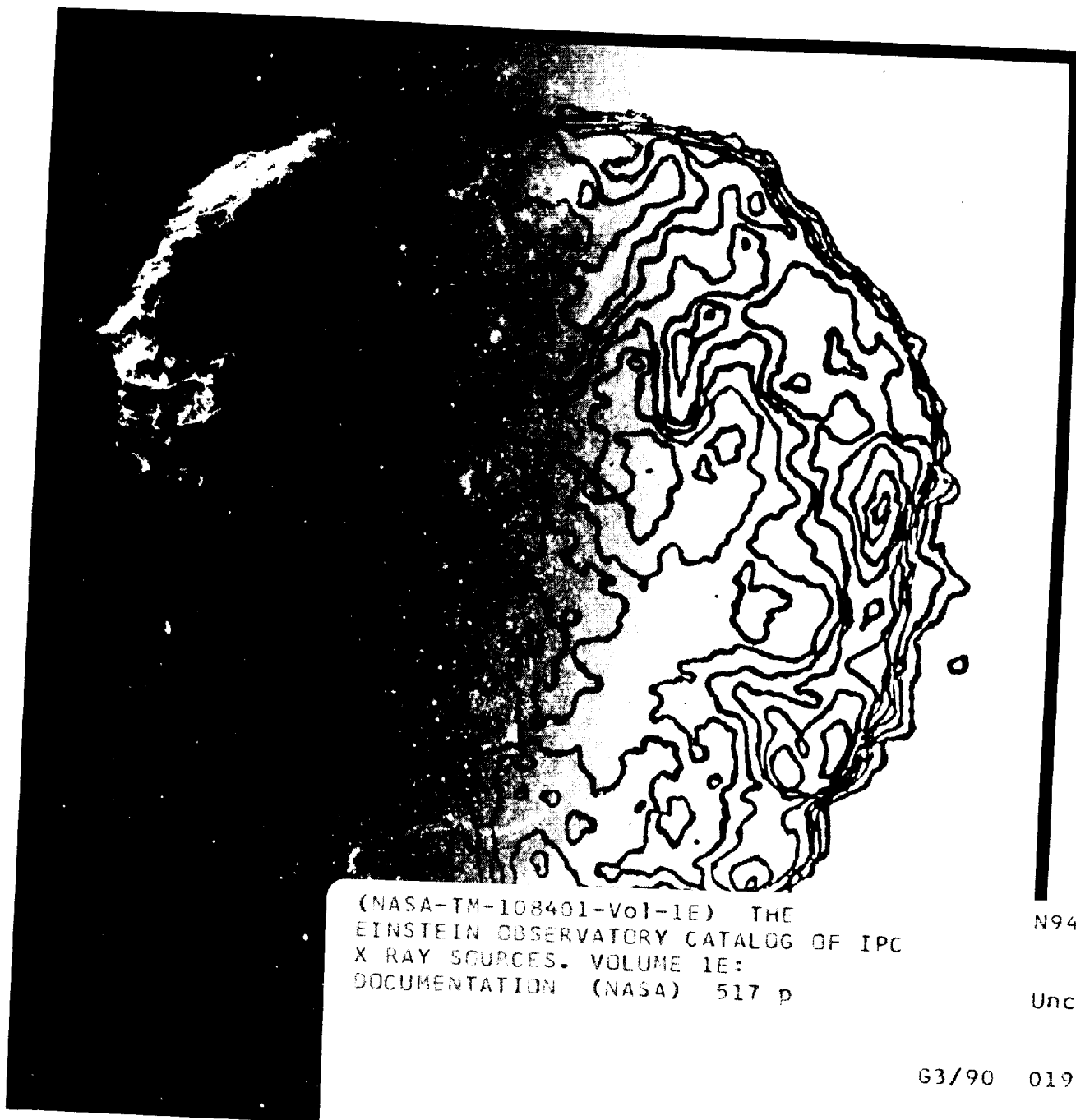


THE EINSTEIN OBSERVATORY CATALOG OF IPC X-RAY SOURCES



N94-18619

Unclass

G3/90 0195928

SMITHSONIAN ASTROPHYSICAL OBSERVATORY



[Relevant section numbers of Volume 1 are given in square brackets.]

- A) Sequence number of the observation. [5.0]
- B) Right ascension (1950) of the field center.
- C) First contour level (counts arcmin⁻²) and peak value. Successive contours increase by factors of 2. Negative contours are dotted. [4.5]
- D) Numbers of deep survey (DS) and bright Earth (BE) counts contained in the background map which has been subtracted from the data. [4.5]
- E) "Road-map" grid defining detector coordinates. These are required for estimating intensity upper limits. They are not present for observations which include data with "unstable" pointings. [4.6]
- F) Gray scale showing the relative exposure map (dominated by vignetting and the rib support shadows). [4.3]
- G) Intensity map, with detected sources indicated by field number and a cross (also listed in the table below the map). The map has had the background subtracted and has been corrected for vignetting. [4.1, 4.2] The coordinates of the map are R.A. and decl. (1950).
- H) Observation title from "Yellow Book" (Seward and Martenis 1986).
- I) Position of the field center in celestial (B1950 and J2000) and Galactic coordinates. [3.1]
- J) Other field data: start and stop dates [3.2]; live time [3.3]; roll angle of detector (clockwise from north; for zero degrees roll, detector letters are along the bottom of the road map) [3.4]; and the column density of neutral hydrogen in our Galaxy [3.5].
- K) Ref/ID flag: a nonblank entry indicates that a paper has been published on this field or on a source in the field. [3.6; Appendix I]
- L) Field flag [3.7]:
 - B: Background map suspect; may affect MDETECT
 - C: Combined fields: a merged map exists [Appendix J]
 - D: Deletion of one or more detections judged to be spurious [Appendix F]
 - G: Ghost image probably present
 - L: LDETECT only (MDETECT not run)
 - P: Particle-event contamination possible in background
 - S: Source has been missed by the detect algorithms [Appendix G]
 - T: Time correction redone to rectify erroneous dead-time calculation
- M) Catalog number and field number for the sources. An "L" following the field number indicates that the source was found by LDETECT only. [5.1, 5.2]
- N) Corrected count rate, as measured in a 2'4 box [5.4]. A preceding "*" warns that the intensity may be underestimated [5.8].
- O) Cell counts and the signal to noise ratio of the detection. [5.5, 5.6]
- P) SIZCOR, an intensity correction factor useful in estimating the intensity of extended sources, is the ratio of counts within the 3 σ (lowest) contour to the net cell counts (corrected for the point response function) [5.7]. RECO, the "rib and edge code," when nonzero, indicates that intensity measurements may be underestimated [5.8]. R' is the distance from the source to the field center in arcminutes.
- Q) Source flag [5.10]:
 - A: Additional detection(s) occurred in other field(s). [Appendix H]
 - a: Probably should be paired with another detection, but separation exceeded cutoff and thus not assigned an "A" flag.
 - E: Intensity corrected for source near the exposure cutoff at the field edge.
 - H: A hardness ratio is available [Appendix D]
 - I: Source detected by LDETECT near field edge. Intensity adjusted to remove redundant exposure correction.
- R) Ref/ID flag; see (K) above. [5.11]
- S) Volume number and page number



THE EINSTEIN OBSERVATORY CATALOG OF IPC X-RAY SOURCES

The *Einstein* Catalog Committee

D. E. Harris (*chair*)

W. Forman

I.M. Gioia

J.A. Hale

F.R. Harnden, Jr.

C. Jones

T. Karakashian

T. Maccacaro

J. D. McSweeney

F. A. Primini

J. Schwarz

H. D. Tananbaum

J. Thurman

Smithsonian Astrophysical Observatory
Cambridge, MA, USA

Volume 1

1990

The graphic inset on the cover was designed by Elizabeth Bohlen. The X-ray contours of the Cygnus Loop were generated by F. Seward from a montage of several IPC observations. The optical photograph is from the Palomar Sky Atlas; ©1960 The National Geographic Society - Palomar Sky Survey. Reproduced by permission of the California Institute of Technology.

FOREWORD

The concept of a catalog of sources detected with the *Einstein Observatory* was not pursued until several years after the end of the mission. This may be a result of the fact that most astronomical catalogs cover some well-defined section of the sky, whereas the *Einstein* mission consisted primarily of pointings at individual targets, thereby covering less than 10% of the sky. The present catalog contains only imaging proportional counter (IPC) data, presented both as a list of sources and as contour diagrams. Although we relied on the "Rev1B" standard processing of IPC data, a considerable effort was required to correct minor errors as well as to enhance certain aspects of the data.

As is normal in an undertaking of this magnitude, we owe much to many current and past staff members. The *Einstein Observatory* was the "creation" of Riccardo Giacconi, and his leadership, along with the efforts of the other consortium members, NASA, and industry, made this mission possible.

For the catalog project, much of the day-to-day work has been ably performed with enthusiasm by data aides Sally Oey, Susannah Hopkins, Elizabeth Bohlen, Joan Flanagan, and Charles Zender. For assistance in compiling references of published papers on *Einstein* data, we also acknowledge Carolyn Stern, Paul Martenis, and Fred Seward. Pepi Fabbiano provided valuable advice and personified our liaison with the *Einstein* project. The precession routine used to convert B1950 field center coordinates to epoch J2000 was supplied by Jonathan McDowell. Cliff Stoll implemented the initial on-line service ("EINLINE") and the FITS version of 1 January 1990, released on cdrom and magtape.

The Catalog Committee
1990 March

FOREWORD - 2

Early in 1989, at the suggestion of G. Riegler (NASA Headquarters) and with the support of the Einstein Users' Committee (F. Walter, chair), we initiated negotiations with NASA for publication of this catalog. A camera-ready copy was sent to the Marshall Space Flight Center printing office in April 1990. During the ensuing three years, a number of complications arose which regrettably delayed publication. We thank G. Riegler and E. Schmerling (NASA Headquarters) for their persistent efforts and eventual success.

The Catalog Committee
1993 April

ERRATA

1. It was discovered in 1992 that the Rev1B processing contained a bug that caused the detector spatial gain to be applied incorrectly during the PI-binning procedure. Resources were not available to reconstruct the catalog using the corrected PI bins, and as a result (by virtue of the 3.5 “sigma” detection threshold in the BROAD energy band), a few of the sources listed do not belong here, and there are also a few sources “missing” from the catalog. However, we were able to reconstruct Table D, as described on page 122 of this volume. The hardness ratios included here are therefore unaffected by the PI-binning bug.
2. There are a number of discrepancies stemming from an inconsistent deletion from the catalog of three fields. Two of the fields fell below the 300 sec livetime cutoff, and the third was viewed through the aluminum filter:

I 10369, the Crab Nebula

Although the actual observation time was well over 300 sec, the corresponding livetime fell below the limit because of the high source counting rate. This was only recognized when livetimes were recalculated (following a correction to the parametric expression for the livetime value); hence the field no longer qualified for inclusion in the catalog. The field correctly appears in Appendix E (Omitted Observations), but is not starred in Table K (Field Centers of Sequence Numbers). It is referenced in Table I.2 (Published Identifications), and the source, 2E 1309 appears in the source table (chapter 8), and furthermore has the source flag “A”, meaning it has been matched with another observation (I10292).

I 485 (1137+66)

The livetime for this sequence is 295 sec, and the field is correctly listed in Table E (Omitted Observations). However, it is referenced in Table I.2 (Published Identifications), and the corresponding source, 2E 2503, has the source flag “A” for multiple detections.

I 10292, the Crab Nebula

This observation was made with the aluminum filter in the optical path and should not have been included in the catalog. Although it is correctly so identified in Table E (Omitted Observations) it is incorrectly referenced in Table I.2 (Published Identifications).

3. Catalog source number 1536 is part of a ghost image (cf. page 103). The source is correctly listed in Table F (Deleted Detections), but incorrectly appears in the source table in chapter 8.

TABLE OF CONTENTS

Foreward	i
Lists of Figures and Tables	v
1 Introduction	1
1.1 The <i>Einstein</i> (HEAO 2) Mission	1
1.2 The High Resolution Imager (HRI)	3
1.3 Conventions for Naming Sources	3
1.4 Procedure for Corrections	3
2 Source Selection	4
2.1 Detection Algorithms of Rev1B	4
2.2 Threshold Selection	4
2.3 Sources Lost Because of Short Exposure Time	4
2.4 Sources Lost Because of Low Relative Exposure Time	5
2.5 Manual Source Rejection	5
2.6 Sources Lost near the Rib Shadows and Field Edges	5
2.7 Extended Sources Not Found with LDETECT	5
3 Field Descriptions	6
3.1 Field Center Positions	6
3.2 Start and Stop Dates	6
3.3 Live Time	6
3.4 Roll Angle	6
3.5 Column Densities of Neutral Hydrogen	7
3.6 Reference and Identification (Ref/ID) Flags	7
3.7 Field Flag	7
4 Contour Diagrams	9
4.1 Generation of X-Ray Maps	9
4.2 Contour Definition	9
4.3 Exposure Maps	9
4.4 Exposure Time and Relative Exposure Cutoffs	9
4.5 Embedded Numerical Quantities	10
4.6 Deriving Upper Limits	10
4.7 Estimating Source Counts from the Contour Maps	10
5 Source Tables	11
5.1 Catalog Number	11
5.2 Field Number	11
5.3 Source Position	11
5.4 Count Rate	12
5.5 Cell Counts	13
5.6 Signal-to-Noise Ratio for Detection	13
5.7 Size Correction	13
5.8 Ribs and Edges Code (RECO)	14
5.9 Source Distance from the Field Center	14
5.10 Source Flags	14
5.11 Ref/ID Flags	14
6 Computer-readable (FITS) Catalog	16
6.1 Arrays	16
6.2 Keywords and Field Descriptors	17
6.3 Source Tables	19
6.4 Upper-Limit Arrays	19
6.5 Background Manipulation	19

7	On-Line Catalog	21
7.1	Access to the <i>Einstein</i> On-Line Service	21
7.2	Future Plans	21
8	The IPC Source List	22
8.1	Contents	22
8.2	Source Flags	23
8.3	Ref/ID Flags	23
Appendices		
A	Brief Description of the <i>Einstein</i> Observatory IPC	99
A.1	The Instrument	99
A.2	Energy Characteristics	99
A.3	Spatial Resolution	101
A.4	Timing	101
A.5	Off-Axis Behavior	103
A.6	Source Detection Algorithms	104
B	Upper Limits to X-ray Emission from Point Sources	108
C	Conversion of Corrected Count Rate to Flux	114
D	<i>Einstein</i> IPC Hardness Ratio and Errors	121
E	Omitted Observations: IPC Fields Not Used in the Catalog	156
F	Deleted Detections	160
G	Omitted Sources: Objects Not in the IPC Source List	165
G.1	Reasons for Omission	165
G.2	Table of Omitted Sources	165
H	Matching Multiple Detections of Sources	171
H.1	Pair Analysis	171
H.2	Cluster Analysis	173
I	References and Identifications	175
I.1	Use of the References	175
I.2	Description of the Identification Table	176
I.3	The Reference List	177
I.4	The Matching Procedure	177
J	Merged Fields	235
J.1	Differences from the Main Catalog	235
J.2	Analysis of the Merged Fields	235
J.3	Table of Merged Fields	236
K	Field Centers of Sequences	441
L	Guest Observers	473
	References	486
	Index to Volume 1	487
	Target Index	489

LIST OF FIGURES

A.1	IPC effective area vs. energy	100
A.2	IPC point response function	102
A.3	MDETECT background map (projections)	105
C.1	EPC factors for power law spectra	117
C.2	EPC factors for exponential spectra (with Gaunt factor)	118
C.3	EPC factors for Raymond-Smith thermal spectra	119
C.4	EPC factors for blackbody spectra	120
D.1	Power law hardness ratios	123
D.2	Thermal bremsstrahlung hardness ratios	124
D.3	Raymond-Smith thermal hardness ratios	125
D.4	Blackbody hardness ratios	126
H.1	Histograms of source separation	172
I.1	Histogram of source/identification offsets	179

LIST OF TABLES

1.2a	Major Events of the <i>Einstein</i> Mission	2
1.2b	Detector Usage on <i>Einstein</i>	2
3.0	New Titles for Misnamed/Mispointed Observations	6
3.6	Reference/Identification Flags for Fields	7
3.7	Field Flags	8
5.3	Systematic Positional Errors	11
5.10	Source Flags	14
6.0	Contents of EO SCAT FITS version	16
6.3	Source Parameters in the FITS Version	19
8.1	Contents of the Source List	22
8.3	Identification Types	23
-	IPC Source List	24
A.1	IPC Efficiency Parameters	101
A.5	Off-Axis IPC Effective Area	103
B.1	DSMAP Template	111
B.2	BEMAP Template	112
B.3	EO SCAT Intensity Correction Factors	113
C.1	EPC factors for Power Law spectra	115
C.2	EPC factors for Optically Thin Thermal Bremsstrahlung spectra	115
C.3	EPC factors for Raymond-Smith Thermal Spectra	116
C.4	EPC factors for Optically Thick Thermal (Blackbody) spectra	116
D	Hardness Ratio Values	127
E	Omitted Observations	157
F	Deleted Detections	161
G	Omitted Sources	167
H.1	Valid source pairs exceeding the NS Limit	173
H.2	Results of Clustering Analysis	173
I.1a	Identification Types	175
I.1b	Hierarchy for Identification Types	176
I.2	Published Identifications	180
I.3	Reference List	218
J.3	List of Merged Fields (newly assigned sequence numbers)	237
-	Source Tables for Merged Fields (with contour maps)	239
K	Field-center Coordinates for Sequence Numbers	442
-	Source Tables (with contour maps)	volumes 2-7



1 Introduction

The *Einstein Observatory* Catalog of IPC X-Ray Sources (EOSCAT) contains much of the relevant data on sources detected with the imaging proportional counter (IPC). It also describes methods to recover upper limits for any sky position within the observed images, and contains maps of each observation which enable users to evaluate the morphology of extended sources and to visualize the immediate X-ray surroundings of a location.

The main catalog consists of six volumes (numbered 2–7) of right ascension (R.A.) ordered pages, each containing a contour map of an observation together with information about the observation and a table containing parameters for sources detected in that field. Each volume contains the catalog pages for 4 hours of R.A., preceded by a few introductory pages summarizing the meaning of parameters.

Volume 1 (this volume) contains the primary documentation describing how the catalog was constructed and also contains a complete source list (§ 8, 5,947 entries; 4,806 unique sources), results for merged fields (Appendix J), a reference system to published papers (Appendix I), hardness ratios for some sources (Appendix D), and other data useful for calculating upper limits (Appendix B) and fluxes (Appendix C). A machine readable version of this catalog is available as a set of FITS tapes and cdroms (see § 6), and source information is also available on line (§ 7).

Like most other catalogs, the EOSCAT is not specifically intended to consider previously cataloged objects, although we provide references to published results for listed sources and fields. In most instances, catalogs serve as a reference when a user needs to determine information about a particular location. Since *Einstein* was not an all-sky survey, and because the actual field covered depends on the orientation of the rectangular detector, it is difficult to provide an easy method for determining whether or not a given location was actually observed. One of the main purposes of the contour diagrams is to provide users with this information. Use of the contour diagrams also avoids many uncertainties involved in using the source list only.

The essence of the catalog project is a computer data base (under INGRESTM) and map arrays for each observation. The numerical data are derived from the most recent reprocessing of the IPC data (termed “Rev1B”). The present publication is a subset of these data derived from maps and source parameters for the BROAD energy band (0.16–3.5 keV).

We emphasize at the outset that most of the information contained here comes from Rev1B, and in no sense should this work be considered as a further reprocessing. Minor corrections to some quantities have been made, and a new parameter, the “size correction” (SIZCOR) has been added. However, any limitations of the algorithms such as DETECT are still present, and the reader is advised to read the relevant sections (below and in the appendices) in order to understand these limitations.

1.1 The *Einstein* (HEAO 2) Mission

The *Einstein Observatory* operated for nearly 2.5 years, as can be seen from the brief mission chronology presented in Table 1.2a. Note that although gyroscope failures rendered the satellite uncontrollable during most of a 3.5-month interval in late 1980, there were some periods when control was temporarily restored and useful data were obtained. Two gyros again became operational in mid-December and functioned satisfactorily throughout the remainder of the mission.

During its mission the *Einstein* X-ray telescope was pointed toward some 5000 celestial targets, most of which were detected, and *Einstein* also discovered several thousand “serendipitous” sources in the observed fields. A breakdown of the 5468 observations performed at the request of consortium and Guest Observers is presented in Table 1.2b. The total number of X-ray sources known before *Einstein* was less than 1000, so *Einstein* produced an order-of-magnitude advance in source numbers alone. *Einstein* derived its radically improved sensitivity over previous X-ray missions through the use of focusing optics, which simultaneously greatly reduced the background and produced true images. Thus *Einstein* could detect up to 1000 times fainter sources than previous missions, and locate them accurately enough to make finding their optical counterparts feasible. The fruitfulness of the imaging approach to X-ray astronomy pioneered by *Einstein* is evidenced by the fact that X-ray astronomy programs throughout the world now emphasize grazing-incidence, focusing telescopes in their future plans.

Table 1.2a
Major Events of the *Einstein* Mission

Event	Date
Launch	1978 November 13
First light	1978 November 17
Change from HRI-2 to HRI-3	1978 December 15
IPC gain stabilized	1980 January 5
Attitude-control problems (only limited pointing data acquired during this epoch)	1980 August 27 to 1980 December 17
Last light (depletion of ACS propellant)	1981 April 25
Reentry	1982 March 25

Table 1.2b
Detector Usage on *Einstein*

	Calibration		Science			
	No. of Seqs	ks	No. of Seqs	%	ks	%
IPC	47	320.20	3969	(74%)	18462.63	(50%)
HRI	46	102.80	764	(14%)	9436.87	(26%)
SSS	9	0.90	271	(5%)	4270.88	(12%)
FPCS	0	0.00	309	(6%)	3708.79	(10%)
OGS	0	0.00	53	(1%)	787.80	(2%)
Total	102	423.90	5366	(100%)	36666.97	(100%)

Einstein had four focal-plane instruments:

- *Imaging proportional counter (IPC)*. — Supplied by the Smithsonian Astrophysical Observatory in collaboration with the Columbia Astrophysical Laboratory. This was the most frequently utilized instrument on *Einstein*. It imaged a ~ 1 degree square field of view with $\sim 1'$ angular resolution. It also had modest spectral resolution ($E/\Delta E \sim 1$).
- *High resolution imager (HRI)*. — Supplied by the Smithsonian Astrophysical Observatory. This instrument had the highest spatial resolution ($\sim 2''$) on *Einstein* but had relatively low quantum efficiency. It had no intrinsic spectral resolution.
- *Solid state spectrometer (SSS)*. — Supplied by the Goddard Space Flight Center. The SSS was a high quantum efficiency, nonimaging device with a $6'$ diameter field of view that gave good spectral resolution ($\Delta E \sim 200$ eV) over a broad band. Because of its limited cryogen supply the SSS operated only during the first 10 months of the mission.
- *Focal plane crystal spectrometer (FPCS)*. — Supplied by the Massachusetts Institute of Technology. This was the highest spectral resolution device on *Einstein* ($E/\Delta E \sim 100$ – 1000), but observed only a narrow energy range at any one time and had very limited quantum efficiency.

In addition there were two auxiliary instruments:

- *Objective grating spectrometer (OGS)*. — Supplied by the Laboratory for Space Research Utrecht, The Netherlands. These gratings dispersed spectra onto the HRI where they gave a high resolution spectrum ($E/\Delta E \sim 50$) over a broad band, but with relatively low throughput.
- *Monitor proportional counter (MPC)*. — Supplied by the Smithsonian Astrophysical Observatory (in collaboration with American Science and Engineering). The *Einstein* mirror had effective area only below ~ 4 keV. To give the *Einstein* mission some sensitivity in the more traditional 2–20 keV band, a collimated proportional counter, the MPC, was co-aligned with the telescope. Its nonimaging field of view was essentially the same as that of the IPC. All targets were observed with the MPC, regardless of the instrument at the focal plane.

The institutions that supplied the focal-plane instruments combined to form a consortium to run the scientific aspects of the mission—targeting the satellite and collecting and analyzing the data to produce scientific results. In addition, a fraction of the mission observing time was opened to Guest Observers, who could propose their own observations. The fraction of time allocated to Guest Observers started at 15% and rose to 40% by the end of the mission. The Guest Observer program was responsible for bringing to X-ray astronomy a wide range of interest from astronomers who had not worked with X-ray data before. There were ~ 400 Guest Observer programs carried out during the *Einstein* mission. All *Einstein* data have now been in a public data bank or archive for several years. The accessibility to the data has led to over 750 requests to date for data bank use.

1.2 The High Resolution Imager (HRI)

Although the HRI was used to observe many of the sources in this catalog, the angular resolution, sensitivity, and sky coverage were sufficiently different from the IPC so that HRI results are not included here.

1.3 Conventions for Naming Sources

The International Astronomical Union (IAU) has established guidelines for naming sources. For source catalogs, a unique prefix should be adopted. Since “1E” has already been used by many authors, we establish the prefix “2E” for this IPC catalog. Other *Einstein* products (such as the HRI catalog or catalogs of types of objects) could be assigned “3E,” “4E,” and so on.

The IAU recommendation calls for the second part of the source name to be made up of the source position with sufficient accuracy to avoid ambiguity. For the IPC this would normally require HHMMSS+DDMM, which is rather cumbersome and further assumes everyone knows that the chosen epoch for 2E is 1950.

While we are in general agreement with the IAU recommendations, we also envisage conditions in which the use of the source catalog number (see § 5.1) might be of considerable benefit. Since the use of a 4 digit number without an embedded declination sign cannot be confused with the IAU system, we countenance either the above IAU designation or “2Ennnn,” where “nnnn” is the unique catalog number.

In choosing which method to use, authors should carefully consider their purpose. The “2Ennnn” designation gives almost no information concerning the source location. This may be unimportant if the position is tabulated next to the name, but it is a serious oversight if the position is not given and the reference to that source is to be used by a reader without easy access to the catalog.

1.4 Procedure for Corrections

Although we do not anticipate making major revisions to this catalog, we recognize that errors inevitably have occurred, either in the documentation or in some parameters under peculiar conditions, and would appreciate being notified of such errors at the address given in § 7. We will also maintain a distribution list of catalog owners (both the printed version and the FITS version), so that users can be notified of errata (provided that they keep us informed of any address changes).

2 Source Selection

The basic source list is comprised of sources in the Rev1B processing found either by the local-background detection algorithm, “LDETECT”, or by the map-background detection algorithm, “MDETECT” (see Appendix A for a description of these algorithms), in the BROAD energy band (0.16–3.5 keV). For inclusion in this catalog, several conditions had to be fulfilled, and details of these are given below.

2.1 Detection Algorithms of Rev1B

Both detect methods used a sliding detection cell, testing for source existence at each point on a grid, separated by 6 pixels (1 pixel = 8"). If the net counts exceeded a threshold set by the field statistics, a detection is said to have occurred. LDETECT relied on a frame around the detect box to obtain an estimate of the background, whereas MDETECT used a scaled version of the standard background map. This background map was constructed by superposing deep survey fields (with sources removed) taken in areas of the sky at high Galactic latitudes without strong sources. Although MDETECT is superior to LDETECT in most instances, MDETECT was not run for fields containing strong sources, significant extended emission, or strong contamination from solar X-rays scattered and fluoresced by the sunlit Earth’s atmosphere. This was done to curtail the large number of spurious detections which would have resulted.

Each method is used for each of the three standard energy bands: SOFT (0.16–0.81 keV), HARD (0.81–3.50 keV), and BROAD (0.16–3.50 keV).

Details of the detection algorithms may be found in the *Einstein Observatory Revised Users’ Manual* (RUM [Harris and Irwin 1984]) and the specifications for the Rev1B processing (Harnden *et al.* 1984), both available from the High Energy Division of the Harvard-Smithsonian Center for Astrophysics (contact the *Einstein* Catalog Office). For most purposes, however, the description of the detection algorithms contained in Appendix A.6 will suffice.

2.2 Threshold Selection

Setting the signal-to-noise threshold for selecting catalog sources involved a trade-off between the inclusion of spurious sources (i.e., statistical “noise”) and the exclusion of weak sources. Our choice of a signal-to-noise ratio of 3.5 as the criterion for source existence was based on simulations using the MDETECT algorithm.

The simulations were based on a 5000 s background field by “planting” simulated sources drawn from a conventional distribution of source number versus source intensity. A total of 2436 images were created, with an average of 15 sources per field. The spectral distribution for each source was the same: a power law with an energy index of 0.5. Sources were distributed over the inner area of the IPC (i.e., not outside the ribs) and were detected by running MDETECT in the BROAD energy band. Further details may be found in Maccacaro, Romaine, and Schmitt (1987).

Detection statistics were compared for signal-to-noise cutoffs of 3.0 and 3.5. For the former case, detection efficiency (number of “planted” sources detected/number of “planted” sources) was found to be 85% and the spurious rate (spurious/planted) was 1%; for the latter, the efficiency was 96% and the spurious rate 0.5%. Another result of the simulations was an expectation of 13 spurious detections (inside the rib shadows) for our 4000 fields.

The reader should understand that these statistics are indicative rather than precise. They were employed to help select a cutoff and should not be used to predict the actual situation, which is complicated because real sources are not always unresolved, not all sources have power-law spectra with energy index 0.5, many fields were processed with LDETECT only, and the simulations did not investigate the performance of the detect algorithms for sources near rib shadows and field edges.

2.3 Sources Lost Because of Short Exposure Time

To minimize observations of areas with very little exposure (i.e., mostly noise), we require that all data in this catalog have an effective exposure time of at least 300 s. The effective exposure time is defined to be the product of the live time and the relative exposure (which accounts for loss of exposure because of telescope vignetting and shadowing by the detector support structure). For short observations (< 800 s) this means that the outer areas of the field have been deleted because the telescope vignetting reduces the effective exposure. For very short exposures (< 300 s) no data are included. Sources known to be omitted from the catalog because of this criterion are included in Appendix G with code “T.”

2.4 Sources Lost Because of Low Relative Exposure Time

At field edges there are often narrow strips wherein the intensity fluctuates strongly because of aspect jitter and imprecise alignment of the subtracted background map. To avoid excessive noise and subsequent spurious detections at field edges, whenever the relative exposure fell to <25% of the live time at the field center, the map data and source information were deleted. For normal fields this device simply sharpened the edges of the fields which would otherwise be blurred by aspect jitter. However, for observations which contained contributions with significantly different roll angles, data near the corners of some orientations were deleted, and thus sources present in Rev1B may not be in the catalog. Sources known to be omitted from the catalog because of this criterion are included in Appendix G with code "C."

2.5 Manual Source Rejection

Statistical fluctuations in bright, diffuse emission were sometimes detected as discrete sources. Entries were deleted when we had reasonable confidence that the detections were spurious, i.e., in clusters of galaxies and supernova remnants. For those cases where discrete sources were expected *a priori* to be embedded in extended emission (e.g., M31, Orion), deletions were not made. Since some subjectivity remains in this process, we present a list of deleted (Rev1B) sources in Appendix F.

2.6 Sources Lost near the Rib Shadows and Field Edges

The detect algorithms (particularly LDETECT) occasionally fail to detect sources near the rib shadows or field edges. Although Rev1B source parameters are not available, a very rough estimate of source intensity may be made from the observed intensity contours (see § 4.7) and from the information on attenuation of the rib shadows contained in Appendix A. "Very rough" is used because the attenuation and the factors used in converting map units to flux depend on the (unknown) spectral distribution of the source, and because the estimate does not include aspect jitter.

2.7 Extended Sources Not Found with LDETECT

As described in Appendix A.6, LDETECT requires a certain gradient in the counts per detect cell because the background is measured in a frame around the detect window. For extended sources MDETECT is not always run, and if the source is of low surface brightness without a well-pronounced peak with a scale size conforming to the point response function, it may be missed by LDETECT. This is often the case for clusters of galaxies and supernova remnants, but it also can occur for smaller sources which are extended. Many of these occurrences are listed in Appendix G with code "L."

3 Field Descriptions

Observation titles (taken from the "Yellow Book," Seward and Martenis 1986), together with other parameters pertinent to the data from each targeted sky position, are given below the contour diagrams. Table 3.0 contains a list of observations (sequences) which have been given new titles in this catalog because of misnaming or mispointing errors discovered since the last revision of the "Yellow Book."

Table 3.0
New Titles for Misnamed/Mispointed Observations

Sequence No.	New Title
470	A 1550 - mispointed 15' North
2206	SUPERNOVA REMNANTS: Cygnus Loop
4522	Mispointed
5281	Empty field in UMa (mispointed)
5744	Mispointed
7414	Empty field in Aquila (mispointed)
8439	Mispointed
10148	Offset pointing - between MKN 290/MKN 289

3.1 Field Center Positions

The pointing position approximates the center of the field of view for the observation. Celestial coordinates for equinox 1950 are those taken from Rev1B processing (as are the galactic coordinates). With a precession routine based on the work of Yallop *et al.* (1989), as implemented in the UK STARLINK subroutine library SLALIB in 1987, we also provide J2000 coordinates. The algorithm assumes that there is no proper motion in the J2000 frame. The differences between J2000 and B2000 are at the subarcsecond level.

3.2 Start and Stop Dates

Two entries give the start and stop dates of the observation. Specification is YYYY/ddd, where YYYY is the year and ddd is the day number. These two dates bound the observation, but their difference is not the observing time because of interobservation gaps, Earth occultation, and so on.

3.3 Live Time

The live time is a measure of the effective exposure time at the field center. The live time is the total number of seconds during which the detectors gathered data. It has been corrected for intervals lost because of Earth occultation, passage through the South Atlantic Anomaly, unacceptable aspect solution, and detector dead time.

3.4 Roll Angle

The roll angle measures the roll of the spacecraft about the axis pointing toward the field center. It provides the angular orientation of the focal plane detectors with respect to the celestial coordinate grid. A positive value of the roll angle indicates a clockwise rotation of the (detector's projected) field when viewing the celestial sphere.

The algorithms in Rev1B took the nominal roll angle of the first observation interval ("HUT," which stands for "HEAO Universal Time," and is used to name data segments which make up an observation) as the nominal roll angle for the observation. For normal observations this procedure was satisfactory, since the aspect solution compensated subsequent HUTs for any differences, which were usually quite small. However, there are occasions for which the first HUT had zero exposure time, and/or subsequent HUTs were obtained with roll angles which were significantly different from the nominal value for the first HUT. This led to erroneous roll angle labels, even though the data were correctly handled.

In order to correct this problem, we have calculated a time-averaged roll angle for each field by using the nominal roll angle for each HUT together with the small offset from that value derived from the aspect solution. Occasionally small data segments had roll angles which were grossly different from the average. If any HUT had a roll angle which

differed from the average for the observation by more than 4° , it was considered to be “discrepant.” If the exposure time of discrepant HUTs was less than 5% of the total exposure, these HUTs were ignored in calculating the final average roll angle. The roll angle printed on the catalog page is this new average, not the Rev1B value.

However, if discrepant HUTs contributed more than 5% of the exposure time, the concept of a unique roll angle for the observation loses its significance, and a “bad aspect flag” is set; no roll angle is printed; and the roadmap grid defining the detector coordinates is suppressed. This situation affects the catalog mainly for the upper limit calculations (see Appendix B), since different roll angles imply that a given sky position cannot be assigned a particular detector location. The bad aspect flag will also be set if HUTs comprising more than 5% of the exposure time had pointing offsets which differed from the average by more than $2'$.

3.5 Column Densities of Neutral Hydrogen

The column density of neutral hydrogen in atoms cm^{-2} integrated along the line of sight through our Galaxy in the direction of the field center of the observation is obtained from sky surveys of neutral hydrogen using 21 cm radio observations. For declinations north of -40° , they are from the survey by Stark, *et al.* (private communication). For fields south of decl. = -40° they come from Heiles and Cleary (1979) and Cleary, Heiles, and Haslam (1979).

3.6 Reference and Identification (Ref/ID) Flags

In order to reference papers which contain results on a particular field, or on field sources which were not detected by Rev1B processing or did not pass our selection criteria, we provide a reference and identification flag similar to that used for sources. Since the primary use of the reference list is to give source information, details of our reference system are given in § 5.11 and a complete discussion of the Ref/ID flags and their use is given in Appendix I.

The main difference between the Ref/ID flags for fields and those for sources is the addition of a new, nonspecific flag, “!,” and the omission of the “†” flag, germane only for sources.

The “!” flag is used to alert users that there are entries in the identifications table (Table I.2) which refer to sources in the field which are not in the source table. These sources may be at the field center, but more often are either large extended features such as parts of supernova remnants or off-axis sources which were not detected with a signal-to-noise ratio greater than 3.5.

The Ref/ID flags for fields are listed in Table 3.6.

Table 3.6
Reference/Identification Flags for Fields

Flag	Meaning
AGN	Active galactic nucleus
BL	BL Lac object
CLG	Cluster (or group) of galaxies
CV	Cataclysmic variable
G	Galaxy
GLB	Globular cluster
P	Pulsar
Q	Quasar
RS	Radio source
S	Star
SNR	Supernova remnant
SY	Seyfert galaxy
*	Nonspecific indicator for separations $< 100''$
!	Nonspecific indicator for a source within the field, but not contained in the source table

3.7 Field Flag

This indicator denotes observations which have additional information available, which have been processed in a slightly nonstandard way, or which were found to have a peculiarity. In Table 3.7, we describe the flags and give the number of occurrences for each flag.

Table 3.7
Field Flags

Flag	Name	Occurrences	Description
B	Background suspect	4	An extremely rare flag, indicating that a poor MDETECT background map may have affected the reliability of M detect sources (and the values of SIZCOR). Not a reference to further information.
C	Combined field	451	The current observation is one of two or more pointings that have been combined to form a new sequence number. The results of the analysis of the merged data appear only in Appendix J.
D	Deleted sources	139	Detected sources have occasionally been deleted from the catalog because they were judged to be spurious. For the most part this occurred for detections within extended emission such as supernova remnants and clusters. This flag indicates that one or more deletions have been made from this field, and that they are listed in Appendix F.
G	Ghost image	5	See Appendix A for a description of ghost images.
L	LDETECT only	965	Indicates that MDETECT was not run. No reference to further information.
P	Particle contamination	1	Background contaminated by particle events.
S	Sources missed	257	Known sources were missed by the detection algorithms. This flag indicates that there are one or more entries in the missed source list (Appendix G) which pertain to this field.
T	Time correction	82	Rev1B was redone to correct faulty dead-time corrections. This condition exists whenever the dead-time correction used in Rev1B was in error by 3% or more.

4 Contour Diagrams

4.1 Generation of X-Ray Maps

Production of the contour maps commenced with the construction of a 256×256 array from the BROAD energy data with “zoom” (or “squash”) 3, i.e., 3×3 image pixels were summed to form each array element. In this process, the counts are summed over 3×3 original pixels (of size $8''$) to obtain the counts-per-array element (now separated by $24''$). In order to subtract the background, we devised a system to minimize subjective decisions. For MDETECT fields we used the background map made during the Rev1B processing (see § 6 of Appendix A).

For the LDETECT (cf. Appendix A) fields we used either the Rev1B background map or a new background map which is simply the scaled version of the deep survey background map (i.e., without any contribution from the bright Earth background map). The choice between these alternatives was based on *a priori* knowledge of the target: when we anticipated a strong (often extended) source in the field, we chose the map without a bright Earth component. However, when there was no expectation of intense X-ray features, the most likely reason that MDETECT was automatically suppressed was the presence of excessive contamination from the bright Earth, and thus the standard background map would provide the best estimate of the background. During catalog preparation, all LDETECT fields were examined for those cases where our choice was not optimal, as evidenced by a preponderance of positive or negative contours. When this occurred, the selection of the alternative background map produced a satisfactory result.

There are a few cases where it is obvious that the background was overestimated (large negative areas), but these were left in order to preserve a well defined procedure. Underestimated backgrounds may occur in fields for which extended emission covers the entire area (e.g., the Magellanic Clouds and the Virgo Cluster). Although we attempted to identify sequences affected by such background behavior, there may be others which we have missed.

After subtraction of the background, vignetting corrections were applied and the resulting array was smoothed with a Gaussian function with $\sigma = 32''$ (FWHM = $75''$).

4.2 Contour Definition

The contour levels displayed for each observed *Einstein* IPC field are isointensity contours (counts arcmin⁻²). The lowest level, corresponding to 3σ above the background at the center of the field, is determined by starting at the background level (precisely, the field background determined over the annulus from $8'$ – $15'$ about the field center) and determining the uncertainty in the smoothed file corresponding to that level. The resulting uncertainty is added to the background to determine the contour level corresponding to 1σ above background. This method for estimating contour levels is repeated twice more until a level 3σ above the background is reached, which is used for the first contour. Increments for higher contours are logarithmic, with each contour being a factor of 2 above the previous level. Note that the equivalence of the first isointensity contour to 3σ is exact only in the central region of the field: the contour significance decreases (in direct proportion to the telescope vignetting) farther off-axis.

Negative contour levels are also shown (when appropriate) and are computed by taking the negative values corresponding to the contour levels described above. These negative contours (downward fluctuations) are shown as dashed contours.

Finally, there are a few fields containing bright extended sources whose emission fills the field of view and thus precludes the determination of a background level within the field. For these fields, the background level is computed by scaling a nominal background value using the observation time.

4.3 Exposure Maps

The relative exposure map is normalized to unity at the field center for fields without significant intervals with different pointings. Decreasing numbers, indicating less exposure, are encountered off-axis because of the mirror vignetting and the shadows of the rib supports. We have shown this with the gray-scale background. The expression used (in Rev1B) for the vignetting is given in Appendix A.

4.4 Exposure Time and Relative Exposure Cutoffs

Whenever the exposure falls below 25% of the value at the field center or below 300 s, the data have been zeroed. This is to preclude edge effects arising from aspect jitter and excessive noise for short exposures.

4.5 Embedded Numerical Quantities

Values of the first contour (counts arcmin⁻²) and the peak value in the same units can be found in the lower left-hand corner of the contour map. These values are relative to the (zero) background level determined by the subtraction of the background map. In the lower right-hand corner are the values of the counts used in constructing the background map. “DS counts” gives the number of deep survey counts, and “BE counts” gives the number of bright Earth counts. As described elsewhere, the DS counts scale with the live time and have a value 1.23 times the live time measured in seconds. For most fields, the BE counts are on the order of 20% or less of the DS counts, and occasionally they are negative. If BE counts exceed 30% of the DS counts, this is a good indication that there was excessive contamination from the bright Earth.

4.6 Deriving Upper Limits

A procedure for estimate upper limits for any location on a map is described in Appendix B. For fields with stable pointings (roll angles for each data segment within 4° of the average value and offsets less than 2'), a “road-map” grid surrounds the map. The letters and numerals define the detector coordinates for a given location. This is required to find an upper limit for the X-ray flux using the sensitivity limit arrays given in Appendix B.

4.7 Estimating Source Counts from the Contour Maps

Occasionally it is useful to estimate the source counts for features on the contour diagram. Whereas it would be necessary to use a planimeter, for example, to integrate the contours for extended sources, unresolved features may be evaluated by determining the peak intensity of the feature. If the point response function (PRF) were a true Gaussian, the source counts could be directly related to the intensity. However, because of the counts scattered into the low level wings of the PRF, we differentiate between two parameters: counts beam⁻¹ (C/B) and contour source counts (CSC). We adopt C/B to be the “counts per beam” in the sense that these are the counts responsible for the feature on the smoothed map. C/B is useful in evaluating the reality of features, since it gives an estimate of the counts in the core of the PRF.

To derive C/B, we need to estimate our effective resolution. With a smoothing function of 75".3 (FWHM), and a Gaussian core width of 90" for the PRF (see Appendix A), we obtain an effective resolution of 117", giving a “beam area” of 3 arcmin². We adopt the factor of 3 to convert map units (counts arcmin⁻²) to “counts beam⁻¹” (C/B).

By measuring counts of strong sources, we are also able to determine an estimate of a pseudo scattering correction, PSC, (specific to our particular smoothing function and the PRF) and thus derive CSC, the “contour source counts.” Since background subtraction and vignetting corrections were applied globally to the map, CSC, when divided by the live time, will be a number analogous to the corrected count rate listed for detected sources. Users should remember that the level of the wings of the PRF is a strong function of the energy, so sources with different spectral distributions would require different conversion factors to obtain CSC from C/B. However, to first order the relation is useful for unresolved sources, so we obtained the correction factor by measuring the counts of 3C 273 and comparing this with the estimate of C/B. For 3C 273 (sequence number I2037), the peak contour value is 693 counts arcmin⁻² for a live time of 1740 s. This converts to 2080 counts beam⁻¹, which may be compared with the BROAD source counts measured from the photon map (within a circle of radius 6') of 4798 counts, to yield a PSC of 2.3. Thus CSC = 2.3×C/B. A similar calculation on another observation of 3C 273 (I5692) gives PSC = 2.0.

5 Source Tables

The catalog is arranged by observation (alias “field” or “sequence number”). The fields are ordered in increasing right ascension. Each page contains the information for one field: the contour diagram, the field information, and the source table for that field. In this section we describe the parameters given in the source tables.

5.1 Catalog Number

The catalog number is a running serial number (between 1 and 4809, inclusive) which uniquely identifies each separate source in the catalog. Because of clerical errors (i.e., failure to recognize that the aluminium filter was activated for I10754 and that a ghost image was present in I6301), the total number of distinct sources is 4806; catalog numbers 1536, 3976, and 3995 are not assigned. The catalog numbers are ordered by increasing right ascension (and decreasing declination for identical right ascensions) and were assigned after multiple source detections (caused by multiple observations of the same area of sky) were identified and “matched” to form a single source. All sources which were thus identified as having multiple detections have been assigned the source flag “A” (for “additional” detections). A lowercase “a” is used for a few cases for which the separation exceeded the selection criteria but for which the sources nonetheless are believed to be “probable matches.” Details of the procedure for performing the matching are given in Appendix H.

For each unique catalog source, a position is required for the ordering of sources by right ascension and declination. Sources observed only once have been ordered with their positions as listed in the source tables; i.e., BROAD-band positions from standard processing. For multiple-detection sources the position used is that of the detection with the largest signal-to-noise ratio and with RECO=0 (see § 5.8 for a definition of RECO). If no detection has RECO=0, then the position is that of the source with the largest signal-to-noise ratio.

5.2 Field Number

For each field, all sources fulfilling detection criteria are assigned a field number which is an integer from 1 to N , the total number of detected sources for that field. The detected sources are ordered as above (increasing right ascension, decreasing declination) and assigned a field number. By reason of the source selection criteria for this catalog, these numbers will not generally be the same as those of Rev1B. If the source was detected only by the LDETECT method (cf. Appendix A), then an “L” follows the field number.

The field number is provided mainly for ease of connecting sources marked on the contour maps with the corresponding parameters in the table. It should not be used in citations.

5.3 Source Position

Since we have chosen to present sources detected in the BROAD energy band, we have used the BROAD positions determined by the maximum likelihood method in the Rev1B processing. In the standard production output of Rev1B, the source summary table listed the HARD position when available, so our positions may differ slightly from those in the source summary of Rev1B. When sources were found by both LDETECT and MDETECT methods, we use the M position. Listed errors are 90% confidence statistical errors added in quadrature with a systematic contribution. In Rev1B, the systematic contribution was 30”, but we have used a value which depends on the distance between the source and the field center:

Table 5.3
Systematic Positional Errors

Distance from Field Center (")	Systematic Error (")
< 5	25
5-15	37
> 15	47

This variation of uncertainty with distance from the field center is based on measurements of the observed positions of known sources.

As described in Appendix H, the listed uncertainty in position does not include a contribution to account for large errors which occur for sources detected near the field edge or rib shadows. Consequently, users should evaluate the contour diagrams whenever RECO is not zero to determine whether the uncertainty of the source position should be increased.

5.4 Count Rate

For the detect cell (2'4 on each side) placed at the source position, we find the net counts (total minus background). The background is determined by a frame around the detect cell (LDETECT) or from the background map (MDETECT), as described in Appendix A.6. The net counts are then corrected for mirror scattering and the point response function (PRF) and divided by the effective exposure to obtain the corrected count rate. The scattering correction (always equal to 1.18 for the BROAD energy band) recovers source counts scattered out of the detect cell as a result of large-angle mirror scattering. The PRF correction (1.13 for the chosen size of the detect cell) arises because source counts are distributed outside the detect cell by the IPC PRF. The effective exposure is the product of the live time, the relative exposure, and the vignetting correction. Relative exposure represents the fraction of the total live time during which the detect cell was exposed. The vignetting correction represents the loss of telescope area off-axis; it is normalized to 1.0 on-axis and decreases off-axis. Note that this is the inverse of the vignetting correction used in Rev1B.

Since the rib shadows may obscure part of a detect cell, an asterisk is placed next to the count rate when RECO (see below) is nonzero.

The flux (in $\text{ergs cm}^{-2} \text{s}^{-1}$) of a source is not derivable from the count rate unless a spectral distribution is known or assumed. For this reason we have not listed flux values in the table, but reasonable estimates may be made by using the figures or tables given in Appendix C.

The error assigned to the count rate is calculated by taking the square root of the total number of counts (source plus background) in the box defined to measure the count rate, with corrections as for the count rate, and then dividing by the live time.

The corrected count rates listed in the EOSCAT may differ slightly from those in the standard Rev1B processing. There are several reasons for these differences:

1. The net counts in the detect cell may be different. This will occur if the source was detected in the HARD band. Rev1B rates are then calculated for the detect cell centered on this position. However, for the EOSCAT, all source parameters pertain to the detect cell centered on the BROAD-band position. The net counts in the two cases will in general be slightly different.
2. The observation is composed of segments whose relative aspect offsets are nonnegligible. Although aspect is applied correctly, the telescope vignetting function used in Rev1B is an average one. In the EOSCAT the vignetting corrections are calculated more carefully, and the resulting corrected count rates may therefore differ from the Rev1B results.
3. For 124 sources located near detector edges, truncation of the EOSCAT exposure map (see § 4.4) resulted in erroneously low values of relative exposure. For sequences containing such sources, the exposure maps were regenerated with the exposure time/relative exposure cutoffs inhibited. Relative exposures for these sources were calculated from the regenerated exposure maps, and the sources were labeled with the source flag "E." The regenerated exposure maps were not used for any other purpose.
4. An important exception to the above description is the calculation of count rates for sources detected by the LDETECT algorithm. For such sources the net counts are inferred from the total counts in the detect cell and the total counts in a larger $4' \times 4'$ cell, centered on the detect cell (see Appendix A.6). In practice, the calculation is similar to that described above, except when the cells are obscured by ribs or edges. In these cases the LDETECT algorithm uses counts from the unobscured regions only, and corrects the net counts for the loss of exposure. If, however, the shadowing is due to a detector edge, the loss of exposure is also addressed in the calculation of the relative exposure (the exposure map used to calculate relative exposure does not include rib effects). Therefore, for LDETECT sources near edges, the loss of exposure is accounted for twice. To correct for this, the net counts for these sources are recalculated according to the LDETECT algorithm, but with the second exposure correction inhibited. There are 47 sources in this category, and they are identified by the source flag "I."

5. During Rev1B processing, a typographical error was present in the calculation of the dead-time correction, which defeated the correction for very large count rates. For the catalog we have reprocessed observations for which this error amounted to more than 3%. This “correction” applies to all sources in the affected observations, and the field flag “T” is assigned to these observations.

5.5 Cell Counts

The net counts and background counts in the detect cell are the most basic source quantities and are given so that the user may judge the reliability of the source parameters before corrections are applied.

5.6 Signal-to-Noise Ratio for Detection

The signal-to-noise ratio of the source detection is the ratio of the net source counts to the estimated 1σ error of this quantity (for details of this definition see the description of detection methods in Appendix A.6).

5.7 Size Correction

Since Rev1B did not attempt to provide estimates of count rates or flux of extended sources, we have provided a new parameter, SIZCOR, which is conceptually similar to the classical beam broadening correction used by radio astronomers when performing drift scans with single-dish telescopes. Thus SIZCOR serves to correct all intensity measurements (optimized for point sources) of resolved sources for the X-ray brightness which is outside of the detection box. It is derived from the X-ray maps of this catalog, i.e., those which have been smoothed with a Gaussian of $\sigma = 32''$ after having the background subtracted. SIZCOR is defined as the ratio of the intensity contained within the 3σ contour to the intensity within the detection box ($2'4 \times 2'4$), the latter value corrected for the point response function and mirror scattering. Since this ratio is measured on the background-subtracted map, the value depends on the background subtraction and thus should be used only if the user has evaluated the residual background level of the smoothed map.

SIZCOR can be used with any intensity measurement (counts, count rate, or flux) to obtain an estimate for extended sources. For isolated sources which are unresolved, the number usually falls between 0.8 and 1.2, and this range should be considered as unity. For spurious detections, SIZCOR is often < 0.5 .

SIZCOR should be used in conjunction with the contour diagram, since there are several situations where it may give misleading results if the user fails to note the following circumstances:

1. There is no allowance for ribs and edges, so the counts within the 3σ contour may be underestimated.
2. If two or more sources are connected by a 3σ contour, then SIZCOR will attempt to recover the total intensity of the combination for each embedded source.
3. The 3σ contour is an arbitrary integration area. In reality many extended sources such as clusters do not have well-defined edges, and additional source counts outside the 3σ contour will not be included.
4. The estimate of source counts within the 3σ contour has no provision for scattering corrections. For sources much larger than the PRF this is unimportant, but for sources which are unresolved or only slightly resolved, SIZCOR values below 1.0 may result.
5. If the background subtraction is seriously in error, then sources may be artificially extended or truncated. Since we have no *a priori* knowledge of the quality of the background subtraction, or of how to define the true sum of source counts for extended sources, we have not attempted to estimate an error for SIZCOR. Our experience indicates that if the above effects are unimportant, then the use of SIZCOR should not add more than 10% to the uncertainty in the intensity so long as SIZCOR exceeds 1.5.
6. Very occasionally, a source falls at the very corner of a field and the effective exposure falls below 25% of that at the field center. Although the source is preserved, the automatic cutoff zeros the data used in calculating SIZCOR, and a value of zero is obtained (e.g., I255, source at $12^{\text{h}}02^{\text{m}}31^{\text{s}}$, $63^{\circ}51'53''$, with off-axis distance of $40'$, RECO=1002).

5.8 Ribs and Edges Code (RECO)

The ribs and edges code (RECO) is a numeric flag with nonzero values indicating that the detection cell (and/or frame defined for "local detect") falls near or on a rib shadow or detector edge. The code is formed by concatenating a pair of two-digit numbers: the first (thousands and hundreds columns) gives the number (maximum number = 16) of frame subcells potentially shadowed by the ribs or masked-field edge; the second (tens and units digits) gives the number of subcells (maximum = 09) within the detect box which are potentially shadowed.

5.9 Source Distance from the Field Center

The angular separation between the optical axis and the source position is given in minutes of arc.

5.10 Source Flags

A number of indicators are required to inform the user that particular conditions or more information pertain to a given source. The source flag is a one-letter code which indicates such conditions. The codes, their meaning, and the number of occurrences are given in Table 5.10.

Table 5.10
Source Flags

Source Flags	Meaning	Occurrences
A	Additional detection(s) occurred in other field(s) (Appendix H)	1826
a	Probably should be paired with another detection, but separation exceeded cutoff and thus not assigned an "A" flag (Appendix H)	20
E	Intensity corrected for source near the exposure cutoff at the field edge (see § 5.4)	122
H	A hardness ratio is available (Appendix D)	3998
I	Source detected by LDETECT near field edge; intensity adjusted to remove redundant exposure correction (see § 5.4)	46

5.11 Ref/ID Flags

Appendix I contains a list of positions for sources (or field centers) for which data have been published (the "Identification Table"). A matching procedure is employed to find positional agreement between catalog sources and the positions in the Identification Table. From this procedure we have set the Ref/ID flag. If the Ref/ID entry is blank for a particular source, this means that we have no record of published material pertaining to the source. Otherwise, we enter a code for the suggested identification or a nonspecific indicator. The codes are

- AGN Active galactic nucleus
- BL BL Lac object
- CLG Cluster (or group) of galaxies
- CV Cataclysmic variable
- G Galaxy
- GLB Globular cluster
- P Pulsar
- Q Quasar
- RS Radio source
- S Star
- SNR Supernova remnant
- SY Seyfert galaxy
- * Nonspecific indicator for separations < 100"
- † Nonspecific indicator for separations between 100" and 150"

One can find the desired entries in the Identification Table by examining positions close to the source position of interest. Since the catalog number (for sources) and the sequence number of the observation are given in this table, the user can verify which entry (in the case of several close positions) caused the Ref/ID flag to be set. The actual offset between source position and entry in the Identification Table depends on which sort of flag has been set, but it will always be less than 100'' if the optical type is specified or the asterisk appears (see Appendix I for details). Each entry in the Identification Table contains a reference number to a published paper in the reference list which follows the table.

We have adopted the asterisk to indicate the following three situations: (a) the reference does not contain an optical identification, (b) there is more than one reference and there is disagreement as to the optical type, and (c) the optical class cannot be categorized as one of the common types, e.g., the Galactic center, gamma-ray burster, nebula, and so on.

The symbol † is used if an identification entry exists between 100'' and 150'' from the source *and* there is no identification entry < 100'' from the source position. This symbol replaces whatever object type is listed in Table I.2, because it will often be the case that the published paper is actually dealing with a different (but adjacent) source. Please note that this flag means only that there is an identification within the specified separation.

We must warn users that we have made no attempt to evaluate the accuracy or relevance of published identifications. The main purpose is to provide references, and we assume that users will read the indicated reference and perform their own evaluation. Further discussion about the Ref/ID flag is given in Appendix I.

6 Computer-readable (FITS) Catalog

We have created a version of the catalog on FITS (Flexible Image Transport System) tapes and cdroms. Volume 1 (this volume) comprises the primary documentation for the FITS version, which is designed to provide all basic data of the catalog. In addition, a number of descriptive text files (ASCII) are included with the FITS release. Table 6.0 gives a summary of the contents of the FITS version.

Table 6.0
Contents of EOSCAT FITS Release 1 (1990 January 1)

Divided among the 3 cdroms (files for 8 hours of R.A. on each):	
Intensity maps	IhhmmDdd.XIA (FITS)
Exposure maps	IhhmmDdd.REA (FITS)
Merged maps	MhhmmDdd.XIA (FITS)
Merged exposure maps	MhhmmDdd.REA (FITS)
Repeated on each of the 3 cdroms:	
3 upper-limit arrays	ULA.DS ULA.BE ULA.ICF (FITS)
Vignetting array	VIG.CON (FITS)
List of documentation files	README.DOC (ASCII)
Documentation files	See README.DOC for names (ASCII)
Source list	IPCSLIST.ASC (ASCII)
Sequence number index	SEQNINDEX.ASC (ASCII)
Field center index	FCENINDEX.ASC (ASCII)

The X-ray intensity and exposure maps (cf. Table 6.0) are given as two files named "IhhmmDdd.xia" and "IhhmmDdd.rea," where "hhmm" gives the hours and minutes (R.A.) of the field center, "D" is the sign of the declination (N or S), "dd" denotes the degrees of declination, "xi" denotes X-ray intensity, and "re" denotes "relative exposure." For those cases where the filename is not unique, the final letter in the extension is incremented from "a" to "b," etc. There are four additional FITS files which allow estimation of upper limits and flexible background manipulation. These arrays are conformal to (the unrolled) intensity maps, and are called: ula.ds; ula.be; ula.icf; and vig.con. A set is included on each disk for convenience.

The key words contain the field description parameters (see § 3), and the source tables are provided as (ASCII) tables attached to the intensity array. A version of the complete source list (§ 8) is also provided in ASCII. To obtain a copy of the FITS version, contact the High Energy Division of the Center for Astrophysics (attention: *Einstein* Catalog Office) at the address given in § 7.

6.1 Arrays

The map arrays are the standard smoothed data (256 × 256 pixels). They are presented as integers, scaled to ±32,767 (with the appropriate value of BSCALE and BZERO to recover the same units as those used in the catalog). We convert the intensity map into integers by finding the maximum and minimum values of the array, MX and MN. Then the data in each pixel are scaled using the expression

$$\text{Tape} = (\text{true} - \text{BZERO})/\text{BSCALE},$$

where BSCALE and BZERO are determined from MX and MN:

$$\text{BSCALE} = (\text{MX} - \text{MN})/65,534, \quad \text{and} \quad \text{BZERO} = (\text{MX} + \text{MN})/2.$$

The exposure maps are conformal to the intensity map, with zoom 3 and size 256×256 pixels. They are the same ones used for the gray scales in this catalog, but scaled to a peak value of 10,000, i.e., no offset, no negative numbers.

6.2 Keywords and Field Descriptors

The field description will include the sequence number, the counts which are used for the background map, the 3σ level (the first contour level in the printed version of the catalog), and the entries which are listed under the plots in the printed version.

Keywords are chosen so as to conform to standard FITS protocol. We have further modified a few of these so as to conform to AIPS usage. The FITS header takes care of all field descriptor quantities. Examples follow.

Example of the FITS header for the intensity map, file I0418N27.XIA (sequence I3843)

```

SIMPLE      =                T / CONFORMS TO BASIC FORMAT
BITPIX      =                16 / BITS PER PIXEL
NAXIS       =                2 / NUMBER OF AXES
NAXIS1      =                256 / RA AXIS DIMENSION
NAXIS2      =                256 / DEC AXIS DIMENSION
EXTEND      =                T / T MEANS STANDARD EXTENSIONS EXIST
BSCALE      =    0.002436403 / TRUE = [TAPE*BSCALE]+BZERO
BZERO       =    77.937652588 / OFFSET TO TRUE PIXEL VALUES
MAP_TYPE    =    'INTENSITY' / INTENSITY OR RELATIVE EXPOSURE MAP
BUNIT       =    'CTS/SQARCMIN' / INTENSITY TRUE UNITS
CRVAL1      =    64.708 / RA REF POINT VALUE (DEGREES)
CRPIX1      =    128.500 / RA REF POINT PIXEL LOCATION
CDELT1      =   -0.006666700 / RA INCREMENT ALONG AXIS (DEGREES)
CTYPE1      =    'RA-TAN' / RA TYPE
CROTA1      =    0.000 / RA ROTATION
CRVAL2      =    27.801 / DEC REF POINT VALUE (DEGREES)
CRPIX2      =    128.500 / DEC REF POINT PIXEL LOCATION
CDELT2      =    0.006666700 / DEC INCREMENT ALONG AXIS (DEGREES)
CTYPE2      =    'DEC-TAN' / DEC TYPE
CROTA2      =    0.000 / DEC ROTATION
EPOCH       =    1950.0 / EPOCH OF COORDINATE SYSTEM
ARR_TYPE    =    4 / 1=DP, 3=FP, 4=I
DATAMAX     =    157.769 / PEAK INTENSITY (TRUE)
DATAMIN     =   -1.894 / MINIMUM INTENSITY (TRUE)
TSIGMA      =    1.753 / 3 SIGMA LEVEL (TRUE) AT FIELD CENTER
DSBKG       =    2549.400 / DEEP-SURVEY COUNTS IN BACKGROUND MAP
BEBKG       =   -343.747 / BRIGHT-EARTH COUNTS IN BACKGROUND MAP
ROLLANG     =    95.190 / ROLL ANGLE (DEGREES)
BAD_ASP     =    0 / 0=good, 1=bad(Do not use roll angle)
TIME_LIV    =    2065.8 / LIVE TIME (SECONDS)
OBJECT      =    'I3843' / SEQUENCE NUMBER
AVGOFFY     =    1.710 / AVG Y OFFSET IN PIXELS, 8 ARCSEC/PIXEL
AVGOFFZ     =    1.705 / AVG Z OFFSET IN PIXELS, 8 ARCSEC/PIXEL
RMSOFFY     =    0.000 / ASPECT SOLN RMS Y PIXELS, 8 ARCSEC/PIX
RMSOFFZ     =    0.000 / ASPECT SOLN RMS Z PIXELS, 8 ARCSEC/PIX
TELESCOP    =    'EINSTEIN' / TELESCOPE
INSTRUME    =    'IPC' / FOCAL PLANE DETECTOR
OBSERVER    =    '134' / OBSERVER #: 0=CFA; 1=CAL; 2=MIT; 3=GSFC
GALL        =    169.650 / GALACTIC LONGITUDE OF FIELD CENTER
GALB        =   -15.300 / GALACTIC LATITUDE OF FIELD CENTER
DATE_OBS    =    '80/053' / YEAR & DAY NUMBER FOR OBSERVATION START
DATE_STP    =    '80/053' / YEAR & DAY NUMBER FOR OBSERVATION STOP
NH          =    0.112E+22 / COLUMN DENSITY OF HYDROGEN IN GALAXY

```

```

FFLAG   =      ' ' / FIELD FLAGS
FREFID  =      ' ' / FIELD REFERENCE & ID FLAG
TITLE   =      'T TAURI STARS: DE TAU'
ORIGIN  = HARVARD-SMITHSONIAN CENTER FOR ASTROPHYSICS'
DATE    = '23/10/1989' / DATE FILE WRITTEN
TIME    = '10:01:28' / TIME FILE WRITTEN

```

Example of the FITS header for the relative exposure map, file I0418N27.REA (sequence I3843)

```

SIMPLE   =      T / CONFORMS TO BASIC FORMAT
BITPIX  =      16 / BITS PER PIXEL
NAXIS   =      2 / NUMBER OF AXES
NAXIS1  =      256 / RA AXIS DIMENSION
NAXIS2  =      256 / DEC AXIS DIMENSION
EXTEND  =      F / T MEANS STANDARD EXTENSIONS EXIST
BSCALE  =      0.000100000 / TRUE = [TAPE*BSCALE]+BZERO
BZERO   =      0.000000000 / OFFSET TO TRUE PIXEL VALUES
MAP_TYPE = 'REL_EXPOSURE' / INTENSITY OR RELATIVE EXPOSURE MAP
BUNIT   =      ' ' / DIMENSIONLESS PEAK EXPOSURE FRACTION
CRVAL1  =      64.708 / RA REF POINT VALUE (DEGREES)
CRPIX1  =      128.500 / RA REF POINT PIXEL LOCATION
CDELTA1 = -0.006666700 / RA INCREMENT ALONG AXIS (DEGREES)
CTYPE1  = 'RA-TAN' / RA TYPE
CROTA1  =      0.000 / RA ROTATION
CRVAL2  =      27.801 / DEC REF POINT VALUE (DEGREES)
CRPIX2  =      128.500 / DEC REF POINT PIXEL LOCATION
CDELTA2 = 0.006666700 / DEC INCREMENT ALONG AXIS (DEGREES)
CTYPE2  = 'DEC-TAN' / DEC TYPE
CROTA2  =      0.000 / DEC ROTATION
EPOCH   =      1950.0 / EPOCH OF COORDINATE SYSTEM
ARR_TYPE =      4 / 1=DP, 3=FP, 4=I
DATAMAX =      1.000 / PEAK INTENSITY (TRUE)
DATAMIN =      0.000 / MINIMUM INTENSITY (TRUE)
ROLL_ANG =      95.190 / ROLL ANGLE (DEGREES)
BAD_ASP =      0 / 0=good, 1=bad(Do not use roll angle)
TIME_LIV =      2065.8 / LIVE TIME (SECONDS)
OBJECT  = 'REM3843' / SEQUENCE NUMBER
AVGOFFY =      1.710 / AVG Y OFFSET IN PIXELS, 8 ARCSEC/PIXEL
AVGOFFZ =      1.705 / AVG Z OFFSET IN PIXELS, 8 ARCSEC/PIXEL
RMSOFFY =      0.000 / ASPECT SOLN RMS Y PIXELS, 8 ARCSEC/PIX
RMSOFFZ =      0.000 / ASPECT SOLN RMS Z PIXELS, 8 ARCSEC/PIX
TELESCOP = 'EINSTEIN' / TELESCOPE
INSTRUME = 'IPC' / FOCAL PLANE DETECTOR
OBSERVER = '134' / OBSERVER #: 0=CFA; 1=CAL; 2=MIT; 3=GSFC
GALL    =      169.650 / GALACTIC LONGITUDE OF FIELD CENTER
GALB    =      -15.300 / GALACTIC LATITUDE OF FIELD CENTER
DATE_OBS = '80/053' / YEAR & DAY NUMBER FOR OBSERVATION START
DATE_STP = '80/053' / YEAR & DAY NUMBER FOR OBSERVATION STOP
TITLE   =      'T TAURI STARS: DE TAU'
ORIGIN  = HARVARD-SMITHSONIAN CENTER FOR ASTROPHYSICS'
DATE    = '23/10/1989' / DATE FILE WRITTEN
TIME    = '10:02:13' / TIME FILE WRITTEN

```

6.3 Source Tables

The source tables are nearly identical to the printed version, a source table for each field. However, the hardness ratio (where available) is included in the source table instead of in a separate appendix. The parameters are listed in Table 6.3.

Table 6.3
Source Parameters in the FITS Version

Column Number	Parameter	Description
1	SEQNUM	Sequence number
2	CATNUM	Catalog number
3	FLDNUM	Field number
4	RA	Source R.A. (1950) in degrees
5	DEC	Source decl. (1950) in degrees
6	POSERR	Positional error (arcsec)
7	DET_METH	Detection method (L or M)
8	CCRATE	Corrected count rate
9	CCREER	Corrected count rate uncertainty (1σ)
10	NETCELCT	Net source counts in detect cell
11	CELLBKG	Background counts in detect cell
12	S/N	Signal-to-noise ratio of detection
13	SIZCOR	Size correction factor
14	RECO	Ribs and edges code
15	OFFAXIS	Off-axis distance (arcmin)
16	HARDRAT	Hardness ratio
17	HRERRPL	Hardness ratio error (positive)
18	HRERRMN	Hardness ratio error (negative)
19	SRCFLAG	Source flag
20	REFEREN	Source Ref/ID flag

6.4 Upper-Limit Arrays

In Appendix B procedures are described to estimate upper limits for observations with stable pointings (offsets $< 2'$ and rotations $< 4^\circ$). With the use of the upper limit arrays provided with the FITS version, it is possible to rotate these arrays to match any observation with stable pointing, and then read the appropriate values from the arrays at any location. The three arrays provided are versions of those appearing in Appendix B. They have been regridded to make them conformal to the X-ray intensity maps (at zero roll angle).

The procedure commences with an examination of the “bad-aspect flag” in the FITS header of the X-ray intensity map. If this parameter is set on (value = 1), then upper limits cannot be accurately determined because discordant pointings contribute to the observation and thus there is not a unique correspondence between sky coordinates and detector coordinates. If the bad aspect flag=0, then confirm that the desired location is within the field of view and does not lie under a rib shadow. This can be accomplished by examination of the exposure map.

The three arrays, “ULA.DS” (upper limit array, deep survey), “ULA.BE” (upper limit array, bright Earth), and “ULA.ICF” (upper limit array, intensity correction factors) should be rotated by the roll angle of the X-ray map. Positive angles denote clockwise rotation.

In order to use the formalism of Appendix B, it is necessary to obtain the three required values (DS, BE, and ICF, called “B.1,” “B.2,” and “B.3” in Appendix B) by summing the map values over a 6×6 element box (i.e., equivalent to the $2\frac{1}{4}$ detect box). In most cases the “errors” introduced by using an R.A., decl. box rather than one aligned with detector coordinates will be negligible. We have chosen to provide conformal arrays for DS and BE in order to facilitate the identification of positions on the intensity map with those on the upper-limit maps.

6.5 Background Manipulation

The DS and BE maps described above are the same templates used in creating the background maps of Rev1B. Therefore, it is possible to use rotated versions of DS and BE to recover a smoothed version of the original data. Since each intensity map has had its background map subtracted before vignetting corrections were applied, the vignetting corrections should be “undone” by multiplying the vignetting array by the map array before adding the background map (which the user must generate by scaling, smoothing, and adding). It is, of course, also possible to experiment with other choices of background maps using these templates.

As an example, suppose we wish to recover a smoothed version of I0418N49.XIa before background subtraction.

- a) First we re-create the background map (BKGMAP) by scaling DS and BE by the ratio of counts listed in the FITS header (keywords DSBKG and BEBKG):

$$\text{BKGMAP} = 2.549 \times \text{DS} - 0.344 \times \text{BE}$$

- b) Next, we smooth BKGMAP with the same size Gaussian as that used for the intensity maps ($\sigma = 32''$, FWHM = $75''$) to obtain BKGMAP.SM. Although BKGMAP is free of sources, it contains linear features which should be suppressed for this application. The smoothing tool used should conserve counts.
- c) Rotate BKGMAP.SM by the roll angle, $95.^\circ 19$ clockwise, to obtain BKGMAP.SM.ROT.
- d) Multiply by a vignetting array VIG to remove the vignetting correction from the intensity map:

$$(\text{Net intensity}) = \text{I0418N49.XIa.MAP} \times \text{VIG.CON}$$

For the vignetting array, we can use either the general array, VIG.CON, and roll it to agree with the roll angle of the observation, or we can use the relative exposure map I0418N49.REa, which is already at the correct roll angle. If we choose the relative exposure map, we will also zero out the area under the rib shadows.

- e) Add the background

$$\text{ORIGINAL} = (\text{net intensity}) + \text{BKGMAP.SM.ROT}$$

7 On-Line Catalog

We have continued to maintain an on-line source list (preliminary version released 1989 January, in order to help astronomers prepare *ROSAT* proposals); "Version 3" of this list appears in § 8. When the NASA Astrophysics Master Directory system becomes operational, this list will be part of that service. Users are warned that a stand-alone source list (i.e., without the contour diagram for reference) can be misleading.

"EINLINE" is accessible by modem, INTERNET, and SPAN, and provides menu driven access to the *Einstein* IPC field list and the IPC source list. Users may also access text (ASCII) files containing descriptive information concerning the field and source parameters as well as details about other aspects of the *Einstein* data.

7.1 Access to the *Einstein* On-Line Service

- 300/1200/2400 baud modems:
dial (617) 495-7047 for use anticipated to be less than 20 minutes; dial 495-7048 for longer use.

As with most systems, some experimentation may be required. Our tests were successful with odd parity, 7 bits, and 1 stop bit; carriage return after connect.

- INTERNET: the address is 128.103.40.204, alias cfa204.harvard.edu
- SPAN: set host 6714, or if your name server is up to date; set host cfa204

Once successful, the log-in name is "einline," and the password is "xraysrus." (NB: Since UNIX is case sensitive, lowercase must be used during the log-in process.)

If you have problems or comments, contact:

Einstein Catalog Office, MS-3
Center for Astrophysics, 60 Garden Street
Cambridge, MA 02138
Telephone (617) 495-7148, FTS: 830-7148

internet - EOSCAT@cfa.harvard.edu uucp - ...!harvard!cfa!eoscat
decnet - CFA::EOSCAT (6699::EOSCAT) bitnet - EOSCAT@CFA

7.2 Future Plans

We are investigating methods to provide remote access (for down loading) of catalog images (FITS files). This would be useful for individuals who need only a few images or do not have access to a cdrom reader (§ 6).

8 The IPC Source List

Since there are often times when one needs to recover source parameters without visually inspecting the source morphology or source neighborhood, we provide a complete source list. Multiple source detections are listed together so that the results of several observations can be easily compared.

The source list contains the same information as appears on the catalog pages, but is presented in R.A. order, with identical R.A. values being sorted such that the most northerly comes first. For multiple-observation sources (those flagged with an "A" in the catalog), it was necessary to choose a position to determine the ordering, since we decided that all observations of a single source should occur together. The position was chosen to be that of the detection with the largest signal-to-noise ratio, provided that the rib and edge code (RECO) was zero (i.e., the source parameters were not affected by the ribs or edges). If all detections had nonzero RECO, then the detection with the largest signal-to-noise ratio was chosen. After the appearance of the first entry of a set all with the same catalog number, the other members of the set follow immediately in R.A. order. Once the set is finished, the next catalog number follows, as illustrated in this example:

Catalog No.	Field No.	R.A.	Decl.	(fictitious entries to show ordering)
871	3312/3	15 23 15.8	-15 21 21	
872	1515/3	15 23 16.1	+48 15 33	
	2121/8	15 23 15.5	+48 15 09	
	9966/2	15 23 17.0	+48 15 12	
873	280/6	15 23 16.8	etc.	

8.1 Contents

For a complete description of the parameters in the table, the reader is referred to relevant sections of the text indicated in square brackets in Table 8.1. For convenience, a brief summary of the Source and Ref/ID Flags is provided in the following sections.

Table 8.1
Contents of the Source List

Column	Contents
1	Catalog number; running serial number for unique sources [5.1, 5.2]
2	Sequence number/field number [5.0]
3	Right ascension (1950)
4	Declination (1950)
5	Positional error (") [5.3]
6	Count rate (counts per second, corrected for vignetting) [5.4] (a preceding asterisk warns of possible detect cell shadowing; see RECO) [5.8]
7	Count rate error (counts per second) [5.4]
8	Live time for the observation (at the field center) [3.3]
9	Net counts in the detect cell [5.7]
10	Background counts in the detect cell [5.7]
11	Signal-to-noise ratio of the detection [5.6]
12	Size correction factor [5.7]
13	Rib and edge code (RECO) [5.8]
14	Distance to the field center (')
15	Source flag [5.10]
16	Reference and identification flag [5.11]

8.2 Source Flags

- A: Additional detection(s) occurred in other field(s)
- a: Probably should be paired with another detection; separation exceeded cutoff and thus not assigned an "A" flag.
- E: Intensity corrected for source near the exposure cutoff at the field edge.
- H: A hardness ratio is available.
- I: Source detected by LDETECT near a field edge. Intensity adjusted to remove redundant exposure correction.
- L: the source parameters come from the LDETECT algorithm.

8.3 Ref/ID Flags

The adopted method provides users three levels of information. If a source has been matched with a published reference, the "Ref/ID" column of the source list will contain a character string usually indicating the object class of the suggested counterpart (Table 8.3). The suggested identifications are those published by the various authors and have not been evaluated by us.

Consulting Table I.2 (cf. Appendix I) will provide additional information, and, finally, to obtain the most complete information available, the indicated reference from Table I.3 (cf. Appendix I) may be consulted.

Table 8.3
Identification Types

AGN	Active galactic nucleus
BL	BL Lac object
CLG	Cluster of galaxies or group of galaxies
CV	Cataclysmic variable
G	Galaxy
GLB	Globular cluster
P	Pulsar
Q	Quasar
RS	Radio source (optical type not specified)
S	Star
SNR	Supernova remnant
SY	Seyfert galaxy
*	Unspecified type: indicates separation < 100"
†	Unspecified type: indicates separations between 100" and 150"

00^h00^m38.4^s — 00^h16^m39.5^s

Number		Position			Intensity		Detection Params.					Flags			
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±	LIVE- TIME	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R (')	SRC	ID
1	5670/1	00 00 38.4	-06 22 52	50	*0.0654	0.0081	2151.8	69.3	3.7	8.1	1.8	1509	19.5	H	
2	8019/1	00 01 55.3	-05 51 06	55	0.0126	0.0032	2749.6	19.9	6.1	3.9	0.9	0	15.2	H	
3	4517/1	00 02 15.5	-35 15 40	52	0.0186	0.0043	4187.9	35.9	13.1	4.2	1.0	0	22.6	L	
4	5360/1	00 02 27.2	16 04 01	51	0.0162	0.0027	5165.8	46.0	12.0	6.0	0.9	200	17.6	H	
5	4247/1	00 02 33.4	-42 05 07	43	0.0273	0.0060	1284.4	24.0	4.0	4.5	0.9	0	8.4	H	
6	5360/2	00 02 51.4	15 56 49	39	0.0280	0.0030	5165.8	98.1	15.9	9.2	3.0	0	8.9	H	
7	5360/3	00 02 52.5	16 02 51	41	0.0163	0.0025	5165.8	53.1	13.9	6.5	5.4	0	12.7	H	
8	614/1	00 02 53.6	-74 43 21	51	0.0089	0.013	1319.8	50.8	3.2	6.9	1.2	0	24.2	H	*
9	5360/4	00 03 02.4	16 00 20	47	0.0069	0.0018	5165.8	24.1	13.9	3.9	12.3	0	9.1	H	
10	4247/2	00 03 19.5	-42 01 36	51	0.0398	0.0077	1284.4	29.7	3.3	5.2	1.2	0	16.2	H	
11	3282/1	00 03 25.3	63 24 09	36	0.0282	0.0048	1827.6	38.4	4.6	5.9	1.1	0	0.4	H	S
12	5360/5	00 03 25.4	15 53 12	31	0.1106	0.0055	5165.8	426.9	16.1	20.3	1.3	0	0.2	H	Q
13	4517/2	00 03 29.5	-34 59 51	32	0.0221	0.0054	4187.9	69.0	109.0	4.0	3.8	0	1.0	L	
14	4517/3	00 03 35.3	-35 18 23	51	0.0154	0.0036	4187.9	33.4	11.6	4.1	0.8	0	19.4	L	
15	2225/1	00 04 02.8	28 44 34	48	0.192	0.017	1552.8	131.7	2.3	11.4	1.4	0	23.5	H	S
16	4934/1	00 04 08.8	72 50 52	48	0.0068	0.0019	5194.5	24.1	20.9	3.6	5.5	0	9.2	H	
17	9062/1	00 04 11.0	-02 43 10	56	*0.0065	0.0018	6249.9	20.0	12.0	3.5	0.7	805	21.7	H	
18	4934/2	00 04 27.1	72 45 45	45	0.0076	0.0020	5194.5	24.4	17.6	3.8	4.2	0	13.5	AH	
19	6898/1	00 04 05.6	72 46 03	55	0.0114	0.0032	2821.7	18.4	8.6	3.5	0.9	0	16.3	A	
20	9062/2	00 05 38.0	-02 43 25	37	0.0056	0.0014	6249.9	26.2	17.8	3.9	0.7	0	0.4	H	
21	2244/1	00 06 32.9	58 51 22	41	0.0266	0.0062	1085.1	21.4	3.6	4.3	1.4	0	1.7	H	
22	6727/1	00 06 53.9	-22 28 57	55	*0.0117	0.0031	4014.1	20.4	8.6	3.8	0.8	601	25.2	H	
23	9062/3	00 07 06.5	-02 31 09	48	0.0359	0.0040	6249.9	93.7	13.3	9.1	1.2	0	25.3	H	
24	4518/1	00 07 16.7	-35 32 55	52	0.0219	0.0047	3050.3	27.8	8.2	4.6	1.3	100	26.6	H	
25	4518/2	00 07 25.3	-35 57 32	36	0.0158	0.0031	3050.3	35.7	14.3	5.0	1.5	0	1.2	H	
26	10125/1	00 07 27.2	10 52 01	39	0.0410	0.0041	4233.2	111.3	12.7	10.0	1.4	0	12.2	AH	
27	6718/1	00 07 28.6	10 51 58	39	0.0540	0.0061	2476.3	84.7	6.3	8.9	1.3	0	12.6	AH	
28	2634/1	00 07 30.4	10 52 08	42	0.046	0.012	804.5	23.2	2.8	3.9	1.0	0	12.4	AL	
29	5951/1	00 07 28.0	-11 28 10	55	0.0227	0.0063	1688.9	15.8	3.2	3.6	0.9	200	26.9	H	†
30	608/1	00 07 34.7	-73 24 45	47	0.0169	0.0045	1523.3	17.5	4.5	3.7	0.9	0	7.7	H	*
31	4518/3	00 07 48.6	-35 43 10	51	0.0179	0.0037	3050.3	31.0	9.0	4.9	0.9	0	16.4	H	
32	6718/2	00 07 57.6	10 41 58	31	0.329	0.013	2476.3	609.7	7.3	24.5	1.2	0	0.7	AH	*
33	10125/2	00 07 56.4	10 41 52	31	0.0754	0.0050	4233.2	238.2	15.8	14.9	1.3	0	0.2	AH	*
34	2634/2	00 07 57.4	10 41 57	31	0.699	0.040	804.5	417.5	28.5	17.5	1.2	0	0.6	AL	*
35	3999/1	00 08 00.1	17 07 21	37	0.0187	0.0046	1427.3	19.8	4.2	4.1	0.8	0	0.2	H	
36	6727/2	00 08 25.0	-22 15 58	37	0.0081	0.0021	4014.1	23.8	14.2	3.9	1.5	0	2.5	H	
37	5951/2	00 08 51.1	-11 45 28	31	0.267	0.015	1688.9	335.8	5.2	18.2	1.1	0	0.2	H	CV
38	8958/1	00 09 30.1	72 55 56	59	0.0096	0.0027	5266.2	20.2	12.8	3.5	0.8	0	26.7	H	
39	5428/1	00 09 51.4	14 17 36	50	0.168	0.021	1848.4	64.3	2.7	7.9	1.6	100	38.5	H	
40	7429/1	00 11 37.4	08 40 57	42	0.0257	0.0049	2091.4	32.2	4.8	5.3	2.6	0	14.1	H	
41	7429/2	00 11 46.8	08 37 32	41	0.0413	0.0057	2091.4	56.6	5.4	7.2	1.7	0	10.4	H	
42	620/1	00 11 49.5	-74 58 10	51	0.065	0.010	1888.8	46.4	4.6	6.5	1.2	0	27.2	H	S
43	8453/1	00 12 34.6	-00 24 37	42	0.0104	0.0021	5859.1	36.2	14.8	5.1	0.9	0	13.9	H	
44	7597/1	00 12 41.9	15 55 55	65	*0.00350	0.00075	25202.9	41.5	36.5	4.7	1.1	1409	21.7	AH	
45	6834/1	00 12 44.1	15 56 42	59	*0.0049	0.0014	10109.3	21.5	15.5	3.5	0.7	906	25.4	AH	
46	608/2	00 12 43.0	-73 07 54	52	*0.0365	0.0072	1523.3	28.4	3.6	5.0	1.8	601	21.0	H	SNR
47	7597/2	00 13 17.5	16 04 17	48	*0.0096	0.0011	25202.9	114.2	48.8	8.9	1.1	601	21.8	AH	
48	6834/2	00 13 15.8	16 04 19	57	*0.0045	0.0012	10109.3	22.9	13.1	3.8	0.7	907	21.6	A	
49	10431/1	00 13 16.8	16 03 48	52	*0.00478	0.00095	17748.5	40.7	24.3	5.0	7.0	906	22.1	A	
50	10431/2	00 13 22.7	16 29 07	57	0.00368	0.00084	17748.5	37.8	36.2	4.4	0.8	0	15.8	A	
51	6834/3	00 13 27.2	15 58 47	51	0.0123	0.0016	10109.3	72.4	21.6	7.5	2.4	0	16.1	AH	CLG
52	10431/3	00 13 24.5	16 00 39	51	*0.0096	0.0013	17748.5	78.1	25.9	7.7	3.1	905	23.8	AH	CLG
53	7597/3	00 13 31.1	15 59 07	51	*0.00692	0.00086	25202.9	99.6	52.4	8.1	4.8	904	16.7	AH	CLG
54	8453/2	00 13 36.2	-00 31 45	36	0.0105	0.0019	5859.1	44.7	21.3	5.5	0.9	0	3.6	AH	
55	274/1	00 14 23.5	79 31 34	51	*0.0206	0.0035	6391.7	43.9	11.1	5.9	1.1	401	31.7	H	CLG
56	10431/4	00 14 37.2	16 27 42	41	0.00451	0.00081	17748.5	54.3	40.7	5.6	0.8	0	8.7	H	
57	10431/5	00 14 46.1	16 13 51	39	0.0108	0.0011	17748.5	128.5	33.5	10.1	1.4	0	8.7	AH	S
58	6834/4	00 14 47.1	16 13 56	51	*0.0089	0.0016	10109.3	40.9	14.1	5.5	1.0	905	23.6	AH	S
59	3457/1	00 14 49.6	16 13 45	51	0.0150	0.0025	5519.0	44.6	10.4	6.0	1.2	300	17.5	AH	S
60	4969/1	00 15 06.9	-72 07 05	52	*0.0092	0.0016	16240.7	51.2	29.8	5.7	0.9	1107	31.0	AH	
61	10432/1	00 15 14.2	16 03 26	51	0.0089	0.0014	16263.7	54.7	25.3	6.1	1.3	0	28.4	AH	
62	6834/5	00 15 10.9	16 03 45	51	*0.0102	0.0016	10109.3	57.3	19.7	6.5	1.2	705	17.0	AH	
63	10431/6	00 15 13.6	16 03 01	51	*0.0070	0.0011	17748.5	59.9	22.1	6.6	1.0	907	21.1	AH	
64	7597/4	00 15 13.7	16 03 32	48	*0.0187	0.0015	25202.9	200.6	46.4	12.8	1.3	905	25.7	AH	
65	3457/2	00 15 15.9	16 03 13	42	0.0128	0.0021	5519.0	44.2	9.8	6.0	1.0	0	12.3	AH	
66	7597/5	00 15 26.1	15 26 14	61	0.00410	0.00092	25202.9	40.7	43.3	4.4	2.4	0	29.0	AH	
67	10432/2	00 15 24.1	15 26 24	43	0.00315	0.00078	16263.7	34.7	39.3	4.0	0.8	0	8.5	AH	
68	10431/7	00 15 29.8	16 35 04	56	0.00323	0.00091	17748.5	26.7	30.3	3.5	0.8	100	23.2	AH	
69	3101/1	00 15 31.3	43 26 45	55	0.0247	0.0069	1108.4	15.3	2.7	3.6	0.8	0	17.5	AH	
70	10431/8	00 15 38.4	16 25 38	56	*0.00303	0.00078	17748.5	27.4	21.6	3.9	0.8	906	19.7	AH	
71	7597/6	00 15 41.9	16 01 18	52	*0.0059	0.0011	25202.9	54.2	38.8	5.6	1.2	401	29.5	H	
72	3101/2	00 15 42.5	43 43 56	41	0.0206	0.0055	1108.4	16.8	3.2	3.8	1.1	0	2.6	H	S
73	10432/3	00 15 47.9	15 23 36	42	0.00556	0.00095	16263.7	55.2	33.8	5.8	1.0	0	13.2	H	Q
74	3457/3	00 15 59.4	16 09 39	32	0.0380	0.0032	5519.0	155.8	13.2	12.0	1.6	0	0.2	AH	CLG
75	6834/6	00 15 57.9	16 09 55	48	*0.0275	0.0031	10109.3	96.8	19.2	9.0	1.5	501	29.5	AH	CLG
76	10432/4	00 15 59.3	16 09 52	51	0.0198	0.0025	16263.7	81.0	21.0	8.0	2.2	0	36.3	AH	CLG
77	5215/1	00 16 05.8	51 11 07	51	0.0145	0.0027	4823.1	37.5	10.5	5.4	0.9	0	18.9	AH	
78	6834/7	00 16 12.1	15 45 33	56	0.0055	0.0015	10109.3	22.2	14.8	3.7	1.0	800	26.0	AH	
79	505/1	00 16 41.8	15 12 40	52	*0.0068	0.0015	8669.4	30.5	16.5	4.5	0.8	805	20.1	AH	
80	10432/5	00 16 39.5	15 13 22	55	0.0057	0.0013	16263.7	32.8	28.2	4.2					

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
61	3101/3	00 17 00.5	44 06 18	55	*0.0351	0.0096	1108.4	15.1	1.9	3.7	0.9	705	27.3	H	
62	505/2	00 17 20.0	15 40 48	48	*0.0227	0.0024	8669.4	108.9	19.1	9.6	1.1	501	17.9	AH	
	10432/6	00 17 19.2	15 41 21	51	*0.0131	0.0019	16263.7	62.8	22.2	6.8	1.4	702	29.5	AH	
63	3457/4	00 17 21.7	15 58 55	55	*0.0082	0.0021	5519.0	22.1	8.9	4.0	1.2	501	22.4	H	
64	505/3	00 17 47.4	15 24 47	37	0.0045	0.0012	8669.4	29.4	30.6	3.8	0.7	0	0.6	H	Q
65	6012/1	00 17 59.9	28 22 38	35	0.0494	0.0061	1959.0	71.3	5.7	8.1	4.1	0	1.5	H	
66	7765/1	00 18 41.7	22 03 23	55	0.0058	0.0016	7696.0	24.2	18.8	3.7	8.1	0	18.0	H	
67	7765/2	00 18 49.2	22 14 22	41	0.0097	0.0016	7696.0	51.9	24.1	6.0	5.9	0	7.0	H	
68	7765/3	00 18 50.9	22 09 55	45	0.0058	0.0014	7696.0	28.9	22.1	4.1	9.5	0	11.0	H	
69	7765/4	00 18 56.1	22 04 54	55	0.0058	0.0015	7696.0	25.7	19.3	3.8	8.7	0	16.2	H	
70	8452/1	00 18 59.6	00 46 29	62	*0.0079	0.0022	5564.9	18.6	9.4	3.5	0.8	704	25.1	H	
71	7765/5	00 19 03.9	22 07 16	42	0.0083	0.0017	7696.0	39.3	22.7	5.0	6.5	0	13.8	H	
72	7958/1	00 19 14.7	-12 47 57	51	*0.0214	0.0026	8287.3	79.2	12.8	8.3	1.2	1108	24.4	H	
73	6836/1	00 19 21.7	79 21 03	56	*0.0054	0.0014	13587.8	29.0	24.0	4.0	0.9	1003	26.6	H	
74	9127/1	00 19 34.2	-74 48 12	51	0.0043	0.0011	13654.3	38.0	54.0	4.0	0.8	0	12.5	H	
75	8452/2	00 20 02.7	01 05 50	37	0.0070	0.0016	5564.9	28.9	16.1	4.3	0.9	0	2.6	AH	
	5114/1	00 20 02.6	01 05 56	37	0.0081	0.0020	4224.2	25.3	13.7	4.0	1.1	0	2.9	AH	
76	7765/6	00 20 14.4	22 40 29	48	*0.0303	0.0033	7696.0	98.2	16.8	9.2	1.1	702	26.3	H	
77	7958/2	00 20 19.2	-12 28 59	31	0.0473	0.0029	8287.3	292.3	27.7	16.3	1.7	0	0.6	H	S
78	7958/3	00 20 19.4	-12 01 38	56	0.0072	0.0020	8287.3	23.3	17.7	3.6	2.1	0	27.9	H	
79	8452/3	00 20 29.1	00 58 50	43	0.0089	0.0019	5564.9	31.8	15.2	4.6	0.8	0	12.4	H	Q
80	4969/2	00 21 15.0	-72 37 29	48	*0.0182	0.0018	16240.7	119.9	28.1	9.9	1.7	1509	26.6	H	
81	607/1	00 21 21.6	-72 40 38	43	0.051	0.012	631.1	19.5	1.5	4.3	1.0	0	14.3	AH	*
	4969/3	00 21 38.7	-72 40 42	56	*0.0090	0.0015	16240.7	51.7	22.3	6.0	3.4	1409	29.5	AH	GLB
82	4969/4	00 21 50.8	-72 21 28	38	0.0906	0.0030	16240.7	972.5	55.5	30.3	1.2	0	10.5	H	
83	2147/1	00 22 07.3	63 53 04	31	1.455	0.053	2380.7	2559.4	3052.6	27.4	6.8	0	1.3	L	
84	4969/5	00 22 33.1	-72 29 01	50	0.0091	0.0013	16240.7	79.2	44.8	7.1	0.9	300	18.3	H	
85	4969/6	00 22 34.5	-72 16 08	42	0.00443	0.00091	16240.7	50.5	57.5	4.9	0.6	0	6.1	H	
86	1810/1	00 23 15.3	17 00 43	44	0.0055	0.0014	7539.6	25.2	16.8	3.9	0.7	0	13.5	H	
87	1810/2	00 24 00.2	16 53 10	36	0.0082	0.0014	7539.6	45.8	19.2	5.7	1.0	0	0.2	AH	CLG
	1811/1	00 23 59.8	16 53 10	36	0.0095	0.0019	5267.9	37.2	17.8	5.0	1.0	0	0.2	AH	CLG
88	1810/3	00 24 01.7	16 43 42	43	0.0048	0.0013	7539.6	24.5	19.5	3.7	0.7	0	9.2	H	CLG
89	205/1	00 24 37.7	22 25 17	35	0.0230	0.0034	3471.6	57.1	13.9	6.8	1.1	0	3.9	AH	CLG
90	225/1	00 26 17.2	07 33 04	37	0.0342	0.0072	988.2	25.1	2.9	4.7	1.4	0	0.6	AH	CLG
91	6839/1	00 26 21.5	07 34 05	36	0.0272	0.0046	1969.8	39.5	5.5	5.9	1.4	0	2.6	AH	CLG
92	6839/2	00 26 28.8	07 25 40	43	0.0178	0.0040	1969.8	23.4	4.6	4.4	1.2	0	10.3	H	CLG
93	518/1	00 26 37.0	12 59 23	38	0.246	0.012	2747.8	403.3	6.7	19.9	1.1	0	14.3	AH	Q
	9553/1	00 26 37.6	12 59 36	31	0.211	0.011	2553.0	401.0	7.0	19.9	1.3	0	0.2	AH	Q
	9552/1	00 26 37.8	12 59 24	31	0.224	0.012	1984.2	331.4	4.6	18.1	1.4	0	0.2	AH	Q
	9551/1	00 26 38.0	12 59 30	31	0.204	0.011	2210.0	335.6	5.4	18.2	1.4	0	0.2	AH	Q
	5417/1	00 26 38.0	12 59 36	31	0.205	0.011	2201.6	335.4	4.6	18.2	1.3	0	0.2	AH	Q
	9550/1	00 26 38.1	12 59 30	31	0.206	0.011	2203.1	337.4	4.6	18.2	1.4	0	0.2	AH	Q
94	5141/1	00 26 42.3	34 21 15	51	*0.0142	0.0025	5410.1	40.7	9.3	5.8	0.9	1008	18.9	H	
95	207/1	00 27 49.4	-13 12 23	36	0.0292	0.0054	1545.0	33.4	5.6	5.4	1.3	0	0.4	H	CLG
96	4969/7	00 28 04.5	-71 59 59	55	*0.0089	0.0018	16240.7	43.3	31.7	5.0	1.0	501	31.0	EH	
97	9126/1	00 28 32.7	-74 07 55	50	0.0162	0.0022	9906.0	77.2	28.8	7.5	0.9	500	21.9	H	
98	2480/1	00 31 44.9	-07 37 55	36	0.0248	0.0045	1918.8	35.2	4.8	5.6	1.0	0	2.4	H	AGN
99	9112/1	00 31 53.7	-06 46 49	48	0.0544	0.0058	2990.7	92.8	6.2	9.3	1.4	0	16.5	H	
100	9112/2	00 32 08.9	-07 22 00	52	0.0135	0.0036	2990.7	18.7	6.3	3.7	0.8	400	22.4	H	Q
101	6005/1	00 34 12.4	33 26 33	38	0.0111	0.0031	2057.3	16.8	5.2	3.6	0.7	0	2.6	H	
102	6670/1	00 34 30.8	-01 25 28	37	0.0112	0.0027	2751.9	22.9	8.1	4.1	1.1	0	0.2	H	
103	6670/2	00 35 24.1	-01 06 02	57	*0.0130	0.0037	2751.9	16.2	4.8	3.5	0.8	704	23.9	H	
104	606/1	00 35 27.5	-72 29 60	35	0.0481	0.0068	1601.9	55.2	5.8	7.1	1.8	0	3.9	H	SNR
105	7508/1	00 35 41.6	12 10 55	39	0.0146	0.0039	1542.9	16.8	3.2	3.8	0.7	0	0.2	H	
106	6828/1	00 36 04.0	33 09 05	48	*0.0310	0.0030	11478.7	121.0	19.0	10.2	1.1	904	31.2	AH	
	6005/2	00 36 07.0	33 09 07	52	0.0285	0.0069	2057.3	19.8	3.2	4.1	1.2	100	31.3	AH	
107	7957/1	00 36 29.5	21 03 59	43	0.0112	0.0024	3894.6	30.8	11.2	4.7	1.1	0	5.7	H	
108	8989/1	00 36 37.6	-22 36 48	35	0.0441	0.0056	2113.3	67.5	6.5	7.8	1.3	0	3.0	H	
109	7957/2	00 36 50.3	20 57 10	36	0.0155	0.0026	3894.6	44.5	12.5	5.9	2.8	0	2.8	H	
110	5393/1	00 37 14.7	-02 28 35	51	0.0154	0.0027	9482.5	47.9	22.1	5.7	1.1	0	31.0	H	
111	573/1	00 37 18.3	40 15 52	42	*0.00464	0.00087	20434.6	53.0	45.0	5.4	0.8	301	11.9	H	
112	1817/1	00 37 28.7	06 33 32	47	0.0175	0.0045	1510.8	18.9	5.1	3.9	2.7	0	6.4	H	†
113	573/2	00 37 30.4	40 33 29	38	0.0538	0.0022	20434.6	625.8	45.2	24.2	1.8	300	10.2	H	
114	573/3	00 37 36.9	40 27 31	38	0.0312	0.0017	20434.6	402.4	57.6	18.8	3.1	0	5.1	EH	
115	1817/2	00 37 44.0	06 07 19	52	*0.0377	0.0079	1510.8	25.8	3.2	4.8	1.0	601	24.0	H	AGN
116	5393/2	00 37 45.7	-01 56 52	42	0.0081	0.0014	9482.5	49.0	28.0	5.6	1.5	0	11.0	H	AGN
117	5393/3	00 37 48.1	-01 53 42	47	0.0051	0.0013	9482.5	29.6	28.4	3.9	3.0	0	12.6	H	
118	7917/1	00 37 50.9	29 17 01	48	*0.0678	0.0068	4321.4	106.0	8.0	9.9	2.6	401	29.5	AH	
	7697/1	00 37 42.7	29 18 59	51	*0.0225	0.0044	4879.0	32.0	7.0	5.1	3.0	801	34.3	AH	
119	6828/2	00 38 01.9	32 42 09	42	0.0069	0.0012	11478.7	50.8	32.2	5.6	0.8	0	11.9	H	AGN
120	6828/3	00 38 12.3	32 53 19	36	0.0062	0.0011	11478.7	52.8	30.2	5.8	0.9	0	0.4	H	CLG
121	5393/4	00 38 24.7	-02 03 00	32	0.0165	0.0017	9482.5	116.3	31.7	9.6	1.1	0	0.4	H	Q
122	7957/3	00 38 35.8	20 43 41	52	*0.0242	0.0046	3894.6	33.0	6.0	5.3	1.3	1208	29.8	H	
123	573/4	00 38 40.2	40 42 41	52	*0.00389	0.00085	20434.6	42.0	42.0	4.6	0.8	803	19.4	H	
124	6828/4	00 38 44.4	32 51 20	41	0.0101	0.0013	11478.7	79.8	29.2	7.6	1.0	0	6.9	H	AGN
125	5393/5	00 38 53.6	-01 59 39	39	0.0118	0.0016	9482.5	77.1	33.9	7.3	0.9	0	8.2	H	AGN
126	7640/1	00 38 55.9	21 12 17	35	0.0093	0.0017	6512.3	44.1	20.9	5.5	12.5	0	2.7	H	
127	7640/2	00 38 58.0	-01 01 51	39	0.0205	0.0024	6512.3	91.2	19.8	8.7	6.7	0	8.2	H	
128	5393/6	00 39 05.0	21 45 38	52	0.0088	0.0017	9482.5	43.0	22.0	5.3	0.9	0	20.2	H	
129	6828/5	00 39 06.1	33 01 10	48	0.0041	0.0011	11478.7	28.7	27.3	3.8	0.6	0	13.6	H	

00^h39^m08.2^s — 00^h45^m35.2^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
130	574/1	00 39 08.2	40 57 38	43	0.00274	0.00072	35383.3	65.4	116.6	3.8	325.6	0	9.9	L	
131	573/5	00 39 08.9	40 04 59	48	*0.0285	0.0017	20434.6	320.3	43.7	16.8	5.0	1609	23.9	H	
132	5393/7	00 39 12.6	-02 06 12	42	0.0063	0.0014	9482.5	38.1	29.9	4.6	0.7	0	12.8	H	
133	7640/3	00 39 13.6	21 06 18	32	0.0209	0.0023	6512.3	98.3	20.7	9.0	5.6	0	4.4	H	
134	5393/8	00 39 18.4	-01 56 03	56	0.0047	0.0013	9482.5	26.4	24.6	3.7	0.6	0	15.3	H	
135	292/1	00 39 19.1	-09 44 05	38	0.0118	0.0026	14274.2	117.8	297.2	4.4	64.8	0	7.2	L	
136	292/2	00 39 19.5	-09 34 23	31	0.3306	0.0088	14274.2	3389.4	2179.6	37.5	4.6	0	4.9	L	CLG
137	5393/9	00 39 22.0	-01 47 17	52	*0.0073	0.0015	9482.5	34.4	16.6	4.8	0.9	702	21.1	L	
138	574/2	00 39 27.5	41 02 01	38	0.0183	0.0014	35383.3	455.3	322.7	13.4	39.4	0	6.9	AL	
	4490/1	00 39 31.8	41 02 00	38	0.0257	0.0021	10695.8	183.9	38.1	12.3	30.2	0	9.1	AH	
139	573/6	00 39 28.3	40 22 53	51	0.00327	0.00072	20434.6	47.2	60.8	4.5	0.7	0	17.1	L	
140	574/3	00 39 31.2	40 44 50	48	0.0188	0.0013	35383.3	391.7	146.3	14.2	50.3	0	15.1	AL	
	573/7	00 39 30.9	40 45 08	48	*0.0151	0.0014	20434.6	142.4	33.6	10.7	1.6	1609	26.5	A	
	5021/1	00 39 34.7	40 44 40	50	0.0224	0.0031	7757.5	64.0	16.0	7.2	2.2	0	28.1	AH	
141	573/8	00 39 31.3	40 03 19	48	*0.0842	0.0029	20434.6	867.5	43.5	28.7	1.6	906	27.7	H	
142	574/4	00 39 32.0	40 39 28	48	0.0067	0.0010	35383.3	121.0	99.0	6.6	134.2	0	20.1	AL	
	573/9	00 39 32.4	40 39 38	56	*0.00274	0.00077	20434.6	30.4	42.6	3.6	0.5	1609	23.1	A	
143	574/5	00 39 37.5	40 57 47	31	0.0070	0.0017	35383.3	178.6	947.4	4.0	25.8	0	4.7	L	
144	574/6	00 39 45.6	40 48 17	39	0.00561	0.00086	35383.3	129.6	130.4	6.4	154.8	0	11.1	AL	
	4490/2	00 39 49.6	40 48 23	51	0.0064	0.0014	10695.8	38.5	29.5	4.7	0.7	100	16.5	AH	
145	5393/10	00 39 45.6	-01 58 28	52	*0.0075	0.0015	9482.5	36.0	16.0	5.0	1.2	1007	21.1	L	
146	4490/3	00 39 52.0	41 16 36	42	0.0066	0.0014	10695.8	42.9	36.1	4.8	8.0	0	13.8	L	
147	574/7	00 39 57.1	40 59 47	31	0.1821	0.0037	35383.3	4798.3	2034.7	49.0	4.2	0	1.0	AL	G
	4490/4	00 39 57.9	40 59 53	38	0.2041	0.0053	10695.8	1536.0	45.0	38.6	4.0	0	5.5	AH	G
148	573/10	00 39 57.9	40 35 37	48	*0.0123	0.0012	20434.6	139.0	42.0	10.3	1.0	1508	25.0	A	
	5021/2	00 40 00.2	40 35 46	48	*0.0197	0.0025	7757.5	72.4	15.6	7.7	1.0	803	21.3	AH	
149	5393/11	00 40 02.8	-02 10 07	55	*0.0069	0.0017	9482.5	28.1	18.9	4.1	1.0	804	26.0	H	
150	4490/5	00 40 05.7	41 09 14	38	0.0192	0.0018	10695.8	145.0	39.0	10.7	1.4	0	6.3	AH	
	574/9	00 40 10.0	41 09 34	38	0.00890	0.00098	35383.3	207.1	144.9	9.0	98.0	0	10.7	AL	
151	574/8	00 40 07.1	41 14 50	48	0.0526	0.0020	35383.3	1075.9	156.1	26.8	19.3	0	15.9	AL	
	4490/6	00 40 09.4	41 14 53	38	0.0456	0.0027	10695.8	318.8	43.2	16.8	1.2	0	11.5	AH	
152	574/10	00 40 13.8	40 54 44	31	0.0081	0.0011	35383.3	202.7	299.3	7.1	61.9	0	5.0	L	
153	574/11	00 40 23.9	40 58 35	31	0.0174	0.0016	35383.3	439.6	603.4	10.8	27.9	0	4.7	AL	
	5021/3	00 40 29.5	40 58 44	48	*0.0448	0.0046	7757.5	107.5	14.5	9.7	3.9	602	29.1	AEH	
154	574/12	00 40 29.4	40 51 09	39	0.00556	0.00083	35383.3	130.5	122.5	6.6	169.6	0	9.6	AL	
	4490/7	00 40 31.4	40 50 45	42	0.0071	0.0014	10695.8	46.8	37.2	5.1	108.4	0	13.1	AH	
155	575/1	00 40 34.5	41 42 48	56	*0.00288	0.00070	31668.2	42.6	64.4	4.1	0.7	401	23.1	L	
156	7640/4	00 40 38.6	21 11 39	54	*0.0065	0.0018	6512.3	20.6	10.4	3.7	0.7	907	22.3	L	
157	574/13	00 40 38.8	41 01 47	39	0.00388	0.00098	35383.3	93.8	242.2	3.9	102.0	0	7.8	L	
158	4490/8	00 40 45.9	40 51 43	42	0.0080	0.0014	10695.8	53.2	30.8	5.8	110.4	0	13.0	A	
	574/14	00 40 42.8	40 51 25	41	0.00429	0.00082	35383.3	97.9	127.1	5.1	181.9	0	11.1	AL	
	5021/4	00 40 46.7	40 51 46	54	*0.0070	0.0017	7757.5	25.9	12.1	4.2	21.5	803	21.2	AH	
159	4490/9	00 40 48.0	40 54 38	42	0.0066	0.0013	10695.8	46.2	39.8	5.0	120.7	0	10.7	AH	
	5021/5	00 40 50.7	40 54 38	52	0.0072	0.0018	7757.5	25.0	15.0	3.9	18.1	100	23.5	AH	
160	574/15	00 40 50.2	40 57 46	38	0.0147	0.0012	35383.3	345.4	220.6	11.9	58.1	0	9.7	AL	
	4490/10	00 40 51.8	40 58 04	38	0.0185	0.0018	10695.8	134.9	41.1	10.2	46.9	0	8.5	AH	
	5021/6	00 40 53.0	40 57 56	50	0.0206	0.0028	7757.5	65.0	15.0	7.3	6.9	0	26.1	AH	
161	4490/11	00 40 59.5	41 08 16	42	0.0053	0.0012	10695.8	38.8	42.2	4.3	0.6	0	8.8	A	
	574/16	00 40 58.2	41 07 45	38	0.0116	0.0010	35383.3	245.6	90.4	11.0	1.2	300	14.0	AL	
162	575/2	00 41 02.1	41 11 49	57	*0.00341	0.00096	31668.2	35.4	63.6	3.6	5.1	704	31.3	H	
163	4452/1	00 41 05.4	-18 15 30	31	0.635	0.026	1832.0	866.1	114.9	24.2	1.2	0	0.2	L	S
164	574/17	00 41 07.9	41 00 31	38	0.00928	0.00097	35383.3	201.9	112.1	9.4	102.7	0	12.9	AL	
	4490/12	00 41 08.6	41 00 52	40	0.0095	0.0015	10695.8	68.6	48.4	6.3	93.9	0	10.1	A	
	575/3	00 41 12.5	41 01 28	56	*0.0058	0.0016	31668.2	32.6	50.4	3.6	0.0	501	39.6	AEH	
	5021/7	00 41 13.2	41 00 56	52	0.0104	0.0022	7757.5	30.9	12.1	4.7	15.1	0	27.6	AH	
165	4490/13	00 41 18.7	41 14 33	50	0.0102	0.0015	10695.8	64.5	31.5	6.6	0.8	0	15.7	L	
166	4490/14	00 41 45.7	41 05 23	48	0.0187	0.0020	10695.8	115.2	36.8	9.3	1.0	0	16.2	AH	
	574/18	00 41 45.2	41 05 23	48	*0.0180	0.0018	35383.3	311.0	90.4	9.7	1.2	804	20.8	AL	
	5021/8	00 41 47.5	41 05 29	51	*0.0153	0.0028	7757.5	39.1	11.9	5.5	1.4	501	31.1	AH	
167	4020/1	00 42 31.1	00 35 51	51	*0.0418	0.0076	1624.0	32.9	3.1	5.5	1.2	804	21.0	H	
168	575/4	00 42 54.9	41 51 49	38	0.00847	0.00083	31668.2	162.2	87.8	10.3	0.8	0	14.2	H	
169	575/5	00 42 58.3	41 23 41	38	0.0865	0.0022	31668.2	1615.9	92.1	39.1	1.0	100	14.9	H	
170	2082/1	00 43 20.8	-25 32 00	52	*0.0106	0.0021	7762.6	36.0	16.0	5.0	1.1	401	23.4	H	
171	575/6	00 43 37.8	41 48 25	48	*0.0198	0.0011	31668.2	363.8	81.2	17.2	2.0	701	15.7	H	
172	575/7	00 43 39.3	41 45 40	38	0.0168	0.0011	31668.2	321.4	92.6	15.8	2.3	300	14.2	H	
173	208/1	00 43 46.3	20 20 38	41	0.0174	0.0039	4308.3	51.1	38.9	4.3	1.6	0	8.5	L	CLG
174	5766/1	00 44 08.2	-21 24 34	52	0.0083	0.0017	10225.0	38.4	20.6	5.0	0.9	500	23.6	L	
175	575/8	00 44 11.0	42 04 25	51	0.0068	0.0012	31668.2	69.1	69.9	5.9	1.7	400	31.8	H	
176	5766/2	00 44 22.6	-20 59 47	35	0.0099	0.0014	10225.0	73.5	32.5	7.1	2.5	0	4.4	H	Q
177	5362/1	00 44 32.5	03 03 53	40	0.040	0.010	555.7	16.5	1.5	3.9	0.8	0	0.8	H	Q
178	3023/1	00 44 33.6	-12 08 24	35	0.0412	0.0056	1919.3	58.5	5.5	7.3	1.4	0	2.6	H	
179	5766/3	00 44 34.9	-21 03 43	35	0.0099	0.0014	10225.0	74.9	30.1	7.3	2.5	0	2.2	H	G
180	5766/4	00 44 35.7	-20 53 01	42	0.0058	0.0012	10225.0	39.9	33.1	4.7	0.8	0	9.0	L	
181	3534/1	00 44 40.9	23 59 45	31	0.467	0.014	3086.0	1076.7	7.3	32.7	1.3	0	0.4	AH	CV
	3191/1	00 44 41.4	23 59 38	31	0.517	0.025	1587.7	611.1	70.9	20.6	1.3	0	0.2	AH	CV
182	3926/1	00 44 47.2	-73 24 31	41	0.0054	0.0013	23145.8	89.3	194.7	4.1	4.9	0	5.5	L	
183	2082/2	00 44 59.3	-25 26 56	44	0.0049	0.0013	7762.6	26.2	24.8	3.7	1.6	0	7.1	H	
184	2082/3	00 45 06.7	-25 33 45	31	0.0883	0.0040	7762.6	510.4	25.6	22.0	2.4	0	0.4	H	G
185	575/9	00 45 14.6	41 24 41	51	0.0088	0.0013	31668.2	84.8	59.2	7.1	2.5	100	32.5	H	
186	3926/2														

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
187	7988/1	00 45 38.6	-73 28 58	51	0.0109	0.0018	18423.1	66.1	47.9	6.2	3.8	0	30.3	AH	*
	3926/3	00 45 36.4	-73 29 14	32	0.0049	0.0013	23145.8	82.1	191.9	3.8	4.8	0	2.6	AL	*
188	7988/2	00 45 55.6	-73 25 41	51	0.0122	0.0016	18423.1	85.7	45.3	7.5	3.3	0	27.3	AH	*
189	2660/1	00 46 05.1	31 40 51	37	0.0152	0.0035	2041.2	23.1	4.9	4.4	0.8	0	1.3	H	SY
190	196/1	00 46 06.2	01 09 41	41	0.0059	0.0016	5067.9	21.7	14.3	3.6	1.3	0	3.6	H	H
191	2246/1	00 46 07.8	57 33 03	37	0.0179	0.0038	2093.7	27.8	6.2	4.8	1.2	0	1.7	H	S
192	2082/4	00 46 20.3	-25 10 13	50	*0.0281	0.0034	7762.6	80.6	15.4	8.2	1.2	1104	29.3	H	H
193	7326/1	00 46 22.3	81 47 18	54	0.0080	0.0017	11155.4	36.2	22.8	4.7	1.6	0	26.8	H	H
194	196/2	00 46 24.1	01 17 17	47	0.0062	0.0018	5067.9	20.1	12.9	3.5	0.9	0	13.2	H	H
195	2082/5	00 46 30.7	-25 16 15	54	*0.0092	0.0021	7762.6	30.0	18.0	4.3	0.9	804	26.0	H	H
196	3926/4	00 47 19.9	-73 30 44	42	0.0067	0.0013	23145.8	101.8	143.2	5.1	1.1	0	9.9	AL	*
	7988/3	00 47 17.2	-73 30 45	59	0.0063	0.0014	18423.1	42.3	48.7	4.4	1.1	300	28.2	AH	*
197	1983/1	00 48 09.7	-09 45 16	35	0.0405	0.0058	1753.2	53.0	4.0	7.0	1.1	0	0.9	H	H
198	5123/1	00 48 52.6	29 07 51	48	0.1965	0.0087	6858.0	522.0	15.0	22.5	1.2	0	28.1	H	H
199	592/1	00 49 01.9	-71 25 39	51	*0.0432	0.0069	3070.2	45.3	6.7	6.3	1.0	804	30.1	AH	S
	591/1	00 48 47.7	-71 25 40	56	*0.042	0.011	1741.2	18.8	3.2	4.0	1.4	703	35.9	AH	S
200	8431/1	00 49 17.7	17 09 47	31	0.347	0.019	1372.8	354.7	3.3	18.7	1.3	0	0.6	H	S
201	8454/1	00 49 31.6	10 09 37	55	0.0086	0.0022	6567.1	23.1	12.9	3.9	0.8	300	26.3	H	H
202	8454/2	00 49 60.0	00 35 59	43	0.0065	0.0016	6567.1	27.6	18.4	4.1	1.2	0	12.5	H	H
203	6297/1	00 50 00.6	-72 15 10	55	*0.00365	0.00092	23349.4	36.9	50.1	4.0	0.7	803	24.7	H	H
204	8455/1	00 50 01.3	01 24 54	36	0.0078	0.0015	7211.1	41.8	19.2	5.4	0.8	0	0.9	H	H
205	6755/1	00 50 11.1	-72 47 50	39	0.0717	0.0091	1380.6	69.9	9.1	7.9	1.0	0	5.5	AH	*
	7988/4	00 50 07.6	-72 48 10	51	0.0059	0.0010	18423.1	62.3	58.7	5.7	0.9	0	16.9	AH	*
206	7988/5	00 50 14.4	-73 26 52	57	0.0045	0.0011	18423.1	39.5	54.5	4.1	1.1	500	21.8	H	L
207	3926/5	00 50 28.5	-73 35 38	48	0.0155	0.0020	23145.8	156.2	99.8	7.8	1.0	200	23.9	H	L
208	5123/2	00 50 55.8	29 13 06	36	0.0110	0.0018	6858.0	54.3	24.7	6.1	1.1	0	4.4	H	H
209	2632/1	00 50 58.2	12 25 16	31	0.342	0.017	1552.2	395.1	3.9	19.8	1.3	0	0.6	H	H
210	5123/3	00 51 01.6	29 08 53	32	0.0225	0.0023	6858.0	115.1	20.9	9.9	1.0	0	0.2	H	Q
211	7988/6	00 51 07.4	-73 04 21	35	*0.00713	0.00099	18423.1	94.7	78.3	7.2	0.9	0	5.0	H	*
212	6297/2	00 51 11.5	-72 14 01	53	*0.0049	0.0010	23349.4	55.3	71.7	4.9	0.7	703	22.0	H	H
213	5123/4	00 51 23.5	29 30 09	51	*0.0122	0.0022	6858.0	40.5	10.5	5.7	1.0	804	22.0	H	H
214	9968/1	00 51 25.7	-74 55 21	31	0.394	0.013	3347.1	981.6	15.4	31.1	1.4	0	0.8	AH	S
	9044/1	00 51 25.9	-74 55 18	31	0.302	0.014	2251.4	505.2	9.8	22.3	1.5	0	0.8	AH	S
215	5123/5	00 52 08.3	29 31 34	50	0.0232	0.0032	6858.0	63.5	14.5	7.2	1.0	500	27.0	AH	H
216	6297/3	00 52 10.7	-72 42 33	38	0.0114	0.0011	23349.4	162.3	87.7	10.3	1.9	0	13.3	AH	*
	7988/7	00 52 12.1	-72 42 51	50	*0.0121	0.0014	18423.1	101.8	43.2	8.5	2.9	1007	24.2	AH	*
217	5334/1	00 52 11.1	25 09 25	31	0.232	0.015	1471.7	254.3	4.7	15.8	1.2	0	0.2	H	Q
218	5988/1	00 52 16.2	23 50 31	42	0.0085	0.0024	2801.4	17.5	7.5	3.5	1.3	0	0.8	H	S
219	4374/1	00 52 42.1	30 01 10	55	*0.0106	0.0019	17433.8	45.8	22.2	5.6	1.3	905	31.6	EH	H
220	8991/1	00 53 08.8	-22 04 44	59	0.0135	0.0037	3846.7	18.9	8.1	3.6	1.0	0	28.2	H	H
221	209/1	00 53 09.0	26 08 20	32	0.0731	0.0065	2563.7	135.8	10.2	11.2	2.8	0	4.7	H	*
222	6297/4	00 53 12.7	-72 42 31	38	0.0104	0.0011	23349.4	156.1	95.9	9.8	2.2	0	11.0	AH	*
	7988/8	00 53 10.8	-72 42 48	51	*0.0103	0.0015	18423.1	80.0	54.0	6.9	3.3	804	26.2	AH	*
223	209/2	00 53 17.1	26 04 26	35	0.0354	0.0046	2563.7	67.8	9.2	7.7	5.1	0	0.4	H	CLG
224	8992/1	00 53 18.0	-10 35 22	51	0.0124	0.0025	5019.0	33.6	11.4	5.0	0.8	300	17.4	H	H
225	209/3	00 53 19.8	25 32 52	52	*0.0264	0.0069	2563.7	18.8	5.2	3.8	1.0	704	31.3	EH	H
226	8992/2	00 53 24.3	-10 13 57	36	0.0112	0.0021	5019.0	40.6	16.4	5.4	3.2	0	3.8	H	H
227	6297/5	00 53 43.4	-72 27 13	42	0.00282	0.00076	23349.4	47.3	115.7	3.7	0.5	0	5.1	H	H
228	8992/3	00 53 50.1	-09 52 41	48	*0.0645	0.0057	5019.0	137.3	7.7	11.4	1.3	1109	25.9	H	H
229	6297/6	00 53 52.2	-72 44 21	47	0.00301	0.00080	23349.4	44.0	94.0	3.7	0.9	0	12.1	H	H
230	6297/7	00 54 24.6	-72 37 56	40	0.00508	0.00086	23349.4	83.1	113.9	5.9	0.8	0	6.1	H	H
231	5418/1	00 54 28.0	14 02 10	55	0.0054	0.0014	11735.1	24.5	18.5	3.7	0.9	300	27.7	H	H
232	4940/1	00 54 31.7	23 09 09	32	0.162	0.015	997.9	120.9	3.1	10.9	1.3	0	0.2	H	H
233	5418/2	00 54 33.1	14 30 05	31	0.1067	0.0036	11735.1	927.0	29.0	30.0	1.3	0	0.7	AH	Q
	4248/1	00 54 32.9	14 30 05	31	0.1141	0.0065	3716.5	314.6	10.4	17.5	1.1	0	0.7	AH	Q
234	4374/2	00 54 52.5	29 41 47	48	*0.0149	0.0015	17433.8	118.8	24.2	9.9	1.1	904	23.2	AH	H
235	4374/3	00 55 06.2	30 05 02	31	0.0269	0.0015	17433.8	348.4	39.6	17.7	1.4	0	0.2	AH	G
	463/1	00 55 06.1	30 04 34	40	0.0164	0.0037	2023.0	24.7	6.3	4.4	0.9	0	0.4	AH	G
236	8456/1	00 55 35.3	00 15 08	43	0.0122	0.0028	3099.3	24.6	8.4	4.3	0.9	0	11.0	H	H
237	6297/8	00 55 36.5	-72 41 44	41	0.00627	0.00094	23349.4	93.3	101.7	6.7	0.9	0	12.2	H	H
238	6297/9	00 55 52.1	-72 29 19	42	0.00356	0.00084	23349.4	56.9	124.1	4.2	0.7	0	8.9	H	H
239	4374/4	00 55 57.2	29 59 55	47	0.00258	0.00073	17433.8	29.2	38.8	3.5	0.6	0	12.1	H	H
240	6297/10	00 56 31.8	-72 34 02	42	0.00451	0.00085	23349.4	68.7	97.3	5.3	0.9	0	11.8	H	H
241	3995/1	00 56 32.2	-00 09 18	35	0.0276	0.0041	2446.0	50.5	6.5	6.7	1.0	0	0.4	H	H
242	5418/3	00 56 47.6	14 31 08	51	*0.0135	0.0022	11735.1	50.9	16.1	6.2	1.0	703	32.2	H	H
243	3925/1	00 56 50.1	-71 51 45	48	*0.0423	0.0052	19972.7	380.2	165.8	8.0	70.1	906	24.2	L	L
244	2619/1	00 57 08.4	31 33 27	31	0.979	0.029	2106.2	1531.3	122.7	33.4	1.2	0	0.7	L	SY
245	6297/11	00 57 42.4	-72 26 12	48	0.0284	0.0016	23349.4	371.5	87.5	17.3	1.1	0	17.9	AH	†
	3925/2	00 57 48.6	-72 25 53	48	0.0235	0.0021	19972.7	256.8	115.2	10.9	126.2	300	18.0	AH	†
246	7326/2	00 57 47.3	81 36 29	31	0.0545	0.0026	11155.4	452.8	32.2	20.6	1.2	0	0.4	H	S
247	3925/3	00 59 07.3	-72 27 38	48	0.0144	0.0017	19972.7	161.0	87.0	8.4	209.7	0	17.1	AL	*
	6297/12	00 59 04.9	-72 27 37	50	*0.0122	0.0013	23349.4	133.4	53.6	9.8	0.9	1209	23.4	A	*
248	2333/1	00 59 45.5	-22 18 36	50	0.0197	0.0045	4311.5	48.5	33.5	4.3	1.3	0	15.8	L	L
249	7326/3	00 59 51.4	81 55 34	62	*0.0040	0.0011	11155.4	23.0	18.0	3.6	0.9	906	19.9	L	L
250	2333/2	00 59 59.6	-21 52 47	42	0.0168	0.0031	4311.5	46.9	11.1	5.2	0.8	0	11.9	L	S
251	2333/3	01 00 14.4	-22 08 51	31	0.147	0.011	4311.5	451.8	271.2	13.9	2.8	0	4.7	L	CLG
252	2333/4	01 00 34.7	-22 12 40	41	0.0174	0.0039	4311.5	49.8	36.2	4.3	27.8	0	9.8	L	L
253	2086/1	01 00 40.0	02 05 21	50	0.0214	0.0032	6876.7	56.2	12.8	6.8	1.2	0	27.3	H	Q
254	2255/1	01 00 51.2	40 35 21	48	*0.115	0.012	2123.6	90.2	2.8	9.4	1.2	1207	29.0	H	H
255	7989/1	01 01													

01^h01^m20.1^s — 01^h11^m54.5^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
256	618/1	01 01 20.1	-73 00 24	52	*0.0370	0.0070	3196.8	33.7	7.3	5.3	1.3	803	30.5	AEH	*
257	2086/2	01 01 25.1	01 26 05	53	0.0093	0.0024	6876.7	24.6	14.4	3.9	0.9	0	27.6		
258	1818/1	01 01 27.3	24 46 06	42	0.0122	0.0035	1974.8	17.6	7.4	3.5	1.5	0	4.0	H	CLG
259	2086/3	01 01 33.5	02 09 01	54	*0.0068	0.0017	6876.7	23.0	9.0	4.1	0.7	907	20.5		
260	3925/4	01 01 35.4	-72 25 20	48	0.0112	0.0018	19972.7	127.6	142.4	6.2	188.3	0	16.1	L	*
261	2255/2	01 01 45.4	41 01 57	31	0.225	0.012	2123.6	356.7	6.3	18.7	1.1	0	0.4	H	CV
262	3925/5	01 02 20.5	-72 17 52	38	*0.7759	0.0092	19972.7	9607.6	683.4	84.4	4.9	0	12.8	AL	SNR
263	7989/2	01 02 38.6	-72 17 55	48	*0.679	0.011	25321.9	4150.9	64.1	63.9	1.3	703	33.4	AEH	SNR
264	1759/1	01 02 20.5	32 55 34	48	0.0299	0.0027	11699.5	148.0	31.0	11.1	1.4	200	25.8	H	
265	2086/4	01 02 27.3	01 45 50	38	0.0274	0.0025	6876.7	133.5	19.5	10.8	2.1	0	6.1	H	
266	2332/1	01 02 51.4	-22 09 08	52	0.0115	0.0027	4755.9	25.2	8.8	4.3	1.1	200	23.0	H	
267	1759/2	01 03 01.9	32 09 58	51	*0.0076	0.0014	11699.5	42.9	24.1	5.2	13.2	805	21.5		
268	1759/3	01 03 04.7	32 07 37	55	0.0059	0.0015	11699.5	30.6	33.4	3.8	17.2	0	23.9		
269	3925/6	01 03 18.4	-72 38 52	48	0.0427	0.0041	19972.7	270.8	189.2	10.2	60.8	0	31.6	AL	*
270	7989/3	01 03 19.1	-72 38 55	48	*0.0200	0.0014	25321.9	246.3	45.7	14.4	1.8	805	20.8	AH	*
271	2332/2	01 03 23.9	-22 02 19	48	0.0065	0.0018	4755.9	19.3	9.7	3.6	1.1	0	12.5	H	
272	1759/4	01 03 33.3	32 50 29	48	*0.0436	0.0031	11699.5	217.4	25.6	13.9	1.3	703	24.9	H	
273	1759/5	01 03 35.4	32 07 12	51	0.0110	0.0020	11699.5	50.4	32.6	5.5	9.5	0	27.5	AH	S
274	6308/1	01 03 39.5	32 07 04	43	0.0081	0.0018	6251.7	31.8	17.2	4.5	0.8	0	12.2	AH	S
275	6308/2	01 04 13.8	31 53 29	51	0.0149	0.0023	6251.7	54.5	15.5	6.5	1.4	0	15.2	AH	*
276	31/1	01 04 27.5	-04 09 17	51	*0.00314	0.00062	43652.7	60.5	83.5	5.0	0.7	702	24.8	H	
277	3925/7	01 04 35.8	-72 21 52	51	0.0092	0.0020	19972.7	81.5	111.5	4.6	210.3	0	23.6	L	
278	4538/1	01 04 39.0	61 28 04	52	0.0237	0.0056	1619.0	21.3	3.7	4.3	0.8	0	17.1	H	
279	31/2	01 04 41.3	-03 50 53	56	0.00259	0.00055	43652.7	56.1	82.9	4.8	0.8	100	21.5		
280	6308/3	01 04 42.8	32 08 55	35	0.0130	0.0019	6251.7	60.1	19.9	6.7	4.7	0	2.0	H	G
281	31/3	01 05 13.1	-03 49 53	45	0.00186	0.00047	43652.7	48.2	100.8	3.9	1.5	0	13.6	H	
282	6308/4	01 05 16.3	31 44 34	52	0.0158	0.0028	6251.7	43.2	13.8	5.7	1.1	300	24.6	H	S
283	31/4	01 05 26.9	-03 40 03	51	*0.00324	0.00055	43652.7	69.3	67.7	5.9	0.7	1209	21.7		
284	7989/4	01 05 32.0	-72 40 33	42	0.00482	0.00082	25321.9	78.7	101.3	5.9	0.8	0	11.1		*
285	31/5	01 05 36.4	-03 54 16	38	0.00661	0.00059	43652.7	199.2	114.8	11.2	1.9	0	8.1	H	
286	31/6	01 05 41.7	-03 37 54	50	*0.00570	0.00066	43652.7	117.5	65.5	8.7	1.2	1108	22.8		
287	7989/5	01 05 42.0	-72 51 15	38	0.00776	0.00096	25321.9	116.7	92.3	8.1	0.9	0	14.3	H	*
288	31/7	01 05 44.0	-04 17 03	48	0.00681	0.00067	43652.7	164.0	93.0	10.2	0.9	0	17.4	H	
289	6308/5	01 05 44.3	32 01 20	52	0.0061	0.0017	6251.7	22.5	16.5	3.6	0.7	0	16.0	H	
290	31/8	01 05 50.0	-04 04 54	38	0.00575	0.00057	43652.7	178.6	134.4	10.1	0.9	0	5.4	H	
291	2011/1	01 05 52.0	01 25 21	47	0.0110	0.0029	2836.8	18.4	5.6	3.8	0.9	0	14.5	H	
292	31/9	01 05 52.1	-03 54 14	41	*0.00267	0.00047	43652.7	82.3	132.7	5.6	4.3	0	6.3		
293	7989/6	01 05 55.8	-72 59 28	51	*0.0084	0.0010	25321.9	106.2	57.8	8.3	1.0	1006	20.3	H	*
294	31/10	01 05 56.1	-03 56 32	33	0.00226	0.00046	43652.7	71.7	140.3	4.9	5.5	0	3.7		
295	2011/2	01 06 04.7	01 19 02	42	0.0225	0.0037	2836.8	42.0	6.0	6.1	1.1	0	9.7	H	Q
296	31/11	01 06 15.1	-03 56 33	38	0.00600	0.00057	43652.7	186.3	125.7	10.5	1.2	0	5.1	H	
297	31/12	01 06 31.4	-04 08 09	42	0.00177	0.00044	43652.7	49.7	102.3	4.0	0.6	0	11.5		
298	31/13	01 06 37.9	-03 52 40	42	0.00214	0.00045	43652.7	59.2	96.8	4.7	0.7	0	12.0		
299	31/14	01 06 41.1	-04 20 53	50	0.00438	0.00068	43652.7	86.8	92.2	6.5	0.8	100	23.1		
300	10766/1	01 06 43.5	12 53 49	43	0.0182	0.0038	2587.3	29.3	7.7	4.8	2.6	0	13.6	H	
301	31/15	01 06 46.9	-04 04 25	42	0.00161	0.00045	43652.7	43.7	105.3	3.6	0.5	0	12.7		
302	31/16	01 06 53.4	-03 32 56	52	*0.00513	0.00078	43652.7	77.3	61.7	6.6	1.2	905	30.2	H	
303	31/17	01 07 02.0	-03 55 52	57	*0.00162	0.00043	43652.7	40.1	74.9	3.7	0.9	905	16.0	H	
304	7989/7	01 07 04.2	-72 40 43	36	0.00254	0.00072	25321.9	46.1	123.9	3.5	0.5	0	4.1		*
305	4919/1	01 07 04.4	59 48 41	32	0.0809	0.0078	1889.6	113.7	5.3	10.4	1.1	0	0.6	H	CV
306	8464/1	01 07 07.4	38 24 31	54	*0.0126	0.0029	11541.4	29.5	17.5	4.3	1.2	904	31.8	EH	
307	10105/1	01 07 08.9	19 23 21	42	0.0149	0.0041	1528.8	17.0	5.0	3.6	0.9	0	0.6	H	
308	7989/8	01 07 09.4	-72 43 52	36	0.00479	0.00076	25321.9	86.6	102.4	6.3	1.4	0	4.2	H	*
309	31/18	01 07 12.1	-03 48 14	51	0.00295	0.00059	43652.7	61.8	89.2	5.0	0.9	200	21.6		
310	7989/9	01 07 35.3	-72 52 45	39	0.00682	0.00088	25321.9	110.7	94.3	7.7	0.8	0	11.7	H	*
311	8464/2	01 07 40.0	39 00 50	55	0.0041	0.0011	11541.4	25.9	27.1	3.6	0.8	200	16.3	H	
312	6088/1	01 07 41.5	-46 11 55	32	0.0236	0.0039	5461.1	95.9	76.1	5.9	5.6	0	0.9	L	CLG
313	2011/3	01 08 00.4	01 39 34	52	*0.0214	0.0048	2836.8	23.4	4.6	4.4	1.2	401	28.1	H	
314	6135/1	01 08 07.4	17 25 29	37	0.0083	0.0019	4399.0	26.9	12.1	4.3	11.2	0	3.1		
315	6135/2	01 08 22.9	17 23 17	32	0.0255	0.0030	4399.0	82.8	12.2	8.5	3.0	0	1.4	aAH	CLG
316	1819/1	01 08 20.1	17 24 09	42	0.0157	0.0044	1364.0	15.9	4.1	3.6	2.3	0	0.9	A	CLG
317	8464/3	01 08 28.1	38 36 28	41	0.0095	0.0014	11541.4	65.6	26.4	6.8	0.9	0	14.5	H	
318	1819/2	01 08 28.2	17 22 49	38	0.0180	0.0047	1364.0	18.0	4.0	3.8	1.5	0	3.0	aH	CLG
319	8464/4	01 08 28.6	38 59 09	39	0.0139	0.0015	11541.4	106.8	34.2	9.0	1.1	0	9.4	H	AGN
320	2663/1	01 09 11.5	-38 20 40	37	0.0183	0.0040	1893.1	25.4	5.6	4.6	1.2	0	3.6	H	
321	6135/3	01 09 16.7	17 03 13	56	0.0107	0.0029	4399.0	19.8	8.2	3.7	1.5	0	25.0	H	
322	8464/5	01 09 22.0	39 11 30	52	0.0074	0.0014	11541.4	41.0	23.0	5.1	2.6	100	21.4	H	
323	1985/1	01 09 23.6	22 28 45	42	0.0247	0.0042	2357.1	41.0	7.0	5.9	1.0	0	5.2	H	BL
324	8458/1	01 09 26.0	02 42 07	52	0.0156	0.0032	5852.7	31.3	10.7	4.8	0.9	600	28.4	H	
325	8464/6	01 10 06.3	39 13 14	52	*0.0085	0.0017	11541.4	39.1	20.9	5.1	0.9	905	27.5	H	
326	154/1	01 10 24.2	15 16 01	36	0.0146	0.0031	2610.4	27.9	8.1	4.7	3.2	0	2.6		
327	154/2	01 10 34.3	15 14 53	38	0.0120	0.0030	2610.4	22.2	7.8	4.0	3.6	0	5.0	H	
328	8458/2	01 10 35.9	02 01 46	52	0.0061	0.0017	5852.7	19.8	10.2	3.6	0.7	0	18.1		
329	203/1	01 10 54.4	-00 14 47	52	0.0228	0.0052	2461.8	22.5	4.5	4.3	1.1	0	26.0	AH	
330	6083/1	01 10 56.1	-00 14 46	56	*0.0089	0.0021	12081.0	30.8	24.2	4.2	0.9	703	28.0	AE	
331	8464/7	01 11 04.5	38 51 56	48	*0.0419	0.0031	11541.4	200.5	20.5	13.5	1.4	703	26.8	H	AGN
332	8458/3	01 11 08.4	02 06 16	48	*0.0289	0.0034	5852.7	80.3	9.7	8.5	1.2	804	23.0	H	
333	2663/2	01 11 11.5	-38 37 07	51	0.057	0.010	1893.1	34.9	3.1	5.7	1.4	100	32.3	H	
334	7116/1	01 11 20.4	-15 06 36	38	0.170	0.013	1515.9	168.2	5.8	12.8	1.3	0	11.0	H	
335	5394/1	01													

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
330	203/2	01 11 56.9	-00 14 45	42	0.0204	0.0040	2461.8	32.2	6.8	5.2	0.8	0	11.0	AH	
	6083/2	01 11 58.1	-00 15 20	50	*0.0119	0.0016	12081.0	78.0	28.0	7.6	1.0	602	16.2	AH	
331	6703/1	01 12 14.2	32 29 17	55	*0.0180	0.0049	1988.2	15.8	3.2	3.6	0.8	805	24.4	H	
332	6083/3	01 12 23.3	00 08 48	39	0.0161	0.0016	12081.0	129.6	40.4	9.9	11.1	0	11.0	AH	
	203/3	01 12 22.4	00 09 05	55	*0.0205	0.0056	2461.8	17.5	5.5	3.7	3.0	601	29.4	AH	
333	5394/2	01 12 23.4	-01 28 40	56	0.00331	0.00092	13968.4	27.4	30.6	3.6	0.6	0	15.3		
334	6083/4	01 12 38.1	00 02 45	35	0.0097	0.0013	12081.0	85.7	41.3	7.6	14.0	0	4.7		
335	5394/3	01 12 44.1	-01 42 58	31	0.0262	0.0017	13968.4	273.5	37.5	15.5	1.1	0	0.2	H	Q
336	5394/4	01 12 59.2	-01 48 18	41	0.00550	0.00098	13968.4	53.6	37.4	5.6	0.7	0	6.7	H	AGN
337	6083/5	01 13 03.9	00 05 02	42	0.0046	0.0011	12081.0	37.7	40.3	4.3	41.9	0	10.0	H	
338	5394/5	01 13 51.7	-01 45 25	55	0.0039	0.0010	13968.4	29.6	32.4	3.8	0.9	100	16.9	H	
339	3192/1	01 14 04.0	-02 45 52	31	1.516	0.045	1452.5	1639.1	224.9	33.3	1.3	0	0.1	L	CV
340	2300/1	01 14 19.7	06 33 14	38	0.219	0.014	1750.7	253.5	3.5	15.8	1.3	0	9.8	H	CV
341	8459/1	01 14 20.2	-01 23 57	55	0.0101	0.0024	6858.1	25.6	11.4	4.2	0.8	200	28.1	H	
342	270/1	01 14 29.8	08 09 59	51	0.0112	0.0017	16207.6	64.1	27.9	6.7	1.0	300	29.8	H	
343	203/4	01 14 30.0	-00 15 40	49	0.0722	0.0091	2461.8	67.4	4.6	7.9	1.2	100	29.0	AH	
	6083/6	01 14 29.3	-00 15 48	52	*0.0115	0.0021	12081.0	45.6	21.4	5.6	1.3	1107	30.7	AH	
344	5394/6	01 14 36.4	-01 38 38	59	0.0050	0.0014	13968.4	25.9	27.1	3.6	2.2	0	27.7	H	
345	6813/1	01 15 11.8	63 28 37	31	0.528	0.014	3758.4	1480.1	12.9	38.3	1.3	0	0.4	H	S
346	270/2	01 15 13.2	08 12 10	59	0.00355	0.00087	16207.6	30.7	26.3	4.1	0.7	300	19.1	H	
347	5157/1	01 15 17.7	-28 50 28	52	0.0058	0.0015	7987.1	26.6	19.4	3.9	0.9	0	15.2		
348	270/3	01 15 30.3	08 24 07	52	0.00346	0.00087	16207.6	31.1	29.9	4.0	0.7	0	17.9		
349	3900/1	01 15 47.5	-27 13 59	52	*0.077	0.018	822.7	19.5	1.5	4.2	1.5	501	31.7	H	
350	7990/1	01 15 48.8	-73 42 02	38	0.0630	0.0032	10549.9	416.3	33.7	19.6	1.1	0	12.6	AH	*
	623/1	01 15 43.3	-73 42 31	48	*0.271	0.033	440.9	67.9	1.1	8.2	1.0	904	16.3	AH	*
351	7990/2	01 16 11.8	-73 26 39	43	0.0046	0.0012	10549.9	34.5	43.5	3.9	0.6	0	6.2	H	*
352	8459/2	01 16 20.5	-01 14 59	39	0.0167	0.0021	6858.1	77.5	17.5	7.9	1.7	0	9.6	H	G
353	270/4	01 16 24.2	08 13 53	36	0.00366	0.00076	16207.6	44.2	39.8	4.8	0.8	0	1.5	H	CLG
354	7160/1	01 16 36.0	31 47 05	41	0.0372	0.0058	1780.5	45.1	4.9	6.4	1.0	0	8.4	H	AGN
355	270/5	01 16 45.4	08 02 53	42	0.00379	0.00085	16207.6	39.2	37.8	4.5	0.6	0	11.7		
356	8459/3	01 16 47.4	-01 00 14	55	0.0057	0.0015	6858.1	23.2	14.8	3.8	0.6	0	15.5	H	
357	5157/2	01 17 13.9	-28 37 04	48	0.0915	0.0048	7987.1	377.1	15.9	19.0	1.5	0	19.9	H	
358	7990/3	01 17 19.5	-73 41 11	38	0.0194	0.0020	10549.9	121.8	36.2	9.7	1.0	0	14.7	H	S
359	3900/2	01 18 08.7	-27 17 21	38	0.0252	0.0069	822.7	15.5	2.5	3.6	1.4	0	1.5	H	BL
360	7990/4	01 18 09.3	-73 16 49	52	0.0098	0.0016	10549.9	56.4	32.6	6.0	1.3	0	19.0	H	*
361	7208/1	01 18 34.5	-04 17 54	51	*0.0273	0.0049	6350.5	40.1	10.9	5.6	1.0	703	32.7	EH	
362	7766/1	01 19 20.7	32 59 53	48	0.0053	0.0014	9193.4	29.5	29.5	3.8	0.6	0	13.0	H	
363	2633/1	01 19 27.5	-01 17 59	32	0.0611	0.0060	2454.5	111.3	6.7	10.2	1.1	0	0.7	H	SY
364	3900/3	01 19 40.6	-26 55 07	52	0.071	0.016	822.7	20.3	1.7	4.3	1.1	0	30.0	H	
365	7766/2	01 19 49.3	32 46 45	50	0.0140	0.0019	9193.4	73.3	26.7	7.3	0.9	0	15.9	H	
366	5124/1	01 19 57.6	-04 36 35	37	0.0191	0.0050	1303.8	18.6	5.4	3.8	1.4	0	0.6	H	Q
367	2088/1	01 20 00.8	03 28 22	55	0.0189	0.0039	4511.6	30.5	9.5	4.8	1.0	200	29.7	H	
368	7117/1	01 20 20.3	07 09 30	31	0.686	0.028	1770.2	903.4	161.6	24.1	1.4	0	0.4	L	
369	4199/1	01 20 23.1	34 04 54	48	*0.590	0.025	3652.9	587.1	5.9	24.1	1.4	1105	32.5	EH	
370	7766/3	01 20 24.1	33 12 01	38	0.0621	0.0034	9193.4	372.0	36.0	18.4	6.5	0	11.1	H	
371	7766/4	01 20 26.9	32 56 09	42	0.0090	0.0015	9193.4	59.3	38.7	6.0	46.4	0	5.5	H	
372	7208/2	01 20 31.5	-03 37 59	56	0.0062	0.0016	6350.5	22.1	11.9	3.8	1.1	0	16.6	H	
373	7117/2	01 20 36.5	06 57 20	43	0.0224	0.0054	1770.2	25.3	3.7	4.0	0.9	0	12.7	L	
374	7766/5	01 20 50.8	32 59 38	38	0.0737	0.0035	9193.4	484.7	36.3	21.2	5.3	0	5.9	H	
375	2089/1	01 20 53.6	09 16 08	51	*0.0162	0.0025	5754.6	49.3	9.7	6.4	0.9	1509	19.3	H	Q
376	7766/6	01 21 21.2	33 22 25	55	*0.0072	0.0018	9193.4	29.4	21.6	4.1	0.7	905	24.7	H	
377	439/1	01 21 37.4	-35 19 36	48	*0.245	0.022	1008.0	129.6	1.4	11.3	1.1	501	19.9	H	
378	523/1	01 21 51.7	-59 03 54	31	1.368	0.034	2566.4	2617.5	579.5	40.1	1.6	0	0.3	L	
379	2089/2	01 22 06.5	09 03 30	39	0.0248	0.0029	5754.6	87.2	13.8	8.7	1.0	0	13.5	H	
380	2089/3	01 22 10.8	09 16 44	36	0.0111	0.0018	5754.6	47.7	15.3	6.0	1.3	0	0.6	H	G
381	4199/2	01 22 35.3	34 05 38	51	*0.0166	0.0033	3652.9	31.0	7.0	5.0	0.9	1108	19.9	H	
382	2088/2	01 22 43.4	03 50 42	56	*0.0090	0.0024	4511.6	19.8	7.2	3.8	0.7	1309	21.7	H	
383	7431/1	01 22 52.2	23 14 57	36	0.0229	0.0047	1606.4	27.4	3.6	4.9	1.1	0	0.6	H	
384	153/1	01 22 58.0	01 29 47	52	0.050	0.012	1049.9	20.0	2.0	4.3	1.5	100	28.7	H	
385	6084/1	01 23 04.5	-01 41 07	42	0.0074	0.0014	9444.2	50.1	33.9	5.5	8.1	0	5.1		
386	6084/2	01 23 26.4	-01 36 17	39	0.0149	0.0018	9444.2	91.0	30.0	8.3	4.2	0	11.9	AH	S
387	6080/1	01 23 34.7	18 54 51	38	0.0414	0.0035	5535.3	156.0	15.0	11.9	1.3	0	8.7	AH	S
	190/1	01 23 35.9	18 54 57	41	0.0587	0.0077	1559.8	61.6	3.4	7.6	1.3	0	8.7	AH	S
388	4199/3	01 24 14.4	34 07 17	52	0.0257	0.0049	3652.9	33.0	7.0	5.2	1.2	200	30.5	H	S
389	6084/3	01 24 40.3	-02 07 49	56	*0.0094	0.0023	9444.2	26.5	14.5	4.1	0.8	601	33.1	H	
390	6080/2	01 24 49.0	18 55 10	38	0.3065	0.0091	5535.3	1143.3	13.7	33.6	1.2	0	9.0	AH	
	190/2	01 24 50.5	18 55 10	38	0.274	0.016	1559.8	291.2	3.8	17.0	1.2	0	9.2	AH	
391	190/3	01 25 14.3	18 44 18	49	0.0758	0.0097	1559.8	64.1	2.9	7.8	1.1	0	18.8	AH	
	6080/3	01 25 14.7	18 44 13	48	*0.0797	0.0054	5535.3	228.8	10.2	14.8	1.3	804	19.0	AH	
392	8460/1	01 26 15.5	03 01 12	42	0.0047	0.0013	6584.3	23.0	19.0	3.5	1.0	0	2.6	H	
393	454/1	01 26 25.6	07 25 11	44	0.0154	0.0043	1496.7	16.1	3.9	3.6	0.9	0	6.0	H	*
394	8460/2	01 26 35.3	03 22 31	51	*0.0179	0.0026	6584.3	56.3	12.7	6.8	1.0	805	22.2	H	
395	7991/1	01 27 16.7	-73 45 28	35	0.0061	0.0012	11479.1	51.1	45.9	5.2	0.8	0	2.8	H	*
396	424/1	01 29 10.9	-22 37 51	51	0.0254	0.0049	2651.9	31.2	4.8	5.2	1.2	400	23.1	H	
397	3556/1	01 29 19.4	-29 57 41	51	*0.0452	0.0078	1970.6	37.1	3.9	5.8	1.1	1205	25.1	H	
398	2578/1	01 29 40.4	-04 58 36	42	*0.00390	0.00070	28587.0	65.8	75.2	5.5	0.8	501	14.5	H	
399	5768/1	01 29 44.6	-06 40 17	56	*0.0140	0.0038	3555.9	17.0	5.0	3.6	1.0	1107	30.6	H	
400	4249/1	01 30 01.7	03 30 15	43	0.0128	0.0029	3100.7	25.7	8.3	4.4	0.8	0	11.0	AH	
401	2090/1	01 30 03.8	30 22 54	42	0.00540	0.00086	19810.9	64.9	41.1	6.3	101.2	0	13.2	AH	*
	2091/1	01 30 05.9	30 22 55	43	0.0052	0.0011	13091.5	43.5	34.5	4.9	1.8</				

01^h30^m07.3^s — 01^h38^m57.8^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
402	2090/2	01 30 07.3	30 18 18	44	0.00330	0.00075	19810.9	39.3	40.7	4.4	1.2	200	13.9	H	*
403	2090/3	01 30 22.7	30 23 57	41	0.00723	0.00089	19810.9	95.6	44.4	8.1	81.2	0	9.2	AH	*
2091/2	01 30 25.3	30 23 06	42	0.0049	0.0010	13091.5	44.2	40.8	4.8	1.8	0	8.4	AH	*	
404	2091/3	01 30 25.6	30 37 37	48	0.0248	0.0020	13091.5	189.4	36.6	12.6	0.9	0	16.2	AH	*
2090/4	01 30 27.9	30 37 57	48	*0.0302	0.0017	19810.9	339.5	41.5	17.4	1.0	701	16.2	AH	*	
405	4249/2	01 30 30.8	03 23 33	36	0.0246	0.0035	3100.7	56.2	8.8	7.0	1.3	0	1.8	H	Q
406	2090/5	01 30 35.3	30 28 49	38	0.0172	0.0012	19810.9	231.6	41.4	14.0	35.6	0	8.0	AH	*
2091/4	01 30 35.1	30 28 40	38	0.0157	0.0015	13091.5	142.2	43.8	10.4	1.0	0	8.0	AH	*	
407	2090/6	01 30 40.5	30 12 13	38	0.0391	0.0019	19810.9	481.3	41.7	21.0	15.0	0	12.8	AH	*
2091/5	01 30 39.7	30 12 04	38	0.0388	0.0023	13091.5	313.8	36.2	16.8	1.0	0	13.1	AH	*	
408	2090/7	01 30 46.0	30 16 57	38	0.0212	0.0014	19810.9	285.9	48.1	15.6	25.4	0	8.2	AH	*
2091/6	01 30 44.4	30 16 37	39	0.0118	0.0013	13091.5	105.2	38.8	8.8	1.3	0	8.6	AH	*	
409	2090/8	01 31 02.3	30 24 24	31	0.3581	0.0050	19810.9	5262.0	53.0	72.2	1.7	0	0.8	AH	*
2091/7	01 31 01.5	30 24 13	31	0.3346	0.0059	13091.5	3267.7	40.3	56.8	1.2	0	0.9	AH	*	
410	2578/2	01 31 05.7	-40 33 10	69	*0.00240	0.00066	28587.0	36.1	62.9	3.6	0.6	905	19.1	H	*
411	2090/9	01 31 07.5	30 19 18	42	0.00385	0.00074	19810.9	54.8	57.2	5.2	137.2	0	5.5	AH	*
2091/8	01 31 05.3	30 19 12	38	0.00338	0.00092	13091.5	31.6	41.4	3.7	79.7	0	3.5	A	H	
412	4249/3	01 31 07.9	03 42 24	51	0.0284	0.0047	3100.7	41.6	6.4	6.0	1.1	200	22.5	H	Q
413	2578/3	01 31 10.7	-40 56 13	41	0.00678	0.00074	28587.0	137.8	89.2	9.1	1.2	0	6.2	H	*
414	7951/1	01 31 19.8	-06 57 51	54	0.0052	0.0014	9466.4	26.3	20.7	3.8	0.8	600	19.2	H	*
415	2091/9	01 31 20.6	30 22 14	42	0.00302	0.00085	13091.5	28.5	35.5	3.6	100.8	0	3.4	H	*
416	2091/10	01 31 25.4	30 34 19	48	0.00361	0.00096	13091.5	30.9	37.1	3.7	0.8	0	11.8	H	*
417	2578/4	01 31 33.6	-40 43 13	43	0.00229	0.00059	28587.0	42.2	75.8	3.9	0.6	0	12.3	H	*
418	2091/11	01 31 35.2	30 39 54	52	0.0044	0.0011	13091.5	31.9	30.1	4.0	2.2	0	19.2	H	†
419	2578/5	01 31 36.9	-40 53 29	41	0.00452	0.00069	28587.0	88.1	94.9	6.5	1.1	0	9.6	H	*
420	2578/6	01 31 37.9	-40 36 34	51	0.00451	0.00076	28587.0	70.3	70.7	5.9	0.9	0	18.2	H	*
421	2091/12	01 31 41.7	30 31 36	43	0.0050	0.0010	13091.5	42.5	33.5	4.9	0.6	0	11.1	H	*
422	2090/10	01 31 46.2	30 19 57	43	0.00311	0.00084	19810.9	41.7	41.3	3.6	0.1	0	9.6	L	*
423	2578/7	01 31 47.9	-40 48 13	39	0.00651	0.00076	28587.0	121.3	79.7	8.6	1.1	0	11.7	H	*
424	2090/11	01 31 49.6	30 40 07	51	0.00557	0.00094	19810.9	59.1	39.9	5.9	1.3	0	18.8	H	*
425	2090/12	01 32 02.4	30 14 12	48	0.0379	0.0019	19810.9	442.7	42.3	20.1	1.1	0	15.6	AH	*
2091/13	01 32 01.5	30 13 50	48	0.0389	0.0024	13091.5	289.2	30.8	16.2	1.0	0	15.7	AH	*	
426	2090/13	01 32 16.4	31 00 04	56	0.0072	0.0020	19810.9	28.1	30.9	3.7	0.7	400	39.1	H	*
427	5419/1	01 32 31.5	21 01 06	51	0.0075	0.0014	13009.7	41.0	22.0	5.2	1.0	0	24.8	H	*
428	5257/1	01 32 34.8	-41 51 26	42	0.0292	0.0055	1697.1	32.5	5.5	5.3	1.2	0	10.7	H	*
429	2578/8	01 32 43.9	-40 54 23	52	*0.00439	0.00077	28587.0	61.9	56.1	5.7	0.8	906	22.1	H	*
430	2578/9	01 32 48.1	-41 11 23	54	0.0066	0.0011	28587.0	69.1	56.9	6.2	1.3	0	29.9	H	*
431	3351/1	01 33 00.1	50 14 15	56	*0.0179	0.0049	2452.7	16.4	3.6	3.7	1.8	804	29.4	H	S
432	2090/14	01 33 01.5	30 29 39	51	0.0078	0.0012	19810.9	66.1	33.9	6.6	0.9	500	25.8	H	S
433	2578/10	01 33 03.6	-40 50 26	56	*0.00468	0.00088	28587.0	58.0	62.0	5.3	1.2	501	26.1	H	S
434	5419/2	01 33 06.4	20 30 56	48	0.00377	0.00092	13009.7	29.8	23.2	4.1	0.7	0	13.6	H	*
435	5257/2	01 33 31.4	-41 21 34	54	0.0215	0.0056	1697.1	18.2	3.8	3.9	0.9	100	21.1	H	*
436	7042/1	01 33 33.8	15 35 01	47	0.0052	0.0014	6650.7	24.3	15.7	3.8	0.7	0	7.2	H	*
437	5419/3	01 33 40.9	20 42 16	31	0.0926	0.0031	13009.7	896.8	31.2	29.4	1.3	0	0.2	AH	Q
540/1	01 33 39.9	20 42 15	31	0.1445	0.0091	2427.8	261.7	8.3	15.9	1.1	0	0.2	AH	Q	
482/1	01 33 40.2	20 42 23	31	0.143	0.011	1754.1	186.9	7.1	13.4	1.0	0	0.2	AH	Q	
438	5419/4	01 33 44.9	20 12 02	61	0.0059	0.0015	13009.7	27.3	18.7	4.0	1.0	100	30.5	H	Q
439	3351/2	01 34 03.7	50 42 00	37	0.0158	0.0033	2452.7	28.8	6.2	4.9	0.8	0	2.3	H	CV
440	7042/2	01 34 03.7	15 31 54	36	0.0052	0.0013	6650.7	25.5	16.5	3.9	0.9	0	0.8	H	G
441	905/1	01 34 24.8	-18 00 44	56	*0.0117	0.0030	5125.6	20.6	7.4	3.9	1.1	1106	30.8	H	G
442	5419/5	01 34 25.2	20 27 12	48	*0.0480	0.0027	13009.7	343.1	22.9	17.9	1.2	601	18.4	AH	S
540/2	01 34 23.7	20 27 05	48	*0.0556	0.0068	2427.8	71.8	5.2	8.2	0.9	1108	18.2	A	S	
482/2	01 34 23.7	20 27 15	50	*0.0613	0.0084	1754.1	57.1	3.9	7.3	0.9	1109	18.1	A	S	
443	5419/6	01 34 25.4	20 43 35	47	0.00356	0.00087	13009.7	30.8	26.2	4.1	0.7	0	10.6	H	S
444	480/1	01 34 50.9	32 54 24	31	0.0988	0.0044	7035.8	517.3	19.7	22.3	1.3	0	0.4	H	Q
445	513/1	01 35 01.9	03 39 32	51	0.0089	0.0017	8868.5	42.0	20.0	5.3	1.1	0	18.8	H	AGN
446	3996/1	01 35 05.5	-25 03 46	51	*0.0145	0.0031	3663.2	28.8	9.2	4.7	0.9	602	17.9	H	S
447	3996/2	01 35 17.5	-24 46 04	32	0.0450	0.0043	3663.2	122.9	12.1	10.6	1.0	0	0.2	H	S
448	513/2	01 35 22.9	03 24 53	43	0.0065	0.0013	8868.5	38.3	21.7	4.9	0.8	0	9.5	H	S
449	513/3	01 35 28.2	02 56 14	51	0.0173	0.0026	8868.5	60.2	18.8	6.8	1.1	0	26.6	H	S
450	4935/1	01 36 01.5	-56 14 28	48	0.0825	0.0074	4048.6	131.9	8.1	11.2	1.2	200	28.0	H	S
451	6953/1	01 36 16.8	-18 36 03	52	*0.0095	0.0022	6140.8	26.3	12.7	4.2	0.7	602	23.3	H	S
452	3996/3	01 36 20.8	-25 05 56	51	0.0242	0.0043	3663.2	38.2	7.8	5.6	1.3	0	24.2	H	S
453	4941/1	01 36 20.9	44 07 41	32	0.0628	0.0071	1767.7	82.6	4.4	8.9	1.2	0	0.2	H	S
454	4250/1	01 36 21.1	06 06 29	42	0.0101	0.0019	6389.2	39.2	12.8	5.4	0.8	0	13.2	H	AGN
455	6953/2	01 36 32.6	-18 12 27	31	0.2365	0.0073	6140.8	1080.0	25.0	32.5	1.3	0	0.6	AH	S
905/2	01 36 31.1	-18 12 18	31	0.1239	0.0058	5125.6	468.9	15.1	21.3	1.4	0	1.5	AH	S	
906/1	01 36 31.9	-18 12 28	31	0.132	0.010	1723.9	169.7	4.3	12.9	1.7	0	1.8	AH	S	
6952/1	01 36 32.4	-18 12 21	31	0.2384	0.0076	5661.9	1002.6	15.4	31.4	1.5	0	0.8	AH	S	
456	480/2	01 36 51.9	33 07 06	51	0.0118	0.0025	7035.8	31.9	13.1	4.7	0.9	100	28.8	H	S
457	228/1	01 37 23.5	01 16 30	35	0.0456	0.0065	1537.5	52.1	3.9	7.0	1.1	0	0.7	H	Q
458	4251/1	01 37 44.6	-01 05 03	32	0.0385	0.0043	3115.3	89.4	8.6	9.0	1.1	0	0.7	H	Q
459	6953/3	01 37 46.6	-18 04 55	51	*0.0107	0.0022	6140.8	33.4	12.6	4.9	0.9	906	19.8	H	S
460	4935/2	01 37 56.3	-56 26 42	52	0.0197	0.0041	4048.6	29.1	7.9	4.8	1.4	200	30.3	H	S
461	9113/1	01 38 06.7	-12 06 52	47	0.0134	0.0038	2003.7	17.1	5.9	3.6	1.1	0	12.0	H	CLG
462	5247/1	01 38 18.9	-68 04 04	42	0.0274	0.0056	1771.5	32.3	2.7	4.7	0.8	0	10.3	L	
463	8347/1	01 38 21.5	39 21 22	62	0.0058	0.0016	10845.4	23.5	18.5	3.6	0.6	0	29.2	H	
464	3719/1	01 38 37.0	-30 33 16	54	*0.0062	0.0017	9305.8	23.7	20.3	3.6	0.7	703	26.6	H	
465	3719/2	01 38 40.1	-30 46 56	55	0.0065	0.0018	9305.8	25.1	20.9	3.7	0.8	0	26.3	H	
466	8347/2	01 38 57.8	39 39 57	61	0.0069	0.0017	10845.4	29.4							

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
467	4250/2	01 39 22.8	05 57 21	52	0.0141	0.0031	6389.2	28.4	10.6	4.5	1.3	200	33.1	H	
468	9113/2	01 39 31.7	-11 46 37	55	*0.0160	0.0043	2003.7	17.4	4.6	3.7	0.8	502	17.9	H	
469	5247/2	01 39 36.6	-68 08 14	38	0.701	0.034	1771.5	851.8	343.2	20.8	1.7	0	8.6	L	†
470	3719/3	01 40 20.0	-30 42 21	41	0.0093	0.0015	9305.8	62.0	34.0	6.3	1.1	0	5.5	H	
471	3719/4	01 40 23.2	-30 55 01	50	0.0136	0.0019	9305.8	71.8	25.2	7.3	1.0	200	16.4	H	
472	3719/5	01 40 29.8	-30 22 04	52	0.0052	0.0014	9305.8	27.3	24.7	3.8	0.8	300	17.0	H	
473	3464/1	01 41 23.2	02 05 46	36	0.0183	0.0034	2570.9	35.1	6.9	5.4	1.0	0	0.4	H	SY
474	3714/1	01 44 12.2	-00 55 33	38	0.0313	0.0030	5725.2	122.3	13.7	10.5	1.2	0	8.3	H	AGN
475	3718/1	01 44 19.3	-01 48 49	55	*0.0070	0.0018	5826.4	21.0	9.0	3.8	1.1	703	20.2	H	
476	8366/1	01 44 29.7	35 02 44	61	*0.0064	0.0015	12636.4	30.0	20.0	4.2	1.5	601	28.2	H	
477	8366/2	01 44 43.4	34 38 56	55	*0.0100	0.0022	12636.4	33.6	22.4	4.5	0.9	703	29.9	EH	
478	8366/3	01 45 20.6	34 38 08	51	0.0116	0.0017	12636.4	63.0	21.0	6.9	2.3	0	24.5	H	
479	8366/4	01 45 41.3	34 24 49	52	0.0108	0.0021	12636.4	39.2	19.8	5.1	1.8	0	33.8	H	
480	3727/1	01 45 41.6	01 38 14	43	0.0047	0.0013	7490.8	24.6	19.4	3.7	0.7	0	5.9	H	
481	8366/5	01 45 55.2	34 48 29	42	0.0058	0.0011	12636.4	46.1	28.9	5.3	0.9	0	12.3	H	
482	8366/6	01 45 58.7	34 57 31	41	0.0073	0.0011	12636.4	61.1	29.9	6.4	1.2	0	9.3	H	
483	8366/7	01 46 18.0	35 02 22	43	0.00386	0.00091	12636.4	33.2	27.8	4.3	0.7	0	8.0	H	
484	7842/1	01 46 31.1	-21 07 60	35	0.0290	0.0048	1957.0	42.3	5.7	6.1	1.0	0	0.4	H	S
485	4021/1	01 46 45.0	-39 34 33	62	*0.0061	0.0016	11875.2	24.2	15.8	3.8	0.9	902	30.2	H	
486	3727/2	01 47 34.8	01 46 46	55	*0.0073	0.0018	7490.8	24.6	13.4	4.0	0.8	804	24.4	H	
487	4021/2	01 47 52.9	-39 41 33	51	0.0074	0.0014	11875.2	49.5	33.5	5.4	0.8	100	16.1	H	
488	8366/8	01 48 17.5	34 58 11	57	0.0036	0.0010	12636.4	24.3	21.7	3.6	0.6	500	19.2	H	
489	4021/3	01 48 27.0	-39 39 00	39	0.0133	0.0015	11875.2	103.8	36.2	8.8	1.1	0	10.3	H	
490	5769/1	01 48 34.2	-13 53 01	56	0.0111	0.0031	4477.1	18.2	7.8	3.6	1.6	400	29.7	H	
491	4021/4	01 49 16.8	-39 42 52	36	0.00408	0.00099	11875.2	36.1	40.9	4.1	0.6	0	0.2	H	
492	4021/5	01 49 31.3	-39 29 48	42	0.0067	0.0012	11875.2	50.2	34.8	5.4	0.9	0	13.2	H	
493	295/1	01 49 51.6	35 54 25	31	0.125	0.010	3838.3	357.1	238.9	12.0	6.2	0	0.8	L	CLG
494	4021/6	01 49 51.7	-39 19 60	55	*0.0054	0.0013	11875.2	29.4	24.6	4.0	0.9	401	23.3	H	
495	845/1	01 50 14.0	29 19 60	31	0.241	0.013	1960.2	351.3	4.7	18.6	1.4	0	0.2	H	S
496	5769/2	01 50 16.9	-14 12 35	43	0.0116	0.0024	4477.1	31.3	11.7	4.8	1.3	0	13.1	H	
497	5769/3	01 50 35.0	-13 58 56	35	0.0223	0.0028	4477.1	74.1	13.9	7.9	1.8	0	0.4	H	G
498	5179/1	01 50 40.9	-10 40 26	43	0.0092	0.0021	4820.3	28.1	11.9	4.4	0.9	0	12.2	H	
499	5179/2	01 50 56.0	-10 15 08	51	*0.0200	0.0031	4820.3	48.2	6.8	6.5	1.0	1509	21.4	H	Q
500	4021/7	01 50 59.8	-39 19 39	56	0.0074	0.0017	11875.2	31.0	23.0	4.2	1.5	400	30.4	H	
501	8333/1	01 51 21.2	04 41 31	48	0.0081	0.0022	3506.4	18.4	7.6	3.6	0.7	0	10.8	H	
502	5179/3	01 51 31.2	-10 38 50	37	0.0071	0.0018	4820.3	24.7	14.3	4.0	0.6	0	4.3	H	
503	8333/2	01 51 51.4	04 33 25	36	0.0114	0.0024	3506.4	29.8	8.2	4.8	1.0	0	0.6	H	
504	5179/4	01 51 52.4	-10 55 28	55	*0.0095	0.0024	4820.3	22.0	8.0	4.0	1.1	704	21.2	H	
505	8333/3	01 52 28.0	04 24 18	41	0.0214	0.0034	3506.4	47.4	7.6	6.4	1.1	0	13.2	H	
506	7698/1	01 54 22.3	31 40 08	50	*0.0256	0.0035	4658.4	63.5	10.5	7.4	1.0	501	18.8	H	
507	7698/2	01 54 26.3	31 58 15	32	0.0296	0.0031	4658.4	102.6	14.4	9.5	2.3	0	0.9	H	
508	846/1	01 57 15.3	-61 48 35	41	0.0096	0.0025	2722.9	19.5	6.5	3.8	1.1	0	0.4	H	S
509	5335/1	01 57 16.3	00 09 29	36	0.0369	0.0070	1135.5	31.2	3.8	5.3	1.1	0	0.4	H	Q
510	7710/1	01 57 30.3	12 49 13	32	0.0604	0.0053	2994.3	134.6	7.4	11.3	1.4	0	0.2	H	
511	5163/1	01 57 56.7	-08 53 57	56	0.0148	0.0038	5134.8	22.0	9.0	4.0	1.5	700	33.3	H	
512	846/2	01 58 02.5	-61 21 54	55	0.0162	0.0044	2722.9	17.4	4.6	3.7	1.2	0	27.5	H	
513	5335/2	01 58 32.4	00 19 58	48	0.370	0.026	1135.5	201.4	2.6	14.1	1.3	200	21.9	H	
514	8461/1	01 59 11.1	03 30 31	46	0.0091	0.0024	3260.9	20.8	10.2	3.7	2.6	0	6.5	H	CLG
515	1658/1	01 59 17.2	64 31 34	51	0.0132	0.0022	6381.2	48.1	15.9	6.0	0.8	400	15.5	H	
516	5163/2	02 00 31.4	-08 56 44	42	0.0128	0.0022	5134.8	46.0	16.0	5.8	1.1	0	6.3	H	
517	5163/3	02 00 55.9	-08 58 21	42	0.0103	0.0021	5134.8	34.0	13.0	5.0	0.9	0	11.5	H	
518	1658/2	02 01 53.3	64 35 33	31	0.1553	0.0058	6381.2	737.9	20.1	26.8	2.0	0	1.6	AH	SNR
	2903/1	02 01 51.4	64 35 25	31	0.163	0.011	1814.3	219.4	5.6	14.6	1.8	0	0.2	AH	SNR
519	7614/1	02 03 44.1	15 14 41	43	0.00369	0.00093	23188.7	51.5	57.5	3.9	0.8	0	13.6	L	
520	852/1	02 03 49.5	23 17 06	43	0.0053	0.0014	7032.7	25.1	16.9	3.9	0.7	0	8.1	H	
521	7614/2	02 04 05.1	14 31 00	53	*0.0063	0.0017	23188.7	50.8	43.7	3.8	1.6	501	31.6	IL	
522	7614/3	02 04 10.3	15 03 41	31	0.5274	0.0065	23188.7	9053.0	790.0	81.0	1.3	0	1.1	AL	S
	3255/1	02 04 09.8	15 03 24	48	0.189	0.018	1558.2	106.8	2.2	10.2	1.1	400	30.0	AH	S
	3187/1	02 04 10.2	15 03 33	31	0.460	0.020	1566.0	533.7	3.3	23.0	1.2	0	0.9	AH	S
	7284/1	02 04 10.6	15 03 27	48	0.450	0.024	2276.7	360.7	3.3	18.9	1.2	500	30.0	AH	S
523	7614/4	02 04 23.9	14 50 56	42	0.00406	0.00090	23188.7	60.5	58.5	4.4	0.7	0	12.3	L	
524	3978/1	02 04 49.6	02 17 30	42	0.0069	0.0014	7608.2	33.2	14.8	4.8	0.9	0	12.7	H	
525	3978/2	02 05 03.3	01 57 27	56	*0.0101	0.0024	7608.2	26.3	12.7	4.2	1.7	703	32.0	H	
526	3978/3	02 05 15.2	02 28 47	31	0.1446	0.0051	7608.2	813.7	19.3	28.2	1.5	0	0.2	H	Q
527	5388/1	02 05 22.0	-37 55 59	37	0.0070	0.0019	4277.4	22.4	14.6	3.7	0.7	0	0.4	H	
528	7614/5	02 05 28.7	14 54 40	48	0.0209	0.0018	23188.7	249.5	85.5	11.5	1.3	0	20.6	AL	
	3187/2	02 05 29.5	14 54 37	51	0.0444	0.0077	1566.0	35.4	2.6	5.7	1.1	0	20.9	AH	
529	5443/1	02 05 42.2	35 09 11	53	0.0166	0.0036	4186.8	28.2	9.8	4.6	1.1	0	26.3	H	
530	3978/4	02 06 02.6	02 18 48	51	0.0087	0.0016	7608.2	41.1	16.9	5.4	1.0	0	15.2	H	
531	5443/2	02 06 07.1	34 44 31	44	0.0093	0.0022	4186.8	27.6	13.4	4.3	0.8	0	5.2	H	
532	7828/1	02 06 15.8	-10 19 22	39	0.0402	0.0046	3216.7	85.2	8.8	8.8	1.1	0	11.2	H	
533	7828/2	02 06 19.2	-10 32 51	43	0.0114	0.0029	3216.7	21.8	8.2	4.0	0.7	0	14.7	H	
534	1241/1	02 06 19.2	52 12 34	48	0.561	0.024	2038.1	541.2	2.8	23.2	1.2	500	21.9	H	SY
535	8462/1	02 06 42.2	-00 06 17	54	0.0093	0.0025	3629.2	19.2	7.8	3.7	0.8	300	15.4	H	
536	3978/5	02 07 01.3	02 08 52	56	0.0114	0.0025	7608.2	28.7	10.3	4.6	1.7	0	32.8	H	
537	1237/1	02 07 02.7	54 20 15	55	*0.0317	0.0080	1069.4	16.8	1.2	4.0	1.0	806	21.1	H	
538	4253/1	02 07 27.3	-39 52 35	42	0.0064	0.0015	5931.5	28.2	17.8	4.2	1.0	0	0.8	H	Q
539	7828/3	02 07 28.7	-10 16 59	43	0.0110	0.0026	3216.7	24.0	8.0	4.2	0.7	0	9.0	H	
540	6729/1	02 07 44.4	-15 05 57	47	0.0160	0.0044	1519.6	16.8	4.2	3.7	0.7	0	7.5	H	
541	4920/1	02 08 27.5	-63 32 47	32	0.0611	0.0070	1803.4	82.2	5.8	8.8	1.1</				

02^h08^m41.6^s — 02^h35^m07.3^s

Number		Position			Intensity		Detection Params.			SIZE COR	RECO	R (')	Flags		
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±	LIVE-TIME	NET CTS	BKG CTS				S/N	SRC	ID
542	4253/2	02 08 41.6	-39 56 04	52	0.0067	0.0018	5931.5	23.7	15.3	3.8	0.6	0	15.1		
543	10235/1	02 08 46.1	73 47 22	53	0.0068	0.0015	9063.4	31.5	14.5	4.6	1.1	0	20.5	H	
544	3533/1	02 09 28.1	30 04 12	31	0.416	0.020	1432.8	442.7	3.3	21.0	1.2	0	0.2	H	
545	4470/1	02 10 23.5	-01 03 26	55	0.0143	0.0041	2676.4	15.7	4.3	3.5	0.8	0	25.7	H	
546	10235/2	02 11 41.8	74 01 42	85	0.0059	0.0016	9063.4	22.5	4.5	3.6	0.4	0	26.5	L	
547	10379/1	02 12 01.3	17 41 18	51	0.0091	0.0019	10821.7	39.2	27.8	4.8	0.9	0	27.4		
548	4470/2	02 12 01.3	-00 59 51	31	0.389	0.014	2676.4	768.7	7.3	27.6	1.3	0	0.9	AH	SY
	2636/1	02 12 00.6	-00 59 51	31	0.828	0.030	1771.4	1095.1	134.9	27.4	1.3	0	0.3	AH	SY
549	10235/3	02 12 49.4	73 35 42	31	0.0485	0.0028	9063.4	327.7	22.3	17.5	1.1	0	0.2	AH	BL
	7584/1	02 12 50.6	73 35 34	31	0.0733	0.0059	2967.9	162.2	6.8	12.5	1.0	0	0.2	AH	BL
550	10379/2	02 13 46.6	17 52 49	36	0.0052	0.0012	10821.7	41.5	44.5	4.5	0.7	0	0.4		
551	10379/3	02 14 58.4	18 13 33	55	0.0088	0.0018	10821.7	37.8	22.2	4.9	1.1	0	26.9	H	
552	2253/1	02 14 59.3	-03 22 07	52	*0.0223	0.0050	3482.3	24.4	5.6	4.5	1.0	702	28.9	EH	Q
553	6004/1	02 15 04.0	-51 34 17	44	0.0115	0.0032	2439.9	18.2	7.8	3.6	0.8	0	11.5	H	
554	6339/1	02 15 12.8	14 18 16	48	0.0054	0.0015	5396.1	19.1	9.9	3.6	0.9	0	11.9		
555	6339/2	02 16 06.8	14 22 43	57	*0.0082	0.0022	5396.1	19.5	8.5	3.7	1.7	602	25.2	H	
556	7563/1	02 16 54.1	62 48 04	47	0.0091	0.0025	3809.6	24.2	18.8	3.7	0.8	0	6.4	H	
557	7725/1	02 18 47.0	42 49 10	45	0.0064	0.0018	4888.3	21.4	15.6	3.5	0.8	0	7.9	H	
558	3068/1	02 19 30.8	42 48 36	31	0.449	0.011	4780.4	1598.7	18.3	39.8	1.6	0	0.2	AH	BL
	7725/2	02 19 31.1	42 48 32	32	0.0309	0.0031	4888.3	112.7	16.3	9.9	3.8	0	0.2	AH	BL
559	3068/2	02 19 41.4	42 44 28	42	0.0086	0.0020	4780.4	29.7	19.3	4.2	69.0	0	4.5	H	
560	7725/3	02 20 01.9	42 46 13	41	0.0196	0.0026	4888.3	68.2	16.8	7.4	5.7	0	6.4	AH	G
	3068/3	02 20 02.9	42 46 26	41	0.0171	0.0026	4780.4	58.0	18.0	6.7	33.1	0	6.3	AH	G
561	7725/4	02 20 03.8	42 41 56	45	0.0091	0.0021	4888.3	30.3	17.7	4.4	13.7	0	9.2	H	
562	3068/4	02 20 22.2	42 42 13	44	0.0118	0.0023	4780.4	37.1	16.9	5.0	58.8	0	11.4	A	
	7725/5	02 20 23.0	42 41 28	45	0.0077	0.0020	4888.3	24.5	15.5	3.9	18.8	0	11.6	AH	
563	3068/5	02 21 10.0	42 48 50	51	0.0167	0.0029	4780.4	43.7	13.3	5.8	1.0	0	18.5	AH	RS
	7725/6	02 21 10.6	42 48 22	51	0.0151	0.0027	4888.3	40.6	10.4	5.7	1.0	200	18.5	AH	RS
564	229/1	02 21 31.8	-08 49 21	37	0.0167	0.0040	1719.9	21.3	4.7	4.2	0.9	0	0.4	H	CLG
565	3256/1	02 21 50.7	06 45 52	32	0.0366	0.0041	3110.4	85.0	7.0	8.9	1.1	0	0.4	H	*
566	2565/1	02 21 53.2	61 52 13	36	0.0071	0.0015	6242.5	33.2	13.8	4.8	2.0	0	0.2	H	
567	2565/2	02 22 45.1	61 47 33	42	0.0078	0.0016	6242.5	33.6	14.4	4.9	1.2	0	7.8		
568	5771/1	02 23 37.5	-01 07 06	56	*0.0077	0.0022	5632.3	17.7	7.3	3.5	1.2	1509	26.9		
569	6705/1	02 24 32.2	30 45 14	48	*0.434	0.019	2447.1	505.3	5.7	22.4	1.2	603	21.9	H	
570	7285/1	02 24 40.9	67 07 27	37	0.0196	0.0047	1358.5	19.8	3.2	4.1	3.7	0	0.7	A	
	7286/1	02 24 43.4	67 08 20	38	0.046	0.012	448.4	15.4	1.6	3.7	2.4	0	0.2	AH	
571	7285/2	02 24 53.2	67 10 50	35	0.0478	0.0072	1358.5	47.4	3.6	6.6	1.7	0	2.7	AH	
	7286/2	02 25 00.9	67 11 20	37	0.054	0.013	448.4	17.4	1.6	4.0	2.0	0	4.0	AH	
572	5771/2	02 25 04.9	-01 22 54	43	0.0056	0.0015	5632.3	23.6	15.4	3.8	1.3	0	0.8	H	G
573	6705/2	02 25 17.4	31 05 24	31	0.324	0.013	2447.1	588.7	7.3	24.1	1.2	0	0.4	H	
574	6705/3	02 25 33.7	31 21 07	50	0.0426	0.0058	2447.1	58.7	6.3	7.3	1.1	0	16.5	H	AGN
575	5771/3	02 25 33.9	-01 28 58	45	0.0066	0.0017	5632.3	25.1	15.9	3.9	0.8	0	10.3	A	
	5118/1	02 25 33.8	-01 29 26	40	0.0052	0.0014	6421.2	24.9	18.1	3.8	0.7	0	0.4	A	
576	10223/1	02 25 34.3	-10 51 54	47	0.0062	0.0014	7492.3	30.6	19.4	4.3	0.7	0	11.3	H	
577	10223/2	02 25 58.6	-10 49 07	35	0.0126	0.0018	7492.3	67.7	25.3	7.0	1.1	0	4.7	H	
578	4022/1	02 26 23.5	-03 50 44	36	0.0271	0.0061	1106.6	22.3	2.7	4.5	0.8	0	0.2	H	Q
579	10223/3	02 26 52.4	-10 41 13	42	0.0103	0.0017	7492.3	49.7	20.3	5.9	1.0	0	11.4	H	
580	2335/1	02 27 00.4	-13 11 38	57	0.0069	0.0019	5723.8	21.1	13.9	3.6	1.3	0	19.1	AH	
	2334/1	02 26 59.8	-13 11 07	55	0.0176	0.0050	1521.6	15.4	3.6	3.5	0.7	0	16.5	AH	
581	2335/2	02 27 30.3	-13 29 04	42	0.0121	0.0021	5723.8	46.9	19.1	5.8	2.7	0	8.6	H	CLG
582	2335/3	02 27 39.1	-13 28 50	42	0.0085	0.0018	5723.8	33.8	19.2	4.6	3.3	0	7.0		†
583	5142/1	02 27 51.8	34 08 26	51	*0.0113	0.0022	6119.3	35.2	9.8	5.2	1.1	1007	19.7	H	*
584	2335/4	02 28 36.9	-13 21 30	44	0.0067	0.0017	5723.8	25.9	17.1	3.9	0.8	0	9.5	H	
585	3257/1	02 29 03.5	13 09 26	37	0.0153	0.0034	2193.5	25.1	4.9	4.6	1.1	0	0.4	H	BL
586	5142/2	02 29 06.7	34 27 08	56	*0.0065	0.0018	6119.3	21.9	13.1	3.7	1.0	1007	17.2	H	Q
587	2335/5	02 29 21.2	-13 32 36	52	*0.0111	0.0024	5723.8	30.5	13.5	4.6	0.9	905	21.9	H	
588	5142/3	02 29 31.5	33 51 25	51	*0.0164	0.0024	6119.3	53.4	9.6	6.7	1.1	805	19.1	H	*
589	5142/4	02 30 19.3	34 29 45	55	*0.0073	0.0020	6119.3	21.1	12.9	3.6	0.9	601	22.0	H	
590	3143/1	02 32 11.2	-09 00 22	31	0.506	0.014	3302.8	1245.4	6.6	35.2	1.3	0	0.4	H	
591	4544/1	02 32 30.7	23 21 37	42	0.0355	0.0068	1385.2	30.6	3.4	5.2	1.1	0	13.4	H	
592	2302/1	02 32 31.1	-44 00 42	38	0.632	0.042	816.0	363.5	72.5	15.0	1.5	0	5.2	L	S
593	7922/1	02 32 36.7	-04 15 03	51	*0.0319	0.0047	4484.3	52.7	7.3	6.8	1.3	701	28.6	H	
594	7922/2	02 32 48.7	-04 00 07	41	0.0205	0.0030	4484.3	56.3	10.7	6.9	1.2	0	13.7	H	
595	2728/1	02 32 50.1	59 26 25	35	0.0096	0.0015	7995.0	57.2	23.8	6.4	1.3	0	1.9	H	†
596	4412/1	02 33 24.6	06 39 19	37	0.0062	0.0013	7363.1	33.8	17.2	4.7	1.0	0	1.5	H	
597	4412/2	02 33 33.1	06 30 22	47	0.0045	0.0013	7363.1	22.1	16.9	3.5	0.5	0	9.7	H	
598	10452/1	02 33 44.4	01 51 54	48	0.0102	0.0012	20810.9	105.4	50.6	8.4	0.9	600	21.7	H	
599	4412/3	02 33 45.7	06 49 53	42	0.0089	0.0016	7363.1	42.0	17.0	5.5	0.8	0	12.3	H	S
600	4412/4	02 33 56.3	06 55 43	54	0.0055	0.0016	7363.1	21.8	16.2	3.5	0.7	0	18.7	H	
601	10452/2	02 34 01.9	01 46 57	48	0.0115	0.0012	20810.9	138.9	68.1	9.7	0.9	0	16.2	H	
602	7922/3	02 34 12.0	-03 21 54	55	0.0184	0.0041	4484.3	26.7	8.3	4.5	1.0	200	32.2	H	S
603	9285/1	02 34 12.1	16 20 36	51	0.0100	0.0016	11872.8	51.2	13.8	6.3	1.1	0	24.6	AH	
	7506/1	02 34 12.1	16 20 37	52	*0.0127	0.0030	4340.9	24.9	9.1	4.3	0.9	805	24.4	AH	
604	4412/5	02 34 26.9	06 41 44	51	0.0087	0.0017	7363.1	37.1	15.9	5.1	0.9	0	16.6	H	
605	10452/3	02 34 27.4	01 55 15	42	0.00482	0.00091	20810.9	62.2	74.8	5.3	0.9	0	13.8	H	
606	10452/4	02 34 40.7	01 57 24	43	0.00309	0.00082	20810.9	40.2	73.8	3.8	0.7	0	13.5	H	
607	10224/1	02 34 45.5	-02 10 33	39	0.0219	0.0026	5807.0	82.8	15.2	8.4	1.0	0	11.5	H	
608	4412/6	02 34 53.3	06 55 05	52	0.0096	0.0022	7363.1	28.0	12.0	4.4	1.0	0	27.6	H	
609	3258/1	02 34 55.6	28 35 08	36	0.0367	0.0060	1549.5	42.3	5.7	6.1	0.9	0	0.2	H	*
610	10452/5	02 35 07.3	01 45 39	36	0.00270	0.00074	20810.9	41.9	89.1	3.7	0.7	0	0.4		

02^h35^m19.6^s — 02^h54^m19.1^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
611	9285/2	02 35 19.6	16 48 22	55	0.0048	0.0013	11872.8	23.5	15.5	3.8	0.9	0	25.0		
612	10224/2	02 35 30.8	-02 26 27	52	*0.0091	0.0022	5807.0	25.0	10.0	4.2	0.9	702	22.6	H	
613	10452/6	02 35 33.1	01 21 38	48	0.0150	0.0016	20810.9	132.9	61.1	9.5	1.3	0	24.7	H	
614	9285/3	02 35 33.2	16 06 09	57	0.00351	0.00098	11872.8	22.5	16.5	3.6	0.7	0	18.3		
615	9285/4	02 35 36.6	16 31 45	42	0.0059	0.0010	11872.8	46.8	23.2	5.6	1.1	0	8.2	H	
616	10452/7	02 35 44.4	01 54 32	42	0.00584	0.00092	20810.9	75.7	65.3	6.4	1.2	0	12.8	H	
617	10452/8	02 35 50.9	01 41 28	38	0.0875	0.0026	20810.9	1155.1	68.9	33.0	1.2	0	11.8	H	
618	9285/5	02 35 53.1	16 24 15	31	0.0451	0.0023	11872.8	398.3	21.7	19.4	1.2	0	0.2	AH	BL
	7506/2	02 35 51.5	16 24 02	35	0.0167	0.0026	4340.9	54.1	15.9	6.5	1.2	0	0.2	AH	BL
	9562/1	02 35 52.4	16 24 23	35	0.0479	0.0071	1372.6	48.9	3.1	6.8	0.9	0	0.4	AH	BL
	9283/1	02 35 52.8	16 23 60	36	0.0271	0.0054	1480.8	29.9	5.1	5.1	0.8	0	0.2	AH	BL
	1987/1	02 35 53.0	16 24 06	41	0.0309	0.0049	2238.8	44.1	4.9	6.3	0.9	0	12.9	AH	BL
	7507/1	02 35 53.4	16 24 21	35	0.0403	0.0054	2019.4	60.5	4.5	7.5	1.0	0	0.6	AH	BL
	5691/1	02 35 53.6	16 24 13	36	0.0318	0.0054	1566.6	37.1	2.9	5.9	1.1	0	0.4	AH	BL
619	3623/1	02 36 18.6	61 30 59	47	0.0284	0.0078	756.7	14.6	1.4	3.7	1.2	0	8.5	H	
620	2013/1	02 36 19.2	-23 04 28	48	0.0058	0.0015	6825.8	26.5	20.5	3.9	0.7	0	10.6	H	
621	10452/9	02 36 22.3	01 36 08	90	*0.00393	0.00089	20810.9	39.5	41.5	4.4	1.0	1008	21.3	H	
622	245/1	02 36 25.0	-01 48 02	42	0.0118	0.0024	4078.2	31.6	10.4	4.9	0.8	0	13.5	AH	
	10224/3	02 36 23.3	-01 47 44	55	*0.0073	0.0019	5807.0	19.9	8.1	3.8	0.8	1007	22.3	A	
623	7894/1	02 36 25.1	-00 14 47	56	0.0111	0.0031	3447.6	17.8	6.2	3.6	0.9	900	22.5	H	
624	10452/10	02 36 25.7	01 44 10	51	*0.00696	0.00099	20810.9	73.1	34.9	7.0	0.9	1109	19.7	H	
625	2013/2	02 36 27.4	-22 46 36	55	0.0069	0.0017	6825.8	27.9	20.1	4.0	0.7	0	15.6	H	
626	7894/2	02 36 31.4	00 08 10	47	0.0082	0.0022	3447.6	19.7	7.3	3.8	0.8	0	6.0	H	
627	4540/1	02 36 40.7	61 01 02	35	0.123	0.017	593.3	53.9	2.1	7.2	1.1	0	0.2	AH	*
	3622/1	02 36 40.3	61 00 51	51	0.114	0.018	657.9	39.7	1.3	6.2	1.3	0	19.1	AH	*
628	7894/3	02 36 48.7	-00 14 02	48	*0.0440	0.0052	3447.6	75.6	4.4	8.4	1.3	905	21.0	H	
629	10452/11	02 36 51.7	01 37 20	68	0.0047	0.0012	20810.9	37.3	50.7	4.0	1.4	0	27.5	H	
630	9285/6	02 36 56.9	16 21 16	51	0.0038	0.0010	11872.8	26.6	25.4	3.7	0.7	0	15.6	H	
631	3259/1	02 37 15.5	-02 47 33	36	0.0238	0.0044	1861.3	33.0	5.0	5.3	0.9	0	0.4	H	*
632	7185/1	02 37 17.0	04 03 39	35	0.0186	0.0033	2884.4	38.7	7.3	5.7	1.0	0	4.4	H	
633	245/2	02 37 20.5	-01 47 14	32	0.0285	0.0033	4078.2	86.4	10.6	8.8	2.1	0	1.8		CLG
634	3259/2	02 37 30.2	-02 57 11	47	0.0156	0.0040	1861.3	19.3	4.7	3.9	0.9	0	10.3		
635	1880/1	02 37 39.0	-08 05 03	51	0.0108	0.0019	10928.3	46.9	22.1	5.6	1.4	0	27.3	H	
636	1880/2	02 37 40.0	-08 14 45	63	*0.0039	0.0011	10928.3	22.1	16.9	3.5	0.8	804	20.0	H	
637	5181/1	02 37 48.1	39 53 41	55	0.0126	0.0033	2650.5	19.7	6.3	3.9	0.8	0	15.5	H	
638	2014/1	02 37 53.0	-23 22 02	31	0.0555	0.0040	5215.8	215.6	20.4	14.0	1.1	0	0.4	AH	Q
	2013/3	02 37 51.9	-23 21 45	48	0.0408	0.0040	6825.8	119.1	15.9	10.2	1.3	0	24.8	AH	Q
	2705/1	02 37 52.1	-23 21 43	35	0.0414	0.0061	1661.2	51.2	4.8	6.8	1.1	0	0.6	AH	Q
639	3466/1	02 37 55.7	06 54 27	42	*0.0100	0.0020	5346.4	31.3	8.7	4.9	0.8	601	14.7	H	
640	1880/3	02 37 58.4	-08 37 30	39	0.0130	0.0016	10928.3	89.6	28.4	8.2	1.0	0	12.5	H	
641	1880/4	02 38 14.0	-08 13 56	55	0.0041	0.0011	10928.3	26.5	26.5	3.6	0.8	0	16.0	H	
642	1880/5	02 38 37.4	-08 27 58	32	0.0171	0.0016	10928.3	139.2	35.8	10.5	1.1	0	1.0	H	
643	3625/1	02 38 40.5	62 32 17	43	0.0115	0.0029	2674.9	20.3	6.7	3.9	0.9	0	10.5	H	
644	2014/2	02 38 52.2	-23 14 56	52	0.0110	0.0023	5215.8	33.5	15.5	4.8	0.8	0	15.6	AH	
	2013/4	02 38 52.4	-23 14 50	62	*0.0079	0.0022	6825.8	18.7	9.3	3.5	1.0	905	29.9	A	
645	3466/2	02 38 55.8	06 58 29	31	0.1626	0.0064	5346.4	648.0	11.0	25.2	1.2	0	0.9	H	SY
646	2092/1	02 39 39.6	01 11 47	56	*0.0077	0.0022	4719.6	17.7	7.3	3.5	0.8	1509	21.5	H	
647	3466/3	02 39 55.7	07 04 39	51	0.0145	0.0024	5346.4	44.3	7.7	6.1	0.9	0	16.8	H	
648	2092/2	02 40 06.7	00 44 03	52	*0.0163	0.0036	4719.6	26.8	7.2	4.6	1.1	1609	29.6	AH	AGN
649	1927/1	02 40 07.3	-00 13 29	31	0.463	0.021	1456.4	501.7	3.3	22.3	1.4	0	0.8	AH	
	1928/1	02 40 07.2	-00 13 21	31	0.388	0.018	2488.9	721.7	154.3	21.1	1.4	0	0.7	AL	
650	7510/1	02 40 12.5	11 05 32	52	0.0163	0.0043	2047.9	18.0	4.0	3.8	0.9	0	18.2	H	
651	3998/1	02 40 19.1	-21 44 54	32	0.131	0.014	941.5	91.7	3.3	9.4	1.4	0	0.4	H	
652	3466/4	02 40 21.5	06 57 52	52	*0.0093	0.0021	5346.4	24.4	6.6	4.4	0.8	1109	22.0	H	
653	3625/2	02 41 01.8	62 15 40	48	0.292	0.014	2674.9	461.8	5.2	21.4	1.2	0	15.6	H	Q
654	7510/2	02 41 40.4	10 44 58	48	0.086	0.011	2047.9	68.9	3.1	8.1	1.3	400	28.1	H	
655	4033/1	02 42 22.5	-40 47 55	51	0.00388	0.00087	19659.5	44.2	53.8	4.5	0.7	0	16.3	H	
656	7737/1	02 42 22.8	69 33 48	43	0.0148	0.0041	1811.0	16.3	3.7	3.7	0.9	0	13.3	H	
657	4033/2	02 42 27.2	-41 08 01	47	0.00269	0.00071	19659.5	36.7	58.3	3.8	0.9	0	7.9	H	
658	5448/1	02 42 47.3	-18 46 54	32	0.180	0.017	871.4	116.6	3.4	10.6	1.4	0	0.2	H	S
659	2092/3	02 42 54.1	01 06 56	52	*0.0144	0.0031	4719.6	27.0	7.0	4.6	1.0	1509	27.2	H	CLG
660	1773/1	02 42 58.3	36 41 51	41	0.0651	0.0079	1565.2	73.2	5.8	8.2	3.6	0	5.1	H	
661	2093/1	02 44 09.9	-30 29 03	31	0.0710	0.0044	5314.9	280.3	16.7	16.3	1.4	0	1.7	H	G
662	4033/3	02 44 12.6	-41 10 23	74	0.0037	0.0010	19659.5	29.9	41.1	3.5	0.9	500	25.6	H	
663	7737/2	02 44 24.0	69 25 35	31	0.230	0.013	1811.0	310.6	4.4	17.5	1.4	0	0.2	H	S
664	2661/1	02 44 37.8	19 09 54	48	*0.108	0.012	1907.7	83.9	4.1	8.9	1.4	602	27.0	H	
665	2093/2	02 44 42.3	-30 19 53	42	0.0116	0.0021	5314.9	40.6	15.4	5.4	0.8	0	10.3	H	Q
666	9138/1	02 44 51.6	-00 24 54	41	0.0585	0.0086	1352.4	48.6	2.4	6.8	1.2	0	12.9	H	
667	2661/2	02 44 52.2	19 28 34	51	0.0535	0.0099	1907.7	31.8	3.2	5.4	1.4	200	33.2	H	AGN
668	2093/3	02 45 27.5	-30 14 26	51	*0.0148	0.0027	5314.9	38.5	10.5	5.5	1.0	905	21.1	H	Q
669	7748/1	02 45 43.4	30 54 36	31	0.772	0.019	4769.9	2743.1	563.9	41.4	1.4	0	0.4	L	
670	2661/3	02 46 32.2	19 05 52	35	0.0325	0.0051	1907.7	46.0	7.0	6.3	1.0	0	0.9	H	
671	6128/1	02 47 26.7	-25 02 05	48	0.0422	0.0041	6039.3	114.5	11.5	10.2	1.2	400	23.1	H	
672	7651/1	02 47 28.0	-31 23 33	32	0.0720	0.0068	2289.3	121.5	9.5	10.6	2.1	0	1.7	H	
673	6128/2	02 49 12.4	-25 08 52	31	0.0607	0.0038	6039.3	270.8	17.2	16.0	2.1	0	2.5	H	
674	9065/1	02 50 08.9	-12 58 20	31	0.186	0.010	2563.4	355.6	7.4	18.7	1.5	0	0.4	H	
675	6698/1	02 51 13.9	41 22 38	32	0.139	0.030	748.0	75.5	94.5	4.6	6.4	0	0.7	L	CLG
676	7699/1	02 52 57.4	15 28 33	56	0.0091	0.0025	5046.8	20.0	9.0	3.7	1.4	0	24.7	H	
677	7121/1	02 53 20.2	19 14 37	39	0.0517	0.0065	1964.5	67.2	4.8	7.9	1.0	0	10.0	H	
678	7699/2	02 54 19.1	15 19 59	52	0.0127	0.0028	5046.8	27.9	9.1	4.6	0.8	400	25.0	H	

02^h54^m45.2^s — 03^h17^m00.5^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
679	6085/1	02 54 45.2	05 34 25	55	0.0073	0.0014	10473.5	44.1	28.9	5.2	44.2	0	16.3	H	
680	6085/2	02 54 46.8	05 56 47	43	0.0072	0.0013	10473.5	51.6	38.4	5.4	41.6	0	7.6	H	
681	6085/3	02 55 00.7	05 49 10	32	0.0255	0.0020	10473.5	198.4	43.6	12.8	9.9	0	0.9	aH	CLG
682	185/1	02 55 07.6	12 50 47	31	0.0359	0.0057	6941.8	182.1	336.9	6.2	6.7	0	2.1	AL	CLG
	3458/1	02 55 10.5	12 50 20	48	0.0230	0.0053	11381.6	134.9	408.1	4.3	6.1	300	19.5	AL	CLG
	1776/1	02 55 13.9	12 50 17	48	0.0327	0.0075	8620.9	72.7	104.3	4.3	5.4	0	35.6	AL	CLG
683	1824/1	02 55 08.2	05 50 28	36	0.0256	0.0044	2112.3	40.0	8.0	5.8	8.4	0	2.1	a	CLG
684	9691/1	02 55 13.3	20 27 53	32	0.0272	0.0030	4731.7	95.8	14.2	9.1	1.3	0	0.4	H	S
685	9691/2	02 55 19.2	20 18 13	42	0.0142	0.0024	4731.7	44.5	12.5	5.9	0.9	0	9.8	H	
686	6085/4	02 55 22.0	05 43 13	42	0.0066	0.0013	10473.5	47.2	39.8	5.1	43.1	0	8.9	H	
687	1776/2	02 56 12.0	13 22 44	31	0.0869	0.0071	8620.9	557.4	778.6	12.1	6.2	0	0.2	AL	CLG
	3458/2	02 56 14.0	13 23 03	48	0.0620	0.0068	11381.6	400.4	779.6	9.1	6.6	0	16.7	AL	CLG
688	1776/3	02 56 55.3	13 50 38	50	0.0280	0.0041	8620.9	86.2	26.8	6.7	1.3	300	29.6	L	
689	5698/1	02 56 57.3	07 12 21	51	*0.0230	0.0035	4669.3	49.2	5.8	6.6	0.9	804	23.5	H	
690	9691/3	02 57 08.2	20 27 29	56	0.0118	0.0031	4731.7	21.3	9.7	3.8	1.1	0	27.1	H	
691	5698/2	02 57 21.3	07 33 09	41	0.0148	0.0024	4669.3	47.4	11.6	6.2	1.0	0	9.0	H	S
692	5450/1	02 57 53.3	04 02 48	55	*0.0078	0.0021	7220.6	20.7	9.3	3.8	1.0	805	27.8	H	
693	4545/1	02 57 55.7	34 29 34	52	0.0346	0.0082	1871.3	20.2	2.8	4.2	1.3	200	31.9	H	
694	4611/1	02 58 02.8	43 11 04	50	0.0241	0.0037	4297.5	50.1	8.9	6.5	0.9	0	21.5	H	
695	5450/2	02 58 33.2	03 18 16	57	0.0150	0.0040	7220.6	20.1	8.9	3.7	1.6	0	39.1	H	
696	7525/1	02 58 35.8	-23 15 28	56	*0.0234	0.0059	2167.8	18.6	3.4	4.0	1.1	703	28.3	H	
697	9183/1	02 58 35.8	-15 14 44	55	0.0059	0.0017	5555.8	18.7	9.3	3.5	0.9	0	16.1	H	
698	1825/1	02 58 46.9	35 38 50	36	0.0241	0.0043	2039.9	36.3	5.7	5.6	3.5	0	2.5	H	CLG
699	4611/2	02 58 54.2	43 29 23	42	0.0068	0.0018	4297.5	21.4	12.6	3.7	1.6	0	1.3	H	
700	6663/1	02 59 16.8	-61 23 40	45	0.0169	0.0043	2039.9	20.8	7.2	3.9	0.9	200	13.7	H	
701	4611/3	02 59 25.7	43 31 47	45	0.0074	0.0019	4297.5	22.1	11.9	3.8	1.2	0	6.3	H	
702	4611/4	02 59 31.8	43 35 03	47	0.0068	0.0019	4297.5	19.8	11.2	3.6	1.1	0	9.4	H	
703	5450/3	02 59 47.8	03 30 12	52	*0.0085	0.0019	7220.6	28.0	10.0	4.5	1.0	805	23.4	H	
704	9183/2	03 00 09.8	-15 28 06	55	0.0106	0.0026	5555.8	22.5	8.5	4.0	1.4	0	28.9	H	
705	5450/4	03 00 17.4	03 42 05	55	0.0051	0.0014	7220.6	22.1	13.9	3.7	2.8	0	15.6	H	
706	10490/1	03 00 27.3	-11 55 40	51	0.0056	0.0013	17258.3	49.4	39.6	4.2	0.7	0	20.7	L	
707	10490/2	03 00 52.2	-12 25 00	48	0.1276	0.0041	17258.3	1258.0	75.0	30.7	1.1	0	16.0	L	
708	6830/1	03 01 21.5	17 08 11	51	*0.0141	0.0026	13851.1	42.4	20.6	5.3	1.8	806	30.8	EH	
709	10490/3	03 01 30.2	-12 11 25	32	0.0129	0.0016	17258.3	163.9	130.1	7.7	1.6	0	1.6	L	
710	10490/4	03 01 40.4	-12 17 51	38	0.0135	0.0018	17258.3	157.8	127.2	7.6	2.0	0	8.1	L	
711	3952/1	03 01 43.0	15 16 14	55	0.0063	0.0014	12471.3	31.8	16.2	4.6	1.8	200	25.8	H	
712	10490/5	03 01 59.1	-12 07 39	39	0.0118	0.0014	17258.3	136.7	57.3	8.2	0.9	0	9.2	L	
713	10490/6	03 01 59.9	-12 01 41	40	0.0099	0.0014	17258.3	106.8	56.2	6.9	0.9	0	12.7	L	
714	6830/2	03 02 30.0	17 16 52	51	0.0075	0.0012	13851.1	56.2	21.8	6.4	1.4	0	17.4	H	CLG
715	2338/1	03 02 35.2	-22 23 30	42	0.0199	0.0036	2857.8	39.0	11.0	5.5	1.0	0	7.9	H	AGN
716	6830/3	03 02 45.2	16 58 33	39	0.0123	0.0014	13851.1	102.9	27.1	9.0	1.0	0	13.6	H	CLG
717	3952/2	03 03 12.6	15 09 51	43	0.00255	0.00073	12471.3	23.0	20.0	3.5	0.6	0	3.5	H	
718	6830/4	03 03 14.0	17 06 56	36	0.00450	0.00088	13851.1	44.7	32.3	5.1	0.7	0	3.9	H	
719	6830/5	03 03 31.7	17 06 48	36	0.00447	0.00087	13851.1	46.1	33.9	5.2	1.0	0	0.4	H	
720	6830/6	03 03 53.2	17 16 58	41	0.0071	0.0011	13851.1	64.0	31.0	6.6	1.1	0	11.3	H	S
721	2295/1	03 03 56.0	23 55 55	45	0.0047	0.0012	8141.1	23.6	16.4	3.7	0.6	0	13.0	H	
722	3952/3	03 04 16.4	15 22 53	55	0.0041	0.0010	12471.3	27.2	20.8	3.9	1.1	0	19.1	H	
723	6129/1	03 04 27.4	-12 18 02	32	0.0191	0.0044	4176.8	57.7	59.3	4.2	4.4	0	3.2	L	
724	829/1	03 04 54.8	40 45 50	31	1.210	0.031	2837.9	2557.4	697.6	38.5	1.6	0	0.1	L	S
725	6129/2	03 04 55.9	-11 49 41	51	*0.0253	0.0051	4176.8	43.5	11.5	4.8	1.2	601	25.9	L	
726	4418/1	03 05 35.8	49 25 22	40	0.0040	0.0011	9042.5	26.6	26.4	3.7	0.9	0	1.5	H	S
727	9146/1	03 05 49.0	03 54 57	35	0.0545	0.0073	1467.7	59.5	3.5	7.5	1.0	0	0.2	H	
728	8993/1	03 06 05.1	-23 53 09	42	0.0196	0.0054	1143.1	16.3	3.7	3.6	1.9	0	4.4	H	
729	2295/2	03 06 14.4	24 03 29	51	0.0224	0.0032	8141.1	60.8	14.2	7.0	1.1	300	31.3	H	
730	3260/1	03 06 21.3	10 17 52	36	0.0166	0.0035	2267.5	28.0	7.0	4.7	0.9	0	0.2	H	*
731	9084/1	03 07 28.1	14 24 34	52	0.0047	0.0011	11953.8	32.8	31.2	4.1	0.7	0	16.0	H	
732	3193/1	03 07 48.2	47 59 23	52	0.0368	0.0079	1294.5	23.7	2.3	4.6	1.1	0	20.8	H	
733	9084/2	03 08 23.5	14 12 53	48	0.0184	0.0018	11953.8	125.2	32.8	10.0	1.2	0	15.7	H	
734	9084/3	03 08 45.6	14 30 56	35	0.0063	0.0012	11953.8	54.4	45.6	5.4	0.8	0	4.1	H	
735	9084/4	03 09 38.0	14 08 13	56	0.0060	0.0015	11953.8	28.4	24.6	3.9	1.0	0	26.8	H	
736	3193/2	03 09 53.8	47 55 21	32	0.129	0.012	1294.5	124.2	3.8	11.0	1.1	0	0.4	H	CV
737	6465/1	03 10 26.8	-55 43 22	51	0.0544	0.0089	1396.8	40.5	3.5	6.1	1.0	0	18.7	H	
738	7414/1	03 11 48.8	-08 01 35	55	0.0111	0.0027	4712.8	22.2	6.8	4.1	0.8	0	25.1	H	
739	3823/1	03 11 54.3	-22 34 24	42	0.0062	0.0013	16717.2	64.6	55.4	4.7	346.9	0	12.8	L	
740	3823/2	03 12 00.6	-22 46 49	31	1.310	0.013	16717.2	16320.5	3453.5	100.8	1.5	0	0.2	L	S
741	3954/1	03 12 02.8	14 05 37	41	0.0071	0.0011	13101.7	56.0	19.0	6.5	1.1	0	13.8	H	
742	4477/1	03 12 02.8	41 13 38	50	*0.0213	0.0033	6378.9	75.8	22.2	6.2	1.1	601	16.5	L	
743	3823/3	03 12 06.3	-22 34 14	42	0.0057	0.0013	16717.2	59.7	65.3	4.2	317.8	0	12.6	L	
744	4900/1	03 12 07.4	-09 15 54	51	*0.0456	0.0081	1696.1	34.5	3.5	5.6	0.9	906	24.4	H	
745	4887/1	03 12 54.0	34 29 51	42	0.0116	0.0020	5116.5	42.4	11.6	5.8	1.1	0	5.4	H	S
746	5401/1	03 12 55.8	-77 03 08	31	0.131	0.011	2119.9	206.5	19.5	12.1	1.1	0	0.1	L	Q
747	4477/2	03 13 25.8	41 08 29	31	0.0366	0.0040	6378.9	174.0	81.0	9.1	79.6	0	0.2	AL	
	4478/1	03 13 24.4	41 08 28	51	0.0284	0.0064	7995.1	51.2	33.8	4.2	552.6	500	36.4	AL	
748	7044/1	03 13 35.5	-66 54 12	55	0.0071	0.0020	7775.1	22.3	17.7	3.5	0.8	300	27.3	H	
749	4887/2	03 13 45.1	34 26 08	43	0.0079	0.0017	5116.5	28.4	9.6	4.6	0.8	0	5.8	H	Q
750	2094/1	03 15 47.4	-19 55 11	48	0.0383	0.0047	6284.6	75.6	10.4	8.2	1.4	0	31.9	H	
751	283/1	03 16 30.7	41 20 00	31	2.758	0.025	14231.2	29254.5	19013.5	110.2	5.7	0	0.0	AL	*
	4478/2	03 16 30.7	41 19 56	48	*2.261	0.052	7995.1	7259.0	6395.3	43.4	4.7	602	27.1	AL	*
752	7955/1	03 16 47.2	03 11 35	38	0.2233	0.0081	5920.1	777.1	11.9	27.7	1.4	100	14.3	H	S
753	7511/1	03 17 00.5	18 34 50	48	0.291	0.017									

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
754	7044/2	03 17 25.8	-67 06 33	52	*0.0113	0.0022	7775.1	37.1	13.9	5.2	1.0	1208	25.8		S
755	7044/3	03 17 42.5	-66 40 12	31	0.0548	0.0032	7775.1	316.4	26.6	17.1	1.1	0	0.8	H	G
756	7044/4	03 17 45.2	-66 47 04	38	0.0399	0.0029	7775.1	218.8	28.2	13.9	1.0	0	6.3	H	S
757	2094/2	03 17 53.7	-19 48 58	55	0.0084	0.0018	6284.6	30.8	11.2	4.8	0.9	0	16.2	H	
758	2094/3	03 18 05.2	-19 37 01	42	0.0106	0.0018	6284.6	45.6	15.4	5.8	1.2	0	8.9	H	Q
759	2094/4	03 18 33.6	-19 26 55	48	0.0455	0.0037	6284.6	163.1	10.9	12.4	1.4	0	16.6	H	
760	4254/1	03 20 06.2	-53 22 05	54	*0.0185	0.0047	4300.4	23.9	12.1	4.0	1.0	603	26.5	EH	
761	1884/1	03 20 47.4	-37 22 46	32	0.0353	0.0033	4840.9	125.3	12.7	10.7	1.6	0	2.6	AH	G
	10571/1	03 20 46.7	-37 23 25	32	0.0411	0.0040	3855.3	117.7	15.3	10.2	1.4	0	0.2	AH	G
	1883/1	03 20 48.4	-37 23 08	32	0.0351	0.0040	3311.1	85.7	8.3	8.8	1.9	0	2.7	AH	G
762	4254/2	03 20 53.6	-53 22 24	51	0.0334	0.0048	4300.4	59.0	12.0	7.0	2.3	0	23.6	H	
763	4254/3	03 21 01.9	-53 54 56	49	0.0083	0.0022	4300.4	23.6	16.4	3.7	1.4	0	12.7	H	
764	10571/2	03 21 22.9	-37 26 29	47	0.0082	0.0023	3855.3	21.4	13.6	3.6	0.8	0	8.4	H	
765	7044/5	03 21 32.6	-66 57 25	51	0.0153	0.0028	7775.1	42.0	19.0	5.4	1.1	500	28.4	H	
766	1884/2	03 21 37.8	-37 26 28	48	0.0067	0.0018	4840.9	21.3	9.7	3.8	0.6	0	11.4	H	
767	10632/1	03 21 48.8	02 20 49	51	0.0135	0.0030	9311.9	49.4	26.6	4.4	1.5	500	27.8	L	
768	4254/4	03 23 09.5	-53 30 18	54	0.0112	0.0028	4300.4	24.4	11.6	4.1	0.8	0	19.8	H	
769	4974/1	03 23 15.1	-08 25 14	43	0.0122	0.0034	2357.7	18.4	7.6	3.6	1.0	0	11.1	L	
770	9041/1	03 23 33.0	28 32 27	31	4.360	0.061	2310.8	7500.6	1006.4	71.5	1.3	0	0.1	AL	
	9967/1	03 23 32.9	28 32 32	31	2.593	0.047	2399.8	4634.5	729.5	55.4	1.3	0	0.1	AL	
	9042/1	03 23 32.9	28 32 26	31	3.466	0.052	2433.8	6288.6	747.4	66.1	1.3	0	0.1	AL	
771	10632/2	03 23 37.8	02 14 48	31	0.898	0.013	9311.9	6232.0	467.0	67.7	1.2	0	0.1	L	BL
772	7028/1	03 24 03.8	-21 30 25	32	0.0188	0.0016	12498.6	175.4	38.6	12.0	1.2	0	0.2	H	
773	5453/1	03 24 08.1	-20 12 26	50	0.0372	0.0052	3548.8	56.6	6.4	7.1	1.2	0	24.3	H	
774	7028/2	03 24 25.3	-21 29 41	47	*0.00319	0.00090	12498.6	28.3	34.7	3.6	0.6	0	5.6	H	
775	8404/1	03 24 35.6	-18 00 47	61	*0.0072	0.0019	10582.1	23.9	16.1	3.8	1.0	1109	32.1	H	
776	8404/2	03 24 56.6	-17 22 49	53	0.0052	0.0014	10582.1	29.6	30.4	3.8	0.6	0	19.1	H	
777	8404/3	03 25 12.3	-17 46 12	51	0.0073	0.0014	10582.1	44.9	30.1	5.2	1.0	0	15.3	H	
778	5453/2	03 25 21.9	-19 59 34	37	0.0118	0.0024	3548.8	30.3	8.7	4.8	3.4	0	3.9	H	
779	5453/3	03 25 38.2	-19 58 34	35	0.0218	0.0031	3548.8	57.5	8.5	7.1	2.0	0	1.1	H	
780	7028/3	03 25 55.9	-21 50 09	56	*0.0089	0.0024	12498.6	25.8	21.2	3.8	1.7	1207	32.9	EH	
781	8404/4	03 26 16.5	-17 44 57	47	0.0049	0.0012	10582.1	33.8	37.2	4.0	0.7	0	10.8	H	
782	5453/4	03 26 42.4	-20 08 48	51	0.0187	0.0034	3548.8	36.5	7.5	5.5	1.0	0	18.0	H	S
783	6732/1	03 27 13.9	-24 16 20	38	0.170	0.011	2102.1	232.1	5.9	15.0	1.3	0	11.1	H	
784	6732/2	03 27 46.0	-24 07 28	36	0.0228	0.0041	2102.1	35.7	6.3	5.5	1.1	0	0.7	H	
785	5174/1	03 27 47.2	43 44 04	31	0.1642	0.0033	20391.6	2496.2	55.8	49.4	1.1	0	0.2	AH	*
	3188/1	03 27 47.2	43 44 05	31	0.246	0.013	1854.2	340.8	4.2	18.3	1.1	0	0.2	AH	*
	1757/1	03 27 48.8	43 44 16	32	0.140	0.012	1427.0	148.4	4.6	12.0	1.0	0	0.4	AH	*
786	6732/3	03 29 19.9	-24 12 58	52	*0.0244	0.0053	2102.1	24.5	3.5	4.6	0.8	1006	23.0	H	
787	5776/1	03 29 54.5	-33 29 48	51	*0.0247	0.0044	2723.4	36.6	6.4	5.6	1.0	907	17.9	H	
788	3106/1	03 30 33.2	-09 37 17	31	0.434	0.032	997.3	323.0	98.0	13.4	1.6	0	0.1	L	S
789	4088/1	03 30 43.4	-26 13 11	55	*0.0362	0.0089	1132.4	18.6	2.4	4.1	1.0	804	24.2	H	
790	5174/2	03 30 51.7	43 23 25	56	0.0099	0.0022	20391.6	38.5	32.5	4.6	3.0	400	39.1	EH	
791	8397/1	03 30 53.3	06 06 28	48	*0.0181	0.0019	11865.9	104.1	20.9	9.3	1.1	602	20.6	H	
792	6369/1	03 31 07.4	-05 22 03	50	0.0149	0.0022	6700.4	57.6	18.4	6.6	0.9	0	16.2	H	AGN
793	3059/1	03 31 19.6	-36 29 50	41	0.0312	0.0045	2921.6	56.7	9.3	7.0	1.2	0	13.1	AH	
	3058/1	03 31 18.8	-36 30 10	47	0.0334	0.0089	772.2	15.9	2.1	3.8	1.0	0	13.4	AH	
794	3059/2	03 31 45.3	-36 18 41	32	0.0319	0.0042	2921.6	69.2	11.8	7.7	1.5	0	0.8	AH	SY
	3058/2	03 31 43.9	-36 18 18	36	0.0412	0.0089	772.2	23.6	2.4	4.6	1.2	0	0.9	AH	SY
	4129/1	03 31 44.4	-36 19 10	52	*0.0334	0.0065	3312.7	32.0	7.0	5.1	0.9	703	29.6	AH	SY
795	6369/2	03 31 54.2	-04 54 12	55	0.0059	0.0016	6700.4	22.8	18.2	3.6	0.7	0	16.2	H	
796	3886/1	03 31 54.4	31 50 52	50	*0.0670	0.0089	2127.4	59.5	2.5	7.6	1.3	1209	25.8	H	
797	8397/2	03 32 09.9	06 15 15	31	0.0340	0.0021	11865.9	299.6	28.4	16.5	1.3	0	0.2	H	
798	8397/3	03 32 55.2	06 30 22	55	0.0047	0.0011	11865.9	29.7	21.3	4.2	0.7	0	19.1	H	
799	8397/4	03 33 05.4	06 07 37	51	0.0069	0.0012	11865.9	48.7	20.3	5.9	0.8	0	15.8	H	
800	3886/2	03 33 13.9	32 25 44	54	0.0152	0.0039	2127.4	18.3	3.7	3.9	0.8	200	17.0	H	
801	3886/3	03 33 21.9	32 08 39	31	0.190	0.011	2127.4	301.4	4.6	17.2	1.1	0	0.2	H	Q
802	8397/5	03 33 34.0	05 59 18	66	*0.0040	0.0012	11865.9	20.5	13.5	3.5	0.6	1509	26.5	H	
803	8397/6	03 33 49.1	06 05 14	58	*0.0046	0.0012	11865.9	22.8	16.2	3.7	1.0	1009	26.8	H	
804	3152/1	03 34 13.3	00 25 42	31	2.676	0.017	18765.8	37445.1	6701.9	155.7	1.4	0	0.1	AL	S
	4496/1	03 34 13.3	00 25 30	31	4.142	0.075	1523.1	4695.4	784.6	55.4	1.4	0	0.1	AL	S
	2306/1	03 34 13.4	00 25 33	31	3.798	0.070	1528.8	4316.9	541.1	54.5	1.4	0	1.0	AL	S
	5455/1	03 34 13.6	00 25 19	38	4.640	0.050	3954.5	12042.8	1328.2	92.0	1.3	0	10.8	AL	S
805	3059/3	03 34 15.0	-36 17 25	55	0.0198	0.0049	2921.6	21.1	5.9	4.1	0.8	500	29.7	H	
806	9185/1	03 34 19.1	-23 09 03	52	0.0095	0.0023	13922.2	51.7	51.3	4.0	0.9	0	27.5	L	
807	4129/2	03 34 52.1	-36 09 35	43	0.0151	0.0030	3312.7	33.3	11.7	5.0	1.4	0	9.9	H	
808	9185/2	03 35 21.4	-23 10 40	41	0.0090	0.0017	13922.2	77.9	61.1	5.3	0.9	0	12.9	L	
809	5777/1	03 35 23.0	-35 00 59	42	0.0361	0.0073	1585.0	35.3	4.7	4.8	0.9	0	12.8	L	Q
810	4087/1	03 35 24.9	-25 28 30	55	*0.0194	0.0049	2131.8	19.1	3.9	4.0	0.8	804	22.4	H	
811	2097/1	03 35 27.2	-26 19 09	51	0.0127	0.0024	5331.0	35.9	10.1	5.3	0.8	400	19.4	AH	
	2096/1	03 35 29.7	-26 18 55	51	0.0093	0.0018	8481.7	41.6	21.4	5.2	0.9	100	19.0	A	
812	452/1	03 35 55.7	09 48 29	48	*0.279	0.038	2618.7	388.5	283.5	7.2	2.6	906	18.5	L	AGN
813	4084/1	03 36 04.0	-24 53 29	48	*0.148	0.015	1342.2	100.9	2.1	9.9	1.1	1008	19.6	H	
814	4087/2	03 36 20.2	-25 45 51	37	0.0141	0.0034	2131.8	22.0	7.0	4.1	0.7	0	2.5	H	
815	9185/3	03 36 21.1	-23 11 12	32	0.0142	0.0020	13922.2	147.2	135.8	7.0	1.8	0	0.6	L	G
816	1887/1	03 36 34.3	-35 36 51	31	0.0926	0.0088	3657.9	243.5	131.5	10.4	9.4	0	4.7	AL	
	4128/1	03 36 33.8	-35 36 51	50	0.076	0.018	1046.6	42.5	29.5	4.0	0.7	0	18.7	AL	
817	2096/2	03 36 46.8	-26 30 20	36	0.0090	0.0015	8481.7	56.6	27.4	6.2	1.1	0	1.7	AH	G
	2097/2	03 36 45.1	-26 29 14	37	0.0064	0.0016	5331.0	25.1	15.9	3.9	1.5	0	1.0	A	G
818	3449/1	03 36 53.3	-53 01 01	48	*0.0489	0.0052	3762.6	93.7	5.3	9.4	1.2	130			

03^h36^m56.0^s — 03^h44^m09.6^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
819	1887/2	03 36 56.0	-35 45 13	38	0.0754	0.0078	3657.9	174.6	62.4	9.5	13.1	0	12.4	AL	
	4128/2	03 36 55.5	-35 45 24	51	0.070	0.015	1046.6	41.7	14.3	4.6	7.1	0	16.9	AL	
820	7162/1	03 36 59.7	-01 56 10	36	0.0180	0.0036	2249.0	30.2	5.8	5.0	0.9	0	0.4	H	*
821	2096/3	03 37 06.9	-26 45 58	50	*0.0152	0.0020	8481.7	70.6	16.4	7.6	1.1	908	17.9	H	
822	2096/4	03 37 23.8	-26 49 11	52	*0.0083	0.0017	8481.7	33.8	15.2	4.8	1.1	1109	22.0	H	
823	7162/2	03 37 36.2	-02 02 47	44	0.0157	0.0036	2249.0	23.3	5.7	4.3	0.9	0	11.5	H	
824	10241/1	03 37 56.0	-18 44 19	32	0.0195	0.0040	4230.8	61.5	45.5	4.8	1.6	0	0.3	L	G
825	3894/1	03 38 24.4	-21 29 05	36	0.0213	0.0037	2491.0	39.4	8.6	5.7	0.9	0	0.2	H	BL
826	3894/2	03 39 52.3	-21 24 08	48	*0.318	0.016	2491.0	381.9	5.1	19.4	1.2	501	21.2	H	
827	5116/1	03 39 56.1	04 43 34	43	*0.0051	0.0013	8200.4	24.8	14.2	4.0	0.8	601	14.5	H	
828	5116/2	03 40 18.1	04 55 35	43	0.0054	0.0013	8200.4	28.7	15.3	4.3	0.8	0	11.0		
829	5116/3	03 40 23.6	04 46 00	42	0.0067	0.0013	8200.4	37.9	15.1	5.2	0.9	0	7.3	H	
830	5116/4	03 40 37.5	04 45 17	37	0.0052	0.0012	8200.4	30.2	17.8	4.4	0.7	0	4.5		
831	9916/1	03 40 48.8	24 50 43	51	0.0255	0.0044	4706.9	40.5	8.5	5.8	0.9	500	30.8	H	S
832	5458/1	03 40 50.4	24 05 04	56	0.0151	0.0035	4511.5	26.0	10.0	4.3	0.9	0	27.9		
833	5116/5	03 40 52.5	04 48 27	31	0.0273	0.0022	8200.4	167.3	16.7	12.3	1.1	0	0.7	H	
834	5457/1	03 41 03.9	24 20 57	50	0.0500	0.0067	2931.0	61.8	7.2	7.4	0.9	0	26.2	AH	
	9916/3	03 41 07.5	24 20 54	54	*0.0118	0.0025	4706.9	27.9	7.1	4.7	1.0	1109	20.8	AH	
835	5457/2	03 41 07.5	24 07 16	43	0.0106	0.0030	2931.0	18.9	9.1	3.6	0.7	0	14.3	AH	
	9916/2	03 41 05.3	24 07 05	54	*0.0138	0.0033	4706.9	23.0	7.0	4.2	0.9	1409	29.9	A	
	5458/2	03 41 07.7	24 07 02	55	*0.0107	0.0028	4511.5	21.7	10.3	3.8	0.8	805	24.0	AH	
836	7045/1	03 41 08.5	67 55 38	36	0.0298	0.0049	2059.2	43.7	7.3	6.1	1.8	0	4.7	H	
837	4086/1	03 41 11.8	-25 39 39	54	0.0208	0.0053	1699.2	19.2	4.8	3.9	0.8	0	19.0	H	
838	9918/1	03 41 15.1	23 13 20	56	*0.0077	0.0021	5669.9	19.7	9.3	3.7	0.7	1008	23.8		
839	5457/3	03 41 16.2	23 52 29	46	0.0099	0.0028	2931.0	19.4	10.6	3.5	0.6	0	10.0	H	
840	5457/4	03 41 16.4	23 56 56	42	0.0137	0.0031	2931.0	27.6	11.4	4.4	2.1	0	8.7	A	S
	9918/2	03 41 16.7	23 56 40	51	*0.0211	0.0037	5669.9	37.5	5.5	5.7	1.7	603	31.6	AH	S
	5458/3	03 41 16.8	23 56 21	49	*0.0404	0.0050	4511.5	73.6	9.4	8.1	1.0	803	27.0	AH	S
841	9916/4	03 41 21.8	24 37 57	48	0.0383	0.0041	4706.9	100.2	12.8	9.4	1.3	0	17.5	AH	S
	5458/4	03 41 21.8	24 37 31	51	0.0288	0.0049	4511.5	41.2	8.8	5.8	1.4	500	32.2	AH	S
842	9916/5	03 41 24.4	24 31 24	55	0.0082	0.0021	4706.9	23.0	12.0	3.9	0.6	0	15.1		
843	9916/6	03 41 28.2	24 25 58	39	0.0308	0.0035	4706.9	87.1	11.9	8.8	1.0	0	14.6	AH	S
	5458/5	03 41 27.6	24 25 38	50	0.0294	0.0041	4511.5	62.2	11.8	7.2	0.9	200	22.8	AH	S
	10132/1	03 41 27.9	24 25 49	51	0.0360	0.0076	1942.3	33.2	4.8	4.6	1.0	0	23.1	AL	S
	5457/5	03 41 28.0	24 25 57	52	0.0316	0.0058	2931.0	34.3	5.7	5.4	1.1	500	29.1	AH	S
844	5457/6	03 41 29.1	24 01 09	43	0.0099	0.0027	2931.0	20.4	11.6	3.6	2.8	0	6.8	AH	A
	5458/6	03 41 29.7	24 00 13	58	*0.0080	0.0023	4511.5	17.4	6.6	3.5	0.7	1009	22.3	A	
845	1829/1	03 41 34.7	-53 47 26	38	0.1798	0.0084	4359.6	480.5	18.5	21.5	5.8	0	14.0	AH	CLG
	3437/1	03 41 35.9	-53 47 20	31	0.0458	0.0094	4196.7	142.5	377.5	4.8	7.3	0	1.5	AL	CLG
846	9916/7	03 41 42.0	24 39 56	45	0.0074	0.0020	4706.9	20.8	12.2	3.6	0.7	0	14.7	H	S
847	5116/6	03 41 56.3	04 51 18	51	0.0068	0.0014	8200.4	32.0	15.0	4.7	0.8	0	16.7	H	
848	7045/2	03 42 00.4	67 56 47	36	0.0201	0.0040	2059.2	30.9	6.1	5.1	2.9	0	0.6		G
849	9916/8	03 42 12.5	24 18 27	47	0.0089	0.0022	4706.9	26.7	15.3	4.1	1.0	0	12.4	H	S
850	9918/3	03 42 22.4	23 34 17	35	0.0116	0.0020	5669.9	47.4	18.6	5.8	0.8	0	4.7	AH	S
	2296/1	03 42 23.4	23 34 12	51	*0.0075	0.0014	14184.7	46.7	30.3	5.3	0.7	602	24.8	A	S
851	7045/3	03 42 29.8	67 41 60	41	0.0393	0.0059	2059.2	49.0	5.0	6.7	1.0	0	14.6	H	
852	5458/7	03 42 34.7	24 09 12	47	0.0073	0.0020	4511.5	23.7	17.3	3.7	0.6	0	5.1	H	
853	9918/4	03 42 38.3	23 55 58	52	0.0109	0.0026	5669.9	26.0	13.0	4.2	0.7	0	26.1	A	S
	5458/8	03 42 35.8	23 55 54	53	0.0092	0.0024	4511.5	23.1	12.9	3.8	0.8	500	17.3	AH	S
	2296/2	03 42 37.5	23 55 46	56	*0.0058	0.0012	14184.7	37.2	24.8	4.7	1.0	703	24.7	AH	S
854	5458/9	03 42 40.7	24 28 18	51	0.0204	0.0031	4511.5	53.2	13.8	6.5	0.9	0	15.8	AH	S
	9916/9	03 42 38.6	24 27 58	36	0.0141	0.0023	4706.9	48.8	15.2	6.1	1.0	0	3.0	AH	S
855	9918/5	03 42 41.2	23 35 52	42	0.0099	0.0019	5669.9	39.6	18.4	5.2	0.7	0	6.5	A	S
	5457/7	03 42 40.5	23 35 47	55	0.0147	0.0040	2931.0	18.7	7.3	3.7	0.9	0	24.0	AH	S
	2296/3	03 42 43.2	23 35 46	48	*0.0109	0.0014	14184.7	80.0	27.0	7.7	0.8	804	19.7	AH	S
856	9916/11	03 42 42.9	24 45 05	48	0.0416	0.0041	4706.9	115.0	13.0	10.2	1.1	0	15.4	H	S
857	2296/4	03 42 44.8	24 03 46	51	0.0087	0.0016	14184.7	47.0	29.0	5.4	1.0	0	28.4	AH	S
	9916/10	03 42 42.6	24 04 07	55	0.0107	0.0029	4706.9	20.9	10.1	3.7	0.7	0	25.9	A	S
858	9916/12	03 43 08.3	24 24 28	45	0.0068	0.0019	4706.9	21.2	13.8	3.6	0.7	0	10.1	H	
859	2296/5	03 43 08.9	23 11 38	61	*0.0065	0.0017	14184.7	27.7	22.3	3.9	2.0	703	32.2	AH	S
	9918/6	03 43 13.0	23 10 57	60	*0.0070	0.0019	5669.9	18.8	8.2	3.6	1.1	805	21.5	AH	S
860	5983/1	03 43 11.9	41 14 18	42	0.0273	0.0058	1317.8	25.5	3.5	4.7	1.0	0	5.4	H	
861	5458/10	03 43 15.7	24 02 24	47	0.0078	0.0021	4511.5	22.5	13.5	3.7	0.8	0	12.5	A	S
	2296/6	03 43 17.0	24 02 17	51	*0.0101	0.0014	14184.7	66.5	24.5	7.0	0.9	906	23.4	AH	S
862	2296/7	03 43 22.2	23 47 36	39	0.0099	0.0013	14184.7	92.4	44.6	7.9	1.6	0	11.3	AH	S
	9918/7	03 43 19.4	23 47 49	51	*0.0158	0.0027	5669.9	44.2	13.8	5.8	1.0	603	21.0	AH	S
	5458/11	03 43 20.8	23 47 31	52	0.0128	0.0032	4511.5	23.7	11.3	4.0	0.9	0	26.2	AH	S
863	9918/8	03 43 28.1	23 26 24	43	0.0085	0.0019	5669.9	29.0	14.0	4.4	1.0	0	13.9	H	S
864	5458/12	03 43 28.1	24 16 39	41	0.0191	0.0028	4511.5	57.6	14.4	6.8	1.3	0	9.4	AH	S
	10132/2	03 43 26.4	24 16 58	43	0.0199	0.0050	1942.3	26.1	5.9	3.8	0.7	0	9.2	AL	S
	6003/1	03 43 29.1	24 16 57	51	*0.0256	0.0052	2458.3	28.6	5.4	4.9	0.8	1006	24.1	A	S
	9916/13	03 43 29.8	24 17 04	51	0.0215	0.0032	4706.9								

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
873	2296/12	03 44 11.8	24 07 40	54	0.0061	0.0014	14184.7	36.5	31.5	4.4	0.9	0	25.8	H	S
874	2296/13	03 44 19.3	23 52 51	43	0.00336	0.00092	14184.7	31.0	41.0	3.7	0.8	0	11.5	H	S
875	2296/14	03 44 24.4	23 45 50	42	0.00449	0.00094	14184.7	45.1	43.9	4.8	0.9	0	5.9	H	S
876	5458/13	03 44 24.8	24 26 09	50	0.0334	0.0045	4511.5	63.0	10.0	7.4	1.1	0	25.3	AH	S
	9917/1	03 44 24.0	24 26 18	50	0.0257	0.0037	6137.7	59.3	12.7	7.0	1.0	400	28.9	AH	S
	10132/3	03 44 24.4	24 26 16	51	0.0375	0.0078	1942.3	30.8	2.2	4.6	0.8	0	25.2	AL	S
	9916/15	03 44 24.8	24 26 06	50	0.0311	0.0043	4706.9	59.5	9.5	7.2	1.0	0	26.5	AH	S
	6003/2	03 44 25.2	24 26 41	52	0.0284	0.0063	2458.3	24.6	5.4	4.5	1.2	300	29.0	AH	S
877	7045/4	03 44 26.9	67 53 44	43	0.0171	0.0041	2059.2	21.5	5.5	4.1	0.9	0	14.2	AH	S
878	5458/14	03 44 33.4	24 13 09	52	0.0127	0.0030	4511.5	25.7	10.3	4.3	1.9	0	23.9	AH	S
	9917/2	03 44 33.0	24 13 00	51	0.0265	0.0042	6137.7	49.1	10.9	6.3	1.3	600	31.3	AH	S
879	2296/15	03 44 42.7	23 35 25	42	0.00417	0.00095	14184.7	38.5	39.5	4.4	0.6	0	10.6	H	S
880	2296/16	03 44 43.6	23 48 31	42	0.0061	0.0010	14184.7	57.0	36.0	5.9	1.4	0	10.8	H	S
881	2296/17	03 45 06.5	23 51 05	48	*0.0494	0.0026	14184.7	393.2	27.8	19.2	1.1	805	16.8	H	S
882	2296/18	03 45 21.0	23 39 58	62	*0.00394	0.00096	14184.7	30.5	24.5	4.1	0.6	1008	17.3	H	S
883	2296/19	03 45 50.5	23 49 45	52	0.0058	0.0014	14184.7	34.7	32.3	4.2	0.7	0	25.2	AH	S
884	2296/20	03 46 07.2	23 37 43	48	0.0496	0.0032	14184.7	261.7	29.3	15.3	1.3	0	28.2	AH	S
	9919/1	03 46 08.0	23 37 30	38	0.0432	0.0040	5754.5	169.9	21.1	10.7	1.0	0	9.0	AL	S
885	3178/1	03 46 18.4	-01 06 53	32	0.0880	0.0088	1573.7	103.0	4.0	10.0	2.4	0	0.7	H	S
886	9917/3	03 46 21.0	24 37 15	42	0.0072	0.0017	6137.7	30.6	22.4	4.2	0.9	0	7.5	H	S
887	9917/4	03 46 25.1	24 46 57	54	0.0065	0.0018	6137.7	22.7	14.3	3.7	0.6	200	17.0	H	S
888	9917/5	03 46 35.9	24 22 52	43	0.0064	0.0016	6137.7	27.0	19.0	4.0	0.8	0	6.9	H	S
889	8384/1	03 46 39.9	-45 23 48	36	0.0211	0.0043	1946.6	30.5	7.5	4.9	1.4	0	0.4	H	S
890	9917/6	03 46 43.0	24 10 01	51	*0.0156	0.0024	6137.7	47.8	8.2	6.4	1.1	1008	20.1	H	S
891	9919/2	03 46 57.3	23 41 40	38	0.0343	0.0039	5754.5	122.6	27.4	8.6	1.1	0	13.2	L	S
892	9919/3	03 47 00.8	23 24 45	41	0.0154	0.0027	5754.5	59.4	18.6	5.6	0.8	0	8.9	L	S
893	6734/1	03 47 01.6	05 08 28	53	0.0173	0.0046	2153.1	18.4	5.6	3.8	0.8	0	21.6	H	S
894	7814/1	03 47 32.5	17 05 45	31	0.237	0.012	2258.0	390.8	6.2	19.6	1.4	0	2.8	AH	S
	7815/1	03 47 32.1	17 06 02	31	0.1396	0.0099	2024.3	206.0	7.0	14.1	1.6	0	2.5	AH	S
	7413/1	03 47 34.4	17 06 02	31	0.251	0.015	1614.5	301.9	4.1	17.3	1.5	0	0.8	AH	S
895	9917/7	03 47 48.2	24 45 04	48	*0.0344	0.0037	6137.7	96.0	12.0	9.2	1.1	603	23.3	H	S
896	9917/8	03 48 06.0	24 35 15	51	0.0111	0.0024	6137.7	31.5	14.5	4.6	0.9	0	22.7	H	S
897	2346/1	03 48 12.6	-14 04 24	42	0.0295	0.0062	1468.4	26.3	4.7	4.7	0.9	0	14.1	H	S
898	9917/9	03 48 26.2	24 39 08	48	0.0379	0.0043	6137.7	87.4	12.6	8.7	1.2	400	28.1	H	S
899	3175/1	03 49 04.3	24 31 15	52	0.0217	0.0057	1313.2	16.5	2.5	3.8	0.8	0	15.6	H	S
900	4579/1	03 50 03.0	-37 12 46	38	0.127	0.011	1650.5	133.3	4.7	11.3	1.2	0	13.0	H	S
901	7408/1	03 50 34.3	25 28 04	43	0.0113	0.0031	2422.0	18.5	7.5	3.6	0.8	0	8.5	H	S
902	2227/1	03 50 56.4	31 44 05	35	0.0237	0.0037	2881.1	48.3	9.7	6.3	1.1	0	0.6	H	S
903	2227/2	03 51 20.7	31 54 16	43	0.0153	0.0035	2881.1	24.6	7.4	4.3	1.0	0	11.1	EH	S
904	1931/1	03 51 33.1	02 40 32	48	0.111	0.013	1496.4	78.7	3.3	8.7	1.2	200	21.8	AH	AGN
	1932/1	03 51 34.7	02 40 54	55	*0.0089	0.0024	4217.9	18.7	6.3	3.7	1.0	1108	21.2	A	AGN
905	2227/3	03 51 42.5	31 11 53	55	0.0202	0.0050	2881.1	21.9	7.1	4.1	1.5	100	33.4	A	S
906	4536/1	03 52 16.1	30 54 07	31	1.450	0.031	2791.8	3015.2	243.8	46.9	1.3	0	0.3	AL	S
	4535/1	03 52 16.2	30 54 07	31	1.410	0.033	2400.7	2525.5	205.5	42.9	1.3	0	0.3	AL	S
907	4535/2	03 52 30.7	30 50 40	35	0.0300	0.0061	2400.7	51.9	27.1	4.8	46.3	0	4.8	L	S
908	8385/1	03 53 18.7	-74 10 35	33	0.088	0.011	1136.2	72.7	4.3	8.3	3.2	0	2.6	AH	S
	1099/1	03 53 06.1	-74 10 39	51	0.081	0.012	1136.6	46.6	2.4	6.7	3.7	0	19.3	AH	S
909	1932/2	03 53 20.4	02 47 27	42	0.0108	0.0023	4217.9	31.5	13.5	4.7	0.8	0	7.7	H	S
910	4578/1	03 53 40.1	-36 42 32	52	0.0291	0.0059	2139.7	28.2	4.8	4.9	1.3	0	23.4	H	S
911	6311/1	03 54 12.7	10 12 05	51	*0.0133	0.0028	6395.4	30.1	9.9	4.8	0.8	602	29.4	H	S
912	4578/2	03 54 16.3	-36 58 52	43	0.0153	0.0037	2139.7	22.3	6.7	4.1	0.8	0	8.6	H	S
913	4578/3	03 54 37.6	-36 50 18	51	0.0446	0.0065	2139.7	52.1	5.9	6.8	1.5	0	18.0	H	S
914	5919/1	03 54 45.5	53 50 48	42	0.00474	0.00089	18041.9	51.1	40.9	5.3	0.8	0	14.1	H	S
915	5460/1	03 54 58.8	-01 18 03	36	0.062	0.010	884.7	40.8	2.2	6.2	1.3	0	0.6	H	S
916	2218/1	03 55 42.6	35 38 40	39	0.0811	0.0088	1529.5	88.0	4.0	9.2	1.2	0	6.3	H	S
917	6311/2	03 56 54.7	10 11 25	38	0.0323	0.0030	6395.4	128.3	16.7	10.7	1.2	0	12.7	AH	S
	2683/1	03 56 55.5	10 11 18	42	0.0338	0.0070	1248.7	26.2	2.8	4.9	0.9	0	13.0	AH	S
	10434/1	03 56 55.5	10 11 29	51	0.0423	0.0078	2018.1	33.2	4.8	5.4	1.1	0	27.9	AH	S
918	4901/1	03 57 03.9	-23 50 09	56	*0.0142	0.0037	2621.5	18.3	4.7	3.8	0.8	1209	21.8	H	S
919	6311/3	03 57 28.9	10 47 12	51	0.0272	0.0044	6395.4	45.8	10.2	6.1	1.9	100	35.1	AH	AGN
	2683/2	03 57 27.2	10 47 06	52	0.052	0.013	1248.7	17.3	1.7	4.0	1.4	500	35.1	AH	AGN
920	4901/2	03 57 43.5	-23 40 48	52	0.0252	0.0056	2621.5	24.8	5.2	4.5	1.0	100	28.7	H	S
921	4901/3	03 58 05.7	-23 56 01	43	0.0149	0.0034	2621.5	23.9	6.1	4.4	0.7	0	14.1	H	S
922	4577/1	03 58 22.6	-37 01 17	51	0.0240	0.0046	2305.9	32.9	7.1	5.2	0.9	0	15.6	H	S
923	7164/1	03 59 40.2	25 47 05	42	0.0202	0.0044	1978.4	27.8	8.2	4.6	0.9	0	7.0	H	S
924	4612/1	03 59 58.0	34 41 57	51	*0.0331	0.0059	3312.0	35.5	4.5	5.6	1.0	703	29.5	EH	S
925	10606/1	04 00 10.5	-18 11 08	42	0.0074	0.0016	10441.2	55.0	37.0	4.6	0.6	0	5.3	L	S
926	3994/1	04 00 46.0	26 02 30	42	0.0265	0.0047	2282.8	36.5	4.5	5.7	1.2	0	14.7	H	S
927	3994/2	04 00 49.0	25 38 33	48	0.0748	0.0079	2282.8	94.4	4.6	9.5	1.1	400	16.7	AH	S
	7164/2	04 00 48.0	25 38 33	51	0.0272	0.0055	1978.4	29.9	6.1	5.0	0.9	200	16.7	AH	S
928	4576/1	04 01 27.7	-36 17 15	43	0.0235	0.0048	1938.6	28.2	5.8	4.8	0.9	0	12.6	H	S
929	7918/1	04 01 31.6	21 48 09	41	0.0173	0.0042	3566.6	41.6	28.4	4.0	3.4	0	9.1	HL	S
930	7918/2	04 01 41.6	21 50 21	38	0.0501	0.0047	3566.6	124.8	9.2	10.8	1.7	0	6.3	HL	S
931	4576/2	04 02 05.0	-36 13 19	38	0.182	0.013	1938.6	218.3	5.7	14.6	1.3	0	13.0	H	S
932	7918/3	04 02 12.5	22 21 41	51	*0.0215	0.0041	3566.6	32.5	5.5	5.3	0.9	804	25.8	H	S
933	7918/4	04 02 21.4	21 52 25	38	0.0738	0.0057	3566.6	172.7	8.3	12.8	1.2	0	9.7	H	S
934	10648/2	04 03 13.9	-13 06 43	51	*0.0128	0.0033	9774.6	55.1	27.4	3.6	1.0	1003	24.4	L	S
935	7629/1	04 03 15.1	-13 16 03	32	0.0548	0.0070	1611.8	65.8	5.2	7.8	1.1	0	0.6	AL	Q
	10648/1	04 03 12.8	-13 15 52	48	0.0254	0.0046	9774.6	81.1	52.9	5.4	1.3	500	31.2	AH	Q
	9528/1	04 03 14.4	-13 16 10	35	0.0461	0.0062	1780.2	61.1	5						

Number		Position			Intensity		Detection Params.					Flags			
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±	LIVE- TIME	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R (')	SRC	ID
936	3907/1	04 04 49.3	-12 30 23	44	0.0224	0.0060	1202.3	16.2	2.8	3.7	0.8	0	14.0	H	
937	7030/1	04 05 26.3	-56 25 16	54	0.0081	0.0019	10378.5	30.6	19.4	4.3	1.2	0	29.7	H	
938	3906/1	04 05 27.5	-12 19 26	31	0.173	0.012	1735.6	224.5	7.5	14.7	1.1	0	0.2	AH	
	3907/2	04 05 28.4	-12 19 31	32	0.173	0.014	1202.3	155.0	4.0	12.3	1.3	0	0.4	AH	
939	10648/3	04 06 01.1	-12 42 04	50	0.0187	0.0029	9774.6	81.2	32.8	6.3	1.2	0	23.9	AL	
	3906/2	04 05 59.6	-12 42 18	55	0.0240	0.0063	1735.6	18.2	4.8	3.8	0.8	0	24.1	AH	
940	3988/1	04 06 35.2	12 09 45	41	0.0131	0.0034	1841.3	17.9	4.1	3.8	0.6	0	0.2		
941	3352/1	04 07 09.9	-71 24 22	43	0.0198	0.0040	2184.9	28.2	4.8	4.9	1.1	0	11.0	H	
942	5166/1	04 07 11.9	-62 59 54	50	*0.0175	0.0023	9189.9	76.1	20.9	7.7	1.1	702	22.9	H	
943	10153/1	04 07 14.8	-08 01 34	48	1.394	0.033	4506.9	2467.5	211.5	42.3	1.3	0	27.6	L	
944	7030/2	04 07 22.6	-55 51 01	51	0.0093	0.0018	10378.5	40.6	21.4	5.2	1.6	500	26.7	H	
945	7030/3	04 08 46.4	-56 14 30	35	0.0066	0.0012	10378.5	51.0	35.0	5.5	0.8	0	0.4	H	G
946	3352/2	04 09 35.3	-71 25 24	32	0.0539	0.0060	2184.9	87.8	7.2	9.0	1.0	0	0.8	H	Q
947	8978/1	04 09 43.5	22 57 34	36	0.0074	0.0018	5047.7	27.9	16.1	4.2	0.8	0	0.2	H	S
948	3367/1	04 09 47.0	-10 35 24	32	0.0487	0.0058	2096.8	76.1	6.9	8.4	1.3	0	0.4	H	CLG
949	303/1	04 10 40.1	10 20 22	31	0.400	0.018	3508.8	1029.8	490.2	22.1	2.5	0	2.0	AL	CLG
	7433/1	04 10 40.4	10 20 10	48	0.439	0.033	1202.3	315.1	105.9	13.0	2.0	0	15.2	AL	S
950	4423/1	04 10 51.3	07 35 09	32	0.0245	0.0030	4171.5	76.0	11.0	8.2	1.4	0	0.2	H	
951	1935/1	04 10 54.2	11 04 47	32	0.088	0.011	1107.7	71.6	3.4	8.3	1.0	0	1.8	AH	G
	1936/1	04 10 55.4	11 04 57	32	0.0753	0.0098	1104.8	61.8	3.2	7.7	1.2	0	2.0	AH	G
952	3815/1	04 11 27.0	26 09 11	52	*0.0402	0.0091	1570.9	22.5	3.5	4.4	1.1	603	30.2		
953	8978/2	04 11 29.8	23 27 27	55	0.0262	0.0059	5047.7	26.5	8.5	4.5	1.4	400	38.3	EH	*
954	4423/2	04 12 22.1	07 17 29	51	*0.0197	0.0038	4171.5	31.2	5.8	5.1	0.9	806	28.8	H	S
955	865/1	04 12 27.4	-08 02 57	48	0.0904	0.0072	3699.6	166.4	8.6	12.6	1.1	0	20.4	H	AGN
956	7606/1	04 12 47.9	06 04 04	31	0.1039	0.0048	6329.5	491.0	18.0	21.8	1.5	0	0.2	H	
957	865/2	04 12 59.4	-07 45 27	31	0.1630	0.0078	3699.6	446.5	12.5	20.8	1.8	0	1.5	H	S
958	5166/2	04 13 46.3	-62 35 08	48	*0.1092	0.0059	9189.9	363.9	17.1	18.6	1.6	1209	28.7	AH	
	7046/1	04 13 45.4	-62 35 39	48	*0.0493	0.0044	8378.3	143.8	21.2	11.2	1.4	501	29.3	AH	
959	4521/1	04 14 16.3	00 57 58	38	1.103	0.043	1163.1	809.7	17.3	25.3	1.1	0	12.6	AL	BL
960	7046/2	04 14 46.1	-63 15 31	56	0.0092	0.0023	8378.3	31.1	26.9	4.1	1.2	0	26.0	H	
961	9000/1	04 14 46.9	16 49 41	48	0.520	0.011	9127.6	2347.0	16.0	48.3	1.2	0	20.8	H	S
962	521/1	04 14 48.6	-06 00 58	31	0.0595	0.0046	4083.8	180.5	15.5	12.9	1.1	0	0.2	H	Q
963	2669/1	04 15 00.7	37 54 14	41	0.306	0.017	1412.1	323.4	4.6	17.9	1.2	0	0.2	H	G
964	9000/2	04 15 02.4	17 16 06	43	0.0054	0.0012	9127.6	32.1	19.9	4.5	1.1	0	10.5	H	
965	5726/1	04 15 08.2	-55 54 43	55	0.0346	0.0096	738.7	14.4	1.6	3.6	1.2	0	17.0	H	
966	9000/3	04 15 30.4	17 17 39	38	0.0221	0.0020	9127.6	134.0	21.0	10.8	1.3	0	9.8	AH	S
	3667/1	04 15 28.7	17 17 37	48	*0.0293	0.0036	6591.0	79.1	12.9	8.2	1.1	703	26.5	AH	S
967	9000/4	04 15 30.6	16 51 42	52	0.0061	0.0013	9127.6	32.3	17.7	4.6	0.8	0	16.4	H	
968	3663/1	04 15 37.3	14 50 30	51	*0.0347	0.0058	2725.9	39.6	4.4	6.0	1.1	1009	25.9	H	
969	3667/2	04 15 47.2	17 43 14	51	0.0108	0.0021	6591.0	34.3	12.7	5.0	1.0	0	22.2	H	
970	9000/5	04 15 59.9	17 16 14	38	0.0198	0.0020	9127.6	118.6	21.4	10.0	1.1	0	11.0	AH	
	3667/3	04 15 59.6	17 15 53	51	0.0164	0.0025	6591.0	52.7	10.3	6.6	0.9	100	21.9	AH	
971	4514/1	04 16 09.5	28 59 02	41	0.0093	0.0025	2678.8	18.5	6.5	3.7	0.7	0	0.4		
972	9000/6	04 16 15.3	17 24 17	51	0.0097	0.0017	9127.6	46.0	19.0	5.7	0.9	0	19.6	AH	S
	3667/4	04 16 16.8	17 24 47	42	0.0088	0.0018	6591.0	36.5	16.5	5.0	1.1	0	13.0	AH	S
973	3284/1	04 16 29.3	21 01 48	36	0.0289	0.0059	1259.9	26.9	3.1	4.9	1.0	0	1.3	H	S
974	3843/1	04 16 37.1	27 42 20	55	*0.0246	0.0067	2065.8	15.5	2.5	3.6	1.0	603	29.7	EH	
975	3663/2	04 16 56.6	15 30 38	48	0.0612	0.0074	2725.9	73.2	4.8	8.3	1.0	200	24.7	AH	S
	3664/1	04 16 57.0	15 30 35	50	0.0534	0.0072	2444.9	58.6	3.4	7.4	1.2	300	23.4	AH	S
976	7046/3	04 16 58.8	-62 54 05	32	0.0175	0.0019	8378.3	109.1	34.9	9.1	1.5	0	0.4	H	G
977	3666/1	04 17 02.0	16 24 40	51	*0.0247	0.0042	2940.7	39.2	4.8	5.9	1.2	1008	17.7	AH	S
	3664/2	04 17 03.1	16 24 05	52	*0.0247	0.0059	2444.9	19.8	2.2	4.2	1.1	703	30.5	AH	S
978	7434/1	04 17 18.6	19 06 29	51	0.0528	0.0096	1916.5	33.9	4.1	5.5	1.4	0	31.1	AH	
	3816/1	04 17 19.1	19 06 30	55	0.0246	0.0059	2665.0	21.8	5.2	4.2	1.4	0	30.8	AH	
979	3522/1	04 18 05.7	13 44 34	52	0.0206	0.0044	3480.0	26.3	5.7	4.7	1.0	400	28.9	AH	S
980	3194/1	04 18 11.5	-06 21 45	35	0.097	0.014	726.2	52.2	2.8	7.0	1.2	0	0.7	H	CV
981	3721/1	04 18 19.1	-38 44 28	53	0.0062	0.0011	20716.1	53.7	44.3	5.4	1.6	500	26.0	H	
982	7046/4	04 18 23.9	-62 40 06	52	0.0087	0.0018	8378.3	41.6	32.4	4.8	1.3	300	17.5		
983	7046/5	04 18 39.1	-62 32 12	56	*0.0072	0.0019	8378.3	26.7	21.3	3.9	1.2	803	24.7	H	
984	9002/1	04 18 42.6	14 46 22	52	*0.0077	0.0016	8369.1	33.7	13.3	4.9	0.8	603	19.9		
985	3665/1	04 18 44.8	14 17 39	51	0.0281	0.0053	2699.8	32.4	4.6	5.3	1.4	0	24.4	AH	S
	3521/1	04 18 42.2	14 17 22	55	*0.0223	0.0054	2600.8	19.7	3.3	4.1	0.9	1609	30.4	A	S
	3522/2	04 18 45.5	14 17 40	53	*0.0189	0.0045	3480.0	21.8	5.2	4.2	1.0	703	30.3	AH	S
986	4507/1	04 18 51.5	28 19 27	36	0.0139	0.0032	2248.0	23.1	5.9	4.3	1.0	0	1.5		
987	4507/2	04 18 52.3	28 11 14	38	0.336	0.015	2248.0	514.3	5.7	22.6	1.2	0	8.1	AH	S
	3843/2	04 18 52.2	28 11 07	48	*0.402	0.021	2065.8	388.2	2.8	19.6	1.2	906	23.1	AH	S
988	1937/1	04 18 54.3	-55 03 19	31	0.258	0.012	2603.1	500.2	6.8	22.2	1.4	0	1.1	AH	
	1938/1	04 18 54.2	-55 03 15	31	0.1611	0.0094	2529.0	303.7	8.3	17.2	1.3	0	1.3	AH	
989	3721/2	04 19 00.3	-38 48 48	52	0.00327	0.00077	20716.1	37.6	40.4	4.3	0.7	0	17.6	H	
990	7434/2	04 19 02.6	19 25 04	32	0.0482	0.0061	1916.5	68.8	6.2	7.9	1.2	0	0.2	AH	S
	3816/2	04 19 03.5	19 25 18	32	0.0350	0.0044	2665.0	69.4	7.6	7.9	1.1	0	0.2	AH	S
991	3194/2	04 19 06.2	-06 35 40	51	0.073	0.014	726.2	28.3	1.7	5.2	1.1	500	19.4	H	
992	1938/2	04 19 08.5	-54 42 46	55	*0.0181	0.0043	2529.0	22.4	6.6	4.2	1.0	703	21.4	AH	
	1937/2	04 19 04.7	-54 42 47	55	*0.0147	0.0037	2603.1	18.6	3.4	4.0	0.8	1007	21.4	A	
993	3816/3	04 19 11.7	19 09 01	51	*0.0238	0.0043	2665.0	35.5	5.5	5.5	1.1	806	16.8	A	
	7434/3	04 19 13.1	19 08 45	52	*0.0221	0.0049	1916.5	23.7	4.3	4.5	0.9	703	16.3	AH	
994	3816/4	04 19 23.4	19 43 55	48	0.0614	0.0068	2665.0	86.8	5.2	9.0	1.0	500	19.0	AH	
	7434/4	04 19 22.8	19 43 27	51	0.0436	0.0068	1916.5	44.5	4.5	6.4	1.2	200	18.8	AH	
995	9002/2	04 19 27.6	15 07 45	43	0.0054	0.0013	8369.1	28.9	22.1	4.1	2.0	0	13.0		
996	3522/3	04 19 35.7	14 04 51	43	0.0110	0.0026	3480.0	24.0	8.0	4.2	1.9	0	12.8	H	

04^h19^m40.0^s — 04^h24^m40.4^s

Number		Position			Intensity		Detection Params.			SIZE COR	RECO	R (')	Flags		
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±	LIVE-TIME	NET CTS	BKG CTS				S/N	SRC	ID
997	9002/3	04 19 40.0	15 05 39	42	0.0089	0.0015	8369.1	50.2	19.8	6.0	1.3	0	9.8	H	
998	2015/1	04 19 42.8	-01 29 36	52	*0.0170	0.0040	2255.6	22.1	4.9	4.3	0.7	803	15.2	H	
999	3519/1	04 19 52.7	16 41 16	52	0.0306	0.0067	1923.5	24.3	3.7	4.6	1.0	0	25.5	H	S
1000	9002/4	04 19 53.9	14 56 25	31	0.0469	0.0029	8369.1	292.8	24.2	16.4	1.2	0	0.2	AH	S
	9003/1	04 19 54.3	14 56 24	48	*0.0941	0.0051	9379.5	349.9	14.1	18.3	1.3	1109	27.6	AH	S
	3521/2	04 19 54.9	14 56 21	48	0.0564	0.0060	2600.8	92.4	5.6	9.3	1.1	0	15.1	AH	S
	10410/1	04 19 55.2	14 56 08	39	0.0563	0.0069	2661.1	96.5	12.5	8.0	1.0	0	12.2	AL	S
1001	3668/1	04 20 01.4	17 26 48	55	0.0169	0.0042	3241.1	20.7	5.3	4.1	1.1	0	28.1	AH	S
	3519/2	04 20 03.5	17 25 18	51	*0.0254	0.0052	1923.5	26.7	3.3	4.9	1.1	703	18.5	AH	S
1002	7046/6	04 20 03.2	-62 52 14	52	0.0075	0.0018	8378.3	31.7	26.3	4.2	0.7	100	21.0		
1003	3721/3	04 20 03.4	-38 38 55	42	0.00317	0.00077	20716.1	41.6	60.4	4.1	0.8	0	13.4	H	*
1004	3519/3	04 20 15.4	17 18 26	47	0.0131	0.0037	1923.5	16.2	4.8	3.5	1.5	0	12.3	H	
1005	8422/1	04 20 18.8	-13 28 17	37	0.0182	0.0046	1403.3	18.8	4.2	3.9	0.8	0	1.4	H	
1006	3721/4	04 20 22.6	-39 00 12	41	0.00574	0.00086	20716.1	79.2	62.8	6.6	0.8	0	9.3	H	* Q
1007	3721/5	04 20 30.0	-38 51 41	31	0.0156	0.0011	20716.1	239.1	65.9	13.7	1.1	0	0.7	H	
1008	7046/7	04 20 33.3	-62 47 05	52	*0.0113	0.0021	8378.3	41.3	19.7	5.3	0.9	906	25.5	H	
1009	9003/2	04 20 33.6	14 18 54	52	*0.0077	0.0016	9379.5	33.0	15.0	4.8	0.8	805	23.0	H	
1010	3721/6	04 20 36.5	-38 39 06	43	0.00313	0.00077	20716.1	42.1	63.9	4.1	0.6	0	12.0		
1011	3510/1	04 20 42.2	15 34 34	42	0.0289	0.0050	2015.1	37.9	5.1	5.8	3.5	0	12.7		
1012	9003/3	04 20 44.1	14 33 23	42	0.0055	0.0012	9379.5	34.3	21.7	4.6	0.8	0	10.7	AH	S
1013	9002/5	04 20 41.9	14 33 28	51	0.0086	0.0020	8369.1	29.3	16.7	4.3	0.9	0	25.6	A	S
	2015/2	04 20 44.2	-01 27 19	32	0.0972	0.0078	2255.6	163.6	7.4	12.5	1.1	0	0.4	AH	Q
	2016/1	04 20 42.8	-01 27 21	36	0.073	0.014	514.6	28.2	1.8	5.1	1.1	0	0.4	AH	
1014	3517/1	04 20 46.5	15 50 35	36	0.0296	0.0044	2372.9	49.5	5.5	6.7	1.1	0	4.9	AH	
	3510/3	04 20 51.7	15 50 48	55	*0.0194	0.0051	2015.1	17.2	2.8	3.8	1.0	1609	24.5	A	
1015	3517/2	04 20 49.8	15 31 17	51	0.0349	0.0061	2372.9	37.1	4.9	5.7	1.3	0	23.3	AH	
	3510/2	04 20 50.7	15 31 27	42	0.0250	0.0047	2015.1	32.0	5.0	5.3	2.5	0	12.5	AH	
	9002/6	04 20 55.3	15 29 51	56	*0.0121	0.0030	8369.1	23.1	9.9	4.0	1.3	602	36.9	AH	
1016	3721/7	04 20 52.9	-39 03 59	39	0.0100	0.0011	20716.1	124.6	57.4	9.2	1.0	0	13.7	H	*
1017	9003/4	04 21 01.0	14 48 05	38	0.0266	0.0022	9379.5	165.6	19.4	12.2	1.3	0	10.8	AH	S
	9002/7	04 20 58.6	14 48 12	48	0.0208	0.0023	8369.1	93.4	17.6	8.9	1.0	0	17.6	AH	S
	3521/3	04 20 59.5	14 48 43	51	*0.0203	0.0039	2600.8	30.0	4.0	5.2	1.2	1609	15.9	A	S
	10410/2	04 20 60.0	14 48 39	42	0.0188	0.0045	2661.1	35.2	14.8	4.1	1.0	0	5.6	AL	S
1018	3721/8	04 21 18.4	-39 16 13	56	0.0048	0.0011	20716.1	39.0	44.0	4.3	1.1	0	26.9	H	
1019	9002/8	04 21 20.1	14 58 24	48	*0.0219	0.0025	8369.1	89.0	15.0	8.7	1.0	603	20.8	H	
1020	9003/5	04 21 22.5	14 38 38	31	0.0966	0.0038	9379.5	675.3	23.7	25.5	1.4	0	0.2	AH	S
	10410/3	04 21 21.6	14 38 46	38	0.0785	0.0087	2661.1	122.6	18.4	8.9	1.1	0	15.0	AL	S
	9002/9	04 21 22.1	14 38 57	51	*0.0153	0.0024	8369.1	48.4	8.6	6.4	1.5	1309	27.7	AH	S
	3521/4	04 21 22.3	14 38 31	48	*0.0221	0.013	2600.8	280.5	4.5	16.6	1.2	1609	20.3	A	S
	3518/1	04 21 22.8	14 38 46	48	0.166	0.018	1959.6	83.3	2.7	9.0	1.5	500	35.1	AH	S
1021	3523/1	04 21 23.4	14 38 23	48	*0.111	0.010	3317.2	126.6	4.4	11.1	1.3	1006	30.7	AH	S
	3516/1	04 21 35.9	16 46 54	54	0.0218	0.0053	1721.5	19.7	3.3	4.1	0.9	0	19.2	AH	S
	10412/1	04 21 35.4	16 46 04	54	0.0288	0.0080	1670.7	16.2	3.8	3.6	1.1	500	32.0	AH	S
	9001/1	04 21 40.0	16 46 52	54	*0.0086	0.0021	12826.4	26.0	15.0	4.1	1.3	803	31.8	AEH	S
1022	9004/1	04 21 58.7	15 45 33	51	*0.0094	0.0017	10811.0	39.6	11.4	5.6	1.8	1409	26.6	AH	*
	3517/3	04 21 58.7	15 45 20	54	*0.0174	0.0043	2372.9	18.8	3.2	4.0	1.0	906	22.9	AH	*
	4476/1	04 21 58.9	15 45 29	55	*0.0171	0.0048	1527.4	14.8	2.2	3.6	0.7	602	15.7	AH	*
1023	1990/1	04 22 11.3	00 29 10	35	0.0536	0.0084	1141.3	44.6	4.4	6.4	0.9	0	2.8	AH	BL
	1989/1	04 22 13.2	00 29 29	36	0.0409	0.0067	1384.8	41.5	4.5	6.1	0.9	0	3.4	AH	BL
1024	3516/2	04 22 19.7	17 09 06	52	0.0301	0.0072	1721.5	20.0	3.0	4.2	1.1	0	28.1	AH	S
1025	3528/1	04 22 20.2	17 09 10	51	*0.0210	0.0036	4006.8	37.7	4.3	5.8	1.0	906	23.5	AH	S
	3721/9	04 22 22.2	-38 38 26	58	0.0046	0.0010	20716.1	41.2	37.8	4.6	1.0	500	25.4	H	S
1026	3528/2	04 22 37.3	17 48 13	52	*0.0113	0.0025	4006.8	25.3	6.7	4.5	0.9	601	17.8	H	S
1027	4476/2	04 22 48.4	15 49 39	35	0.0473	0.0068	1527.4	51.7	3.3	7.0	1.4	0	4.8	AH	S
	9004/2	04 22 47.2	15 49 46	48	*0.0256	0.0023	10811.0	129.5	11.5	10.9	1.3	906	21.9	AH	S
1028	3721/10	04 22 50.0	-38 55 13	97	0.0045	0.0011	20716.1	35.8	41.2	4.1	0.8	0	27.7		
1029	3528/3	04 22 54.5	17 54 06	53	*0.0119	0.0028	4006.8	22.5	5.5	4.2	1.1	906	23.1	H	S
1030	9004/3	04 23 00.5	15 24 57	42	0.0071	0.0012	10811.0	51.9	22.1	6.0	51.5	0	8.9	H	
1031	9001/2	04 23 10.7	17 00 41	55	0.0049	0.0013	12826.4	27.3	20.7	3.9	0.9	0	24.2		
1032	9004/4	04 23 15.7	15 24 52	38	0.0397	0.0024	10811.0	300.6	25.4	16.6	9.0	0	6.5	AH	S
1033	3518/2	04 23 16.4	15 24 31	51	*0.0403	0.0065	1959.6	41.7	3.3	6.2	1.0	906	19.2	AH	S
	9001/3	04 23 16.4	16 48 17	41	0.0107	0.0013	12826.4	84.8	25.2	8.1	4.2	0	13.1	H	
1034	9004/5	04 23 30.1	15 30 24	31	0.2101	0.0051	10811.0	1690.8	23.2	40.8	1.8	0	0.2	AH	S
	4476/3	04 23 30.6	15 30 32	48	0.208	0.018	1527.4	139.9	2.1	11.7	1.4	400	24.9	AH	S
	3518/3	04 23 32.0	15 30 28	48	0.377	0.022	1959.6	308.9	3.1	17.5	1.3	400	26.2	AH	S
1035	9001/4	04 23 34.4	16 44 29	38	0.0209	0.0016	12826.4	184.6	24.4	12.8	2.1	0	7.0	AH	S
	3516/3	04 23 30.4	16 44 33	41	0.0443	0.0064	1721.5	51.6	3.4	7.0	1.4	0	8.9	AH	S
	10412/2	04 23 34.4	16 43 43	42	0.0364	0.0060	1670.7	41.8	6.2	6.0	1.3	0	8.7	AH	S
1036	9001/5	04 23 34.9	16 12 13	55	0.0047	0.0013	12826.4	24.9	21.1	3.7	1.4	0	25.9		
1037	9001/6	04 23 47.7	16 38 10	32	0.0138	0.0013	12826.4	131.5	28.5	10.4	1.4	0	0.7	AH	S
	10412/3	04 23 46.7	16 37 46	36	0.0246	0.0049	1670.7	30.1	5.9	5.0	0.9	0	2.8	AH	S
	3516/4	04 23 46.9	16 38 03	39	0.0737	0.0085	1721.5	77.8	3.2	8.6	1.2	0	13.4	AH	S
1038	4029/1	04 23 51.0	-12 47 39	55	0.0062	0.0016	11107.5	29.4	25.6	4.0	0.8	0	26.4	H	
1039	10572/1	04 24 00.2	25 35 09	55	*0.0129	0.0030	3326.2	23.1	5.9	4.3	0.9	1109	17.7	A	
	10573/1	04 23 58.4	25 35 43	56	*0.0087	0.0025	3529.2	16.9	6.1	3.5	0.9	906	16.9	AH	
1040	9001/7	04 24 00.4	16 54 51	52	*0.00339	0.00096	12826.4	24.1	22.9	3.5	0.7	804	17.2	H	
1041	9001/8	04 24 09.7	16 41 12	42	0.00411	0.00090	12826.4	37.4	29.6	4.6	0.7	0	6.0		
1042	9005/1	04 24 11.6	15 18 29	51	0.0283	0.0045	9461.2	52.8	18.2	6.3	1.3	100	39.2	EH	H
1043	3528/4	04 24 18.4	17 44 21	48	0.0684	0.0063	4006.8	122.4	6.6	10.8	1.2	200	23.9	H	
1044	9001/9	04 24 40.4	16 46 02	42	0.0041	0.0010	12826.4	31.4	28.6</						

04^h24^m42.1^s — 04^h31^m55.2^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
1045	9004/6	04 24 42.1	15 54 26	55	*0.0063	0.0016	10811.0	24.2	13.8	3.9	1.0	1106	29.8	H	
1046	9004/7	04 24 42.6	15 28 43	49	0.0138	0.0017	10811.0	83.7	18.3	8.3	1.2	0	17.5	H	S
1047	9004/8	04 24 42.8	15 17 12	51	0.0059	0.0013	10811.0	31.4	17.6	4.5	0.9	0	22.1	H	
1048	4029/2	04 24 49.0	-13 09 41	36	0.0038	0.0010	11107.5	31.5	41.5	3.7	0.6	0	0.4		Q
1049	3818/1	04 25 13.7	25 49 14	55	0.0186	0.0052	2664.8	17.2	5.8	3.6	0.9	0	29.8	AH	
	10573/2	04 25 11.5	25 48 56	52	*0.0130	0.0029	3529.2	25.1	5.9	4.5	0.8	1006	17.4	AH	
	10572/2	04 25 12.1	25 49 02	51	*0.0206	0.0036	3326.2	37.2	5.8	5.7	0.8	1006	17.4	AH	
1050	3524/1	04 25 34.1	14 37 50	43	0.0107	0.0027	2743.1	20.9	7.1	4.0	0.8	0	5.1	H	S
1051	3527/1	04 25 34.4	17 35 28	52	0.0323	0.0071	1952.9	23.6	3.4	4.5	1.3	500	29.4	H	*
1052	9005/2	04 25 43.5	15 51 17	31	0.1108	0.0040	9461.2	780.7	30.3	27.4	1.3	0	0.2	AH	S
	3512/1	04 25 42.0	15 51 24	48	0.162	0.013	2608.0	172.5	5.5	12.9	1.2	0	27.1	AH	S
	3513/1	04 25 44.1	15 51 22	48	*0.163	0.013	1918.7	153.3	2.7	12.3	1.1	906	20.9	AH	S
1053	9005/3	04 25 48.0	15 46 16	43	0.0044	0.0011	9461.2	29.1	29.9	3.8	0.7	0	5.1	H	
1054	3527/2	04 25 54.8	17 10 08	36	0.0201	0.0041	1952.9	28.5	5.5	4.9	1.0	0	4.0	H	S
1055	3512/2	04 25 56.8	16 11 04	42	0.0252	0.0040	2608.0	46.0	8.0	6.3	1.3	0	8.5	AH	*
	9001/10	04 25 59.3	16 12 23	52	*0.0159	0.0031	12826.4	36.0	13.0	5.1	3.2	703	41.0	AEH	*
	9006/1	04 25 59.5	16 10 51	48	0.0396	0.0032	11647.4	170.8	20.2	12.4	1.4	100	29.1	AH	*
	9005/4	04 26 00.0	16 10 31	48	*0.0324	0.0027	9461.2	159.6	20.4	11.9	1.1	703	19.7	AH	*
1056	414/1	04 26 06.8	64 44 27	35	*0.0243	0.0036	2847.2	51.5	6.5	6.8	1.4	0	0.9	H	G
1057	3512/4	04 26 07.3	16 14 27	43	0.0117	0.0029	2608.0	21.7	7.3	4.0	0.9	0	6.1	AH	*
	9005/6	04 26 07.9	16 14 48	56	*0.0069	0.0016	9461.2	29.1	14.9	4.4	1.3	1109	24.6	A	*
1058	9005/5	04 26 07.6	16 02 55	38	0.0281	0.0023	9461.2	166.0	26.0	12.0	1.1	0	13.3	AH	*
	3512/3	04 26 07.1	16 03 02	51	0.0201	0.0040	2608.0	30.8	6.2	5.1	1.1	0	16.3	AH	*
	9006/2	04 26 07.5	16 02 59	48	0.0263	0.0025	11647.4	128.9	24.1	10.4	1.4	500	25.7	AH	*
1059	3527/3	04 26 27.3	17 26 01	51	*0.0517	0.0076	1952.9	49.6	3.4	6.8	1.2	601	21.8	H	S
1060	7247/1	04 26 37.5	17 45 46	51	0.0144	0.0022	10568.0	53.3	15.7	6.4	1.7	300	29.6	H	
1061	3818/2	04 26 37.7	26 26 26	42	0.0247	0.0041	2664.8	42.0	7.0	6.0	1.1	0	12.2	H	S
1062	9006/3	04 26 41.1	16 08 07	51	0.0058	0.0013	11647.4	36.1	27.9	4.5	0.7	0	18.6	H	
1063	7247/2	04 27 02.5	18 15 15	52	*0.0088	0.0016	10568.0	40.0	14.0	5.4	0.8	906	25.7	H	
1064	7247/3	04 27 10.9	18 07 19	48	0.0504	0.0031	10568.0	276.8	19.2	16.1	1.0	0	20.2	H	
1065	9006/4	04 27 15.7	15 32 21	51	0.0118	0.0022	11647.4	44.8	25.2	5.3	1.2	0	31.5	H	S
1066	9006/5	04 27 42.9	15 37 25	51	0.0064	0.0015	11647.4	32.1	23.9	4.3	0.7	0	25.1	H	
1067	9006/6	04 27 55.7	16 02 32	31	0.0520	0.0025	11647.4	451.8	36.2	20.5	1.2	0	0.2	AH	S
	3511/1	04 27 56.3	16 02 31	39	0.0581	0.0070	2077.7	72.4	4.6	8.2	1.1	0	14.3	AH	S
1068	9006/7	04 28 18.5	16 17 02	52	0.0038	0.0011	11647.4	26.0	28.0	3.5	1.0	0	15.6	H	
1069	7247/4	04 28 30.4	18 09 30	38	0.0455	0.0026	10568.0	324.9	30.1	17.2	1.4	0	9.7	H	
1070	10075/1	04 28 33.4	20 29 08	43	0.0099	0.0027	2774.4	19.2	7.8	3.7	0.7	0	6.6	H	
1071	3526/1	04 28 35.5	16 59 33	55	0.0163	0.0043	1934.0	17.9	4.1	3.8	0.9	0	16.8	H	
1072	7247/5	04 28 43.4	17 36 22	51	0.0106	0.0018	10568.0	49.1	18.9	6.0	1.2	0	23.8	AH	
	867/1	04 28 43.2	17 36 10	47	0.0134	0.0035	2054.4	18.5	5.5	3.8	1.1	0	10.0	AH	
1073	7247/6	04 28 45.3	18 07 27	38	0.0173	0.0017	10568.0	125.6	29.4	10.1	3.7	0	8.4	H	
1074	7247/7	04 29 04.2	18 15 04	51	0.0079	0.0014	10568.0	46.9	22.1	5.7	6.6	0	17.0	H	
1075	414/2	04 29 12.4	64 31 52	48	*0.0820	0.0082	2847.2	102.0	3.0	10.0	1.3	1007	23.8	H	S
1076	7247/8	04 29 14.3	17 50 57	38	0.0177	0.0018	10568.0	111.6	23.4	9.6	3.2	0	13.8	H	
1077	6667/1	04 29 14.6	-05 11 56	38	0.0178	0.0042	1730.1	22.9	6.1	4.3	1.4	0	1.5	H	G
1078	7247/9	04 29 19.3	18 14 05	48	0.0434	0.0029	10568.0	246.7	24.3	15.0	1.2	500	18.6	AH	S
	3819/2	04 29 22.7	18 14 20	51	*0.0210	0.0045	2643.5	26.3	4.7	4.7	0.8	806	22.9	AH	S
1079	7247/10	04 29 20.4	17 55 15	38	0.0358	0.0025	10568.0	232.5	23.5	14.5	1.6	0	13.0	AH	S
	3819/1	04 29 21.1	17 55 00	51	*0.0422	0.0064	2643.5	48.7	5.3	6.6	1.4	906	24.9	AH	S
	867/2	04 29 21.8	17 55 12	51	0.0374	0.0060	2054.4	43.3	4.7	6.3	0.9	100	17.2	AH	S
1080	350/1	04 29 25.9	05 18 23	48	0.0137	0.0019	14178.1	113.0	54.0	7.2	1.1	0	16.2	AL	S
	351/1	04 29 27.3	05 18 35	48	*0.0174	0.0015	30293.9	297.3	111.0	11.2	1.2	601	16.0	AL	S
1081	7247/11	04 29 30.1	17 38 36	55	0.0084	0.0017	10568.0	36.0	17.0	5.0	1.0	0	25.8	H	
1082	3819/3	04 29 51.1	17 56 46	52	0.0159	0.0037	2643.5	23.1	5.9	4.3	0.7	0	17.9	H	
1083	9006/8	04 29 59.3	15 54 23	52	0.0090	0.0020	11647.4	34.5	22.5	4.6	1.5	0	30.8	H	
1084	10069/1	04 30 04.7	24 03 16	51	*0.0133	0.0024	9511.7	40.8	15.2	5.5	1.1	803	31.7	AH	
1085	10069/2	04 30 08.0	24 27 32	48	*0.0250	0.0026	9511.7	106.1	15.9	9.6	0.9	1006	24.5	AH	
	4516/1	04 30 09.0	24 27 33	51	*0.0323	0.0063	1964.4	29.0	3.0	5.1	1.0	1409	24.1	A	
1086	10069/3	04 30 21.1	23 53 34	51	*0.0290	0.0039	9511.7	67.9	15.1	7.5	1.5	603	36.1	H	
1087	351/2	04 30 32.2	05 15 06	31	0.5757	0.0059	30293.9	13011.4	1076.6	97.4	1.3	0	0.6	AL	SY
	350/2	04 30 31.3	05 15 05	31	1.102	0.012	14178.1	11631.1	611.9	94.0	1.2	0	0.3	AL	SY
	1939/1	04 30 32.5	05 15 06	31	0.671	0.038	831.1	415.4	23.6	17.6	1.2	0	0.6	AL	SY
1088	10069/4	04 30 33.3	24 14 45	48	*0.0377	0.0029	9511.7	183.3	13.7	13.1	1.0	804	20.3	H	
1089	3819/4	04 30 38.5	17 55 00	38	0.1317	0.0090	2643.5	220.3	8.7	14.6	1.1	0	11.9	AH	
	7247/12	04 30 38.1	17 54 44	48	*0.0973	0.0061	10568.0	269.2	15.8	15.9	1.6	703	31.0	AEH	
	10538/1	04 30 38.7	17 54 57	38	0.1210	0.0099	2613.9	200.2	13.8	12.1	1.1	0	12.1	AL	
	867/3	04 30 40.9	17 54 60	48	0.117	0.012	2054.4	103.6	3.4	10.0	1.2	300	25.1	AL	
1090	1831/1	04 30 40.1	-61 32 58	31	0.0495	0.0062	8243.5	303.9	587.1	7.9	13.7	0	1.4	L	
1091	351/3	04 30 53.0	05 26 36	43	0.00284	0.00074	30293.9	54.1	71.9	3.8	0.6	0	13.1	L	
1092	2349/1	04 31 18.5	-13 21 48	31	0.236	0.013	5953.8	1038.3	1003.7	18.6	4.7	0	1.6	AL	CLG
	2348/1	04 31 20.8	-13 21 46	31	0.296	0.017	3677.9	805.5	597.5	17.6	4.5	0	1.1	AL	CLG
1093	351/4	04 31 28.0	05 09 31	118	0.00242	0.00066	30293.9	43.5	48.5	3.6	-0.1	0	15.5	L	
1094	4515/1	04 31 37.4	24 54 42	48	*0.114	0.012	1987.2	92.4	2.6	9.5	1.4	602	23.9	H	
1095	3819/5	04 31 42.7	17 56 40	50	0.0397	0.0054	2643.5	60.5	6.5	7.4	1.0	0	15.1	AH	
	10538/2	04 31 42.5	17 56 46	50	0.0391	0.0061	2613.9	59.2	6.8	6.3	1.0	0	15.0	AL	
1096	3515/1	04 31 45.5	15 24 28	42	0.0198	0.0040	1980.4	27.7	4.3	4.9	1.1	0	5.5	H	S
1097	3662/1	04 31 50.9	15 06 48	51	0.0280	0.0048	3214.8	38.0	5.0	5.8	1.7	300	25.7	AH	*
	3515/2	04 31 48.9	15 06 04	51	*0.0321	0.0063	1980.4	28.9	3.1	5.1	1.1	601	24.1	AH	*
1098	4516/2	04 31 53.4	24 22 37	36	0.0231	0.0043	1964.4	33.7	5.3	5.4	0.8	0	0.6	AH	
	10069/5	04 31 55.2	24 23 03	44											

04^h32^m10.5^s — 04^h49^m25.3^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
1099	10069/6	04 32 10.5	24 40 60	51	0.0099	0.0016	9511.7	51.0	18.0	6.1	1.1	500	18.4	H	
1100	10069/7	04 32 24.2	24 09 12	48	0.0191	0.0021	9511.7	103.8	21.2	9.3	0.9	0	15.6	H	
1101	351/5	04 32 34.7	05 06 11	52	0.0075	0.0014	30293.9	72.4	57.6	5.1	1.2	100	32.3	L	
1102	4893/1	04 32 52.5	10 03 46	35	0.0425	0.0057	1883.4	59.7	5.3	7.4	1.3	0	0.4	AH	S
	10135/1	04 32 55.0	10 03 49	35	0.0467	0.0070	1421.2	49.5	5.5	6.7	1.3	0	0.2	AH	S
1103	7374/1	04 33 42.4	27 01 55	31	0.488	0.019	2708.8	983.8	165.2	25.3	1.3	0	0.1	AL	
	7375/1	04 33 42.0	27 02 00	31	0.524	0.023	2030.7	792.5	148.5	22.4	1.3	0	0.0	AL	
	7376/1	04 33 42.4	27 02 01	31	0.645	0.027	1886.8	906.4	158.6	24.2	1.3	0	0.1	AL	
1104	10135/2	04 33 56.4	09 56 59	51	0.0445	0.0079	1421.2	35.4	4.6	5.6	1.3	0	17.1	AH	
	4893/2	04 33 55.6	09 57 07	51	0.0423	0.0067	1883.4	44.3	4.7	6.3	1.2	300	16.7	AH	
1105	2640/1	04 34 00.6	-10 28 30	31	0.327	0.022	922.5	224.4	3.6	14.9	1.2	0	0.4	H	SY
1106	7374/2	04 35 24.7	26 50 24	51	0.0266	0.0060	2708.8	29.4	4.6	4.3	1.0	0	25.6	L	
1107	4942/1	04 35 57.4	52 58 53	32	0.0531	0.0045	3684.0	145.7	9.3	11.7	1.2	0	0.2	H	
1108	4942/2	04 36 00.3	53 22 49	51	*0.0187	0.0036	3684.0	31.5	5.5	5.2	1.1	804	23.9	H	S
1109	4011/1	04 36 24.0	-43 21 50	56	*0.0096	0.0019	7387.3	34.0	12.0	5.0	0.8	1108	22.7	H	
1110	6232/1	04 36 30.4	-22 09 18	31	0.0301	0.0029	9064.7	196.3	69.7	10.1	5.5	0	4.9	L	
1111	4930/1	04 36 43.9	40 41 42	55	*0.0151	0.0035	4081.2	22.7	5.3	4.3	1.3	1209	27.8	H	
1112	3558/1	04 36 55.6	-16 38 16	56	*0.00333	0.00071	32721.6	47.5	56.5	4.7	1.0	906	25.1	*	
1113	3557/1	04 37 44.0	-16 20 14	56	0.00365	0.00071	28412.0	52.2	50.8	5.1	1.5	200	20.0	*	
1114	3563/1	04 37 52.6	-15 54 02	55	0.0091	0.0026	3325.7	17.4	6.6	3.6	0.9	0	16.7	H	
1115	3558/2	04 37 54.1	-16 11 38	62	0.00251	0.00069	32721.6	34.4	55.6	3.6	1.6	0	26.3	AH	*
	3557/2	04 37 49.5	-16 12 24	88	*0.00243	0.00069	28412.0	30.5	44.5	3.5	0.6	501	24.5	AH	*
1116	4011/2	04 37 56.3	-43 05 16	55	*0.0156	0.0032	7387.3	32.1	10.9	4.9	1.3	703	30.8	AH	
1117	3558/3	04 37 59.4	-16 23 58	43	0.00297	0.00073	32721.6	58.1	73.9	4.0	1.5	0	14.6	HL	*
1118	4011/3	04 38 00.6	-43 35 18	38	0.0053	0.0014	7387.3	29.4	31.6	3.8	0.4	0	0.7	H	
1119	3558/4	04 38 07.3	-16 22 41	43	0.00273	0.00054	32721.6	53.7	60.3	5.0	1.5	0	14.5	*	
1120	3557/3	04 38 14.0	-16 36 09	43	0.00233	0.00056	28412.0	42.1	61.9	4.1	1.5	0	12.6	H	*
1121	3747/1	04 38 15.7	-11 02 37	59	0.0073	0.0021	5102.9	20.7	14.3	3.5	0.7	0	16.6	*	
1122	3557/4	04 38 27.5	-16 35 18	39	0.00599	0.00057	28412.0	115.0	67.0	8.5	0.9	0	9.4	AH	Q
	3558/5	04 38 26.6	-16 35 49	33	0.00420	0.00070	32721.6	100.7	85.3	7.4	1.0	0	2.8	AH	Q
1123	4522/1	04 38 34.9	02 12 56	51	0.0241	0.0039	3329.5	44.9	8.1	6.2	0.9	0	17.7	H	
1124	3747/2	04 38 38.1	-10 50 07	42	0.0110	0.0021	5102.9	40.0	19.0	5.2	1.0	0	5.5	H	AGN
1125	3557/5	04 38 38.7	-16 40 51	41	0.00417	0.00066	28412.0	76.3	68.7	6.3	1.3	0	11.9	AH	S
	3558/6	04 38 36.4	-16 41 15	41	0.00304	0.00055	32721.6	69.9	93.1	5.5	1.1	0	6.3	AH	S
1126	3558/7	04 38 39.2	-16 49 32	43	0.00194	0.00054	32721.6	38.2	73.8	3.6	0.6	0	14.5	*	
1127	4011/4	04 38 41.8	-43 38 55	38	0.0275	0.0026	7387.3	138.4	26.6	10.8	1.0	0	8.1	H	Q
1128	3557/6	04 38 50.3	-16 21 59	42	0.00194	0.00055	28412.0	37.6	74.4	3.6	0.7	0	8.3	*	
1129	4522/2	04 39 02.0	01 57 49	41	0.0211	0.0034	3329.5	46.4	9.6	6.2	1.0	0	10.3	H	
1130	3564/1	04 39 06.6	-15 56 48	42	0.0078	0.0016	6134.9	33.1	11.9	4.9	0.9	0	6.8	H	
1131	3558/8	04 39 16.0	-16 22 07	55	0.00220	0.00054	32721.6	41.4	61.6	4.1	0.8	200	15.7	H	S
1132	3747/3	04 39 22.9	-11 02 29	47	0.0076	0.0021	5102.9	23.3	16.7	3.7	1.9	0	14.2	H	CLG
1133	5727/1	04 39 23.3	08 16 52	52	0.0097	0.0023	4630.1	25.0	11.0	4.2	1.3	0	16.9	H	CLG
1134	2018/1	04 39 35.4	-00 29 29	46	0.0135	0.0035	2125.4	19.4	6.6	3.8	0.7	0	8.7	H	
1135	4011/5	04 39 43.0	-43 19 04	48	0.0511	0.0043	7387.3	159.6	17.4	12.0	1.3	0	25.3	H	
1136	5727/2	04 39 47.5	09 00 35	55	0.0144	0.0034	4630.1	23.6	7.4	4.2	0.8	500	29.6	H	
1137	2017/1	04 39 57.1	-00 23 45	35	0.0360	0.0055	1831.9	48.8	6.2	6.6	1.1	0	0.9	AH	Q
	2018/2	04 39 56.0	-00 24 09	36	0.0231	0.0042	2125.4	36.3	6.7	5.5	1.1	0	1.4	AH	Q
1138	3747/4	04 40 01.9	-10 57 58	51	*0.0120	0.0025	5102.9	33.3	14.7	4.8	0.9	703	17.0	AH	AGN
	3195/1	04 40 03.3	-10 58 17	52	0.0139	0.0031	4042.7	25.5	6.5	4.5	0.9	200	22.9	AH	AGN
1139	4524/1	04 40 33.6	02 05 01	52	0.0252	0.0061	2059.1	21.2	4.8	4.1	1.6	0	26.9	AH	
	4522/3	04 40 31.6	02 04 36	41	0.0338	0.0043	3329.5	67.8	8.2	7.8	1.3	200	13.7	AH	
1140	3557/7	04 40 52.6	-16 36 40	77	*0.00343	0.00081	28412.0	37.1	38.9	4.3	0.7	908	27.8		
1141	328/1	04 40 54.0	-09 42 48	57	*0.0120	0.0026	8859.8	27.8	8.2	4.6	1.2	1309	35.6	H	
1142	3195/2	04 41 25.0	-10 46 26	31	0.1094	0.0061	4042.7	329.8	9.2	17.9	1.3	0	0.4	H	CV
1143	8360/1	04 41 39.0	-02 27 50	55	0.0131	0.0036	3188.5	17.8	6.2	3.6	0.9	0	24.5	H	
1144	328/2	04 43 50.6	-10 07 01	42	0.0080	0.0015	8859.8	42.0	21.0	5.3	1.2	0	14.1	H	
1145	328/3	04 43 55.3	-09 51 44	52	0.0065	0.0014	8859.8	33.2	19.8	4.6	1.0	300	15.6	H	
1146	328/4	04 44 06.6	-10 10 54	52	*0.0071	0.0015	8859.8	31.5	14.5	4.6	1.2	906	19.8	H	
1147	1890/1	04 44 10.1	-21 06 06	59	0.0072	0.0018	13348.8	30.3	26.7	4.0	1.3	0	32.3	H	
1148	328/5	04 44 55.3	-10 00 12	56	*0.0085	0.0021	8859.8	26.6	16.4	4.1	1.0	601	28.4	H	
1149	427/1	04 44 56.6	-59 20 00	35	0.0152	0.0022	5800.7	65.9	24.1	6.9	1.2	0	0.4	H	G
1150	1890/2	04 44 56.9	-20 34 01	42	0.0062	0.0011	13348.8	58.6	48.4	5.7	1.1	0	6.6	H	
1151	1890/3	04 45 20.1	-20 26 23	38	0.0171	0.0016	13348.8	148.1	46.9	10.6	1.7	0	11.9	H	
1152	1890/4	04 45 33.7	-20 25 36	41	0.0112	0.0014	13348.8	93.7	39.3	8.1	2.9	0	13.2	H	
1153	1890/5	04 45 58.5	-20 31 50	39	0.0163	0.0016	13348.8	141.7	41.3	10.5	8.1	0	11.4	H	CLG
1154	1890/6	04 46 04.3	-20 36 46	39	0.0125	0.0014	13348.8	109.3	41.7	8.9	11.6	0	11.1	H	
1155	1890/7	04 46 19.3	-20 37 58	51	*0.0082	0.0013	13348.8	65.6	36.4	6.5	17.4	703	15.4	H	
1156	1890/8	04 46 24.4	-20 30 42	51	*0.0089	0.0013	13348.8	66.0	31.0	6.7	15.2	803	17.0	H	
1157	1890/9	04 46 49.8	-20 49 52	51	*0.0097	0.0016	13348.8	56.3	27.7	6.1	0.9	601	24.5	H	
1158	3748/1	04 47 06.9	-09 17 06	43	0.0087	0.0018	6059.4	35.2	18.8	4.8	0.8	0	7.3	H	AGN
1159	1890/10	04 47 10.0	-20 08 47	64	0.0152	0.0033	13348.8	33.6	20.4	4.6	0.0	900	39.1	EH	
1160	3748/2	04 47 14.3	-08 48 15	56	*0.0068	0.0018	6059.4	21.2	11.8	3.7	0.9	1006	22.3	H	
1161	427/2	04 47 36.4	-59 36 46	55	0.0106	0.0027	5800.7	24.8	14.2	4.0	1.0	0	26.2	H	
1162	7630/1	04 48 26.1	10 58 58	51	0.0451	0.0074	3593.6	41.3	4.7	6.1	1.6	900	35.5	H	
1163	3924/1	04 48 59.5	51 59 46	36	0.0241	0.0047	1818.3	32.6	7.4	5.2	2.8	0	0.7	H	G
1164	3127/1	04 49 04.9	66 15 42	35	0.0295	0.0045	2185.6	48.1	5.9	6.5	1.0	0	0.4	AH	S
	5099/1	04 49 01.8	66 15 42	36	0.0244	0.0050	1529.6	27.8	4.2	4.9	0.9	0	0.2	AH	S
	5097/1	04 49 02.6	66 15 35	36	0.0355	0.0060	1438.6	38.0	3.0	5.9	1.2	0	0.4	AH	S
1165	10150/1	04 49 11.0	-03 53 21	48	0.1409	0.0085	5001.0	378.6	32.4	16.4	1.1	100	18.4	L	
1166	785														

04^h50^m23.2^s — 05^h09^m35.4^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
1167	785/2	04 50 23.2	-18 16 31	42	0.0186	0.0040	2111.7	25.5	4.5	4.6	0.9	0	11.9	H	AGN
1168	7456/1	04 50 38.9	-56 02 11	51	0.0109	0.0017	10488.5	64.3	32.7	6.5	1.1	0	16.5	H	
1169	6841/1	04 51 35.1	02 50 42	32	0.0536	0.0041	4780.5	187.4	15.6	13.1	2.9	0	3.3	AH	CLG
	5025/1	04 51 32.5	02 50 17	51	0.0548	0.0092	1901.7	38.9	4.1	5.9	2.3	100	29.0	AH	CLG
1170	6715/1	04 51 40.0	-03 05 56	42	0.0352	0.0063	1499.9	35.7	5.3	5.6	1.2	0	8.9	H	
1171	4525/1	04 51 44.6	-10 17 48	42	0.0315	0.0066	1341.8	27.1	4.9	4.8	2.3	0	11.0	H	CLG
1172	3810/1	04 51 59.1	30 17 29	41	0.0100	0.0014	11150.8	66.6	21.4	7.1	0.9	0	14.3	H	
1173	6841/2	04 52 12.2	02 25 44	52	0.0128	0.0031	4780.5	25.9	12.1	4.2	0.9	0	26.4	AH	
	5025/2	04 52 12.5	02 25 47	47	0.0137	0.0038	1901.7	17.5	5.5	3.6	0.8	0	9.7	AH	
1174	2150/1	04 52 15.1	46 01 45	51	0.0401	0.0071	2514.9	38.5	8.5	5.6	1.2	0	28.1	H	
1175	3810/2	04 52 25.0	30 13 42	50	*0.0133	0.0016	11150.8	77.7	14.3	8.1	3.8	1609	19.1	H	
1176	7456/2	04 52 25.5	-56 01 24	38	0.0045	0.0011	10488.5	33.4	36.6	4.0	0.6	0	5.0	H	
1177	7456/3	04 52 32.4	-55 56 18	31	0.3046	0.0063	10488.5	2382.2	40.8	48.4	1.4	0	0.2	H	
1178	3810/3	04 52 37.0	30 24 11	47	0.00354	0.00095	11150.8	252.7	22.3	3.7	0.8	0	11.1	H	
1179	7110/1	04 52 43.8	-70 24 36	52	*0.0074	0.0013	14149.5	50.8	23.2	5.9	0.8	906	20.7	H	
1180	3810/4	04 52 46.7	30 29 23	38	0.0557	0.0028	11150.8	409.7	20.3	19.8	1.1	0	10.3	H	
1181	3810/5	04 52 50.6	30 16 35	48	0.0262	0.0022	11150.8	153.7	17.3	11.8	1.9	600	18.7	H	
1182	5025/3	04 53 15.2	02 34 23	55	0.0269	0.0067	1901.7	19.8	4.2	4.0	1.1	0	27.3	AH	
	6841/3	04 53 17.8	02 34 24	55	*0.0166	0.0036	4780.5	26.3	6.7	4.6	1.2	1007	32.1	AH	
1183	2248/1	04 53 41.0	33 11 55	44	0.0225	0.0059	1100.9	17.1	2.9	3.8	1.0	0	7.2	H	
1184	5859/1	04 53 50.1	-68 34 17	38	0.1342	0.0058	6831.6	551.0	19.0	23.1	1.4	0	14.9	H	SNR
1185	5699/1	04 54 00.6	-22 03 45	35	0.080	0.012	736.1	43.7	2.3	6.4	1.3	0	0.4	H	BL
1186	7456/4	04 54 18.8	-55 56 27	52	0.0058	0.0013	10488.5	35.7	32.3	4.3	0.7	0	15.1	H	
1187	2150/2	04 54 47.6	46 19 58	51	0.0423	0.0072	2514.9	41.3	7.7	5.9	4.3	0	28.4	H	
1188	7165/1	04 54 55.7	-23 29 29	42	0.0156	0.0043	1399.2	16.2	3.8	3.6	0.9	0	0.4	H	
1189	5859/2	04 55 50.9	-68 44 25	36	0.0113	0.0018	6831.6	56.9	24.1	6.3	1.4	0	0.8	H	SNR
1190	456/1	04 56 44.7	66 13 25	55	0.0249	0.0065	2008.9	16.7	2.3	3.8	1.2	500	31.6	H	
1191	7361/1	04 57 00.0	01 42 36	31	0.312	0.018	1366.2	317.4	4.6	17.7	1.4	0	0.4	AH	
	7359/1	04 56 58.9	01 42 44	32	0.148	0.014	1068.9	117.6	3.4	10.7	1.3	0	0.2	AH	
	7360/1	04 56 59.8	01 42 42	31	0.258	0.015	1629.9	313.2	4.8	17.6	1.4	0	0.2	AH	
1192	3145/1	04 57 32.3	03 12 29	55	0.0260	0.0063	2047.8	19.3	2.7	4.1	1.4	0	29.3	H	
1193	8994/1	04 57 33.7	-23 07 14	54	*0.0214	0.0046	5660.1	28.0	8.0	4.7	0.9	1104	36.4	H	
1194	7360/2	04 57 55.1	01 41 51	42	0.0395	0.0066	1629.9	39.9	4.1	6.0	0.9	0	13.8	AH	
	7361/2	04 57 56.6	01 42 05	42	0.0432	0.0075	1366.2	36.4	3.6	5.8	1.0	0	14.3	AH	
	7359/2	04 57 58.0	01 41 39	43	0.0360	0.0079	1068.9	23.4	2.6	4.6	0.9	0	14.6	AH	
1195	5470/1	04 57 55.5	-05 56 25	42	0.0155	0.0028	3591.0	37.4	9.6	5.5	0.8	0	9.5	H	AGN
1196	8994/2	04 58 07.9	-22 54 51	51	*0.0145	0.0026	5660.1	39.4	11.6	5.5	1.1	906	22.5	H	
1197	456/2	04 58 08.5	65 30 06	38	0.254	0.015	2008.9	304.7	4.3	17.3	1.1	0	14.0	H	*
1198	5859/3	04 58 21.0	-68 30 16	52	*0.0085	0.0018	6831.6	31.9	14.1	4.7	0.8	603	18.3	H	*
1199	8994/3	04 58 21.2	-23 05 20	55	*0.0111	0.0027	5660.1	23.9	9.1	4.2	1.0	1003	28.3	H	
1200	7110/2	04 58 23.2	-70 12 19	55	0.0047	0.0013	14149.5	31.4	39.6	3.7	1.7	100	22.7	H	
1201	6735/1	04 58 30.6	14 02 30	41	0.0341	0.0048	2514.3	55.6	5.4	7.1	1.0	0	12.4	H	
1202	5859/4	04 58 33.9	-69 07 57	54	0.0106	0.0026	6831.6	26.8	15.2	4.1	1.9	0	28.3	H	S
1203	7166/1	04 58 41.3	-02 03 34	36	0.0158	0.0033	2409.0	28.5	7.5	4.7	0.9	0	0.4	H	
1204	4229/1	04 58 58.7	60 22 09	35	0.0290	0.0043	2342.2	50.7	5.3	6.8	1.2	0	0.2	H	S
1205	5859/5	04 59 01.0	-68 55 10	48	*0.0332	0.0033	6831.6	113.9	15.1	10.0	1.1	703	20.4	AH	S
	2432/1	04 59 09.1	-68 54 56	55	0.058	0.014	974.5	17.5	1.5	4.0	1.6	500	33.1	A	S
1206	2684/1	04 59 25.5	24 41 47	51	*0.068	0.011	1696.9	36.9	1.1	6.0	1.3	703	31.1	H	
1207	8994/4	04 59 29.3	-22 40 51	37	0.0059	0.0017	5660.1	24.6	24.4	3.5	0.6	0	1.3	H	
1208	3145/2	04 59 31.9	03 27 43	38	0.461	0.018	2047.8	661.0	5.0	25.6	1.3	0	7.4	H	SY
1209	8994/5	04 59 39.2	-22 37 56	42	0.0106	0.0020	5660.1	43.0	21.0	5.4	0.9	0	5.1	H	
1210	8994/6	04 59 40.2	-22 57 19	48	*0.0468	0.0040	5660.1	149.3	16.7	11.6	1.1	803	16.3	H	
1211	8994/7	05 00 02.2	-22 10 01	51	*0.0251	0.0043	5660.1	40.8	8.2	5.8	1.1	1003	32.8	H	
1212	8994/8	05 01 02.1	-22 37 11	51	0.0133	0.0027	5660.1	34.6	15.4	4.9	0.7	0	22.9	H	
1213	3196/1	05 01 51.2	58 57 25	31	0.207	0.013	1580.5	244.2	2.8	15.5	1.4	0	0.4	H	CV
1214	5837/1	05 01 52.4	-70 38 00	36	0.0263	0.0055	1406.0	26.5	4.5	4.8	0.9	0	4.1	AH	S
	5860/1	05 01 50.4	-70 37 33	52	*0.0146	0.0028	6126.8	38.0	15.0	5.2	1.1	401	24.9	A	S
1215	10225/1	05 02 10.6	-11 55 56	46	0.00378	0.00099	14314.0	33.6	43.4	3.8	0.6	0	13.7	H	
1216	10225/2	05 02 52.0	-12 04 31	38	0.0131	0.0014	14314.0	127.5	48.5	9.6	1.1	0	8.8	H	
1217	5471/1	05 04 19.6	-04 43 54	55	0.0157	0.0041	3804.5	20.1	7.9	3.8	1.4	500	29.8	H	
1218	10225/3	05 04 20.1	-12 07 27	48	*0.0341	0.0024	14314.0	236.8	38.2	14.3	1.0	602	21.1	H	
1219	7512/1	05 04 47.0	10 06 49	52	*0.0419	0.0092	1744.2	23.7	3.3	4.6	1.0	602	28.7	EH	
1220	5471/2	05 05 01.0	-05 28 00	48	0.345	0.013	3804.5	680.1	7.9	25.9	1.2	400	19.6	H	
1221	5471/3	05 05 24.0	-05 08 59	31	0.0882	0.0057	3804.5	250.0	12.0	15.4	1.4	0	0.4	H	
1222	2410/1	05 05 50.2	-67 56 40	48	0.501	0.040	552.9	160.5	1.5	12.6	1.3	0	15.3	H	SNR
1223	2410/2	05 06 03.9	-68 05 37	38	0.305	0.028	552.9	117.7	2.3	10.7	1.2	0	6.5	AH	SNR
	2411/1	05 06 12.1	-68 05 42	48	*0.254	0.026	1142.4	100.7	2.3	9.9	1.4	501	29.5	AH	SNR
1224	7620/1	05 06 10.7	77 25 07	32	0.0609	0.0066	2059.5	91.0	6.0	9.2	1.1	0	2.9	H	
1225	7673/1	05 06 17.4	-51 08 32	36	0.0285	0.0053	1661.6	34.2	5.8	5.4	1.2	0	3.3	H	
1226	7512/2	05 06 42.4	10 08 09	36	0.0197	0.0043	1744.2	25.5	5.5	4.6	0.8	0	0.2	H	Q
1227	6302/1	05 07 03.0	-67 04 09	57	0.0066	0.0015	14397.9	38.9	39.1	4.4	1.2	300	26.4	H	
1228	7126/1	05 07 52.3	16 26 10	48	0.282	0.021	2199.0	189.9	4.1	13.6	1.2	500	32.5	H	
1229	7705/1	05 08 40.6	-44 58 37	47	0.0162	0.0045	1819.2	17.9	7.1	3.6	0.8	0	14.9	H	
1230	7705/2	05 08 49.5	-45 23 02	51	0.0686	0.0097	1819.2	55.4	5.6	7.1	1.9	0	23.9	H	
1231	7126/2	05 09 00.9	16 40 49	41	0.0393	0.0055	2199.0	57.1	5.9	7.2	1.1	0	11.3	H	
1232	2423/1	05 09 16.0	-68 47 05	38	0.769	0.028	2015.3	1104.5	118.5	27.8	1.3	0	5.1	AL	SNR
	2435/1	05 09 17.4	-68 46 46	48	0.726	0.051	710.3	206.9	2.1	14.3	1.2	0	26.6	AH	SNR
1233	7677/1	05 09 27.4	-16 07 21	51	0.0134	0.0030	3788.0	26.8	9.2	4.5	0.9	0	19.4	H	
1234	2435/2	05 09 32.5	-69 11 34	43	0.044	0.010	710.3	21.7	3.3	4.3	0.8	0	6.8	H	S
1235	6302/2	05 09 35.4	-67 34 05	48	0.1921	0.0061	14397.								

05^h09^m35.6^s — 05^h28^m37.3^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
1236	2474/1	05 09 35.6	-67 34 37	48	*0.186	0.011	3209.3	313.9	6.1	17.5	1.1	906	19.5	AH	SNR
1237	7677/2	05 10 41.7	-16 15 41	35	0.0213	0.0030	3788.0	60.2	13.8	7.0	1.2	0	0.2	H	L
1238	2423/2	05 11 03.6	-68 48 45	42	0.0213	0.0055	2015.3	27.8	9.2	3.8	1.1	0	12.2	H	S
1239	5473/1	05 12 08.1	-08 14 55	35	0.0315	0.0044	2504.3	58.7	10.3	7.1	1.0	0	0.7	H	L
1240	849/1	05 13 00.3	45 56 49	31	4.222	0.084	1288.2	4051.9	851.1	50.2	1.5	0	0.3	L	S
1241	2641/1	05 13 38.3	-00 12 13	31	0.759	0.027	2019.5	1143.1	153.9	27.8	1.4	0	0.6	L	SY
1242	5838/1	05 13 40.0	-70 30 53	42	0.0234	0.0039	2987.1	45.4	10.6	6.1	1.3	0	10.9	H	S
1243	2352/1	05 13 48.6	06 25 00	38	0.0298	0.0056	4336.1	90.7	97.3	5.3	8.8	0	5.9	L	L
1244	4435/1	05 14 25.4	06 26 41	36	0.0156	0.0040	3575.4	40.2	30.8	3.8	21.8	0	3.6	L	BL
1245	4435/2	05 15 10.3	-06 53 42	32	0.0240	0.0025	5851.6	104.6	13.4	9.6	1.3	0	0.4	L	S
1246	4435/2	05 15 29.4	-07 10 54	48	0.0404	0.0037	5851.6	132.4	12.6	11.0	1.2	0	17.6	H	H
1247	6302/3	05 15 58.1	-67 19 31	63	*0.0059	0.0016	14397.9	32.4	41.6	3.8	2.0	502	28.5	H	H
1248	5884/1	05 16 15.5	-68 18 48	48	0.0394	0.0045	6164.5	90.0	18.0	8.7	1.0	0	29.2	AH	S
1249	2411/2	05 16 20.4	-68 18 40	51	0.065	0.013	1142.4	28.5	2.5	5.1	1.0	200	28.2	AH	S
1250	2670/1	05 16 38.7	-46 09 12	52	0.0415	0.0084	1623.7	27.4	3.6	4.9	1.3	0	25.9	H	H
1251	7826/1	05 17 51.7	06 12 51	55	*0.0213	0.0052	2955.1	20.0	4.0	4.1	1.1	1207	32.1	H	H
1252	2463/1	05 17 56.5	-70 47 17	43	0.0131	0.0033	2834.4	23.4	10.6	4.0	0.8	0	11.4	AH	*
1253	5838/2	05 17 52.9	-70 47 30	52	*0.0133	0.0035	2987.1	19.9	8.1	3.8	0.7	702	20.2	AH	*
1254	489/1	05 18 17.6	16 35 39	36	0.0119	0.0028	2522.4	22.3	5.7	4.2	0.9	0	0.4	H	Q
1255	2670/2	05 18 24.1	-45 49 29	31	0.382	0.018	1623.7	463.1	4.9	21.4	1.4	0	1.3	H	H
1256	5884/2	05 18 43.8	-68 16 51	52	*0.0123	0.0022	6164.5	41.0	12.0	5.6	0.8	805	18.9	H	H
1257	2670/3	05 19 22.6	-45 44 09	42	0.0244	0.0052	1623.7	25.5	4.5	4.7	1.0	0	12.5	H	H
1258	548/1	05 19 37.8	-36 12 59	51	0.048	0.011	1556.8	30.5	4.5	4.4	1.0	0	25.7	L	L
1259	5843/1	05 19 42.8	-71 07 11	41	0.0392	0.0057	1999.7	56.1	9.9	6.9	1.0	0	5.2	H	S
1260	4561/1	05 19 54.2	-69 05 04	38	0.531	0.011	9874.4	3403.8	303.2	49.6	1.2	0	11.4	AL	SNR
1261	2436/1	05 19 49.8	-69 05 15	48	0.624	0.032	391.1	3.9	19.7	1.1	0	19.2	AH	SNR	
1262	2433/1	05 19 52.9	-69 04 38	48	*0.158	0.038	1822.4	93.5	35.5	4.0	1.4	906	32.4	AL	SNR
1263	2425/1	05 19 53.4	-69 04 47	48	*0.504	0.023	2158.8	491.8	4.2	22.1	1.5	502	22.9	AH	SNR
1264	5884/3	05 19 58.6	-69 05 11	48	*0.258	0.014	6164.5	364.6	10.4	18.8	1.4	1104	35.6	AEH	SNR
1265	5843/2	05 20 01.8	-71 41 50	52	0.0330	0.0079	1999.7	22.6	6.4	4.2	3.4	0	30.0	H	H
1266	4561/2	05 20 06.2	-69 28 29	48	0.0205	0.0030	9874.4	118.9	85.1	6.8	1.5	0	16.0	L	SNR
1267	2394/1	05 20 10.2	-66 07 17	36	0.0317	0.0059	1522.1	34.9	7.1	5.4	1.1	0	3.5	H	S
1268	5843/3	05 20 18.5	-71 40 00	52	0.0301	0.0071	1999.7	22.4	5.6	4.2	3.6	0	27.9	H	*
1269	5843/4	05 21 07.0	-71 40 00	52	0.0322	0.0074	1999.7	23.7	6.3	4.3	3.0	0	28.5	H	H
1270	548/2	05 21 13.8	-36 30 17	31	0.186	0.015	1556.8	215.8	22.2	12.3	1.1	0	0.3	L	BL
1271	5854/1	05 21 15.7	-72 00 25	38	8.561	0.077	2844.7	15614.6	386.5	111.1	1.2	0	12.3	AL	S
1272	5847/1	05 21 08.8	-71 57 59	48	*0.886	0.093	1393.7	399.8	167.2	9.5	2.0	705	37.1	AEIL	S
1273	2471/1	05 21 16.5	-72 00 15	48	*8.55	0.12	1886.6	8208.4	67.7	71.5	1.2	602	20.4	AEIL	S
1274	5849/1	05 21 39.1	-71 59 47	48	*0.415	0.018	4051.7	516.1	6.9	22.6	1.9	703	29.7	AEH	S
1275	5475/1	05 21 16.7	-02 10 51	51	*0.0096	0.0020	6633.8	33.6	14.4	4.8	1.1	804	18.8	H	H
1276	4348/1	05 21 30.8	17 20 16	31	0.280	0.017	1347.6	280.0	3.0	16.6	1.7	0	0.7	H	S
1277	5984/1	05 21 45.8	79 18 52	52	0.0160	0.0036	3220.7	24.5	5.5	4.5	0.9	500	22.6	H	H
1278	5475/2	05 21 58.2	-02 26 56	36	0.0103	0.0017	6633.8	51.1	19.9	6.1	1.4	0	0.8	H	H
1279	2405/1	05 22 19.8	-67 57 28	63	0.0231	0.0059	2092.2	19.7	5.3	3.9	3.1	0	25.7	aH	SNR
1280	548/3	05 22 32.6	-36 24 53	52	0.0309	0.0073	1556.8	27.3	4.7	4.1	0.9	0	16.6	L	L
1281	2464/1	05 22 35.1	-70 46 42	71	0.0144	0.0036	2839.8	22.0	2.0	3.8	0.4	100	17.7	L	L
1282	5884/4	05 22 35.3	-68 00 13	52	0.0181	0.0037	6164.5	38.0	23.0	4.9	3.2	0	30.8	aH	†
1283	5862/1	05 23 19.9	-67 56 16	35	0.0113	0.0027	5989.9	49.0	43.0	4.1	0.8	0	4.6	H	L
1284	5475/3	05 23 40.4	-02 24 42	53	0.0072	0.0020	6633.8	20.3	12.7	3.5	0.8	600	25.8	L	L
1285	2458/1	05 24 31.1	-70 13 38	36	0.0196	0.0053	2115.1	29.8	15.2	3.6	1.3	0	3.9	L	SY
1286	2468/1	05 24 40.5	-71 12 09	47	0.0222	0.0058	1165.2	17.6	3.4	3.8	1.1	0	8.1	AH	S
1287	5843/5	05 24 41.3	-71 11 58	55	*0.0228	0.0053	1999.7	22.0	4.0	4.3	1.0	1409	21.5	A	S
1288	2464/2	05 24 43.4	-71 12 15	48	0.170	0.017	2839.8	157.9	29.1	9.6	1.5	500	30.7	AL	S
1289	2395/1	05 25 19.7	-66 01 57	38	0.258	0.021	1689.5	307.3	144.7	12.0	4.8	0	6.8	AL	SNR
1290	2472/1	05 25 18.0	-66 01 55	38	0.224	0.019	2008.1	316.1	182.9	11.7	5.0	0	7.3	AL	SNR
1291	2394/2	05 25 21.9	-66 02 00	48	*0.362	0.025	1522.1	207.1	3.9	14.3	4.1	701	28.9	AH	SNR
1292	2396/1	05 25 27.6	-66 02 31	48	*0.126	0.022	1746.9	82.7	34.3	5.9	7.7	501	31.4	AIL	SNR
1293	5886/1	05 25 28.1	-69 41 20	38	2.607	0.043	2928.8	5417.9	756.1	60.6	1.4	0	5.6	AL	SNR
1294	5861/1	05 25 02.5	-69 41 54	48	*0.118	0.013	4395.1	243.7	93.8	8.9	13.8	603	30.9	AIL	SNR
1295	2458/2	05 25 19.2	-69 42 12	48	*0.893	0.046	2115.1	718.9	137.2	19.5	1.5	601	30.8	AIL	SNR
1296	6499/1	05 25 24.1	-69 41 20	48	*1.37	0.17	1804.5	849.3	95.7	8.2	1.6	1308	29.9	AL	SNR
1297	6501/1	05 25 27.9	-69 41 06	48	1.119	0.074	2334.1	571.3	405.7	15.0	1.9	100	38.0	AL	SNR
1298	2448/1	05 25 28.5	-69 41 22	31	2.395	0.071	1237.5	2119.9	774.1	33.4	1.7	0	4.7	AL	SNR
1299	2438/1	05 25 39.1	-69 40 36	48	*1.45	0.10	945.3	445.3	51.2	14.0	1.5	805	30.6	AEIL	SNR
1300	2472/2	05 25 55.5	-66 07 23	31	0.673	0.027	2008.1	1007.9	215.1	24.9	2.2	0	0.4	AL	SNR
1301	2396/2	05 25 54.2	-66 07 28	48	*0.619	0.046	1746.9	409.5	103.5	13.3	1.8	702	28.3	AL	SNR
1302	2395/2	05 25 58.0	-66 07 21	31	0.705	0.030	1689.5	888.0	165.0	23.8	2.3	0	0.6	AL	SNR
1303	2394/3	05 26 01.7	-66 07 14	48	0.646	0.037	1522.1	305.9	5.1	17.3	2.2	400	32.7	AH	SNR
1304	4416/1	05 26 05.3	-20 47 31	35	0.0108	0.0017	6885.6	55.0	17.0	6.5	1.4	0	0.4	H	S
1305	3817/1	05 26 22.2	11 49 57	39	0.0463	0.0057	2494.3	71.3	4.7	8.2	1.7	0	13.3	H	S
1306	4416/2	05 26 34.3	-20 19 34	54	0.0086	0.0022	6885.6	22.7	10.3	3.9	0.8	0	28.1		
1307	3817/2	05 26 35.1	11 48 54	43	0.0159	0.0035	2494.3	24.2	3.8	4.6	4.3	0	13.9		S
1308	4498/1	05 26 48.5	-33 01 27	43	0.0127	0.0027	3664.0	28.3	7.7	4.7	1.0	0	14.0	H	L
1309	6303/1	05 26 49.1	-69 20 10	52	0.0098	0.0027	11404.2	42.3	44.7	3.6	41.4	0	27.7	L	L
1310	4498/2	05 27 35.7	-32 51 21	31	0.1692	0.0080	3664.0	462.3	9.7	21.3	1.2	0	0.4	AH	CV
1311	4497/1	05 27 35.8	-32 51 22	31	0.271	0.015	1563.1	315.6	4.4	17.6	1.2	0	0.4	AH	CV
1312	4498/3	05 27 52.6	-32 41 44	43	0.0108	0.0025	3664.0	26.0	10.0	4.3	1.4	0	9.7	H	H
1313	4014/1	05 28 04.6	-25 06 02	36	0.0230	0.0044	1821.2	31.3	4.7	5.2	1.4	0	0.2	H	Q
1314	7167/1	05 28 07.1	13 29 26	36	0.0259	0.0056	1236.8								

05^h28^m44.6^s — 05^h32^m36.4^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
1291	6303/2	05 28 44.6	-68 38 26	48	*0.0158	0.0025	11404.2	101.1	51.9	6.0	3.0	601	17.2	L	
1292	10414/1	05 28 46.2	00 01 30	56	0.0157	0.0044	2519.5	17.0	6.0	3.5	0.7	0	25.7		
1293	10414/2	05 29 27.6	-00 20 05	31	0.434	0.015	2519.5	809.6	10.4	219.3	1.3	0	2.0	AH	S
	5100/1	05 29 27.2	-00 19 57	31	0.368	0.025	1366.0	374.9	94.1	14.8	1.4	0	0.2	AH	S
	5101/1	05 29 27.3	-00 20 05	31	0.422	0.019	1604.1	504.0	4.0	22.4	1.4	0	0.2	AH	S
	5102/1	05 29 27.8	-00 19 55	31	0.356	0.017	1692.5	448.7	5.3	21.1	1.5	0	0.2	AH	S
	2219/1	05 29 28.5	-00 20 09	31	0.324	0.017	1509.3	359.3	3.7	18.9	1.9	0	1.7	AH	S
1294	9045/1	05 29 30.1	09 47 15	31	0.1524	0.0083	4660.0	529.3	101.7	18.2	1.3	0	0.2	L	
1295	6304/1	05 29 43.2	-67 32 40	48	0.0061	0.0016	8605.3	36.3	23.7	3.8	0.1	0	8.0	L	
1296	2427/1	05 29 50.4	-68 54 09	43	0.047	0.011	738.6	21.0	3.0	4.3	1.0	0	14.5	AH	S
	6303/3	05 29 39.8	-68 54 04	48	0.0297	0.0028	11404.2	200.3	63.7	10.4	18.2	100	15.1	AL	S
1297	310/1	05 30 04.0	-11 34 28	31	0.0920	0.0056	4139.1	283.9	10.1	16.6	2.9	0	1.5	H	CLG
1298	2568/1	05 30 09.3	-05 25 38	50	0.0420	0.0065	4319.9	65.9	13.1	6.3	1.2	0	28.4	L	
1299	10414/3	05 30 09.9	-00 29 26	45	0.0125	0.0034	2519.5	19.3	8.7	3.6	0.7	0	13.2	H	
1300	2219/2	05 30 17.4	-00 36 24	55	0.0192	0.0053	1509.3	15.4	2.6	3.6	0.8	0	19.3	H	
1301	6303/4	05 30 31.7	-68 45 17	55	0.0093	0.0022	11404.2	52.8	33.9	4.1	1.8	500	20.9	L	
1302	310/2	05 30 39.0	-11 40 33	41	0.0184	0.0029	4139.1	49.8	11.2	6.4	0.9	0	11.7	H	
1303	2403/1	05 30 43.0	-66 56 20	41	0.0377	0.0058	1891.4	47.0	6.0	6.5	1.0	0	11.3	H	*
1304	2465/1	05 30 47.6	-70 48 46	42	0.0267	0.0054	1926.1	34.4	3.6	4.8	0.8	0	9.4	L	*
1305	7471/1	05 31 09.0	01 54 52	31	0.1464	0.0082	2995.7	327.3	11.7	17.8	1.3	0	0.4	L	
	2573/1	05 31 09.5	-05 28 30	41	0.0239	0.0040	4048.9	57.5	11.5	5.9	1.0	0	14.4	AL	S
	2567/1	05 31 08.0	-05 28 55	61	0.0159	0.0039	4043.4	26.7	5.3	4.0	0.7	0	25.4	AL	S
	2572/1	05 31 10.7	-05 28 52	51	0.0206	0.0051	3810.7	29.6	9.4	3.9	1.1	200	28.2	AL	S
1307	9060/1	05 31 22.6	09 58 45	51	0.0176	0.0035	3034.6	31.7	8.3	5.0	0.8	0	15.8	AL	S
1308	8725/1	05 31 27.6	-06 46 49	56	0.0119	0.0029	6038.0	25.4	13.6	4.1	1.0	0	29.0	H	
1309	10369/1	05 31 31.2	21 59 04	31	431.1	2.0	210.9	67744.5	9518.4	214.3	1.5	0	0.1	AL	SNR
1310	2572/2	05 31 34.3	-04 46 41	51	0.0156	0.0035	3810.7	35.1	10.9	4.3	0.8	0	15.2	L	
1311	2568/2	05 31 35.8	-05 38 50	40	0.0229	0.0038	4319.9	62.1	17.9	5.8	90.5	0	12.7	L	
1312	2572/3	05 31 42.7	-04 52 35	45	0.0113	0.0027	3810.7	28.2	5.8	4.1	0.6	0	11.3	L	
1313	7248/1	05 31 45.8	-05 30 34	52	0.0086	0.0022	29514.8	58.8	82.2	3.7	196.8	300	36.6	L	
	310/3	05 31 47.4	-11 33 50	57	0.0120	0.0030	4139.1	20.7	7.3	3.9	0.9	100	26.8	H	
1315	9060/2	05 31 48.9	10 05 16	38	0.1209	0.0082	3034.6	225.5	10.5	14.7	1.1	0	13.9	AH	S
	9045/2	05 31 49.3	10 05 00	50	*0.059	0.012	4660.0	60.2	24.1	4.9	1.7	501	38.6	AEIL	S
1316	8725/2	05 31 49.6	-06 38 13	48	*0.0269	0.0032	6038.0	80.5	10.5	8.4	0.9	1109	20.3	H	
1317	7248/2	05 31 50.4	-05 06 44	56	0.0048	0.0011	29514.8	57.9	62.1	4.2	1.0	0	26.0	AL	
	2572/4	05 31 49.0	-05 06 47	42	0.0135	0.0032	3810.7	33.9	12.1	4.1	0.8	0	11.3	AL	
1318	9256/1	05 31 53.4	-04 30 21	51	0.0090	0.0018	7136.7	37.6	19.4	5.0	2.6	0	15.1	H	
1319	5047/1	05 31 53.7	-01 34 44	66	*0.0087	0.0024	9990.9	22.8	16.2	3.7	1.1	1106	33.6	EH	
1320	9256/2	05 31 54.4	-04 35 57	55	0.0061	0.0017	7136.7	23.6	19.4	3.6	3.6	0	17.3	H	
1321	7241/1	05 31 59.7	-06 45 39	62	0.0067	0.0018	9554.1	23.9	18.1	3.7	1.1	0	28.2		
	3842/1	05 32 01.5	-05 34 08	48	0.171	0.016	2562.0	179.6	25.4	10.9	3.3	0	26.1	L	
1323	2567/2	05 32 01.9	-05 26 06	39	0.0323	0.0050	4043.4	83.0	36.0	6.3	74.2	0	11.8	AL	*
	2572/5	05 32 00.2	-05 25 54	51	0.0310	0.0065	3810.7	45.3	19.7	4.6	21.9	0	28.1	AL	*
	2573/2	05 32 01.1	-05 26 09	39	0.0244	0.0049	4048.9	59.6	39.4	4.8	48.5	0	13.4	AL	*
	2568/3	05 32 03.7	-05 26 02	50	0.0310	0.0061	4319.9	52.5	19.5	4.8	53.8	600	27.2	AL	*
1324	9256/3	05 32 02.1	-03 55 36	51	*0.0213	0.0042	7136.7	35.7	13.3	5.1	1.2	703	31.7	EH	
1325	7248/3	05 32 02.2	-05 16 43	51	0.0076	0.0014	29514.8	94.3	80.7	5.5	289.3	400	25.6	L	*
1326	2573/3	05 32 04.7	-05 02 23	48	0.0821	0.0077	4048.9	195.6	52.4	10.6	1.6	0	15.2	AL	S
	7248/4	05 32 04.7	-05 02 43	51	0.0053	0.0012	29514.8	72.6	87.4	4.5	343.3	0	22.5	AL	S
1327	9060/3	05 32 05.5	09 28 09	52	0.0203	0.0046	3034.6	25.2	7.8	4.4	0.9	0	26.2	H	S
	8725/3	05 32 10.9	-06 55 37	52	0.0148	0.0031	6038.0	32.7	13.3	4.8	0.8	0	28.3	H	
1329	2568/4	05 32 13.2	-05 46 54	48	0.0280	0.0048	4043.4	70.6	32.4	5.7	59.8	0	15.9	L	
1330	2569/1	05 32 13.9	-05 29 28	52	*0.0314	0.0068	5289.1	29.8	12.2	4.6	80.0	602	39.0	EH	S
1331	2573/4	05 32 14.7	-05 13 52	42	0.0166	0.0034	4048.9	43.2	14.8	4.7	89.2	0	11.1	L	S
1332	8725/4	05 32 15.1	-06 36 43	42	0.0133	0.0022	6038.0	48.1	16.9	6.0	1.0	0	13.3	A	S
	7241/2	05 32 12.4	-06 37 26	61	*0.0073	0.0017	9554.1	28.2	15.8	4.2	1.0	906	27.3	AH	S
1333	2572/6	05 32 16.5	-05 03 54	51	0.0154	0.0035	3810.7	33.7	9.3	4.3	1.0	0	16.8	L	
1334	9256/4	05 32 18.5	-04 25 12	42	0.0097	0.0017	7136.7	47.5	23.5	5.6	1.6	0	7.6	H	
1335	2567/3	05 32 19.6	-05 26 49	38	0.0959	0.0078	4043.4	266.0	82.0	12.1	26.7	0	7.4	AL	S
	2573/5	05 32 16.4	-05 26 34	48	0.0407	0.0063	4048.9	91.7	48.3	6.4	29.0	0	16.5	AL	S
	7241/3	05 32 19.7	-06 23 17	51	*0.0173	0.0028	9554.1	50.2	14.8	6.2	2.7	805	33.4	H	S
1337	2469/1	05 32 20.6	-71 31 59	51	0.0300	0.0055	3324.0	51.7	15.3	5.3	1.1	0	19.9	AL	*
	5850/1	05 32 15.6	-71 32 14	42	0.0289	0.0061	1466.7	27.6	6.4	4.7	0.8	0	10.6	A	*
1338	5096/1	05 32 22.0	-05 54 08	43	0.0181	0.0049	2007.1	24.7	8.3	3.5	1.3	0	9.4	L	
1339	9256/5	05 32 22.8	-04 50 03	51	0.0165	0.0028	7136.7	48.9	18.1	6.0	11.2	0	26.4	H	
1340	5047/2	05 32 23.0	-00 59 24	50	0.0137	0.0020	9990.9	62.3	23.7	6.7	0.9	100	24.2	H	
1341	9060/4	05 32 23.4	09 54 12	31	0.1088	0.0071	3034.6	246.2	11.8	15.3	1.5	0	0.2	H	S
1342	5047/3	05 32 25.8	-01 25 05	56	*0.0046	0.0013	9990.9	22.0	17.0	3.5	0.7	1006	21.6	H	
1343	5047/4	05 32 26.1	-01 14 33	55	0.0056	0.0013	9990.9	30.4	20.6	4.3	1.0	0	17.5	H	
1344	6300/1	05 32 27.0	-71 01 18	50	0.0238	0.0027	12590.3	103.3	32.7	8.9	1.3	0	30.0	aH	SNR
	2573/6	05 32 27.1	-05 25 15	48	0.0267	0.0061	4048.9	58.0	57.0	4.3	34.1	0	17.5	AL	S
	2567/4	05 32 31.7	-05 25 32	32	0.0230	0.0062	4043.4	66.5	134.5	3.6	44.9	0	4.3	AL	S
1346	5480/1	05 32 30.1	21 29 10	48	*0.147	0.015	5560.9	390.0	100.5	9.7	12.2	1105	37.5	IL	
1347	8725/5	05 32 32.6	-06 20 32	41	0.0154	0.0024	6038.0	58.0	20.0	6.6	1.2	0	12.9	AH	S
	7241/4	05 32 33.8	-06 20 45	55	0.0123	0.0025	9554.1	35.3	15.7	4.9	4.1	600	33.6	AH	S
1348	9060/5	05 32 33.1	09 45 49	39	0.0353	0.0044	3034.6	72.8	10.2	8.0	1.0	0	8.4	H	S
1349	9256/6	05 32 33.5	-04 14 02	42	0.0102	0.0018	7136.7	46.8	22.2	5.6	0.8	0	11.6	H	
1350	7248/5	05 32 35.8	-05 17 47	48	0.0505	0.0026	29514.8	786.0	299.0	19.4	37.8	500	19.1	AL	S
	2573/7	05 32 33.4	-05 17 22	50	*0.0255	0.0056	4048.9	58.3	19.7	4.4	58.2	703	16.0	AL	S
1351	6304/2	05 32 36.4	-67 33 16	39	0.0119	0.0027	8605.3								

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
1352	2406/1	05 32 37.7	-67 33 56	44	0.0170	0.0045	1655.8	17.9	5.1	3.7	1.1	0	12.5	AL	*
	7241/5	05 32 36.5	-06 32 22	51	0.0130	0.0020	9554.1	55.7	18.3	6.5	1.2	500	24.4	AL	S
	3842/2	05 32 36.6	-06 02 08	32	0.0303	0.0059	2562.0	56.1	27.9	5.0	22.0	0	4.3	AL	
	5096/2	05 32 34.8	-06 02 20	42	0.0318	0.0067	2007.1	43.6	16.4	4.6	22.9	0	8.5	AL	
	10413/1	05 32 36.9	-06 02 05	39	0.0332	0.0065	2510.7	57.7	32.3	5.0	1.3	0	7.6	AL	
1354	5095/1	05 32 37.6	-06 02 01	41	0.0397	0.0079	1753.1	48.2	17.8	4.9	15.3	0	7.8	AL	
	2569/2	05 32 38.3	-06 02 48	48*	0.0752	0.0072	5289.1	122.0	13.0	10.5	18.7	602	30.0	AEL	
	8725/6	05 32 38.3	-06 02 31	50	0.0344	0.0043	6038.0	76.8	15.2	8.0	3.0	500	28.9	AL	
	7248/6	05 32 38.2	-05 10 15	38	0.1148	0.0031	29514.8	2008.3	240.7	37.3	20.0	0	14.9	AL	*
	2572/7	05 32 35.8	-05 10 13	48	*0.056	0.012	3810.7	98.6	18.4	4.6	3.1	906	23.3	AL	*
	2571/1	05 32 37.5	-05 10 07	50	*0.0339	0.0063	4621.6	77.3	17.2	5.4	22.7	703	29.0	AEL	*
	2567/5	05 32 37.8	-05 10 15	48	0.1181	0.0081	4043.4	279.7	16.3	14.4	1.2	0	15.3	AL	
1355	2469/2	05 32 41.3	-71 02 26	42	0.0188	0.0047	3324.0	41.7	32.3	3.9	1.8	0	9.2	aL	SNR
	5047/5	05 32 42.9	-00 45 53	55	*0.0155	0.0025	9990.9	46.8	11.2	6.1	2.0	603	31.5	H	
1356	5047/6	05 32 43.2	-01 01 33	50	0.0146	0.0019	9990.9	78.6	24.4	7.7	1.0	0	19.3	H	
1357	5047/6	05 32 43.2	-05 48 06	48	0.0144	0.0038	2510.7	24.4	6.6	3.6	0.3	0	9.7	L	†
1358	10413/2	05 32 44.2	-06 16 33	55	0.0076	0.0019	6038.0	27.1	17.9	4.0	0.9	0	15.2	L	
1359	8725/7	05 32 46.4	-04 53 36	48	0.0242	0.0018	29514.8	393.1	190.9	13.5	75.7	100	17.0	AL	
1360	7248/7	05 32 46.8	-04 53 38	50	0.0257	0.0035	7136.7	67.4	15.6	7.4	6.8	500	28.4	AL	
1361	9256/7	05 32 47.1	-05 41 15	50	0.0267	0.0039	5289.1	56.8	12.2	6.8	36.5	0	26.1	AL	
	2569/3	05 32 46.4	-05 41 09	51	0.0317	0.0069	2007.1	37.8	11.2	4.5	6.7	0	15.8	AL	
1362	2568/5	05 32 46.8	-05 41 02	51	*0.0202	0.0053	4319.9	37.2	17.9	3.6	84.9	601	25.6	AL	
	5095/2	05 32 47.4	-05 41 30	51	0.0324	0.0072	1753.1	33.4	7.6	4.4	0.9	0	15.3	AL	
	2567/6	05 32 47.7	-05 40 42	51	0.0240	0.0043	4043.4	56.6	19.4	5.4	117.9	0	15.7	AL	
	5480/2	05 32 47.2	-01 13 54	48	0.0825	0.0091	5560.9	182.4	100.6	8.9	28.4	0	27.0	L	
	9025/1	05 32 48.7	-62 24 32	43	0.0398	0.0091	838.4	23.1	4.9	4.4	1.0	0	7.4	H	
1364	2573/8	05 32 49.1	-04 46 21	51	0.0383	0.0079	4048.9	42.7	14.3	4.7	2.7	0	34.6	AL	
	2572/9	05 32 47.1	-04 46 17	48	0.0468	0.0072	3810.7	69.4	13.6	6.2	3.1	500	28.1	AL	
1365	9256/8	05 32 47.5	-04 46 38	48*	*0.0374	0.0035	7136.7	129.8	14.2	10.8	4.9	1109	21.5	A	
	9256/9	05 32 49.4	-04 42 01	51	0.0102	0.0019	7136.7	40.7	18.3	5.3	21.8	500	16.9	H	
	2567/7	05 32 49.4	-05 25 08	31	0.968	0.022	4043.4	2920.6	521.4	43.4	3.0	0	0.2	AL	S
1366	2572/8	05 32 41.1	-05 26 14	48	*0.038	0.011	3810.7	62.7	63.3	3.5	7.6	703	34.1	AIL	S
	5096/4	05 32 47.0	-05 26 49	48	0.088	0.019	2007.1	63.0	46.0	4.6	6.0	600	30.0	AL	S
	2571/2	05 32 47.8	-05 23 32	48	*0.057	0.010	4621.6	177.5	79.0	5.6	6.8	1003	33.5	AEL	S
	2569/4	05 32 49.0	-05 26 17	48	*0.548	0.019	5289.1	806.6	8.4	28.3	2.4	1109	33.9	AL	S
	2568/7	05 32 50.5	-05 25 08	48	*0.476	0.027	4319.9	832.1	226.9	17.8	2.7	603	35.1	AIL	S
	10413/4	05 32 52.6	-05 27 02	48	*0.074	0.016	2510.7	73.2	49.4	4.8	3.7	601	30.1	AIL	S
	7248/8	05 32 49.5	-05 04 52	41	0.00449	0.00089	29514.8	85.6	99.4	5.0	426.6	0	11.4	L	
	6756/1	05 32 50.3	-66 24 09	35	0.0178	0.0038	3725.9	49.3	26.7	4.6	1.3	0	0.1	L	
	2569/5	05 32 50.3	-05 44 46	51	0.0163	0.0031	5289.1	37.2	12.8	5.3	63.6	0	24.7	AL	†
	2568/6	05 32 48.1	-05 44 39	51	*0.0213	0.0057	4319.9	40.5	15.0	3.6	97.1	703	24.8	AL	†
1370	10413/3	05 32 48.5	-05 44 56	42	0.0186	0.0048	2510.7	30.1	12.9	3.7	1.1	0	12.2	AL	†
	2567/8	05 32 51.2	-05 18 22	39	0.0297	0.0057	4043.4	83.8	83.2	5.2	59.7	0	7.1	L	S
1371	7248/9	05 32 54.9	-05 13 59	38	0.0359	0.0020	29514.8	663.7	286.3	18.1	50.4	0	13.1	AL	S
	2573/9	05 32 54.5	-05 14 11	48	0.0390	0.0070	4048.9	76.6	43.4	5.4	30.4	500	21.1	AL	S
	2567/9	05 32 54.7	-05 14 05	39	0.0288	0.0050	4043.4	75.9	46.1	5.6	73.4	0	11.2	AL	S
1372	9256/10	05 32 55.0	-04 27 01	37	0.0064	0.0015	7136.7	33.9	25.1	4.4	0.7	0	2.5	H	
	1373	7241/6	05 32 56.3	-06 56 53	52	0.0057	0.0014	9554.1	29.8	21.2	4.2	0.8	0	17.5	H
1374	9256/11	05 32 57.6	-04 51 26	52	0.0148	0.0026	7136.7	43.1	14.9	5.7	15.8	0	24.6	AL	
	7248/10	05 32 55.8	-04 52 10	48	0.0067	0.0015	29514.8	110.6	272.4	4.3	144.7	500	17.9	AL	
1375	8725/8	05 32 58.0	-06 00 35	53	*0.0192	0.0048	6038.0	23.2	10.8	4.0	16.5	906	30.1	EH	
	7248/11	05 32 59.1	-05 10 40	38	0.0205	0.0017	29514.8	400.6	350.4	11.8	69.7	0	10.3	AL	S
1376	2573/10	05 32 58.8	-05 10 10	50	0.0318	0.0065	4048.9	59.4	40.6	4.8	34.7	0	22.6	AL	S
	2572/10	05 32 58.9	-05 10 35	51	0.0305	0.0068	3810.7	43.8	21.2	4.4	7.4	200	28.7	AL	S
	2567/10	05 32 59.2	-05 10 46	38	0.0548	0.0064	4043.4	132.2	40.8	8.5	51.9	0	14.8	AL	S
	2569/6	05 32 59.4	-05 56 43	48	0.416	0.013	5289.1	1018.2	15.8	31.7	2.5	0	22.8	AL	S
	3842/3	05 32 58.2	-05 56 29	38	0.282	0.017	2562.0	485.2	138.8	16.6	2.5	0	9.9	AL	S
	5095/3	05 32 59.4	-05 56 22	31	0.366	0.021	1753.1	477.9	106.1	17.0	1.7	0	0.1	AL	S
	10413/5	05 32 59.5	-05 56 17	31	0.310	0.016	2510.7	579.0	125.0	18.8	1.5	0	0.6	AL	S
	5096/5	05 32 59.6	-05 56 28	31	0.339	0.020	2007.1	506.3	132.7	17.2	2.1	0	0.3	AL	S
	2568/8	05 32 59.9	-05 56 23	48	0.363	0.019	4319.9	613.7	139.3	19.3	2.0	0	28.0	AL	S
	2567/11	05 32 59.8	-05 50 37	51	0.0267	0.0056	4043.4	45.8	20.2	4.6	3.9	0	25.4	AL	
1377	2569/7	05 33 00.3	-05 50 60	50	0.0266	0.0035	5289.1	67.9	13.1	7.5	36.3	600	21.5	AL	
	5095/4	05 33 00.4	-05 50 55	42	0.0293	0.0067	1753.1	36.4	13.6	4.2	23.0	0	5.4	AL	
	3842/4	05 33 00.8	-05 50 60	41	0.0243	0.0060	2562.0	38.9	24.1	4.0	22.4	0	13.3	AL	
	7248/12	05 33 00.9	-05 18 53	48	0.0299	0.0024	29514.8	515.3	605.7	12.3	38.9	0	15.6	L	S
	1380	7248/13	05 33 01.7	-05 30 39	48	0.0161	0.0028	29514.8	196.9	514.1	5.7	43.4	0	26.4	L
1381	7248/14	05 33 02.3	-04 57 03	38	0.0094	0.0013	29514.8	175.9	200.1	7.2	155.4	0	11.7	AL	S
	2573/11	05 33 00.6	-04 56 40	51	0.0241	0.0059	4048.9	35.4	17.6	4.0	1.9	0	29.1	AL	S
1382	9256/12	05 33 03.5	-04 22 53	36	0.0102	0.0017	7136.7	52.9	25.1	6.0	3.1	0	4.3	H	
1383	2567/12	05 33 04.1	-05 17 30	38	0.0392	0.0054	4043.4	108.3	48.7	7.2	66.7	0	8.7	L	S
	10413/6	05 33 04.8	-05 46 05	41	0.0357	0.0057	2510.7	58.9	9.1	6.1	0.8	0	10.9	AL	
1384	2569/8	05 33 04.9	-05 45 53	51	*0.0106	0.0023									

05h33m16.2s — 05h34m50.4s

Number		Position			Intensity		Detection Params.					Flags			
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±	LIVE- TIME	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R (')	SRC	ID
1390	7241/7	05 33 16.2	-07 03 42	50	0.0138	0.0020	9554.1	68.7	25.3	7.1	0.9	300	19.2	H	S
1391	2569/10	05 33 16.5	-05 38 18	52	*0.0120	0.0026	5289.1	30.8	15.2	4.5	1.2	601	20.6	H	S
1392	7241/8	05 33 16.7	-06 45 56	42	0.0074	0.0014	9554.1	47.6	28.4	5.5	0.8	0	9.5	H	S
1393	2573/12	05 33 17.8	-05 08 37	49	0.0389	0.0075	4048.9	60.2	33.8	5.1	29.9	0	27.5	aL	S
1394	9256/15	05 33 17.8	-04 20 03	42	0.0086	0.0017	7136.7	41.8	23.2	5.2	1.1	0	9.2	H	L
1395	7248/17	05 33 20.1	-05 12 29	38	0.0058	0.0013	29514.8	117.8	310.2	4.4	131.1	0	7.7	L	L
1396	2567/15	05 33 20.3	-05 24 41	42	0.0171	0.0033	4043.4	47.9	16.1	5.0	0.8	0	7.9	L	L
1397	2569/11	05 33 20.9	-05 51 12	56	*0.0072	0.0019	5289.1	21.5	10.5	3.8	166.6	1008	16.7	H	L
1398	5047/7	05 33 23.4	-01 15 21	35	0.0120	0.0015	9990.9	86.4	34.6	7.9	36.6	0	4.4	H	L
1399	7248/18	05 33 23.6	-05 18 20	39	0.00381	0.00098	29514.8	70.9	133.1	3.8	321.3	0	13.0	L	L
1400	9256/16	05 33 23.9	-04 31 47	42	0.0080	0.0017	7136.7	37.8	26.2	4.7	0.8	0	11.1	aL	†
1401	7248/19	05 33 24.2	-05 09 13	31	0.0296	0.0019	29514.8	628.7	440.3	15.8	53.5	0	4.5	aL	†
1402	9256/17	05 33 26.6	-04 49 37	52	0.0096	0.0023	7136.7	28.4	18.6	4.1	0.8	0	26.4	A	A
1403	7248/20	05 33 27.7	-04 49 60	48	0.0154	0.0014	29514.8	260.2	105.8	10.9	144.8	500	15.7	AL	L
1404	5480/3	05 33 26.7	21 29 27	48	*0.393	0.023	5560.9	830.9	318.1	16.6	6.6	703	28.3	L	L
1404	7248/21	05 33 29.6	-04 59 21	38	0.00637	0.00099	29514.8	131.1	139.9	6.3	277.5	0	6.3	L	L
1405	5480/4	05 33 32.0	21 35 15	48	*0.755	0.032	5560.9	1094.1	370.9	23.4	6.6	703	32.6	EIL	AH
1406	8725/9	05 33 32.1	-06 39 45	38	0.0313	0.0030	6038.0	123.2	19.8	10.3	1.0	0	11.4	AH	AH
1406	7241/9	05 33 32.6	-06 40 16	42	0.0059	0.0015	9554.1	38.4	28.6	3.7	0.6	0	8.7	AL	L
1407	10413/7	05 33 32.2	-06 05 19	39	0.0532	0.0069	2510.7	84.6	9.4	7.6	0.9	0	11.7	L	L
1408	8725/10	05 33 33.6	-06 18 18	39	0.0239	0.0028	6038.0	88.4	18.6	8.5	2.7	0	14.0	AH	S
1408	7241/10	05 33 32.8	-06 18 02	50	*0.0260	0.0031	9554.1	81.1	14.9	8.3	3.1	602	29.4	AH	S
1409	7241/11	05 33 34.9	-06 51 57	41	0.0117	0.0016	9554.1	77.7	32.3	7.4	1.1	0	7.0	AH	S
1409	7243/1	05 33 39.6	-06 52 07	52	*0.0238	0.0045	8409.9	36.4	10.6	5.3	2.2	1105	36.7	AEH	S
1410	2569/12	05 33 40.8	-05 43 44	41	0.0190	0.0027	5289.1	61.7	17.3	6.9	1.0	0	13.2	AH	AH
1410	5096/6	05 33 39.6	-05 43 51	52	0.0224	0.0059	2007.1	25.8	8.2	3.6	2.3	0	16.2	AL	L
1410	3842/5	05 33 40.2	-05 43 53	50	*0.053	0.011	2562.0	58.3	12.2	4.4	1.2	1105	25.6	AL	L
1410	5095/5	05 33 41.3	-05 43 18	52	0.0320	0.0067	1753.1	31.3	2.7	4.6	0.9	0	16.5	AL	L
1411	5047/8	05 33 41.0	-01 13 47	31	0.2792	0.0062	9990.9	2078.3	35.7	45.2	1.4	0	0.4	AH	S
1411	3128/1	05 33 40.8	-01 13 43	31	0.284	0.015	1726.0	365.0	6.0	19.0	1.4	0	0.4	AH	S
1412	7248/22	05 33 43.1	-05 21 40	50	0.00471	0.00099	29514.8	80.6	105.4	4.6	374.8	0	16.3	L	L
1413	7241/12	05 33 43.5	-06 21 11	55	0.0098	0.0019	9554.1	39.4	20.6	5.1	7.5	0	26.6	H	S
1414	8725/11	05 33 45.0	-06 24 33	42	0.0101	0.0019	6038.0	40.0	19.0	5.2	6.1	0	11.8	H	S
1415	8725/12	05 33 48.3	-06 19 14	52	0.0085	0.0019	6038.0	30.5	14.5	4.5	6.4	0	15.7	†	†
1416	7241/13	05 33 48.5	-06 40 35	42	0.0071	0.0013	9554.1	47.8	32.2	5.3	0.8	0	6.7	†	†
1417	7248/23	05 33 49.9	-05 13 27	38	0.00866	0.00097	29514.8	175.2	93.8	8.8	1.0	0	8.7	AL	L
1417	2567/16	05 33 48.3	-05 13 36	54	0.0179	0.0034	4043.4	38.7	3.3	5.2	0.6	0	18.9	AL	L
1418	8725/13	05 33 55.0	-06 32 47	42	0.0117	0.0020	6038.0	45.4	16.6	5.8	1.0	0	12.6	AH	S
1418	7241/14	05 33 53.9	-06 33 39	47	0.0046	0.0012	9554.1	27.6	25.4	3.8	0.9	0	13.5	AH	S
1419	7248/24	05 33 57.9	-04 52 23	47	0.00362	0.00075	29514.8	63.5	51.5	4.7	0.5	0	14.5	L	L
1420	7241/15	05 33 58.7	-06 44 47	32	0.0190	0.0019	9554.1	133.6	36.4	10.2	1.3	0	2.6	AH	S
1420	5031/1	05 33 59.7	-06 44 24	51	0.0183	0.0034	3618.4	35.7	7.3	5.5	1.1	200	18.8	AH	S
1420	8725/16	05 34 00.5	-06 44 31	48	0.0357	0.0036	6038.0	112.8	16.2	9.9	1.0	0	19.6	AH	S
1421	8725/15	05 33 59.1	-06 27 56	43	0.0111	0.0021	6038.0	41.9	18.1	5.4	1.1	0	13.8	A	S
1421	7241/16	05 33 59.2	-06 28 42	51	*0.0094	0.0016	9554.1	48.9	18.1	6.0	1.0	603	18.3	AH	S
1422	7241/17	05 33 59.5	-06 19 19	51	0.0145	0.0023	9554.1	54.4	20.6	6.3	4.5	0	27.9	AH	S
1422	8725/14	05 33 58.5	-06 19 15	51	0.0135	0.0023	6038.0	45.9	16.1	5.8	4.7	0	17.6	AH	S
1423	5047/9	05 34 02.3	-01 04 33	42	0.0070	0.0014	9990.9	46.3	32.7	5.2	0.8	0	10.7	AH	S
1424	7248/25	05 34 03.2	-05 21 29	48	0.0062	0.0010	29514.8	102.7	82.3	6.1	1.5	0	17.3	L	L
1425	7127/1	05 34 03.2	-58 03 28	38	0.359	0.020	1258.7	318.1	3.9	17.7	1.3	0	6.7	H	L
1426	6300/2	05 34 05.9	-70 52 07	52	0.0047	0.0012	12590.3	31.7	40.3	3.7	1.4	600	17.6	L	L
1427	7248/26	05 34 09.0	-05 06 09	41	0.00359	0.00080	29514.8	72.4	93.6	4.4	0.7	0	8.5	L	L
1428	7248/27	05 34 11.1	-05 30 18	51	*0.0076	0.0014	29514.8	93.6	45.9	5.1	1.1	803	26.4	L	L
1429	5047/10	05 34 11.3	-01 38 32	56	0.0067	0.0018	9990.9	27.1	23.9	3.8	0.9	0	25.9	H	L
1430	8725/17	05 34 18.3	-06 05 41	52	0.0155	0.0032	6038.0	32.2	10.8	4.9	1.6	500	30.8	H	L
1431	6300/3	05 34 20.0	-70 29 11	51	0.0058	0.0013	12590.3	41.6	40.4	4.6	0.7	0	17.2	AH	*
1431	4560/1	05 34 23.7	-70 29 17	43	0.0059	0.0014	9100.9	35.1	32.9	4.3	0.8	0	10.3	AH	*
1432	5047/11	05 34 20.3	-01 23 08	43	0.0055	0.0013	9990.9	33.1	27.9	4.2	1.0	0	13.8	AH	*
1433	5480/5	05 34 20.6	21 16 55	39	0.0244	0.0037	5560.9	89.1	42.9	6.4	110.9	0	11.0	L	L
1434	7391/1	05 34 28.3	-03 03 26	68	0.0162	0.0046	5254.2	18.5	9.5	3.5	0.9	600	37.5	EH	L
1435	5480/6	05 34 31.6	21 22 52	48	0.0524	0.0051	5560.9	168.4	33.6	10.2	1.5	0	16.2	L	L
1436	6505/1	05 34 34.0	-69 56 35	38	0.0663	0.0052	6733.2	272.6	71.4	12.6	1.5	0	14.0	AL	SNR
1436	7399/1	05 34 23.2	-69 56 54	41	0.069	0.012	1338.2	57.5	16.5	5.6	1.3	0	12.5	AL	SNR
1436	2460/1	05 34 26.0	-69 56 32	50	0.0328	0.0090	1993.1	37.8	33.2	3.6	2.0	0	16.5	AL	SNR
1436	6506/1	05 34 28.0	-69 56 53	50	0.060	0.011	1626.8	51.9	14.1	5.4	1.3	100	19.3	AL	SNR
1436	6503/1	05 34 29.0	-69 57 03	39	0.0440	0.0074	2391.5	73.9	36.1	5.8	1.5	0	6.7	AL	SNR
1436	6501/2	05 34 29.6	-69 56 37	48	0.0543	0.0090	2334.1	75.6	35.4	5.9	1.3	0	15.2	AL	SNR
1436	2450/1	05 34 29.9	-69 56 01	51	*0.052	0.014	1485.5	43.1	18.4	3.6	1.7	602	16.2	AL	SNR
1436	6517/1	05 34 33.8	-69 56 26	48	*0.0558	0.0075	6354.6	122.6	38.3	7.5	2.0	703	29.6	AHL	SNR
1436	6498/1	05 34 34.8	-69 56 51	39	0.051	0.010	1518.0	51.7	24.3	4.9	1.5	0	9.6	AL	SNR
1437	2569/13	05 34 36.8	-05 38 22	42	0.0092	0.0021	5289.1	31.2	18.8	4.4	0.8	0	11.6	H	L
1438	5047/12	05 34 37.1	-01 10 35	41	0.0107	0.0016	9990.9	63.8	28.2	6.7	1.1	600	14.7	H	L
1439	7248/28	05 34 38.7	-05 01 34	58	0.00284	0.00077	29514.8	48.0	60.0	3.6	0.6	0	16.4	L	L
1440	5480/7	05 34 38.8	21 06 41	36	0.0091	0.0023	5560.9	37.5	26.5	3.8	2.1	0	0.2	L	L
1441	5096/7	05 34 42.7	-06 08 11	52	0.0340	0.0088	2007.1	25.0	6.0	3.7	1.1	0	28.1	AL	L
1441	2569/14	05 34 42.8	-06 07 35	51	*0.0201	0.0029	5289.1	58.2	10.8	7.0	1.1	703	18.2	AH	L
1441	8725/18	05 34 44.4	-06 07 45	51	*0.0305	0.0045	6038.0	55.3	10.7	6.8	1.1	1003	33.6	AH	L
1442	7241/18	05 34 44.3	-06 37 18	51	0.0057	0.0014	9554.1	31.6	25.4	4.2	0.7	0	15.7	H	S
14															

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
1445	2407/1	05 34 51.9	-67 40 11	37	0.0180	0.0044	1696.9	21.7	6.3	4.1	0.8	0	4.9	A	
	6304/3	05 34 54.2	-67 40 32	51	0.0127	0.0028	8605.3	51.2	35.8	4.4	0.9	100	22.7	AL	
1446	7248/29	05 34 54.7	-05 07 28	48	*0.0078	0.0017	29514.8	119.5	51.5	4.5	1.1	906	20.0	AL	
1447	4560/2	05 34 55.2	-70 35 37	32	0.0176	0.0019	9100.9	116.2	37.8	9.4	1.4	0	3.3	AH	SNR
	6300/4	05 34 56.0	-70 35 38	39	0.0139	0.0015	12590.3	116.0	44.0	9.2	1.2	0	10.8	AH	SNR
	2466/1	05 34 59.4	-70 35 20	56	0.0184	0.0049	1772.0	18.5	5.5	3.8	0.8	0	16.9	AH	SNR
1448	7391/2	05 34 58.0	-02 41 49	52	*0.0109	0.0024	5254.2	28.9	11.1	4.6	1.0	906	20.1		
1449	5047/14	05 35 01.3	-00 55 20	50	0.0188	0.0025	9990.9	73.7	25.3	7.4	1.9	0	27.6	H	
1450	7243/2	05 35 07.3	-07 06 27	42	0.0078	0.0014	8409.9	42.6	19.4	5.4	0.9	0	10.4	H	
1451	2571/3	05 35 07.8	-04 57 51	42	0.0105	0.0028	4621.6	32.3	20.7	3.6	1.0	0	10.5	L	
1452	7241/19	05 35 18.8	-06 41 36	55	0.0064	0.0016	9554.1	29.8	22.2	4.1	0.7	500	21.4	H	S
1453	6756/2	05 35 19.3	-66 14 43	52	0.0136	0.0037	3725.9	27.9	13.1	3.5	2.0	0	18.0	L	S
1454	7391/3	05 35 23.1	-02 35 23	42	0.0124	0.0023	5254.2	40.3	16.7	5.3	0.8	0	13.4	H	
1455	7391/4	05 35 25.7	-02 41 07	39	0.0285	0.0032	5254.2	92.4	18.6	8.8	0.9	0	13.2	H	
1456	7391/5	05 35 26.7	-02 46 59	48	0.0467	0.0042	5254.2	141.0	18.0	11.2	1.0	0	15.8	H	
1457	7243/3	05 35 29.8	-06 58 59	42	0.0082	0.0015	8409.9	43.0	19.0	5.5	1.0	0	13.0	AH	S
	7241/20	05 35 29.3	-06 58 44	51	0.0115	0.0020	9554.1	44.5	17.5	5.7	1.0	900	26.1	H	S
1458	5047/15	05 35 37.0	-01 12 12	54	*0.0103	0.0025	9990.9	28.1	18.9	4.1	1.2	703	29.3	AH	
1459	7391/6	05 35 38.6	-02 33 07	44	0.0079	0.0019	5254.2	27.6	18.4	4.1	0.8	0	10.4	H	
1460	7243/4	05 35 39.9	-06 55 07	56	*0.0046	0.0013	8409.9	21.9	17.1	3.5	0.6	602	16.4	H	
1461	6756/3	05 35 42.6	-66 03 55	48	2.525	0.048	3725.9	3854.7	397.3	52.3	1.3	0	26.9	AL	SNR
	2398/1	05 35 39.4	-66 03 50	48	1.997	0.074	1556.8	1141.5	230.5	26.7	1.5	0	29.2	AL	SNR
	2397/1	05 35 39.7	-66 03 42	38	1.678	0.047	2058.2	2337.0	777.0	35.7	1.6	0	8.7	AL	SNR
	2396/4	05 35 43.9	-66 03 40	48	1.861	0.073	1746.9	1049.2	218.8	25.4	1.4	100	31.5	AL	SNR
1462	3720/1	05 35 44.0	-28 39 20	48	0.0136	0.0012	23430.4	178.8	56.2	11.7	4.6	0	17.0	H	S
1463	3720/2	05 35 48.0	-28 42 60	48	0.0382	0.0018	23430.4	498.8	63.2	21.0	1.8	0	17.4	H	S
1464	7391/7	05 35 53.4	-02 11 55	51	0.0230	0.0036	5254.2	51.1	12.9	6.4	0.9	0	26.1	H	
1465	5031/2	05 35 55.2	-06 39 29	45	0.0099	0.0024	3618.4	23.2	8.8	4.1	0.8	0	11.3	H	
1466	3720/3	05 36 02.5	-28 55 60	62	*0.00320	0.00083	23430.4	33.5	42.5	3.8	1.0	603	23.4	H	
1467	7243/5	05 36 05.4	-06 42 03	51	0.0119	0.0025	8409.9	35.5	19.5	4.8	1.2	500	29.9	H	
1468	7391/8	05 36 05.7	-02 32 27	41	0.0189	0.0025	5254.2	70.9	19.1	7.5	15.3	0	5.7	H	
1469	2407/2	05 36 12.9	-67 36 29	36	0.0327	0.0056	1696.9	40.2	6.8	5.9	1.5	0	4.0	H	*
1470	7391/9	05 36 13.4	-02 37 33	31	0.1140	0.0055	5254.2	445.1	18.9	20.7	2.5	0	0.7	H	
1471	3720/4	05 36 22.0	-28 49 30	48	0.00847	0.00099	23430.4	113.5	63.5	8.5	0.9	0	15.7	H	*
1472	4560/3	05 36 22.7	-70 12 31	61	0.0067	0.0018	9100.9	24.7	21.3	3.6	3.3	0	26.6	H	
1473	7243/6	05 36 26.5	-07 22 26	51	0.0053	0.0014	8409.9	26.4	19.6	3.9	0.7	0	15.3	H	
1474	3720/5	05 36 30.3	-28 18 19	48	0.0082	0.0010	23430.4	104.2	57.8	8.2	1.0	0	18.9	H	
1475	7243/7	05 36 31.2	-06 57 36	51	0.0068	0.0015	8409.9	31.9	19.1	4.5	0.9	0	17.8	H	
1476	3720/6	05 36 36.9	-28 51 14	51	*0.00633	0.00089	23430.4	83.9	56.1	7.1	1.1	603	16.0	H	S
1477	9460/1	05 36 38.6	69 21 18	43	0.0048	0.0011	10236.7	32.5	26.5	4.2	1.1	0	9.4	H	
1478	6300/5	05 36 43.0	-70 40 35	32	0.0123	0.0014	12590.3	115.2	52.8	8.9	2.3	0	2.2	AH	SNR
	2466/2	05 36 41.5	-70 40 36	45	0.0177	0.0044	1772.0	21.9	8.1	4.0	1.3	0	7.2	AH	SNR
	4560/4	05 36 42.3	-70 40 05	41	0.0142	0.0018	9100.9	91.0	37.0	8.0	1.7	0	7.0	AH	SNR
1479	9460/2	05 36 48.0	68 54 12	51	*0.0093	0.0016	10236.7	43.2	13.8	5.7	1.0	1609	21.6		
1480	7243/8	05 36 52.1	-07 01 32	51	0.0100	0.0017	8409.9	44.9	14.1	5.8	0.8	0	19.2	H	
1481	7243/9	05 36 53.3	-06 56 38	52	0.0074	0.0016	8409.9	29.8	14.2	4.5	0.7	500	22.5	H	
1482	7391/10	05 36 59.0	-02 41 35	47	0.0066	0.0018	5254.2	22.3	15.7	3.6	3.8	0	11.6	H	
1483	7391/11	05 37 05.9	-02 28 31	52	0.0082	0.0021	5254.2	25.7	17.3	3.9	1.7	0	15.1	H	
1484	7391/12	05 37 06.0	-02 43 57	41	0.0208	0.0029	5254.2	65.7	16.3	7.3	1.3	0	13.8	H	
1485	3720/7	05 37 09.3	-28 34 37	35	0.00429	0.00073	23430.4	73.8	84.2	5.9	0.9	0	2.5	H	*
1486	7391/13	05 37 14.1	-02 27 50	51	*0.0100	0.0023	5254.2	29.5	14.5	4.4	1.4	703	17.3		
1487	7391/14	05 37 14.7	-02 33 49	41	0.0157	0.0026	5254.2	49.0	16.0	6.1	1.0	500	15.0	H	
1488	7499/1	05 37 21.8	-44 06 36	32	0.0341	0.0033	4728.5	120.3	18.7	10.2	1.1	0	0.2	AH	*
	547/1	05 37 21.5	-44 06 20	37	0.075	0.017	359.8	19.9	1.1	4.3	0.8	0	2.4	AH	*
	7501/1	05 37 22.2	-44 06 40	32	0.0459	0.0046	3239.4	110.8	10.2	10.1	1.2	0	0.6	AH	*
1489	2466/3	05 37 22.4	-70 08 04	57	0.0321	0.0087	1772.0	16.8	4.2	3.7	2.0	500	34.2	H	
1490	3720/8	05 37 25.5	-28 43 43	40	0.00588	0.00082	23430.4	91.2	70.8	7.2	1.2	0	9.5	H	
1491	3108/1	05 37 26.9	12 37 32	50	0.081	0.011	1831.4	59.4	3.6	7.5	1.2	0	27.3	H	
1492	7391/15	05 37 29.6	-02 24 06	55	*0.0079	0.0021	5254.2	19.8	8.2	3.7	0.7	1109	22.7	H	
1493	3720/9	05 37 30.9	-28 50 07	54	0.00268	0.00073	23430.4	35.7	57.3	3.7	0.6	0	15.6	H	
1494	3720/10	05 37 43.9	-28 29 21	43	0.00292	0.00070	23430.4	44.2	68.8	4.2	1.1	0	11.9		
1495	7243/10	05 37 45.7	-07 10 16	55	*0.0082	0.0020	8409.9	23.4	10.6	4.0	0.9	703	30.0	H	
1496	3720/11	05 37 55.8	-28 41 16	38	0.0354	0.0017	23430.4	503.3	62.7	21.2	1.1	0	13.4	H	Q
1497	3720/12	05 37 59.8	-28 51 06	67	*0.00296	0.00077	23430.4	34.6	46.4	3.8	1.0	804	19.8	H	
1498	5851/1	05 38 06.9	-71 52 03	46	0.0154	0.0040	1978.5	19.7	6.3	3.9	0.8	0	12.2		*
1499	4559/1	05 38 11.5	-69 11 41	38	0.1365	0.0060	8259.2	787.4	141.6	22.4	20.4	0	6.4	AL	SNR
	2440/1	05 38 04.5	-69 11 33	38	0.148	0.013	1697.9	180.2	24.8	10.9	4.0	0	5.0	AL	SNR
	6521/1	05 38 07.7	-69 11 51	50	0.063	0.013	2977.9	66.3	52.7	4.8	3.6	100	29.2	AL	SNR
	6517/2	05 38 08.2	-69 11 43	48	*0.098	0.013	6354.6	270.7	47.3	7.6	118.7	1006	24.0	AL	SNR
	6525/1	05 38 08.3	-69 11 43	48	0.140	0.012	3080.5	201.4	39.6	11.1	3.1	100	22.0	AL	SNR
	6520/1	05 38 08.6	-69 11 59	38	0.1124	0.0099	2805.8	201.7	37.3</						

05^h38^m17.2^s — 05^h40^m33.0^s

Number		Position			Intensity		Detection Params.			SIZE COR	RECO	R (')	Flags		
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±	LIVE-TIME	NET CTS	BKG CTS				S/N	SRC	ID
1502	4560/5	05 38 17.2	-70 06 58	62	*0.0098	0.0028	9100.9	21.6	15.4	3.5	0.8	1309	34.9	E	
1503	4921/1	05 38 33.2	-09 49 16	43	0.0119	0.0031	2526.3	18.8	5.2	3.8	0.8	0	12.5	H	
1504	3720/13	05 38 36.4	-28 45 40	58	0.00349	0.00094	23430.4	36.7	29.3	3.6	0.3	0	23.3	L	
1505	6517/3	05 38 41.7	-69 25 15	38	0.0916	0.0060	6354.6	381.1	86.9	15.1	132.3	0	10.4	AL	S
	6526/1	05 38 33.8	-69 25 14	51	0.062	0.015	1126.2	32.0	10.0	4.1	1.2	100	22.4	AL	S
	6523/1	05 38 37.4	-69 25 08	51	*0.053	0.012	2475.9	49.5	22.5	4.3	12.0	501	28.9	AIL	S
	6520/2	05 38 38.4	-69 24 48	39	0.0522	0.0079	2805.8	86.7	36.3	6.5	1.3	0	14.9	AL	S
	6519/2	05 38 39.1	-69 24 53	39	0.0613	0.0094	2039.9	82.8	33.2	6.4	105.5	0	10.7	AL	S
	6529/2	05 38 39.5	-69 25 28	48	0.091	0.012	2104.7	95.6	16.4	7.6	134.1	300	20.5	AL	S
	6533/2	05 38 39.6	-69 25 18	51	*0.058	0.013	1828.7	44.2	15.5	4.4	13.3	401	26.6	AL	S
	6518/2	05 38 40.1	-69 25 13	38	0.0620	0.0082	2638.9	113.2	47.8	7.4	138.2	0	7.2	AL	S
	6516/1	05 38 40.1	-69 24 55	48	0.118	0.014	2255.3	122.0	29.0	8.3	1.4	300	22.4	AL	S
	6510/2	05 38 40.2	-69 25 14	41	0.0415	0.0066	2874.3	70.0	20.0	6.2	67.5	100	14.9	AL	S
	2440/2	05 38 40.4	-69 24 47	42	0.0335	0.0089	1697.9	34.7	23.3	3.7	1.9	0	13.2	AL	S
	6530/1	05 38 40.7	-69 25 06	48	0.0627	0.0083	4717.0	110.9	42.1	7.4	167.8	100	27.9	AL	S
	6505/2	05 38 41.3	-69 25 21	48	0.0431	0.0055	6733.2	129.0	60.0	7.7	222.4	100	23.9	AL	S
	4559/2	05 38 42.0	-69 24 52	38	0.0567	0.0046	8259.2	298.1	122.9	12.2	42.3	0	12.1	AL	S
	6525/2	05 38 42.1	-69 25 24	38	0.0806	0.0080	3080.5	164.8	37.2	9.9	145.2	0	9.7	AL	S
	6521/2	05 38 43.1	-69 25 19	50	*0.0447	0.0094	2977.9	76.2	39.3	4.6	231.2	703	15.6	AL	S
	6522/2	05 38 43.9	-69 25 09	35	0.0574	0.0092	1665.3	68.3	19.7	6.1	1.4	0	4.2	AL	S
1506	483/1	05 38 45.2	49 49 54	32	0.0130	0.0013	12140.9	118.0	30.0	9.7	1.1	0	0.4	H	Q
1507	10102/1	05 38 48.6	03 45 11	31	0.1485	0.0064	5050.4	557.9	17.1	23.3	1.2	0	0.2	H	
1508	483/2	05 38 48.8	50 14 06	51	0.0087	0.0016	12140.9	46.0	21.0	5.6	1.6	0	24.4	H	
1509	6533/3	05 38 56.0	-68 55 08	38	0.093	0.011	1828.7	111.0	21.0	8.3	6.9	0	10.9	AL	S
	2429/1	05 38 51.9	-68 54 15	51	*0.0421	0.0070	1968.5	39.2	3.8	6.0	1.1	1409	21.9	A	S
	6520/3	05 38 53.3	-68 54 56	51	0.0403	0.0084	2805.8	45.0	18.0	4.7	1.1	0	26.5	AL	S
	2440/3	05 38 53.8	-68 54 40	50	0.054	0.010	1697.9	52.4	18.6	5.2	9.5	0	17.1	AL	S
	6301/2	05 38 55.0	-68 54 33	48	0.0740	0.0032	22483.8	773.5	101.5	22.9	28.8	100	23.4	AL	S
1510	4560/6	05 38 59.0	-70 06 32	55	*0.0169	0.0035	9100.9	34.2	16.8	4.8	0.8	1106	36.8	E	
1511	2221/3	05 39 00.6	-01 49 50	47	0.0194	0.0047	1792.0	20.9	5.1	4.1	1.3	0	14.6	H	
1512	10102/2	05 39 02.6	03 29 01	56	0.0089	0.0022	5050.4	24.9	12.1	4.1	1.2	0	15.6	AL	
1513	4559/3	05 39 07.4	-69 06 59	38	0.0267	0.0038	8259.2	155.1	163.9	6.9	56.6	0	6.2	H	*
	2429/2	05 39 01.6	-69 05 13	51	0.0488	0.0092	1968.5	33.7	6.3	5.3	5.1	300	28.8	A	*
1514	2221/4	05 39 08.5	-01 54 56	42	0.0302	0.0056	1792.0	32.6	4.4	5.4	2.1	0	14.7	H	
1515	4559/4	05 39 09.1	-69 10 57	31	0.0229	0.0035	8259.2	138.4	155.6	6.4	65.8	0	2.6	H	*
1516	2429/3	05 39 13.7	-69 03 21	52	0.0285	0.0068	1968.5	22.1	5.9	4.2	7.6	0	26.9	L	†
1517	3108/2	05 39 16.8	12 28 34	37	0.0149	0.0037	1831.4	20.2	4.8	4.0	0.7	0	0.9	H	S
1518	6301/3	05 39 51.4	-69 06 06	48	*0.0115	0.0021	22483.8	134.9	117.1	5.3	140.8	804	19.6	L	
1519	4559/5	05 39 58.7	-69 42 32	48	*0.0283	0.0062	8259.2	103.7	103.3	4.6	60.7	703	29.5	AEIL	
1520	9460/3	05 39 59.4	68 52 49	56	0.0053	0.0015	10236.7	24.0	20.0	3.6	0.8	600	24.6	H	
1521	483/3	05 40 04.0	49 35 54	48	0.0142	0.0016	12140.9	93.2	21.8	8.7	0.9	0	19.0	H	AGN
1522	6517/4	05 40 06.6	-69 45 57	38	9.605	0.0054	6354.6	38698.1	356.8	177.0	1.5	0	13.0	AL	S
	2452/1	05 40 04.2	-69 46 00	38	9.67	0.11	1558.8	10068.8	551.2	87.3	1.3	0	10.0	AL	S
	6519/3	05 40 04.7	-69 45 53	48	*6.54	0.12	2039.9	5091.8	456.7	56.4	1.4	501	29.9	AIL	S
	6501/3	05 40 04.8	-69 46 39	48	3.22	0.11	2334.1	1656.7	743.3	28.4	1.8	0	38.1	AL	S
	6522/3	05 40 05.5	-69 45 55	48	10.34	0.12	1665.3	9681.5	381.5	86.6	1.2	0	18.0	AL	S
	6527/1	05 40 05.7	-69 46 12	48	*10.05	0.14	1554.5	7647.3	-28.2	69.7	1.2	602	21.3	AL	S
	6531/1	05 40 05.9	-69 46 18	48	1.773	0.093	2194.3	842.9	517.1	18.9	2.2	0	38.2	AL	S
	2440/4	05 40 06.4	-69 45 35	48	3.36	0.13	1697.9	1548.3	785.7	26.8	2.2	0	34.1	AL	S
	6525/3	05 40 06.7	-69 45 53	48	9.572	0.081	3080.5	17593.6	495.5	117.7	1.4	0	15.4	AL	S
	6518/3	05 40 07.0	-69 46 02	48	*5.91	0.13	2638.9	7082.1	896.4	46.8	1.4	805	24.1	AL	S
	6521/3	05 40 07.1	-69 46 01	38	10.468	0.079	2977.9	21877.4	454.6	132.0	1.4	0	7.0	AL	S
	6506/2	05 40 07.4	-69 46 13	38	9.94	0.11	1626.8	9947.4	419.6	87.6	1.3	0	13.0	AL	S
	6509/1	05 40 07.4	-69 46 05	38	10.482	0.083	2886.3	19775.4	380.6	125.6	1.3	0	11.4	AL	S
	6530/2	05 40 07.6	-69 46 12	48	9.039	0.076	4717.0	18865.1	987.9	118.9	1.5	300	24.1	AL	S
	6516/2	05 40 07.9	-69 46 08	31	10.551	0.090	2255.3	17741.8	649.2	117.5	1.3	0	0.2	AL	S
	6529/3	05 40 07.9	-69 46 03	48	*11.59	0.17	2104.7	11171.6	487.0	68.8	1.4	804	23.3	AL	S
	6514/1	05 40 07.9	-69 46 06	48	7.72	0.10	2289.2	7707.9	826.1	73.8	1.5	0	24.0	AL	S
	6523/2	05 40 08.0	-69 46 10	38	10.814	0.091	2475.9	17510.8	250.2	118.6	1.2	0	11.1	AL	S
	6508/1	05 40 08.0	-69 46 09	48	8.40	0.11	2341.4	8466.2	712.8	78.5	1.4	0	24.3	AL	S
	6503/2	05 40 08.3	-69 46 14	48	9.33	0.11	2391.5	9601.6	762.4	83.1	1.3	300	24.5	AL	S
	6511/1	05 40 08.4	-69 46 10	38	11.46	0.11	1654.6	13093.1	610.9	100.2	1.3	0	7.0	AL	S
	6507/1	05 40 08.5	-69 46 13	48	10.225	0.098	2389.5	13995.4	502.6	104.4	1.3	0	15.4	AL	S
	2450/2	05 40 08.6	-69 45 48	48	8.11	0.13	1485.5	5790.6	555.4	63.5	1.3	400	21.5	AL	S
	6505/3	05 40 08.8	-69 46 13	48	9.427	0.060	6733.2	31377.5	833.6	157.1	1.4	100	21.4	AL	S
	6526/2	05 40 08.9	-69 45 59	38	10.29	0.14	1126.2	7345.0	280.0	75.5	1.3	0	12.8	AL	S
	6528/1	05 40 09.2	-69 45 55	48	9.56	0.11	1866.7	9778.2	225.8	87.9	1.2	100	17.9	AL	S
	6515/1	05 40 09.3	-69 46 15	38	10.18	0.11	1626.1	10164.6	379.4	88.7	1.3	100	12.7	AL	S
	6532/1	05 40 11.9	-69 45 46	48	*3.491	0.069	3308.7	4989.5	676.6	50.7	1.8	602	29.6	AIL	S
	6513/1	05 40 13.3	-69 46 39	48	*2.884	0.091	2176.0	2212.4	244.6	31.6	1.7	905	29.3	AEIL	S
1523	8417/1	05 40 15.7	09 08 57	50	*0.0133	0.0017	13843.7	85.6	28.4	8.0	1.1	1109	23.4	H	
1524	2440/5	05 40 21.1	-69 50 52	48	*0.195	0.048	1697.9	65.6	55.9	4.1	0.0	701	39.7	EIL	
1525	4559/6	05 40 35.3	-69 21 02	38	0.523	0.011	8259.2	2887.0	178.0	46.5	6.0	0	10.2	AL	P
	6507/2	05 40 20.1	-69 22 03	48	*0.095	0.025	2389.5	66.0	52.5	3.8	0.0	802	39.7	AEIL	P
	2452/2	05 40 30.7	-69 21 12	48	*0.592	0.044	1558.8	447.8	36.4	13.3	1.4	804	21.9	AL	P
	6532/2	05 40 32.2	-69 21 26	48	*0.473	0.026	3308.7	698.2	71.3	18.0	15.9	603	23.7	AL	P
	6530/3	05 40 32.3	-69 21 26	48	*0.346	0.031	4717.0	812.0	106.0	11.3	31.3	1007	20.2	AL	P
	6509/2	05 40 32.5	-69 21 41	48	0.317	0.022	2886.3	351.6	82.4	14.5	1.9	0	27.4	AL	P
	6511/2	05 40 32.5	-69 21 37	48	0.268	0.032	1654.6	138.4	54.6	8.2	1.7	200	31.6	AL	P
	2440/6	05 40 33.0	-69 21 06	38	0.523	0.026	1697.9	554.2							

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
	2450/3	05 40 33.6	-69 21 04	48	*0.187	0.027	1485.5	137.4	38.1	6.9	1.9	803	31.4	AIL	P
	6534/1	05 40 33.7	-69 21 19	48	0.382	0.022	3164.4	470.0	67.0	17.4	4.7	600	27.4	AL	P
	6517/5	05 40 34.1	-69 21 35	48	*0.308	0.023	6354.6	1064.9	73.6	13.4	30.5	1007	17.5	AL	P
	6523/3	05 40 34.3	-69 21 16	48	0.315	0.023	2475.9	305.6	64.4	13.7	2.3	0	27.0	AL	P
	6528/2	05 40 34.7	-69 21 26	48	0.434	0.028	1866.7	360.2	50.8	15.5	1.6	0	23.5	AL	P
	6301/4	05 40 35.1	-69 21 37	48	*0.4221	0.0094	22483.8	3759.5	437.1	44.6	5.4	602	27.2	AL	P
	6518/4	05 40 35.1	-69 21 39	48	*0.516	0.027	2638.9	734.8	33.2	19.2	23.4	703	18.0	AL	P
	6522/4	05 40 35.4	-69 21 31	38	0.451	0.024	1665.3	476.2	38.8	18.6	1.4	0	11.7	AL	P
	6521/4	05 40 35.8	-69 21 23	48	0.499	0.021	2977.9	799.9	59.1	24.2	28.6	0	17.7	AL	P
	6525/4	05 40 36.2	-69 21 30	38	0.510	0.018	3080.5	1049.3	69.7	27.9	25.1	0	9.2	AL	P
	6510/3	05 40 36.3	-69 21 42	48	0.454	0.023	2874.3	545.5	46.5	19.8	3.2	0	25.7	AL	P
	6519/4	05 40 36.4	-69 21 31	48	0.436	0.024	2039.9	451.2	32.8	18.0	18.9	300	20.6	AL	P
	6529/4	05 40 36.6	-69 21 33	38	0.535	0.023	2104.7	725.0	50.0	23.1	24.7	0	11.2	AL	P
	6533/4	05 40 36.8	-69 21 25	48	0.525	0.028	1828.7	493.5	51.5	18.6	1.8	0	20.5	AL	P
	6520/4	05 40 36.8	-69 21 23	48	*0.483	0.024	2805.8	608.8	34.7	19.8	1.3	601	23.7	AL	P
1526	7109/1	05 40 37.2	-67 36 33	62	*0.0046	0.0011	13372.6	29.9	25.1	4.0	0.8	1409	21.7		
1527	8417/2	05 40 38.6	09 04 45	52	0.0066	0.0012	13843.7	49.2	33.8	5.4	1.0	0	18.5	H	
1528	8417/3	05 40 42.6	09 35 59	52	0.0089	0.0018	13843.7	42.6	30.4	5.0	0.8	0	30.5	H	
1529	8417/4	05 40 49.7	09 15 42	50	0.0082	0.0013	13843.7	66.6	41.4	6.4	0.8	0	15.9	H	
1530	8417/5	05 40 50.5	09 07 44	57	0.0040	0.0010	13843.7	33.4	41.6	3.9	0.8	0	15.3	H	
1531	483/4	05 41 07.1	49 56 11	55	*0.0043	0.0012	12140.9	23.6	19.4	3.6	0.9	906	24.0	H	
1532	9061/1	05 41 10.2	-01 10 52	61	*0.0137	0.0035	5232.6	27.3	3.1	3.5	0.8	901	28.4	L	
1533	2467/1	05 41 11.8	-70 06 05	53	0.065	0.015	1449.8	20.4	2.6	4.3	2.3	100	38.8	H	
1534	9460/4	05 41 30.6	69 25 06	52	*0.0061	0.0013	10236.7	34.0	21.0	4.6	0.8	806	21.3		
1535	8417/6	05 41 36.7	09 11 11	35	0.0066	0.0011	13843.7	67.1	59.9	6.0	1.4	0	3.3	H	
1537	7109/2	05 42 17.1	-68 15 28	56	*0.0052	0.0014	13372.6	29.5	30.5	3.8	1.2	1206	25.6	H	
1538	7109/3	05 42 51.9	-68 -9 00	52	0.0049	0.0013	13372.6	34.2	43.8	3.9	0.7	0	19.4		
1539	8726/1	05 43 02.3	-00 20 21	55	*0.00228	0.00052	36802.3	47.2	68.8	4.4	0.9	0	16.5		
1540	8726/2	05 43 07.9	-00 08 42	43	0.00163	0.00044	36802.3	40.6	80.4	3.7	0.6	0	8.4		
1541	8726/3	05 43 10.3	-00 13 09	42	0.00240	0.00048	36802.3	58.6	77.4	5.0	0.7	0	10.0		
1542	8726/4	05 43 22.7	00 05 52	42	0.00309	0.00055	36802.3	69.2	82.8	5.6	18.2	0	13.3	H	
1543	8726/5	05 43 27.9	-00 09 34	32	0.00335	0.00050	36802.3	88.6	88.4	6.7	0.8	0	4.2		
1544	8726/6	05 43 31.1	00 09 37	48	*0.00910	0.00077	36802.3	187.5	62.5	11.9	5.7	803	16.6	H	
1545	8726/7	05 43 35.7	-00 12 50	39	0.00530	0.00059	36802.3	137.5	94.5	9.0	0.9	0	6.4	H	
1546	5048/1	05 43 41.9	-09 46 20	52	0.0068	0.0014	13553.2	39.7	22.3	5.0	0.8	600	25.4		
1547	8726/8	05 43 45.4	00 05 57	38	0.01263	0.00084	36802.3	290.0	78.0	15.1	4.3	0	12.7		
1548	8726/9	05 43 46.0	-00 06 38	35	*0.00282	0.00046	36802.3	77.2	78.8	6.2	0.8	0	1.5		
1549	8417/7	05 43 48.3	08 54 24	56	*0.0132	0.0026	13843.7	43.9	30.1	5.1	1.5	1207	33.1	EH	
1550	6301/6	05 43 50.3	-68 23 12	48	0.0824	0.0056	22483.8	494.2	292.8	14.6	2.1	0	35.3	AL	S
	2418/1	05 43 45.3	-68 22 41	55	*0.0418	0.0094	1632.4	22.2	2.8	4.4	1.5	1408	31.5	AL	S
	7109/4	05 43 45.7	-68 23 07	48	0.1070	0.0052	13372.6	444.9	29.1	20.4	1.5	100	31.9	AH	S
	2430/1	05 43 47.6	-68 23 23	50	0.167	0.023	867.3	55.9	3.1	7.3	1.4	0	28.4	AH	S
	2417/1	05 43 51.3	-68 23 03	42	0.094	0.016	630.4	38.2	2.8	6.0	2.0	0	11.7	AH	S
1551	8726/10	05 44 02.0	00 07 40	48	0.00694	0.00070	36802.3	149.2	77.8	9.9	7.6	0	15.3	H	
1552	5048/2	05 44 05.6	-10 02 40	52	*0.0085	0.0015	13553.2	42.3	15.7	5.6	0.9	1307	28.5		
1553	2222/1	05 44 09.2	-32 19 40	36	0.0337	0.0058	1535.7	38.3	5.7	5.8	1.4	0	0.7	H	S
1554	8726/11	05 44 10.9	00 04 22	38	0.01092	0.00080	36802.3	248.6	80.4	13.7	4.9	0	13.4	H	
1555	8726/12	05 44 18.9	00 18 17	48	0.0160	0.0012	36802.3	235.3	61.7	13.7	2.8	0	26.8	H	
1556	8726/13	05 44 24.1	00 04 28	51	0.00364	0.00056	36802.3	78.5	64.5	6.6	14.4	0	15.7	H	
1557	8726/14	05 44 30.6	-00 10 44	42	0.00235	0.00050	36802.3	54.9	79.1	4.7	0.9	0	13.1	H	
1558	8726/15	05 44 36.1	00 17 13	48	0.0128	0.0011	36802.3	182.5	54.5	11.9	3.5	0	27.5	H	
1559	5048/3	05 44 41.8	-09 41 32	42	0.00497	0.00096	13553.2	45.1	30.9	5.2	0.8	0	10.0		
1560	8726/16	05 44 43.9	-00 01 38	48	0.0237	0.0011	36802.3	499.5	72.5	20.9	1.4	0	16.6	H	
1561	2222/2	05 45 14.3	-32 11 33	51	0.0316	0.0063	1535.7	28.9	4.1	5.0	0.9	0	15.5	H	
1562	5048/4	05 45 23.4	-09 41 04	31	0.1072	0.0033	13553.2	1081.7	37.3	32.3	1.4	0	0.2	AH	S
	3129/1	05 45 23.9	-09 41 02	32	0.0816	0.0099	1148.8	69.8	2.2	8.2	1.4	0	0.2	AH	S
1563	8726/17	05 45 36.5	-00 12 60	53	0.00370	0.00077	36802.3	50.0	57.0	4.8	1.1	500	29.9	AH	
1564	2222/3	05 45 47.0	-31 53 17	51	*0.069	0.013	1535.7	33.1	2.9	5.5	1.8	906	32.7	H	
1565	6532/3	05 46 20.5	-69 44 44	56	0.0174	0.0044	3308.7	32.1	13.9	3.9	1.2	0	17.9	L	
1566	6301/7	05 46 31.8	-68 35 56	51	0.0089	0.0016	22483.8	73.0	51.0	5.3	1.2	100	28.4	L	*
1567	7860/1	05 46 36.5	-25 29 05	38	0.0295	0.0035	10430.7	214.4	214.6	8.3	6.8	0	6.4	AL	
	1834/1	05 46 36.5	-25 29 33	52	*0.049	0.011	910.0	20.7	2.3	4.3	3.3	601	23.7	AH	
1568	6301/8	05 47 15.7	-68 52 33	48	*0.0265	0.0022	22483.8	275.9	62.7	12.0	1.2	401	22.6	AL	
1569	5845/1	05 47 32.5	-71 09 48	50	0.0439	0.0066	2114.8	51.4	7.6	6.7	0.9	0	17.9	H	*
	5852/1	05 47 28.3	-71 10 00	55	*0.042	0.012	1159.7	14.8	2.2	3.6	1.1	907	33.0	AH	*
1570	5833/1	05 47 43.9	-69 42 32	51	*0.0225	0.0042	4407.6	36.6	10.4	5.3	2.7	803	29.2	H	SNR
1571	7109/5	05 47 51.8	-67 46 08	52	0.0069	0.0015	13372.6	38.3	31.7	4.6	0.8	0	25.4	H	
1572	8692/1	05 48 06.0	00 05 22	32	0.0386	0.0058	2994.0	85.9	34.1	6.5	1.4	0	0.5	AL	*
	871/1	05 48 02.6	00 04 55	51	0.0358	0.0065	1837.7	33.7	3.3	5.5	1.5	500	19.4	AH	*
1573	2462/1	05 48 21.0	-70 25 19	42	0.0407	0.0093	1419.4	34.5	11.5	4.2	1.2	0	14.5	AL	SNR
	5839/1	05 48 20.2	-70 26 02	51	*0.0463	0.0085	1265.3	31.7	2.3	5.4	1.0	805	18.8	AH	SNR
	5834/1	05 48 20.8	-70 25 35	50	0.0495	0.0066	3430.4	62.8	7.2	7.5	1.1	200	28.2	AH	SNR
	2467/2	05 48 23.8	-70 25 47	52	*0.0391	0.0086	1449.8	23.2	2.8	4.6	1.1	704	26.6	AH	SNR
1574	3069/1	05 48 49.2	-32 16 53	31	1.658	0.029	3865.6	4779.0	577.0	57.5	1.3	0	0.2	AL	BL
	7726/1	05 48 48.9	-32 17 01	31	1.521	0.039	2002.3	2272.8	295.2	39.4	1.3	0	0.3	AL	BL
	2707/1	05 48 49.8	-32 16 58	31	1.896	0.043	1902.1	2691.5	232.5	44.1	1.3	0	0.4	AL	BL
1575	7196/1	05 49 14.0	-07 31 51	42	0.00447	0.00094	12709.4	38.1	26.9	4.7	2.1	0	8.7		
1576	7196/2	05 49 25.5	-07 28 51	39	0.0106	0.0013	12709.4	95.2	32.8	8.4	1.1	0	5.2	AH	
	10473/1	05 49 24.0	-07 29 10	41	0.0144	0.0024	6075.9	62.0	19.0	5.8	0.9	0	5.6	AL	
1577	4347/1	05 49 26.7													

05^h49^m38.5^s — 06^h23^m18.4^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
1578	7196/3	05 49 38.5	-07 19 21	38	0.0146	0.0014	12709.4	125.2	28.8	10.1	2.7	0	8.8	AH	
	10473/2	05 49 36.6	-07 19 21	41	0.0137	0.0027	6075.9	56.9	30.1	5.0	1.0	0	9.0	AL	
1579	7196/4	05 49 47.4	-07 27 56	31	0.0560	0.0025	12709.4	531.4	29.6	22.4	1.1	0	0.4	AH	
	10473/3	05 49 46.0	-07 27 56	31	0.0476	0.0040	6075.9	215.5	38.5	11.7	1.1	0	0.2	AH	
1580	7196/5	05 50 19.7	-07 50 60	54	*0.0056	0.0013	12709.4	31.4	18.6	4.4	0.8	703	24.3	H	
1581	2476/1	05 50 36.3	-66 37 28	51	0.0495	0.0079	2088.4	43.4	4.6	6.3	1.2	0	25.1	H	SY
1582	7196/6	05 51 07.2	-07 20 17	50	*0.0121	0.0015	12709.4	76.5	15.5	8.0	1.0	906	21.6	H	
1583	6380/1	05 51 11.5	46 25 60	31	0.431	0.021	1329.4	426.9	5.1	20.5	1.2	0	0.4	H	SY
1584	4347/2	05 51 24.7	20 16 12	31	0.272	0.016	1519.1	306.5	3.5	17.4	1.7	0	0.8	H	S
1585	5833/2	05 51 32.4	-69 54 52	53	0.0105	0.0024	4407.6	26.7	12.3	4.3	0.8	0	15.9	H	*
1586	3109/1	05 52 06.9	-04 04 30	43	0.0170	0.0039	1890.8	21.6	3.4	4.3	1.0	0	9.0	H	
1587	5833/3	05 53 00.9	-69 49 41	42	0.0133	0.0025	4407.6	40.1	15.9	5.4	0.8	0	7.8	H	*
1588	5482/1	05 53 02.5	-14 23 10	51	0.0310	0.0052	2590.4	40.7	5.3	6.0	1.1	0	20.1	H	
1589	5833/4	05 53 15.4	-69 26 59	47	0.0079	0.0022	4407.6	20.6	13.4	3.5	0.9	0	14.3	H	*
1590	5482/2	05 53 29.4	-14 00 34	41	0.0287	0.0045	2590.4	44.8	5.2	6.3	0.9	0	13.6	H	
1591	5834/2	05 53 57.0	-70 25 23	45	0.0101	0.0027	3430.4	20.9	11.1	3.7	0.9	0	13.4	H	
1592	5482/3	05 54 09.0	-14 10 31	32	0.0423	0.0049	2590.4	81.7	6.3	8.7	1.4	0	0.4	H	
1593	5065/1	05 54 52.1	26 13 56	51	0.0135	0.0026	4480.2	34.4	8.6	5.2	0.8	400	17.2	H	
1594	5482/4	05 55 06.7	-14 14 51	42	0.0186	0.0038	2590.4	29.1	5.9	4.9	0.9	0	14.9	H	
1595	5183/1	05 59 07.4	23 10 51	51	0.0246	0.0041	4372.0	43.2	8.8	6.0	2.4	0	27.0	H	
1596	4894/1	05 59 37.9	09 39 04	32	0.0729	0.0083	1475.5	80.2	3.8	8.7	1.3	0	0.2	H	S
1597	5167/1	05 59 55.2	-40 16 34	48	0.0355	0.0035	7253.3	151.5	18.5	10.1	0.9	0	15.7	L	
1598	3197/1	06 00 39.1	31 20 08	32	0.0508	0.0064	1782.8	67.5	4.5	8.0	1.1	0	0.2	H	CV
1599	5183/2	06 01 05.5	23 16 08	37	0.0082	0.0019	4372.0	26.7	13.3	4.2	1.3	0	0.4	H	
1600	5167/2	06 01 15.0	-40 18 35	52	0.0163	0.0030	7253.3	46.5	9.5	5.3	0.9	0	27.8	H	
1601	5183/3	06 02 43.8	23 15 17	50	0.0345	0.0044	4372.0	68.6	8.4	7.8	1.3	0	23.1	L	
1602	10684/1	06 05 27.6	-08 41 32	43	0.0084	0.0022	5893.9	33.8	22.2	3.6	0.6	0	7.4	AH	
1603	7287/1	06 05 35.4	-08 34 07	35	0.0324	0.0049	2023.8	49.0	6.0	6.6	1.1	0	0.9	AH	
	10684/2	06 05 35.8	-08 34 10	32	0.0163	0.0028	5893.9	71.7	36.3	5.7	1.0	0	0.4	AL	
	7288/1	06 05 36.2	-08 34 09	35	0.0364	0.0056	1724.3	46.6	4.4	6.5	1.0	0	0.4	AH	
1604	4583/1	06 06 21.6	20 40 04	47	0.0067	0.0019	4528.3	20.1	11.9	3.6	0.7	0	10.6	H	
1605	4583/2	06 06 43.3	20 30 25	37	0.0061	0.0017	4528.3	20.7	13.3	3.6	1.1	0	0.8	H	
1606	10306/1	06 06 54.7	-21 57 52	50	*0.0181	0.0022	9533.2	81.6	14.4	8.3	1.2	1309	22.7	H	
1607	3479/1	06 07 16.2	22 35 04	51	*0.0366	0.0065	2122.9	34.0	3.0	5.6	1.1	703	25.4	H	
1608	10685/1	06 07 25.7	-15 41 55	32	0.0292	0.0033	6215.6	135.4	36.6	8.8	1.1	0	0.4	AL	QQQ
	7289/1	06 07 27.8	-15 41 51	37	0.0202	0.0051	1288.7	19.4	4.6	4.0	0.7	0	0.8	AH	
	7290/1	06 07 30.5	-15 41 41	37	0.0242	0.0050	1578.5	28.3	5.7	4.8	1.3	0	0.7	AH	QQQ
1609	10306/2	06 07 28.8	-21 59 07	55	0.0056	0.0014	9533.2	30.8	25.2	4.1	0.8	0	16.2	H	
1610	10306/3	06 07 45.0	-21 45 21	42	0.0077	0.0014	9533.2	48.4	33.6	5.4	0.7	0	11.4	H	
1611	6704/1	06 07 54.6	71 08 18	41	0.0373	0.0059	1743.3	43.2	3.8	6.3	0.9	0	10.7	AH	
1612	7197/1	06 08 00.5	71 08 33	43	0.0169	0.0042	1818.3	20.0	5.0	4.0	0.8	0	10.8	AH	
1613	5970/1	06 08 06.8	-19 58 02	52	0.0065	0.0018	10178.3	37.3	32.7	3.5	0.7	0	17.2	L	
1614	10306/4	06 08 09.5	-20 06 43	47	0.0054	0.0015	10178.3	36.1	29.9	3.5	0.4	0	10.8	H	
1615	10306/5	06 08 23.4	-21 24 21	48	0.0232	0.0027	9533.2	92.2	23.8	8.6	1.0	0	26.0	H	
1616	4583/3	06 08 28.6	-21 50 28	35	0.0084	0.0014	9533.2	60.0	34.0	6.2	1.0	0	0.7	H	S
1617	5970/3	06 08 29.8	20 22 33	48	0.0658	0.0063	4528.3	118.1	8.9	10.5	1.2	0	26.5	H	
1618	5970/4	06 08 31.5	-20 20 18	41	0.0091	0.0018	10178.3	62.7	40.3	5.0	0.8	0	9.4	L	
1619	6704/2	06 08 59.5	-20 28 45	48	*0.0240	0.0033	10178.3	136.6	31.4	7.1	1.0	805	17.1	L	
	7197/2	06 09 50.8	71 02 60	36	0.0285	0.0050	1743.3	36.9	5.1	5.7	1.1	0	0.4	AH	
	7197/2	06 09 58.3	71 02 47	36	0.0226	0.0044	1818.3	30.6	5.4	5.1	1.1	0	0.4	AH	
1620	10306/6	06 10 03.0	-21 47 12	54	0.0058	0.0016	9533.2	25.6	22.4	3.7	1.2	0	22.5	H	G
1621	5970/5	06 10 33.9	-20 08 32	51	0.0165	0.0028	10178.3	72.0	34.0	5.8	1.1	0	24.5	L	
1622	7910/1	06 11 41.4	-00 35 02	51	*0.0294	0.0043	3446.1	51.1	4.9	6.8	1.0	803	20.6	H	
1623	5928/1	06 11 49.4	22 31 13	41	0.0167	0.0033	4612.4	52.5	22.5	5.0	1.1	0	8.0	L	
1624	4931/1	06 12 07.4	-59 19 23	56	*0.0110	0.0029	4467.2	19.5	7.5	3.8	1.1	904	27.1	H	
1625	7910/2	06 12 21.5	-00 19 03	47	0.0085	0.0024	3446.1	17.8	7.2	3.6	0.8	0	14.7	H	
1626	4500/1	06 12 34.9	28 36 20	32	0.0734	0.0060	2860.6	155.7	8.3	12.2	1.1	0	1.2	H	
1627	4500/2	06 12 51.4	28 33 06	39	0.0090	0.0025	2860.6	18.8	9.2	3.6	0.8	0	4.1	H	
1628	4500/3	06 14 04.7	28 52 22	55	*0.0140	0.0039	2860.6	16.6	4.4	3.6	1.0	1509	26.4	H	
1629	7910/3	06 14 20.9	-00 19 16	48	*0.0636	0.0064	3446.1	102.7	5.3	9.9	1.0	906	22.4	H	
1630	10203/1	06 15 41.3	-10 22 04	51	*0.0151	0.0023	10705.2	53.1	14.9	6.4	1.5	906	32.0	H	
1631	5304/1	06 16 05.4	13 47 52	44	0.0225	0.0056	1235.2	18.7	3.3	4.0	0.9	0	9.8	H	
1632	4931/2	06 16 38.8	-59 23 20	52	0.0078	0.0021	4467.2	20.7	10.3	3.7	0.7	0	15.3	H	
1633	4931/3	06 17 02.6	-58 47 32	51	0.0210	0.0038	4467.2	37.8	9.2	5.5	1.3	0	26.8	H	
1634	5304/2	06 18 00.9	13 26 35	52	*0.062	0.013	1235.2	26.3	2.7	4.9	1.3	603	29.9	H	
1635	10203/2	06 18 12.4	-10 28 58	41	0.0101	0.0014	10705.2	68.9	27.1	7.0	1.0	0	11.9	H	
1636	5169/1	06 19 22.7	-64 58 45	48	0.0227	0.0029	8651.5	110.2	36.8	7.6	12.4	0	17.0	L	
1637	7896/1	06 20 32.4	-17 55 38	35	0.0604	0.0078	1403.6	63.2	3.8	7.7	1.7	0	0.7	H	S
1638	6960/1	06 20 37.4	-52 40 02	48	0.0301	0.0024	11769.6	183.5	29.5	12.6	3.6	0	20.1	aH	CLG
1639	847/1	06 20 47.5	-52 42 30	53	0.0243	0.0056	1657.7	21.6	3.4	4.3	2.6	100	18.4	aH	
1640	5169/2	06 22 15.6	-64 54 36	30	0.0169	0.0027	8651.5	104.3	81.7	6.2	11.2	0	4.6	L	
1641	6960/2	06 22													

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
1648	6960/5	06 23 18.4	-53 04 36	51	*0.0116	0.0017	11769.6	58.4	14.6	6.8	1.3	1108	24.7	AH	CLG
1649	6960/6	06 23 38.3	-52 38 60	42	0.0071	0.0012	11769.6	57.7	37.3	5.9	35.1	0	7.4	H	
1650	6064/1	06 23 47.4	-55 37 29	51	*0.0108	0.0016	12039.8	61.1	23.9	6.6	1.0	601	22.1	H	
1651	6064/2	06 24 08.6	-55 41 10	55	0.0058	0.0014	12039.8	30.1	25.9	4.0	0.8	0	24.1	H	
1652	6064/3	06 24 18.5	-55 18 48	38	0.0260	0.0019	12039.8	220.2	38.8	13.7	1.7	0	5.8	AH	
1653	4676/1	06 24 19.3	-55 19 10	51	0.0176	0.0025	10925.3	72.6	30.4	7.2	2.0	200	27.8	AH	
1654	6960/7	06 24 25.3	-52 23 04	51	0.0092	0.0016	11769.6	51.1	31.9	5.6	0.9	0	22.5	H	
1655	4676/2	06 24 39.3	-55 34 39	66	*0.0051	0.0014	10925.3	28.3	28.7	3.8	0.7	906	19.9	H	
1656	6064/4	06 25 11.3	-55 42 33	54	0.0056	0.0014	12039.8	28.9	27.1	3.9	0.8	0	24.7	H	
1657	6960/8	06 25 16.8	-52 28 14	51	0.0098	0.0018	11769.6	48.5	26.5	5.6	1.0	0	25.2	H	
1658	289/1	06 25 25.7	-53 39 09	48	*0.0306	0.0082	7170.1	76.2	76.8	3.6	6.2	1003	30.9	L	
1659	6064/5	06 25 28.5	-55 32 39	52	0.0063	0.0012	12039.8	44.0	32.0	5.0	1.0	0	15.4	AH	
1660	4676/3	06 25 32.0	-55 32 49	43	0.0061	0.0013	10925.3	41.4	35.6	4.7	0.7	0	12.6	AH	
1661	8309/1	06 25 54.1	-53 27 32	42	0.0109	0.0027	5876.7	43.6	34.4	3.9	43.8	0	8.6	L	
1662	5485/1	06 25 55.2	-03 05 08	54	*0.0120	0.0030	3662.1	19.8	5.2	4.0	0.9	1109	23.5	AH	
1663	4676/4	06 26 15.1	-56 05 37	83	0.0080	0.0020	10925.3	29.6	26.4	4.0	0.9	0	31.2	L	
1664	6065/1	06 26 32.1	-56 46 48	58	0.0148	0.0039	3773.3	19.9	7.1	3.8	0.9	0	30.2	H	
1665	6064/6	06 26 40.4	-55 27 31	52	*0.0058	0.0012	12039.8	38.7	27.3	4.8	0.9	806	17.1	H	
1666	5485/2	06 26 53.0	-02 46 22	31	0.0958	0.0060	3662.1	260.6	8.4	15.9	1.5	0	0.4	S	
1667	6737/1	06 27 13.8	-19 57 14	34	0.0079	0.0013	22234.7	130.7	161.3	6.1	0.7	0	0.1	L	
1668	5485/3	06 27 18.3	-02 45 24	42	0.0141	0.0026	3662.1	35.8	7.2	5.5	1.2	0	7.1	H	
1669	6064/7	06 27 21.3	-55 39 13	53	*0.0074	0.0017	12039.8	32.1	22.9	4.3	0.9	703	29.2	AH	
1670	7837/1	06 27 23.9	05 47 54	42	0.0127	0.0029	2940.3	24.9	8.1	4.3	0.9	0	10.1	AH	
1671	5060/1	06 27 24.2	05 47 43	43	0.0182	0.0043	1756.1	21.4	4.6	4.2	0.8	0	10.0	AH	
1672	6737/2	06 27 29.8	-19 45 36	39	0.0108	0.0015	22234.7	154.8	139.2	7.3	0.8	0	12.0	L	
1673	4613/1	06 27 42.2	24 59 16	43	0.0085	0.0023	3733.0	21.4	11.6	3.7	0.7	0	9.1	L	
1674	6737/3	06 28 04.1	-20 10 25	48	0.0414	0.0025	22234.7	492.8	139.2	16.2	1.0	500	17.8	L	
1675	8309/2	06 28 07.5	-53 29 30	63	0.0112	0.0029	5876.7	25.0	6.0	3.7	0.6	0	27.9	L	
1676	5060/2	06 28 12.5	06 01 51	41	0.0392	0.0061	1756.1	46.7	5.3	6.5	1.5	0	8.6	H	
1677	4613/2	06 28 18.3	25 03 24	31	0.0858	0.0057	3733.0	238.6	12.4	15.1	2.6	0	0.2	H	
1678	7237/1	06 28 19.4	10 27 38	56	*0.0062	0.0015	12169.2	28.8	22.2	4.0	1.3	1009	26.4	AH	
1679	4676/5	06 28 38.9	-55 41 56	55	0.0054	0.0013	10925.3	34.6	38.4	4.1	0.6	0	15.4	H	
1680	7237/2	06 28 42.0	10 37 36	52	*0.0075	0.0013	12169.2	47.1	22.9	5.6	0.8	703	19.2	AH	
1681	6737/4	06 28 56.3	-20 07 30	55	0.0077	0.0019	22234.7	69.2	115.8	4.0	1.0	0	26.1	L	
1682	7965/1	06 29 05.2	06 49 27	48	*0.0808	0.0080	3671.5	106.5	5.5	10.1	1.1	1308	30.5	AH	
1683	1186/1	06 29 06.8	04 56 10	43	0.0079	0.0020	4675.9	25.2	14.8	4.0	7.5	0	9.0	H	
1684	7897/1	06 29 14.2	-23 28 59	39	0.0098	0.0014	11487.1	76.1	41.9	7.0	0.9	0	9.6	H	
1685	1186/2	06 29 16.0	04 58 27	39	0.0284	0.0032	4675.9	92.4	14.6	8.9	2.3	0	7.8	H	
1686	7897/2	06 29 20.4	-23 08 55	51	0.0071	0.0013	11487.1	48.6	32.4	5.4	0.7	0	15.4	H	
1687	1186/3	06 29 31.9	04 51 56	36	0.0111	0.0021	4675.9	37.6	14.4	5.2	0.9	0	3.0	H	
1688	1186/4	06 29 34.2	04 58 43	42	0.0125	0.0022	4675.9	42.3	14.7	5.6	5.2	0	5.1	H	
1689	7237/3	06 29 39.0	10 52 25	42	0.0068	0.0012	12169.2	51.6	34.4	5.6	0.9	0	13.7	S	
1690	7897/3	06 29 46.7	-23 22 52	31	0.0495	0.0025	11487.1	423.1	43.9	19.6	1.3	0	0.2	H	
1691	7237/4	06 29 48.8	10 16 22	54	0.0070	0.0015	12169.2	37.4	23.6	4.8	1.5	0	23.8	AH	
1692	5034/1	06 29 45.8	10 16 28	47	0.0107	0.0030	2439.7	17.5	7.5	3.5	0.9	0	9.1	AH	
1693	7237/5	06 29 54.5	10 12 48	52	0.0061	0.0016	12169.2	28.7	28.3	3.8	0.8	0	27.1	H	
1694	3332/1	06 30 26.5	18 48 11	42	0.0164	0.0033	3030.8	31.9	9.1	5.0	0.9	0	11.4	H	
1695	6063/1	06 30 44.7	-53 51 45	41	0.0129	0.0019	6958.8	62.5	26.5	6.6	1.3	0	8.7	H	
1696	7237/6	06 30 45.2	10 26 47	57	0.0040	0.0011	12169.2	26.6	26.4	3.7	0.9	0	16.8	H	
1697	7838/1	06 30 48.2	05 04 39	56	0.0138	0.0039	2176.5	17.6	6.4	3.6	0.8	100	15.3	H	
1698	7965/2	06 30 52.7	06 11 16	54	0.0106	0.0027	3671.5	21.6	8.4	3.9	0.7	0	16.2	H	
1699	7897/4	06 30 57.0	-23 07 05	58	*0.0049	0.0013	11487.1	26.0	25.0	3.6	0.9	601	22.8	H	
1700	6063/2	06 30 57.2	-54 02 34	31	0.1333	0.0053	6958.8	664.1	20.9	25.4	1.2	0	4.8	H	
1701	7965/3	06 30 60.0	06 34 41	47	0.0094	0.0025	3671.5	20.9	9.1	3.8	1.6	0	14.3	AH	
1702	10371/1	06 31 00.6	17 48 48	38	0.0892	0.0044	7747.9	427.1	18.9	20.2	1.4	0	13.5	AH	
1703	3333/1	06 31 00.5	17 48 44	38	0.0785	0.0076	2328.6	111.7	5.3	10.3	1.3	0	13.5	AH	
1704	7237/7	06 31 02.7	10 44 17	51	*0.0081	0.0013	12169.2	56.6	28.4	6.1	1.0	703	16.2	H	
1705	7965/4	06 31 05.6	06 32 45	48	0.0094	0.0025	3671.5	20.8	9.2	3.8	1.9	0	14.2	H	
1706	10371/2	06 31 13.7	18 02 11	43	0.0067	0.0015	7747.9	35.6	25.4	4.6	0.9	0	9.0	S	
1707	7897/5	06 31 18.0	-23 07 21	55	0.0063	0.0017	11487.1	29.4	30.6	3.8	1.3	0	26.3	H	
1708	10371/3	06 31 34.3	18 20 03	55	*0.0111	0.0020	7747.9	40.3	12.7	5.5	1.3	906	23.2	H	
1709	4557/1	06 31 43.9	-62 17 04	57	*0.038	0.011	1499.6	14.9	3.1	3.5	1.4	601	30.0	EH	
1710	6063/3	06 32 16.3	-53 51 04	51	0.0098	0.0019	6958.8	38.1	17.9	5.1	1.1	0	18.0	H	
1711	10206/1	06 33 07.5	16 50 39	63	*0.0150	0.0040	4383.5	19.3	7.7	3.7	1.1	1003	34.5	H	
1712	7834/1	06 33 16.3	07 57 46	38	0.143	0.011	1790.3	167.6	5.4	12.7	1.0	0	11.0	H	
1713	7966/1	06 33 17.9	07 38 53	56	0.0078	0.0021	5543.9	21.9	13.1	3.7	0.8	0	21.6	SNR	
1714	8494/1	06 33 53.2	-74 49 30	55	0.0114	0.0027	7479.6	32.6	27.4	4.2	1.1	200	27.8	H	
1715	6305/1	06 34 08.5	-20 15 24	58	*0.0075	0.0021	4368.2	17.5	6.5	3.6	0.9	906	18.9	H	
1716	6305/2	06 34 23.2	-20 48 22	39	0.0379	0.0040	4368.2	98.2	8.8	9.5	1.0	0	14.3	H	
1717	3050/1	06 34 42.4	06 10 43	32	0.0977	0.0087	1837.3	133.6	6.4	11.3	1.1	0	0.4	H	
1718	3049/1	06 34 50.8	16 26 53	32	0.0528	0.0044	3917.1	153.9	13.1	11.9	1.4	0	0.2	AH	
1719	10206/2	06 34 49.3	16 26 39	32	0.0373	0.0036	4383.5	121.6	17.4	10.3	1.2	0	0.2	S	
1720	3334/1	06 34 52.4	18 14 39	56	*0.0139	0.0040	3079.3	15.3	3.7	3.5					

Number		Position			Intensity		Detection Params.					Flags			
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±	LIVE- TIME	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R (')	SRC	ID
1720	8494/4	06 37 26.7	-75 13 38	31	0.1491	0.0053	7479.6	830.0	44.0	28.1	1.2	0	0.4	AH	Q
	5404/1	06 37 24.1	-75 13 34	31	0.262	0.016	1371.2	268.3	4.7	16.2	1.1	0	0.2	AH	Q
1721	7833/1	06 37 38.8	08 38 36	42	0.0366	0.0073	1180.0	28.9	4.1	5.0	0.9	0	10.1	AH	H
1722	5089/1	06 38 00.6	09 52 07	36	0.0227	0.0044	2052.3	33.2	7.8	5.2	9.8	0	4.4	AH	S
	5088/1	06 37 59.4	09 52 36	37	0.0333	0.0077	906.8	21.5	3.5	4.3	1.0	0	4.7	AH	S
	7831/1	06 37 59.5	09 52 24	51	*0.0296	0.0055	2012.8	32.6	4.4	5.4	7.9	1109	17.8	AH	S
1723	5089/2	06 38 13.6	09 56 43	32	0.1066	0.0086	2052.3	163.1	7.9	12.5	2.1	0	0.9	AH	S
	7831/2	06 38 13.3	09 56 49	38	0.1124	0.0097	2012.8	139.3	5.7	11.6	2.1	0	13.4	AH	S
	10255/1	06 38 13.6	09 56 49	48	*0.0813	0.0078	7686.6	280.5	107.8	10.3	1.7	602	24.4	AL	S
	5088/2	06 38 13.9	09 57 02	32	0.190	0.017	906.8	128.5	3.5	11.2	1.6	0	1.3	AH	S
	5090/1	06 38 14.6	09 56 46	32	0.102	0.010	1455.4	110.9	7.1	10.2	1.9	0	0.9	AH	S
1724	10255/2	06 38 24.9	09 30 15	31	0.0280	0.0033	7686.6	157.8	82.2	8.4	4.0	0	2.4	AL	S
	5089/3	06 38 25.2	09 30 36	51	0.0355	0.0070	2052.3	29.9	5.1	5.1	2.1	0	25.7	AH	S
	5090/2	06 38 26.1	09 30 18	55	0.0318	0.0082	1455.4	18.7	4.3	3.9	2.4	0	26.2	AH	S
1725	8494/5	06 39 30.0	-75 35 60	48	*0.0761	0.0049	7479.6	261.0	23.0	15.5	1.1	907	23.6	H	S
1726	5307/1	06 40 49.3	05 54 00	56	*0.0203	0.0050	3316.8	21.1	5.9	4.1	1.5	703	33.3	AH	S
	1183/1	06 40 45.6	05 53 45	55	*0.0147	0.0041	2444.6	16.8	5.2	3.6	1.0	1003	22.4	A	S
1727	9254/1	06 41 22.1	-02 02 28	37	0.0071	0.0018	4575.0	23.3	11.7	3.9	1.0	0	4.8	H	S
1728	9254/2	06 41 45.8	-01 34 20	55	*0.0104	0.0026	4575.0	20.9	6.1	4.0	1.1	805	25.1	H	S
1729	3712/1	06 42 54.4	44 54 34	32	0.0241	0.0024	6674.9	120.0	21.0	10.1	1.0	0	0.4	H	Q
1730	10184/1	06 42 57.5	-16 39 29	38	0.325	0.013	7179.5	1565.3	957.7	25.8	3.3	0	8.9	AL	S
	6963/1	06 42 56.4	-16 38 52	31	0.524	0.021	3133.6	1190.6	470.4	24.7	1.8	0	3.7	AL	S
	837/1	06 42 56.7	-16 39 26	31	0.229	0.021	1918.6	327.4	272.6	10.8	2.7	0	1.1	AL	S
	6962/1	06 42 57.0	-16 38 54	31	0.425	0.019	3419.9	1047.5	525.5	22.0	2.9	0	3.7	AL	S
	10183/1	06 42 57.9	-16 39 29	38	0.311	0.013	6226.1	1309.3	845.7	23.3	3.8	0	9.1	AL	S
1731	10183/2	06 43 04.8	-16 48 19	31	0.621	0.014	6226.1	2885.8	278.2	45.4	2.9	0	0.5	AL	S
	6962/2	06 43 02.0	-16 48 15	38	0.580	0.019	3419.9	1217.8	48.2	30.6	3.1	0	13.0	AL	S
	6963/2	06 43 02.1	-16 48 18	38	0.442	0.017	3133.6	860.4	23.6	25.9	1.1	0	13.1	AL	S
	837/2	06 43 03.6	-16 48 01	39	0.0501	0.0082	1918.6	65.2	18.8	6.0	1.3	0	9.4	AL	S
	10184/2	06 43 04.6	-16 48 23	31	0.467	0.011	7179.5	2503.1	258.9	42.1	3.4	0	0.4	AL	S
1732	3712/2	06 43 28.2	44 43 04	42	0.0087	0.0018	6674.9	36.9	19.1	4.9	0.9	0	13.1	H	S
1733	7128/1	06 45 30.1	53 31 48	52	*0.0320	0.0067	1679.9	25.8	3.2	4.8	1.3	603	21.9	H	S
1734	10307/1	06 45 46.0	01 16 51	35	0.0141	0.0027	5706.7	60.1	34.9	5.0	1.0	0	0.4	H	S
1735	5488/1	06 48 09.4	-50 42 05	42	0.0166	0.0032	3010.9	33.4	8.6	5.2	0.9	0	10.2	L	*
1736	7641/1	06 48 35.8	-07 07 49	51	0.0129	0.0027	4006.8	30.1	9.9	4.8	0.8	0	15.5	A	S
	9941/1	06 48 37.0	-07 07 34	52	0.0086	0.0023	4193.4	21.2	11.8	3.7	0.9	100	15.5	AH	S
1737	9937/1	06 49 49.1	-07 19 45	51	0.0183	0.0033	5290.7	38.9	9.1	5.6	1.0	500	27.2	H	S
1738	5490/1	06 49 50.6	-05 06 34	36	0.0304	0.0053	1626.5	36.9	4.1	5.8	1.4	0	0.8	H	S
1739	5490/2	06 49 53.7	-05 14 46	41	0.0423	0.0064	1626.5	47.1	3.9	6.6	1.0	0	7.6	H	S
1740	5490/3	06 50 26.5	-05 20 49	52	0.0251	0.0056	1626.5	22.9	3.1	4.5	1.0	0	16.4	H	S
1741	7872/1	06 51 29.0	-23 35 18	56	0.0044	0.0012	9738.4	23.0	19.0	3.6	0.7	300	18.7	H	S
1742	7872/2	06 51 44.4	-24 01 06	44	0.0047	0.0012	9738.4	29.8	28.2	3.9	1.0	0	10.8	H	S
1743	7872/3	06 52 07.4	-23 51 55	31	0.0385	0.0024	9738.4	279.8	27.2	16.0	1.1	0	0.2	AH	S
	2282/1	06 52 07.1	-23 51 51	35	0.0147	0.0033	4004.6	43.7	24.3	4.3	0.9	0	1.3	AL	S
	2281/1	06 52 08.8	-23 51 50	32	0.0653	0.0056	3022.0	146.6	11.4	11.7	1.0	0	0.9	AH	S
1744	7872/4	06 52 16.9	-23 46 34	43	0.0041	0.0011	9738.4	28.4	28.6	3.8	0.6	0	5.9	H	S
1745	2281/2	06 54 17.0	-23 59 37	56	*0.0169	0.0046	3022.0	17.4	4.6	3.7	0.9	602	29.9	H	S
1746	3353/1	06 54 19.2	-10 02 52	51	*0.0261	0.0039	4137.6	49.4	5.6	6.7	0.9	1106	23.1	H	S
1747	4624/1	06 54 41.2	-05 43 11	43	0.0155	0.0039	2033.4	18.9	3.1	4.0	1.3	0	13.2	H	S
1748	9961/1	06 54 44.4	-55 38 31	52	0.0284	0.0069	1891.2	20.9	5.1	4.1	1.0	0	28.3	H	S
1749	4624/2	06 55 25.6	-05 23 01	47	0.0137	0.0037	2033.4	16.9	4.1	3.7	1.0	0	14.0	H	S
1750	2621/1	06 55 36.5	54 15 57	32	0.189	0.018	793.1	110.5	2.5	10.4	1.2	0	1.1	H	S
1751	5999/1	06 55 39.5	28 47 09	38	0.0511	0.0032	9223.8	278.0	24.0	16.0	1.2	0	14.8	H	S
1752	3338/1	06 55 49.7	-07 08 46	36	0.0405	0.0081	989.4	28.9	4.1	5.0	0.9	0	4.5	H	S
1753	3353/2	06 56 20.0	-09 47 28	55	*0.0076	0.0021	4137.6	17.9	7.1	3.6	0.8	806	16.8	H	S
1754	9961/2	06 56 28.1	-55 46 00	43	0.0166	0.0043	1891.2	20.5	7.5	3.9	0.7	0	11.6	H	S
1755	2486/1	06 56 56.9	14 18 50	38	0.227	0.014	1755.0	278.1	4.9	16.5	2.0	0	6.0	H	*
1756	5999/2	06 57 00.8	28 51 49	37	0.0047	0.0012	9223.8	31.2	32.8	3.9	0.6	0	4.9	H	S
1757	5999/3	06 57 02.7	29 20 53	55	0.0086	0.0020	9223.8	30.7	20.3	4.3	1.1	100	27.8	H	S
1758	5999/4	06 57 03.9	28 34 52	56	*0.0062	0.0014	9223.8	30.0	15.0	4.5	0.8	804	20.0	H	S
1759	9961/3	06 57 29.3	-55 52 36	32	0.1218	0.0095	1891.2	171.6	8.4	12.8	2.1	0	0.4	AH	S
	7129/1	06 57 34.0	-55 52 37	52	*0.100	0.021	1003.7	24.3	1.7	4.8	1.9	906	36.3	A	S
1760	8955/1	06 57 32.3	75 18 11	52	0.0187	0.0036	4197.1	34.0	8.0	5.2	1.2	0	24.4	H	S
1761	8955/2	06 57 37.2	75 29 04	48	0.0731	0.0064	4197.1	137.4	8.6	11.4	1.3	0	23.2	H	S
1762	5276/1	06 57 50.8	-27 39 13	54	*0.0160	0.0040	3078.0	19.5	4.5	4.0	1.1	1109	27.7	H	S
1763	5276/2	06 58 27.4	-27 55 50	48	0.0832	0.0071	3078.0	143.5	5.5	11.8	1.2	0	17.4	H	S
1764	5932/1	06 58 32.0	63 50 21	56	*0.0084	0.0021	8435.4	22.9	11.1	3.9	2.0	704	30.6	H	S
1765	5999/5	06 58 46.9	28 57 04	52	0.0087	0.0020	9223.8	31.3	19.7	4.4	0.8	0	28.1	H	S
1766	3335/1	06 59 25.9	-05 21 40	47	0.0133	0.0036	2019.4	16.8	4.2	3.7	0.9	0	12.6	H	S
1767	3553/1	06 59 48.9	63 23 15	35	0.0528	0.0066	1746.6	68.8	5.2	8.0	2.8	0	0.4	H	CLG
1768	3133/1	07 00 06.2	-24 11 21	50	0.105	0.014	1612.6	62.7	2.3	7.8	1.2	0	28.1	H	S
1769	3553/2	07 00 47.6	63 38 10	48	0.0893	0.0097	1746.6	88.8	4.2	9.2	1.2	0	16.8	H	S
1770	3198/1	07 00 50.2	-05 39 42	35	0.0344	0.0045	2483.4	63.7	5.3	7.7	1.0	0	0.7	AH	S
	3335/2	07 00 51.8	-05 39 46	51	0.0394	0.0073	2019.4	31.9	3.1	5.4	1.0	0	27.6	AH	S
1771	10726/1	07 01 35.1	-11 24 12	43	0.0068	0.0017	6200.5	28.7	20.3	4.1	0.7	0	8.7	H	S
1772	10726/2	07 01 42.6	-11 19 01	36	0.0080	0.0017	6200.5	35.7	23.3	4.7	1.2	0	4.2	H	S
1773	10726/3	07 01 44.5	-11 21 48	47	0.0055	0.0015	6200.5	24.3	21.7	3.6	2.0	0	5.3	H	S
1774	10726/4	07 01 47.1	-11 14 38	36	0.0102	0.0018	6200.5	45.6	20.4	5.6	0.8	0	4.5	H	S
1775	10726/5	07 02 01.1	-11 26 45	47	0.0061	0.0016	6200.5	25.6	19.4	3.8	0.7	0	9.0	H	S
1776	10727/1	07 02 56.1	-12 14 60	52	0.0103	0.0019	6979.8</								

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
1777	5156/1	07 04 40.6	15 27 03	39	0.0167	0.0017	11842.1	120.4	34.6	9.7	1.0	0	13.7	H	
1778	5156/2	07 04 51.6	15 15 10	36	0.0049	0.0011	11842.1	41.9	48.1	4.4	0.9	0	4.4	H	
1779	5156/3	07 05 12.5	15 44 17	52	*0.0110	0.0023	11842.1	41.6	31.4	4.9	1.1	703	28.7	EH	
1780	1836/1	07 05 23.0	48 41 43	36	0.057	0.011	735.0	31.1	2.9	5.3	1.0	0	1.2	H	CLG
1781	4424/1	07 05 37.3	-26 24 00	48	0.0054	0.0014	7654.6	26.7	24.3	3.7	1.8	0	10.9	H	
1782	5493/1	07 06 37.8	38 37 28	32	0.0408	0.0043	3238.2	98.7	10.3	9.4	1.4	0	0.2	H	
1783	4424/2	07 06 44.6	-25 52 08	58	0.0077	0.0021	7654.6	23.8	17.2	3.7	1.1	0	27.3	H	
1784	6907/1	07 08 16.4	-16 32 35	52	0.0213	0.0049	1851.6	23.1	4.9	4.4	0.9	0	16.7	AH	
	5972/1	07 08 13.1	-16 32 57	56	0.0149	0.0040	2785.2	18.3	5.7	3.7	1.2	0	23.6	AH	
1785	6907/2	07 08 19.3	-17 13 35	51	0.0565	0.0088	1851.6	44.2	3.8	6.4	1.1	0	24.4	AH	S
1786	4424/3	07 08 34.4	-26 20 53	48	*0.0465	0.0049	7654.6	103.8	14.2	9.6	1.2	804	29.8	EH	
1787	6645/1	07 09 22.8	85 50 15	47	0.0149	0.0038	1939.7	19.8	6.2	3.9	0.9	0	7.3	H	
1788	5494/1	07 09 46.5	-46 44 50	52	0.0081	0.0019	8185.2	28.2	15.8	4.3	0.7	100	24.4	H	
1789	5494/2	07 10 04.5	-46 31 12	51	0.0157	0.0024	8185.2	57.2	16.8	6.6	0.9	0	23.3	H	
1790	490/1	07 10 15.1	11 51 24	37	0.0153	0.0038	1744.0	19.9	5.1	4.0	0.8	0	0.2	H	Q
1791	3199/1	07 10 22.2	73 25 25	35	0.0370	0.0061	1507.8	41.6	5.4	6.1	0.9	0	0.2	H	CV
1792	5494/3	07 11 10.8	-46 40 39	39	0.0198	0.0021	8185.2	107.2	21.8	9.4	1.4	0	10.0	H	S
1793	1347/1	07 11 49.7	-10 18 03	52	*0.0307	0.0065	1660.3	24.5	2.5	4.7	1.1	804	21.3	H	S
1794	5494/4	07 12 32.4	-46 55 12	42	0.0069	0.0015	8185.2	34.3	21.7	4.6	0.8	0	14.8	H	
1795	4620/1	07 12 42.2	53 28 09	37	0.0163	0.0039	1815.6	22.1	5.9	4.2	1.6	0	0.9	H	
1796	5495/1	07 12 49.1	-26 56 52	51	0.0445	0.0093	987.9	25.2	2.8	4.8	1.1	0	15.9	H	
1797	4133/1	07 13 08.5	-30 06 14	52	*0.0444	0.0095	2085.3	25.1	3.9	4.7	1.6	804	35.6	H	
1798	5494/5	07 13 19.2	-46 45 26	39	0.0172	0.0020	8185.2	89.2	22.8	8.4	0.9	0	12.9	H	
1799	3554/1	07 13 28.9	37 00 08	42	0.0176	0.0038	2478.8	26.0	6.0	4.6	0.8	0	14.6	H	*
1800	5494/6	07 13 36.3	-46 36 32	51	0.0059	0.0015	8185.2	28.3	21.7	4.0	0.6	0	15.7	H	
1801	6645/2	07 15 41.2	85 48 52	36	0.0211	0.0043	1939.7	29.9	7.1	4.9	0.9	0	2.5	H	G
1802	5120/1	07 16 14.1	71 26 19	32	0.0700	0.0059	2819.3	146.9	9.1	11.8	1.1	0	0.2	H	BL
1803	8379/1	07 16 35.2	-24 28 05	31	0.0144	0.0011	23503.4	252.2	102.8	13.4	1.0	0	0.2	AH	
	5093/1	07 16 36.9	-24 28 02	52	0.0231	0.0051	2355.1	24.2	4.8	4.5	0.8	0	23.9	AH	
	5091/1	07 16 37.4	-24 27 42	55	0.0194	0.0052	2034.1	17.4	4.6	3.7	0.9	0	0.9	AH	
1804	5093/2	07 16 40.5	-24 52 05	32	0.0587	0.0060	2355.1	103.2	6.8	9.8	1.5	0	0.8	AH	S
	8379/2	07 16 38.1	-24 51 37	48	*0.0445	0.0022	23503.4	463.5	59.5	20.3	1.9	601	23.6	AH	S
	5091/2	07 16 39.1	-24 51 44	32	0.0530	0.0061	2034.1	80.4	5.6	8.7	1.8	0	0.4	AH	S
1805	3455/1	07 17 24.6	55 51 49	31	0.0320	0.0043	10377.9	247.2	442.8	7.4	7.3	0	0.8	L	CLG
1806	8379/3	07 18 01.8	-24 20 05	54	*0.00446	0.00094	23503.4	51.7	68.3	4.7	0.9	1408	21.5	H	
1807	8379/4	07 18 05.7	-24 34 30	67	*0.00332	0.00089	23503.4	37.5	64.5	3.7	0.7	500	21.9	H	
1808	7131/1	07 18 13.2	-70 57 42	51	*0.0354	0.0075	1404.6	24.9	3.1	4.7	0.9	703	20.8	H	
1809	3200/1	07 18 20.9	-05 10 13	36	0.0421	0.0071	1237.9	38.9	4.1	5.9	1.0	0	0.6	H	CV
1810	5120/2	07 19 59.6	71 00 21	52	0.0273	0.0059	2819.3	25.6	5.4	4.6	1.4	0	31.7	H	
1811	4131/1	07 21 12.9	-30 42 22	42	0.0357	0.0066	1464.4	32.3	3.7	5.4	0.8	0	14.3	H	
1812	2098/1	07 21 15.8	69 04 08	48	0.0557	0.0058	3453.6	99.3	6.7	9.6	1.1	300	19.7	H	Q
1813	7294/1	07 22 42.7	-00 20 40	48	*0.266	0.024	1812.8	122.8	4.2	10.9	1.8	703	29.8	AEH	
	3262/1	07 22 41.7	-00 20 29	48	*0.181	0.017	1998.6	114.0	4.0	10.5	1.3	703	29.8	AEH	
1814	5066/1	07 22 42.9	-29 23 03	42	0.0083	0.0021	4797.7	25.1	13.9	4.0	0.7	0	13.1	AH	
	3134/1	07 22 41.3	-29 23 04	45	0.0181	0.0049	1583.0	17.5	4.5	3.7	0.8	0	13.2	A	
1815	7294/2	07 23 19.3	-00 48 47	35	0.0382	0.0056	1812.8	51.6	5.4	6.8	1.2	0	0.6	AH	Q
	3262/2	07 23 18.7	-00 48 57	35	0.0325	0.0049	1998.6	48.4	5.6	6.6	0.9	0	0.2	AH	Q
1816	7334/1	07 24 14.4	16 08 58	61	*0.0062	0.0017	7508.5	21.4	12.6	3.7	1.4	1009	23.5	H	
1817	7334/2	07 24 33.3	15 45 45	31	0.0402	0.0028	7508.5	224.7	25.3	14.2	1.1	0	0.2	H	S
1818	9692/1	07 24 46.5	21 32 59	31	0.1392	0.0067	4279.6	443.9	15.1	20.7	1.3	0	0.2	H	S
1819	9692/2	07 25 33.7	21 30 05	43	0.0099	0.0023	4279.6	27.1	11.9	4.3	0.9	0	11.4	H	
1820	9013/1	07 27 12.6	13 44 30	55	0.0210	0.0050	2771.4	22.5	6.5	4.2	1.3	0	28.5	H	
1821	7616/1	07 28 26.6	06 05 13	39	0.0085	0.0023	3429.8	21.8	12.2	3.7	0.9	0	0.2	H	
1822	9218/1	07 28 43.7	10 02 31	42	0.0189	0.0038	2455.6	30.4	7.6	4.9	0.9	0	11.7	H	
1823	211/1	07 29 08.8	31 44 46	31	0.1123	0.0087	2079.6	173.4	7.6	12.9	1.5	0	0.7	H	CLG
1824	7616/2	07 29 38.3	05 45 23	56	*0.0133	0.0036	3429.8	18.1	5.9	3.7	0.8	1207	26.6	H	
1825	589/1	07 30 24.2	65 47 12	39	0.0247	0.0026	5988.3	97.7	11.3	9.4	1.3	0	11.3	AH	S
	5226/1	07 30 21.7	65 47 16	42	0.0159	0.0027	4411.7	45.1	12.9	5.9	1.2	0	12.1	AH	S
1826	9217/1	07 31 13.7	10 22 28	55	0.0190	0.0054	2337.7	16.5	5.5	3.5	1.0	0	28.3	H	
1827	838/1	07 31 25.4	31 58 59	31	0.464	0.021	2316.2	799.0	157.0	22.4	1.4	0	0.9	AL	S
	2308/1	07 31 25.8	31 59 06	38	0.433	0.023	1986.4	608.1	185.9	18.4	1.7	0	5.5	AL	S
	211/2	07 31 27.3	31 58 49	48	*0.294	0.022	2079.6	187.6	3.4	13.6	1.5	1309	32.9	AH	S
1828	589/2	07 31 35.4	65 42 19	32	0.0214	0.0024	5988.3	93.9	15.1	9.0	1.8	0	2.8	AH	
	5226/2	07 31 36.1	65 42 56	48	0.0321	0.0039	4411.7	77.0	12.0	8.2	1.3	0	18.5	AH	
	5227/1	07 31 39.9	65 42 21	52	*0.0232	0.0056	1833.7	20.3	3.7	4.1	1.4	703	22.5	AH	
1829	7719/1	07 31 40.3	80 10 58	48	0.0889	0.0056	6739.8	265.1	13.9	15.9	1.3	400	23.3	H	
1830	589/3	07 32 07.2	65 42 35	35	0.0120	0.0019	5988.3	53.4	15.6	6.4	3.0	0	0.4	AH	G
	5226/3	07 32 09.8	65 42 49	51	0.0148	0.0030	4411.7	33.6	12.4	4.9	3.0	0	20.2	AH	G
1831	5226/4	07 32 13.9	65 46 41	56	0.0088	0.0024	4411.7	21.7	12.3	3.7	0.7	0	17.6	AH	
	589/4	07 32 13.8	65 46 12	37	0.0055	0.0015	5988.3	24.0	18.0	3.7	0.6	0	3.9	AH	
1832	2607/1	07 32 43.9	58 53 00	32	0.149	0.015	950.0	104.9	3.1	10.1	1.1	0	1.7	H	SY
1833	5695/1	07 33 23.4	17 37 46	55	*0.00379	0.00087	34962.0	49.2	76.8	4.4	5.4	1106	28.6	H	
1834	3960/1	07 33 28.1	70 37 42	45	0.0049	0.0012	9644.2	32.2	29.8	4.1	0.7	0	8.1	H	
1835	5695/2	07 33 32.5	18 10 13	56	0.0055	0.0011	34962.0	63.1	89.9	5.1	1.2	400	31.9	H	
1836	5695/3	07 33 41.7	17 38 24	50	*0.0103	0.0010	34962.0	158.8	77.2	10.3	2.0	906	24.4	AH	
	7496/1	07 33 44.7	17 38 34	57	*0.0109	0.0030	3702.4	17.8	7.2	3.6	1.0	703	23.9	AH	
1837	3960/2	07 33 41.9	70 03 56	56	0.0082	0.0018	9644.2	33.5	21.5	4.5	1.4	0	26.1	H	
1838	5695/4	07 33 58.5	17 55 14	74	0.00295	0.00065	34962.0	55.4	92.6	4.6	0.7	600	19.1	H	
1839	7497/1	07 34 04.1	17 23 59	48	0.0697	0.0093	3694.2	86.5	15.5	7.3	1.1	0	30.3	AL	
	5695/5	07 34 04.6	17 23 56	48	0.0405	0.0020	34962.0	485.1							

Number		Position			Intensity		Detection Params.			SIZE COR	RECO	R (')	Flags		
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±	LIVE-TIME	NET CTS	BKG CTS				S/N	SRC	ID
1840	1991/1	07 34 05.7	17 24 08	51	0.0438	0.0079	2112.2	34.1	3.9	5.5	1.3	0	28.7	AH	
	7496/2	07 34 07.2	17 23 43	52	0.0251	0.0050	3702.4	32.4	8.6	5.1	1.7	500	30.7	AH	
	1992/1	07 34 08.1	17 23 14	52	0.0446	0.0094	1582.8	25.7	3.3	4.8	1.0	0	29.2	AH	
	5695/6	07 34 29.0	17 51 08	54	0.00236	0.00057	34962.0	54.6	118.4	4.2	0.6	0	11.0		
1841	5695/7	07 34 34.7	18 05 01	50	0.00692	0.00079	34962.0	132.7	96.3	8.8	1.0	0	18.4	H	
1842	5695/8	07 35 10.7	17 36 40	49	0.00273	0.00062	34962.0	59.3	122.7	4.4	0.7	0	12.4	H	
1843	5695/9	07 35 14.1	17 49 14	31	0.0475	0.0014	34962.0	1236.5	150.5	33.2	1.2	0	0.2	AH	
	1991/2	07 35 13.4	17 49 19	32	0.0602	0.0064	2112.2	94.1	6.9	9.4	1.1	0	1.8	AH	BL
	7497/2	07 35 14.2	17 49 11	32	0.0426	0.0051	3694.2	117.2	27.8	8.3	1.1	0	0.2	AL	BL
	7496/3	07 35 15.4	17 49 20	32	0.0554	0.0047	3702.4	152.8	14.2	11.8	1.3	0	0.6	AH	BL
	1992/2	07 35 15.6	17 49 09	35	0.0510	0.0069	1582.8	59.7	5.3	7.4	1.1	0	2.5	AH	BL
1844	5695/10	07 35 24.0	17 57 20	43	0.00302	0.00071	34962.0	72.5	110.5	4.2	0.1	0	8.5	L	
1845	3031/1	07 35 37.1	74 21 35	35	0.100	0.016	552.6	41.0	3.0	6.2	1.3	0	0.4	AH	
	4599/1	07 35 38.7	74 21 26	51	0.061	0.010	2066.5	41.5	4.5	6.1	2.0	400	30.6	AH	
1846	2020/1	07 35 38.4	02 04 42	55	*0.0343	0.0090	1144.6	16.7	2.3	3.8	1.0	1003	25.9	H	
1847	5695/11	07 36 03.1	17 43 00	38	0.01396	0.00096	34962.0	297.7	118.3	14.6	1.0	0	13.3	AH	
	7497/3	07 36 02.8	17 43 13	42	0.0189	0.0040	3694.2	43.1	15.9	4.6	1.0	0	13.0	AL	
	1991/3	07 36 03.6	17 43 25	43	0.0172	0.0041	2112.2	21.6	5.4	4.2	0.7	400	14.9	A	
	1992/3	07 36 04.4	17 42 56	42	0.0257	0.0057	1582.8	24.5	4.5	4.5	0.8	0	15.0	AH	
	7496/4	07 36 05.4	17 43 17	42	0.0211	0.0034	3702.4	49.1	11.9	6.3	1.2	0	13.8	AH	
1848	5695/12	07 36 20.3	18 09 29	51	*0.00640	0.00089	34962.0	94.5	79.5	7.2	0.8	906	25.8	H	
1849	848/1	07 36 40.5	05 20 52	31	0.302	0.013	4855.9	1089.5	406.5	23.8	1.7	0	0.7	L	S
1850	2019/1	07 36 42.9	01 43 59	32	0.0584	0.0053	3018.7	131.6	9.4	11.1	1.1	0	0.2	AH	Q
	2020/2	07 36 41.9	01 43 54	35	0.0653	0.0091	1144.6	55.6	4.4	7.2	1.1	0	0.2	AH	Q
1851	5695/13	07 37 01.0	18 00 14	56	0.00489	0.00094	34962.0	65.6	93.4	5.2	1.0	0	27.8	H	
1852	4599/2	07 37 01.8	74 36 07	52	0.0331	0.0069	2066.5	27.7	5.3	4.8	1.5	0	26.2	H	
1853	2019/2	07 37 03.5	01 35 02	45	0.0102	0.0028	3018.7	20.4	10.6	3.7	0.6	0	10.2	H	
1854	5695/14	07 37 11.6	17 53 06	52	0.0066	0.0011	34962.0	85.1	97.9	6.3	1.1	0	28.1	H	
1855	4599/3	07 37 54.5	74 41 04	48	0.367	0.021	2066.5	319.2	4.8	17.7	1.4	0	25.5	AH	
	3031/2	07 37 58.5	74 41 07	48	*0.273	0.032	552.6	72.5	1.5	8.4	1.2	703	22.0	AH	
1856	3993/1	07 38 01.3	31 19 09	35	0.0218	0.0035	2755.1	44.7	8.3	6.1	0.9	0	0.4	AH	Q
	7295/1	07 37 59.0	31 18 53	36	0.0237	0.0045	1864.2	32.8	6.2	5.3	0.9	0	0.4	AH	Q
1857	6948/1	07 38 11.5	-18 44 27	42	0.0106	0.0018	7501.6	49.3	21.7	5.9	0.8	0	13.6	H	
1858	9712/1	07 39 41.1	-14 17 08	52	0.0091	0.0023	4938.8	24.3	12.7	4.0	0.8	0	19.3	H	
1859	5170/1	07 39 54.5	09 34 53	36	0.0046	0.0011	12978.5	42.1	54.9	4.3	24.0	0	4.9	H	
1860	5170/2	07 39 58.3	09 29 43	31	0.0316	0.0019	12978.5	305.6	48.4	16.2	4.0	0	0.4	AH	CLG
	183/1	07 39 56.9	09 29 45	32	0.0196	0.0042	5128.7	75.1	88.9	4.6	2.8	0	1.0	AL	CLG
1861	2311/1	07 40 12.2	29 00 19	31	1.557	0.035	2518.1	2891.2	353.8	44.7	1.3	0	2.8	AL	S
	2310/1	07 40 10.8	29 00 36	31	1.212	0.044	1545.2	1368.4	456.6	27.3	1.7	0	2.3	AL	S
1862	499/1	07 40 22.5	37 33 40	56	0.0068	0.0015	13677.8	36.4	24.6	4.7	1.3	0	27.3	H	
1863	499/2	07 40 58.3	38 00 32	32	0.0150	0.0014	13677.8	153.1	38.9	11.0	1.4	0	0.4	H	Q
1864	499/3	07 41 01.0	38 25 49	55	0.0057	0.0014	13677.8	32.5	28.5	4.2	0.8	0	25.5	H	
1865	6948/2	07 41 05.3	-18 34 19	56	0.0118	0.0029	7501.6	25.0	12.0	4.1	1.1	200	34.6	H	
1866	7719/2	07 41 23.7	80 21 41	56	*0.0075	0.0019	6739.8	24.9	16.1	3.9	1.0	401	20.8	H	
1867	10077/1	07 41 31.6	10 04 48	51	*0.0209	0.0041	3474.9	33.0	8.0	5.2	1.0	603	23.3	H	
1868	499/4	07 41 40.4	37 57 16	45	0.00326	0.00090	13677.8	30.4	39.6	3.6	0.6	0	9.3	H	
1869	499/5	07 41 52.4	38 16 24	51	*0.0059	0.0012	13677.8	42.5	27.5	5.1	0.7	805	19.3	H	
1870	3048/1	07 42 00.6	03 51 08	43	0.0050	0.0012	9333.3	30.6	26.4	4.1	0.8	0	10.3	H	
1871	3048/2	07 42 03.4	03 40 28	31	0.2983	0.0066	9333.3	2079.4	30.6	45.3	1.4	0	1.0	AH	S
	10640/1	07 42 03.3	03 40 38	31	0.407	0.012	5671.5	1719.9	351.1	32.8	1.4	0	0.5	AL	S
	907/1	07 42 03.4	03 40 34	31	0.442	0.016	3607.0	1185.8	272.2	26.8	1.4	0	0.8	AL	S
1872	908/1	07 42 03.5	03 40 32	31	0.372	0.011	3863.5	1071.4	11.6	32.6	1.4	0	1.0	AH	S
	4453/1	07 42 14.3	28 08 35	36	0.0217	0.0038	2403.4	38.7	7.3	5.7	1.3	0	0.4	H	S
1873	10077/2	07 42 47.5	10 18 38	36	0.0104	0.0024	3474.9	27.0	13.0	4.3	1.0	0	0.2	H	S
1874	3048/3	07 43 02.0	03 45 59	48	0.0163	0.0020	9333.3	89.7	27.3	8.3	0.9	0	16.4	AH	S
	10640/2	07 43 01.3	03 46 11	50	0.0199	0.0035	5671.5	66.4	31.6	5.5	1.1	0	15.0	AL	S
	908/2	07 43 04.0	03 45 53	52	0.0109	0.0027	3863.5	23.8	10.2	4.1	0.8	0	16.7	AH	S
1875	3048/4	07 43 03.3	04 06 29	56	0.0096	0.0024	9333.3	28.7	21.3	4.1	0.9	500	29.9	H	
1876	3048/5	07 43 50.6	03 50 45	55	*0.0080	0.0019	9333.3	28.2	16.8	4.2	1.1	1206	29.3	AH	S
	908/3	07 43 50.8	03 50 55	56	*0.0135	0.0037	3863.5	19.1	7.9	3.7	1.2	1001	29.7	AH	S
1877	6306/1	07 45 09.6	55 45 60	51	0.0279	0.0046	2743.6	43.0	7.0	6.1	0.9	300	17.3	H	AGN
1878	3263/1	07 45 35.9	24 07 43	42	0.0210	0.0058	990.1	15.5	2.5	3.6	0.8	0	0.2	H	*
1879	6306/2	07 46 09.6	55 30 18	56	0.0209	0.0056	2743.6	18.0	5.0	3.8	1.4	500	33.0	H	
1880	7866/1	07 46 24.7	-24 22 30	48	0.0487	0.0042	6787.7	151.8	19.2	11.6	1.0	100	23.9	H	
1881	7866/2	07 47 05.6	-25 10 29	48	0.0530	0.0047	6787.7	141.4	18.6	11.2	1.1	0	26.6	H	
1882	7708/1	07 48 26.7	-67 37 39	51	0.0203	0.0030	5695.6	56.1	12.9	6.8	1.0	300	22.0	H	
1883	9071/1	07 48 27.1	01 59 59	42	0.0126	0.0022	5515.8	45.6	15.4	5.8	0.8	0	11.2	H	
1884	9071/2	07 48 55.3	02 10 44	51	0.0106	0.0023	5515.8	33.4	17.6	4.7	0.7	0	17.1	H	
1885	4235/1	07 50 42.8	-26 08 35	43	0.0071	0.0016	6529.8	31.8	17.2	4.5	0.9	0	7.7	H	
1886	4235/2	07 51 01.9	-26 00 25	51	*0.0109	0.0020	6529.8	40.8	16.2	5.4	0.9	602	15.7	H	
1887	7708/2	07 51 41.7	-68 05 58	52	0.0150	0.0032	5695.6	32.1	13.9	4.7	1.0	100	27.2	H	
1888	2622/1	07 52 04.7	39 19 10	31	0.164	0.011	2007.0	245.8	6.2	15.5	1.2	0	1.0	H	SY
1889	10009/1	07 52 08.5	22 08 01	31	0.871	0.029	2956.2	1919.5	1027.5	29.5	2.1	0	0.3	AL	S
	3179/1	07 52 08.0	22 08 12	31	0.0909	0.0056	3993.0	270.2	10.8	16.1	1.4	0	0.2	AH	S
	948/1	07 52 09.0	22 08 22	32	0.0708	0.0078	1656.4	87.3	4.7	9.1	1.4	0	0.4	AH	S
1890	550/1	07 54 24.3	10 04 47	35	0.0478	0.0066	1613.7	57.3	5.7	7.2	1.2	0	1.0	H	
1891	2622/2	07 54 38.7	39 28 41	51	0.058	0.010	2007.0	37.7	4.3	5.8	1.2	100	32.0	H	AGN
1892	5184/1	07 55 11.6	57 31 36	55	*0.0138	0.0031	4329.1	27.6	9.4	4.5	1.1	1007	23.8	H	
1893	5500/1	07 55 28.9	-52 51 23	37	0.0147	0.0033	2357.2	25.9	8.1	4.4	0.8	0	0.2	H	S
1894	5184/2	07 55 32.8	57 28 56	54	*0.0103	0.0025	4329.1	22.9	9.1	4.0	0.8	1007			

07^h56^m31.8^s — 08^h15^m16.9^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
1895	5500/2	07 56 31.8	-53 08 41	51	0.0283	0.0052	2357.2	34.7	6.3	5.4	5.0	0	20.0	H	S
1896	6007/1	07 56 49.5	-49 06 50	35	0.0310	0.0049	2017.7	46.2	6.8	6.3	1.2	0	1.8	H	S
1897	8979/1	07 56 50.8	14 13 45	54	0.0112	0.0028	6020.8	24.3	12.7	4.0	0.8	0	29.4	H	*
1898	1838/1	07 58 06.2	64 09 09	47	0.0147	0.0042	1814.3	15.8	4.2	3.5	0.7	0	14.4	H	*
1899	8979/2	07 58 08.6	14 06 41	52	*0.0093	0.0020	6020.8	29.7	11.3	4.6	0.8	1009	18.5	H	*
1900	5184/3	07 58 31.0	57 24 59	31	0.0277	0.0087	4329.1	707.6	20.4	26.2	1.4	0	4.4	H	S
1901	8979/3	07 58 43.4	14 23 12	36	0.0070	0.0016	6020.8	31.6	18.4	4.5	0.8	0	0.4	H	*
1902	8979/4	07 58 45.5	14 11 24	42	0.0100	0.0019	6020.8	38.5	16.5	5.2	0.8	0	11.6	H	*
1903	10420/1	07 59 08.4	-03 31 24	54	0.0116	0.0030	5956.4	35.6	19.4	3.7	1.1	500	20.6	L	L
1904	10420/2	07 59 12.3	-03 55 13	39	0.0214	0.0036	5956.4	85.4	56.6	5.8	1.5	0	9.5	L	L
1905	10420/3	08 00 39.3	-03 40 58	50	0.0186	0.0032	5956.4	62.7	22.3	5.7	0.9	0	16.4	L	L
1906	10181/1	08 01 16.8	10 07 39	52	*0.0070	0.0014	10273.3	37.0	19.0	4.9	1.3	804	20.1	H	H
1907	10181/2	08 01 27.0	10 20 48	42	0.0051	0.0012	10273.3	34.8	29.2	4.3	0.8	0	9.7	AH	H
	2711/1	08 01 24.3	10 20 28	44	0.0143	0.0038	2055.2	19.3	6.7	3.8	0.7	0	10.2	AH	H
1908	6322/1	08 01 41.1	24 25 22	42	0.0114	0.0020	5888.9	41.1	12.9	5.6	0.8	0	13.9	H	H
1909	10181/3	08 01 46.0	10 11 31	38	0.0361	0.0025	10273.3	232.6	27.4	14.4	2.0	0	13.1	AH	H
	2711/2	08 01 44.7	10 11 44	47	0.0145	0.0039	2055.2	18.8	6.2	3.8	0.7	0	12.8	AH	H
1910	5111/1	08 01 49.7	-39 51 42	31	0.467	0.018	1908.5	664.3	5.7	25.7	1.2	0	0.2	AH	S
	5113/1	08 01 49.4	-39 51 43	31	0.415	0.017	1894.5	585.7	4.3	24.1	1.5	0	0.2	AH	S
	5110/1	08 01 49.8	-39 51 39	31	0.501	0.021	1503.9	560.4	4.6	23.6	1.2	0	0.2	AH	S
	5112/1	08 01 50.5	-39 51 52	31	0.379	0.021	1183.8	334.3	2.7	18.2	1.4	0	0.2	AH	S
	2223/1	08 01 50.7	-39 51 39	31	0.417	0.017	1933.5	597.4	5.6	24.3	1.5	0	0.9	AH	S
1911	10079/1	08 01 56.7	21 29 13	48	0.0293	0.0035	5085.2	85.0	16.0	8.5	1.0	0	17.3	H	H
1912	5111/2	08 02 03.9	-39 22 51	53	0.0294	0.0072	1908.5	20.5	4.5	4.1	1.4	0	28.8	H	H
1913	10181/4	08 02 06.1	10 24 02	37	0.0040	0.0010	10273.3	30.4	30.6	3.9	0.9	0	0.8	H	Q
1914	10181/5	08 02 07.1	10 30 13	42	0.0051	0.0012	10273.3	36.6	31.4	4.4	0.8	0	7.1	H	H
1915	5336/1	08 03 22.2	75 57 45	51	0.0517	0.0086	1303.4	39.4	3.6	6.0	0.9	0	16.1	H	H
1916	10181/6	08 03 30.9	10 26 40	56	*0.0063	0.0014	10273.3	32.0	15.0	4.7	0.9	804	21.2	H	H
1917	10226/1	08 03 42.7	-11 16 45	41	0.0257	0.0038	3028.9	54.3	11.7	6.7	0.9	0	6.5	H	H
1918	6322/2	08 04 04.7	23 56 32	56	*0.0098	0.0026	5888.9	19.7	7.3	3.8	1.3	906	30.0	H	H
1919	5336/2	08 04 39.7	76 11 17	38	0.326	0.019	1303.4	308.2	4.8	17.4	1.4	0	5.5	H	Q
1920	8916/1	08 05 24.4	-24 09 05	36	0.0122	0.0032	4005.9	36.5	26.5	3.7	0.9	0	0.5	L	L
1921	3835/1	08 05 38.1	21 00 56	51	*0.0112	0.0020	9051.1	44.1	16.9	5.6	1.4	602	24.6	H	H
1922	2022/1	08 06 13.3	04 44 04	45	0.0122	0.0030	3051.9	22.8	9.2	4.0	0.8	0	14.1	H	H
1923	3835/2	08 06 13.5	20 33 42	48	0.0253	0.0029	9051.1	90.4	16.6	8.7	1.8	0	26.5	H	H
1924	3354/1	08 06 36.3	28 19 56	55	0.0122	0.0032	2608.6	17.8	4.2	3.8	1.3	0	17.4	H	H
1925	5933/1	08 06 45.3	74 53 14	54	0.0048	0.0011	12177.9	32.9	25.1	4.3	0.7	0	17.7	H	H
1926	2284/1	08 06 59.3	-47 07 39	47	0.0104	0.0028	3066.8	20.8	10.2	3.7	0.8	0	11.0	H	H
1927	3835/3	08 06 59.9	20 45 34	47	0.0043	0.0012	9051.1	25.4	20.6	3.7	1.1	0	10.6	H	H
1928	3835/4	08 06 59.9	20 31 49	57	0.0055	0.0015	9051.1	21.9	15.1	3.6	0.7	0	23.8	H	H
1929	7778/1	08 07 06.3	57 39 07	51	*0.0384	0.0077	1698.9	27.8	3.2	5.0	1.1	906	24.4	H	H
1930	5933/2	08 07 06.6	74 26 49	42	0.0072	0.0013	12177.9	52.5	32.5	5.7	0.9	0	13.8	H	H
1931	2719/1	08 07 37.3	04 54 07	55	0.0336	0.0086	1403.3	18.0	3.0	3.9	1.3	0	27.3	H	H
1932	3835/5	08 07 40.5	21 03 51	41	0.0086	0.0014	9051.1	52.7	24.3	6.0	1.1	0	9.8	H	H
1933	8357/1	08 07 42.9	62 35 07	52	*0.0057	0.0013	11797.9	36.6	27.4	4.6	0.8	703	17.6	H	H
1934	3354/2	08 07 52.4	28 17 41	32	0.0379	0.0046	2608.6	73.7	6.3	8.2	1.2	0	0.4	H	CV
1935	3354/3	08 08 00.0	28 34 18	54	0.0129	0.0033	2608.6	19.1	4.9	3.9	0.8	100	17.0	H	H
1936	2284/2	08 08 00.2	-47 11 21	31	0.0847	0.0063	3066.8	193.9	12.1	13.5	1.8	0	0.4	AH	S
	2283/1	08 08 02.6	-47 10 19	35	0.0556	0.0072	1567.6	64.6	5.4	7.7	2.3	0	1.0	AH	S
1937	493/1	08 08 01.6	48 40 24	52	0.0094	0.0021	8110.6	29.7	14.3	4.5	1.3	0	27.0	H	H
1938	8357/2	08 08 02.9	62 45 27	38	0.5451	0.0084	11797.9	4251.0	32.0	65.0	1.3	0	10.1	AH	S
	3355/1	08 08 06.9	62 45 24	31	0.438	0.021	1311.9	429.0	5.0	20.6	1.3	0	0.2	AH	S
	8018/1	08 08 08.0	62 45 16	31	0.4258	0.0082	9081.5	2755.8	30.2	52.2	1.4	0	4.7	AH	S
1939	3835/6	08 08 05.2	20 44 00	51	0.0061	0.0014	9051.1	32.0	19.0	4.5	0.7	100	15.5	H	H
1940	2283/2	08 08 21.6	-47 25 40	48	0.140	0.012	1567.6	130.8	4.2	11.3	1.2	0	15.3	H	H
1941	3901/1	08 08 51.9	01 55 59	32	0.0622	0.0060	2433.3	112.9	6.1	10.3	1.3	0	0.6	H	BL
1942	2260/1	08 08 53.5	-76 22 44	36	0.0368	0.0076	949.8	26.2	2.8	4.9	0.8	0	1.3	H	CV
1943	2284/3	08 08 58.8	-47 17 40	44	0.0110	0.0028	3066.8	21.9	10.1	3.9	1.0	0	12.4	H	H
1944	493/2	08 09 34.7	48 25 53	46	0.0044	0.0012	8110.6	25.2	22.8	3.6	0.6	0	5.7	H	H
1945	1752/1	08 09 53.5	-35 12 14	32	0.0419	0.0049	2572.0	80.3	7.7	8.6	1.2	0	0.2	H	SNR
1946	493/3	08 09 55.3	48 09 30	42	0.0075	0.0015	8110.6	39.1	22.9	5.0	1.1	0	12.7	H	AGN
1947	493/4	08 10 01.5	48 21 58	36	0.0082	0.0014	8110.6	49.8	24.2	5.8	0.8	0	0.4	H	Q
1948	7336/1	08 10 07.8	58 19 18	58	0.00335	0.00093	13294.1	27.8	32.2	3.6	0.4	100	6.4	H	H
1949	8357/3	08 10 16.8	63 06 01	51	0.0145	0.0021	11797.9	68.9	26.1	7.1	1.1	0	27.1	AH	H
	8018/2	08 10 17.8	63 05 05	55	0.0075	0.0017	9081.5	31.7	21.3	4.4	1.0	400	22.5	AH	H
1950	317/1	08 10 16.9	66 35 41	32	0.0155	0.0019	7721.1	89.0	28.0	8.2	1.5	0	0.2	H	H
1951	5933/3	08 10 31.6	74 33 20	41	0.0090	0.0012	12177.9	75.2	30.8	7.3	1.4	0	7.8	H	H
1952	7336/2	08 10 50.3	58 10 24	42	0.0037	0.0010	13294.1	36.2	28.8	3.6	0.2	0	3.7	H	L
1953	8018/3	08 11 02.4	62 55 23	56	*0.0050	0.0014	9081.5	24.5	21.5	3.6	0.6	805	18.4	H	H
1954	7336/3	08 11 28.8	57 45 34	63	*0.0041	0.0011	13294.1	25.6	19.4	3.8	0.7	1609	28.4	H	H
1955	6912/1	08 11 29.9	-57 04 12	50	*0.085	0.010	2443.2	74.4	5.6	8.3	4.0	1002	29.1	H	H
1956	8018/4	08 11 40.4	63 01 36	52	0.0099	0.0020	9081.5	37.5	19.5	5.0	1.1	0	25.7	H	H
1957	7336/4	08 11 42.1	58 27 51	51	*0.0082	0.0013	13294.1	58.7	26.3	6.4	1.1	1609	18.1	H	H
1958	7336/5	08 12 15.2	58 27 33	78	*0.00361	0.00095	13294.1	25.2	18.8	3.8	0.6	1609	20.2	H	H
1959	909/1	08 12 53.1	-18 53 51	31	0.967	0.022	5861.2	4217.1	1995.9	44.9	1.9	0	0.0	AL	S
	910/1	08 12 53.0	-18 54 15	31	0.325	0.016	4096.2	992.3	692.7	19.9	2.3	0	0.3	AL	*
	910/2	08 12 55.9	-19 07 35	42	0.0153	0.0032	4096.2	39.0	10.0	4.7	1.0	0	13.7	AL	*
1960	909/2	08 12 54.1	-19 08 04	42	0.0129	0.0028	5861.2	44.7	20.3	4.5	0.9	0	14.1	AL	*
1961	5728/1	08 14 58.4	-07 21 19	31	0.1380	0.0074	11272.0	1123.3	1220.7	18.6	3.9	0	4.6	L	CLG
1962	5933/4	08 15 16.9													

08^h15^m47.9^s — 08^h38^m34.2^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
1963	3928/1	08 15 47.9	52 33 32	44	0.0089	0.0022	4064.2	24.8	14.2	4.0	0.8	0	8.4	H	
1964	5933/5	08 16 15.0	74 49 54	51	*0.0142	0.0022	12177.9	59.5	22.5	6.6	2.8	501	30.9	H	
1965	246/1	08 16 23.1	54 06 42	56	*0.0198	0.0050	3260.7	19.2	4.8	3.9	1.5	1007	32.8	H	
1966	3928/2	08 17 12.0	52 29 22	54	0.0103	0.0026	4064.2	24.3	12.7	4.0	0.9	0	16.4	H	
1967	304/1	08 17 41.3	21 13 27	41	0.0120	0.0017	8858.5	71.3	28.7	7.1	2.3	0	9.1	H	G
1968	304/2	08 17 49.1	21 06 40	32	0.0137	0.0017	8858.5	88.1	32.9	8.0	1.0	0	2.6	H	
1969	551/1	08 18 35.8	-12 48 55	42	0.0187	0.0051	1183.2	16.5	3.5	3.7	0.7	0	0.9	H	
1970	1839/1	08 18 37.6	47 15 32	32	0.106	0.010	1425.0	112.5	5.5	10.4	1.5	0	1.3	H	CLG
1971	246/2	08 18 48.8	54 28 12	39	0.0434	0.0049	3260.7	86.9	8.1	8.9	1.0	0	13.2	H	
1972	2261/1	08 19 45.3	73 16 16	35	0.0504	0.0069	1531.3	57.6	4.4	7.3	1.1	0	0.7	H	CV
1973	10100/1	08 19 53.7	-76 45 37	32	0.0451	0.0044	3634.9	121.8	18.2	10.3	1.3	0	0.2	H	
1974	8355/1	08 20 13.4	02 01 37	41	0.0143	0.0024	5104.2	49.0	16.0	6.1	1.0	0	8.8	H	
1975	10100/2	08 20 20.3	-77 03 34	56	0.0096	0.0027	3634.9	19.3	10.7	3.5	1.0	0	17.6	H	
1976	10231/1	08 21 30.8	03 37 38	66	0.0053	0.0013	19451.1	34.2	40.8	3.9	1.1	0	31.6	H	
1977	10231/2	08 21 59.6	02 56 29	56	0.0056	0.0013	19451.1	38.4	39.6	4.4	0.8	0	29.6	H	
1978	10231/3	08 22 06.2	03 09 51	51	0.00497	0.00097	19451.1	50.3	45.7	5.1	0.7	0	19.4	H	
1979	5929/1	08 22 08.4	26 44 01	51	0.0116	0.0021	8198.9	43.5	16.5	5.6	1.2	100	22.7	H	
1980	10231/4	08 22 28.1	03 23 10	42	0.00473	0.00083	19451.1	59.4	49.6	5.7	1.1	0	12.5	H	
1981	5929/2	08 22 42.8	27 13 38	61	*0.0083	0.0021	8198.9	22.5	10.5	3.9	1.8	805	30.2	H	
1982	10231/5	08 22 58.5	03 16 02	32	0.00534	0.00087	19451.1	74.1	71.9	6.1	15.0	0	4.9	H	
1983	3546/1	08 23 02.5	29 14 29	55	0.0061	0.0017	6994.9	20.6	10.4	3.7	0.7	500	21.6	H	
1984	10231/6	08 23 13.4	03 19 23	31	0.0594	0.0021	19451.1	862.1	63.9	28.3	1.4	0	0.2	H	
1985	3546/2	08 24 00.9	29 44 39	51	0.0129	0.0020	6994.9	51.4	13.6	6.4	1.0	0	17.2	H	
1986	10231/7	08 24 09.9	03 00 25	50	*0.0109	0.0013	19451.1	93.8	33.2	8.3	1.1	1409	23.7	H	
1987	305/1	08 24 12.0	66 12 06	50	*0.0203	0.0026	6430.8	76.5	19.5	7.8	1.0	502	15.3	H	
1988	7337/1	08 24 13.4	30 12 12	52	0.0062	0.0011	21894.5	54.7	41.3	5.6	0.9	200	26.7	H	
1989	10231/8	08 24 14.9	03 27 13	53	0.00401	0.00087	19451.1	43.4	44.6	4.6	0.7	500	17.5	H	
1990	10231/9	08 24 26.8	03 41 03	48	*0.0206	0.0018	19451.1	152.9	32.1	11.2	1.3	1207	28.4	H	
1991	10231/10	08 24 36.4	03 16 53	51	*0.0070	0.0011	19451.1	67.0	39.0	6.5	0.9	603	20.8	H	
1992	10231/11	08 25 03.9	03 17 15	57	0.0042	0.0011	19451.1	31.1	40.9	3.7	0.9	0	27.7	H	
1993	7337/2	08 25 29.6	30 35 45	31	0.0392	0.0016	21894.5	629.8	68.2	23.8	5.0	0	2.1	AH	CLG
1994	182/1	08 25 32.9	30 35 57	35	0.0321	0.0049	2081.6	49.4	6.6	6.6	4.2	0	1.8	AH	CLG
1994	5929/3	08 25 49.0	26 33 16	56	0.0101	0.0023	8198.9	29.9	15.1	4.5	2.1	500	30.1	H	
1995	305/2	08 26 28.5	66 00 56	31	0.0961	0.0046	6430.8	452.2	25.8	20.7	3.0	0	3.3	AH	CLG
1996	3264/1	08 27 53.3	24 21 41	36	0.0196	0.0041	1806.5	26.4	4.6	4.7	0.9	0	0.7	H	*
1997	7731/1	08 28 03.8	04 32 14	52	0.0145	0.0037	2796.4	21.6	8.4	4.0	1.0	0	18.2	H	
1998	3202/1	08 28 13.5	02 26 34	32	0.0675	0.0079	1551.0	78.0	5.0	8.6	1.1	0	0.4	H	CV
1999	305/3	08 28 41.2	66 14 05	52	0.0087	0.0020	6430.8	30.3	19.7	4.3	0.7	200	17.8	H	
2000	305/4	08 28 43.1	66 01 17	50	0.0170	0.0024	6430.8	64.5	20.5	7.0	1.0	0	15.0	H	
2001	7731/2	08 29 11.1	04 39 56	32	0.0375	0.0046	2796.4	78.1	11.9	8.2	1.0	0	0.2	H	
2002	7731/3	08 29 26.3	04 28 32	47	0.0113	0.0031	2796.4	19.9	10.1	3.6	0.9	0	12.0	H	
2003	2024/1	08 29 28.9	11 06 29	52	0.0151	0.0036	2858.4	22.9	7.1	4.2	0.7	0	18.7	H	Q
2004	7731/4	08 29 58.3	04 55 15	51	0.0194	0.0041	2796.4	28.5	7.5	4.7	0.8	500	19.4	H	
2005	2024/2	08 30 20.3	11 26 16	41	0.0295	0.0042	2858.4	55.6	8.4	6.9	1.2	0	11.5	AH	
2006	10722/1	08 30 20.9	-23 13 25	50	0.0127	0.0023	9647.5	68.9	42.1	5.3	1.3	0	27.5	L	
2007	5155/1	08 30 23.7	28 28 10	56	*0.0070	0.0017	11673.0	33.0	28.0	4.2	0.8	601	26.6	H	
2008	3274/1	08 30 37.2	-49 11 14	42	0.069	0.015	847.4	34.4	7.6	4.5	1.0	0	14.6	L	
2009	5155/2	08 32 07.1	28 34 25	35	0.0080	0.0013	11673.0	67.5	48.5	6.3	0.9	0	4.7	H	
2010	6964/1	08 32 35.8	64 49 41	51	0.0143	0.0018	12796.1	76.3	21.7	7.7	1.1	0	25.9	H	
2011	503/1	08 32 48.8	58 15 32	52	*0.0055	0.0011	16602.5	44.5	36.5	4.9	0.8	601	20.8	H	
2012	501/1	08 33 17.1	65 24 21	36	0.0204	0.0043	1771.3	27.0	5.0	4.8	0.8	0	0.2	AH	Q
2012	6964/2	08 33 22.8	65 23 49	39	*0.0134	0.0015	12796.1	100.6	27.4	8.9	1.0	401	14.9	AH	Q
2013	503/2	08 33 26.8	58 34 53	56	*0.0048	0.0014	16602.5	23.8	21.2	3.6	1.3	805	32.6	H	
2014	740/1	08 33 39.9	-45 00 13	31	1.059	0.024	4215.0	3260.2	929.8	43.2	19.7	0	3.4	AL	P
2014	10765/1	08 33 39.0	-45 00 14	31	0.929	0.022	5243.3	3624.8	1434.2	43.1	22.5	0	0.6	AL	P
2014	8030/1	08 33 39.3	-44 59 55	48	0.921	0.049	1819.8	694.5	283.5	18.7	14.7	0	26.5	AL	P
2015	6964/3	08 34 04.0	65 17 42	42	0.0057	0.0010	12796.1	49.9	33.1	5.5	0.8	0	7.6	H	
2016	7296/1	08 34 23.3	-20 06 36	35	0.0263	0.0037	2931.4	57.5	8.5	7.1	0.9	0	0.4	H	
2017	2312/1	08 34 35.8	23 44 14	42	0.0231	0.0044	2044.7	33.4	6.6	5.3	0.9	0	5.5	H	CV
2018	6964/4	08 34 46.9	65 11 46	31	0.1784	0.0044	12796.1	1702.2	36.8	40.8	1.5	0	0.2	AH	S
2018	501/2	08 34 45.7	65 12 04	48	0.182	0.013	1771.3	191.3	3.7	13.7	1.5	0	15.0	AH	S
2018	4456/1	08 34 47.3	65 11 46	32	0.200	0.021	617.3	92.2	2.8	9.5	1.5	0	0.4	AH	S
2019	503/3	08 35 10.5	58 04 45	32	0.0104	0.0011	16602.5	128.9	58.1	9.4	1.5	0	0.9	H	Q
2020	503/4	08 35 30.2	58 02 49	35	0.00616	0.00098	16602.5	74.4	65.6	6.3	2.7	0	3.8	H	
2021	2312/2	08 35 49.9	23 52 06	47	0.0133	0.0037	2044.7	16.9	5.1	3.6	0.9	0	13.4	H	
2022	3204/1	08 36 03.3	31 58 15	31	0.1492	0.0099	2103.1	234.0	6.0	15.1	1.2	0	0.4	H	CV
2023	6964/5	08 36 05.7	65 17 13	47	0.00362	0.00095	12796.1	30.8	35.2	3.8	0.6	0	9.6	H	
2024	6020/1	08 36 10.1	29 01 31	37	0.0068	0.0016	6061.4	30.6	18.4	4.4	1.4	0	0.7	H	
2025	720/1	08 36 43.0	-41 32 52	56	*0.0240	0.0068	1875.0	14.5	2.5	3.5	0.8	703	29.7	H	
2026	6964/6	08 36 43.3	64 55 26	61	*0.0042	0.0010	12796.1	27.6	19.4	4.0	1.0	805	20.6	H	
2027	727/1	08 37 25.3	-43 00 41	38	0.089	0.023	1829.3	111.1	375.9	3.8	113.7	0	8.1	L	
2028	8933/1	08 37 27.5	-12 03 51	31	0.289	0.010	5367.7	1156.9	119.1	28.6	1.2	0	0.1	L	Q
2029	6020/2	08 37 41.5	29 07 42	55	0.0065	0.0018	6061.4	19.9	11.1	3.6	1.0	100	20.8	L	
2030	8933/2	08 37 44.0	-12 11 20	41	0.0146	0.0030	5367.7	53.7	28.6	4.8	1.0	0	8.4	L	S
2031	486/1	08 37 53.4	13 00 22	51	*0.0092	0.0014	13646.7	59.0	21.0	6.6	0.9	1006	22.6	H	
2032	486/2	08 38 02.3	13 23 05	31	0.0285	0.0018	13646.7	290.4	40.6	16.0	1.1	0	0.2	H	Q
2033	486/3	08 38 11.5	13 46 05	52	0.0066	0.0013	13646.7	40.9	26.1	5.0	0.9	400	23.0	H	
2034	8933/3	08 38 22.3	-12 27 31	59	0.0114	0.0031	5367.7	24.2	7.8	3.5	0.6	0	27.1	L	
2035	5363/1	08 38 34.2	77 03 57	36	0.0419	0.0087	866.5	26.5	3.5	4.8	1.0	0	3.0	H	Q

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
2036	486/4	08 38 41.1	13 25 06	42	0.0060	0.0011	13646.7	55.5	38.5	5.7	1.0	0	9.7		AGN
2037	10227/1	08 39 47.9	-03 38 21	50	0.045	0.010	3009.9	47.4	27.6	4.2	1.5	300	29.4	L	H
2038	3033/1	08 39 53.9	29 38 47	50	0.0494	0.0067	2079.8	58.0	4.0	7.4	1.4	200	16.9	H	H
2039	7332/1	08 40 12.8	19 07 02	42	0.0072	0.0014	9169.7	40.2	23.8	5.0	0.7	0	13.8	H	H
2040	4932/1	08 40 51.1	26 29 36	51	0.0375	0.0070	1528.9	32.6	4.4	5.4	0.9	300	15.9	H	H
2041	5364/1	08 41 42.5	16 28 03	51	0.0206	0.0043	2453.8	27.4	5.6	4.8	1.0	0	19.0	H	H
2042	7867/1	08 42 15.4	-06 45 55	55	0.0085	0.0024	5215.4	20.2	10.8	3.6	1.1	500	23.2	H	H
2043	7332/2	08 42 39.4	19 00 02	51	0.0108	0.0021	9169.7	40.6	20.4	5.2	1.1	0	25.8	H	H
2044	7867/2	08 42 41.4	-07 21 02	51	0.0254	0.0041	5215.4	48.8	12.2	6.3	1.3	300	28.3	H	H
2045	2237/1	08 43 08.5	-54 18 02	38	0.167	0.010	2713.1	274.4	5.6	16.4	1.3	0	14.2	H	H
2046	2237/2	08 43 20.7	-54 31 15	32	0.0482	0.0050	2713.1	97.2	5.8	9.6	1.6	0	0.8	H	S
2047	1840/1	08 44 01.6	37 43 15	54	*0.0233	0.0052	2018.3	23.3	3.7	4.5	0.8	1008	20.7	H	AGN
2048	5337/1	08 44 34.1	34 56 08	32	0.119	0.010	1659.2	147.6	4.4	12.0	1.2	0	0.2	H	H
2049	4059/1	08 44 58.3	18 44 16	36	0.0194	0.0037	2336.2	33.1	6.9	5.2	0.9	0	2.8	H	H
2050	4059/2	08 44 59.4	18 36 01	41	0.0361	0.0049	2336.2	60.0	6.0	7.4	1.1	0	5.5	H	H
2051	1840/2	08 45 06.4	37 51 49	47	0.0161	0.0039	2018.3	21.0	5.0	4.1	1.0	0	11.1	H	AGN
2052	4059/3	08 45 10.9	18 51 19	43	0.0146	0.0035	2336.2	22.6	6.4	4.2	0.9	0	10.4	H	H
2053	3921/1	08 47 27.2	33 28 25	51	0.095	0.017	959.4	34.5	2.5	5.7	1.2	0	27.7	H	S
2054	5504/1	08 47 33.4	28 13 20	51	0.0141	0.0018	19154.5	83.6	30.4	7.8	1.1	700	32.4	H	H
2055	5504/2	08 48 00.3	28 28 46	53	*0.00468	0.00095	19154.5	43.3	34.7	4.9	0.7	805	21.3	H	H
2056	5185/1	08 48 00.6	08 02 54	51	*0.0309	0.0049	3480.7	43.7	5.3	6.2	1.1	1107	26.4	H	S
2057	5504/3	08 49 05.8	28 45 08	51	0.00663	0.00099	19154.5	72.3	43.7	6.7	0.9	0	15.8	H	AGN
2058	5504/4	08 49 16.3	28 28 59	33	0.00652	0.00089	19154.5	89.1	57.9	7.3	0.8	0	4.8	H	AGN
2059	5185/2	08 49 35.2	08 15 13	32	0.0462	0.0044	3480.7	119.8	11.2	10.5	1.2	0	0.2	H	H
2060	5185/3	08 49 35.3	08 05 10	38	0.342	0.012	3480.7	798.4	9.6	28.1	1.2	0	10.0	H	SY
2061	5504/5	08 49 36.9	28 30 26	36	0.00274	0.00070	19154.5	39.2	61.8	3.9	1.0	0	0.4	H	S
2062	1994/1	08 49 45.1	20 15 25	48	0.0170	0.0017	20183.8	128.1	38.9	9.9	1.2	0	28.7	H	H
2063	5504/6	08 49 49.0	28 20 03	41	0.00581	0.00091	19154.5	73.3	57.7	6.4	1.0	0	11.2	H	AGN
2064	7954/1	08 49 49.2	-05 22 15	52	0.0177	0.0033	6716.0	40.2	14.8	5.4	2.6	0	30.9	H	H
2065	5504/7	08 50 06.5	28 20 39	50	0.00328	0.00089	19154.5	40.7	40.3	3.6	0.0	0	12.2	H	L
2066	500/1	08 50 15.6	13 36 48	52	0.0427	0.0088	1602.9	26.5	3.5	4.8	1.1	0	27.1	H	H
2067	5504/8	08 50 17.8	28 25 17	42	0.00506	0.00083	19154.5	64.7	48.3	6.1	0.8	0	10.7	H	AGN
2068	500/2	08 50 22.2	14 04 26	37	0.0157	0.0040	1602.9	18.8	4.2	3.9	0.7	0	0.4	H	H
2069	5504/9	08 50 41.6	28 10 12	48	*0.0204	0.0017	19154.5	171.5	39.5	11.8	1.1	703	25.1	H	Q
2070	500/3	08 50 53.2	14 01 12	42	0.0342	0.0059	1602.9	37.9	4.1	5.8	1.0	0	8.1	H	S
2071	1994/2	08 50 54.9	20 21 15	43	0.00306	0.00075	20183.8	37.7	47.3	4.1	0.8	0	14.6	H	H
2072	8362/1	08 50 55.9	51 25 56	52	*0.0238	0.0057	1859.4	20.6	3.4	4.2	0.8	906	23.3	H	H
2073	1994/3	08 51 09.2	20 25 05	38	0.0124	0.0012	20183.8	153.2	53.8	10.6	1.1	0	14.4	H	S
2074	5504/10	08 51 10.7	28 06 14	60	*0.0044	0.0013	19154.5	27.4	33.6	3.5	1.3	603	32.2	H	H
2075	7954/2	08 51 50.4	-05 14 36	31	0.0406	0.0030	6716.0	203.1	25.9	13.4	1.2	0	0.9	H	S
2076	1994/4	08 51 56.6	20 18 03	31	0.3411	0.0049	20183.8	4971.8	65.2	70.1	1.3	0	4.6	H	BL
2077	1994/5	08 52 37.0	19 44 55	57	*0.0075	0.0013	20183.8	48.2	22.8	5.7	1.5	1008	31.0	H	H
2078	1994/6	08 52 57.9	20 15 16	57	*0.00261	0.00072	20183.8	29.7	37.3	3.6	0.5	805	16.5	H	H
2079	415/1	08 53 06.2	59 19 35	54	0.0223	0.0059	2016.6	18.0	5.0	3.8	1.0	0	26.5	H	H
2080	5506/1	08 54 12.4	05 43 29	34	*0.0261	0.0068	2209.6	18.3	4.7	3.8	1.0	601	32.9	H	H
2081	6118/1	08 55 15.6	03 22 08	52	0.0398	0.0035	4925.2	145.1	16.9	11.4	2.0	0	1.3	AH	CLG
2082	5507/1	08 55 18.1	03 22 25	36	0.0332	0.0069	1056.4	26.2	3.8	4.8	1.8	0	0.4	AH	CLG
2083	6118/2	08 55 48.3	48 14 31	35	0.0379	0.0060	1572.8	44.3	4.7	6.3	1.2	0	0.4	AH	S
2084	3149/1	08 56 58.1	03 20 18	56	0.0125	0.0029	4925.2	25.9	11.1	4.3	2.4	0	23.7	H	H
2085	3904/1	08 59 55.0	-14 03 34	36	0.0449	0.0073	1227.7	41.1	3.9	6.1	1.0	0	0.7	AH	Q
2085	3905/1	08 59 54.0	-14 03 32	35	0.0168	0.0043	2833.6	35.5	21.5	3.8	0.8	0	0.4	AL	H
2085	3903/1	08 59 55.3	-14 03 52	35	0.0355	0.0061	1453.6	38.5	5.5	5.8	1.0	0	0.2	AH	H
2086	481/1	09 02 12.6	16 55 43	51	*0.0085	0.0014	13459.1	54.0	26.0	6.0	1.0	803	21.9	H	H
2087	2160/1	09 02 36.8	-38 17 01	42	0.0487	0.0091	1020.1	31.8	3.2	5.4	1.0	0	12.5	H	H
2088	5789/1	09 03 01.4	-14 52 15	56	*0.0136	0.0034	5746.2	23.0	10.0	4.0	0.9	1309	32.8	H	H
2089	5789/2	09 03 13.2	-14 47 60	62	0.0144	0.0037	5746.2	21.7	10.3	3.8	1.5	200	35.1	H	H
2090	481/2	09 03 18.6	17 07 54	47	*0.00339	0.00095	13459.1	29.1	36.9	3.6	0.6	0	11.4	H	H
2091	481/3	09 03 34.9	17 11 13	39	0.0156	0.0016	13459.1	128.3	36.7	10.0	1.2	0	12.8	H	S
2092	4959/1	09 03 43.3	10 34 00	52	*0.0177	0.0041	3344.3	24.0	7.0	4.3	3.5	805	26.6	H	H
2093	481/4	09 03 44.8	16 58 16	31	0.0437	0.0022	13459.1	438.5	44.5	20.0	1.1	0	0.4	H	Q
2094	5789/3	09 04 27.3	-15 05 55	38	0.0330	0.0032	5746.2	120.8	19.2	10.2	1.0	0	12.1	H	H
2095	481/5	09 04 32.7	16 51 12	38	0.0213	0.0018	13459.1	179.7	38.3	12.2	2.0	0	13.7	H	CLG
2096	7690/1	09 05 36.4	-09 47 14	31	0.0726	0.0065	3473.7	187.4	31.6	11.0	1.2	0	0.3	AL	G
2097	1784/1	09 05 35.2	-09 47 02	48	0.097	0.010	3114.3	130.6	18.4	9.3	1.1	0	24.2	AL	G
2097	9048/1	09 05 37.1	-08 17 13	52	0.0238	0.0056	2374.4	22.1	4.9	4.2	1.0	0	27.3	H	H
2098	2685/1	09 06 19.4	43 06 03	36	0.0270	0.0051	1607.9	32.4	5.6	5.3	0.9	0	0.7	H	Q
2099	4959/2	09 06 20.5	11 11 34	48	0.0581	0.0069	3344.3	76.3	6.7	8.4	3.9	0	27.3	H	H
2100	1784/2	09 06 30.5	-09 25 36	32	0.0301	0.0080	3114.3	69.5	140.5	3.7	22.2	0	1.8	L	H
2101	4959/3	09 06 33.1	11 10 44	49	0.0600	0.0073	3344.3	73.6	6.4	8.2	3.8	0	29.2	H	H
2102	2030/1	09 06 34.7	01 33 30	42	0.0378	0.0057	1883.7	49.9	6.1	6.7	1.0	0	6.3	AH	Q
2102	2029/1	09 06 35.1	01 33 32	42	0.0313	0.0059	1427.4	31.2	3.8	5.3	0.9	0	6.3	AH	Q
2103	1784/3	09 06 49.7	-09 28 58	38	0.049	0.011	3114.3	105.6	219.4	4.5	12.4	0	7.2	L	CLG
2104	7048/1	09 06 58.6	06 54 40	48	0.0279	0.0034	6080.1	78.7	12.3	8.3	1.1	400	22.5	AH	H
2104	457/1	09 06 60.0	06 55 20	52	0.0206	0.0040	3414.0	30.5	5.5	5.1	1.5	200	24.6	AH	H
2105	7048/2	09 07 41.4	07 14 20	38	0.0059	0.0015	6080.1	26.8	18.2	4.0	1.5	0	0.2	H	G
2106	8439/1	09 08 11.9	75 03 49	48	*0.0655	0.0042	7951.8	258.4	13.6	15.7	1.3	906	20.2	H	H
2107	457/2	09 08 33.8	07 09 19	47	0.0107	0.0025	3414.0	24.1	6.9	4.3	0.7	0	9.8	H	H
2108	1941/1	09 11 36.0	40 15 29	43	0.0149	0.0039	1850.4	18.9	6.1	3.8	1.1	0	9.1	H	Q
2109	2716/1	09 12 53.9	29 46 14	32	0.132	0.011	1534.3	151.							

09^h13^m11.1^s — 09^h44^m07.2^s

Number		Position			Intensity		LIVE-TIME	Detection Params.				RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N	SIZE COR			SRC	ID
2110	5790/1	09 13 11.1	-22 14 24	55	0.0168	0.0036	5905.5	28.3	8.7	4.6	1.2	500	34.2	H	
2111	6844/1	09 13 22.9	78 45 54	58	*0.0222	0.0053	3459.3	22.4	5.6	4.2	1.2	1004	33.6	H	
2112	1894/1	09 13 31.3	-12 01 27	48	0.1264	0.0080	10845.3	438.7	102.3	15.5	1.5	600	31.6	L	
2113	1894/2	09 15 10.9	-11 59 05	42	*0.0059	0.0016	10845.3	42.9	49.1	3.5	181.4	0	8.6	L	
2114	5790/2	09 15 19.5	-21 37 20	56	*0.0113	0.0029	5905.5	22.3	9.7	3.9	0.9	804	31.8	L	
2115	151/1	09 15 21.5	-08 08 32	35	0.0131	0.0033	4802.7	46.1	44.9	3.8	1.8	0	2.5	L	
2116	3467/1	09 15 39.9	16 30 60	31	0.314	0.012	2750.0	642.5	6.5	25.2	1.2	0	0.9	L	SY
2117	1894/3	09 15 40.4	-11 52 56	31	0.3635	0.0095	10845.3	2928.2	1275.7	38.0	2.8	0	1.1	L	
2118	1894/4	09 15 40.5	-12 06 28	43	0.0066	0.0017	10845.3	43.5	39.5	3.8	181.6	0	13.5	L	
2119	1894/5	09 16 02.6	-12 09 40	48	0.0135	0.0023	10845.3	78.4	47.6	5.6	83.0	100	17.8	L	
2120	5790/3	09 16 35.8	-22 06 56	43	0.0091	0.0019	5905.5	32.5	11.5	4.9	0.9	0	14.1	H	
2121	1841/1	09 16 45.6	33 57 37	35	0.0399	0.0064	1550.6	45.6	7.4	6.3	1.1	0	2.6	H	CLG
2122	5790/4	09 17 09.8	-21 48 15	51	0.0281	0.0039	5905.5	59.3	8.7	7.2	1.3	300	30.2	H	
2123	6695/1	09 17 29.7	01 15 16	37	0.0156	0.0037	1988.5	23.1	6.9	4.2	1.0	0	0.2	H	CLG
2124	6315/1	09 17 50.0	45 52 07	36	0.0532	0.0094	878.7	34.8	3.2	5.7	1.1	0	0.4	H	G
2125	5309/1	09 18 10.0	-53 27 29	35	0.0308	0.0051	1818.7	41.7	5.3	6.1	0.9	0	0.7	H	
2126	2099/1	09 18 35.9	51 11 39	36	0.0113	0.0021	4907.7	41.3	15.7	5.5	1.1	0	0.7	H	AGN
2127	2099/2	09 19 23.0	51 33 41	50	*0.0351	0.0042	4907.7	78.9	9.1	8.4	1.9	601	24.1	H	
2128	6315/2	09 19 55.0	45 43 29	52	0.055	0.012	878.7	21.8	2.2	4.4	1.2	0	23.6	H	
2129	6844/2	09 20 24.1	78 39 17	42	0.0243	0.0036	3459.3	53.3	9.7	6.7	1.4	0	11.7	H	S
2130	2101/1	09 20 38.0	35 01 28	52	0.0072	0.0018	7427.4	27.4	19.6	4.0	0.8	400	19.3	H	
2131	212/1	09 21 21.5	14 23 42	32	0.0812	0.0086	1554.9	94.0	4.0	9.5	2.4	0	0.7	H	CLG
2132	554/1	09 21 42.0	39 28 28	55	*0.0137	0.0028	9773.5	37.5	20.5	4.9	1.1	704	28.9	EH	
2133	2101/2	09 21 53.5	34 50 56	42	0.0077	0.0016	7427.4	37.7	26.3	4.7	0.8	0	10.2	H	BL
2134	554/2	09 21 58.0	39 20 08	50	0.0190	0.0024	9773.5	83.8	25.2	8.0	1.0	0	23.3	H	
2135	2101/3	09 22 44.0	34 20 40	50	*0.0286	0.0035	7427.4	79.1	15.9	8.1	1.3	601	29.1	H	
2136	8439/2	09 22 58.2	74 59 31	48	*0.0416	0.0050	7951.8	81.5	13.5	8.4	1.8	501	37.2	AH	
	3083/1	09 22 57.8	75 00 15	52	*0.070	0.015	789.8	23.4	1.6	4.7	1.1	803	25.9	AH	
2137	7952/1	09 23 00.1	-06 10 04	50	0.0449	0.0058	8543.6	72.8	15.2	7.8	1.8	800	39.9	AH	
2138	5365/1	09 23 05.6	20 07 14	35	0.0425	0.0062	1599.9	50.6	4.4	6.8	1.0	0	0.2	H	Q
2139	6708/1	09 23 19.0	12 57 11	31	0.283	0.014	2039.4	424.5	6.5	20.4	1.3	0	1.7	H	Q
2140	554/3	09 23 46.9	38 58 03	55	0.0055	0.0014	9773.5	30.0	30.0	3.9	1.9	100	17.0	H	
2141	554/4	09 23 56.0	39 15 23	31	0.0964	0.0037	9773.5	702.4	36.6	25.8	1.3	0	0.2	H	Q
2142	554/5	09 24 05.5	38 55 57	56	0.0054	0.0014	9773.5	27.8	23.2	3.9	1.7	200	19.4	H	
2143	554/6	09 24 20.3	39 42 45	49	0.0229	0.0028	9773.5	85.9	26.1	8.1	1.8	0	27.8	H	S
2144	554/7	09 24 51.1	39 41 06	57	0.0078	0.0020	9773.5	29.3	24.7	4.0	5.6	100	27.9	H	
2145	7952/2	09 25 10.9	-06 05 15	45	0.0054	0.0014	8543.6	27.1	20.9	3.9	0.7	0	14.4	H	
2146	213/1	09 25 14.1	20 44 45	35	0.0410	0.0066	1439.7	42.7	4.3	6.2	1.3	0	3.4	H	CLG
2147	7952/3	09 26 27.0	-06 14 24	57	*0.0080	0.0020	8543.6	24.4	12.6	4.0	1.5	1309	28.8	H	
2148	5512/1	09 27 17.3	05 52 38	35	0.0267	0.0042	2338.6	46.6	6.4	6.4	1.1	0	0.4	H	
2149	10382/1	09 27 34.3	06 07 27	57	*0.0054	0.0013	10946.1	27.7	16.3	4.2	0.8	803	22.3	H	
2150	10382/2	09 28 32.2	06 15 20	56	*0.0061	0.0014	10946.1	33.5	21.5	4.5	1.2	1209	20.0	H	
2151	7049/1	09 29 20.5	21 43 44	32	0.0280	0.0031	4369.1	91.2	12.8	8.9	1.4	0	0.4	AH	G
	4922/1	09 29 17.5	21 44 04	55	*0.0212	0.0060	2528.0	15.7	4.3	3.5	0.9	1106	32.8	AH	G
2152	6739/1	09 29 53.8	-10 59 21	52	*0.0373	0.0083	2018.5	22.3	2.7	4.5	1.5	1109	32.4	H	
2153	3535/1	09 30 06.3	70 03 14	31	0.484	0.022	1953.6	705.3	98.7	21.8	1.3	0	0.2	L	S
2154	4994/1	09 30 06.7	-28 24 15	38	0.0169	0.0041	1662.0	20.9	5.1	4.1	0.9	0	0.2	H	S
2155	7049/2	09 30 31.1	21 45 60	53	*0.0101	0.0024	4369.1	24.5	9.5	4.2	0.9	603	16.9	H	
2156	7049/3	09 30 59.0	21 28 06	51	0.0205	0.0040	4369.1	33.9	9.1	5.2	1.3	0	27.6	H	
2157	3293/1	09 31 15.7	10 20 48	42	0.0139	0.0039	1550.3	15.7	3.3	3.6	0.8	0	2.5	H	
2158	4994/2	09 31 44.5	-28 32 53	55	0.0220	0.0059	1662.0	16.6	3.4	3.7	0.9	0	23.4	H	
2159	6097/1	09 33 15.9	-04 31 22	56	0.0054	0.0013	11039.4	28.0	21.0	4.0	1.1	600	23.0	H	
2160	6097/2	09 33 50.9	-04 42 50	58	0.0198	0.0018	11039.4	148.9	33.1	11.0	1.5	0	9.1	H	
2161	6097/3	09 34 11.2	-04 21 20	52	0.0066	0.0015	11039.4	31.1	20.9	4.3	0.9	100	25.7	H	
2162	2642/1	09 34 26.1	01 19 16	31	0.158	0.011	1851.5	216.8	5.2	14.5	1.3	0	1.1	H	Q
2163	6097/4	09 35 49.0	-05 04 34	57	0.0066	0.0017	11039.4	27.4	20.6	4.0	1.8	0	27.5	H	
2164	7427/1	09 36 18.9	-02 51 21	48	*0.0531	0.0045	5267.4	149.5	9.5	11.9	1.2	1409	18.0	H	
2165	530/1	09 37 48.0	11 53 18	41	0.0078	0.0011	14115.3	69.7	31.3	6.9	1.2	0	12.1	H	AGN
2166	8409/1	09 37 57.9	39 07 32	38	0.0224	0.0056	1116.5	18.6	3.4	4.0	1.0	0	0.4	H	
2167	5516/1	09 38 11.2	-23 40 39	51	0.00545	0.00085	31042.0	72.9	57.1	6.4	0.8	0	24.7	H	
2168	530/2	09 38 20.5	11 50 39	43	0.00292	0.00083	14115.3	27.8	34.2	3.5	0.9	0	8.9	H	*
2169	7655/1	09 38 53.3	-03 37 41	52	0.0127	0.0026	4767.7	31.8	11.2	4.9	0.9	0	18.8	H	
2170	5516/2	09 38 59.8	-23 21 42	48	*0.0163	0.0012	31042.0	221.3	40.7	13.7	1.3	906	24.0	H	
2171	530/3	09 39 12.0	12 12 07	52	0.00379	0.00094	14115.3	30.7	27.3	4.0	0.7	0	16.3	H	
2172	1813/1	09 39 21.7	09 11 20	35	0.0658	0.0086	1271.0	61.8	3.2	7.7	1.7	0	1.4	H	CLG
2173	3447/1	09 39 52.4	09 52 40	54	0.0224	0.0046	3350.2	28.2	5.8	4.8	1.1	0	28.8	H	
2174	5516/3	09 39 52.6	-23 29 16	41	0.00540	0.00069	31042.0	105.0	73.0	7.9	1.2	0	12.5	H	S
2175	4621/1	09 39 53.0	40 20 36	55	0.0153	0.0040	3582.2	20.1	6.9	3.9	0.9	0	29.0	H	
2176	7655/2	09 40 03.3	-03 28 22	36	0.0096	0.0020	4767.7	34.0	14.0	4.9	0.8	0	1.1	H	G
2177	3368/1	09 40 14.8	56 11 02	32	0.120	0.011	1426.4	127.3	5.7	11.0	1.5	0	0.2	H	S
2178	5516/4	09 40 40.4	-23 48 10	49	0.00204	0.00050	31042.0	41.4	62.6	4.1	0.7	0	11.9	H	
2179	5516/5	09 41 46.7	-23 47 54	55	0.00348	0.00078	31042.0	46.3	61.7	4.5	0.7	300	25.5	H	
2180	3447/2	09 41 53.2	09 45 40	38	0.0099	0.0023	3350.2	24.2	6.8	4.3	1.6	0	2.3	H	
2181	6376/1	09 42 03.2	-14 22 54	51	0.0176	0.0030	7704.9	57.1	14.9	5.7	1.0	0	24.9	AL	
	3061/1	09 42 04.1	-14 22 59	51	*0.0425	0.0083	1526.9	28.5	2.5	5.1	1.0	905	24.5	AH	
2182	3447/3	09 42 48.8	09 50 26	48	0.1645	0.0093	3350.2	322.2	6.8	17.8	1.1	0	15.3	H	
2183	6376/2	09 43 17.2	-14 05 36	31	0.588	0.012	7704.9	3381.9	141.1	51.0	1.1	0	0.2	AL	SY
	3060/1	09 43 18.4	-14 05 43	31	0.277	0.016	1462.4	301.1	5.9	17.2	1.0	0	0.4	AH	SY
	3061/2	09 43 18.5	-14 05 46	31	0.261	0.015	1526.9	297.0	4.0	17.1	1.0	0	0.4	AH	SY
2184	5985/1	09 44 07.2													

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
2185	4944/1	09 44 11.1	13 33 38	48	0.154	0.015	1227.5	104.6	2.4	10.1	1.1	100	16.7	H	
2186	1943/1	09 45 06.4	07 39 26	36	0.0188	0.0035	2339.8	32.8	5.2	5.3	1.2	0	0.2	H	
2187	9485/1	09 45 29.6	-30 42 59	31	0.465	0.018	2013.4	696.9	5.1	26.3	1.2	0	0.9	AH	
	7199/1	09 45 29.2	-30 43 04	31	0.456	0.021	1381.1	470.2	3.8	21.6	1.2	0	0.9	AH	
	9482/1	09 45 29.5	-30 42 56	31	0.396	0.024	924.7	273.7	2.3	16.5	1.1	0	0.9	AH	
	9483/1	09 45 29.5	-30 43 02	31	0.364	0.023	931.3	252.8	2.2	15.8	1.2	0	0.9	AH	
	9481/1	09 45 29.6	-30 43 01	31	0.431	0.026	849.6	273.2	2.8	16.4	1.1	0	0.9	AH	
	9484/1	09 45 29.7	-30 43 03	31	0.353	0.025	764.2	201.4	1.6	14.1	1.2	0	0.9	AH	
2188	7607/1	09 47 45.7	-13 42 18	55	0.0103	0.0027	6485.7	22.8	14.2	3.8	0.9	100	31.0	H	
2189	4945/1	09 47 54.0	04 34 50	35	0.0565	0.0088	1044.0	43.9	3.1	6.4	1.0	0	0.2	H	S
2190	1842/1	09 48 16.8	08 22 24	43	0.0173	0.0039	2054.6	23.6	4.4	4.5	1.3	0	9.5	AH	S
	8400/1	09 48 16.4	08 21 51	53	0.0322	0.0081	1491.6	18.3	2.7	4.0	1.1	0	27.4	AH	S
2191	7607/2	09 49 04.5	-14 35 58	48	0.1116	0.0072	6485.7	253.4	15.6	15.4	1.4	0	29.2	H	
2192	5934/1	09 50 13.0	08 04 52	42	0.0087	0.0019	5431.9	33.4	19.6	4.6	0.8	0	6.6	H	
2193	251/1	09 50 55.4	49 29 51	50	0.109	0.014	1694.3	64.3	2.7	7.9	1.4	100	29.8	H	
2194	2102/1	09 51 15.6	69 24 18	42	0.0063	0.0015	6515.2	29.3	21.7	4.1	42.0	0	6.6	H	
2195	2102/2	09 51 26.0	69 18 13	31	0.1582	0.0058	6515.2	764.3	19.7	27.3	1.7	0	0.7	AH	G
	466/1	09 51 32.9	69 18 60	48	0.0897	0.0095	4449.8	95.9	7.1	9.4	1.9	300	36.1	AH	G
2196	2102/3	09 51 26.8	69 15 15	32	0.0237	0.0036	6515.2	111.3	81.7	6.5	6.9	0	3.1	L	
2197	466/2	09 51 42.6	69 55 00	31	0.454	0.012	4449.8	1506.1	13.9	38.6	1.5	0	0.2	AH	*
	2102/4	09 51 32.5	69 53 41	50	*0.0764	0.0086	6515.2	83.0	4.0	8.9	0.0	1209	35.9	AEH	*
2198	6853/1	09 52 23.4	44 12 13	51	0.0272	0.0052	3161.2	34.1	8.9	5.2	1.1	100	27.0	H	
2199	2102/5	09 53 47.7	69 18 30	38	0.1010	0.0050	6515.2	431.0	17.0	20.4	1.0	0	11.6	H	
2200	251/2	09 54 18.1	49 31 09	47	0.0200	0.0049	1694.3	20.0	4.0	4.1	1.1	0	14.6	H	Q
2201	1788/1	09 54 36.4	67 17 35	50	0.0398	0.0051	4443.1	69.6	9.4	7.8	1.2	100	27.4	H	
2202	10242/1	09 55 43.1	-26 35 41	39	0.0266	0.0028	5476.8	99.3	13.7	9.3	1.7	0	7.5	H	
2203	10242/2	09 56 09.7	-26 41 07	36	0.0102	0.0019	5476.8	41.6	16.4	5.5	1.2	0	0.6	H	G
2204	5077/1	09 56 12.5	-57 11 22	52	*0.0275	0.0060	3012.3	27.3	7.7	4.6	0.9	501	30.2	H	Q
2205	252/1	09 56 21.3	22 32 11	55	0.0114	0.0031	3344.0	17.4	5.6	3.6	1.1	0	22.9	H	Q
2206	7405/1	09 56 47.8	-07 20 56	51	*0.0430	0.0072	1907.7	38.8	3.2	6.0	1.1	705	22.3	H	AGN
2207	5251/1	09 56 50.3	-22 25 24	38	0.128	0.011	1640.6	139.5	4.5	11.6	1.2	0	11.0	H	
2208	252/2	09 56 55.0	22 38 46	52	0.0242	0.0050	3344.0	28.3	5.7	4.9	1.3	500	29.7	H	CLG
2209	2105/1	09 56 58.5	68 57 02	43	0.0071	0.0015	8152.7	36.3	24.7	4.6	0.8	0	12.8	H	
2210	5251/2	09 57 11.0	-22 35 30	37	0.0173	0.0042	1640.6	21.1	4.9	4.1	1.1	0	0.2	H	G
2211	3470/1	09 57 35.8	72 24 55	37	0.0276	0.0071	904.8	18.2	3.8	3.9	0.8	0	4.0	H	
2212	2105/2	09 57 48.7	69 17 56	67	*0.0058	0.0015	8152.7	23.2	13.8	3.8	0.7	804	20.6	H	
2213	1788/2	09 58 10.1	67 06 19	48	0.0386	0.0043	4443.1	89.3	8.7	9.0	1.2	100	19.5	H	
2214	2105/3	09 58 24.6	69 12 59	42	0.0098	0.0017	8152.7	46.7	21.3	5.7	1.3	300	14.9	H	
2215	253/1	09 58 56.0	21 02 45	53	0.0078	0.0019	6518.1	24.3	10.7	4.1	0.7	300	22.4	H	
2216	7841/1	09 58 57.0	17 39 05	32	0.0969	0.0088	1749.2	126.2	5.8	11.0	1.2	0	0.4	H	S
2217	2105/4	09 59 01.5	69 01 22	35	0.0103	0.0016	8152.7	60.9	28.1	6.5	1.5	0	3.3	H	*
2218	1788/3	09 59 11.5	67 24 59	35	0.0224	0.0028	4443.1	74.1	12.9	7.9	3.4	0	0.2	H	CLG
2219	1788/4	09 59 13.5	67 22 05	35	0.0159	0.0025	4443.1	51.5	13.5	6.4	4.3	0	2.8	H	CLG
2220	7405/2	09 59 22.9	-07 55 05	55	*0.061	0.017	1907.7	15.1	2.9	3.5	2.5	804	39.3	EH	
2221	253/2	09 59 39.0	20 46 04	36	0.0111	0.0018	6518.1	53.1	18.9	6.3	2.6	0	2.5	H	CLG
2222	5405/1	09 59 59.0	-44 23 37	36	0.0358	0.0062	1381.6	36.8	4.2	5.7	0.9	0	0.2	H	
2223	253/3	10 01 09.7	20 28 10	56	0.0101	0.0022	6518.1	28.2	10.8	4.5	1.2	0	24.6	H	Q
2224	2687/1	10 01 12.1	29 10 29	51	*0.0556	0.0093	2052.6	38.1	2.9	6.0	1.6	906	30.8	H	
2225	1788/5	10 02 55.2	67 45 39	56	*0.0250	0.0064	4443.1	21.2	7.8	3.9	1.5	906	29.8	EH	CV
2226	7406/1	10 03 02.7	00 58 51	47	0.0131	0.0036	2067.3	17.5	5.5	3.6	0.8	0	11.7	H	
2227	563/1	10 03 41.4	13 00 11	51	0.0098	0.0019	7094.3	40.4	19.6	5.2	0.7	0	16.0	H	
2228	563/2	10 04 12.8	12 38 48	52	0.0110	0.0024	7094.3	31.6	15.4	4.6	1.4	0	26.1	H	
2229	563/3	10 04 36.3	13 31 52	59	0.0080	0.0022	7094.3	22.0	14.0	3.7	0.7	0	28.5	H	
2230	563/4	10 04 54.5	13 16 06	43	0.0067	0.0016	7094.3	30.1	19.9	4.3	0.7	0	12.6	H	
2231	2229/1	10 05 31.6	12 13 59	41	0.0154	0.0040	1633.1	18.3	4.7	3.8	1.0	0	3.2	H	S
2232	2229/2	10 06 05.8	12 02 46	42	0.0345	0.0060	1633.1	36.7	3.3	5.8	1.8	0	10.6	H	
2233	5188/1	10 06 30.0	82 12 03	43	0.0114	0.0025	4045.4	29.7	14.3	4.5	0.7	0	11.9	H	
2234	5188/2	10 06 35.3	81 45 21	42	0.0160	0.0030	4045.4	38.2	12.8	5.4	0.9	300	14.8	H	Q
2235	9696/1	10 06 38.7	-12 12 01	59	0.0109	0.0029	4589.0	19.6	7.4	3.8	1.3	0	26.5	H	
2236	9696/2	10 07 39.1	-12 34 12	36	0.0096	0.0020	4589.0	33.0	13.0	4.9	0.9	0	0.2	H	S
2237	9696/3	10 08 06.4	-12 25 04	41	0.0209	0.0029	4589.0	62.1	10.9	7.3	1.8	0	11.4	H	
2238	4414/1	10 08 15.2	49 42 25	31	0.0768	0.0053	3970.3	227.4	17.6	14.5	1.5	0	0.4	H	
2239	2702/1	10 08 55.8	34 52 45	51	*0.0478	0.0078	1530.1	40.0	3.0	6.1	1.4	906	17.0	H	AGN
2240	10058/1	10 10 17.5	-60 30 46	43	0.0106	0.0022	5337.7	36.0	18.0	4.9	1.1	0	12.8	H	
2241	6023/1	10 10 42.4	-00 38 08	47	0.0129	0.0036	2125.2	18.1	6.9	3.6	0.7	0	10.5	H	
2242	4135/1	10 10 55.9	-47 13 59	52	*0.0146	0.0032	4034.0	28.2	9.8	4.6	0.9	907	22.3	H	S
2243	2031/1	10 10 58.7	24 43 35	56	*0.0169	0.0048	1772.5	14.0	2.0	3.5	1.0	805	22.5	H	
2244	2031/2	10 11 03.7	25 04 05	35	0.0347	0.0054	1772.5	45.2	3.8	6.5	1.2	0	1.9	H	Q
2245	4936/1	10 11 04.8	57 08 56	43	0.0099	0.0023	3675.9	25.8	9.2	4.4	1.0	0	5.7	H	
2246	6023/2	10 11 08.4	-00 40 04	36	0.0296	0.0048	2125.2	45.5	8.5	6.2	5.5	0	4.4	H	CLG
2247	5407/1	10 11 12.0	-28 16 21	32	0.0607	0.0068	1858.7	84.0	6.0	8.9	1.0	0	0.2	H	Q
2248	6023/3	10 11 18.2	-00 36 44	41	0.0124	0.0033	2125.2	19.0	7.0	3.7	11.9	0	3.4	H	
2249	4135/2	10 11 23.4	-47 33 21	36	0.0101	0.0023	4034.0	29.9	17.1	4.4	0.8	0	2.8	H	Q
2250	4414/2	10 11 52.5	49 41 46	48	*0.217	0.019	3970.3	134.6	5.4	11.4	4.0	1309	34.5	EH	
2251	6023/4	10 12 07.6	-00 35 03	43	0.0170	0.0041	2125.2	23.0	7.0	4.2	0.7	0	12.1	H	
2252	4936/2	10 13 37.9	56 46 55	51	*0.0365	0.0051	3675.9	57.2	5.8	7.2	1.1	1007	25.4	H	
2253	4135/3	10 13 59.1	-47 42 52	50	0.0457	0.0058	4034.0	70.3	9.7	7.9	1.0	100	28.2	H	S
2254	3446/1	10 14 06.5	39 18 03	35	0.146	0.019	593.2	63.5	2.5	7.8	1.7	0	2.4	H	CLG
2255	7791/1	10 14 54.0	-10 26 03	48	0.0771	0.0085	2092.4	88.4	5.6	9.1	3.9	300	17.0	H	CLG
2256	6098/1	10 16 17.8	-07 34 30	51	0.0107	0.0017	12086.9	57							

$10^h16^m20.1^s - 10^h44^m28.8^s$

Number		Position			Intensity		LIVE-TIME	Detection Params.			RECO	R (')	Flags		
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N			SIZE COR	SRC	ID
2257	6098/2	10 16 20.1	-07 50 57	52	*0.0096	0.0017	12086.9	47.5	19.5	5.8	1.4	1107	26.4	H	
2258	6098/3	10 16 38.6	-07 15 04	56	0.0064	0.0017	12086.9	27.1	22.9	3.8	0.8	100	29.6	H	
2259	913/1	10 16 53.0	20 07 23	31	1.172	0.012	17731.1	15494.6	3428.4	97.7	1.5	0	0.7	L	S
2260	3186/1	10 17 27.9	-08 26 45	39	0.0726	0.0077	1871.7	95.1	5.9	9.5	1.0	0	7.1	H	CV
2261	6098/4	10 17 33.9	-07 39 37	42	0.0056	0.0011	12086.9	48.2	34.8	5.3	1.3	0	5.5	H	
2262	913/2	10 18 10.0	20 10 21	48	0.0230	0.0020	17731.1	223.7	57.3	11.3	1.2	200	17.8	AL	AGN
	7793/1	10 18 13.3	20 10 19	55	0.0350	0.0086	1462.4	19.2	2.8	4.1	1.0	100	28.9	AL	AGN
2263	6025/1	10 18 18.4	19 16 47	55	0.0224	0.0064	2273.6	16.1	4.9	3.5	1.4	0	31.4	H	
2264	4614/1	10 18 33.3	48 30 15	51	0.0167	0.0035	3099.9	29.9	9.1	4.8	0.8	0	16.3	H	
2265	6098/5	10 18 33.5	-08 09 55	100	*0.0060	0.0016	12086.9	22.1	14.9	3.6	1.1	1308	33.0	H	
2266	2611/1	10 19 02.9	51 39 16	48	0.0704	0.0088	1766.1	68.2	4.8	8.0	1.2	0	16.6	H	
2267	4614/2	10 19 04.3	48 36 18	42	0.0131	0.0030	3099.9	27.0	12.0	4.3	0.8	0	10.4	H	
2268	3964/1	10 19 46.6	-10 27 44	43	0.0104	0.0028	2714.8	19.5	8.5	3.7	0.7	0	6.4	H	
2269	3964/2	10 19 48.7	-10 16 30	43	0.0147	0.0032	2714.8	28.1	8.9	4.6	0.8	0	7.4	H	
2270	7700/1	10 19 58.9	12 46 13	57	0.0086	0.0024	4921.0	19.0	9.0	3.6	0.9	0	23.2	H	
2271	3964/3	10 20 03.5	-10 22 31	31	0.1099	0.0075	2714.8	222.1	8.9	14.6	1.2	0	0.2	H	
2272	7050/1	10 20 16.6	68 50 12	55	*0.0122	0.0028	6144.1	31.1	18.9	4.4	1.0	501	25.7	H	
2273	3964/4	10 20 33.8	-10 27 56	43	0.0111	0.0029	2714.8	20.2	7.8	3.8	0.8	0	9.1	H	
2274	7700/2	10 20 41.2	13 05 15	36	0.0111	0.0021	4921.0	40.2	14.8	5.4	1.0	0	1.7	H	
2275	1946/1	10 20 46.3	20 07 15	31	0.568	0.021	2310.0	978.1	91.9	26.4	1.3	0	0.5	AL	
	7793/2	10 20 46.5	20 07 17	48	*0.335	0.023	1462.4	211.0	3.0	14.4	1.4	501	25.3	AL	
2276	7050/2	10 20 46.9	68 21 06	56	*0.0129	0.0032	6144.1	27.3	18.7	4.0	0.9	501	28.5	H	
2277	6025/2	10 20 54.4	19 51 19	56	*0.0158	0.0040	2273.6	19.2	3.8	4.0	0.9	703	18.7	H	
2278	6025/3	10 21 15.5	19 21 34	55	*0.0166	0.0044	2273.6	17.9	4.1	3.8	1.1	602	21.9	H	
2279	7715/1	10 21 31.6	-57 20 20	42	0.0133	0.0019	7156.0	61.9	19.1	6.9	1.1	0	12.1	H	
2280	6025/4	10 22 00.9	19 28 07	51	0.0335	0.0068	2273.6	28.2	4.8	4.9	1.0	500	28.4	H	
2281	7715/2	10 22 08.5	-57 30 07	31	0.0407	0.0029	7156.0	216.3	23.7	14.0	1.6	0	1.1	AL	
	3341/1	10 22 09.7	-57 30 46	42	0.0290	0.0072	1646.6	32.6	14.4	3.9	1.2	0	8.5	AL	
2282	7700/3	10 22 17.9	12 59 18	52	0.0114	0.0028	4921.0	24.5	10.5	4.1	0.9	0	24.8	H	
2283	2611/2	10 22 19.6	51 54 23	54	*0.0350	0.0087	1766.1	18.8	3.2	4.0	1.4	703	32.7	H	
2284	7701/1	10 22 36.7	11 21 19	51	0.0345	0.0067	2493.2	31.4	5.6	5.2	1.1	200	28.9	H	
2285	7050/3	10 22 56.9	68 44 36	43	0.0080	0.0019	6144.1	32.3	25.7	4.2	0.7	0	10.8	H	
2286	7715/3	10 24 04.3	-57 33 06	48	0.0539	0.0037	7156.0	227.3	19.7	14.5	1.1	0	15.0	H	
2287	1896/1	10 26 12.8	-35 15 38	41	0.0282	0.0056	2366.2	46.8	16.2	4.9	1.1	0	7.6	L	
2288	7050/4	10 27 10.9	69 02 42	61	0.0100	0.0026	6144.1	25.5	18.5	3.8	1.0	0	26.1	H	
2289	5527/1	10 27 16.3	56 15 22	32	0.0291	0.0070	2293.4	49.6	46.4	4.0	1.9	0	0.3	L	S
2290	4256/1	10 27 38.9	31 12 38	43	0.0055	0.0015	6595.3	24.6	18.4	3.7	1.2	0	8.7	H	
2291	4256/2	10 28 09.8	31 18 34	31	0.1527	0.0056	6595.3	751.4	18.6	27.1	1.6	0	0.2	H	Q
2292	2600/1	10 28 19.3	-02 28 13	55	0.0382	0.0098	1176.7	17.0	2.0	3.9	1.5	400	29.2	H	
2293	2644/1	10 28 46.7	29 02 56	31	0.175	0.011	1938.7	245.7	5.3	15.5	1.7	0	3.1	H	
2294	4256/3	10 28 48.5	31 02 44	55	0.0060	0.0017	6595.3	21.3	14.7	3.5	0.7	0	17.7	H	
2295	429/1	10 30 17.6	-27 57 45	51	*0.0478	0.0079	2415.1	40.5	4.5	6.0	1.0	501	30.4	H	
2296	5064/1	10 30 38.6	09 58 54	52	0.0104	0.0027	5016.0	21.3	9.7	3.8	1.1	0	26.1	H	
2297	5064/2	10 31 10.0	09 55 47	52	0.0110	0.0028	5016.0	22.2	9.8	3.9	0.9	0	26.4	H	
2298	10308/1	10 33 27.7	05 22 44	35	0.0552	0.0073	1487.1	61.0	4.0	7.6	1.4	0	0.2	H	S
2299	4001/1	10 34 54.8	-29 18 26	35	0.0399	0.0061	1576.7	46.9	5.1	6.5	1.1	0	0.2	H	BL
2300	6114/1	10 35 28.3	-26 51 38	48	0.0349	0.0040	10440.8	144.9	51.1	8.7	1.3	0	27.8	L	
2301	467/1	10 35 39.4	53 46 03	36	0.0366	0.0063	1389.2	37.9	4.1	5.9	0.9	0	0.4	H	G
2302	4222/1	10 37 16.9	-59 31 06	43	0.0172	0.0037	4698.9	50.1	28.9	4.6	169.5	0	12.2	L	
2303	5126/1	10 38 41.4	06 25 51	32	0.0768	0.0084	1539.6	88.0	4.0	9.2	1.3	0	0.2	H	Q
2304	497/1	10 39 55.7	12 42 33	55	*0.0128	0.0029	4310.3	25.9	8.1	4.4	1.1	704	23.4	H	
2305	10093/1	10 40 03.2	15 32 40	56	*0.0105	0.0027	4907.3	20.3	6.7	3.9	0.8	1409	26.3	H	
2306	497/2	10 40 06.1	12 19 28	32	0.0221	0.0029	4310.3	70.9	16.1	7.6	1.2	0	0.2	H	Q
2307	6535/1	10 40 48.1	09 23 29	37	0.0095	0.0019	4809.9	34.0	14.0	4.9	1.5	0	1.1	H	
2308	5528/1	10 40 56.5	-64 05 26	32	0.0224	0.0053	3028.4	49.2	40.8	4.1	4.3	0	3.2	HL	
2309	5528/2	10 41 09.0	-64 07 54	31	0.0887	0.0064	3028.4	200.0	9.0	13.8	1.7	0	0.2	H	
2310	5528/3	10 41 12.1	-63 40 21	56	0.0146	0.0041	3028.4	16.7	5.3	3.6	1.1	0	27.3	H	
2311	6535/2	10 41 16.6	09 08 29	55	0.0089	0.0022	4809.9	24.4	11.6	4.1	1.0	0	17.2	H	
2312	776/1	10 42 02.2	-59 17 09	38	0.0772	0.0047	11272.1	575.0	298.0	16.2	46.3	0	10.1	AL	S
	4222/2	10 42 00.8	-59 16 51	48	*0.063	0.011	4698.9	122.6	73.9	5.7	36.8	703	27.0	AL	S
2313	776/2	10 42 16.0	-59 27 27	38	0.1228	0.0055	11272.1	973.2	389.8	22.2	31.7	0	6.6	AL	S
	3141/1	10 42 11.4	-59 27 19	48	*0.172	0.023	1616.4	127.5	16.5	7.4	13.5	703	24.1	AL	S
	4223/1	10 42 13.6	-59 27 14	48	0.131	0.012	3960.0	195.9	59.1	10.4	21.7	0	29.3	AL	S
	4222/3	10 42 14.9	-59 27 25	48	*0.120	0.015	4698.9	225.9	78.3	7.9	26.2	904	27.4	AL	S
2314	7106/1	10 42 22.8	08 47 52	56	0.0084	0.0022	8104.8	24.8	16.2	3.9	1.4	500	28.8	H	
2315	4223/2	10 42 27.8	-59 43 53	50	0.0220	0.0053	3960.0	51.9	50.1	4.1	89.4	0	15.5	AL	
	4224/1	10 42 24.9	-59 43 51	50	*0.0259	0.0065	4876.9	50.4	39.6	3.8	46.3	301	26.8	AL	
2316	5528/4	10 42 29.9	-64 30 44	51	*0.0364	0.0054	3028.4	49.6	5.4	6.7	1.1	907	24.0	H	
2317	776/3	10 42 48.5	-59 18 13	38	0.0285	0.0033	11272.1	225.3	221.7	8.6	97.2	0	5.9	L	S
2318	776/4	10 43 07.5	-59 25 14	31	0.1394	0.0056	11272.1	1165.2	404.8	25.0	29.6	0	1.6	AL	*
	3141/2	10 43 04.8	-59 24 52	48	0.173	0.022	1616.4	111.3	33.7	7.8	11.6	100	27.8	AL	*
	4222/4	10 43 08.1	-59 24 54	48	*0.095	0.014	4698.9	130.6	87.6	6.6	24.2	501	34.1	AL	*
2319	4139/1	10 43 13.7	-64 46 37	55	0.0323	0.0081	1026.7	18.3	2.7	4.0	1.2	0	17.4	H	
2320	7106/2	10 43 22.3	08 43 09	51	0.0154	0.0024	8104.8	53.4	16.6	6.4	1.1	0	25.4	H	
2321	776/5	10 43 47.9	-59 08 59	48	*0.0581	0.0041	11272.1	369.4	30.5	14.1	99.0	702	16.3	L	S
2322	5793/1	10 43 55.1	14 00 50	55	0.0142	0.0028	6112.1	34.0	10.0	5.1	1.0	500	27.1	H	
2323	3442/1	10 44 13.4	35 31 50	52	0.0145	0.0032	5167.5	28.2	9.8	4.6	1.3	0	28.8	H	
2324	7106/3	10 44 13.6	09 19 32	42	0.0081	0.0016	8104.8	40.4	21.6	5.1	1.0	0	13.2	H	
2325	5528/5	10 44 28.8	-64 14 57	55	0.0127	0.0034	3028.4	18.0	6.0	3.7	0.9	300	22.9	H	

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
2326	4448/1	10 44 38.0	-49 09 23	31	0.717	0.032	1345.2	718.8	88.2	22.2	1.3	0	0.3	L	S
2327	5528/6	10 44 41.0	-64 00 29	51	0.0319	0.0052	3028.4	42.3	5.7	6.1	1.0	0	24.2	H	H
2328	3442/2	10 45 07.0	34 50 56	52	0.0140	0.0030	5167.5	29.3	9.7	4.7	1.0	0	25.9	H	H
2329	5793/2	10 46 06.2	14 11 04	41	0.0153	0.0022	6112.1	62.2	15.8	7.0	1.1	0	9.5	H	H
2330	5793/3	10 46 14.1	14 42 35	51	0.0178	0.0032	6112.1	39.4	10.6	5.6	0.9	500	29.3	H	H
2331	3442/3	10 47 00.7	35 37 60	50	0.0261	0.0038	5167.5	56.1	9.9	6.9	3.5	0	26.7	H	H
2332	3936/1	10 47 03.3	33 14 57	54	0.0067	0.0018	5422.2	21.6	12.4	3.7	1.1	0	17.5	H	H
2333	3442/4	10 47 08.9	35 32 39	50	*0.0270	0.0035	5167.5	66.5	7.5	7.7	3.5	1107	22.8	H	H
2334	3442/5	10 47 23.0	35 18 06	48	0.0416	0.0039	5167.5	122.4	9.6	10.7	1.3	0	16.1	H	H
2335	3296/1	10 48 04.6	00 33 29	43	0.0146	0.0038	1898.5	18.6	4.4	3.9	0.9	0	9.0	H	H
2336	4224/2	10 48 08.1	-59 37 23	48	0.1409	0.0095	4876.9	296.0	19.0	14.8	1.3	0	25.7	L	P
2337	3442/6	10 48 09.2	34 59 41	52	*0.0228	0.0046	5167.5	31.5	8.5	5.0	1.8	703	29.1	EH	H
2338	3936/2	10 48 31.0	33 13 46	37	0.0064	0.0017	5422.2	24.7	18.3	3.8	0.6	0	4.5	H	H
2339	416/1	10 48 34.3	54 21 25	48	0.516	0.029	1787.9	323.5	4.5	17.9	1.4	0	30.0	H	S
2340	5369/1	10 49 00.5	-09 02 16	32	0.1007	0.0089	1779.4	133.5	4.5	11.4	1.3	0	0.4	H	Q
2341	3936/3	10 49 20.3	33 35 03	56	0.0094	0.0027	5422.2	19.3	10.7	3.5	1.2	300	27.9	H	H
2342	5369/2	10 49 28.2	-08 49 19	43	0.0219	0.0050	1779.4	22.9	4.1	4.4	1.2	100	14.7	H	H
2343	5369/3	10 50 09.0	-09 25 33	52	0.0318	0.0073	1779.4	21.4	2.6	4.4	1.2	0	29.0	H	H
2344	1168/1	10 50 22.4	-58 25 08	52	*0.0261	0.0056	2332.4	24.3	2.7	4.7	1.1	1309	27.4	EH	H
2345	6682/1	10 50 46.7	49 46 14	51	0.0533	0.0093	1180.0	35.8	3.2	5.7	0.9	100	15.7	H	H
2346	10059/1	10 50 49.2	-62 00 06	39	0.0367	0.0043	3552.1	84.7	13.3	8.6	1.0	0	11.6	H	H
2347	416/2	10 50 55.8	54 18 20	52	*0.0258	0.0057	1787.9	25.4	5.6	4.6	0.8	501	17.2	H	H
2348	7757/1	10 51 11.2	17 07 11	48	0.0398	0.0064	5921.5	89.1	51.9	6.0	1.8	200	28.7	L	H
2349	7764/1	10 52 23.0	56 53 38	51	*0.0446	0.0091	1288.4	27.4	3.6	4.9	1.1	1007	22.4	L	H
2350	1170/1	10 52 39.9	-56 50 02	51	0.0206	0.0048	1895.9	23.1	5.9	4.3	0.9	0	15.4	H	H
2351	4025/1	10 52 42.5	-03 19 53	48	0.0161	0.0016	18322.7	137.4	37.6	10.4	1.1	0	22.5	H	H
2352	10294/1	10 53 01.6	-52 25 39	86	*0.0057	0.0012	19870.0	39.6	30.4	4.7	0.9	601	29.5	H	H
2353	4025/2	10 53 33.2	-03 10 23	52	0.00406	0.00091	18322.7	41.1	42.9	4.5	0.9	300	17.1	H	H
2354	416/3	10 53 49.0	54 25 07	56	*0.0178	0.0050	1787.9	15.8	4.2	3.5	0.7	805	20.8	H	H
2355	4025/3	10 53 54.3	-03 19 11	42	0.00418	0.00079	18322.7	53.2	47.8	5.3	0.8	0	6.3	H	H
2356	4025/4	10 53 54.3	-03 54 09	51	0.0128	0.0017	18322.7	80.6	28.4	7.7	1.2	500	30.0	H	H
2357	4025/5	10 53 56.4	-03 32 34	42	0.00461	0.00084	18322.7	57.4	52.6	5.5	0.8	0	8.8	H	H
2358	915/1	10 53 58.2	07 18 01	35	0.0621	0.0082	1321.3	60.8	3.2	7.6	1.4	0	1.0	AH	S
	916/1	10 53 58.6	07 17 48	36	0.0265	0.0050	1656.1	32.5	4.5	5.3	1.2	0	0.9	AH	S
2359	6682/2	10 54 00.7	49 57 44	55	*0.0278	0.0071	1180.0	17.2	1.8	3.9	0.8	1209	19.4	H	H
2360	4025/6	10 54 27.1	-03 21 30	32	0.00825	0.00098	18322.7	107.9	56.1	8.4	1.4	0	5.0	H	H
2361	4025/7	10 54 40.1	-03 53 10	59	*0.0049	0.0012	18322.7	32.8	29.2	4.2	1.0	902	29.5	H	H
2362	4025/8	10 54 48.4	-03 35 26	39	0.0093	0.0011	18322.7	103.1	49.9	8.3	0.9	0	14.7	H	H
2363	5921/1	10 55 00.9	-52 01 37	46	0.0041	0.0011	11758.2	30.8	32.2	3.9	0.7	0	11.8	H	H
2364	4025/9	10 55 08.0	-04 00 37	58	0.0090	0.0021	18322.7	34.8	30.2	4.3	1.3	200	39.4	H	H
2365	10294/2	10 55 48.0	-52 10 52	31	0.0701	0.0023	19870.0	1038.3	75.7	31.1	1.5	0	0.4	AH	P
	5921/2	10 55 48.8	-52 10 50	31	0.0645	0.0028	11758.2	565.0	40.0	23.0	1.4	0	0.4	AH	P
2366	10294/3	10 56 00.1	-52 18 22	43	0.00267	0.00076	19870.0	36.9	72.1	3.5	0.6	0	8.1	H	H
2367	7911/1	10 57 06.0	11 59 30	37	0.0055	0.0016	5928.6	24.2	22.8	3.5	1.1	0	1.6	H	H
2368	6079/1	10 58 02.0	11 07 36	56	0.0059	0.0014	9433.1	29.9	21.1	4.2	9.2	0	17.6	H	H
2369	1121/1	10 58 07.5	-22 25 59	52	0.0183	0.0050	1612.0	16.7	4.3	3.6	0.8	100	15.9	H	H
2370	6079/2	10 58 11.7	11 02 35	38	0.0383	0.0027	9433.1	226.1	23.9	14.3	1.4	0	12.8	AH	H
	173/1	10 58 10.8	11 02 28	42	0.0353	0.0060	1697.7	38.4	4.6	5.9	1.3	0	12.5	AH	H
2371	7911/2	10 58 13.8	12 19 58	52	0.0132	0.0030	5928.6	30.2	15.8	4.5	1.0	0	27.6	AH	H
2372	6079/3	10 58 17.9	10 49 51	35	0.0098	0.0014	9433.1	69.2	28.8	7.0	5.2	0	0.4	H	H
2373	5230/1	10 58 19.7	72 41 37	35	0.0281	0.0039	2872.6	60.2	9.8	7.2	1.0	0	0.2	AH	Q
	1948/1	10 58 14.2	72 41 53	55	*0.0120	0.0033	3105.4	16.6	4.4	3.6	0.7	703	24.4	AH	Q
	1947/1	10 58 17.5	72 41 58	51	*0.0270	0.0042	3948.3	47.9	8.1	6.4	1.0	805	23.9	AH	Q
2374	6079/4	10 58 25.1	11 18 32	51	0.0160	0.0025	9433.1	56.2	18.8	6.5	1.1	0	28.7	AH	H
	173/2	10 58 25.3	11 19 07	51	0.0472	0.0091	1697.7	29.8	3.2	5.2	1.5	0	29.3	AH	H
2375	1121/2	10 58 48.1	-22 27 40	42	0.0445	0.0070	1612.0	44.4	4.6	6.3	2.0	0	12.9	AH	CLG
	217/1	10 58 47.6	-22 27 21	36	0.0510	0.0088	948.9	36.1	2.9	5.8	1.6	0	0.9	AH	CLG
2376	7844/1	10 58 50.5	10 03 35	42	0.0187	0.0040	2357.4	27.5	6.5	4.7	1.0	0	13.4	H	H
2377	1947/2	10 59 03.0	73 02 40	48	0.0530	0.0057	3948.3	95.7	9.3	9.3	1.1	200	22.8	AH	AGN
	1948/2	10 59 08.0	73 02 57	51	*0.0249	0.0044	3105.4	36.7	4.3	5.7	0.9	1309	22.8	A	AGN
2378	5230/2	10 59 14.0	73 02 52	51	*0.0246	0.0045	2872.6	33.9	4.1	5.5	1.0	906	21.3	AH	AGN
	6079/5	10 59 21.2	10 34 39	48	*0.0269	0.0026	9433.1	123.7	17.3	10.4	1.1	907	21.9	AH	H
	7844/2	10 59 20.4	10 33 38	56	*0.0192	0.0046	2357.4	19.8	3.2	4.1	0.9	1007	23.9	AH	H
	173/3	10 59 21.4	10 33 48	51	0.0586	0.0089	1697.7	45.9	3.1	6.6	1.1	100	22.6	AH	H
2379	6079/6	10 59 25.5	10 55 24	51	0.0074	0.0015	9433.1	39.1	20.9	5.0	1.0	0	17.5	H	H
2380	6079/7	10 59 25.7	10 44 33	61	0.0048	0.0012	9433.1	25.4	16.6	3.9	0.6	0	17.5	H	H
2381	7844/3	10 59 33.7	10 09 57	36	0.0186	0.0037	2357.4	32.7	8.3	5.1	1.2	0	0.4	H	S
2382	1121/3	10 59 37.9	-22 36 26	43	0.0255	0.0055	1612.0	24.8	4.2	4.6	1.0	0	14.3	H	H
2383	2161/1	10 59 44.4	-60 45 13	39	0.0106	0.0020	10899.7	74.3	59.7	5.2	35.5	0	11.7	L	L
2384	4002/1	11 00 13.5	-26 47 56	54	*0.0194	0.0055	1591.5	14.4	2.6	3.5	1.0	501	21.9	H	H
2385	850/1	11 00 16.7	61 55 33	43	0.0175	0.0042	1779.1	21.6	5.4	4.2	0.9	0	6.3	H	S
2386	3249/1	11 00 17.1	45 05 38	65	*0.0051	0.0011	13220.1	35.2	25.8	4.5	2.2	1209	19.3	H	H
2387	3249/2	11 00 22.2	45 07 57	52	0.0055	0.0012	13220.1	40.9	42.1	4.5	1.9	400	17.0	H	H
2388	4047/1	11 00 27.8	28 14 39	37	0.0146	0.0032	2514.3	27.2	7.8	4.6	0.7	0	0.8	H	H
2389	478/1	11 00 28.9	77 15 11	31	0.1376	0.0072	3638.4	372.8	12.2	19.0	1.4	0	0.2	H	Q
2390	10350/1	11 01 01.4	-77 17 33	51	0.0235	0.0044	3128.4	33.5	6.5	5.3	0.9	400	23.3	H	H
2391	4047/2	11 01 30.8	28 31 23	54	*0.0172	0.0041	2514.3	20.9	4.1	4.2	1.0	905	21.2	H	H
2392	3249/3	11 01 35.6	45 19 26	31	0.0868	0.0031	13220.1	855.6	51.4	28.4	1.6	0	0.9	H	S
2393	5208/1	11 01 41.0	38 28 47	31	4.008	0.052	3127.8	9348.7	1873.3	76.7	1.4	0	0.3	AL	

11^h02^m51.7^s — 11^h27^m14.6^s

Number		Position			Intensity			Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±	LIVE-TIME	NET CTS	BKG CTS	S/N				SRC	ID
2394	3110/1	11 02 51.7	43 47 38	36	0.0268	0.0051	1549.6	30.8	4.2	5.2	1.4	0	1.7	H	S
2395	1947/3	11 03 25.2	72 50 14	31	0.1561	0.0074	3948.3	458.5	13.5	21.1	1.1	0	0.4	AH	
	1948/3	11 03 24.1	72 50 32	32	0.0462	0.0046	3105.4	107.0	8.0	10.0	1.1	0	0.7	AH	
	5230/3	11 03 27.0	72 50 12	48	*0.190	0.012	2872.6	242.4	5.6	15.4	1.1	907	24.4	AH	
2396	7873/1	11 03 55.7	-65 19 53	42	0.0088	0.0018	5929.6	36.5	17.5	5.0	0.7	0	5.8		
2397	10350/2	11 04 52.8	-77 05 30	50	0.0547	0.0068	3128.4	70.9	7.1	8.0	1.1	0	25.4	H	
2398	3238/1	11 05 26.1	37 47 54	52	*0.0088	0.0022	5843.8	25.6	14.4	4.0	0.7	401	20.7	H	
2399	10350/3	11 06 03.2	-77 22 04	43	0.0106	0.0027	3128.4	22.3	9.7	3.9	2.6	0	8.7	H	
2400	7873/2	11 06 19.1	-65 09 13	43	0.0090	0.0019	5929.6	33.4	16.6	4.7	0.9	0	13.8	H	
2401	10350/4	11 06 38.0	-77 11 43	55	*0.0111	0.0030	3128.4	18.2	5.8	3.7	4.5	1007	18.6		
2402	10350/5	11 06 43.1	-77 26 02	36	0.0157	0.0030	3128.4	35.3	9.7	5.3	1.7	0	4.2	H	
2403	10350/6	11 06 56.6	-77 18 02	42	0.0128	0.0030	3128.4	25.2	8.8	4.3	0.9	0	11.9	H	
2404	10350/7	11 07 49.5	-77 13 14	48	0.0464	0.0055	3128.4	79.6	8.4	8.5	1.2	0	17.2	H	
2405	6100/1	11 08 02.6	28 59 03	32	0.0199	0.0017	11459.0	167.3	42.7	11.5	6.7	0	3.0	H	CLG
2406	6100/2	11 08 04.8	28 54 42	36	0.0053	0.0011	11459.0	44.2	45.8	4.7	21.5	0	2.9	H	
2407	4236/1	11 08 11.0	-59 59 51	48	0.0177	0.0046	1834.6	20.2	6.8	3.9	1.7	0	13.0	H	*
2408	3122/1	11 08 23.8	35 30 22	52	0.0256	0.0044	3990.6	39.8	7.2	5.8	1.9	0	26.6	H	
2409	10351/1	11 08 25.8	-76 12 17	56	0.0205	0.0046	2278.3	25.2	6.8	4.5	1.5	0	17.5	H	
2410	6100/3	11 08 31.0	28 58 21	35	0.0083	0.0013	11459.0	69.0	45.0	6.5	16.1	0	4.3	H	
2411	10351/2	11 08 32.1	-76 19 02	42	0.0227	0.0044	2278.3	33.5	8.5	5.2	1.0	0	11.2	H	
2412	6100/4	11 08 34.4	28 37 58	66	*0.0049	0.0012	11459.0	28.3	22.7	4.0	0.7	805	19.7	H	
2413	3238/2	11 09 14.9	38 14 09	56	*0.0136	0.0032	5843.8	24.9	9.1	4.3	0.9	501	32.1	H	
2414	7873/3	11 09 19.6	-65 21 49	56	*0.0109	0.0030	5929.6	19.6	9.4	3.6	1.4	801	32.5	H	
2415	3122/2	11 09 22.5	35 44 20	43	0.0131	0.0026	3990.6	30.8	8.2	4.9	1.2	0	14.4	H	
2416	3122/3	11 09 49.0	36 05 22	49	0.0316	0.0039	3990.6	75.2	9.8	8.2	1.6	0	15.3	H	S *
2417	7810/1	11 09 57.9	-60 49 50	55	0.0185	0.0043	5027.7	35.7	12.3	4.1	2.3	400	27.9	L	
2418	10351/3	11 10 13.9	-76 04 06	52	*0.0348	0.0068	2278.3	30.9	5.1	5.2	1.1	801	27.2	H	
2419	2112/1	11 10 19.3	22 11 00	48	0.0270	0.0028	7173.5	112.2	18.8	9.8	1.1	0	15.9	AH	
	2113/1	11 10 18.3	22 10 58	52	0.0086	0.0023	4533.7	22.1	11.9	3.8	0.7	400	16.2	A	
2420	7034/1	11 10 46.4	-26 11 53	41	0.0090	0.0015	9965.9	54.5	23.5	6.2	1.4	0	14.8	H	
2421	10351/4	11 10 54.3	-76 28 00	42	0.0206	0.0042	2278.3	30.8	9.2	4.9	0.9	0	10.2	H	
2422	10351/5	11 10 56.1	-76 20 53	42	0.0276	0.0049	2278.3	37.9	8.1	5.6	0.9	0	14.0	H	
2423	10350/8	11 11 10.6	-77 06 22	52	0.0195	0.0046	3128.4	23.4	7.6	4.2	1.1	0	27.6	H	
2424	4923/1	11 11 38.0	-37 24 40	38	0.233	0.015	1605.5	259.4	4.6	16.0	1.1	0	6.9	H	CV
2425	4923/2	11 11 53.2	-37 54 24	51	0.062	0.011	1605.5	37.8	3.2	5.9	2.5	100	28.6	H	
2426	488/1	11 11 53.6	40 53 41	32	0.0436	0.0037	4748.5	154.1	15.9	11.8	1.2	0	0.2	H	Q
2427	1844/1	11 12 32.5	29 32 14	52	*0.0241	0.0057	1533.2	20.7	3.3	4.2	0.9	805	16.4	H	
2428	488/2	11 12 34.7	40 59 31	38	0.0707	0.0049	4748.5	225.7	15.3	14.5	1.3	0	10.1	H	AGN
2429	5797/1	11 12 40.3	13 10 56	47	0.0082	0.0020	4823.0	25.8	14.2	4.1	1.2	0	11.1	H	
2430	3927/1	11 13 24.1	18 40 49	51	*0.0117	0.0015	16041.8	80.1	31.9	7.6	1.5	702	24.7	H	*
2431	3927/2	11 13 54.6	17 57 45	100	*0.00368	0.00097	16041.8	28.3	27.7	3.8	0.8	1209	22.3	H	
2432	488/3	11 14 01.0	40 43 06	54	0.0102	0.0029	4748.5	19.5	10.5	3.6	1.3	0	26.6	H	
2433	3927/3	11 14 16.1	18 19 34	35	0.00665	0.00098	16041.8	79.4	56.6	6.8	11.7	0	0.2	H	G
2434	3927/4	11 14 16.3	18 25 52	45	0.00431	0.00088	16041.8	48.2	47.8	4.9	1.3	0	6.3	H	
2435	3927/5	11 14 19.5	18 28 24	55	0.00292	0.00082	16041.8	31.4	46.6	3.6	1.9	0	9.0	H	
2436	3927/6	11 14 26.3	18 01 04	55	0.00397	0.00097	16041.8	34.6	37.4	4.1	1.0	0	18.4	H	
2437	3927/7	11 14 32.9	18 28 31	42	0.00414	0.00094	16041.8	44.0	56.0	4.4	0.7	0	10.1	H	
2438	3927/8	11 14 38.0	18 14 07	38	0.0319	0.0018	16041.8	356.4	57.6	17.5	2.7	0	7.4	H	CV
2439	3927/9	11 15 19.6	18 25 19	54	0.00443	0.00098	16041.8	40.8	40.2	4.5	0.8	0	16.4	H	
2440	5189/1	11 15 29.8	31 48 17	31	0.873	0.033	1893.2	1231.5	383.5	26.1	1.7	0	0.7	L	S
2441	5355/1	11 15 42.3	08 02 14	37	0.0175	0.0043	1529.4	19.9	4.1	4.1	1.2	0	0.4	H	Q
2442	5152/1	11 15 48.6	14 03 49	69	*0.0088	0.0024	12680.4	22.7	16.3	3.6	0.8	907	29.6	EH	
2443	5339/1	11 16 30.5	21 35 42	31	0.158	0.011	1887.7	222.5	5.5	14.7	1.8	0	0.2	H	Q
2444	5355/2	11 17 08.6	07 52 04	52	*0.0261	0.0066	1529.4	18.2	2.8	4.0	1.0	905	24.0	H	
2445	5152/2	11 17 40.4	13 51 44	41	0.0276	0.0018	12680.4	261.4	41.6	15.0	1.8	0	0.4	H	G
2446	3057/1	11 17 59.2	-61 24 29	42	0.0210	0.0039	2766.3	37.8	11.2	5.4	0.9	0	11.8	H	
2447	5152/3	11 18 01.6	13 50 56	39	0.0104	0.0013	12680.4	94.5	41.5	8.1	4.8	0	5.3	H	*
2448	3057/2	11 18 43.6	-61 38 14	35	0.0265	0.0040	2766.3	53.0	12.0	6.6	1.0	0	4.0	H	
2449	5152/4	11 18 45.8	13 48 32	55	0.0047	0.0011	12680.4	34.8	29.2	4.4	1.4	0	16.5	H	
2450	817/1	11 19 01.3	-60 20 49	31	0.512	0.013	3873.8	1480.2	15.8	38.3	1.1	0	0.2	H	
2451	5152/5	11 19 02.4	13 28 41	52	*0.0109	0.0019	12680.4	48.9	22.1	5.8	1.2	1002	30.8	H	
2452	8428/1	11 19 11.8	12 00 52	32	0.133	0.011	1531.7	151.9	4.1	12.2	1.4	0	0.4	H	Q
2453	817/2	11 19 37.4	-60 30 17	47	0.0083	0.0023	3873.8	21.2	12.8	3.6	0.6	0	10.4	H	
2454	10228/1	11 20 03.5	-07 53 21	55	*0.0186	0.0040	5606.3	28.0	8.0	4.7	1.2	704	34.3	H	
2455	10228/2	11 20 40.5	-08 48 14	56	0.0084	0.0023	5606.3	20.7	12.3	3.6	1.1	300	24.8	H	
2456	10228/3	11 21 01.6	-08 23 16	35	0.0178	0.0023	5606.3	73.8	19.2	7.6	1.4	0	1.1	H	
2457	5231/1	11 21 16.1	43 29 18	69	0.0071	0.0020	8318.7	22.5	18.5	3.5	0.7	400	27.8	H	
2458	233/1	11 21 23.6	21 45 46	32	0.0555	0.0067	1794.8	74.3	5.7	8.3	2.4	0	0.8	H	CLG
2459	5231/2	11 22 18.0	43 35 59	48	*0.0234	0.0025	8318.7	102.3	15.7	9.4	1.2	1609	19.2	H	
2460	2162/1	11 22 24.9	-58 59 06	31	0.735	0.048	1780.2	973.0	1593.0	15.1	4.5	0	0.4	L	
2461	172/1	11 22 29.8	71 20 23	43	0.0112	0.0029	2833.6	22.2	11.8	3.8	0.8	0	6.6	H	
2462	2646/1	11 22 48.9	54 39 18	36	0.105	0.019	402.0	31.5	1.5	5.5	1.5	0	0.4	H	
2463	5231/3	11 24 03.5	42 53 51	57	*0.0091	0.0024	8318.7	23.4	14.6	3.8	1.2	1509	32.2	H	
2464	172/2	11 24 27.0	71 23 58	36	0.0144	0.0031	2833.6	29.8	12.2	4.6	1.6	0	3.2	H	
2465	5231/4	11 25 01.0	43 27 20	48	0.0049	0.0014	8318.7	25.5	25.5	3.6	1.2	0	12.9	H	
2466	5231/5	11 25 17.6	43 24 40	51	0.0085	0.0017	8318.7	40.7	25.3	5.0	0.8	300	16.2	H	
2467	331/1	11 25 45.1	24 09 41	47	0.0082	0.0023	3492.1	19.3	9.7	3.6	0.7	0	9.0	H	
2468	5231/6	11 26 48.4	43 26 48	52	*0.0174	0.0030	8318.7	45.0	15.0	5.8	1.4	1007	32.7	H	
2469	6293/1	11 26 58.5	56 16 28	56	*0.0083	0.0020	6587.5	27.9	16.1	4.2	0.9	906	20.3	H	
2470	331/2	11 27 14.6	24 05												

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
2471	7300/1	11 27 36.4	-14 32 46	35	0.0479	0.0063	1785.5	63.8	6.2	7.6	0.9	0	0.2	AH	Q
	7301/1	11 27 35.9	-14 32 37	35	0.0466	0.0071	1384.6	47.9	5.1	6.6	1.0	0	0.4	AH	Q
	3443/1	11 27 36.1	-14 32 22	51	0.0328	0.0060	1820.3	34.1	4.9	5.5	0.9	500	16.0	AH	Q
2472	8936/1	11 27 44.0	-65 38 29	42	0.0383	0.0065	1623.9	38.1	3.9	5.9	0.9	0	12.8	H	H
2473	7300/3	11 27 53.1	-15 02 42	51	0.0431	0.0088	1785.5	27.3	3.7	4.9	1.2	400	30.0	H	H
2474	3443/2	11 27 54.3	-14 18 41	34	0.0549	0.0067	1820.3	73.7	6.3	8.2	3.8	0	1.5	AH	H
	7300/2	11 27 50.0	-14 18 28	50	0.0590	0.0078	1785.5	61.9	5.1	7.6	4.0	0	15.0	AH	H
	7301/2	11 27 51.5	-14 18 20	50	0.0735	0.0099	1384.6	59.1	3.9	7.4	3.3	200	15.3	AH	H
2475	3965/1	11 28 31.0	-31 30 39	32	0.0833	0.0073	2158.6	133.9	5.1	11.4	1.5	0	0.4	H	H
2476	6293/2	11 29 28.2	56 09 11	42	0.0109	0.0020	6587.5	47.4	25.6	5.5	10.6	0	9.8	H	H
2477	6293/3	11 29 35.4	56 14 52	31	0.0429	0.0032	6587.5	201.6	28.4	13.3	2.7	0	4.5	H	CLG
2478	6293/4	11 29 36.0	56 01 01	55	*0.0079	0.0020	6587.5	27.7	20.3	4.0	0.9	906	18.4	H	H
2479	3965/2	11 30 13.0	31 19 08	52	*0.0214	0.0051	2158.6	20.5	3.5	4.2	0.8	702	24.7	H	H
2480	6120/1	11 31 18.3	49 19 58	42	0.0089	0.0018	6406.9	39.5	25.5	4.9	12.1	0	7.6	H	H
2481	6120/2	11 31 24.4	48 55 38	51	0.0149	0.0027	6406.9	41.1	15.9	5.4	0.8	0	25.3	H	H
2482	6120/3	11 31 27.8	49 31 58	42	0.0081	0.0019	6406.9	31.7	23.3	4.3	0.6	0	13.4	H	H
2483	6120/4	11 32 05.8	49 21 51	36	0.0133	0.0020	6406.9	62.8	27.2	6.6	7.5	0	2.0	H	CLG
2484	3468/1	11 32 40.3	21 53 21	55	*0.0132	0.0036	2282.9	17.2	4.8	3.7	0.7	601	15.4	H	H
2485	4237/1	11 33 23.8	-62 44 37	51	0.0130	0.0022	8107.1	48.3	17.7	6.0	1.1	0	23.6	H	H
2486	4237/2	11 33 25.9	-62 58 21	52	0.0078	0.0016	8107.1	36.8	19.2	4.9	1.0	0	15.8	H	H
2487	4601/1	11 33 34.8	70 26 04	31	1.972	0.035	3154.2	4594.6	529.4	56.6	1.3	0	1.1	AL	*
	9157/1	11 33 34.8	70 26 09	31	0.681	0.016	6026.8	3056.6	872.4	41.8	1.7	0	0.3	AL	*
2488	5938/1	11 33 42.5	16 18 12	42	0.0139	0.0028	3379.4	30.6	8.4	4.9	0.9	0	11.5	H	H
2489	6120/5	11 33 51.9	49 23 54	56	0.0080	0.0020	6406.9	27.8	20.2	4.0	0.7	0	17.7	H	H
2490	3468/2	11 33 53.9	21 52 29	36	0.0217	0.0039	2282.9	36.7	6.3	5.6	1.2	0	1.9	H	SY
2491	8995/1	11 34 42.6	-08 45 17	55	*0.0105	0.0025	4807.0	22.9	8.1	4.1	2.6	1109	22.6	H	H
2492	8995/2	11 34 48.7	-09 00 49	43	0.0106	0.0022	4807.0	32.7	14.3	4.8	1.0	0	11.9	H	H
2493	7209/1	11 35 07.8	-37 33 15	51	0.0088	0.0021	7442.2	36.8	19.2	4.0	0.9	0	17.1	L	L
2494	8995/3	11 35 25.3	-09 33 28	56	0.0116	0.0031	4807.0	21.0	10.0	3.8	1.4	0	29.0	H	H
2495	4237/3	11 35 28.6	-63 02 28	32	0.0182	0.0020	8107.1	109.1	29.9	9.3	3.0	0	1.5	H	H
2496	4237/4	11 35 47.5	-62 48 54	41	0.0127	0.0018	8107.1	63.8	22.2	6.9	0.9	0	13.0	H	H
2497	4237/5	11 35 52.3	-62 55 13	42	0.0099	0.0016	8107.1	55.8	24.2	6.2	1.7	0	7.1	H	H
2498	4237/6	11 35 59.2	-63 05 45	32	0.0251	0.0023	8107.1	146.4	28.6	11.1	2.1	0	4.1	H	H
2499	3530/1	11 36 33.0	34 13 16	48	0.219	0.016	2441.8	202.0	4.0	14.1	1.8	0	27.5	H	H
2500	8995/4	11 36 33.5	-09 03 55	52	0.0101	0.0024	4807.0	28.9	16.1	4.3	1.1	0	15.3	H	H
2501	7209/2	11 36 33.8	-37 27 43	31	0.840	0.014	7442.2	4644.6	338.4	58.5	1.2	0	0.8	L	L
2502	6348/1	11 36 46.8	28 52 44	51	0.0144	0.0023	6037.3	47.3	11.7	6.2	0.8	300	18.5	H	H
2503	5421/1	11 37 09.5	66 04 32	31	0.0939	0.0036	10427.1	729.3	38.7	26.3	1.3	0	0.2	AH	Q
2504	4237/7	11 37 28.2	-63 11 48	51	0.0150	0.0020	8107.1	70.3	19.7	7.4	1.2	0	15.2	H	H
2505	5421/2	11 37 37.0	66 25 34	51	0.0088	0.0017	10427.1	45.6	28.4	5.3	0.9	0	21.1	H	H
2506	5534/1	11 37 52.7	-43 54 35	51	0.0198	0.0041	2472.6	27.9	6.1	4.8	0.8	400	15.8	H	H
2507	3207/1	11 38 05.0	52 16 27	32	0.0893	0.0098	1306.8	87.0	5.0	9.1	1.1	0	0.2	H	CV
2508	5356/1	11 38 08.1	04 00 37	43	0.0119	0.0030	2930.9	23.3	10.7	4.0	0.9	0	9.2	H	H
2509	3530/2	11 38 27.4	34 28 57	32	0.0957	0.0074	2441.8	174.1	6.9	12.9	1.7	0	0.9	H	S
2510	5421/3	11 38 40.3	65 53 40	42	0.0064	0.0013	10427.1	40.1	30.9	4.8	1.0	300	14.2	H	H
2511	6694/1	11 38 41.6	10 45 07	54	*0.0219	0.0056	1618.7	17.5	2.5	3.9	1.2	704	20.5	H	H
2512	6694/2	11 39 42.3	10 40 13	41	0.0452	0.0066	1618.7	50.1	3.9	6.8	1.5	0	7.4	H	AGN
2513	7707/1	11 40 12.2	-64 48 49	56	0.0148	0.0035	3984.5	25.3	10.7	4.2	1.3	0	24.3	H	H
2514	296/1	11 40 18.5	20 18 05	55	0.0096	0.0017	23776.7	96.8	95.2	5.6	161.1	0	25.0	L	AGN
2515	6244/1	11 40 43.9	71 58 03	48	*0.302	0.023	1546.0	182.4	4.6	13.3	1.2	401	27.7	H	H
2516	296/2	11 41 24.4	-20 13 09	38	0.0104	0.0018	23776.7	165.6	345.4	5.7	74.9	0	9.3	H	RS
2517	3943/1	11 41 37.1	-60 50 57	51	*0.0372	0.0063	1917.1	37.3	2.7	5.9	1.0	905	19.9	H	H
2518	6101/1	11 42 17.1	56 19 02	55	0.0088	0.0024	5996.7	22.2	14.8	3.6	1.0	0	25.5	H	H
2519	5421/4	11 42 24.8	66 10 54	56	*0.0102	0.0023	10427.1	30.5	18.5	4.4	1.8	801	32.6	H	H
2520	7707/2	11 42 29.5	-64 21 57	40	0.0329	0.0039	3984.5	83.9	14.1	8.5	1.1	0	12.4	H	H
2521	296/3	11 42 29.6	19 53 13	48	0.0625	0.0030	23776.7	867.2	357.8	20.9	26.9	0	16.1	AL	G
	6060/1	11 42 29.3	19 53 05	38	0.0568	0.0041	10511.2	424.2	223.8	13.8	24.2	0	6.0	AL	G
2522	7618/1	11 42 48.7	-04 09 27	31	0.0701	0.0052	3707.3	193.7	15.3	13.4	1.2	0	0.4	H	CV
2523	6101/2	11 42 59.7	55 57 58	41	0.0145	0.0023	5996.7	55.5	22.5	6.3	0.9	0	12.3	H	H
2524	7618/2	11 43 29.6	-04 11 02	39	0.0351	0.0041	3707.3	86.4	13.6	8.6	1.2	0	10.7	H	H
2525	10229/1	11 43 30.2	-16 43 56	55	0.0075	0.0017	7310.7	30.2	15.8	4.4	1.2	0	17.2	H	H
2526	5190/1	11 43 37.6	20 40 28	52	0.0223	0.0054	2439.3	20.8	5.2	4.1	1.0	0	27.3	H	G
2527	10229/2	11 43 48.5	-16 21 42	56	*0.0053	0.0015	7310.7	21.5	14.5	3.6	0.6	704	16.7	H	H
2528	6101/3	11 44 00.6	55 53 22	43	0.0069	0.0018	5996.7	28.6	25.4	3.9	0.9	0	7.8	H	H
2529	6101/4	11 44 30.7	55 59 32	37	0.0100	0.0019	5996.7	44.4	23.6	5.4	4.3	0	2.0	H	CLG
2530	6101/5	11 44 49.8	56 01 44	36	0.0093	0.0019	5996.7	40.5	24.5	5.0	5.2	0	4.0	H	H
2531	3942/1	11 45 02.8	-61 40 32	48	*0.129	0.023	1577.7	74.2	26.0	5.7	1.3	401	30.7	IL	P
2532	7712/1	11 45 09.3	01 05 22	35	0.0166	0.0026	4228.2	52.3	16.7	6.3	1.3	0	0.2	H	H
2533	7712/2	11 45 10.3	00 33 11	52	0.0186	0.0042	4228.2	24.9	6.1	4.5	0.8	500	31.9	H	H
2534	5190/2	11 45 24.5	20 29 42	31	0.259	0.012	2439.3	469.3	8.7	21.5	1.2	0	0.6	H	H
2535	3942/2	11 45 32.0	-61 55 37	48	*0.493	0.037	1577.7	295.6	2.7						

11^h48^m06.5^s — 12^h09^m00.6^s

Number		Position			Intensity			Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±	LIVE-TIME	NET CTS	BKG CTS	S/N				SRC	ID
2544	4455/1	11 48 06.5	02 02 43	32	0.0723	0.0087	1346.9	72.6	4.4	8.3	1.2	0	0.7	H	S
2545	3549/2	11 48 10.4	-00 07 31	42	0.0274	0.0050	1902.4	34.0	5.0	5.4	1.1	0	12.3	H	
2546	6244/2	11 48 22.2	71 25 01	51	0.0423	0.0084	1546.0	30.8	6.2	5.1	0.9	100	21.8	H	G
2547	5800/1	11 48 29.8	-28 31 23	35	0.0180	0.0026	4464.6	59.8	12.2	7.0	1.7	0	0.4	H	
2548	10200/2	11 48 30.8	-62 19 42	38	0.048	0.012	2110.2	65.0	106.0	3.9	14.6	0	10.9	L	
2549	4605/1	11 48 32.6	35 33 14	43	0.0152	0.0031	2975.8	30.3	7.7	4.9	1.2	0	9.6	H	S
2550	3942/3	11 48 51.0	-62 00 39	38	0.101	0.019	1577.7	96.3	108.7	5.3	5.7	0	14.1	L	
2551	7107/1	11 49 16.0	03 35 37	43	0.0054	0.0014	7984.4	28.0	28.0	3.7	0.8	0	10.5	H	
2552	8705/2	11 49 24.3	11 23 34	56	*0.0337	0.0068	2887.2	29.1	4.9	5.0	1.4	1003	33.1	H	
2553	7107/2	11 49 35.9	03 33 49	42	0.0064	0.0015	7984.4	34.6	31.4	4.3	0.9	0	8.9	H	
2554	7107/3	11 50 05.6	03 45 35	52	0.0154	0.0023	7984.4	57.1	18.9	6.5	2.1	200	22.7	H	
2555	308/1	11 52 45.7	23 41 10	31	0.208	0.013	1738.0	265.2	6.8	16.1	2.1	0	2.0	H	CLG
2556	3941/1	11 52 56.3	-60 35 31	56	*0.0116	0.0031	2793.6	17.1	3.9	3.7	0.8	1409	18.5	H	
2557	308/2	11 53 00.4	23 44 12	42	0.0316	0.0055	1738.0	38.6	6.4	5.8	13.1	0	5.9	H	
2558	3636/1	11 53 09.2	71 57 01	43	0.048	0.011	631.4	20.5	2.5	4.3	0.8	0	9.2	H	
2559	7760/1	11 54 12.7	42 54 55	51	*0.0160	0.0032	4388.3	33.5	11.5	5.0	0.8	401	22.3	H	
2560	5537/1	11 54 43.4	-27 28 10	47	0.0090	0.0025	3212.7	19.2	8.8	3.6	0.7	0	10.3	H	
2561	4548/1	11 55 27.7	55 43 52	31	0.235	0.016	1282.0	224.8	5.2	14.8	1.2	0	0.4	H	G
2562	5537/2	11 55 23.2	-27 25 08	37	0.0098	0.0024	3212.7	23.4	9.6	4.1	1.2	0	0.7	H	
2563	1847/1	11 55 56.3	26 46 30	47	0.0138	0.0036	2079.9	19.8	7.2	3.8	1.3	0	8.2	H	
2564	5232/1	11 56 36.4	53 23 08	41	0.0184	0.0029	4308.2	51.7	13.3	6.4	0.9	0	10.8	H	
2565	4548/2	11 57 21.1	55 48 26	52	0.0337	0.0074	1282.0	24.1	3.9	4.6	0.9	0	17.6	H	
2566	7200/1	11 58 18.0	44 54 44	51	0.0130	0.0026	8796.6	47.7	17.3	4.9	1.0	0	25.2	L	
2567	8350/1	11 58 19.4	58 28 20	41	0.0112	0.0016	10981.7	75.1	38.9	7.0	1.0	0	13.2	H	*
2568	8350/2	11 58 31.3	58 35 24	53	0.0057	0.0014	10981.7	32.9	32.1	4.1	0.8	500	18.2	H	*
2569	8350/3	11 58 33.5	58 43 28	55	0.0079	0.0018	10981.7	35.7	27.3	4.5	1.4	0	26.0	H	
2570	4289/1	11 58 41.6	-03 23 59	38	0.2562	0.0097	4070.9	711.0	12.0	26.4	1.2	0	8.8	H	
2571	5117/1	11 58 57.7	01 28 35	51	0.0259	0.0068	3608.6	37.4	27.6	3.7	1.5	0	26.6	L	Q
2572	4289/2	11 59 12.9	-03 28 44	36	0.0094	0.0021	4070.9	28.6	12.4	4.5	0.7	0	0.4	H	
2573	7054/1	11 59 20.4	-18 35 58	32	0.0219	0.0026	5213.3	84.8	15.2	8.5	1.8	0	0.2	AH	G
2574	469/1	11 59 19.8	-18 34 54	36	0.0333	0.0054	1740.0	43.0	5.0	6.2	1.7	0	0.8	AH	G
2575	8350/4	11 59 33.6	58 19 05	31	0.0298	0.0021	10981.7	243.5	44.5	14.3	3.7	0	1.3	H	CLG
2576	4258/1	11 59 58.0	28 12 43	54	*0.0141	0.0035	4175.8	22.0	8.0	4.0	1.3	401	28.8	H	
2577	4289/3	12 00 11.1	-03 30 04	52	0.0095	0.0024	4070.9	22.8	9.2	4.0	0.7	400	15.1	H	
2578	7054/2	12 00 18.0	-18 28 60	53	0.0094	0.0021	5213.3	28.7	10.3	4.6	0.8	0	15.3	H	
2579	7200/2	12 00 37.2	44 48 34	31	0.471	0.011	8796.6	3082.0	645.0	43.8	1.5	0	0.7	L	SY
2579	2601/1	12 01 17.3	02 22 24	42	0.0103	0.0019	10359.0	62.9	29.1	5.4	0.8	0	14.7	L	
2580	7200/3	12 01 21.3	45 08 21	51	*0.0119	0.0028	8796.6	49.6	22.4	4.1	1.1	603	21.8	L	
2581	4258/2	12 01 31.1	28 24 08	50	0.0260	0.0035	4175.8	64.0	10.0	7.4	1.4	0	15.6	H	CLG
2582	7200/4	12 01 39.0	44 48 11	43	0.0064	0.0017	8796.6	36.6	25.4	3.7	1.0	0	11.4	L	
2583	2601/2	12 01 53.5	02 10 28	31	0.0842	0.0049	10359.0	650.4	361.6	17.0	3.3	0	0.5	L	CLG
2584	4258/3	12 02 09.4	28 11 02	31	0.2021	0.0081	4175.8	629.1	11.9	24.8	1.6	0	0.2	AH	Q
2585	6697/1	12 02 10.7	28 10 49	50	*0.103	0.014	1604.9	58.0	3.0	7.4	1.5	1209	30.1	AH	Q
2585	255/1	12 02 31.3	63 51 53	61	*0.056	0.015	2072.9	16.0	3.0	3.7	0.0	1002	40.0	AH	EH
2586	7487/1	12 03 45.2	-00 44 11	55	0.0137	0.0035	3182.6	20.3	6.7	3.9	1.0	0	22.2	H	
2587	5538/1	12 03 47.3	-24 18 42	55	0.0222	0.0056	2865.2	20.2	5.8	4.0	1.1	300	28.4	H	
2588	4615/1	12 03 58.2	22 32 22	36	0.0225	0.0044	1871.5	31.4	6.6	5.1	1.1	0	0.4	H	
2589	6697/2	12 04 06.1	28 26 41	36	0.0284	0.0053	1604.9	34.0	6.0	5.4	1.6	0	0.4	AH	CLG
2590	4258/4	12 04 10.9	28 26 42	52	0.0218	0.0044	4175.8	30.3	7.7	4.9	3.2	200	31.1	AH	CLG
2590	5042/1	12 05 04.9	-62 10 48	51	*0.0226	0.0038	5435.3	42.6	9.4	5.9	1.0	401	29.3	H	
2591	6697/3	12 05 20.0	28 19 31	52	0.0311	0.0063	1604.9	27.6	3.4	5.0	1.0	200	18.2	H	
2592	6865/1	12 05 43.9	64 27 31	39	0.0251	0.0026	6486.0	112.9	28.1	9.5	1.6	0	7.7	H	AGN
2593	5801/1	12 05 44.2	-29 21 07	52	*0.0102	0.0022	6560.9	31.3	14.7	4.6	1.0	501	22.8	H	
2594	5538/2	12 05 49.8	-24 27 05	32	0.0654	0.0057	2865.2	139.6	9.4	11.4	1.3	0	0.2	H	
2595	6865/2	12 05 50.2	64 23 40	36	0.0072	0.0017	6486.0	33.8	28.2	4.3	4.9	0	4.6	H	
2596	3966/1	12 07 09.9	32 40 29	51	*0.065	0.010	1944.5	43.1	2.9	6.4	1.4	1109	30.0	H	
2597	5412/1	12 07 01.2	-39 58 55	37	0.0186	0.0048	1344.8	18.6	4.4	3.9	0.8	0	0.6	H	Q
2598	3966/2	12 07 12.2	32 33 50	52	*0.0319	0.0063	1944.5	28.1	2.9	5.1	1.2	1108	22.9	H	
2599	2163/1	12 07 24.9	-52 09 39	32	0.0503	0.0062	3229.1	117.2	36.8	8.0	1.4	0	4.6	AL	SNR
2599	5898/1	12 07 22.3	-52 09 58	50	0.055	0.011	2096.1	44.6	12.4	4.9	1.0	0	27.2	AL	SNR
2600	5900/1	12 07 24.3	-52 09 21	51	0.059	0.010	1935.8	45.5	4.5	5.6	1.0	0	27.7	AL	SNR
2600	9679/1	12 07 25.5	-52 09 50	48	*0.0861	0.0081	6540.9	272.3	15.7	10.5	1.2	804	22.5	AL	SNR
2600	353/1	12 07 55.2	39 45 60	38	0.0617	0.0022	19928.5	875.7	65.3	28.5	6.9	0	6.1	AH	AGN
2600	352/1	12 07 56.3	39 45 44	38	0.0530	0.0035	6901.0	256.6	22.4	15.4	7.9	0	6.0	AH	AGN
2601	353/2	12 07 55.9	39 25 44	49	0.00272	0.00077	19928.5	32.1	49.9	3.5	10.3	0	13.7	H	
2602	5539/1	12 07 58.4	-01 01 07	51	*0.0137	0.0022	7137.6	48.3	12.7	6.2	1.1	704	20.2	H	
2603	353/3	12 08 01.4	39 41 14	31	0.2596	0.0042	19928.5	3860.8	66.2	61.6	1.7	0	1.3	AH	SY
2603	352/2	12 08 01.9	39 41 01	31	0.2642	0.0073	6901.0	1348.2	25.8	36.4	1.6	0	1.3	AH	SY
2604	3966/3	12 08 05.8	32 13 52	35	0.0368	0.0053	1944.5	53.4	6.6	6.9	1.2	0	0.4	H	
2605	353/4	12 08 14.6	39 24 50	55	0.00320	0.00084	19928.5	36.6	54.4	3.8	7.9	0	15.3	AH	
2606	352/3	12 08 13.7	39 25 15	54	0.0058	0.0016	6901.0	23.9	21.1	3.6	0.7	0	15.1	AH	
2606	353/5	12 08 18.2	39 45 12	38	0.0140	0.0012	19928.5	198.3	67.7	12.2	30.5	0	6.5	AH	G
2606	352/4	12 08 19.5	39 44 49	42	0.0104	0.0018	6901.0	50.4	24.6	5.8	41.9	0	6.2	AH	G
2607	353/6	12 08 36.0	39 24 45	51	*0.0069	0.0010	19928.5	75.6	48.4	6.8	3.6	601	16.6	H	S
2608	352/5	12 08 45.6	39 28 10	53	0.0060	0.0017	6901.0	24.9	24.1	3.6	0.8	0	15.0	AH	CLG
2608	353/7	12 08 44.0	39 28 45	39	0.0095	0.0011	19928.5	112.5	53.5	8.7	2.9	100	14.1	AH	CLG
2609	6974/1	12 08 51.7	13 26 09	42	0.0093	0.0021	5108.6	29.4	13.6	4.5	1.0	0	13.2	AH	
2610	5539/2	12 08 57.9	-01 26 23	56	0.0055	0.0015	7137.6	22.9	18.1	3.6	0.7	0	16.0	H	
2611	353/8	12 09 03.4	39 17 59	50	0.0115	0.0014	19928.5	96.2	38.8	8.3	1.2	0	25.1	AH	
26															

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
2612	5539/3	12 09 17.8	-01 14 30	37	0.0055	0.0014	7137.6	28.7	22.3	4.0	0.8	0	4.4	H	
2613	6974/2	12 09 20.6	13 05 24	52	*0.0102	0.0025	5108.6	23.4	9.6	4.1	0.9	702	24.1	H	
2614	6978/1	12 09 34.4	15 05 59	55	0.0105	0.0024	6504.6	29.4	16.6	4.3	1.0	0	24.3	H	
2615	6977/1	12 10 23.4	10 45 26	61	*0.0106	0.0026	4640.4	21.7	7.3	4.0	0.9	906	23.5	H	
2616	7473/1	12 10 36.8	12 22 31	55	*0.0074	0.0021	4893.2	20.0	11.0	3.6	0.9	907	17.5	H	
2617	7816/1	12 11 14.1	36 54 24	42	0.0220	0.0038	3008.5	41.9	9.1	5.9	0.9	0	12.2	A	
	7817/1	12 11 14.5	36 54 28	43	0.0144	0.0028	3708.6	34.1	10.9	5.1	1.0	0	12.2	A	
2618	4303/1	12 11 19.0	13 27 08	52	0.0099	0.0021	8710.9	33.4	18.6	4.6	0.9	0	27.9	H	
2619	6979/1	12 11 36.8	15 04 55	42	0.0068	0.0015	7365.0	33.8	23.2	4.5	1.0	0	7.9	H	
2620	5341/1	12 11 45.3	14 19 49	31	0.689	0.030	1795.4	922.6	292.4	22.5	1.7	0	0.2	AL	Q
	6982/1	12 11 44.3	14 19 45	48	0.906	0.022	6305.6	2700.9	569.1	40.8	1.6	100	21.8	AL	Q
2621	7473/2	12 11 51.0	12 05 53	50	0.0368	0.0046	4893.2	73.0	11.0	8.0	1.4	200	26.8	H	
2622	6979/2	12 11 52.0	14 55 30	51	0.0110	0.0020	7365.0	43.3	18.7	5.5	0.9	100	17.5	H	
2623	3922/1	12 11 53.0	33 28 48	46	0.0161	0.0045	1543.6	17.0	5.0	3.6	0.8	0	8.4	H	
2624	6978/2	12 11 59.2	15 20 59	42	0.0094	0.0020	6504.6	36.4	21.6	4.8	0.9	0	14.7	AH	
	6979/3	12 12 00.4	15 20 60	48	0.0059	0.0016	7365.0	25.8	21.2	3.8	1.1	0	14.1	AH	
2625	6979/4	12 12 07.1	15 01 02	55	*0.0059	0.0016	7365.0	24.8	18.2	3.8	0.8	703	15.9	H	
2626	3922/2	12 12 34.3	33 28 39	32	0.0912	0.0091	1543.6	104.8	5.2	10.0	1.5	0	0.2	H	G
2627	4303/2	12 12 50.2	13 25 42	42	0.0054	0.0013	8710.9	33.2	29.8	4.2	1.0	0	5.8	H	
2628	5153/1	12 12 59.6	37 48 53	56	*0.0089	0.0016	13735.1	45.4	19.6	5.6	1.0	1308	28.4	H	*
2629	5803/1	12 12 59.9	70 08 22	61	*0.0053	0.0013	13484.8	32.2	30.8	4.1	0.7	802	24.2	H	
2630	5803/2	12 13 17.6	70 02 59	55	0.0042	0.0012	13484.8	30.9	41.1	3.6	0.6	0	19.0	H	
2631	3208/1	12 13 22.1	72 49 43	31	0.606	0.027	1660.4	749.6	90.4	22.7	1.2	0	0.1	L	CV
2632	4303/3	12 13 26.5	12 57 56	57	*0.0067	0.0017	8710.9	24.8	14.2	4.0	0.7	1609	25.2	H	
2633	5153/2	12 13 54.6	38 09 30	45	0.0043	0.0010	13735.1	35.5	39.5	4.1	0.7	100	13.7	H	
2634	6711/1	12 14 07.4	07 29 09	41	0.0299	0.0062	2132.8	44.5	17.5	4.7	1.1	0	7.2	L	
2635	5153/3	12 14 23.0	38 11 08	38	0.0210	0.0017	13735.1	192.2	44.8	12.5	1.1	0	9.2	L	
2636	5153/4	12 14 27.8	38 00 33	42	0.0062	0.0011	13735.1	58.8	51.2	5.6	0.9	0	7.8	H	BL*
2637	6711/2	12 14 36.5	07 28 14	31	0.112	0.010	2132.8	178.3	31.7	10.6	1.2	0	0.3	L	
2638	7036/1	12 14 42.7	28 06 50	50	0.0183	0.0023	10103.0	82.3	21.7	8.1	1.1	100	23.2	L	
2639	5313/1	12 14 55.9	-63 53 03	52	*0.0198	0.0044	3068.5	23.7	4.3	4.5	0.9	1509	27.7	H	
2640	7816/2	12 15 05.4	36 58 29	68	*0.0201	0.0054	3008.5	17.4	4.6	3.7	2.3	1209	33.3	H	
2641	5803/3	12 15 06.8	69 32 18	39	0.0123	0.0015	13484.8	101.2	49.8	8.2	1.1	0	13.2	H	S
2642	7036/2	12 15 16.4	28 47 28	55	0.0064	0.0014	10103.0	33.0	19.0	4.6	0.7	400	20.6	H	
2643	3239/1	12 15 20.6	33 50 53	58	0.0173	0.0042	4884.6	22.5	7.5	4.1	2.1	200	35.1	H	
2644	2715/1	12 15 21.7	30 23 41	31	0.1709	0.0099	2433.4	309.4	8.6	17.3	1.2	0	0.6	AH	
	6712/1	12 15 21.4	30 23 25	48	0.175	0.013	2440.5	230.6	10.4	13.2	1.1	0	17.7	AH	
2645	2715/2	12 15 28.6	30 49 53	53	0.0184	0.0049	2433.4	18.2	4.8	3.8	0.8	0	26.0	AL	
2646	4306/1	12 15 41.3	14 42 23	42	0.0059	0.0012	10781.0	43.6	37.4	4.8	0.7	0	8.7	H	
2647	5803/4	12 15 55.1	69 16 33	62	*0.0072	0.0016	13484.8	33.8	22.2	4.5	0.9	1509	29.7	H	
2648	6712/2	12 15 56.5	30 05 35	31	0.537	0.021	2440.5	939.5	114.5	25.4	1.3	0	4.5	AL	SY
	2715/3	12 15 56.4	30 05 34	48	0.361	0.017	2433.4	462.3	5.7	21.4	1.2	0	19.6	AH	SY
2649	7036/3	12 16 08.1	28 19 11	43	0.0062	0.0013	10103.0	40.9	26.1	5.0	0.9	0	11.2	H	S
2650	4306/2	12 16 19.8	14 41 38	35	0.0100	0.0014	10781.0	79.7	40.3	7.3	1.1	0	0.6	H	
2651	7036/4	12 16 20.5	28 10 26	57	*0.0053	0.0013	10103.0	27.1	19.9	3.9	0.8	703	19.4	H	
2652	532/1	12 16 23.3	02 16 21	52	0.0210	0.0047	2135.7	23.7	4.3	4.5	1.0	0	19.2	H	
2653	6984/1	12 16 29.5	13 00 50	45	0.0073	0.0020	5051.2	24.0	17.0	3.7	0.6	0	11.1	H	
2654	5374/1	12 16 49.2	06 55 08	32	0.0740	0.0087	1407.8	77.8	5.2	8.5	2.0	0	0.4	H	Q
2655	6309/1	12 16 50.1	06 06 24	32	0.0204	0.0032	6905.9	105.0	76.0	6.3	1.5	0	0.8	AL	G
	2672/1	12 16 50.3	06 06 24	35	0.0281	0.0046	2148.8	45.1	8.9	6.1	1.5	0	0.2	AH	G
2656	5374/2	12 16 58.8	07 00 06	42	0.0450	0.0071	1407.8	44.8	5.2	6.3	4.0	0	5.6	H	
2657	5803/5	12 17 04.3	69 30 51	56	*0.0071	0.0013	13484.8	48.1	23.9	5.7	1.0	1108	20.2	H	Q
2658	6309/2	12 17 15.4	06 02 23	39	0.0172	0.0028	6905.9	81.7	42.3	6.0	1.3	0	8.5	L	
2659	2035/1	12 17 22.8	28 42 21	56	*0.0195	0.0055	1780.4	15.5	3.5	3.6	1.3	1006	23.9	H	
2660	5424/1	12 17 28.9	75 49 04	50	0.0108	0.0014	13112.9	82.0	36.0	7.5	1.0	0	16.2	H	
2661	532/2	12 17 38.6	02 20 31	31	0.251	0.013	2135.7	399.4	6.6	19.8	1.4	0	0.2	AH	Q
	9611/1	12 17 38.6	02 20 14	31	0.184	0.013	1491.9	204.2	4.8	14.1	1.4	0	0.4	AH	Q
	9613/1	12 17 38.8	02 20 12	31	0.174	0.012	1581.8	205.6	5.4	14.2	1.5	0	0.4	AH	Q
	5423/1	12 17 39.1	02 20 20	31	0.124	0.015	1502.4	139.3	53.7	8.4	1.5	0	0.3	AL	Q
	9610/1	12 17 39.4	02 20 16	32	0.180	0.015	1104.1	148.0	4.0	12.0	1.4	0	0.4	AH	Q
	9612/1	12 17 39.6	02 20 13	31	0.166	0.013	1455.2	179.9	5.1	13.2	1.4	0	0.4	H	Q
2662	6984/2	12 17 54.4	12 43 38	51	0.0143	0.0029	5051.2	33.8	13.2	4.9	0.9	0	23.1	H	
2663	9610/2	12 18 02.3	02 29 58	42	0.0568	0.0093	1104.1	40.3	3.7	6.1	1.2	0	11.6	H	
2664	3239/2	12 18 04.7	34 00 02	35	0.0172	0.0024	4884.6	62.3	14.7	7.1	2.0	0	0.4	H	
2665	5424/2	12 18 05.3	75 38 49	38	0.0193	0.0016	13112.9	177.4	47.6	11.8	32.4	0	6.7	AH	G
	5233/1	12 18 13.8	75 39 07	56	*0.0130	0.0032	2896.3	20.5	4.5	4.1	1.1	501	17.8	AH	G
2666	3239/3	12 18 10.6	34 04 08	35	0.0121	0.0022	4884.6	42.3	15.7	5.6	2.7	0	4.6	H	
2667	5803/6	12 18 22.6	69 22 17	48	*0.0504	0.0048	13484.8	127.9	22.1	10.4	1.7	1208	31.1	EH	
2668	4301/1	12 18 29.6	16 11 27	57	0.0201	0.0057	1914.4	15.7	4.3	3.5	1.0	0	26.9	H	
2669	5424/3	12 18 38.4	75 22 26	39	0.0132	0.0015	13112.9	105.8	43.2	8.7	0.9	0	12.8	H	AGN
2670	4305/1	12 18 45.1	14 44 44	43	0.00427	0.00095	14919.0	42.8	48.2	4.5	0.8	0	9.4	H	
2671	5313/2	12 18 46.8	-63 47 27	32	0.0645	0.0056	3068.5	142.2	10.8	11.5	1.3	0	4.1	H	
2672	5424/4	12 19 00.0	75 28 28	43	0.0050	0.0010	13112.9	45.3	42.7	4.8	0.8	0	6.2	H	
2673	2035/2	12 19 01.7	28 30 51	32	0.1073	0.0092	1780.4	142.2	5.8	11.7	1.2	0	0.4	H	Q
2674	6986/1	12 19 04.3	04 47 19	32	0.0163	0.0022	10425.6	122.3	65.7	7.3	3.3	0	4.7	AL	Q
	3267/1	12 19 05.6	04 47 24	55	0.0253	0.0066	1375.5	17.7	3.3	3.9	2.4	0	20.7	AH	Q
2675	5313/3	12 19 08.7	-63 30 51	55	*0.0134	0.0035	3068.5	20.6	7.4	3.9	0.8	601	20.1	H	
2676	6986/2	12 19 22.4	04 45 24	32	0.0080	0.0021	10425.6	61.7	102.3	3.7	3.6	0	0.2	AL	
	3267/2	12 19 23.3	04 45 02	56	0.0195	0.0055	1375.5	15.4	3.6	3.5	2.6	0	16.9	AH	
2677	5424/5	12 19 34.2	75 35 23	31	0.4449										

12^h19^m40.0^s — 12^h27^m39.9^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
2678	5233/2	12 19 40.0	75 35 35	48	0.394	0.016	2896.3	620.1	5.9	24.8	1.2	300	18.6	AH	Q
2679	2035/3	12 19 45.4	28 38 15	47	0.0144	0.0040	1780.4	16.3	4.7	3.6	0.8	0	12.5	H	
2680	6986/3	12 19 48.3	04 30 04	48	0.0923	0.0048	10425.6	534.1	74.9	18.9	1.3	0	16.4	AL	*
2681	3267/3	12 19 49.3	04 29 60	35	0.0626	0.0081	1375.5	64.2	4.8	7.7	1.1	0	0.2	AH	*
2682	4305/2	12 19 52.8	14 41 57	51	0.0064	0.0011	14919.0	56.4	44.6	5.6	1.1	0	15.7	H	
2683	5424/6	12 19 55.0	75 42 39	41	0.0094	0.0013	13112.9	85.8	47.2	7.4	1.2	0	8.1	AH	CLG
2684	5233/3	12 20 04.9	75 42 55	43	0.0141	0.0031	2896.3	26.9	7.1	4.6	0.9	0	11.0	AH	CLG
2685	3209/1	12 20 01.4	73 31 29	32	0.080	0.010	1734.6	103.7	24.3	7.8	1.3	0	0.2	L	CV
2686	6986/4	12 20 17.2	04 40 34	47	0.0077	0.0019	10425.6	47.1	34.9	3.9	1.1	500	14.6	L	
2687	4301/2	12 20 23.8	16 05 53	37	0.0166	0.0039	1914.4	23.4	7.6	4.2	1.0	0	1.9	H	G
2688	6988/1	12 20 27.6	17 14 34	59	*0.0045	0.0012	10654.9	24.5	19.5	3.7	1.2	603	19.1	H	
2689	6988/2	12 20 45.3	16 48 49	54	0.0039	0.0011	10654.9	26.6	26.4	3.7	1.3	0	12.3	H	
2690	2121/1	12 20 47.5	18 13 14	63	*0.0079	0.0022	8148.0	19.0	10.0	3.5	1.0	1609	33.5	H	
2691	4301/3	12 20 57.2	16 02 06	42	0.0279	0.0051	1914.4	35.4	5.6	5.5	0.9	0	10.1	H	Q
2692	5313/4	12 20 59.8	-63 46 45	41	0.0344	0.0046	3068.5	64.9	10.1	7.5	1.1	0	13.3	H	
2693	6992/1	12 21 16.9	07 43 45	43	0.0116	0.0027	4854.0	35.0	12.0	4.2	0.7	0	12.4	L	
2694	6993/1	12 21 39.7	07 10 54	52	0.0212	0.0041	4753.6	41.9	8.1	5.0	0.9	0	24.8	L	
2695	5313/5	12 21 53.9	-64 01 34	55	*0.0107	0.0030	3068.5	16.1	4.9	3.5	0.7	1008	21.6	H	
2696	565/1	12 21 54.2	24 52 60	50	0.0557	0.0072	3008.6	64.4	5.6	7.7	1.4	0	28.1	H	
2697	6992/2	12 21 57.1	07 35 07	36	0.0105	0.0026	4854.0	38.1	21.9	4.0	0.9	0	0.5	AL	G
2698	6993/2	12 21 54.7	07 35 11	36	0.0105	0.0026	4753.6	37.0	22.0	3.9	1.1	0	0.2	AL	G
2699	565/2	12 22 31.4	25 49 38	51	0.071	0.010	3008.6	53.2	4.8	7.0	1.6	200	35.5	H	S
2700	278/1	12 22 31.8	13 09 35	48	0.0359	0.0023	34963.8	557.4	306.6	15.7	61.8	0	23.5	AL	G
2701	4311/1	12 22 32.4	13 09 55	48	0.0539	0.0060	4558.2	136.3	33.7	8.9	26.0	0	17.5	AL	G
2702	6988/3	12 22 34.1	16 40 26	62	*0.0050	0.0014	10654.9	21.9	16.1	3.6	1.2	1309	26.4	H	
2703	6990/1	12 22 41.2	12 35 12	51	0.0335	0.0081	1581.4	28.6	7.4	4.0	0.9	0	18.7	AL	
2704	278/2	12 22 40.9	12 35 57	54	*0.0096	0.0018	34963.8	131.5	128.2	5.5	2.4	702	30.8	AH	
2705	6994/1	12 22 43.8	18 34 16	47	0.0048	0.0013	10361.5	35.2	23.8	3.7	0.5	0	6.6	L	
2706	6994/2	12 22 51.7	18 28 11	32	0.0128	0.0015	10361.5	99.1	32.9	8.6	1.6	0	0.4	AH	G
2707	2121/2	12 22 53.8	18 28 08	35	0.0107	0.0016	8148.0	65.2	24.8	6.9	1.4	0	0.2	AH	G
2708	6992/3	12 23 00.7	07 55 34	51	0.0185	0.0041	4854.0	38.0	14.0	4.3	1.1	0	25.5	AL	
2709	6993/3	12 23 59.5	07 55 45	51	0.0183	0.0044	4753.6	37.2	17.8	4.0	1.1	200	25.6	AL	
2710	565/3	12 23 08.3	25 15 05	35	0.0273	0.0037	3008.6	61.3	8.7	7.3	1.2	0	0.2	H	Q
2711	278/3	12 23 15.7	12 56 08	38	0.0136	0.0013	34963.8	307.1	262.9	10.4	148.5	0	11.3	L	G
2712	1996/1	12 23 29.5	20 37 47	55	*0.0115	0.0029	3644.0	20.4	6.6	3.9	0.8	905	21.3	H	AGN
2713	565/4	12 23 33.8	25 22 55	41	0.0249	0.0038	3008.6	50.4	7.6	6.6	1.3	0	9.7	H	
2714	4311/2	12 23 35.5	13 17 09	32	0.0256	0.0057	4558.2	85.6	140.4	4.4	23.8	0	3.2	L	
2715	278/4	12 23 40.7	13 12 49	38	0.0337	0.0026	34963.8	705.0	1113.0	13.0	34.7	0	13.8	AL	G
2716	4311/3	12 23 41.5	13 13 07	31	0.0333	0.0067	4558.2	112.1	200.9	4.9	16.5	0	0.8	AL	G
2717	2121/3	12 23 54.1	18 24 07	47	0.0050	0.0014	8148.0	24.5	20.5	3.7	0.8	0	14.8	A	
2718	6994/3	12 23 50.2	18 24 57	43	0.0047	0.0012	10361.5	29.2	24.8	4.0	1.1	200	13.9	AH	
2719	280/1	12 23 56.4	09 18 08	48	*0.0077	0.0011	46778.1	184.1	154.0	7.0	1.5	502	19.8	L	
2720	3472/1	12 24 42.6	67 33 42	52	0.0303	0.0069	1307.3	22.0	3.0	4.4	0.8	100	17.1	H	
2721	1996/2	12 24 43.8	20 07 45	51	0.0214	0.0044	3644.0	29.9	7.1	4.9	0.9	0	28.4	H	
2722	5424/7	12 24 43.9	75 31 38	51	0.0079	0.0014	13112.9	53.8	35.2	5.7	1.0	0	19.8	H	
2723	280/2	12 24 44.6	09 30 42	32	0.00599	0.00071	46778.1	202.7	177.3	8.4	0.9	0	4.0	L	Q
2724	280/3	12 24 54.5	09 06 15	48	*0.0136	0.0022	46778.1	284.1	332.4	6.0	5.7	905	23.8	L	
2725	280/4	12 25 00.2	10 01 18	48	0.0132	0.0017	46778.1	199.1	197.9	7.6	1.9	500	31.3	L	S
2726	280/5	12 25 06.4	09 34 48	41	0.00313	0.00063	46778.1	104.6	169.4	4.9	0.6	0	5.1	L	
2727	280/6	12 25 12.0	08 58 22	48	0.0475	0.0024	46778.1	712.1	219.9	19.8	2.6	100	31.7	L	Q
2728	278/5	12 25 13.2	13 17 05	48	0.0115	0.0017	34963.8	172.7	222.3	6.8	136.1	0	24.9	L	G
2729	280/7	12 25 20.9	09 10 38	51	0.00362	0.00078	46778.1	86.3	129.7	4.6	1.2	0	19.9	L	S
2730	3809/1	12 25 37.5	-63 04 10	48	0.0750	0.0048	9596.4	262.6	25.4	15.5	1.3	400	29.1	H	
2731	1996/3	12 25 41.4	20 40 16	42	0.0110	0.0026	3644.0	26.4	11.6	4.3	1.0	0	10.9	H	
2732	2123/1	12 25 44.9	44 23 04	36	0.0293	0.0053	1612.3	35.3	4.7	5.6	1.3	0	1.3	H	G
2733	542/1	12 25 50.9	32 04 48	59	*0.0073	0.0020	5028.5	18.8	9.2	3.5	1.0	1108	19.6	H	
2734	280/8	12 25 52.4	09 22 16	56	0.00296	0.00068	46778.1	81.8	136.2	4.3	0.5	0	15.1	L	
2735	280/9	12 25 52.4	09 50 01	51	0.00404	0.00088	46778.1	85.1	129.9	4.5	1.0	200	23.6	L	
2736	6999/1	12 25 56.6	11 20 28	51	0.0134	0.0024	5460.6	43.0	16.0	5.6	1.0	0	15.8	H	
2737	7001/1	12 25 57.7	17 22 09	35	0.0264	0.0036	3256.0	64.1	10.9	7.4	1.2	0	0.2	H	
2738	542/2	12 25 58.1	31 45 17	32	0.0258	0.0028	5028.5	96.7	13.3	9.2	1.3	0	0.8	H	Q
2739	5692/1	12 26 33.2	02 19 49	31	1.976	0.031	3910.7	5771.7	726.3	63.0	1.3	0	0.1	AL	Q
2740	2037/1	12 26 33.4	02 19 49	31	2.047	0.049	1740.4	2647.3	450.7	41.5	1.4	0	0.7	AL	Q
2741	9310/1	12 26 33.8	02 19 47	31	3.161	0.063	1668.1	3924.5	706.5	50.3	1.5	0	0.3	AL	Q
2742	470/1	12 26 34.1	47 53 34	55	*0.0131	0.0036	2493.2	17.0	5.0	3.6	2.9	1108	18.8	H	Q
2743	281/2	12 26 56.7	14 13 59	66	*0.0065	0.0018	14695.0	46.7	34.3	3.5	1.1	602	20.8	L	
2744	7003/1	12 26 56.8	13 36 52	41	0.0155	0.0036	5068.5	54.4	51.6	4.2	6.1	0	6.9	AL	Q
2745	281/1	12 26 54.6	13 36 53	49	0.0165	0.0026	14695.0	94.2	58.8	6.2	28.3	100	28.1	AL	Q
2746	2124/1	12 27 01.3	14 03 11	41	0.0190	0.0041	4388.1	49.4	30.6	4.5	1.3	0	13.9	AL	Q
2747	281/3	12 27 03.5	14 02 50	38	0.0210	0.0023	14695.0	185.5	110.5	8.9	19.8	100	14.0	AL	Q
2748	7001/2	12 27 13.8	16 56 24	55	0.0173	0.0046	3256.0	19.2	6.8	3.8	1.3	0	31.1	H	
2749	4308/1	12 27 14.1	08 16 32	31	0.0952	0.0063	7672.2	543.1	340.9	15.1	4.2	0	0.6	AL	G
2750	4052/1	12 27 15.1	08 16 57	51	0.126	0.018	1657.9	51.7	3.3	7.0	2.2	300	35.5	AH	G
2751	6869/1	12 27 23.1	62 59 53	51	*0.0113	0.0022	6629.5	35.4	12.6	5.1	0.9	702	21.5	H	
2752	6999/2	12 27 26.2	11 35 36	57	*0.0234	0.0064	5460.6	20.5	10.5	3.7	2.1	704	39.5	EH	
2753	3809/2	12 27 27.4	-63 39 23	43	0.0051	0.0013	9596.4	33.3	41.7	3.8	0.8	0	8.2	H	
2754	281/4	12 27 30.9	13 54 47	39	0.0089	0.0017	14695.0	89.1	101.9	5.1	39.0	0	8.6	L	G
2755	5721/1	12 27 33.5	08 16 32	55	*0.0164	0.0025	27849.3	77.0	62.0	6.5	4.7	602	38.8	EH	
2756	5721/2	12 27 38.6	08 19 14	57	*0.0106	0.0028	27								

12^h28^m02.8^s — 12^h37^m57.9^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
2743	5721/3	12 28 02.8	07 49 39	41	0.00519	0.00077	27849.3	89.2	86.8	6.7	0.9	0	12.7	H	
2744	277/1	12 28 17.4	12 40 00	31	0.846	0.016	12663.4	7973.5	7274.5	52.5	12.5	0	0.0	AL	
	10362/1	12 28 17.5	12 40 03	31	0.753	0.019	9252.5	5186.5	5495.5	40.5	12.0	0	0.0	AL	G
2745	5721/4	12 28 18.6	07 27 03	52	0.00310	0.00072	27849.3	50.2	85.8	4.3	0.7	0	15.9		
2746	4304/1	12 28 22.2	14 49 32	48	0.0312	0.0030	10272.0	182.9	42.1	10.4	1.2	0	16.8	L	
2747	279/1	12 28 22.2	11 16 33	48	*0.0226	0.0029	20344.0	157.8	67.2	7.8	1.4	601	31.8	L	
2748	4304/2	12 28 47.2	14 54 42	51	0.0076	0.0018	10272.0	46.2	34.8	4.1	1.1	0	15.5	IL	
2749	5721/5	12 28 49.8	07 41 53	41	0.00240	0.00058	27849.3	49.6	95.4	4.1	4.7	0	3.1		
2750	4304/3	12 28 52.2	14 38 03	39	0.0128	0.0022	10272.0	88.7	64.3	5.8	1.6	0	8.7	L	
2751	5721/6	12 29 03.3	07 51 05	43	0.00283	0.00065	27849.3	51.8	91.2	4.3	0.8	0	10.7	H	
2752	5721/7	12 29 08.7	07 16 19	57	*0.00514	0.00090	27849.3	60.2	50.8	5.7	0.8	1409	26.3		
2753	5721/8	12 29 13.0	07 38 32	41	0.00367	0.00070	27849.3	70.7	113.3	5.2	0.7	0	7.7		
2754	6868/1	12 29 17.4	64 30 53	48	0.137	0.011	3551.9	160.2	6.8	12.4	1.4	0	31.9	H	
2755	5721/9	12 29 18.7	07 48 50	49	0.00319	0.00080	27849.3	57.7	77.3	3.9	0.0	0	11.1	L	
2756	279/2	12 29 23.5	11 45 45	42	0.0047	0.0013	20344.0	60.0	108.0	3.6	157.1	0	12.2	L	
2757	5127/1	12 29 26.4	-02 07 38	36	0.0199	0.0044	1686.6	25.0	6.0	4.5	0.8	0	0.2	H	Q
2758	4304/4	12 29 27.1	14 42 14	32	0.0116	0.0020	10272.0	88.3	67.7	5.7	2.2	0	0.8	H	
2759	5721/10	12 29 30.2	07 30 04	53	0.00364	0.00074	27849.3	58.6	85.4	4.9	0.8	0	16.2	H	Q
2760	3967/1	12 29 34.4	20 25 54	31	0.206	0.013	1672.2	249.8	6.2	15.6	1.3	0	3.2	H	
2761	5721/11	12 29 37.6	07 25 14	52	0.00450	0.00080	27849.3	62.8	63.2	5.6	0.9	300	21.3	H	
2762	6869/2	12 29 37.6	62 52 22	53	0.0077	0.0018	6629.5	28.9	19.1	4.2	1.1	0	15.2	H	
2763	4304/5	12 29 52.4	14 36 55	43	0.0063	0.0016	10272.0	43.9	36.1	3.9	1.1	0	8.5	L	
2764	3967/2	12 29 55.8	20 39 36	41	0.0500	0.0075	1672.2	49.0	5.0	6.7	1.0	0	14.7	H	
2765	5721/12	12 30 16.1	07 44 01	57	*0.00321	0.00074	27849.3	41.9	52.1	4.3	2.9	1007	22.9	A	
	4309/1	12 30 16.0	07 43 35	56	*0.0071	0.0018	8388.8	26.8	17.2	4.0	1.1	501	23.4	AH	
2766	6869/3	12 30 16.3	63 09 33	35	0.0140	0.0020	6629.5	68.3	23.7	7.1	1.5	0	2.7	H	
2767	5721/13	12 30 28.4	07 30 49	51	0.0086	0.0012	27849.3	93.3	68.7	7.3	1.3	100	28.2	H	
2768	5721/14	12 30 36.8	07 45 44	60	*0.0049	0.0010	27849.3	52.2	64.8	4.8	2.0	601	28.6	H	
2769	7445/1	12 30 46.1	09 18 08	34	0.0385	0.0076	1865.6	53.3	24.7	5.0	1.5	0	1.3	L	
2770	4309/2	12 31 00.8	07 34 31	52	0.0112	0.0022	8388.8	40.3	20.7	5.2	1.8	0	24.4	L	
2771	7795/1	12 31 21.6	15 42 13	52	0.0221	0.0052	1728.8	22.7	5.3	4.3	1.1	0	15.4	H	
2772	4309/3	12 31 24.3	08 04 55	42	0.0094	0.0016	8388.8	55.3	31.7	5.9	1.0	0	7.0	AH	
	4310/1	12 31 24.3	08 04 52	51	0.0137	0.0027	9673.0	57.7	29.3	5.0	2.8	0	24.0	AL	
2773	4309/4	12 31 32.5	07 58 36	36	0.0062	0.0014	8388.8	38.9	34.1	4.6	0.8	0	0.8	H	
2774	6869/4	12 31 54.1	62 43 23	62	0.0080	0.0022	6629.5	21.7	15.3	3.6	1.1	0	25.7		
2775	4310/2	12 31 55.7	08 46 03	51	0.0122	0.0021	9673.0	65.5	25.5	5.7	0.9	100	18.2	L	
2776	4309/5	12 31 56.5	08 13 04	52	0.0067	0.0015	8388.8	32.7	23.3	4.4	0.9	100	16.9	H	
2777	1849/1	12 32 06.6	16 48 07	51	*0.0244	0.0047	2928.8	31.3	5.7	5.2	0.9	1008	24.6	H	
2778	9974/1	12 32 22.8	26 08 59	73	0.0038	0.0010	20694.6	29.5	35.5	3.7	1.5	0	27.9	H	
2779	7795/2	12 32 25.3	15 50 47	51	0.071	0.010	1728.8	50.8	4.2	6.9	1.2	0	26.7	H	
2780	4310/3	12 32 34.7	08 41 27	48	*0.0219	0.0029	9673.0	117.7	47.3	7.5	1.5	401	17.9	L	
2781	3929/1	12 32 37.5	41 34 05	43	0.0092	0.0021	4680.4	28.7	15.3	4.3	0.9	0	9.7		
2782	9974/2	12 32 52.0	26 12 29	52	*0.00603	0.00098	20694.6	61.0	37.0	6.2	1.2	805	20.9	H	
2783	1849/2	12 32 58.2	17 16 48	52	*0.0208	0.0046	2928.8	25.2	5.8	4.5	0.9	1106	26.4	H	
2784	9974/3	12 33 00.2	26 29 01	57	0.00412	0.00095	20694.6	38.5	40.5	4.3	1.4	500	23.0	H	
2785	9134/1	12 33 01.9	02 11 04	56	0.0138	0.0036	3688.3	21.6	9.4	3.9	1.8	100	23.6	H	
2786	4313/1	12 33 08.0	12 49 47	38	0.0328	0.0032	8426.0	186.7	60.3	10.0	1.4	0	9.8	L	G
2787	10243/1	12 33 21.2	74 26 56	42	0.0123	0.0022	5722.9	47.6	23.4	5.6	1.0	0	8.7	H	
2788	2664/1	12 33 21.3	-39 35 10	45	0.0300	0.0078	809.3	17.1	2.9	3.8	0.8	0	6.1	H	
2789	4314/1	12 33 26.0	13 46 19	48	*0.114	0.012	3320.3	164.2	6.8	9.0	1.2	704	23.8	AL	
	4045/1	12 33 26.3	13 46 08	50	*0.092	0.017	1948.1	78.9	11.1	5.3	1.2	703	23.7	AL	
2790	9974/4	12 33 37.6	26 29 57	52	0.00335	0.00083	20694.6	37.5	48.5	4.0	0.8	0	17.4	H	
2791	1849/3	12 33 38.5	16 55 18	37	0.0097	0.0027	2928.8	20.8	13.2	3.6	1.0	0	3.2	H	
2792	1849/4	12 33 51.8	16 48 52	36	0.0207	0.0035	2928.8	43.3	11.7	5.8	3.3	0	4.0	H	
2793	9974/5	12 33 52.5	26 15 47	38	0.0127	0.0011	20694.6	181.0	60.0	11.7	2.1	0	7.1	H	
2794	1849/5	12 34 03.3	16 49 22	42	0.0232	0.0037	2928.8	48.1	11.9	6.2	3.3	0	5.1	H	CLG
2795	9974/6	12 34 29.7	26 07 28	43	0.00341	0.00074	20694.6	48.5	63.5	4.6	0.9	0	8.5	H	
2796	9974/7	12 34 32.0	26 25 34	42	0.00270	0.00074	20694.6	37.0	65.0	3.7	0.6	0	9.9	H	
2797	9974/8	12 34 32.5	26 32 25	52	*0.00436	0.00086	20694.6	50.4	47.6	5.1	0.9	804	16.8	H	
2798	6871/1	12 34 46.5	63 28 11	32	0.0452	0.0044	3559.1	118.9	12.1	10.4	1.8	0	1.3	H	*
2799	9974/9	12 34 56.0	26 37 25	55	0.00510	0.00098	20694.6	48.7	39.3	5.2	1.4	100	22.9	H	
2800	9159/1	12 34 57.7	66 51 25	51	0.0232	0.0050	2046.6	26.1	5.9	4.6	0.9	300	17.5	H	
2801	4315/1	12 35 12.1	12 05 41	31	0.1885	0.0072	7290.0	1025.6	147.4	26.2	1.4	0	0.7	AL	G
	2126/1	12 35 12.8	12 05 41	31	0.228	0.020	1058.8	179.5	12.5	11.4	1.2	0	0.3	AL	G
2802	4317/1	12 35 14.3	11 23 36	51	0.0169	0.0035	5456.1	42.8	14.2	4.6	1.1	200	22.5	L	
2803	6871/2	12 35 27.0	63 15 42	38	*0.0873	0.0066	3559.1	183.6	8.4	13.2	1.2	602	14.6	H	BL
2804	9974/10	12 35 31.6	26 36 50	56	0.0046	0.0010	20694.6	39.6	37.4	4.5	1.0	0	25.8	H	
2805	9974/11	12 35 31.7	26 07 18	56	0.00312	0.00078	20694.6	36.4	46.6	4.0	1.4	0	17.3	H	
2806	2127/1	12 35 51.1	-11 15 05	51	*0.0170	0.0029	5282.2	41.5	8.5	5.9	1.0	1108	23.3	A	S
	2128/1	12 35 52.2	-11 15 10	55	*0.0259	0.0074	1207.4	14.5	2.5	3.5	0.8	1309	23.2	A	S
2807	6470/1	12 35 57.4	-26 47 01	51	*0.0325	0.0056	2432.1	37.9	4.1	5.8	1.0	703	21.3	H	
2808	6054/1	12 36 20.2	-40 54 10	56	*0.0062	0.0013	12295.4	36.5	18.5	4.9	0.8	1309	22.1	H	
2809	6054/2	12 36 35.1	-40 47 51	51	0.0062	0.0012	12295.4	44.6	33.4	5.0	0.8	0	15.3	H	
2810	2492/1	12 36 50.6	24 48 12	51	*0.072	0.012	1058.8	36.1	1.9	5.9	1.0	804	22.2	H	
2811	6054/3	12 36 56.8	-40 27 49	41	0.0073	0.0012	12295.4	57.9	31.1	6.1	0.8	0	10.9	L	
2812	6717/1	12 37 05.6	-05 04 10	48	*0.646	0.063	948.6	321.2	32.1	10.1	1.2	805	19.7	H	
2813	4036/1	12 37 06.5	-10 07 08	38	0.0161	0.0042	1548.4	18.5	4.5	3.9	0.8	0	0.4	H	Q
2814	2127/2	12 37 23.5	-11 20 41	31	0.0484	0.0036	5282.2	190.3	14.7	13.3	1.6	0	0.4	AH	G
	2128/2	12 37 24.0	-11 20 43	35	0.0521	0.0080	1207.4	46.9	5.1	6.5	1.4	0	0.2	AH	G

12^h38^m00.0^s — 12^h51^m59.5^s

Number		Position			Intensity		Detection Params.			Flags					
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±	LIVE- TIME	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R (')	SRC	ID
2816	6054/4	12 38 00.0	-40 30 58	47	0.00349	0.00098	12295.4	29.5	39.5	3.6	0.5	0	7.9	H	
2817	6054/5	12 38 07.9	-40 26 49	43	0.0045	0.0010	12295.4	35.3	30.7	4.3	0.6	0	11.9	H	
2818	6054/6	12 38 09.4	-40 41 46	42	0.0057	0.0011	12295.4	47.7	39.3	5.1	0.8	0	8.8	H	
2819	145/1	12 38 34.1	18 49 45	44	0.0190	0.0048	1555.1	20.0	6.0	3.9	7.1	0	8.7	H	
2820	145/2	12 38 44.6	18 48 34	44	0.0175	0.0047	1555.1	18.9	7.1	3.7	7.5	0	7.1	H	
2821	145/3	12 38 50.9	18 51 47	36	0.0304	0.0057	1555.1	34.0	7.0	5.3	5.2	0	4.7	H	
2822	145/4	12 38 54.4	18 49 55	37	0.0242	0.0052	1555.1	27.0	7.0	4.6	5.7	0	4.2	H	
2823	471/1	12 39 10.6	33 06 40	56	0.0118	0.0032	3047.6	18.5	6.5	3.7	1.4	0	19.0	H	
2824	471/2	12 39 17.6	32 19 18	52	0.0217	0.0049	3047.6	23.9	5.1	4.4	1.1	200	29.8	H	
2825	2129/1	12 39 31.6	11 55 24	37	0.0060	0.0016	6250.1	28.0	27.0	3.8	0.6	0	0.8	G	
2826	471/3	12 39 32.3	32 48 31	35	0.0232	0.0035	3047.6	52.1	8.9	6.7	1.9	0	1.5	H	G
2827	6055/1	12 39 35.2	-40 22 17	42	0.0064	0.0011	14814.4	59.7	44.3	5.9	0.8	0	12.2	AH	
2827	6054/7	12 39 36.4	-40 22 16	56	0.0066	0.0015	12295.4	31.5	21.5	4.3	0.9	200	27.6	AH	
2828	7256/1	12 39 52.8	-62 46 35	48	*0.149	0.012	2017.6	151.3	3.7	12.1	1.1	1209	20.3	H	
2829	412/1	12 40 17.4	02 57 45	32	0.101	0.015	1383.9	103.9	63.1	6.6	2.4	0	0.3	L	G
2830	7013/1	12 40 22.5	13 31 54	38	0.0319	0.0033	5145.1	112.2	19.8	9.8	1.2	0	8.5	AH	
2830	7014/1	12 40 22.7	13 31 40	39	0.0302	0.0034	4430.6	91.9	17.1	8.8	1.1	0	8.5	AH	
2831	2130/1	12 40 41.3	11 21 47	71	*0.0113	0.0031	6160.6	27.5	5.2	3.6	0.5	601	28.9	IL	
2832	6056/1	12 40 49.9	-41 25 48	47	0.0037	0.0010	11986.1	29.3	35.7	3.6	0.6	0	9.4	L	S
2833	412/2	12 40 51.9	03 11 55	51	0.059	0.011	1383.9	47.1	8.9	5.3	1.5	0	16.2	L	S
2834	471/4	12 41 02.7	32 39 59	55	*0.0113	0.0030	3047.6	18.3	4.7	3.8	0.8	702	19.3	H	
2835	2130/2	12 41 08.2	11 49 42	31	0.1267	0.0054	6160.6	578.7	26.3	23.5	1.5	0	0.8	AH	G
2835	2129/2	12 41 09.2	11 49 57	48	0.1145	0.0067	6250.1	304.7	17.3	17.0	1.9	0	24.9	AH	G
2836	3241/1	12 41 27.3	16 39 26	36	0.0124	0.0024	3814.1	35.2	12.8	5.1	0.9	0	0.2	H	
2837	5343/1	12 41 31.8	17 10 35	52	0.0180	0.0046	2597.5	19.6	5.4	3.9	0.9	0	26.3	H	
2838	6874/1	12 41 38.4	70 21 51	51	0.0365	0.0067	2416.9	35.2	6.8	5.4	1.0	0	27.3	H	
2839	2130/3	12 41 38.5	11 50 41	43	0.0086	0.0018	6160.6	36.0	23.0	4.7	1.5	0	7.7	H	
2840	5343/2	12 41 41.4	17 37 28	37	0.0142	0.0031	2597.5	27.3	7.7	4.6	1.2	0	1.5	H	Q
2841	7256/2	12 41 41.8	-63 15 25	51	*0.058	0.010	2017.6	35.3	3.7	5.6	1.5	602	32.0	H	
2842	6055/2	12 41 43.0	-40 22 37	49	0.0109	0.0013	14814.4	94.1	39.9	8.1	1.4	0	15.6	H	
2843	6055/3	12 41 44.2	-40 40 35	52	*0.0065	0.0011	14814.4	52.6	29.4	5.8	1.2	1309	17.8	H	
2844	6055/4	12 41 46.7	-40 37 17	52	*0.0048	0.0010	14814.4	40.8	35.2	4.7	1.0	1007	17.0	H	
2845	6055/5	12 41 48.9	-40 06 43	52	0.0077	0.0015	14814.4	45.2	35.8	5.0	1.3	0	27.5	H	
2846	7017/1	12 42 04.0	03 14 03	43	0.0099	0.0023	6408.1	42.6	24.4	4.2	0.5	0	9.2	L	
2847	6875/1	12 42 12.7	59 33 20	58	0.0114	0.0031	4234.2	20.6	11.4	3.6	1.3	0	24.6	H	
2848	3241/2	12 42 13.5	16 32 54	38	0.0703	0.0056	3814.1	168.8	11.2	12.6	1.2	0	12.5	H	AGN
2849	5343/3	12 42 28.6	17 49 18	52	0.0185	0.0041	2597.5	26.2	6.8	4.6	1.1	600	17.7	H	
2850	6875/2	12 42 30.1	59 12 38	48	*0.0801	0.0072	4234.2	132.3	9.7	11.1	1.5	1106	27.5	H	
2851	7017/2	12 43 20.5	03 37 48	48	*0.0479	0.0065	6408.1	147.0	24.0	7.2	1.1	704	21.5	L	
2852	529/1	12 43 23.7	34 25 56	57	*0.0075	0.0018	6794.7	24.0	8.0	4.2	0.8	1209	23.8	H	
2853	7018/1	12 44 02.4	13 59 16	56	0.0084	0.0024	4297.1	19.5	11.5	3.5	1.0	0	17.7	H	
2854	8433/1	12 44 02.4	02 38 51	31	0.269	0.017	1232.2	247.0	5.0	15.6	1.4	0	0.2	H	Q
2855	3473/1	12 44 10.5	71 14 27	52	*0.0360	0.0079	1375.7	23.2	2.8	4.6	1.3	501	21.5	H	
2856	2134/1	12 44 29.6	-05 18 45	55	0.0095	0.0027	4957.4	19.9	12.1	3.5	0.8	100	25.7	H	
2857	6057/1	12 45 06.8	-41 27 39	41	0.0116	0.0025	8183.8	63.0	60.0	4.5	215.2	0	9.8	L	
2858	7018/2	12 45 18.1	14 02 45	32	0.0272	0.0032	4297.1	87.1	16.9	8.5	1.0	0	0.9	H	
2859	6875/3	12 45 19.7	59 28 35	36	0.0167	0.0027	4234.2	52.4	19.6	6.2	1.7	0	0.6	H	CLG
2860	2134/2	12 45 59.4	-05 31 58	36	0.0114	0.0021	4957.4	42.1	17.9	5.4	1.3	0	0.9	H	
2861	7022/1	12 46 01.4	08 36 17	38	0.0436	0.0044	5580.6	160.5	37.5	9.7	1.4	0	9.7	AL	G
2861	7023/1	12 46 01.5	08 36 18	38	0.0448	0.0049	4712.6	139.4	34.6	9.0	1.2	0	9.6	AL	
2862	298/1	12 46 03.5	-41 02 23	38	0.362	0.013	7842.7	1869.5	1384.5	26.9	8.4	0	10.7	AL	
2862	6057/2	12 46 04.0	-41 02 07	48	0.397	0.016	8183.8	1378.8	833.2	24.1	6.4	100	25.7	AL	
2863	3980/1	12 46 24.3	37 58 31	43	0.0132	0.0032	2771.8	23.1	8.9	4.1	0.8	0	11.9	H	
2864	2134/3	12 46 27.6	-05 53 57	57	*0.0085	0.0024	4957.4	19.0	9.0	3.6	0.8	1308	23.8	H	
2865	7913/1	12 46 30.2	60 35 31	31	0.1173	0.0059	4734.4	413.7	19.3	19.9	1.6	0	0.4	H	S
2866	529/2	12 46 30.7	34 41 01	51	0.0175	0.0025	6794.7	62.0	13.0	7.2	1.1	0	18.8	H	Q
2867	4004/1	12 47 01.4	-05 48 06	38	0.0608	0.0052	3484.6	146.1	11.9	11.6	1.5	0	8.1	AH	S
2867	2134/4	12 47 04.6	-05 48 24	50	*0.0280	0.0038	4957.4	62.4	8.6	7.4	1.3	1509	23.6	A	S
2868	298/2	12 47 19.1	-40 31 21	54	0.0194	0.0041	7842.7	52.9	32.1	4.7	1.4	0	30.9	L	
2869	479/1	12 47 22.1	56 47 02	55	*0.0088	0.0024	5329.5	20.9	12.1	3.6	0.8	806	23.7	H	
2870	4004/2	12 48 02.6	-06 00 49	51	0.0248	0.0048	3484.6	33.2	8.8	5.1	2.7	0	27.8	H	
2871	7714/1	12 48 31.2	-28 29 32	51	*0.0109	0.0021	20958.4	81.0	49.5	5.3	1.4	401	33.0	IL	
2872	479/2	12 48 46.1	57 06 15	51	*0.0186	0.0028	5329.5	52.2	10.8	6.6	0.9	401	19.6	H	
2873	7025/1	12 49 10.0	11 16 21	56	*0.0071	0.0020	5681.7	19.4	9.6	3.6	0.9	907	21.2	H	
2874	3917/1	12 49 16.4	27 48 60	48	*0.237	0.016	3187.8	218.3	6.7	14.6	1.3	1106	33.5	H	
2875	7039/1	12 49 26.4	-00 50 44	43	0.0042	0.0011	12092.6	35.7	48.3	3.9	0.8	0	8.0	H	
2876	7714/2	12 49 42.3	-28 58 32	31	2.127	0.014	20958.4	33203.5	3795.4	152.5	1.3	0	0.1	AL	CV
2876	2268/1	12 49 41.5	-28 58 42	31	2.456	0.081	743.7	1318.1	159.9	30.1	1.3	0	4.0	AL	CV
2876	2267/1	12 49 43.3	-28 58 49	31	2.157	0.052	1449.3	2257.1	138.9	41.1	1.2	0	3.7	AL	CV
2877	7039/2	12 49 47.8	-00 55 16	36	0.0065	0.0011	12092.6	58.5	46.5	5.7	0.8	0	0.4	H	G
2878	7024/1	12 50 05.3	12 01 58	55	0.0100	0.0028	6561.0	22.8	19.2	3.5	1.3	0	29.2	H	
2879	479/3	12 50 13.5	56 50 41	32	0.0217	0.0026	5329.5	86.2	19.8	8.4	1.4	0	0.4	H	Q
2880	1900/1	12 50 14.3	-15 07 58	35	0.0128	0.0032	5511.3	51.0	53.0	4.0	1.4	0	3.8	H	CLG
2881	7024/2	12 50 20.4	11 45 36	41	0.0172	0.0024	6561.0	68.5	21.5	7.2	1.0	0	13.7	AH	
2881	7025/2	12 50 17.7	11 46 03	41	0.0173	0.0025	5681.7	61.1	18.9	6.8	1.0	0	13.8	AH	
2882	7024/3	12 50 24.1	11 29 50	42	0.0067	0.0016	6561.0	31.7	27.3	4.1	0.9	0	5.3	H	
2883	7039/3	12 51 01.6	-00 31 39	52	0.0085	0.0018	12092.6	36.3	24.7	4.6	1.4	500	30.5	H	
2884	4645/1	12 51 32.4	-05 33 13	59	0.0049	0.0012	25094.9	42.4	59.6	4.2	1.0	0	30.9	H	
2885	7714/3	12 51 39.1	-28 44 12	48	*0.0407	0.0053	20958.4	310.4	258.4	7.6	8.2	803	29.3	L	
2886	7714/4														

12^h52^m00.1^s — 13^h00^m21.0^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
2887	444/1	12 52 00.1	-12 17 59	40	0.0170	0.0045	1422.2	18.0	5.0	3.8	1.1	0	0.2	H	
2888	1900/2	12 52 06.6	-15 09 59	51	0.0216	0.0046	5511.3	47.4	24.6	4.6	1.6	0	27.3	L	Q
2889	4037/1	12 52 08.5	11 57 18	35	0.0345	0.0050	2153.4	55.4	8.6	6.9	0.9	0	0.4	H	
2890	4645/2	12 52 26.5	-04 56 59	59	0.0091	0.0018	25094.9	52.3	49.7	5.2	1.9	700	38.2	H	
2891	5390/1	12 52 32.5	36 06 28	56	*0.00256	0.00071	30711.8	35.1	59.9	3.6	0.7	805	24.5	H	
2892	6614/1	12 52 56.5	-69 10 13	41	0.0210	0.0049	3225.0	43.0	26.0	4.2	1.4	0	11.8	L	
2893	5390/2	12 52 58.5	35 55 20	48	0.0383	0.0015	30711.8	680.1	77.9	24.7	1.2	0	15.9	H	
2894	5390/3	12 53 04.9	35 33 37	56	0.00298	0.00080	30711.8	38.4	66.6	3.7	8.6	0	25.0	H	
2895	5390/4	12 53 06.2	35 36 52	48	*0.0180	0.0012	30711.8	256.5	43.5	14.8	1.7	805	22.1	H	
2896	3917/2	12 53 15.8	27 31 30	48	0.150	0.012	3187.8	163.3	8.7	12.5	2.1	0	29.8	H	
2897	5390/5	12 53 20.9	35 27 40	50	*0.0108	0.0014	30711.8	96.4	64.6	7.6	0.9	704	28.9	EH	
2898	4645/3	12 53 28.1	-05 18 52	43	0.00236	0.00067	25094.9	38.3	79.7	3.5	0.6	0	12.5	H	
2899	3917/3	12 53 31.7	27 40 50	51	0.0408	0.0062	3187.8	51.2	9.8	6.6	9.0	0	26.0	H	
2900	4645/4	12 53 35.6	-05 31 00	31	0.1217	0.0026	25094.9	2274.2	92.8	46.7	1.3	0	0.2	AH	QQ
	544/1	12 53 36.0	-05 31 06	31	0.182	0.011	3046.0	414.7	34.3	17.3	1.2	0	0.1	AL	AGN
2901	4645/5	12 53 36.9	-05 39 58	42	0.00376	0.00070	25094.9	63.2	73.8	5.4	0.8	0	8.7	H	S
2902	839/1	12 53 39.0	38 35 18	40	0.0156	0.0038	1854.9	21.6	5.4	4.2	0.9	0	0.4	H	
2903	5390/6	12 53 55.0	35 39 20	51	*0.00393	0.00070	30711.8	69.3	82.7	5.6	1.1	601	15.5	H	
2904	5375/1	12 53 56.3	04 56 07	42	0.0265	0.0053	1904.5	29.8	5.2	5.0	1.3	0	14.5	H	
2905	5390/7	12 54 07.2	35 58 43	38	0.01287	0.00089	30711.8	285.0	103.0	14.5	1.1	0	5.1	H	
2906	4645/6	12 54 17.7	-05 18 10	64	0.00265	0.00072	25094.9	38.0	69.0	3.7	0.7	0	16.7	H	
2907	2136/1	12 54 17.8	21 57 42	35	0.0146	0.0023	4867.4	53.2	14.8	6.5	1.2	0	0.8	H	
2908	6614/2	12 54 20.7	-69 00 54	31	6.195	0.059	3225.0	14876.9	1131.1	104.7	1.4	0	0.2	L	
2909	7654/1	12 54 30.3	-17 08 21	31	0.0624	0.0048	10689.0	478.4	425.6	12.9	9.9	0	4.9	L	
2910	2136/2	12 54 30.9	22 09 49	43	0.0102	0.0022	4867.4	31.2	12.8	4.7	0.9	0	13.3	H	
2911	9156/1	12 54 33.8	02 07 03	51	*0.0195	0.0032	4789.7	46.9	11.1	6.2	1.1	602	21.6	H	
2912	3176/1	12 54 35.7	22 18 40	31	0.308	0.017	1540.8	354.3	4.7	18.7	2.1	0	0.4	AH	S
	2136/3	12 54 36.1	22 18 34	48	*0.1470	0.0079	4867.4	349.7	7.3	18.5	1.5	1409	21.9	AH	S
2913	5390/8	12 54 47.2	36 16 15	51	*0.00575	0.00082	30711.8	83.9	59.1	7.0	0.9	905	23.1	H	
2914	5390/9	12 54 48.3	35 38 23	51	0.00599	0.00077	30711.8	101.1	68.9	7.8	1.1	0	17.2	H	
2915	9156/2	12 54 52.5	01 42 17	42	0.0153	0.0026	4789.7	45.6	16.4	5.8	1.2	0	12.7	H	
2916	5390/10	12 54 54.7	35 43 48	47	0.00209	0.00059	30711.8	39.6	83.4	3.6	1.2	0	12.7	H	
2917	6471/1	12 55 07.2	-70 12 31	50	*0.075	0.011	1522.4	52.3	2.7	7.1	1.1	906	24.0	H	
2918	5390/11	12 55 07.4	35 59 37	38	0.01332	0.00095	30711.8	266.0	95.0	14.0	1.0	0	11.8	H	
2919	7654/2	12 55 09.3	-17 00 16	38	0.0214	0.0030	10689.0	157.1	164.9	7.0	27.7	0	8.1	L	
2920	445/1	12 55 19.4	35 29 37	48	0.105	0.010	2604.7	108.0	4.0	10.2	1.8	0	27.4	AH	S
	5390/12	12 55 18.3	35 29 57	48	*0.0587	0.0023	30711.8	693.8	39.2	25.6	1.5	1609	27.1	A	S
2921	2136/4	12 55 21.5	22 00 10	55	0.0084	0.0021	4867.4	24.1	10.9	4.1	0.8	0	15.3	H	
2922	9156/3	12 55 46.2	01 48 07	42	0.0128	0.0023	4789.7	43.4	16.6	5.6	1.0	0	5.1	H	
2923	5390/13	12 55 46.6	35 35 58	48	0.0400	0.0019	30711.8	504.5	61.5	21.2	1.3	0	25.6	AH	
	5391/1	12 55 46.8	35 36 13	48	0.0330	0.0017	40119.2	463.5	81.5	19.9	1.3	0	29.7	AH	
2924	5390/14	12 56 06.8	35 43 51	48	0.0127	0.0011	30711.8	171.4	67.6	11.1	1.2	0	24.0	AH	
	5391/2	12 56 06.2	35 44 55	48	0.01324	0.00097	40119.2	255.1	90.9	13.7	1.2	300	21.8	AL	
2925	6034/1	12 56 07.2	01 29 22	31	0.126	0.012	3326.7	310.3	294.7	10.2	3.4	0	1.3	L	
2926	9156/4	12 56 16.7	01 51 15	43	0.0109	0.0023	4789.7	33.4	14.6	4.8	1.3	0	12.4	H	
2927	839/2	12 56 17.4	38 33 25	50	0.105	0.013	1854.9	65.6	3.4	7.9	1.5	100	30.6	H	S
2928	6876/1	12 56 36.5	65 38 09	36	0.0197	0.0032	3207.2	46.7	11.3	6.1	1.6	0	2.1	H	CLG
2929	445/2	12 56 42.7	35 07 49	37	0.0119	0.0028	2604.7	23.0	6.0	4.3	0.9	0	0.4	H	G
2930	5391/3	12 56 43.1	36 06 24	52	0.00228	0.00056	40119.2	51.3	108.7	4.1	0.5	0	17.5	H	
2931	1793/1	12 57 11.7	28 13 20	31	0.0352	0.0076	8292.3	215.7	1040.3	4.6	46.5	0	2.4	L	CLG
2932	1793/2	12 57 25.5	28 12 32	31	0.0491	0.0079	8292.3	301.3	1094.7	6.2	42.9	0	1.0	L	CLG
2933	5717/1	12 57 26.4	34 39 22	52	0.0138	0.0034	3531.4	22.4	7.6	4.1	0.7	100	21.7	H	
2934	10109/1	12 57 54.2	31 03 51	36	0.0240	0.0051	1432.4	25.5	3.5	4.7	1.0	0	0.8	H	
2935	1792/1	12 57 57.4	28 40 09	38	0.0671	0.0055	6368.6	294.2	119.8	12.1	81.0	0	8.5	AL	QQ
	2041/1	12 57 57.1	28 40 11	38	0.078	0.010	1909.2	103.5	34.5	7.4	32.9	0	7.5	AL	QQ
	1793/3	12 57 58.0	28 40 06	50	0.0441	0.0060	8292.3	133.8	79.2	7.1	1.5	500	29.3	AL	QQ
2936	5391/4	12 57 58.2	36 09 58	50	0.00475	0.00062	40119.2	110.8	100.2	7.6	1.1	0	16.4	H	
2937	5391/5	12 58 02.7	36 01 11	42	0.00179	0.00051	40119.2	49.5	149.5	3.5	0.5	0	8.3	H	
2938	1792/2	12 58 03.7	28 46 02	42	0.0125	0.0029	6368.6	50.7	42.3	4.2	404.1	0	12.8	L	Q
2939	10310/1	12 58 06.4	05 57 34	38	0.0182	0.0048	1335.0	17.7	4.3	3.8	1.0	0	0.8	H	S
2940	5990/1	12 58 17.9	12 38 35	31	0.256	0.011	3126.5	597.9	12.1	24.2	1.3	0	0.2	H	
2941	9701/1	12 58 24.6	64 01 09	41	0.0181	0.0029	4708.5	52.6	16.4	6.3	1.3	0	12.5	H	
2942	5391/6	12 58 39.6	35 39 00	48	*0.0195	0.0011	40119.2	406.3	79.7	18.4	1.2	905	18.9	AH	
	5392/1	12 58 40.8	35 39 16	51	*0.0103	0.0012	38714.4	113.2	62.8	8.5	1.7	1008	34.2	AH	
2943	5391/7	12 59 04.9	36 00 54	51	0.00252	0.00059	40119.2	55.3	110.7	4.3	0.9	0	18.1	H	
2944	1793/4	12 59 05.3	28 07 40	52	0.0161	0.0039	8292.3	59.9	77.1	4.0	325.7	0	23.4	L	
2945	5391/8	12 59 07.9	35 55 04	51	*0.00350	0.00057	40119.2	78.3	85.7	6.1	1.0	905	17.2	AH	
	5392/2	12 59 09.0	35 53 31	65	*0.00271	0.00064	38714.4	45.9	71.1	4.2	1.9	1109	24.9	A	
2946	2041/2	12 59 08.2	28 54 00	41	0.0502	0.0082	1909.2	57.7	10.3	6.0	1.1	0	14.8	AL	CV
	3210/1	12 59 09.8	28 54 21	35	0.062	0.012	908.3	42.2	9.8	4.9	1.0	0	0.7	AL	CV
	1792/3	12 59 10.2	28 53 49	48	0.0613	0.0067	6368.6	145.7	39.3	9.0	1.5	200	29.0	AL	CV
2947	7864/1	12 59 10.8	11 08 10	41	0.0139	0.0026	6249.9	58.6	25.4	5.3	0.9	0	9.2	L	
2948	5392/3	12 59 34.2	36 10 20	51	*0.00438	0.00077	38714.4	72.9	93.1	5.7	1.1	804	25.6	A	
	5391/9	12 59 31.8	36 10 22	56	*0.00242	0.00066	40119.2	38.6	71.4	3.7	1.5	1106	27.2	AH	
2949	5990/2	12 59 36.2	12 38 31	50	0.0412	0.0052	3126.5	69.2	7.8	7.9	1.1	0	19.1	H	
2950	7864/2	12 59 40.3	11 14 01	32	0.0208	0.0030	6249.9	97.0	44.0	6.8	1.2	0	0.4	L	
2951	5392/4	12 59 40.5	36 18 38	48	0.0090	0.0011	38714.4	121.9	88.1	8.4	1.0	300	30.7	H	
2952	9701/2	12 59 49.9	63 53 10	36	0.0137	0.0024	4708.5	47.9	21.1	5.8	1.4	0	0.4	H	S
2953	5545/1	13 00 17.3	-02 11 41	56	*0.0111	0.0028	4881.6	23.1	9.9	4.0	2.				

13^h00^m23.4^s — 13^h17^m21.7^s

Number		Position			Intensity		Detection Params.			SIZE COR	RECO	R (')	Flags		
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±	LIVE-TIME	NET CTS	BKG CTS				S/N	SRC	ID
2955	5392/5	13 00 23.4	36 10 23	51	0.00344	0.00063	38714.4	71.7	100.3	5.5	0.8	0	19.1		
2956	5392/6	13 00 23.8	35 48 15	38	0.01081	0.00080	38714.4	270.6	126.4	13.6	1.4	0	11.3	H	
2957	5392/7	13 00 25.6	35 53 50	42	0.00247	0.00053	38714.4	64.6	128.4	4.6	0.8	0	9.2	H	
2958	5392/8	13 00 32.6	36 06 07	42	0.00320	0.00059	38714.4	75.9	119.1	5.4	0.7	0	14.3	H	
2959	5392/9	13 00 53.8	35 31 43	61	*0.00295	0.00065	38714.4	52.3	80.7	4.5	0.8	601	22.3	H	
2960	5392/10	13 00 55.4	35 57 57	38	0.00658	0.00065	38714.4	183.2	142.8	10.1	1.3	0	5.3	H	
2961	5392/11	13 01 41.0	35 49 25	38	0.0383	0.0013	38714.4	1013.9	128.1	30.0	1.3	0	7.4	H	
2962	5392/12	13 01 57.3	35 42 52	54	0.00202	0.00054	38714.4	46.1	102.9	3.8	1.4	0	14.9	H	
2963	5392/13	13 02 04.7	36 07 38	59	0.00192	0.00055	38714.4	41.8	100.2	3.5	1.2	100	17.5	H	
2964	5392/14	13 02 11.4	35 27 04	52	*0.00243	0.00066	38714.4	32.4	44.6	3.7	1.7	1307	28.9	H	
2965	5392/15	13 02 26.4	36 04 55	51	0.00340	0.00063	38714.4	70.6	99.4	5.4	1.3	0	18.9	H	
2966	3968/1	13 02 56.3	-10 17 18	32	0.136	0.014	950.6	96.5	3.5	9.6	1.2	0	0.2	H	Q
2967	7878/1	13 03 15.3	18 17 17	31	0.189	0.012	1733.6	244.0	5.0	15.5	1.3	0	0.4	H	
2968	2046/1	13 03 29.3	31 09 54	34	0.0652	0.0079	1554.4	73.3	5.7	8.3	2.4	0	4.3	H	CLG
2969	5392/16	13 03 36.8	36 01 58	56	0.00686	0.00096	38714.4	91.1	69.9	7.2	3.2	500	29.3	H	
2970	2608/1	13 04 03.8	34 17 55	51	0.0307	0.0051	3183.4	43.4	8.6	6.0	1.0	0	23.4	H	AGN
2971	2608/2	13 04 47.5	34 40 30	31	0.0903	0.0064	3183.4	213.6	12.4	14.2	1.4	0	1.3	H	
2972	5956/1	13 04 52.3	-65 02 03	32	0.0489	0.0046	3471.0	126.5	12.5	10.7	1.3	0	0.4	H	S
2973	3045/1	13 05 27.6	29 41 40	41	0.0124	0.0018	8008.8	65.2	22.8	7.0	1.2	0	10.6	H	G
2974	1131/1	13 06 10.4	-01 15 42	37	0.0186	0.0044	1574.2	21.7	5.3	4.2	1.1	0	1.5	H	
2975	9224/1	13 06 46.2	-01 21 29	41	0.0341	0.0047	2808.2	60.1	8.9	7.2	2.0	0	12.8	AH	
	6123/1	13 06 43.0	-01 20 11	51	0.0310	0.0052	6334.5	46.0	13.0	6.0	2.3	0	36.9	AH	
	1131/2	13 06 43.2	-01 21 18	42	0.0415	0.0066	1574.2	43.0	4.0	6.3	1.9	0	10.2	AH	
2976	7735/1	13 07 03.6	12 10 34	35	0.0217	0.0032	3453.9	55.9	13.1	6.7	0.8	0	0.8	H	
2977	3045/2	13 07 15.0	29 15 32	51	*0.0130	0.0024	8008.8	41.2	15.8	5.5	0.9	1206	26.9	H	
2978	5344/1	13 07 16.8	08 35 41	31	0.172	0.014	2148.9	275.5	74.5	12.6	1.3	0	0.3	L	Q
2979	549/1	13 08 07.3	32 36 30	38	0.0582	0.0048	4081.4	158.2	10.8	12.2	1.3	0	10.7	AH	BL
	5204/1	13 08 05.1	32 36 53	50	*0.0356	0.0042	4211.7	78.3	6.7	8.5	1.3	1209	18.7	AH	BL
	5205/1	13 08 09.7	32 36 46	48	*0.1140	0.0079	3444.3	215.4	6.6	14.5	1.3	401	18.2	AH	BL
2980	3211/1	13 08 18.2	36 11 57	31	0.390	0.015	2286.3	664.8	8.2	25.6	1.3	0	0.2	H	CV
2981	5205/2	13 08 33.4	32 14 30	51	*0.0187	0.0035	3444.3	35.4	7.6	5.4	1.0	905	17.1	H	
2982	6123/2	13 08 34.5	-01 12 47	47	0.0061	0.0016	6334.5	25.7	21.3	3.7	0.8	0	9.2	H	
2983	5956/2	13 08 41.3	-65 09 05	55	*0.0121	0.0033	3471.0	17.8	6.2	3.6	1.2	401	25.0	H	
2984	6123/3	13 08 46.1	-00 57 59	42	0.0083	0.0018	6334.5	35.9	23.1	4.7	70.6	0	8.8	AH	
	9224/2	13 08 46.9	-00 59 21	62	*0.0138	0.0039	2808.2	16.6	5.4	3.5	1.1	805	25.7	AH	
2985	5204/2	13 08 53.4	32 44 12	51	*0.0171	0.0031	4211.7	38.7	12.3	5.4	1.2	501	17.4	AH	
2986	6123/4	13 08 54.6	-01 04 31	31	0.2625	0.0075	6334.5	1233.1	20.9	34.8	2.0	0	1.9	AH	CLG
	9224/3	13 08 55.2	-01 04 44	48	*0.212	0.013	2808.2	270.5	5.5	16.3	1.6	1106	23.9	AH	CLG
2987	4260/1	13 09 04.7	-05 22 59	42	0.0094	0.0021	4839.5	28.7	13.3	4.4	0.8	0	13.0	AH	
2988	5204/3	13 09 11.0	32 08 17	51	*0.0196	0.0033	4211.7	43.0	9.0	6.0	1.1	601	20.0	H	
2989	6723/1	13 09 20.1	-41 41 44	57	0.0234	0.0060	2580.9	19.6	5.4	3.9	1.5	600	29.7	EH	
2990	4457/1	13 09 30.7	28 07 58	32	0.0677	0.0063	2495.3	125.5	9.5	10.8	1.4	0	0.8	H	S
2991	5204/4	13 09 30.8	32 43 52	56	0.0095	0.0025	4211.7	22.7	12.3	3.8	1.6	0	15.9	H	
2992	6123/5	13 09 37.5	-00 38 01	51	*0.0167	0.0031	6334.5	37.5	10.5	5.4	3.0	601	29.6	H	
2993	6123/6	13 09 41.7	-00 42 37	51	0.0202	0.0031	6334.5	55.1	15.9	6.5	2.4	0	25.6	H	
2994	5205/4	13 09 43.8	32 29 20	38	0.0079	0.0022	3444.3	19.7	11.3	3.5	0.8	0	4.6	H	
2995	549/2	13 09 43.8	32 21 25	52	0.0140	0.0032	4081.4	26.6	10.4	4.4	0.9	0	22.4	AH	S
	5205/3	13 09 39.7	32 21 30	47	0.0098	0.0024	3444.3	23.1	9.9	4.0	0.8	0	7.1	AH	S
	5204/5	13 09 40.9	32 21 05	43	0.0075	0.0021	4211.7	22.0	16.0	3.6	0.9	0	7.4	A	S
2996	5128/1	13 09 50.0	36 00 57	52	*0.0096	0.0023	6215.5	26.3	12.7	4.2	0.9	501	24.1	H	
2997	8434/1	13 10 27.6	-10 51 51	32	0.199	0.022	593.4	88.0	2.0	9.3	1.2	0	0.2	H	Q
2998	5128/2	13 10 05.8	36 50 49	48	*0.0716	0.0068	6215.5	120.2	8.8	10.6	1.2	703	34.7	H	AGN
2999	5204/6	13 11 06.7	32 10 44	52	0.0159	0.0036	4211.7	26.6	10.4	4.4	0.9	0	27.7	H	
3000	6878/1	13 11 23.6	73 10 54	37	0.0100	0.0024	3755.7	26.7	13.3	4.2	5.8	0	3.8	H	CLG
3001	5128/3	13 11 44.4	36 33 01	55	0.0078	0.0019	6215.5	27.6	16.4	4.2	0.9	300	17.5	H	
3002	6721/1	13 12 09.0	-42 20 57	48	0.569	0.047	1054.2	151.4	1.6	12.2	1.4	700	36.1	H	
3003	6878/2	13 12 14.4	73 14 59	39	0.0320	0.0037	3755.7	84.0	12.0	8.6	1.9	0	6.0	H	CLG
3004	5128/4	13 12 27.4	36 18 55	44	0.0061	0.0017	6215.5	23.3	18.7	3.6	0.8	0	13.8	H	
3005	5128/5	13 12 32.7	35 59 11	55	*0.0099	0.0023	6215.5	28.1	13.9	4.3	0.9	703	22.6	H	
3006	6877/1	13 12 36.8	64 50 33	31	0.0691	0.0041	5851.0	300.7	25.3	16.7	1.9	0	1.2	H	CLG
3007	6653/1	13 12 45.5	-16 07 15	31	0.140	0.021	1389.6	144.0	167.0	6.5	3.3	0	1.0	L	
3008	6879/1	13 13 49.8	58 28 58	36	0.0113	0.0018	6523.8	55.2	23.8	6.2	1.8	0	1.7	H	CLG
3009	3394/1	13 14 00.6	29 21 46	38	1.773	0.034	6058.2	6528.5	4171.5	52.2	2.2	0	13.9	AL	S
	883/1	13 13 58.8	29 21 37	31	1.534	0.033	5097.6	5831.7	4501.3	47.0	2.5	0	0.3	AL	S
	3392/1	13 13 59.4	29 21 18	38	1.848	0.043	3822.8	4269.2	2444.8	43.3	2.1	0	14.0	AL	S
	3393/1	13 14 00.5	29 21 37	38	1.265	0.035	4374.0	3349.4	2560.6	35.7	2.3	0	13.6	AL	S
	3391/1	13 14 00.6	29 22 02	38	1.390	0.034	4694.9	3989.2	2583.8	40.7	2.3	0	13.8	AL	S
3010	3531/1	13 14 18.0	09 41 23	31	0.203	0.015	1240.5	187.7	5.3	13.5	1.3	0	0.2	H	S
3011	6878/3	13 14 43.9	72 57 15	51	0.0160	0.0031	3755.7	36.4	11.6	5.2	1.0	0	15.7	H	
3012	5546/1	13 14 56.4	18 00 36	39	0.0096	0.0013	20026.3	121.3	69.7	7.2	0.9	0	12.2	H	L
3013	8996/1	13 15 49.0	-21 10 11	42	0.0067	0.0019	3938.3	19.0	10.0	3.5	3.6	0	2.9		
3014	8996/2	13 16 08.4	-21 13 50	37	0.0101	0.0022	3938.3	29.4	10.6	4.6	2.6	0	3.0	H	
3015	9121/1	13 16 10.8	71 30 40	55	*0.049	0.013	1161.9	16.8	2.2	3.9	1.6	501	33.8	H	
3016	7682/1	13 16 12.4	-22 54 32	32	0.0330	0.0035	4216.7	103.5	13.5	9.6	1.4	0	0.2	H	
3017	10244/1	13 16 34.7	-12 01 42	51	*0.0120	0.0024	6140.5	33.9	14.1	4.9	0.9	1007	22.2	H	
3018	6722/1	13 16 41.2	-42 29 37	41	0.0369	0.0056	1999.7	48.1	5.9	6.5	1.2	0	11.4	H	
3019	10244/2	13 16 54.5	-12 23 47	36	0.0070	0.0016	6140.5	32.1	21.9	4.4	1.2	0	0.4	H	G
3020	8996/3	13 17 01.6	-21 11 28	42	0.0153	0.0028	3938.3	37.0	10.0	5.4	1.0	0	14.3	H	
3021	3120/1	13 17 19.7	43 09 59	51	0.0248	0.0036	5985.5	56.1	11.9	6.8	1.6	100	27.7	H	
3022	10														

13^h17^m34.6^s — 13^h32^m15.5^s

Number		Position			Intensity		Detection Params.			SIZE COR	RECO	R (')	Flags		
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±	LIVE-TIME	NET CTS	BKG CTS				S/N	SRC	ID
3023	8996/4	13 17 34.6	-21 34 18	54	0.0171	0.0040	3938.3	23.5	6.5	4.3	1.3	0	31.1	H	
3024	5546/2	13 17 50.8	18 01 57	48	0.0736	0.0040	20026.3	539.6	98.4	18.5	1.4	100	29.4	L	
3025	525/1	13 18 19.7	29 28 00	51	*0.0219	0.0042	3038.2	31.6	5.4	5.2	1.1	1007	21.8	L	
3026	6880/1	13 18 21.4	70 17 60	35	0.0170	0.0044	3351.0	41.7	36.3	3.8	2.9	0	4.1	L	CLG
3027	525/2	13 18 23.1	28 54 26	43	0.0178	0.0034	3038.2	33.0	8.0	5.2	1.5	0	14.4	L	
3028	4981/1	13 19 02.8	-11 01 02	47	0.0217	0.0058	1286.7	16.7	3.3	3.7	0.9	0	14.0	H	
3029	4970/1	13 20 37.9	-47 03 39	48	*0.0455	0.0031	23830.6	245.5	39.5	14.5	1.4	704	32.4	EH	
3030	9703/1	13 20 50.1	-04 30 45	52	*0.0221	0.0043	4057.9	32.6	7.4	5.2	1.6	601	28.5	H	
3031	4493/1	13 21 37.1	-42 39 59	45	*0.00369	0.00097	14803.1	35.9	53.1	3.8	0.9	0	10.5	H	
3032	2230/1	13 21 49.9	-10 36 25	51	0.0336	0.0058	2164.9	38.0	5.0	5.8	0.9	0	19.4	H	
3033	9703/2	13 21 50.6	-04 22 27	48	*0.118	0.011	4057.9	128.3	8.7	11.0	1.3	704	31.9	EH	
3034	9703/3	13 21 57.5	-04 54 06	32	0.0337	0.0035	4057.9	101.8	13.2	9.5	1.1	0	0.4	H	S
3035	4493/2	13 22 00.2	-42 52 16	62	*0.0044	0.0010	14803.1	35.3	35.7	4.2	102.2	906	17.0	H	
3036	7469/1	13 22 12.9	-61 57 40	45	0.0094	0.0024	4377.4	27.5	21.5	3.9	0.7	0	10.5	H	
3037	3982/1	13 22 19.6	29 25 47	51	0.0198	0.0041	2715.9	29.9	8.1	4.9	0.8	0	17.5	H	
3038	477/1	13 22 33.0	-42 45 36	31	0.836	0.011	12473.0	7772.5	593.5	75.6	1.7	0	0.7	AL	G
	4493/3	13 22 31.4	-42 45 19	38	0.1552	0.0040	14803.1	1526.1	51.9	38.4	2.5	0	9.2	AH	S
3039	2230/2	13 22 33.7	-10 53 48	31	0.158	0.010	2164.9	254.5	7.5	15.7	1.5	0	1.5	AH	S
	4982/1	13 22 30.9	-10 54 08	48	0.224	0.021	1158.8	121.9	3.1	10.9	1.5	0	22.9	AH	S
3040	4493/4	13 22 36.7	-42 37 58	38	0.00432	0.00092	14803.1	46.7	51.3	4.7	118.5	0	2.6	H	
3041	4970/2	13 22 43.2	-46 47 51	51	*0.00567	0.00086	23830.6	71.3	45.7	6.6	0.8	1108	18.9		
3042	4493/5	13 22 48.2	-42 55 19	51	*0.0084	0.0014	14803.1	62.7	43.3	6.1	45.3	501	19.6	H	
3043	4970/3	13 22 55.0	-47 03 47	39	0.00641	0.00083	23830.6	103.2	74.8	7.7	1.1	0	9.0		GLB
3044	4493/6	13 23 02.5	-42 49 30	51	0.0099	0.0013	14803.1	85.5	48.5	7.4	44.2	0	15.1	H	
3045	477/2	13 23 07.8	-42 32 16	55	0.0060	0.0014	12473.0	44.1	28.9	4.1	0.6	200	15.4	L	
3046	4970/4	13 23 10.3	-47 13 20	45	0.00286	0.00071	23830.6	43.6	74.4	4.0	1.9	0	12.2	H	†
3047	4493/7	13 23 10.4	-42 39 57	49	0.00326	0.00090	14803.1	32.6	49.4	3.6	0.4	0	8.5	H	
3048	7469/2	13 23 17.0	-61 52 26	38	0.2207	0.0087	4377.4	664.3	22.7	25.3	1.2	0	9.0	H	
3049	4970/5	13 23 20.8	-47 13 52	47	0.00279	0.00069	23830.6	42.7	70.3	4.0	2.1	0	11.8		GLB
3050	4970/6	13 23 52.8	-47 13 48	41	0.00542	0.00080	23830.6	85.1	73.9	6.8	1.0	0	10.6	H	GLB
3051	4493/8	13 24 00.2	-42 25 58	52	0.0054	0.0012	14803.1	42.0	43.0	4.6	1.7	100	19.6	H	
3052	4970/7	13 24 26.3	-47 03 16	41	0.00403	0.00072	23830.6	67.5	77.5	5.6	0.7	0	6.5		GLB
3053	7653/1	13 24 52.6	-27 06 54	43	0.0069	0.0018	10272.4	44.9	50.1	3.6	70.9	0	11.6	L	
3054	7653/2	13 25 20.7	-27 04 29	38	0.0212	0.0026	10272.4	138.0	64.0	8.1	27.4	0	11.9	L	
3055	7469/3	13 25 31.9	-61 38 43	51	0.0211	0.0040	4377.4	39.2	14.8	5.3	1.0	0	26.2	H	
3056	4493/9	13 25 36.0	-42 26 07	55	0.0141	0.0024	14803.1	53.9	29.1	5.9	1.5	200	35.7	H	
3057	4970/8	13 25 43.5	-47 00 03	65	*0.00255	0.00072	23830.6	31.4	47.6	3.5	0.8	906	19.8	H	
3058	7137/1	13 25 57.8	-02 17 48	52	0.0226	0.0057	1464.4	18.5	3.5	3.9	0.8	0	16.5		
3059	10449/1	13 26 07.2	12 00 48	38	0.165	0.012	2332.7	247.1	15.9	13.5	1.1	0	11.5	L	
3060	7635/1	13 26 12.4	58 28 30	51	*0.0090	0.0019	6975.4	34.7	18.3	4.8	0.8	1006	17.0	H	
3061	4970/9	13 26 19.1	-47 07 04	48	*0.0156	0.0014	23830.6	155.5	49.5	10.9	1.2	501	26.1	H	
3062	4970/10	13 26 22.3	-47 09 15	57	0.00354	0.00095	23830.6	34.0	49.0	3.7	4.6	0	27.0		†
3063	7653/3	13 26 31.9	-27 02 07	52	0.0124	0.0024	10272.4	55.5	28.5	5.0	1.4	0	24.5	L	
3064	498/1	13 26 42.2	25 46 51	54	0.0115	0.0029	6179.5	24.8	13.2	4.0	1.1	300	30.7	L	
3065	235/1	13 27 27.3	32 09 01	42	0.0355	0.0058	1975.7	42.1	4.9	6.1	1.1	0	14.6	H	AGN
3066	476/1	13 27 30.1	-46 20 46	50	0.0163	0.0022	11505.6	71.9	21.1	7.5	1.1	0	27.3	H	S
3067	7635/2	13 27 45.2	58 40 43	32	0.0307	0.0027	6975.4	159.5	30.5	11.6	1.0	0	0.4	H	G
3068	498/2	13 27 47.9	25 58 06	56	*0.0134	0.0032	6179.5	24.5	10.5	4.1	1.5	907	34.0	H	
3069	491/1	13 27 53.1	30 59 23	56	0.0061	0.0015	7863.3	26.2	17.8	4.0	1.2	0	17.4	H	
3070	491/2	13 27 56.6	30 37 57	45	0.0050	0.0014	7863.3	23.5	21.5	3.5	0.6	0	14.0		
3071	4924/1	13 28 11.5	-54 42 59	32	0.122	0.013	1025.3	93.4	3.6	9.5	1.1	0	0.2	H	CV
3072	144/1	13 28 14.0	-01 36 25	36	0.0506	0.0077	1281.3	47.9	5.1	6.6	3.6	0	0.4	H	
3073	498/3	13 28 16.5	25 24 44	32	0.0167	0.0022	6179.5	76.7	22.3	7.7	1.1	0	0.2	H	Q
3074	3212/1	13 28 25.1	24 29 27	31	0.253	0.019	932.2	175.6	3.4	13.1	1.2	0	0.2	H	S
3075	144/2	13 28 32.7	-01 27 57	43	0.0271	0.0061	1281.3	23.8	5.2	4.4	2.3	0	8.5	H	CLG
3076	235/2	13 28 34.6	31 35 01	48	0.0702	0.0090	1975.7	64.4	4.6	7.8	1.2	0	22.9	H	Q
3077	491/3	13 28 48.5	30 45 55	32	0.0139	0.0018	7863.3	81.4	24.6	7.9	1.0	0	0.4	H	Q
3078	144/3	13 29 04.9	-01 36 26	42	0.0328	0.0069	1281.3	26.6	4.4	4.8	0.9	0	12.2	L	
3079	4023/1	13 29 52.4	17 15 06	52	0.0212	0.0057	2151.2	21.8	4.2	3.5	0.7	200	21.4	H	
3080	476/2	13 30 00.8	-46 36 25	38	0.0261	0.0019	11505.6	212.2	32.8	13.6	1.5	0	6.3	H	S
3081	1956/1	13 30 20.6	02 16 03	31	0.145	0.011	1606.6	171.6	5.4	12.9	1.3	0	2.9	AH	
	1955/1	13 30 19.2	02 16 15	32	0.138	0.014	958.4	95.7	3.3	9.6	1.1	0	2.8	AH	
3082	917/1	13 30 34.7	-08 11 07	48	*0.0428	0.0041	6240.3	121.8	13.2	10.5	1.1	701	23.6	AH	S
	6969/1	13 30 32.7	-08 11 23	48	*0.0169	0.0043	9706.5	72.2	35.8	3.8	1.2	905	24.2	AL	
3083	5730/1	13 30 42.9	-31 24 31	48	*0.0450	0.0088	6222.7	156.7	185.3	5.0	7.0	704	16.9	L	
3084	476/3	13 30 50.8	-46 24 31	38	0.0178	0.0017	11505.6	135.1	33.9	10.4	1.3	0	10.2	H	
3085	476/4	13 31 16.9	-46 11 16	57	0.0046	0.0013	11505.6	24.3	21.7	3.6	1.5	100	23.2	L	
3086	476/5	13 31 18.6	-46 36 40	56	0.0039	0.0011	11505.6	26.5	27.5	3.6	1.3	0	15.6	H	
3087	5376/1	13 31 26.2	17 40 36	51	*0.059	0.010	2673.3	39.0	5.0	5.9	1.9	804	31.1	EH	
3088	5730/2	13 31 46.1	-31 20 13	51	0.0263	0.0049	6222.7	54.9	21.1	5.2	23.6	0	30.7	L	
3089	3213/1	13 32 01.8	37 30 57	42	0.0198	0.0048	2588.6	35.5	16.5	4.0	1.5	0	7.2	L	
3090	1902/1	13 32 06.2	-33 47 24	45	0.0077	0.0017	10592.7	50.4	35.6	4.4	2.5	0	13.1	L	
3091	917/2	13 32 06.7	-08 04 59	31	0.2014	0.0067	6240.3	935.5	21.5	30.2	1.5	0	0.2	AH	S
	6969/2	13 32 06.5	-08 05 06	31	0.1174	0.0050	9706.5	848.1	144.9	23.4	1.2	0	0.0	AH	S
3092	3930/1	13 32 07.3	41 38 06	51	0.0322	0.0047	4292.4	56.7	11.3	6.9	1.5	0	25.9	L	
3093	4023/2	13 32 07.4	17 26 50	51	0.0541	0.0098	2151.2	47.1	8.9	5.3	1.1	0	26.3	L	
3094	588/1	13 32 07.7	-29 39 54	55	*0.0145	0.0028	5708.1	33.3	7.7	5.2	1.3	1209	26.1	H	S
3095	6969/3	13 32 14.2	-08 10 13	38	0.0234	0.0025	9706.5	162.8	58.2	9.2	1.1	0	5.5	AL	
	917/3	13 32 13.7	-08 09 41	35	0.0183	0.0023	6240.3	80.8	18.2	8.1	15.3	0	5.0	AH	
3096	5547														

13^h32^m16.1^s — 14^h00^m18.8^s

Number		Position			Intensity		Detection Params.						Flags		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	± (^{''})	CT RATE	±	LIVE- TIME	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R (['])	SRC	ID
3097	3969/1	13 32 16.1	55 17 12	38	0.0173	0.0048	1272.3	16.5	4.5	3.6	0.8	0	0.4	H	
3098	3213/2	13 32 34.7	37 26 22	31	1.542	0.035	2588.6	2972.3	473.7	44.3	1.4	0	0.1	L	CV
3099	5376/2	13 32 36.3	17 28 55	55	0.0130	0.0036	2673.3	18.6	8.4	3.6	1.9	0	18.4	H	
3100	588/2	13 32 41.8	-29 35 29	48	0.1111	0.0062	5708.1	333.1	9.9	18.0	1.3	400	19.4	H	*
3101	5376/3	13 32 47.5	17 29 36	52	0.0134	0.0035	2673.3	20.6	8.4	3.8	1.9	0	15.8	H	
3102	1902/2	13 33 01.8	-34 02 15	48	*1.572	0.027	10592.7	7141.3	631.7	58.2	1.5	703	24.4	L	CLG
3103	3930/2	13 33 09.5	41 15 28	31	0.0788	0.0052	4292.4	251.8	19.2	15.3	2.9	0	0.2	H	
3104	1902/3	13 33 16.7	-33 13 12	48	0.0463	0.0040	10592.7	213.0	42.0	11.4	1.3	200	25.5	L	CLG
3105	5376/4	13 33 23.3	17 25 12	52	0.0151	0.0036	2673.3	23.8	8.2	4.2	0.7	0	15.6	H	
3106	5376/5	13 33 37.1	17 40 17	38	0.0097	0.0027	2673.3	19.3	10.7	3.5	1.0	0	0.2	H	Q
3107	917/4	13 33 44.7	-08 06 09	56	0.0088	0.0023	6240.3	23.8	15.2	3.8	0.7	0	24.4	L	
3108	1902/4	13 33 45.8	-33 42 17	38	0.0174	0.0025	10592.7	115.8	71.2	6.9	85.1	0	12.7	L	G
3109	5547/2	13 33 47.9	04 24 35	60	*0.0076	0.0016	12627.9	35.2	22.8	4.6	1.5	804	27.6	H	
3110	5547/3	13 33 48.3	03 34 29	53	*0.0069	0.0014	12627.9	40.7	25.3	5.0	2.0	704	23.4	H	
3111	3969/2	13 33 54.0	55 00 15	51	0.0399	0.0086	1272.3	24.0	3.0	4.6	1.1	100	21.7	H	
3112	588/3	13 34 13.7	-29 36 18	31	0.0468	0.0035	5708.1	198.9	18.1	13.5	2.9	0	1.0	H	G
3113	5547/4	13 34 15.1	03 32 08	56	*0.0046	0.0013	12627.9	25.3	25.7	3.5	0.6	805	24.7	H	
3114	588/4	13 34 30.0	-29 38 25	36	0.0118	0.0020	5708.1	48.2	18.8	5.9	11.3	0	4.6	H	G
3115	5547/5	13 34 38.2	03 51 46	39	0.0121	0.0014	12627.9	105.8	42.2	8.7	1.0	0	8.1	H	
3116	7168/1	13 35 00.1	-12 42 10	32	0.164	0.016	871.1	106.2	2.8	10.2	1.1	0	0.2	H	
3117	9136/1	13 35 03.2	09 08 20	37	0.0109	0.0029	3639.6	29.4	13.6	3.6	0.8	0	0.4	L	
3118	7061/1	13 35 06.9	-31 28 57	56	0.0110	0.0025	6092.7	27.7	13.3	4.3	1.4	0	25.5	L	
3119	588/5	13 35 16.9	-29 28 42	51	0.0124	0.0022	5708.1	40.4	12.6	5.6	1.2	0	16.7	H	CLG
3120	6881/1	13 35 40.3	71 26 30	48	*0.106	0.011	2293.5	92.0	3.0	9.4	1.2	1106	28.0	H	CLG
3121	588/6	13 35 53.8	-29 18 25	51	0.0212	0.0035	5708.1	44.8	10.2	6.0	1.5	0	29.2	H	S
3122	9136/2	13 35 55.2	09 05 20	56	0.0086	0.0023	3639.6	19.7	1.3	3.7	0.3	0	13.3	L	
3123	320/1	13 39 32.5	26 37 19	31	0.0431	0.0077	3506.5	112.4	144.6	5.5	4.6	0	0.2	L	CLG
3124	1958/1	13 39 37.3	05 20 17	42	0.0353	0.0078	970.2	23.7	3.3	4.6	1.0	0	6.8	AH	AGN
3125	5044/1	13 39 40.1	05 20 39	43	0.0161	0.0039	1961.2	22.2	6.8	4.1	1.4	0	7.1	AH	AGN
3126	496/1	13 39 54.2	60 31 05	42	0.0139	0.0026	3931.0	37.6	12.4	5.3	1.1	0	7.4	H	S
3127	5314/1	13 40 35.7	-61 06 53	38	0.551	0.018	3687.1	1390.5	167.5	31.0	1.3	0	8.2	aL	
3128	6442/1	13 40 37.7	28 42 56	47	0.0166	0.0043	1738.5	18.9	5.1	3.9	0.8	0	11.0	H	
3129	6442/2	13 40 44.5	28 59 27	55	0.0240	0.0062	1738.5	18.3	3.7	3.9	0.8	0	24.3	H	
3130	2990/1	13 40 47.4	-61 04 47	51	*0.155	0.021	1842.3	56.8	4.2	7.3	1.8	806	29.7	aEH	
3131	5314/2	13 41 46.8	-61 12 59	51	0.0179	0.0039	3687.1	38.1	12.9	4.4	0.9	0	16.4	L	
3132	496/2	13 42 50.6	60 16 24	55	0.0156	0.0037	3931.0	24.0	9.0	4.2	1.3	0	26.7	L	
3133	768/1	13 43 25.9	-60 09 27	36	0.0447	0.0082	1021.5	32.8	3.2	5.5	0.8	0	4.2	H	
3134	7822/1	13 44 05.0	-29 58 28	47	0.0096	0.0025	4788.7	29.6	12.4	3.7	0.6	0	12.9	L	
3135	5549/1	13 44 07.0	17 51 55	50	0.0324	0.0060	2763.0	52.2	15.8	5.3	1.0	100	15.1	L	
3136	768/2	13 44 11.6	-60 22 11	38	0.172	0.017	1021.5	110.2	2.8	10.4	1.1	0	13.6	AH	
3137	2990/2	13 44 08.2	-60 22 01	48	*0.122	0.012	1842.3	106.3	2.7	10.2	1.3	1006	23.2	AH	
3138	3405/1	13 44 16.3	26 41 56	52	0.0157	0.0041	2532.0	19.9	7.1	3.8	0.9	200	20.8	H	
3139	5549/2	13 44 52.8	17 42 16	31	0.1160	0.0091	2763.0	238.5	34.5	12.6	1.2	0	0.4	L	S
3140	293/1	13 46 16.0	26 37 02	43	0.0124	0.0025	6498.2	49.2	22.8	4.8	194.7	0	14.2	L	
3141	293/2	13 46 17.5	26 46 00	38	0.0326	0.0050	6498.2	148.4	188.6	6.4	34.1	0	6.7	L	
3142	7822/2	13 46 29.1	-30 03 21	48	*1.329	0.033	4788.7	2683.8	280.6	40.3	1.3	601	25.5	L	
3143	293/3	13 46 35.4	26 50 23	31	0.517	0.015	6498.2	2476.6	1327.4	33.5	3.3	0	1.5	L	CLG
3144	4261/1	13 47 09.0	-03 35 02	52	0.0093	0.0024	4158.8	22.6	11.4	3.9	1.0	100	16.5	H	
3145	293/4	13 48 03.4	26 55 44	51	0.0148	0.0028	6498.2	50.6	15.4	5.2	0.8	100	19.0	L	
3146	5377/1	13 50 49.6	18 10 39	51	*0.0278	0.0052	2669.3	35.7	8.3	5.4	0.9	701	21.7	H	
3147	3933/1	13 51 40.6	40 05 30	48	0.0432	0.0052	4378.1	78.2	8.8	8.4	1.1	0	27.3	AH	
3148	3932/1	13 51 39.7	40 05 47	51	0.0443	0.0073	3217.6	53.3	5.7	5.9	1.2	300	29.2	AL	
3149	10596/1	13 51 55.6	69 33 18	31	0.781	0.031	1547.5	900.8	107.2	24.9	1.3	0	0.2	L	
3150	5377/2	13 52 12.7	18 20 06	31	0.1193	0.0079	2669.3	237.0	11.0	15.1	1.6	0	0.2	AH	AGN
3151	2665/1	13 52 11.6	18 20 02	48	*0.175	0.016	1777.9	121.0	3.0	10.9	1.6	1309	27.1	AH	AGN
3152	851/1	13 52 13.0	18 20 26	48	*0.127	0.014	1323.9	88.5	3.5	9.2	1.2	906	18.8	AH	AGN
3153	3932/2	13 52 14.0	40 59 52	51	0.0358	0.0069	3217.6	46.6	13.4	5.0	1.1	0	25.8	L	
3154	851/2	13 52 18.7	18 38 35	36	0.0302	0.0060	1323.9	29.8	5.2	5.0	1.0	0	0.4	AH	S
3155	2665/2	13 52 16.9	18 38 03	52	*0.0259	0.0058	1777.9	23.2	3.8	4.5	0.8	805	20.2	AH	S
3156	5377/3	13 52 17.0	18 38 40	54	*0.0198	0.0042	2669.3	27.6	6.4	4.7	1.4	1109	18.8	AH	S
3157	7169/1	13 54 28.8	-15 12 25	36	0.0184	0.0039	1860.2	25.4	4.6	4.6	1.0	0	0.7	L	
3158	3970/1	13 55 58.6	-41 38 07	32	0.169	0.017	1081.0	136.0	9.0	10.0	1.1	0	0.4	L	
3159	2602/1	13 57 33.2	-02 27 23	43	0.0203	0.0046	1866.3	23.9	5.1	4.4	1.2	0	12.0	L	AGN
3160	7305/1	13 57 37.1	62 27 39	47	0.0155	0.0043	1714.8	17.7	6.3	3.6	0.8	0	9.5	AH	
3161	9227/1	13 57 30.3	62 27 17	52	0.0345	0.0087	1590.5	20.2	5.8	4.0	1.0	100	29.0	AH	
3162	8334/1	13 58 01.5	04 19 34	32	0.0327	0.0039	3290.4	80.3	11.7	8.4	1.1	0	0.2	H	
3163	141/1	13 58 03.7	-10 54 33	55	0.0120	0.0034	2349.2	16.8	6.2	3.5	0.7	0	15.2	H	
3164	9227/2	13 58 20.0	62 46 15	42	0.0283	0.0059	1590.5	28.9	8.1	4.8	1.0	0	12.2	AH	
3165	7305/2	13 58 22.5	62 45 13	51	*0.0419	0.0076	1714.8	35.4	5.6	5.5	1.0	704	20.7	AH	
3166	7304/1	13 58 24.1	62 45 14	51	*0.0561	0.0099	1267.7	35.4	3.6	5.7	1.1	501	20.5	AH	
3167	141/2	13 58 55.6	-10 53 03	39	0.0530	0.0058	2349.2	89.4	7.6	9.1	2.7	0	7.0	H	
3168	3151/1	13 58 56.9	41 09 09	37	0.0217	0.0044	1820.4	28.1	4.9	4.9	1.2	0	4.9	H	
3169	8334/2	13 59 06.6	04 30 51	48	0.0525	0.0059	3290.4	88.1	8.9	8.9	1.1	0	20.1	H	
3170	8704/1	13 59 16.5	-41 30 11	51	0.0250	0.0059	3380.6	38.4	16.6	4.1	1.2	600	23.0	L	
3171	6037/1	13 59 56.5	-04 36 47	35	0.0310	0.0046	2242.7	51.6	7.4	6.7	1.4	0	0.8	H	
3172	2231/1	14 00 13.6	-60 08 03	38	0.178	0.012	1946.5	214.6	4.4	14.5	1.5	0	13.8	H	S
3173	8704/2	14 00 16.4	-41 08 38	32	0.0423	0.0055	3380.6	105.4	32.6	7.6	1.2	0	2.8	L	G
3174	3070/1	14 00 22.7	16 14 31	36	0.0255	0.0052	1546.5	29.4	6.6	4.9	1.1	0	0.4	AL	BL
3175	7727/1	14 00 18.8	16 14 34	36	0.0207	0.0048	2230.5	34.0	11.0	4.2	1.0	0	0.6	AL	BL

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
3166	3071/1	14 00 19.9	16 14 18	36	0.0258	0.0065	1543.2	29.7	11.3	3.8	1.4	0	0.3	AL	BL
	2140/1	14 01 04.1	54 53 60	55	0.0052	0.0014	10383.4	28.7	34.3	3.6	1.0	200	18.6	H	S
3167	3717/1	14 01 07.5	04 46 16	51	*0.0112	0.0021	9795.0	45.8	25.2	5.4	0.9	602	26.2	H	
3168	2140/2	14 01 07.8	54 33 52	35	0.0114	0.0015	10383.4	85.5	49.5	7.4	2.7	0	4.0	AH	
	2141/1	14 01 03.5	54 34 01	36	0.0065	0.0016	6074.6	28.5	20.5	4.1	4.4	0	4.4	AH	
3169	2141/2	14 01 14.0	54 36 48	42	0.0060	0.0015	6074.6	26.7	18.3	4.0	6.4	0	2.5		
3170	2140/3	14 01 19.6	54 41 51	41	0.0080	0.0014	10383.4	58.6	40.4	5.9	0.9	0	6.2		
3171	2140/4	14 01 24.2	54 34 34	36	0.0082	0.0014	10383.4	62.7	51.3	5.9	4.1	0	2.3	H	†
3172	3717/2	14 01 36.1	04 48 58	52	*0.0074	0.0016	9795.0	33.7	21.3	4.5	0.9	502	23.3	H	
3173	2141/3	14 01 37.8	54 34 16	36	0.0092	0.0017	6074.6	40.7	18.3	5.3	3.7	0	1.9	H	G
3174	9021/1	14 01 43.6	09 52 13	48	*0.0789	0.0081	6778.6	237.5	21.7	9.6	1.2	804	24.7	AL	AGN
	6684/1	14 01 44.7	09 52 09	51	*0.051	0.010	1528.6	27.9	3.1	5.0	1.4	1002	29.5	AH	AGN
3175	4985/1	14 01 47.3	-43 22 04	51	0.0307	0.0077	1937.3	25.1	4.9	3.8	0.8	0	24.9	L	
3176	3717/3	14 01 58.6	04 37 12	42	0.0078	0.0014	9795.0	50.9	29.1	5.7	0.8	0	10.9	H	
3177	3717/4	14 02 19.2	04 16 56	38	0.0481	0.0030	9795.0	287.5	29.5	16.1	1.2	0	13.2	H	BL
3178	3154/1	14 02 20.0	-61 35 13	39	0.0386	0.0049	2777.5	72.5	11.5	7.9	1.1	0	9.2	AH	
	4598/1	14 02 19.6	-61 34 58	41	0.0111	0.0029	2688.2	22.3	10.7	3.9	0.6	0	1.2	A	
3179	5379/1	14 02 20.0	26 27 17	51	0.0173	0.0037	3132.9	27.9	7.1	4.7	0.9	0	19.4	A	
3180	3717/5	14 02 24.9	05 01 46	99	*0.0069	0.0019	9795.0	21.0	14.0	3.6	1.0	601	31.9	H	
3181	2141/4	14 02 26.1	54 40 30	41	0.0174	0.0023	6074.6	71.7	19.3	7.5	1.0	0	9.6	AH	
	2140/5	14 02 29.7	54 40 23	41	0.0104	0.0015	10383.4	72.3	41.7	6.8	0.9	0	9.7	AH	
3182	3717/6	14 02 30.7	04 29 56	36	0.0056	0.0012	9795.0	40.9	36.1	4.7	0.6	0	0.2		Q
3183	9021/2	14 02 34.8	10 14 08	48	*0.073	0.016	6778.6	100.8	54.0	4.7	0.0	1005	41.5	EIL	
3184	4598/2	14 02 42.2	-61 17 33	54	0.0128	0.0035	2688.2	18.9	8.1	3.6	0.7	0	18.5	H	
3185	5379/2	14 03 01.2	26 09 47	32	0.0573	0.0051	3132.9	133.6	8.4	11.2	1.8	0	0.7	H	Q
3186	2141/5	14 03 30.9	54 39 25	50	0.0225	0.0028	6074.6	75.0	14.0	8.0	1.2	0	17.8	H	Q
3187	5554/1	14 03 36.3	64 49 45	42	0.0113	0.0027	5610.2	39.2	21.8	4.1	0.7	0	13.2	H	L
3188	2140/6	14 03 55.2	54 25 25	51	*0.0109	0.0018	10383.4	52.1	24.9	5.9	0.9	907	23.7	H	
3189	5380/1	14 04 04.6	22 38 05	37	0.0112	0.0028	2686.5	22.3	8.7	4.0	0.8	0	0.4	H	Q
3190	8337/1	14 04 28.2	55 02 55	42	0.0194	0.0035	3368.6	39.8	11.2	5.6	0.9	0	14.3	H	
3191	5554/2	14 04 45.9	64 45 12	43	0.0105	0.0028	5610.2	36.7	29.3	3.6	1.1	0	13.6	L	
3192	27/1	14 05 51.0	72 52 27	52	0.00344	0.00057	45839.6	82.8	107.2	6.0	1.2	0	19.7	H	
3193	4986/1	14 05 56.0	-44 24 53	50	0.076	0.011	1303.8	55.9	5.1	7.2	1.0	0	16.6	AH	
	4097/1	14 05 53.7	-44 24 22	55	*0.044	0.012	1294.0	16.6	3.4	3.7	1.9	805	32.3	AH	
3194	4097/2	14 05 58.7	-45 02 57	38	0.281	0.019	1294.0	216.2	4.8	14.5	1.3	0	14.7	AH	S
	4986/2	14 05 58.3	-45 03 04	48	*0.405	0.029	1303.8	192.4	2.6	13.8	1.3	1308	29.5	AH	S
3195	6598/1	14 07 02.4	-62 14 28	41	0.0067	0.0018	4834.3	23.6	16.4	3.7	0.8	0	2.7	H	
3196	5381/1	14 07 08.7	26 32 40	32	0.1072	0.0098	1556.7	124.4	4.6	10.9	1.7	0	0.6	H	Q
3197	27/2	14 07 24.5	72 35 29	48	0.0188	0.0011	45839.6	346.4	95.6	16.5	1.2	0	27.0	H	
3198	6598/2	14 07 32.0	-61 41 45	55	0.0169	0.0037	4834.3	27.1	8.9	4.5	1.4	0	31.9	H	
3199	6883/1	14 07 54.3	59 54 09	38	0.0900	0.0068	3147.3	187.0	12.0	13.3	1.1	0	10.0	H	
3200	5381/2	14 08 06.9	26 17 12	52	0.0234	0.0058	1556.7	18.9	3.1	4.0	1.7	0	20.2	H	
3201	27/3	14 09 09.8	72 58 48	37	0.00166	0.00043	45839.6	55.4	154.6	3.8	0.6	0	3.5		
3202	3547/1	14 09 32.7	52 26 25	31	0.0252	0.0018	11835.1	222.0	41.0	13.7	1.3	0	0.8	AH	*
	271/1	14 09 35.2	52 26 17	36	0.0229	0.0037	2706.1	46.2	10.8	6.1	1.0	0	1.0	AH	*
3203	7204/1	14 10 00.6	-02 54 55	42	0.0093	0.0018	6454.3	40.0	18.0	5.3	1.0	0	10.5		
3204	3547/2	14 10 36.0	52 39 39	56	*0.0056	0.0012	11835.1	36.8	27.2	4.6	1.1	704	16.7	H	
3205	7204/2	14 10 38.5	-02 58 22	31	0.3100	0.0081	6454.3	1492.0	20.0	38.4	1.1	0	0.2	AH	SY
	3063/1	14 10 39.2	-02 58 23	31	0.329	0.015	1901.4	464.3	5.7	21.4	1.1	0	0.8	AH	SY
	3062/1	14 10 39.2	-02 58 20	31	0.240	0.012	2257.1	402.8	6.2	19.9	1.1	0	0.7	AH	SY
	9502/1	14 10 40.6	-02 58 23	31	0.316	0.012	2942.3	692.1	9.9	26.1	1.1	0	0.4	AH	SY
3206	7204/3	14 11 03.6	-03 10 08	47	0.0072	0.0017	6454.3	28.4	18.6	4.1	1.4	0	13.2	H	
3207	10107/1	14 11 07.0	-00 36 42	36	0.0206	0.0040	2175.5	33.3	7.7	5.2	1.0	0	0.9	H	
3208	3547/3	14 11 33.3	52 19 43	51	*0.0097	0.0015	11835.1	59.4	23.6	6.5	0.8	906	20.1	H	
3209	5143/1	14 11 43.1	13 18 59	57	*0.0134	0.0032	5354.4	23.8	8.2	4.2	0.9	1004	31.1	H	*
3210	4093/1	14 12 03.3	-61 27 53	51	0.0376	0.0075	2013.4	28.8	4.2	5.0	1.7	0	27.7	AH	
	6604/1	14 12 07.3	-61 27 19	55	*0.0237	0.0065	3056.3	18.6	7.4	3.6	0.9	702	29.7	AEH	
3211	4098/1	14 12 28.0	-44 46 11	52	0.0438	0.0083	2076.5	31.5	4.5	5.2	1.1	400	30.6	H	
3212	27/4	14 12 33.3	73 03 29	41	0.00400	0.00053	45839.6	116.8	125.2	7.5	1.1	0	11.6	H	
3213	10437/1	14 12 43.1	08 46 09	50	*0.0225	0.0045	9328.9	72.1	34.6	4.8	1.7	803	30.4	L	
3214	6885/1	14 12 43.3	71 40 15	43	0.0107	0.0026	3783.8	25.4	11.6	4.2	0.7	0	13.1	H	
3215	5143/2	14 12 51.9	13 20 17	51	0.0127	0.0025	5354.4	37.6	15.4	5.2	0.8	0	17.0	AH	*
	8982/1	14 12 51.7	13 20 25	51	0.0101	0.0021	10145.9	56.9	39.1	4.7	0.9	0	17.3	AL	*
3216	3307/1	14 12 55.5	-21 46 26	48	*0.0651	0.0082	1935.7	66.9	4.1	7.9	1.1	1007	18.4	H	
3217	6885/2	14 13 13.4	71 32 36	35	0.0268	0.0035	3783.8	72.6	15.4	7.7	2.6	0	5.0	H	CLG
3218	27/5	14 13 33.4	73 00 07	52	0.00325	0.00053	45839.6	85.5	112.5	6.1	1.5	0	15.3	H	
3219	8982/2	14 13 34.1	13 34 17	35	0.0097	0.0018	10145.9	73.0	48.0	5.4	0.9	0	0.1	AL	Q
	5143/3	14 13 34.4	13 34 22	37	0.0063	0.0017	5354.4	25.1	21.9	3.7	0.7	0	0.6	A	
3220	5143/4	14 13 51.9	14 00 49	49	0.0414	0.0048	5354.4	87.3	15.7	8.6	1.1	0	26.9	AH	*
	8982/3	14 13 50.9	14 00 51	48	0.0272	0.0036	10145.9	107.9	43.1	7.3	1.1	0	26.9	AL	*
3221	7819/1	14 13 58.2	01 51 24	51	*0.0425	0.0073	1973.3	37.5	3.5	5.9	1.0	501	24.4	H	
3222	7818/1														

14^h14^m52.1^s — 14^h27^m08.5^s

Number		Position			Intensity		Detection Params.					Flags			
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±	LIVE- TIME	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R (')	SRC	ID
	10387/1	14 14 52.1	-12 47 11	52	0.0238	0.0059	1820.6	19.5	3.5	4.1	0.9	0	24.1	AH	
	10389/1	14 14 52.5	-12 47 13	55	0.0183	0.0051	2020.7	16.2	3.8	3.6	1.1	0	23.8	AH	
	10388/1	14 14 53.3	-12 47 16	52	0.0277	0.0073	1468.3	17.0	3.0	3.8	0.9	0	23.6	AH	
3228	5143/5	14 14 57.4	13 37 16	52	0.0114	0.0024	5354.4	30.9	13.1	4.7	1.2	200	20.6	H	* AGN
3229	356/1	14 14 59.8	25 13 17	40	0.0068	0.0011	22397.2	94.6	73.4	5.9	1.2	0	13.0	L	
3230	165/1	14 15 00.7	08 20 24	42	0.0167	0.0037	3084.7	37.0	13.0	4.3	6.3	0	5.1	L	
3231	7637/1	14 15 25.9	56 40 36	48	*0.0476	0.0052	6197.9	98.3	18.7	9.1	1.1	501	28.2	EH	
3232	7912/2	14 15 32.0	40 03 11	45	0.0128	0.0034	2504.7	19.5	7.5	3.8	0.7	0	13.9	H	
3233	7679/1	14 15 35.9	-18 51 02	54	*0.0092	0.0024	4506.7	19.2	6.8	3.8	0.9	703	22.0	H	
3234	3551/1	14 15 40.3	53 54 09	52	*0.0189	0.0048	2073.1	19.1	4.9	3.9	0.9	601	21.4	H	
3235	356/2	14 15 40.4	25 57 02	48	*0.2071	0.0078	22397.2	2172.5	383.5	26.6	1.2	1104	35.1	IL	BL
3236	356/3	14 15 43.7	25 22 08	31	0.9058	0.0087	22397.2	15121.0	1474.0	104.0	1.3	0	0.4	L	
3237	356/4	14 16 14.4	25 24 48	38	0.0133	0.0015	22397.2	204.7	165.3	8.6	63.7	0	7.8	L	CLG
3238	10373/2	14 16 21.9	-12 56 54	31	0.292	0.013	2375.4	516.2	7.8	22.5	1.1	0	0.2	AH	
	4897/1	14 16 20.3	-12 56 60	38	0.178	0.013	1745.2	202.8	4.2	14.1	1.2	0	11.6	AH	
	5347/1	14 16 20.8	-12 56 39	31	0.197	0.012	1951.9	287.5	4.5	16.8	1.2	0	0.4	AH	Q
	10387/2	14 16 21.9	-12 56 48	31	0.316	0.015	1820.6	429.5	5.5	20.6	1.2	0	0.2	AH	Q
	10389/2	14 16 22.0	-12 56 54	31	0.321	0.015	2020.7	483.2	6.8	21.8	1.1	0	0.2	AH	Q
	10388/2	14 16 22.9	-12 56 60	31	0.295	0.017	1468.3	319.3	4.7	17.7	1.2	0	0.2	AH	Q
	10386/1	14 16 23.0	-12 56 55	31	0.257	0.013	2150.7	405.4	5.6	20.0	1.2	0	0.4	AH	Q
3239	1959/1	14 16 32.7	-19 36 35	51	*0.0453	0.0083	1530.1	32.4	2.6	5.5	1.1	502	22.6	H	
3240	502/1	14 16 39.8	06 42 38	36	0.0255	0.0045	2081.6	39.5	9.5	5.6	0.9	0	0.6	H	
3241	356/5	14 16 40.4	25 23 44	39	0.0071	0.0011	22397.2	97.8	69.2	6.1	167.1	0	13.3	L	AGN
3242	9705/1	14 16 52.4	13 13 59	32	0.0488	0.0062	2981.2	108.5	33.5	7.7	1.2	0	0.2	L	S
3243	356/6	14 16 58.0	25 29 51	55	0.0036	0.0010	22397.2	43.4	49.6	3.5	1.3	0	18.6	L	
3244	1960/1	14 17 02.0	-19 14 33	31	0.177	0.013	1466.2	193.3	4.7	13.7	1.1	0	0.8	AH	
	1959/2	14 17 02.5	-19 14 25	32	0.136	0.011	1530.1	155.2	4.8	12.3	1.2	0	0.9	AH	
3245	2143/1	14 17 03.8	03 45 21	55	0.0115	0.0030	4901.6	22.3	11.7	3.8	0.9	0	26.8	H	
3246	6603/2	14 17 04.2	-61 51 36	47	0.0088	0.0023	4015.1	23.2	14.8	3.8	0.7	0	11.0	L	
3247	9705/2	14 17 21.8	12 58 20	51	0.0278	0.0053	2981.2	46.3	11.7	5.1	1.1	0	17.3	L	
3248	10353/2	14 17 27.6	-62 28 09	31	0.217	0.013	1707.5	275.7	7.3	16.4	1.2	0	0.4	H	P
3249	7637/2	14 17 34.2	56 39 53	52	0.0090	0.0021	6197.9	29.0	19.0	4.2	0.9	200	18.4	H	
3250	10353/3	14 18 00.5	-62 47 35	55	*0.0213	0.0052	1707.5	19.1	2.9	4.1	1.0	906	19.8	H	
3251	7637/3	14 18 04.7	57 13 41	52	0.0076	0.0020	6197.9	27.7	10.3	3.7	0.6	0	16.2	L	
3252	27/6	14 18 05.1	73 09 53	56	0.0113	0.0013	45839.6	114.2	70.8	8.4	1.4	600	36.7	EH	
3253	8310/1	14 18 07.5	54 36 59	32	0.0333	0.0051	3710.1	92.0	46.0	6.4	1.3	0	0.2	L	
3254	10353/4	14 19 38.5	-62 19 25	51	0.0346	0.0066	1707.5	32.5	5.5	5.3	1.0	0	17.8	H	
3255	1851/1	14 20 06.5	48 42 28	43	0.0161	0.0040	1938.8	21.8	7.2	4.1	1.4	0	5.5	H	
3256	5557/1	14 20 09.2	29 56 36	39	0.0339	0.0039	3524.4	84.0	11.0	8.6	1.2	0	6.4	H	
3257	1851/2	14 20 42.1	48 45 36	48	0.0150	0.0038	1938.8	20.7	7.3	3.9	0.9	0	5.1	H	
3258	5557/2	14 20 58.6	29 55 59	55	0.0101	0.0026	3524.4	20.5	7.5	3.9	0.9	0	16.3	H	
3259	8440/1	14 21 32.2	63 21 44	49	0.0237	0.0029	6331.2	85.6	24.4	8.2	1.3	0	15.9	H	
3260	1851/3	14 21 41.9	48 40 04	56	*0.0165	0.0043	1938.8	18.1	3.9	3.9	0.9	905	15.8	H	
3261	5559/1	14 22 07.5	52 25 45	56	0.0084	0.0024	5479.1	19.7	11.3	3.5	1.0	300	24.0	H	
3262	4396/1	14 22 36.2	20 14 19	37	0.0187	0.0042	1762.6	24.6	6.4	4.4	0.8	0	0.4	H	Q
3263	7689/1	14 23 12.4	-62 33 21	48	0.0495	0.0042	8366.6	210.8	37.2	11.6	1.1	0	20.1	AL	S
	3243/1	14 23 13.5	-62 33 21	48	*0.0578	0.0067	7148.5	193.4	19.0	8.5	1.1	904	22.7	AL	S
3264	4144/1	14 23 18.1	01 04 31	47	0.0113	0.0028	3451.0	22.7	9.3	4.0	0.8	100	14.8	H	
3265	5559/2	14 23 29.6	52 04 41	31	0.3368	0.0091	5479.1	1375.5	19.5	36.8	1.7	0	0.2	H	S
3266	3898/1	14 23 37.2	24 17 43	52	*0.0375	0.0088	1122.8	19.5	1.5	4.2	1.1	1209	22.5	H	
3267	4396/2	14 23 53.3	20 08 56	52	0.0215	0.0051	1762.6	20.5	3.5	4.2	1.1	500	18.4	H	
3268	8440/2	14 24 07.0	63 25 16	31	0.0877	0.0045	6331.2	409.7	29.3	19.6	1.8	0	2.7	H	
3269	6077/1	14 24 23.4	16 38 41	48	0.0324	0.0026	14135.7	271.9	73.1	12.5	1.3	0	15.4	AL	S
	140/1	14 24 22.3	16 38 34	50	0.064	0.010	1469.4	55.7	4.3	6.3	1.0	0	15.4	AL	S
3270	7608/1	14 24 25.1	02 08 16	51	*0.0135	0.0022	6739.9	47.8	11.2	6.2	0.9	703	19.5	H	
3271	3898/2	14 24 44.7	24 01 34	35	0.0672	0.0093	1122.8	56.2	3.8	7.3	1.0	0	0.6	H	BL
3272	6077/2	14 25 16.5	17 07 06	48	*0.0427	0.0038	14135.7	334.0	135.3	11.1	8.4	702	17.2	L	
3273	3971/1	14 25 23.2	26 45 36	37	0.0265	0.0053	1502.2	29.6	5.4	5.0	1.0	0	0.2	H	Q
3274	6077/3	14 25 23.4	16 54 45	41	0.0080	0.0016	14135.7	71.9	71.1	4.8	2.4	0	12.9	L	
3275	3971/2	14 25 24.4	26 58 04	47	0.0176	0.0049	1502.2	16.5	4.5	3.6	0.7	0	12.7	L	
3276	8440/3	14 25 47.3	63 20 42	46	0.0077	0.0019	6331.2	30.6	23.4	4.2	0.6	0	13.1	L	
3277	6077/4	14 25 59.1	16 41 06	55	*0.0104	0.0027	14135.7	64.9	41.3	3.7	1.2	804	24.9	L	
3278	7689/2	14 26 02.4	-62 27 32	31	0.436	0.011	8366.6	2713.8	522.2	41.5	1.4	0	0.4	AL	S
	3243/2	14 26 04.6	-62 27 54	31	0.476	0.012	7148.5	2502.0	484.0	39.8	1.5	0	2.2	AL	S
3279	7608/2	14 26 26.7	01 58 25	41	0.0182	0.0023	6739.9	76.9	17.1	7.9	1.3	0	12.5	AL	
	10393/1	14 26 24.7	01 57 43	54	0.0194	0.0048	2879.3	21.4	6.6	4.1	1.2	0	27.4	AH	
	10391/1	14 26 25.8	01 58 05	56	0.0206	0.0051	2713.4	21.1	5.9	4.1	1.2	0	27.9	AH	
	10393/2	14 26 34.3	01 30 21	31	0.338	0.013	2879.3	724.5	9.5	26.7	1.5	0	0.4	AH	Q
3280	7608/3	14 26 32.7	01 30 32	48	*0.218	0.011	6739.9	428.4	8.6	20.5	1.8	501	32.9	AH	Q
	5348/1	14 26 33.7	01 30 37	31	0.441	0.022	2033.8	667.1	144.9	20.2	1.5	0	0.1	AL	Q
	4143/1	14 26 34.1	01 30 27	48	0.331	0.024	1461.7	198.8	4.2	13.9	1.3	0	27.1	AH	Q
	10391/2	14 26 34.1	01 30 30	31	0.325	0.013	2713.4	656.5	8.5	25.5	1.5	0	0.2	AH	Q
	10392/1	14 26 34.1	01 30 27	31	0.330	0.013	2787.6	684.4	9.6	26.0	1.5	0	0.2	AH	Q
	10390/1	14 26 34.2	01 30 26	31	0.317	0.013	2571.4	607.2	7.8	24.5	1.6	0	0.4	AH	Q
	10374/1	14 26 34.2	01 30 34	31	0.303	0.014	2258.3	508.8	8.2	22.4	1.5	0	0.2	AH	Q
3281	7608/4	14 26 45.6	01 50 40	52	*0.0114	0.0020	6739.9	39.2	9.8	5.6	1.0	907	19.5	H	
3282	8468/1	14 26 58.1	10 52 37	38	0.0219	0.0022	9202.0	128.5	31.5	10.2	1.1	0	11.8	H	
3283	3243/3	14 27 01.7	-62 14 24	41	0.0160	0.0024	7148.5	68.5	13.5	6.5	0.8	0	14.0	AL	S
	7689/3	14 26 59.9	-62 14 15	51	0.0083	0.0020	8366.6	41.4	25.6	4.1	1.1	0	15.2	AL	S
3284	5252/1	14 27 08.5	-43 37 00	55	*0.046	0.012	1541.2	18.2	2.8						

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
3285	8468/2	14 27 28.2	10 34 01	52	*0.0080	0.0018	9202.0	33.2	20.8	4.5	1.1	501	22.8	H	
3286	8468/3	14 27 43.7	10 56 51	32	0.0134	0.0016	9202.0	91.9	35.1	8.2	0.9	0	0.2	H	
3287	3300/1	14 28 14.5	07 32 53	42	0.0352	0.0057	1909.4	43.7	6.3	6.2	0.9	0	11.8	H	G
3288	5252/2	14 29 30.3	-43 56 56	36	0.0247	0.0052	1541.2	28.3	6.7	4.8	0.9	0	0.6	H	
3289	5252/3	14 29 40.1	-44 05 37	42	0.0502	0.0073	1541.2	53.2	6.8	6.9	1.8	0	8.7	H	
3290	9093/1	14 29 50.1	-22 16 19	51	0.0221	0.0046	2723.4	34.2	4.8	4.7	0.8	0	16.9	H	L
3291	6361/1	14 30 27.8	05 27 19	49	0.0283	0.0034	5286.0	79.3	13.7	8.2	1.1	0	18.5	H	AGN
3292	6361/2	14 30 35.2	05 32 12	43	0.0075	0.0019	5286.0	23.8	13.2	3.9	0.7	0	14.1	H	
3293	3215/1	14 31 02.6	-17 44 03	56	*0.0303	0.0085	1574.7	15.6	3.4	3.6	1.3	602	28.8	EH	
3294	6361/3	14 31 24.2	05 40 41	36	0.0084	0.0018	5286.0	32.8	18.2	4.6	0.7	0	0.9	H	
3295	9094/1	14 31 26.2	-19 00 32	51	0.0436	0.0099	1661.0	32.8	8.2	4.3	1.0	0	22.8	L	
3296	6691/1	14 31 27.4	03 59 37	42	0.0180	0.0046	1463.0	19.6	5.4	3.9	1.4	0	0.4	H	CLG
3297	6361/4	14 31 36.6	05 27 04	42	0.0113	0.0022	5286.0	37.6	16.4	5.1	1.0	0	13.3	H	
3298	5562/1	14 32 33.1	29 57 59	37	0.0336	0.0070	1027.8	25.6	3.4	4.8	1.3	0	0.9	H	S
3299	3215/2	14 33 02.5	-17 49 21	32	0.0604	0.0074	1574.7	70.8	5.2	8.1	1.1	0	0.4	H	CV
3300	2625/1	14 33 07.4	48 52 48	31	0.1132	0.0086	2113.9	177.4	5.6	13.1	1.4	0	0.8	H	SY
3301	6124/1	14 33 49.4	55 19 49	32	0.0226	0.0021	8819.1	145.6	37.4	10.8	3.8	0	1.5	H	
3302	6124/2	14 34 55.6	55 12 19	45	0.0053	0.0014	8819.1	28.5	28.5	3.8	0.8	0	13.2	H	
3303	6847/1	14 35 21.0	03 38 57	52	*0.0086	0.0018	7158.3	34.6	19.4	4.7	0.9	601	16.6	H	
3304	6124/3	14 35 31.6	55 19 46	48	0.0053	0.0014	8819.1	28.1	28.9	3.7	1.7	300	14.1	H	
3305	5382/1	14 35 37.7	-06 45 23	31	0.157	0.010	2066.0	241.5	6.5	15.3	1.2	0	0.2	H	Q
3306	10421/1	14 35 39.2	63 49 30	35	0.0217	0.0036	3785.8	61.2	16.8	5.8	0.9	0	0.5	L	
3307	6847/2	14 35 50.1	03 53 21	35	0.0149	0.0019	7158.3	79.5	22.5	7.9	2.0	0	1.0	AH	
	369/1	14 35 51.6	03 52 42	42	0.0247	0.0046	2051.5	34.7	7.3	5.4	1.5	0	8.4	AH	
3308	4436/1	14 35 58.9	-60 37 28	31	0.4001	0.0098	10262.2	3060.4	1069.6	40.5	1.7	0	0.5	L	S
3309	6443/1	14 36 51.8	-26 28 54	42	0.0336	0.0067	1282.8	28.3	3.7	5.0	1.2	0	9.9	H	
3310	6847/3	14 37 00.7	03 55 12	51	*0.0103	0.0019	7158.3	41.3	14.7	5.5	1.2	806	16.8	H	
3311	6847/4	14 37 12.8	03 19 60	52	0.0215	0.0046	7158.3	30.8	12.2	4.7	1.0	500	38.5	EH	
3312	237/1	14 37 31.4	28 29 26	52	0.0286	0.0065	2038.1	22.7	4.3	4.4	1.2	0	27.2	H	
3313	2232/1	14 37 46.0	-47 13 32	42	0.0177	0.0039	2173.8	27.1	8.9	4.5	0.8	0	5.8	H	S
3314	6847/5	14 37 46.0	03 43 29	56	*0.0130	0.0034	7158.3	20.7	9.3	3.8	4.1	906	29.7	EH	
3315	6317/1	14 39 13.0	52 18 05	48	*0.0419	0.0037	6745.4	141.7	18.3	11.2	1.3	703	20.5	H	AGN
3316	5564/1	14 39 51.4	-05 20 33	43	0.0098	0.0020	4735.9	31.2	11.8	4.8	1.1	0	10.4	H	
3317	237/2	14 40 01.4	28 50 15	47	0.0150	0.0040	2038.1	18.0	5.0	3.7	0.8	0	14.8	H	
3318	6700/1	14 40 02.9	53 23 58	56	*0.0205	0.0055	1686.3	17.0	4.0	3.7	0.9	703	21.7	H	
3319	6317/2	14 40 23.7	52 13 31	42	0.0099	0.0019	6745.4	44.8	25.2	5.4	0.9	0	9.2	H	
3320	5564/2	14 40 25.9	-05 26 30	31	0.1545	0.0067	4735.9	542.3	12.7	23.0	1.5	0	0.6	H	
3321	6317/3	14 41 19.7	52 21 58	47	0.0060	0.0016	6745.4	28.5	26.5	3.8	0.9	0	7.9	H	
3322	6317/4	14 41 25.2	52 14 28	31	0.0664	0.0038	6745.4	333.2	26.8	17.6	1.2	0	0.4	H	G
3323	6317/5	14 41 44.7	52 08 27	39	0.0208	0.0024	6745.4	97.1	23.9	8.8	1.0	0	6.5	H	
3324	6700/2	14 41 48.2	53 59 28	56	0.0260	0.0074	1686.3	16.1	4.9	3.5	1.1	100	28.5	H	
3325	4148/1	14 42 15.3	19 34 56	55	0.0219	0.0061	2254.9	17.3	5.7	3.6	0.8	600	29.3	H	
3326	2050/1	14 42 51.4	10 11 19	35	0.0278	0.0046	2786.6	57.1	10.9	5.9	0.9	0	2.5	AL	Q
	2051/1	14 42 50.1	10 11 14	35	0.0178	0.0037	3335.0	44.0	17.0	4.7	0.8	0	2.3	AL	Q
3327	6897/1	14 42 52.5	63 44 56	43	0.0155	0.0033	2835.7	29.4	10.6	4.7	0.9	0	10.3	H	
3328	6897/2	14 43 31.3	63 49 02	38	0.0710	0.0063	2835.7	139.6	12.4	11.3	1.1	0	7.8	H	
3329	5565/1	14 43 51.2	27 42 18	55	*0.0109	0.0029	6052.2	22.2	11.8	3.8	0.9	602	29.1	H	
3330	10384/1	14 43 54.6	07 28 02	45	0.0073	0.0019	7554.4	34.5	20.5	3.8	0.6	0	13.5	L	
3331	10474/1	14 43 59.2	11 47 50	60	0.0048	0.0013	11612.8	37.7	34.3	3.5	0.2	0	9.0	L	
3332	5565/2	14 44 48.6	27 18 17	51	*0.0195	0.0031	6052.2	48.3	10.7	6.3	1.0	704	26.9	H	
3333	3989/1	14 45 12.0	-16 06 14	35	0.0378	0.0057	1794.1	48.5	5.5	6.6	1.0	0	4.2	H	
3334	6318/1	14 45 37.2	63 06 03	55	0.0110	0.0031	5425.3	21.4	14.6	3.6	1.7	200	28.8	H	
3335	6854/1	14 47 12.8	26 18 57	43	0.0152	0.0033	2582.3	27.1	6.9	4.6	1.5	0	7.2	H	
3336	10239/1	14 49 04.1	76 13 40	37	0.0107	0.0029	4203.2	33.3	21.7	3.6	0.7	0	0.5	L	
3337	10418/1	14 49 05.3	19 18 22	31	0.628	0.028	1706.3	799.4	144.6	22.6	1.3	0	0.3	AL	S
	4146/1	14 49 05.3	19 18 20	48	0.530	0.024	2174.5	481.9	5.1	21.8	1.6	0	25.1	AH	S
3338	5927/1	14 49 47.7	-68 03 46	48	0.0360	0.0043	6419.6	86.1	17.9	8.4	1.2	0	29.2	AH	
	5926/1	14 49 48.2	-68 03 53	50	0.0321	0.0057	5035.2	60.1	21.9	5.5	1.0	0	29.1	AL	
3339	7861/1	14 50 35.2	16 54 23	38	0.0215	0.0032	10250.4	145.7	157.3	6.7	3.3	0	9.8	AL	CLG
	4190/1	14 50 34.5	16 54 30	32	0.0228	0.0051	4079.2	67.0	76.0	4.4	3.4	0	3.6	AL	CLG
	6076/1	14 50 35.5	16 54 31	32	0.0231	0.0044	4358.2	72.4	57.6	5.1	3.4	0	3.6	AL	CLG
3340	460/1	14 50 38.2	67 55 51	56	0.0154	0.0040	2755.4	19.4	5.6	3.9	0.9	0	22.9	H	
3341	3586/1	14 50 41.2	21 34 42	43	0.0058	0.0015	7127.4	27.7	25.3	3.8	1.0	0	11.2	H	
3342	5927/2	14 50 53.7	-68 19 34	43	0.0077	0.0018	6419.6	31.8	21.2	4.4	0.8	0	11.9	H	
3343	6039/1	14 50 54.2	18 45 59	55	0.0103	0.0026	4158.2	22.7	10.3	3.9	0.8	0	19.0	H	
3344	10418/2	14 51 07.3	19 21 54	50	0.078	0.015	1706.3	49.6	15.4	5.1	1.4	0	29.3	L	S
3345	3972/1	14 51 18.7	-37 35 18	32	0.0736	0.0086	1940.8	106.4	14.6	8.4	1.0	0	0.1	L	
3346	3586/2	14 51 31.8	21 39 37	51	0.0110	0.0022	7127.4	36.3	16.7	5.0	0.8	700	23.6	H	
3347	6039/2	14 51 40.8	18 42 15	45	0.0084	0.0023	4158.2	22.8	16.2	3.6	0.8	0	10.6	H	
3348	6039/3	14 52 08.2	18 42 35	42	0.0144	0.0027	4158.2	41.0	16.0	5.4	26.0	0	7.4	H	
3349	5991/1	14 52 08.3	16 18 15	32	0.071	0.010	1786.8	94.0	38.0	6.8	1.3	0	0.5	L	
3350	6039/4	14 52 13.2	18 50 40	31	0.1615	0.0073	4158.2	500.2	16.8	22.0	2.1	0	0.8	H	CLG
3351	6039/5	14 52 39.9	18 57 14	45	0.0088	0.0023	4158.2	24.4	16.6	3.8	0.8	0	10.2	H	
3352	3585/1	14 53 08.8	22 53 13	52	*0.0103	0.0024	6651.6	27.7	13.3	4.3	0.9	902	26.1	H	
3353	6888/1	14 53 24.9	68 17 28	55	*0.0112	0.0030	3284.4	19.5	8.5	3.7	0.9	601	18.6	H	
3354	3585/2	14 54 04.2	22 33 34	36	0.0071	0.0016	6651.6	34.3	26.7	4.4	0.7	0	3.7	H	CLG
3355	5706/1	14 54 13.2	17 18 19	52	*0.0269	0.0064	1532.4	20.1	2.9	4.2	0.7	907	21.1	H	
3356	3585/3	14 55 00.0	22 32 30	38	0.1045	0.0052	6651.6	422.6	18.4	20.1	1.4	0	14.2	H	
3357	2949/1	14 55 17.0	-31 27 48	41	0.0553	0.0072	1817.0	63.4	5.6	7.6	0.9	0	12.4	H	
3358	3584/1	14 55 45.0	21 21 51	48	0.0412	0.0043</									

14^h56^m27.7^s — 15^h19^m25.4^s

Number		Position			Intensity		Detection Params.					Flags			
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±	LIVE- TIME	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R (')	SRC	ID
3359	3582/1	14 56 27.7	21 48 05	48	0.0459	0.0048	6092.1	104.6	13.4	9.6	1.5	0	28.0	AH	
	3584/2	14 56 27.5	21 47 47	54	*0.0256	0.0054	6000.1	29.0	8.0	4.8	1.5	703	38.7	AH	
3360	3269/1	14 56 28.8	04 28 27	35	0.0242	0.0041	2285.3	41.3	6.7	6.0	0.9	0	0.4	H	*
3361	3582/2	14 56 59.7	21 08 22	56	0.0083	0.0023	6092.1	21.5	13.5	3.6	1.3	0	25.7	H	CLG
3362	3583/1	14 57 03.4	22 25 60	39	0.0237	0.0025	7148.9	103.0	18.0	9.4	1.1	0	13.6	H	
3363	3582/3	14 58 04.5	21 33 44	31	0.1680	0.0063	6092.1	737.1	20.9	26.8	2.0	0	4.0	H	S
3364	7741/1	14 58 07.1	-08 32 45	47	0.0186	0.0053	1375.3	15.4	3.6	3.5	0.8	0	13.4	H	
3365	7741/2	14 58 17.5	-08 19 16	32	0.150	0.012	1375.3	154.0	4.0	12.2	1.3	0	0.2	H	S
3366	3583/2	14 58 49.1	22 49 44	48	0.0390	0.0036	7148.9	128.6	14.4	10.8	1.5	300	22.9	H	
3367	494/1	14 58 57.0	71 52 06	32	0.0383	0.0035	4518.4	128.8	12.2	10.8	1.2	0	0.2	AH	Q
	2690/1	14 58 59.0	71 52 25	35	0.0360	0.0052	2045.9	54.9	7.1	7.0	1.2	0	0.4	AH	Q
3368	3582/4	14 59 50.7	21 30 50	55	*0.0091	0.0023	6092.1	23.2	11.8	3.9	0.8	907	25.8	AH	
	3580/1	14 59 52.0	21 32 14	56	0.0092	0.0024	7347.4	23.7	14.3	3.8	3.2	300	30.3	AH	
3369	3580/2	15 00 07.9	21 29 35	63	0.0070	0.0019	7347.4	21.5	12.5	3.7	4.5	0	26.3	H	
3370	3581/1	15 00 31.2	22 29 52	51	*0.0167	0.0024	7159.5	58.9	13.1	6.9	1.3	1007	20.1	H	
3371	1907/1	15 00 36.9	25 52 26	51	0.0265	0.0040	9623.7	56.5	16.5	6.6	1.5	0	38.3	H	
3372	6713/1	15 01 36.9	10 38 03	31	0.898	0.035	1474.7	986.8	140.2	25.7	1.4	0	0.3	AL	Q
	7170/1	15 01 35.7	10 37 59	38	0.257	0.016	2316.2	413.0	93.0	15.8	1.5	0	7.0	AL	Q
3373	3366/1	15 02 08.2	47 51 00	31	1.028	0.022	4360.3	3342.4	693.6	45.6	1.4	0	0.1	AL	S
3374	6407/1	15 02 21.1	-32 41 39	56	*0.0156	0.0039	2832.3	21.6	7.4	4.0	1.0	905	21.5	H	
3375	10456/1	15 02 39.5	02 17 41	36	0.0048	0.0012	16108.1	56.1	68.9	3.9	0.7	0	3.6	L	
3376	1907/2	15 02 48.0	26 12 57	32	0.0168	0.0017	9623.7	118.7	26.3	9.9	3.2	0	2.5	AH	G
	4616/1	15 02 47.8	26 12 20	42	0.0221	0.0042	2494.7	33.5	6.5	5.3	1.7	0	13.5	AH	G
3377	10456/2	15 02 50.2	01 53 19	51	0.0073	0.0017	16108.1	52.4	42.6	4.1	0.8	400	24.3	L	
3378	1907/3	15 03 02.9	26 06 51	41	0.0083	0.0013	9623.7	56.2	25.8	6.2	6.5	0	6.3	H	
3379	7626/1	15 03 17.8	74 06 04	52	0.0097	0.0023	5779.5	30.6	20.4	4.3	1.0	0	17.8	H	
3380	9975/1	15 03 57.3	01 47 50	31	0.0549	0.0035	14344.0	586.1	375.9	15.6	2.1	0	0.2	AL	CLG
	10456/3	15 03 56.2	01 48 10	48	*0.0274	0.0068	16108.1	136.1	133.9	3.9	2.0	906	33.2	AL	CLG
3381	7308/1	15 04 00.1	-16 34 58	42	0.0309	0.0061	1380.4	29.9	5.1	5.1	1.1	0	7.1	AH	
	7307/1	15 04 02.0	-16 35 05	43	0.048	0.011	607.0	20.1	1.9	4.3	0.8	0	6.9	AH	
3382	7308/2	15 04 15.9	-16 40 34	37	0.0244	0.0053	1380.4	25.1	4.9	4.6	1.2	0	0.4	AH	Q
	7307/2	15 04 16.4	-16 40 45	37	0.042	0.010	607.0	18.8	2.2	4.1	0.8	0	0.4	AH	Q
3383	4060/1	15 06 31.4	22 01 04	47	0.0173	0.0047	1413.7	16.8	4.2	3.7	0.8	0	8.2	H	
3384	2727/1	15 06 56.8	66 56 59	60	*0.0074	0.0020	5546.7	19.9	10.1	3.6	0.6	1309	22.2	L	
3385	138/1	15 08 27.2	05 55 57	31	0.523	0.058	473.6	183.0	100.0	9.0	2.5	0	1.3	L	CLG
3386	3038/1	15 09 07.8	10 21 29	41	0.0568	0.0084	1611.1	63.0	6.0	6.6	1.0	0	8.5	L	
3387	3038/2	15 09 20.4	10 25 18	42	0.0281	0.0070	1611.1	28.9	9.1	3.9	1.1	0	13.2	L	
3388	7925/1	15 09 46.1	-58 50 13	38	0.162	0.011	5654.4	589.2	470.8	14.7	9.9	0	12.3	AL	SNR
	775/1	15 09 49.0	-58 50 05	48	0.196	0.020	2227.1	224.7	141.3	9.6	8.5	0	20.5	AL	SNR
3389	7925/2	15 09 59.3	-58 56 54	38	0.240	0.013	5654.4	876.8	556.2	19.1	7.0	0	11.5	AL	P
	775/2	15 09 59.4	-58 56 51	38	0.280	0.021	2227.1	381.0	196.0	13.2	6.3	0	14.5	AL	P
3390	2053/1	15 10 09.7	-08 54 50	32	0.134	0.012	1400.2	139.9	4.1	11.7	1.1	0	0.9	AH	Q
	2052/1	15 10 08.8	-08 54 37	32	0.0910	0.0087	1696.7	114.8	4.2	10.5	1.2	0	1.0	AH	Q
3391	3216/1	15 10 30.9	39 12 24	55	0.0197	0.0053	2377.7	17.0	4.0	3.7	1.4	300	29.7	H	
3392	3216/2	15 10 34.0	39 02 24	51	*0.0336	0.0055	2377.7	40.3	3.7	6.1	1.1	806	21.3	H	Q
3393	6104/1	15 11 29.4	07 47 14	48	0.0175	0.0028	9226.3	82.0	40.0	6.1	0.9	0	20.6	L	
3394	3216/3	15 11 37.6	38 57 11	47	0.0120	0.0032	2377.7	18.5	5.5	3.8	0.7	0	12.2	L	
3395	3216/4	15 11 39.0	38 45 22	32	0.0473	0.0054	2377.7	83.5	6.5	8.8	1.1	0	0.9	H	CV
3396	2727/2	15 11 51.4	67 07 55	56	*0.0093	0.0024	5546.7	23.7	12.3	4.0	0.8	1008	23.6	H	
3397	6891/1	15 12 24.3	72 11 59	43	0.0051	0.0015	9697.0	32.1	50.9	3.5	0.7	0	10.9	H	
3398	1909/1	15 12 27.5	25 51 25	51	0.0127	0.0019	12348.4	61.1	22.9	6.7	1.3	0	27.3	H	
3399	3973/1	15 12 28.0	36 47 35	45	0.0200	0.0044	2058.4	24.7	4.3	4.6	1.1	0	14.7	H	
3400	7925/3	15 12 35.7	-58 44 21	39	0.0259	0.0037	5654.4	92.9	34.1	6.9	1.4	0	12.1	AL	*
	775/3	15 12 42.4	-58 43 48	52	0.0284	0.0074	2227.1	27.2	9.8	3.7	1.3	0	25.5	AL	Q
3401	3973/2	15 12 47.5	37 01 57	32	0.0960	0.0081	2058.4	147.2	5.8	11.9	1.3	0	0.4	AH	
3402	7683/1	15 13 40.2	33 58 56	52	0.0166	0.0034	5069.1	31.6	11.4	4.8	1.1	400	29.0	H	
3403	7736/1	15 13 44.1	19 48 32	41	*0.0296	0.0041	3457.7	61.2	9.8	7.3	1.1	501	14.5	H	
3404	3444/1	15 13 44.6	00 16 35	32	0.0577	0.0057	2583.1	111.1	8.9	10.1	2.5	0	0.8	H	
3405	7736/2	15 13 48.4	19 23 22	52	*0.0155	0.0036	3457.7	24.4	7.6	4.3	0.9	704	23.2	H	
3406	3444/2	15 14 06.5	00 26 02	39	0.0481	0.0056	2583.1	80.9	7.1	8.6	1.2	0	10.9	H	
3407	1853/1	15 14 17.1	07 12 22	31	0.216	0.023	1425.2	229.2	179.8	9.2	3.6	0	0.4	L	CLG
3408	1998/1	15 14 45.1	-24 11 17	32	0.0955	0.0082	1966.5	139.5	5.5	11.6	1.4	0	0.8	AH	BL
	9647/1	15 14 46.0	-24 11 16	32	0.0588	0.0067	2569.2	112.6	16.4	8.6	1.0	0	0.3	AL	BL
	1997/1	15 14 46.1	-24 11 20	32	0.0856	0.0084	1742.2	111.0	7.0	10.2	1.0	0	0.4	AH	BL
	7493/1	15 14 46.7	-24 11 19	32	0.0532	0.0068	2352.4	93.3	16.7	7.6	1.1	0	0.4	AH	BL
3409	7683/2	15 15 15.8	33 34 14	56	0.0089	0.0025	5069.1	20.9	12.1	3.6	1.8	100	22.7	H	
3410	137/1	15 16 02.3	06 34 38	43	0.0144	0.0040	1853.5	17.6	6.4	3.6	1.1	0	11.1	H	
3411	6891/2	15 16 16.9	72 03 52	43	0.0060	0.0014	9697.0	38.1	45.9	4.2	1.0	0	11.9	H	
3412	137/2	15 16 18.3	06 24 47	31	0.179	0.012	1853.5	246.5	7.5	15.5	1.6	0	0.8	H	
3413	841/1	15 16 41.7	-68 27 15	42	0.0106	0.0021	5582.1	35.6	14.4	5.0	0.8	0	14.0	H	
3414	10407/1	15 17 46.9	20 11 10	55	0.00304	0.00071	40391.7	71.9	107.1	4.2	0.5	0	15.7	L	
3415	10407/2	15 17 52.2	20 27 06	35	0.00344	0.00066	40391.7	103.2	149.8	5.1	0.6	0	0.4	L	CLG
3416	461/1	15 18 18.7	07 43 20	43	0.0216	0.0045	2884.8	37.5	8.5	4.7	0.8	0	14.1	L	
3417	10407/3	15 18 59.7	20 32 57	51	0.00462	0.00074	40391.7	105.8	87.2	6.1	0.7	0	17.2	L	
3418	5383/1	15 19 00.6	22 38 44	32	0.0535	0.0065	1822.0	72.2	5.8	8.2	1.2	0	0.2	H	Q
3419	461/2	15 19 25.3	07 53 24	38	0.147	0.014	2884.8	300.1	272.9	10.1	2.8	0	6.3	AL	CLG
	2604/1	15 19 24.0	07 52 60	31	0.160	0.017	2087.2	249.7	210.3	9.4	3.0	0	0.2	AL	CLG
3420	1796/1	15 19 25.4	27 54 57	50	0.0181	0.0027	7048.2	75.0	18.0	6.6	1.1	0	15.6	L	AGN
3421	325/1	15 19 28.1	08 39 30	51	*0.0308	0.0079	2905.5	46.5	19.5	3.7	1.1	703	19.0	L	
	162/1	15 19 25.4	08 39 39	52	0.0174	0.00									

15^h19^m49.9^s — 15^h43^m04.0^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
3422	1961/1	15 19 49.9	-06 33 58	50	0.0669	0.0095	1778.8	52.7	3.3	7.0	1.3	200	24.5	H	Q
3423	1796/2	15 19 57.8	28 01 25	41	0.0135	0.0027	7048.2	62.3	43.7	4.9	42.7	0	11.3	L	H
3424	10404/1	15 20 09.8	30 02 48	52	*0.0119	0.0029	5566.1	27.2	15.8	4.2	1.2	601	26.1	H	H
3425	4061/1	15 20 15.3	25 48 16	42	0.0179	0.0039	2045.8	26.2	5.8	4.6	1.1	0	5.1	H	H
3426	1796/3	15 20 23.0	27 53 03	31	0.0675	0.0067	7048.2	347.9	415.1	10.0	5.3	0	3.0	AL	CLG
	1795/1	15 20 23.0	27 53 13	31	0.058	0.011	2445.2	103.3	144.7	5.1	5.4	0	2.9	AL	CLG
3427	162/2	15 20 38.6	08 47 14	31	0.0783	0.0099	3780.8	219.6	278.4	7.8	7.0	0	1.9	AL	CLG
	325/2	15 20 40.6	08 47 18	31	0.071	0.012	2905.5	152.5	230.5	6.1	4.9	0	2.4	AL	CLG
3428	1796/4	15 20 41.6	28 19 44	52	0.0130	0.0027	7048.2	38.5	9.5	4.7	0.8	0	25.7	L	H
3429	1961/2	15 20 46.8	-06 25 56	51	0.0333	0.0062	1778.8	32.7	4.3	5.4	1.0	0	18.1	H	H
3430	10404/2	15 21 09.8	30 27 51	55	0.0133	0.0029	5566.1	29.5	12.5	4.5	1.1	0	26.4		S
3431	7488/1	15 22 04.3	30 03 36	48	0.0440	0.0048	3828.1	94.8	11.2	9.2	6.0	0	17.2	aH	CLG
3432	10404/3	15 22 10.8	30 03 49	32	0.0293	0.0029	5566.1	121.4	23.6	10.1	7.8	0	0.9	aH	CLG
3433	10404/4	15 22 20.7	30 11 30	41	0.0190	0.0025	5566.1	72.9	22.1	7.5	16.7	0	7.8	aH	CLG
	7488/2	15 22 21.9	30 10 35	52	0.0162	0.0033	3828.1	31.4	10.6	4.8	17.0	100	21.0	L	CLG
3434	10086/1	15 22 22.5	15 31 58	36	0.0108	0.0026	4826.1	38.8	20.2	4.1	0.8	0	0.2	L	L
3435	792/1	15 24 23.2	10 09 45	47	0.0112	0.0032	2765.7	19.0	10.0	3.5	0.7	0	13.5	H	Q
3436	797/1	15 25 09.0	15 51 14	42	0.0591	0.0094	1100.2	43.7	4.3	6.3	1.0	0	9.5	H	Q
3437	1854/1	15 25 39.4	29 07 24	47	0.0121	0.0031	2535.5	21.4	8.6	3.9	4.7	0	5.9	H	H
3438	3974/1	15 25 47.5	22 43 32	38	0.0178	0.0044	1548.1	20.5	5.5	4.0	0.7	0	0.6	H	Q
3439	1854/2	15 26 36.2	28 35 37	51	*0.0505	0.0076	2535.5	48.6	5.4	6.6	1.0	805	28.4	H	AGN
3440	806/1	15 27 25.6	16 21 23	51	0.0340	0.0074	2354.4	35.4	8.6	4.5	1.0	0	23.5	L	S
3441	4062/1	15 27 25.7	20 49 06	37	0.0166	0.0045	1425.2	17.6	5.4	3.7	0.7	0	0.2	H	H
3442	6896/1	15 28 02.9	70 06 54	51	0.0298	0.0035	8229.7	92.1	26.9	8.4	1.7	0	29.1	H	H
3443	799/1	15 28 30.3	08 44 58	42	0.0421	0.0071	1367.1	39.4	4.6	5.9	1.0	0	8.8	H	S
3444	4062/2	15 28 34.3	20 36 27	53	*0.0283	0.0068	1425.2	19.6	2.4	4.2	0.9	1009	20.9		
3445	6896/2	15 29 08.0	69 45 27	43	0.0058	0.0016	8229.7	32.1	43.9	3.7	0.6	0	9.1		
3446	799/2	15 29 12.1	09 03 16	52	*0.0348	0.0078	1367.1	22.2	2.8	4.4	0.8	803	23.5	H	H
3447	9027/1	15 29 41.4	-08 21 49	31	0.0892	0.0065	2941.4	195.6	8.4	13.7	1.2	0	0.2	H	H
3448	3121/1	15 29 42.3	24 24 41	45	0.0089	0.0024	3447.5	20.6	9.4	3.8	0.7	0	10.4	H	H
3449	3121/2	15 29 49.2	24 30 39	52	0.0111	0.0028	3447.5	22.2	9.8	3.9	0.7	0	16.7		
3450	6693/1	15 30 00.1	05 03 56	42	0.0504	0.0085	1202.5	38.7	4.3	5.9	1.1	0	12.7	H	AGN
3451	6693/2	15 30 03.8	04 51 02	36	0.0327	0.0066	1202.5	29.2	5.8	4.9	1.4	0	1.3	H	CLG
3452	804/1	15 30 36.8	13 42 48	51	0.068	0.010	2252.6	48.0	6.0	6.5	1.2	100	32.3	H	H
3453	9027/2	15 30 37.6	-08 31 47	55	*0.0136	0.0032	2941.4	22.0	5.0	4.2	0.8	1008	17.1		SY
3454	6688/1	15 30 53.7	15 10 59	54	0.0258	0.0060	1558.0	22.3	4.7	4.3	0.9	0	16.7	AH	AGN
	805/1	15 30 56.6	15 11 14	51	*0.0365	0.0082	2533.3	35.3	6.4	4.3	0.9	401	28.1	AL	AGN
3455	5708/1	15 30 55.6	01 34 57	56	0.0088	0.0024	4875.3	20.6	10.4	3.7	0.8	300	22.0	H	H
3456	135/1	15 31 15.6	31 19 05	36	0.0212	0.0037	2529.3	39.9	9.1	5.7	2.3	0	0.9	AH	H
	7642/1	15 31 19.5	31 19 35	42	0.0120	0.0022	5360.7	40.7	16.3	5.4	3.1	0	13.8	AH	H
3457	7642/2	15 31 52.1	31 27 49	43	0.0077	0.0019	5360.7	26.2	15.8	4.0	0.6	0	12.7		
3458	135/2	15 32 15.7	30 44 43	52	*0.0449	0.0098	2529.3	24.7	4.3	4.6	1.2	804	37.1	H	H
3459	6688/2	15 32 19.0	15 09 07	47	0.0161	0.0045	1558.0	17.1	5.9	3.6	0.6	0	9.3		
3460	5708/2	15 32 20.4	01 40 50	36	0.0137	0.0023	4875.3	49.7	17.3	6.1	1.3	0	0.2	H	H
3461	5708/3	15 32 26.1	01 30 55	43	0.0074	0.0020	4875.3	23.5	15.5	3.8	1.3	0	10.3	H	H
3462	10464/1	15 32 43.5	23 39 02	35	0.00403	0.00088	17830.6	53.2	80.8	4.6	1.2	0	1.1	H	G
3463	5708/4	15 32 55.3	01 56 27	56	0.0080	0.0021	4875.3	21.7	11.3	3.8	1.3	400	17.8	H	H
3464	808/1	15 32 57.9	09 19 04	42	0.0335	0.0061	1539.4	35.3	5.7	5.5	1.1	0	7.8	H	S
3465	10464/2	15 32 58.0	23 47 06	42	0.00364	0.00096	17830.6	45.5	49.5	3.7	0.6	0	7.2	H	L
3466	7328/1	15 33 08.3	64 04 35	31	0.0492	0.0031	7657.9	280.7	28.3	16.0	1.3	0	0.4	H	S
3467	3950/1	15 33 26.9	-32 36 20	38	0.410	0.030	942.4	259.6	23.4	13.6	1.2	0	9.3	L	L
3468	813/1	15 33 32.0	14 41 16	42	0.0264	0.0051	1873.1	32.6	7.4	5.2	0.9	0	11.2	L	AGN
3469	3949/1	15 33 58.5	-31 26 35	36	0.101	0.027	312.7	23.0	5.0	3.6	1.0	0	3.4	L	L
3470	811/1	15 34 13.1	12 29 32	50	0.0599	0.0080	2001.0	61.2	5.8	7.5	1.3	0	20.6	H	H
3471	5708/5	15 34 15.4	01 47 55	48	0.0701	0.0067	4875.3	120.9	12.1	10.5	1.4	0	29.8	H	H
3472	813/2	15 34 26.1	14 22 31	55	0.0220	0.0063	1873.1	16.5	5.5	3.5	0.8	0	27.5	H	H
3473	2627/1	15 34 40.7	54 48 01	42	0.0416	0.0081	1027.4	30.0	4.0	5.1	1.0	0	6.8	AH	H
	10549/1	15 34 41.7	54 47 33	43	0.0221	0.0050	1678.1	25.6	7.4	4.4	1.1	0	7.1	AH	L
3474	2614/1	15 34 44.9	58 04 11	31	0.332	0.026	1223.7	301.7	115.3	12.4	1.6	0	0.9	L	SY
3475	10464/3	15 34 52.5	23 38 45	56	0.0048	0.0013	17830.6	31.8	40.2	3.7	1.0	500	28.7		
3476	3991/1	15 35 17.0	00 39 30	47	0.0096	0.0027	3016.1	18.6	8.4	3.6	0.8	0	12.4	H	H
3477	3217/1	15 35 31.6	29 49 15	56	*0.0100	0.0025	4339.7	21.9	7.1	4.1	1.2	906	19.7	H	S
3478	3991/2	15 35 45.8	00 29 03	37	0.0091	0.0024	3016.1	20.4	9.6	3.7	0.7	0	0.8	H	H
3479	3217/2	15 36 01.7	29 38 29	43	0.0107	0.0023	4339.7	30.5	11.5	4.7	1.0	0	10.5	H	CV
3480	6646/1	15 36 15.5	59 45 53	59	*0.0174	0.0049	1975.9	16.3	4.7	3.6	0.8	1008	21.7	H	H
3481	5733/1	15 36 18.7	66 36 23	52	*0.0181	0.0038	4830.3	30.5	9.5	4.8	1.2	806	30.4	H	H
3482	134/1	15 37 25.6	21 56 33	32	0.0889	0.0083	1836.3	120.6	6.4	10.7	4.5	0	1.5	H	CLG
3483	6646/2	15 37 39.2	59 31 03	43	0.0162	0.0044	1975.9	19.9	9.1	3.7	0.8	0	12.9		
3484	239/1	15 37 45.2	34 34 49	32	0.0496	0.0057	2191.2	80.7	6.3	8.7	2.1	0	0.4	H	CLG
3485	3072/1	15 38 00.6	15 13 36	56	0.0131	0.0035	2687.1	18.9	7.1	3.7	0.8	0	17.8	H	H
3486	7728/1	15 38 30.8	14 57 25	32	0.0332	0.0029	5912.2	145.9	22.1	11.3	1.2	0	0.2	AH	BL
	3073/1	15 38 30.1	14 57 32	32	0.0344	0.0041	3129.9	80.1	11.9	8.4	1.0	0	0.2	AH	BL
	3072/2	15 38 31.0	14 57 13	35	0.0287	0.0041	2687.1	57.5	9.5	7.0	0.9	0	0.4	AH	BL
3487	3309/1	15 40 17.1	-66 32 05	48	0.141	0.012	1838.1	141.9	5.1	11.7	1.1	0	17.7	H	H
3488	5733/2	15 40 30.4	66 25 55	37	0.0097	0.0020	4830.3	34.1	17.9	4.7	1.1	0	3.2	H	CLG
3489	9022/1	15 41 04.8	-11 01 01	51	0.0101	0.0026	4262.7	23.9	14.1	3.9	0.8	0	18.0		
3490	4192/1	15 41 57.4	36 41 02	54	0.0241	0.0046	4083.6	35.0	10.0	5.2	2.0	0	31.7	H	H
3491	4192/2	15 42 19.5	36 22 47	42	0.0143	0.0028	4083.6	37.2	14.8	5.2	1.1	0	12.8	L	L
3492	3948/1	15 42 29.8	-31 15 30	52	0.0292	0.0067	1715.6	29.1	4.9	4.2	0.8	200	15.8	L	L
3493	5733/3	15 43 04.0	66 37 21												

15^h43^m07.0^s — 15^h59^m58.3^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
3494	4192/3	15 43 07.0	36 16 10	32	0.0439	0.0041	4083.6	132.7	19.3	10.8	3.6	0	2.0	H	CLG
3495	6069/1	15 44 30.4	21 11 54	39	0.0104	0.0013	12809.9	84.8	36.2	7.7	0.8	0	11.3	H	
3496	3156/1	15 44 43.9	-53 31 11	42	0.0175	0.0028	4075.5	48.2	12.8	6.2	9.8	0	9.2	H	
3497	5576/1	15 44 45.3	07 55 09	50	0.0124	0.0022	16633.1	83.3	69.7	5.4	1.2	0	26.8	H	
3498	6069/2	15 45 09.9	21 06 07	37	0.00369	0.00096	12809.9	34.5	46.5	3.8	0.7	0	2.4	H	
3499	5397/1	15 45 22.2	03 05 10	51	0.0244	0.0042	5457.3	43.5	11.5	5.9	1.0	300	30.5	H	
3500	6069/3	15 45 31.6	21 01 33	38	0.1414	0.0040	12809.9	1279.0	43.0	35.2	1.3	0	6.4	AH	*
	315/1	15 45 30.4	21 01 35	38	0.206	0.014	1524.8	220.5	5.5	14.7	1.2	0	6.2	AH	*
	240/1	15 45 30.4	21 01 32	38	0.1910	0.0078	4527.7	609.7	13.3	24.4	1.2	0	5.5	AH	*
	2054/1	15 45 31.2	21 01 36	31	0.191	0.012	1912.3	271.2	6.8	16.3	1.3	0	0.6	AH	*
	2055/1	15 45 31.3	21 01 34	31	0.164	0.012	1540.8	187.1	3.9	13.5	1.4	0	0.6	AH	*
3501	3156/2	15 45 54.3	-54 07 04	55	*0.0122	0.0034	4075.5	18.6	8.4	3.6	0.9	601	28.5	H	
3502	7609/1	15 46 45.5	25 58 35	55	*0.0064	0.0017	6472.3	22.5	12.5	3.8	0.6	906	17.9	H	
3503	524/1	15 46 50.7	11 32 14	51	0.0232	0.0044	3185.6	34.4	8.6	5.3	1.1	0	22.4	H	
3504	5397/2	15 46 59.2	02 46 05	31	0.0772	0.0045	5457.3	313.5	18.5	17.2	1.2	0	0.8	H	Q
3505	5148/1	15 47 02.7	-54 09 32	51	0.0326	0.0058	2718.4	36.5	5.5	5.6	1.4	0	25.6	A	
	3156/3	15 47 02.5	-54 08 55	52	0.0276	0.0055	4075.5	30.6	6.4	5.0	2.1	0	34.7	A	
3506	7609/2	15 47 04.0	25 48 01	56	0.0093	0.0024	6472.3	24.3	13.7	3.9	1.9	0	26.5	H	
3507	7609/3	15 47 30.1	26 13 14	31	0.1820	0.0062	6472.3	876.3	18.7	29.3	1.4	0	0.2	H	
3508	524/2	15 48 21.7	11 29 41	31	0.0726	0.0057	3185.6	172.5	11.5	12.7	1.4	0	0.2	AH	Q
	2713/1	15 48 21.4	11 29 40	32	0.0561	0.0064	1961.7	82.1	6.9	8.7	1.1	0	0.4	AH	Q
3509	7171/1	15 48 39.7	05 46 45	39	0.095	0.010	1572.9	93.2	5.8	9.4	1.3	0	13.5	H	
3510	524/3	15 48 44.7	11 25 15	41	0.0284	0.0039	3185.6	63.2	11.8	7.3	1.1	0	7.2	H	*
3511	371/1	15 48 47.7	20 09 29	48	0.0355	0.0039	5284.9	92.0	10.0	9.1	1.1	100	21.3	H	
3512	3158/1	15 48 49.8	-53 17 18	51	0.047	0.010	836.0	22.2	1.8	4.5	1.1	0	17.2	AH	*
	7812/1	15 48 47.3	-53 17 43	51	0.0411	0.0087	1636.8	25.5	3.5	4.7	1.1	500	28.1	AH	*
3513	371/2	15 49 49.8	20 22 50	38	0.0483	0.0038	5284.9	175.1	16.9	12.6	1.5	0	8.5	AH	*
3514	5148/2	15 49 54.8	-54 25 54	47	0.0105	0.0029	2718.4	18.2	7.8	3.6	0.7	0	12.1	H	
3515	371/3	15 50 16.2	20 16 19	32	0.0320	0.0031	5284.9	125.9	18.1	10.5	1.1	0	0.7	H	
3516	3155/1	15 50 23.6	-55 10 31	45	0.0146	0.0032	2881.9	27.9	9.1	4.6	0.9	0	10.6	H	
3517	3155/2	15 50 36.5	-54 55 09	41	0.0271	0.0040	2881.9	55.5	11.5	6.8	1.9	0	5.1	H	
3518	371/4	15 50 56.0	20 37 33	52	*0.0118	0.0025	5284.9	28.6	9.4	4.6	0.8	804	23.6	H	
3519	3218/1	15 51 17.4	72 21 30	36	0.0247	0.0055	1344.3	24.7	5.3	4.5	0.9	0	0.4	H	CV
3520	2911/1	15 51 34.8	-04 37 55	43	0.0068	0.0017	4936.2	22.5	11.5	3.9	0.7	0	9.5	H	
3521	5936/1	15 52 02.6	-23 38 30	38	0.2545	0.0062	9716.4	1707.9	36.1	40.9	1.2	0	7.3	H	
3522	4950/1	15 52 04.5	24 23 15	48	*0.0701	0.0076	3324.2	89.0	4.0	9.2	1.4	1409	28.2	H	AGN
3523	371/5	15 52 11.7	20 20 34	48	0.1532	0.0089	5284.9	307.5	9.5	17.3	1.3	0	28.2	H	
3524	5936/2	15 52 21.5	-23 13 24	55	*0.0084	0.0016	9716.4	39.2	14.8	5.3	0.8	806	21.9	H	
3525	7812/2	15 52 51.6	-53 16 14	43	0.0240	0.0053	1636.8	24.4	4.6	4.5	1.0	0	12.3	H	*
3526	3839/1	15 52 52.4	-37 47 08	42	0.0424	0.0074	1309.6	37.6	5.4	5.7	1.0	0	8.9	H	S
3527	2615/1	15 52 54.2	19 20 18	32	0.1164	0.0090	1984.4	171.8	6.2	12.9	1.4	0	1.4	H	SY
3528	5936/3	15 53 13.7	-23 20 14	52	*0.0059	0.0014	9716.4	31.2	26.8	4.1	0.6	804	17.6	H	
3529	10608/1	15 53 20.8	11 20 12	38	1.274	0.029	3352.2	2706.7	226.3	44.3	1.3	0	12.6	L	
3530	5936/4	15 53 30.8	-23 39 25	41	0.0120	0.0017	9716.4	71.4	30.6	7.1	0.9	0	13.8	H	
3531	4950/2	15 53 32.3	24 34 23	47	0.0088	0.0024	3324.2	20.7	10.3	3.7	0.6	0	5.5	H	
3532	5578/1	15 53 35.1	15 58 03	41	0.0206	0.0042	3629.1	48.4	20.6	4.8	1.0	0	12.1	L	AGN
3533	10608/2	15 53 59.0	10 48 09	51	0.0292	0.0066	3352.2	34.6	10.4	4.3	1.3	0	30.3	L	
3534	5936/5	15 54 21.2	-23 29 50	56	*0.0070	0.0017	9716.4	28.8	21.2	4.1	0.8	1006	25.7	H	
3535	5936/6	15 54 26.5	-23 46 02	56	0.0087	0.0020	9716.4	32.4	21.6	4.4	1.2	0	28.4	H	
3536	5936/7	15 54 38.3	-23 13 12	62	*0.0099	0.0027	9716.4	23.8	18.2	3.7	1.5	906	36.2	H	
3537	3039/1	15 55 06.1	45 22 39	43	0.0215	0.0052	1530.2	21.5	5.5	4.1	0.7	0	10.6	H	
3538	3039/2	15 55 17.4	45 28 27	40	0.0176	0.0046	1530.2	19.1	5.9	3.8	1.2	0	4.8	H	
3539	4264/1	15 55 32.4	33 13 21	54	*0.0118	0.0027	4880.9	24.1	6.9	4.3	1.0	603	25.8	H	Q
3540	3189/1	15 56 14.4	25 59 48	50	*0.0378	0.0050	3006.7	64.0	7.0	7.6	1.0	906	16.3	H	SY
3541	1799/1	15 56 15.8	27 22 38	31	0.324	0.016	4118.7	988.5	679.5	19.9	3.7	0	1.1	AL	CLG
	1798/1	15 56 16.4	27 22 38	31	0.277	0.018	2951.3	608.5	493.5	14.9	3.9	0	1.3	AL	CLG
3542	1798/2	15 56 26.2	27 25 26	31	0.048	0.010	2951.3	102.0	191.0	4.6	13.6	0	4.8	AL	*
3543	3189/2	15 56 36.6	25 42 31	48	*0.0851	0.0080	3006.7	115.8	4.2	10.6	1.3	1609	23.6	H	
3544	4264/2	15 56 59.7	33 32 04	37	0.0062	0.0016	4880.9	22.4	13.6	3.7	0.8	0	0.4	H	Q
3545	5997/1	15 57 02.0	-22 12 29	52	0.0175	0.0038	2754.4	26.8	7.2	4.6	0.8	100	16.7	H	
3546	1798/3	15 57 16.6	27 12 11	51	0.0255	0.0051	2951.3	41.9	10.1	4.9	1.0	100	17.5	L	AGN
3547	5997/2	15 57 21.2	-22 28 55	35	0.0246	0.0038	2754.4	50.4	10.6	6.5	1.5	0	1.0	H	S
3548	6832/1	15 58 04.0	41 23 29	56	0.0074	0.0018	11126.3	30.4	24.6	4.1	1.0	100	29.8	H	
3549	6835/1	15 58 19.1	41 38 51	42	0.0069	0.0014	8910.7	43.5	35.5	4.9	0.7	0	6.3	H	
3550	5997/3	15 58 28.2	-22 32 18	51	0.0241	0.0042	2754.4	39.1	7.9	5.7	0.9	0	15.8	H	
3551	4264/3	15 58 30.0	33 22 03	50	*0.0333	0.0039	4880.9	78.8	8.2	8.4	3.1	601	21.5	H	
3552	4264/4	15 58 40.0	33 09 10	56	*0.0114	0.0031	4880.9	18.5	6.5	3.7	1.0	805	31.1	H	
3553	4264/5	15 58 53.7	33 21 31	56	0.0112	0.0028	4880.9	22.3	8.7	4.0	9.7	0	26.2	H	
3554	3713/1	15 59 00.7	18 16 58	59	0.0047	0.0013	17072.0	29.9	39.1	3.6	1.0	0	28.1	H	
3555	6835/2	15 59 05.7	41 39 37	36	0.0063	0.0013	8910.7	41.2	33.8	4.8	1.7	0	2.8	H	
3556	3986/1	15 59 07.0	33 24 26	52	0.0222	0.0053	1734.3	21.3	4.7	4.2	0.9	0	17.1	AH	S
	4264/6	15 59 08.0	33 24 48	53	0.0122	0.0030	4880.9	22.7	8.3	4.1	8.8	200	27.6	A	S
3557	5997/4	15 59 09.8	-22 46 44	55	0.0194	0.0052	2754.4	18.6	6.4	3.7	0.9	0	30.7	A	H
3558	5997/5	15 59 13.3	-22 32 54	51	0.0390	0.0062	2754.4	45.3	6.7	6.3	1.2	100	26.1	H	S
3559	297/1	15 59 18.4	16 21 02	49	0.0181	0.0030	10075.6	92.6	64.4	5.8	79.6	0	20.3	H	L
3560	6832/2	15 59 27.2	41 22 06	56	0.0047	0.0012	11126.3	30.6	30.4	3.9	0.6	0	16.5	H	
3561	3713/2	15 59 43.5	18 33 47	51	*0.0093	0.0013	17072.0	70.5	27.5	7.1	0.9	1609	24.7	H	
3562	3713/3	15 59 47.0	17 53 08	51	0.0086	0.0016	17072.0	51.0	41.0	5.3	1.1	400	29.2	H	
3563	6835/3	15 59 48.2	42 03 02	53	*0.0103	0.0020	8910.7	39.8	17.2	5.3	1.5	501	24.3	H	
3564	10438/1	15 59 58.3	08 53 51	36	0.0104	0.00									

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
3565	297/2	16 00 00.6	16 06 23	31	0.0186	0.0040	10075.6	136.8	376.2	4.6	31.1	0	3.4	L	CLG
3566	6835/4	16 00 09.0	41 59 39	56	0.0072	0.0018	8910.7	28.8	24.2	4.0	1.1	0	24.0	H	H
3567	6832/3	16 00 30.0	40 38 27	51	0.0173	0.0026	11126.3	62.9	27.1	6.6	1.2	200	31.1	H	H
3568	161/1	16 00 44.1	25 29 04	39	0.0402	0.0047	3047.5	81.9	9.1	8.6	1.1	0	9.2	L	H
3569	10438/2	16 00 54.0	09 08 53	49	0.0259	0.0039	5914.7	76.1	21.9	6.5	0.9	0	21.1	L	L
3570	5191/1	16 00 55.8	58 42 05	31	0.198	0.014	1468.3	216.8	5.2	14.5	1.3	0	0.2	H	S
3571	6832/4	16 01 07.2	41 19 58	42	0.0057	0.0012	11126.3	39.0	32.0	4.6	0.7	0	13.3	H	H
3572	297/3	16 01 22.5	16 02 32	48	*0.0703	0.0077	10075.6	362.4	129.0	8.7	25.5	1404	19.9	L	H
3573	5022/1	16 01 23.9	66 56 18	31	0.0995	0.0040	9094.6	673.4	47.6	25.1	1.8	0	0.4	L	S
3574	6832/5	16 01 53.9	41 25 04	56	0.0062	0.0015	11126.3	31.5	28.5	4.1	0.8	0	23.0	H	H
3575	5580/1	16 01 54.7	-19 22 16	48	*0.0537	0.0062	3982.6	107.5	2.8	8.4	0.9	601	19.7	L	L
3576	7857/1	16 02 04.5	18 34 27	57	*0.0089	0.0023	11435.4	43.2	16.8	3.6	0.7	703	25.9	L	L
3577	1801/1	16 02 21.4	17 51 45	38	0.0628	0.0066	5763.1	243.8	201.2	9.4	4.1	0	9.2	AL	AL
	7858/1	16 02 20.1	17 51 31	48	0.0405	0.0057	12367.7	181.7	241.3	7.0	2.9	0	29.1	AL	AL
	3713/4	16 02 20.5	17 51 56	48	*0.0576	0.0034	17072.0	313.4	28.6	16.9	3.8	1409	31.6	AL	AL
3578	5580/2	16 02 31.4	-19 40 06	31	0.0567	0.0055	3982.6	168.1	31.9	10.2	1.3	0	0.1	L	L
3579	5580/3	16 02 34.7	-19 30 35	39	0.0287	0.0046	3982.6	76.2	29.8	6.2	1.1	0	9.3	L	L
3580	5580/4	16 02 48.4	-19 55 49	48	0.0506	0.0057	3982.6	117.0	16.0	8.8	1.0	0	16.2	L	L
3581	10543/1	16 02 49.1	24 04 07	31	0.0297	0.0025	22761.6	505.2	654.8	11.8	5.0	0	0.4	AL	CLG
	2606/1	16 02 50.6	24 04 09	35	0.081	0.010	1067.8	64.3	3.7	7.8	2.5	0	1.0	AL	CLG
3582	5580/5	16 02 55.3	-19 27 16	42	0.0126	0.0034	3982.6	30.3	15.7	3.6	0.8	0	14.0	L	L
3583	1855/1	16 03 22.0	16 34 18	35	0.0178	0.0047	3304.0	43.6	43.4	3.7	2.5	0	1.0	L	CLG
3584	7858/2	16 03 22.8	17 56 03	42	0.0066	0.0017	12367.7	49.6	60.4	3.7	9.5	0	14.0	L	L
3585	7857/2	16 03 23.7	18 51 12	50	0.0190	0.0033	11435.4	76.9	44.1	5.6	1.3	100	30.0	L	L
3586	5580/6	16 03 29.1	-19 20 39	51	*0.0217	0.0056	3982.6	38.9	10.6	3.7	0.9	603	23.7	L	L
3587	7858/3	16 03 29.4	17 50 59	42	0.0081	0.0017	12367.7	61.8	52.2	4.6	0.8	0	13.4	L	L
3588	10543/2	16 03 41.2	24 13 31	51	0.0050	0.0011	22761.6	67.1	74.9	4.5	1.1	0	15.4	L	L
3589	4607/1	16 03 41.7	26 00 06	50	*0.0557	0.0081	2112.4	51.0	4.0	6.9	1.0	401	25.3	H	H
3590	7857/3	16 04 30.4	18 15 56	43	0.0061	0.0016	11435.4	42.3	35.7	3.8	1.0	0	13.5	L	L
3591	10543/3	16 04 46.3	23 38 44	56	0.0083	0.0019	22761.6	45.2	29.8	4.2	1.9	0	37.0	L	L
3592	7480/1	16 04 49.4	15 59 33	32	0.0208	0.0027	6902.5	107.0	32.0	7.7	1.0	0	0.1	L	AGN
3593	7480/2	16 04 54.4	15 52 12	41	0.0123	0.0025	6902.5	59.1	38.9	4.8	0.9	0	7.4	L	L
3594	7858/4	16 04 55.9	17 45 27	41	0.0085	0.0017	12367.7	64.1	50.9	4.8	0.8	0	13.1	L	L
3595	7858/5	16 05 10.6	17 58 23	42	0.0054	0.0015	12367.7	42.5	47.5	3.5	0.7	0	12.0	L	L
3596	7610/1	16 05 49.1	17 11 03	31	0.0534	0.0033	7250.7	288.4	26.6	16.3	1.4	0	0.2	L	H
3597	5719/1	16 06 09.4	29 05 53	43	0.0051	0.0014	7365.0	25.3	20.7	3.7	0.6	0	8.7	L	H
3598	7634/1	16 06 23.1	10 36 48	36	0.055	0.011	712.2	29.1	2.9	5.2	0.9	0	0.7	H	L
3599	7480/3	16 06 40.4	16 00 09	48	0.0354	0.0047	6902.5	100.7	31.3	7.4	1.2	0	26.6	L	L
3600	5719/2	16 06 44.2	29 17 09	59	*0.0060	0.0016	7365.0	21.3	10.7	3.8	0.8	804	21.5	H	H
3601	5719/3	16 06 53.2	29 01 40	47	0.0054	0.0014	7365.0	26.1	21.9	3.8	0.9	0	10.3	H	H
3602	10070/1	16 07 30.7	-18 56 53	56	0.0083	0.0016	17985.1	50.8	42.2	5.3	1.6	0	30.5	H	H
3603	10070/2	16 08 15.3	-18 56 56	48	0.0321	0.0023	17985.1	236.3	48.7	14.0	1.2	0	26.4	AL	AL
	4510/1	16 08 15.1	-18 57 03	51	0.0314	0.0051	3411.9	43.7	7.3	6.1	1.3	0	26.7	AL	AL
3604	10070/3	16 08 28.8	-18 13 26	51	*0.0068	0.0011	17985.1	65.8	53.2	6.0	1.0	805	17.7	L	L
3605	10070/4	16 08 38.0	-18 42 59	42	0.00354	0.00088	17985.1	41.0	63.0	4.0	0.6	0	12.2	L	L
3606	10070/5	16 08 38.8	-18 30 33	32	0.0111	0.0011	17985.1	148.3	78.7	9.8	0.9	0	0.6	L	L
3607	10070/6	16 09 05.8	-18 59 14	51	0.0122	0.0016	17985.1	83.0	39.0	7.5	1.7	0	28.7	AL	AL
	4510/2	16 09 08.2	-18 58 50	55	0.0181	0.0042	3411.9	23.5	6.5	4.3	2.1	0	28.6	AL	AL
3608	10070/7	16 09 11.0	-18 06 40	55	0.0049	0.0012	17985.1	36.6	48.4	4.0	0.9	0	25.5	H	H
3609	10070/8	16 09 13.0	-18 55 41	51	*0.0070	0.0013	17985.1	53.5	39.5	5.5	2.6	804	26.1	H	H
3610	10070/9	16 09 25.3	-19 01 09	51	0.0093	0.0017	17985.1	54.7	41.3	5.6	1.4	0	32.0	H	H
3611	10070/10	16 09 46.7	-18 51 39	48	*0.0441	0.0025	17985.1	338.5	43.5	17.3	1.2	903	25.7	AL	AL
	4510/3	16 09 47.2	-18 51 36	48	*0.0842	0.0078	3411.9	122.3	6.7	10.8	1.0	1003	25.9	AL	AL
3612	272/1	16 10 30.2	66 16 05	53	0.0090	0.0021	5947.7	31.0	19.0	4.4	0.9	0	15.6	H	H
3613	5292/1	16 11 07.5	-50 18 49	48	0.0755	0.0089	2173.7	93.7	4.3	8.4	1.1	0	15.9	AL	AL
	3157/1	16 11 06.7	-50 20 29	52	*0.0391	0.0097	3017.7	40.5	6.0	4.0	1.5	703	29.7	AEIL	AGN
3614	5581/1	16 11 50.7	-03 23 56	42	0.0170	0.0031	3261.1	37.1	9.9	5.4	0.9	0	10.5	H	AGN
3615	5941/1	16 11 52.5	-30 00 19	52	0.0195	0.0049	2610.2	26.7	6.3	3.8	0.9	0	19.0	L	L
3616	2057/1	16 12 06.5	26 39 06	47	0.0255	0.0059	1313.4	21.0	3.0	4.3	1.2	0	13.2	H	Q
3617	2056/1	16 12 09.6	26 11 58	38	0.180	0.015	1280.6	140.8	3.2	11.7	1.0	0	14.0	AL	Q
	2057/2	16 12 09.2	26 12 04	38	0.174	0.015	1313.4	137.3	2.7	11.6	1.3	0	14.0	AL	Q
3618	3219/1	16 12 48.0	33 59 05	31	2.170	0.050	1717.1	2781.9	395.1	43.3	1.3	0	0.1	AL	S
	7310/1	16 12 48.7	33 58 59	48	*0.99	0.14	1889.0	834.4	362.6	7.2	1.5	1108	24.7	AL	S
3619	3548/1	16 13 01.9	30 53 11	51	0.00424	0.00092	16484.0	40.7	36.3	4.6	0.7	0	15.5	L	L
3620	7309/1	16 13 04.0	34 01 05	56	*0.0211	0.0058	1782.3	15.9	3.1	3.6	2.4	803	24.4	H	H
3621	4526/1	16 13 05.4	-06 01 08	38	0.191	0.014	1517.3	194.8	4.2	13.8	2.9	0	8.7	H	CLG
3622	3548/2	16 13 21.4	31 05 50	38	0.0113	0.0012	16484.0	130.8	47.2	9.8	1.0	0	6.1	H	H
3623	3095/1	16 13 31.0	-50 53 52	31	0.229	0.025	2477.7	416.5	842.5	9.1	13.3	0	2.8	AL	AL
	3157/2	16 13 28.2	-50 54 22	48	0.369	0.027	3017.7	594.7	542.3	13.5	9.1	500	19.4	AL	AL
	5292/2	16 13 31.9	-50 53 23	48	*0.347	0.047	2173.7	318.3	125.7	7.2	8.4	1004	25.5	AL	AL
3624	10397/1	16 13 37.3	65 50 36	31	0.296	0.017	1458.6	322.1	6.9	17.8	1.3	0	0.9	AL	*
	5385/1	16 13 35.6	65 50 49	32	0.130	0.019	793.6	76.8	16.2	6.8	1.1	0	0.7	AL	*
	272/2	16 13 36.9	65 50 32	48	*0.1739	0.0092	5947.7	369.1	11.9	18.9	1.4	1308	29.9	AL	*
	10395/1	16 13 37.7	65 50 39	31	0.227	0.016	1747.5	295.9	51.1	13.8	1.3	0	0.9	AL	*
	10394/1	16 13 38.1	65 50 35	31	0.234	0.017	1721.4	300.9	59.1	13.7	1.3	0	1.1	AL	*
	10396/1	16 13 38.8	65 50 37	31	0.247	0.016	1283.5	237.1	6.9	15.2	1.3	0	1.1	AL	*
	10375/1	16 13 38.8	65 50 51	31	0.262	0.019	998.0	195.0	6.0	13.8	1.3	0	0.6	AL	*
3625	3548/3	16 13 37.8	30 55 03	39	0.0087	0.0011	16484.0	95.5	40.5	8.2	0.9	0	10.1	H	H
3626	3095/2	16 13 53.9	-50 57 27	31	0.860	0.042	2477.7	1537.9	2029.1	20.5	4.5	0			

16^h14^m07.3^s — 16^h23^m46.8^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
3627	6319/1	16 14 07.3	32 39 42	51	0.0118	0.0025	6412.0	33.8	16.2	4.8	0.8	0	23.4	H	
3628	3716/1	16 14 10.7	05 06 57	52	*0.0075	0.0017	17981.1	61.3	46.7	4.2	0.8	601	24.0	L	Q
3629	322/1	16 14 46.1	34 53 20	55	0.0052	0.0014	9432.0	26.9	27.1	3.7	0.6	100	17.2	L	
3630	3716/2	16 14 54.6	05 34 14	42	0.0055	0.0013	17981.1	62.2	75.8	4.2	0.8	0	13.1	L	AGN
3631	3548/4	16 14 55.1	30 52 47	51	0.0086	0.0012	16484.0	76.6	32.4	7.3	0.9	300	18.5	H	
3632	3548/5	16 14 58.2	31 14 13	51	*0.0061	0.0011	16484.0	55.9	39.1	5.7	0.8	401	17.3	H	
3633	6319/2	16 15 07.5	33 06 01	61	0.0185	0.0044	6412.0	26.5	12.5	4.2	1.5	0	36.8	H	
3634	4104/1	16 15 17.7	06 11 14	38	0.245	0.018	1629.8	248.2	24.8	13.2	1.2	0	13.3	L	SY
3635	3548/6	16 15 19.9	31 18 55	69	*0.0037	0.0010	16484.0	27.3	28.7	3.6	0.7	704	23.5	H	
3636	322/2	16 15 30.8	35 01 31	32	0.0153	0.0018	9432.0	102.7	40.3	8.6	4.9	0	4.9	H	S
3637	6319/3	16 15 47.7	32 29 51	32	0.0317	0.0028	6412.0	151.2	21.8	11.5	1.0	0	0.2	H	
3638	3716/3	16 15 50.9	05 34 51	51	0.0077	0.0018	17981.1	55.8	53.2	4.2	0.9	0	27.2	L	
3639	5150/1	16 15 52.2	-50 36 05	57	*0.0234	0.0064	2307.8	14.2	0.8	3.7	2.0	801	32.2	EH	
3640	322/3	16 15 55.3	35 16 04	45	0.0046	0.0013	9432.0	28.3	32.7	3.6	0.6	0	11.4	H	
3641	7749/1	16 15 59.5	55 23 36	31	0.1706	0.0059	6916.8	878.1	30.9	29.1	1.5	0	0.2	H	S
3642	6319/4	16 16 13.8	32 55 41	56	0.0081	0.0023	6412.0	20.4	13.6	3.5	1.2	0	26.6	H	
3643	5150/2	16 16 36.0	-50 29 50	48	*0.110	0.011	2307.8	100.5	5.5	9.8	1.2	1209	23.6	EH	
3644	1138/1	16 17 08.3	-75 24 32	47	0.0191	0.0054	1491.2	16.7	5.3	3.6	0.8	300	14.3	H	
3645	6319/5	16 17 08.8	32 37 19	52	*0.0077	0.0019	6412.0	26.1	15.9	4.0	0.9	501	18.8	H	
3646	5150/3	16 17 31.7	-50 21 31	43	0.0175	0.0039	2307.8	25.4	6.6	4.5	1.1	0	12.1	H	
3647	484/1	16 17 58.2	17 31 52	39	0.0698	0.0081	1755.4	79.6	6.4	8.6	1.4	0	11.8	AH	AGN
	5350/1	16 17 57.2	17 31 34	35	0.073	0.011	896.6	49.1	2.9	6.8	1.1	0	0.4	AH	AGN
3648	484/2	16 18 07.0	17 43 36	36	0.0311	0.0052	1755.4	40.7	6.3	5.9	1.1	0	0.2	AH	Q
	5350/2	16 18 09.1	17 43 35	47	0.0275	0.0075	896.6	15.5	2.5	3.6	0.8	0	12.5	A	Q
3649	4587/1	16 18 09.2	41 26 39	52	*0.0096	0.0026	6276.1	22.3	13.7	3.7	0.8	501	20.2	E	
3650	4587/2	16 18 10.4	41 06 14	48	*0.0915	0.0056	6276.1	283.8	16.2	16.4	1.1	803	18.5	H	
3651	4587/3	16 18 22.1	40 58 34	51	*0.0191	0.0028	6276.1	56.9	11.1	6.9	1.4	804	21.7	H	
3652	5150/4	16 18 48.9	-50 25 14	48	0.0656	0.0074	2307.8	86.0	7.0	8.9	1.0	0	17.0	H	
3653	4527/1	16 18 54.7	25 53 02	51	*0.0354	0.0070	1702.6	29.0	4.0	5.1	1.7	703	20.7	AH	CLG
	3177/1	16 18 58.0	25 52 55	52	0.0272	0.0065	1540.4	19.5	2.5	4.2	1.7	200	22.6	AH	CLG
3654	7749/2	16 18 55.2	55 40 47	56	0.0097	0.0026	6916.8	23.4	16.6	3.7	1.0	300	30.1	H	
3655	4587/4	16 20 07.1	40 55 40	55	0.0062	0.0017	6276.1	22.8	17.2	3.6	0.8	0	20.2	L	
3656	4107/1	16 21 06.2	09 04 20	41	0.0427	0.0091	1395.3	42.5	16.5	4.6	1.2	0	5.4	L	
3657	6679/1	16 21 31.5	26 41 20	48	0.01402	0.00099	51224.9	281.5	117.5	14.1	2.3	0	27.1	AH	
	5720/1	16 21 33.0	26 40 41	52	0.0133	0.0025	7853.9	40.9	18.1	5.3	2.0	0	27.4	AH	
3658	6679/2	16 21 40.5	27 24 42	53	*0.00394	0.00082	51224.9	56.2	79.8	4.8	1.7	804	33.8	H	
3659	3828/1	16 22 00.4	-25 14 37	58	*0.0252	0.0071	2230.4	15.1	2.9	3.6	2.1	703	31.1	EH	
3660	4587/5	16 22 10.3	41 11 29	61	*0.0078	0.0021	6276.1	21.7	12.3	3.7	0.8	602	29.1	H	
3661	6679/3	16 22 14.9	26 56 50	39	0.00432	0.00050	51224.9	138.5	122.5	8.6	1.0	0	12.2	H	
3662	9543/1	16 22 18.4	-24 20 06	51	0.0382	0.0064	2929.0	50.7	6.3	5.8	1.1	0	23.0	AL	
	3749/1	16 22 18.4	-24 20 09	48	*0.0401	0.0048	4140.2	77.4	7.6	8.4	1.0	1409	22.8	A	
	9542/1	16 22 18.6	-24 20 10	51	0.0337	0.0059	2500.6	38.2	6.8	5.7	0.9	0	23.1	AH	
	8374/1	16 22 18.8	-24 20 19	51	0.0343	0.0090	1688.5	26.3	8.7	3.7	1.0	0	22.9	AL	
	9541/1	16 22 19.8	-24 20 19	52	0.0333	0.0078	1422.9	21.7	4.3	4.2	0.9	0	22.8	AH	
3663	3749/2	16 22 26.1	-23 48 40	52	0.0265	0.0060	4140.2	24.9	7.1	4.4	1.4	0	37.8	H	
3664	4587/6	16 22 30.9	41 21 34	56	*0.0182	0.0032	6276.1	40.3	9.7	5.7	3.2	1309	33.8	H	Q
3665	495/1	16 22 32.0	23 52 08	42	0.0089	0.0024	3067.5	20.2	8.8	3.8	0.8	0	0.2	H	
3666	6679/4	16 22 39.2	26 35 44	52	*0.00164	0.00046	51224.9	39.7	82.3	3.6	0.6	1109	22.6	H	
3667	3749/3	16 22 47.1	-24 44 06	50	0.0455	0.0058	4140.2	68.5	7.5	7.9	1.2	0	29.3	H	
3668	9543/2	16 22 50.6	-24 32 41	51	0.0183	0.0048	2929.0	27.2	9.8	3.7	1.0	0	20.3	AL	
	3749/4	16 22 49.5	-24 32 22	52	0.0119	0.0028	4140.2	25.2	10.8	4.2	0.9	100	19.9	AH	
	9542/2	16 22 49.7	-24 32 30	48	0.0990	0.0092	2500.6	124.8	8.2	10.8	1.0	400	20.1	AH	
3669	10194/1	16 22 53.9	73 29 08	56	*0.0094	0.0025	3618.6	18.2	5.8	3.7	1.0	1309	18.2	H	
3670	3749/5	16 22 57.1	-24 24 01	42	0.0160	0.0029	4140.2	39.8	11.2	5.6	0.9	0	14.3	A	
	8374/2	16 22 59.0	-24 23 47	45	0.0219	0.0058	1688.5	22.0	4.0	3.6	0.7	0	14.5	AL	
	9543/3	16 22 59.5	-24 23 42	42	0.0186	0.0044	2929.0	32.5	10.5	4.1	0.9	0	14.3	AL	
	9541/2	16 22 59.8	-24 23 37	47	0.0189	0.0054	1422.9	16.1	4.9	3.5	0.8	0	14.2	AH	
	9542/3	16 23 01.1	-24 23 29	48	0.0129	0.0034	2500.6	19.5	7.5	3.7	0.9	0	14.5	AH	
3671	5720/2	16 23 01.2	26 25 03	56	0.0101	0.0026	7853.9	24.7	14.3	3.9	0.9	200	31.9	H	
3672	3749/6	16 23 03.1	-24 16 56	38	0.1008	0.0064	4140.2	261.8	11.2	15.8	1.5	0	12.8	AH	
	9543/4	16 23 03.8	-24 16 38	38	0.0903	0.0083	2929.0	161.4	11.6	10.8	1.6	0	13.1	AL	
	9542/4	16 23 03.9	-24 16 49	38	0.152	0.010	2500.6	232.0	8.0	15.0	1.4	0	13.1	AH	
	8374/3	16 23 04.2	-24 16 53	39	0.0558	0.0090	1688.5	57.8	9.2	6.0	1.3	0	13.1	AL	
	9541/3	16 23 04.4	-24 16 41	39	0.0781	0.0098	1422.9	68.0	5.0	8.0	1.4	0	12.8	AH	
3673	6679/5	16 23 03.8	27 15 09	52	*0.00200	0.00044	51224.9	55.5	92.5	4.6	0.7	1109	17.8	H	
3674	6679/6	16 23 08.7	27 09 18	42	0.00239	0.00046	51224.9	77.7	147.3	5.2	0.7	0	11.9	H	
3675	6679/7	16 23 11.2	26 57 25	31	0.01016	0.00061	51224.9	388.1	152.9	16.7	0.9	0	0.4	AH	Q
	5720/3	16 23 11.5	26 57 15	35	0.0103	0.0016	7853.9	60.3	26.7	6.5	0.8	0	0.4	AH	L
3676	9543/5	16 23 17.7	-24 13 42	41	0.0285	0.0054	2929.0	53.2	20.8	5.1	4.3	0	11.5	AL	
3677	3749/7	16 23 18.5	-24 14 46	42	0.0214	0.0030	4140.2	58.9	11.1	7.0	7.1	0	10.6	L	
3678	9542/5	16 23 18.7	-24 15 26	42	0.0163	0.0036	2500.6	26.6	8.4	4.5	11.5	0	10.6	AH	
3679	6679/8	16 23 21.7	27 15 41	55	*0.00214	0.00043	51224.9	58.2	80.8	4.9	14.5	1409	18.5	H	
3680	4053/1	16 23 26.6	27 12 05	51	0.0244	0.0040	2934.3	41.4	5.6	6.0	1.2	0	16.9	AH	
	5720/4	16 23 28.3	27 12 19	48	0.0295	0.0027	7853.9	135.2	22.8	10.8	1.1	100	15.7	AH	
	6679/9	16 23 29.5	27 12 18	48	0.0277	0.0010	51224.9	823.3	129.7	26.7	1.2	500	15.7	AH	
3681	8375/1	16 23 27.5	-25 20 06	47	0.0290	0.0077	985.9	17.8	4.2	3.8	0.8	0	12.2	H	
3682	9542/6	16 23 30.3	-24 12 29	43	0.0124	0.0033	2500.6	20.5	8.5	3.8	16.1	0	10.0	H	
3683	9542/7	16 23 34.4	-24 16 39	42	0.0211	0.0039	2500.6	36.6	9.4	5.4	11.0	0	6.8	H	
3684	6679/10	16 23 46.8	26 53 59	41	0.00261	0.00045	51224.9	91.6	157.4	5.8	0.8	0	9.0	H	Q
3685	9542/8	16 23 46.8	-24 05 17	50	0.0394										

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
3686	9541/4	16 23 44.8	-24 04 43	51	0.0502	0.0083	1422.9	40.8	5.2	6.0	1.0	100	15.7	AH	
	3749/8	16 23 45.5	-24 05 34	43	0.0147	0.0028	4140.2	36.4	10.6	5.3	1.3	0	14.8	A	
	8374/4	16 23 47.6	-24 05 22	42	0.0321	0.0076	1688.5	31.5	9.5	4.1	0.9	0	14.9	AL	
	3749/9	16 24 02.2	-24 35 37	51	0.0129	0.0027	4140.2	31.1	10.9	4.8	0.8	400	15.6	AH	
3687	3829/1	16 24 13.2	-24 44 54	55	0.047	0.012	1003.9	17.9	2.1	4.0	1.3	0	28.6	AH	
	9542/9	16 24 13.5	-24 44 56	51	0.0319	0.0059	2500.6	34.8	6.2	5.4	0.9	600	24.9	AH	
	8374/5	16 24 14.7	-24 44 56	50	0.088	0.013	1688.5	64.6	3.4	6.7	1.0	600	25.0	AL	
	9542/10	16 24 19.1	-24 34 32	48	0.0571	0.0065	2500.6	85.3	7.7	8.8	1.2	0	15.2	AH	
3688	9543/6	16 24 18.5	-24 34 49	51	0.0208	0.0042	2929.0	36.3	5.7	4.8	0.8	0	15.5	AL	
	9541/5	16 24 19.0	-24 34 19	51	0.0317	0.0066	1422.9	27.1	4.9	4.8	1.1	0	15.1	AH	
	8374/6	16 24 20.6	-24 34 39	51	0.0301	0.0074	1688.5	30.3	10.7	3.9	1.1	0	15.3	AL	
	9542/11	16 24 24.0	-24 11 10	43	0.0122	0.0033	2500.6	20.1	9.9	3.7	0.6	0	10.5		
3689	3749/10	16 24 30.4	-24 34 21	56	0.0099	0.0024	4140.2	23.5	9.5	4.1	3.2	0	16.6		
3691	3828/2	16 24 34.2	-25 20 10	41	0.0333	0.0052	2230.4	46.8	6.2	6.4	0.9	0	12.7	H	
3692	6431/1	16 24 35.4	-35 40 15	51	0.103	0.016	1084.2	44.2	2.8	6.5	1.1	0	27.2	H	
3693	4114/1	16 24 37.5	15 04 50	51	0.0532	0.0095	1689.0	45.8	6.2	5.4	1.0	100	20.1	L	
3694	3749/11	16 24 39.3	-24 15 21	39	0.0305	0.0036	4140.2	83.9	12.1	8.6	1.1	0	10.6	AH	
	8374/7	16 24 39.4	-24 15 17	42	0.0293	0.0063	1688.5	33.0	6.0	4.5	0.8	0	10.1	AL	
	9541/6	16 24 39.4	-24 15 08	42	0.0414	0.0071	1422.9	39.2	5.8	5.8	0.9	0	10.4	AH	
	9543/7	16 24 39.9	-24 15 19	42	0.0203	0.0041	2929.0	39.6	9.4	4.7	0.9	0	10.3	AL	
3695	9542/13	16 24 40.8	-24 15 08	42	0.0215	0.0040	2500.6	35.8	9.2	5.3	0.9	0	10.7	AH	
	9542/12	16 24 40.0	-23 52 04	52	*0.0361	0.0076	2500.6	28.0	7.0	4.7	1.1	804	29.5	EH	
	9542/14	16 24 52.4	-24 34 10	55	0.0142	0.0038	2500.6	19.4	7.6	3.7	0.7	0	18.6	A	
	3749/12	16 24 49.6	-24 33 55	52	0.0132	0.0028	4140.2	29.6	9.4	4.7	0.8	200	18.4	A	
3697	6679/11	16 25 15.2	26 59 47	74	0.00305	0.00064	51224.9	61.0	104.0	4.7	0.9	0	28.0		
3698	5583/1	16 25 15.8	61 55 04	84	0.0188	0.0049	2448.0	21.0	2.0	3.7	0.5	100	22.8	L	
3699	857/1	16 25 27.4	-26 03 12	51	0.0188	0.0031	4792.5	47.1	13.9	6.0	1.1	0	19.9		
	3828/3	16 25 26.3	-26 02 35	55	*0.0358	0.0093	2230.4	17.3	2.7	3.9	1.1	1004	38.1	AH	
	857/2	16 25 30.8	-26 12 34	42	0.0190	0.0028	4792.5	57.7	16.3	6.7	1.0	0	13.4	H	
	9541/7	16 25 32.2	-24 15 42	48	*0.118	0.013	1422.9	83.3	2.7	9.0	1.0	906	21.7	AH	
3700	3749/13	16 25 30.9	-24 15 45	52	*0.0118	0.0027	4140.2	23.9	7.1	4.3	0.7	1408	21.6	A	
	4193/1	16 25 34.6	39 47 53	57	0.0126	0.0035	4707.8	32.7	22.3	3.5	1.1	0	18.2	L	
	1857/1	16 25 45.3	40 51 54	44	0.0091	0.0024	5503.2	31.2	16.8	3.6	0.7	0	13.3	L	
	857/3	16 26 01.8	-25 54 10	51	0.0173	0.0034	4792.5	35.9	13.1	5.1	0.8	500	25.5		
3705	4193/2	16 26 55.3	39 39 36	31	0.391	0.018	4707.8	1366.7	1222.3	21.8	5.0	0	1.6	AL	*
	2691/1	16 26 55.0	39 39 23	31	0.309	0.042	789.2	181.6	206.4	7.3	5.0	0	0.3	AL	*
	857/4	16 27 08.3	-26 27 18	39	0.0405	0.0040	4792.5	117.5	15.5	10.2	1.1	0	13.4	H	
	3830/1	16 27 33.6	-24 27 51	41	0.0375	0.0051	2237.6	59.3	6.7	7.3	1.0	0	6.4	AH	
3707	8377/1	16 27 36.0	-24 27 35	42	0.0265	0.0047	2054.5	38.1	7.9	5.6	0.8	0	5.9	AH	
	5584/1	16 28 03.8	21 35 32	32	0.0424	0.0039	4104.8	129.7	13.3	10.8	1.4	0	0.7	H	
	3830/2	16 28 13.0	-24 27 24	35	0.0293	0.0045	2237.6	47.4	6.6	6.5	4.0	0	4.0	AH	
	8377/2	16 28 14.1	-24 27 24	35	0.0326	0.0051	2054.5	48.4	8.6	6.4	3.0	0	4.4	AH	
3710	3830/3	16 28 17.9	-24 23 38	39	0.0579	0.0063	2237.6	89.8	6.2	9.2	2.0	0	7.7	AH	
	8377/3	16 28 19.9	-24 23 36	39	0.0598	0.0068	2054.5	84.4	8.6	8.8	1.7	0	8.0	AH	
	5584/2	16 28 32.5	21 40 58	42	0.0127	0.0025	4104.8	35.4	12.6	5.1	0.8	0	9.1	H	
	3830/4	16 28 48.3	-24 49 26	52	*0.0199	0.0048	2237.6	20.7	4.3	4.1	0.8	1109	22.3		
3712	8377/4	16 29 09.3	-24 33 58	51	0.0263	0.0052	2054.5	31.4	6.6	5.1	0.9	0	16.3	AH	
	3830/5	16 29 08.8	-24 33 55	50	*0.0436	0.0061	2237.6	55.2	3.8	7.2	1.0	1007	16.1	AH	
	7980/1	16 29 11.1	-47 38 37	56	*0.0086	0.0018	9121.2	34.4	16.6	6.8	1.6	1609	23.8		
	5584/3	16 29 29.0	21 29 05	52	*0.0114	0.0028	4104.8	23.0	9.0	4.1	1.0	703	20.4	H	
3716	3438/1	16 29 30.8	40 54 38	48	0.0650	0.0047	7744.6	282.4	43.6	13.6	1.7	0	18.2	L	
	3438/2	16 29 38.7	40 58 15	51	0.0111	0.0026	7744.6	46.3	33.7	4.2	8.8	0	19.2	L	
	1910/1	16 30 01.9	82 01 09	81	*0.00373	0.00098	18571.8	31.3	36.7	3.8	0.7	1307	23.6		
	7980/2	16 30 10.3	-48 00 23	31	0.1001	0.0039	9121.2	680.9	35.1	25.4	1.2	0	0.2	AH	S
3719	3286/1	16 30 10.4	-48 00 17	31	0.1008	0.0059	4075.9	306.7	16.3	17.1	1.1	0	0.2	AH	S
	4531/1	16 30 20.4	05 40 30	48	*0.253	0.028	1733.0	178.5	53.3	9.0	1.5	601	29.7	IL	CLG
	9052/1	16 30 23.0	03 21 16	35	0.0600	0.0096	1337.3	59.8	10.2	6.1	1.1	0	0.2	L	S
	7980/3	16 31 47.0	-47 59 34	50	0.0129	0.0018	9121.2	67.6	25.4	7.0	0.8	0	16.4	AH	
3722	3286/2	16 31 44.6	-47 59 39	50	*0.0226	0.0034	4075.9	54.8	11.2	6.8	1.0	806	16.1	AH	
	8349/1	16 32 12.8	26 42 52	50	*0.0154	0.0017	18539.1	103.3	27.7	9.0	1.3	1207	29.3	H	
	7643/1	16 32 46.2	-28 06 49	31	0.518	0.013	6213.9	2400.7	309.3	40.5	1.3	0	0.2	AL	
	831/1	16 32 46.5	-28 06 49	31	0.468	0.012	6568.7	2294.8	326.2	39.3	1.3	0	0.2	AL	
3725	8349/2	16 33 06.2	26 43 50	55	0.00356	0.00084	18539.1	36.1	35.9	4.3	0.7	0	17.5		
	8349/3	16 33 20.7	26 37 18	48	*0.0138	0.0013	18539.1	135.6	35.4	10.4	1.1	805	18.3	H	
	8349/4	16 33 34.0	26 44 25	43	0.00273	0.00074	18539.1	32.5	44.5	3.7	0.6	0	11.6		
	8349/5	16 33 44.1	26 30 19	51	*0.0080	0.0011	18539.1	71.2	28.8	7.1	1.0	803	21.2	H	
3729	7643/2	16 33 55.7	-28 24 47	51	0.0170	0.0032	6213.9	49.2	13.8	5.2	1.0	0	23.6	AL	
	831/2	16 33 55.2	-28 24 50	52	0.0116	0.0029	6568.7	35.3	18.7	3.9	1.3	0	23.5		
	7410/1	16 34 04.5	-57 09 27	47	0.0094	0.0022	4439.2	26.4	11.6	4.3	0.9	0	12.4	H	
	7410/2	16 34 20.5	-57 22 10	31	0.1244	0.0063	4439.2	405.2	14.8	19.8	1.3	0	2.8	AH	
3732	7742/1	16 34 19.6	-57 21 26	50	*0.084	0.011	1991.9	57.4	3.6	7.4	1.2	603	29.7	AH	
	5104/1	16 34 25.6	-10 28 11	32	0.1051	0.0089	1859.7	145.8	5.2	11.9	1.4	0	0.7	AH	S
	5105/1	16 34 23.9	-10 27 50	32	0.0942	0.0089	1649.5	115.8	4.2	10.6	1.2	0	0.4	AH	S
	5103/1	16 34 24.0	-10 28 09	32	0.0928	0.0079									

16h35m26.1s — 16h59m01.3s

Number		Position			Intensity		Detection Params.						Flags		
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±	LIVE-TIME	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R (')	SRC	ID
3738	567/1	16 35 26.1	11 55 47	31	0.0628	0.0060	3708.3	173.6	35.4	10.3	1.7	0	0.2	AL	Q
	7742/2	16 35 34.4	-56 53 26	32	0.0540	0.0064	1991.9	80.1	8.9	8.5	1.0	0	0.2	AH	S
	7410/3	16 35 36.7	-56 54 52	51	*0.0312	0.0054	4439.2	41.8	10.2	5.8	1.3	703	30.4	AEH	S
3739	313/1	16 35 40.1	66 18 49	31	0.0991	0.0064	3398.6	250.2	13.8	15.4	2.2	0	0.9	H	CLG
3740	5425/2	16 36 28.2	11 58 52	51	0.0103	0.0024	7427.8	44.4	27.6	4.2	0.8	0	15.5	L	
3741	1910/2	16 37 53.5	82 38 23	31	0.0527	0.0020	18571.8	726.7	62.3	25.9	1.4	0	0.7	L	
3742	3220/1	16 38 21.6	60 47 45	32	0.0842	0.0087	1565.8	98.2	5.8	9.6	1.2	0	0.4	H	CV
3743	8351/1	16 38 44.3	53 52 32	36	0.0048	0.0013	8386.2	29.6	37.4	3.6	2.3	0	0.9	H	H
3744	4993/1	16 38 47.1	00 35 60	35	0.060	0.011	1121.1	50.2	14.8	5.2	1.2	0	0.1	L	S
3745	313/2	16 39 05.2	66 19 51	52	*0.0143	0.0032	3398.6	25.0	6.0	4.5	1.1	906	20.4	L	H
3746	5694/1	16 40 04.9	39 40 49	51	0.0259	0.0043	3280.4	44.0	10.0	6.0	1.1	0	19.0	H	Q
3747	8351/2	16 40 07.3	53 49 49	50	0.0149	0.0020	8386.2	74.2	23.8	7.5	1.0	0	15.3	H	*Q
3748	5694/2	16 40 12.4	40 07 28	55	0.0112	0.0031	3280.4	19.4	9.6	3.6	0.9	500	18.3	H	Q
3749	273/1	16 40 36.3	62 24 08	51	*0.0273	0.0049	3153.8	36.7	6.3	5.6	1.0	601	25.1	H	S
3750	8351/3	16 40 53.5	53 45 34	50	*0.0197	0.0025	8386.2	77.4	17.6	7.9	1.0	1109	23.0		
3751	1910/3	16 41 11.4	82 59 29	61	*0.00340	0.00089	18571.8	31.1	35.9	3.8	0.7	1409	21.4		
3752	5694/3	16 41 18.2	39 54 20	31	0.1868	0.0089	3280.4	456.5	13.5	21.1	1.5	0	0.2	AH	Q
	2060/1	16 41 17.3	39 54 16	31	0.142	0.012	1960.0	207.3	26.7	11.8	1.3	0	0.1	AL	Q
	2061/1	16 41 18.0	39 54 08	31	0.135	0.012	2037.8	205.4	42.6	11.2	1.8	0	0.2	AL	Q
3753	2494/1	16 41 26.7	-03 24 44	54	0.0053	0.0015	8711.4	24.8	21.2	3.7	0.6	0	18.9	A	
	10443/1	16 41 27.5	-03 24 52	48	0.0168	0.0023	11407.5	101.4	35.6	7.2	0.9	100	19.0	AL	
3754	6328/1	16 41 34.8	17 21 20	32	0.0450	0.0046	3149.1	105.7	11.3	9.8	1.3	0	0.2	H	G
3755	5694/4	16 41 43.3	39 54 15	32	0.0338	0.0041	3280.4	79.9	13.1	8.3	8.0	0	4.9	AL	AGN
	2061/2	16 41 43.3	39 53 55	39	0.0532	0.0079	2037.8	77.8	21.2	6.6	4.7	0	5.1	AL	AGN
3756	3357/1	16 42 06.2	25 20 28	38	0.0127	0.0035	1775.2	16.8	5.2	3.6	0.7	0	0.7	H	CV
3757	2494/2	16 42 18.5	-03 38 51	55	0.0067	0.0018	8711.4	24.1	18.9	3.7	1.1	0	26.3	H	H
3758	2494/3	16 42 27.1	-03 13 11	36	0.0064	0.0013	8711.4	41.7	28.3	5.0	0.8	0	0.8	H	H
3759	2494/4	16 42 47.6	-03 35 07	59	*0.0065	0.0016	8711.4	26.2	15.8	4.0	0.8	601	23.3	H	H
3760	10443/2	16 43 10.7	-02 51 10	54	0.0077	0.0018	11407.5	38.4	17.6	4.0	0.7	500	24.1	L	L
3761	2494/5	16 44 10.2	-02 58 33	54	0.0095	0.0023	8711.4	28.8	19.2	4.2	1.4	0	30.0	AH	
	10443/3	16 44 12.0	-02 58 37	51	0.0139	0.0031	11407.5	55.1	33.9	4.3	1.3	800	30.1	AL	
3762	10071/1	16 45 30.0	-14 05 38	50	0.0137	0.0019	9584.4	70.8	24.2	7.3	1.1	0	17.7	AL	
	4511/1	16 45 30.8	-14 05 53	54	0.0199	0.0053	1627.1	17.0	3.0	3.8	0.9	500	18.1	AL	
3763	10071/2	16 46 12.1	-14 11 44	39	0.0168	0.0018	9584.4	112.5	27.5	9.5	1.0	0	6.5	AL	
	4511/2	16 46 11.5	-14 11 54	42	0.0308	0.0055	1627.1	34.2	3.8	5.6	1.0	0	7.6	AL	
3764	10071/3	16 46 26.2	-14 16 44	32	0.0201	0.0019	9584.4	143.4	30.6	10.9	1.0	0	0.8	AL	
	4511/3	16 46 27.7	-14 17 00	37	0.0180	0.0042	1627.1	21.6	4.4	4.2	1.0	0	1.9	AL	
3765	1910/4	16 46 41.0	82 38 36	50	*0.0098	0.0012	18571.8	102.0	45.0	8.4	2.2	1006	16.7	H	H
3766	10533/1	16 47 22.4	05 22 33	48	0.0349	0.0020	41238.1	569.2	224.8	17.0	1.3	0	26.4	L	L
3767	10533/2	16 47 32.6	04 58 18	48	*0.0124	0.0016	41238.1	272.1	183.3	7.6	1.1	804	18.6	L	L
3768	5076/1	16 48 05.7	-41 08 34	35	0.0124	0.0017	8159.0	75.4	30.6	7.3	0.9	0	0.4	H	S
3769	10533/3	16 48 15.8	04 41 25	55	0.0046	0.0011	41238.1	83.7	145.3	4.1	1.1	400	24.5	L	L
3770	7141/1	16 48 38.3	-18 45 53	47	0.0179	0.0050	1470.0	17.0	5.0	3.6	0.9	0	11.9	AL	
3771	10533/4	16 48 40.4	05 04 38	31	0.0598	0.0019	41238.1	1834.3	676.7	31.0	1.6	0	0.5	L	G
3772	5076/2	16 48 56.7	-41 25 59	52	0.0075	0.0018	8159.0	32.0	26.0	4.2	0.7	0	19.8	H	H
3773	10533/5	16 49 25.2	05 07 32	43	0.00324	0.00075	41238.1	87.9	166.1	4.3	0.7	0	11.2	L	L
3774	10533/6	16 49 25.9	04 45 23	52	0.0049	0.0010	41238.1	97.7	148.3	4.8	0.9	0	22.4	L	L
3775	1910/5	16 49 34.6	82 35 37	56	*0.0049	0.0010	18571.8	42.2	35.8	4.8	0.8	704	22.4	H	H
3776	5075/1	16 50 31.1	-41 38 23	47	0.0176	0.0044	1702.5	20.9	6.1	4.0	12.0	0	6.3	H	H
3777	919/1	16 50 34.2	-30 19 32	41	0.0417	0.0077	1726.1	46.1	8.9	5.3	1.0	0	11.5	L	S
3778	7829/1	16 50 37.0	53 30 44	55	*0.0353	0.0089	1234.0	17.7	2.3	3.9	1.1	1007	24.2	H	H
3779	5075/2	16 50 40.6	-41 44 45	32	0.0672	0.0076	1702.5	85.3	6.7	8.9	2.9	0	0.4	H	S
3780	5210/1	16 52 12.0	39 50 25	31	2.478	0.033	4545.5	8386.3	1217.7	75.1	1.4	0	0.4	AL	* * *
	2001/1	16 52 10.7	39 50 32	31	3.302	0.073	1159.0	2838.5	288.5	44.9	1.3	0	1.0	AL	* * *
	5211/1	16 52 11.8	39 50 30	31	2.778	0.052	2118.4	4388.5	722.5	53.7	1.4	0	0.4	AL	* * *
3781	5210/2	16 52 26.8	39 30 33	48	0.0387	0.0049	4545.5	92.0	14.0	7.7	1.1	0	19.8	AL	
	5211/2	16 52 27.4	39 30 42	51	*0.058	0.012	2118.4	62.7	9.3	4.7	1.1	702	19.4	AL	
3782	3052/1	16 52 46.2	-40 35 13	43	0.0235	0.0058	1282.7	20.2	4.8	4.0	0.9	0	10.5	H	H
3783	3112/1	16 52 46.9	-08 15 15	31	0.780	0.028	2078.0	1207.7	223.3	27.7	1.4	0	0.5	L	S
3784	5210/3	16 52 51.7	39 58 47	42	0.0118	0.0030	4545.5	34.5	20.5	3.8	1.0	0	11.6	L	L
3785	7397/1	16 53 58.9	35 15 29	52	0.0101	0.0018	12267.4	48.7	25.3	5.7	3.7	0	26.6	H	H
3786	7397/2	16 54 24.8	35 14 38	50	*0.0167	0.0019	12267.4	95.4	22.6	8.8	2.2	703	22.5	H	H
3787	6451/1	16 54 26.1	-04 15 51	38	0.138	0.012	1539.6	128.6	4.4	11.1	1.3	0	13.8	H	H
3788	7397/3	16 55 23.6	35 24 28	43	0.0038	0.0010	12267.4	32.3	41.7	3.8	0.6	0	7.9	H	H
3789	3997/1	16 55 44.6	07 46 09	35	0.0461	0.0066	1555.6	53.5	5.5	7.0	1.1	0	0.2	H	H
3790	3302/1	16 55 58.6	27 56 11	37	0.0211	0.0046	1534.3	24.2	3.8	4.6	2.7	0	0.6	H	H
3791	7397/4	16 56 02.8	35 25 09	31	0.1061	0.0035	12267.4	971.0	42.0	30.5	1.3	0	0.4	AL	H
	816/1	16 56 01.5	35 25 10	31	0.541	0.023	2002.4	807.0	112.0	23.3	1.4	0	0.1	AL	L
3792	8469/1	16 56 05.9	05 19 55	31	0.0849	0.0057	5292.2	334.8	53.2	14.8	1.2	0	0.2	AL	L
3793	1755/1	16 56 42.8	-12 49 04	37	0.0164	0.0040	1857.3	22.6	7.4	4.1	0.8	0	0.2	H	SNR
3794	921/1	16 56 50.2	-66 14 09	56	0.0095	0.0026	4728.8	20.8	11.2	3.7	1.0	400	22.5	H	H

16^h59^m02.4^s — 17^h09^m55.4^s

Number		Position			Intensity		Detection Params.					Flags			
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	± (^{''})	CT RATE	±	LIVE- TIME	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R (['])	SRC	ID
3803	330/1	16 59 02.4	33 29 41	50	0.0350	0.0055	6904.1	73.9	24.1	6.2	1.2	0	32.3	AL	
3804	1042/1	16 59 02.3	-48 42 56	31	163.05	0.71	550.6	66955.3	2385.7	228.5	1.4	0	0.2	L	
3805	2628/1	16 59 10.8	29 28 49	32	0.123	0.014	898.0		2.8	8.9	1.2	0	0.2	H	SY
3806	330/2	16 59 12.2	34 08 31	48	0.0781	0.0068	6904.1	208.0	43.0	11.3	1.5	0	28.3	AL	
3807	1142/2	16 59 14.3	34 08 15	48	0.145	0.014	1886.4	118.1	4.9	10.6	1.2	0	24.4	AH	
3808	7398/2	16 59 23.8	-37 55 31	57	0.0041	0.0011	12237.0	28.4	35.6	3.5	0.7	0	16.2	H	
3809	7398/3	17 00 33.9	-37 46 27	31	0.0409	0.0022	12237.0	373.0	48.0	18.2	1.2	0	0.4	H	
3810	1142/3	17 00 36.3	33 31 02	51	0.0302	0.0062	1886.4	28.9	6.1	4.9	1.9	0	20.9	H	
3811	330/3	17 00 51.5	34 07 41	48	0.1647	0.0096	6904.1	652.7	351.3	17.1	3.1	0	16.9	AH	CLG
3812	1142/4	17 00 57.0	34 09 19	51	*0.093	0.013	1886.4	53.6	3.4	7.1	2.1	1003	33.2	AL	CLG
3813	5935/1	17 01 02.4	-18 53 49	51	0.0073	0.0015	13657.5	44.8	42.2	4.8	1.0	0	23.4	A	*
3814	5945/1	17 01 02.0	-18 53 59	45	0.0096	0.0025	3721.6	22.0	12.0	3.8	0.9	0	13.5	AH	*
3815	7398/4	17 01 06.0	-38 04 50	56	0.0043	0.0012	12237.0	27.9	31.1	3.6	0.6	500	19.5	H	
3816	7528/1	17 01 16.4	78 21 24	48	0.0128	0.0017	18082.7	111.3	42.7	7.4	1.2	100	22.5	L	
3817	5716/1	17 01 33.4	61 02 53	41	0.0260	0.0034	4112.3	69.6	13.4	6.6	1.0	0	10.8	AH	Q
3818	510/1	17 01 29.6	61 03 01	51	0.0648	0.0094	1791.3	51.4	4.6	7.9	1.4	200	23.6	AH	Q
3819	4208/1	17 01 32.5	61 03 10	41	0.0322	0.0042	3229.2	66.1	9.9	7.6	1.0	0	12.8	AH	Q
3820	5688/1	17 01 35.5	61 03 08	48	0.0138	0.0011	38084.9	237.8	97.2	13.0	1.2	300	23.2	AH	Q
3821	2062/1	17 01 37.0	61 02 59	51	*0.0341	0.0055	2764.0	42.7	5.3	6.2	0.9	601	22.9	AH	Q
3822	7666/1	17 01 47.1	49 14 00	36	0.0164	0.0036	2243.8	26.5	7.5	4.5	0.9	0	4.5	H	
3823	7398/5	17 01 58.3	-37 23 33	52	0.0115	0.0020	12237.0	52.2	30.8	5.7	1.3	0	28.8	H	
3824	5935/2	17 02 05.7	-19 11 21	57	*0.0048	0.0012	13657.5	35.3	36.7	4.2	0.7	601	18.5	H	
3825	5992/1	17 02 08.3	00 51 10	49	0.0097	0.0026	3477.3	22.0	4.0	3.6	0.3	0	10.0	L	
3826	330/4	17 02 32.6	33 35 48	52	0.0111	0.0029	6904.1	32.6	18.4	3.7	1.2	0	24.6	L	
3827	10152/1	17 02 36.0	-01 42 59	51	*0.039	0.011	1659.9	38.9	6.1	3.6	1.8	804	31.0	L	
3828	5992/2	17 02 44.4	00 46 13	32	0.0342	0.0053	3477.3	88.7	46.3	6.3	1.3	0	0.3	L	S
3829	7398/6	17 03 03.6	-37 45 12	48	*0.0579	0.0039	12237.0	235.5	20.5	14.7	1.1	703	30.0	L	
3830	5688/2	17 03 12.5	61 00 30	41	0.00313	0.00062	38084.9	72.3	133.7	5.0	1.0	0	13.9	H	
3831	5935/3	17 03 13.6	-18 33 38	56	*0.0052	0.0013	13657.5	33.1	34.9	4.0	0.7	603	22.5	H	
3832	5688/3	17 03 19.1	60 49 06	41	0.00405	0.00059	38084.9	109.2	145.8	6.8	2.4	0	5.1	H	†
3833	5688/4	17 03 30.8	60 52 13	39	0.00414	0.00061	38084.9	111.2	161.8	6.7	2.4	0	5.3		Q
3834	9972/1	17 03 43.3	24 17 00	48	0.0280	0.0026	8188.1	126.8	16.2	10.6	1.1	0	18.2	AH	
3835	1143/1	17 03 45.3	24 17 13	47	0.0133	0.0037	1907.2	17.0	5.0	3.6	0.7	0	9.2	AH	
3836	5935/4	17 03 56.7	-18 38 41	51	*0.0088	0.0015	13657.5	53.4	29.6	5.9	0.9	1209	24.4		Q
3837	5688/5	17 04 05.0	60 48 38	31	0.0280	0.0011	38084.9	794.4	151.6	25.8	1.1	0	0.9	AH	Q
3838	3065/1	17 03 59.5	60 48 35	55	*0.0347	0.0091	989.7	16.6	2.4	3.8	0.8	501	22.3	AH	Q
3839	4208/2	17 04 01.1	60 48 50	41	0.0249	0.0037	3229.2	52.7	9.3	6.7	0.9	0	10.4	AH	Q
3840	2063/1	17 04 01.8	60 48 46	35	0.0333	0.0053	1820.0	45.3	5.7	6.3	0.9	0	0.8	AH	Q
3841	510/2	17 04 02.3	60 48 32	35	0.0400	0.0059	1791.3	53.4	7.6	6.8	1.1	0	0.2	AH	Q
3842	5716/2	17 04 02.6	60 48 55	39	0.0301	0.0037	4112.3	77.3	12.7	8.1	0.9	0	13.0	AH	Q
3843	2062/2	17 04 04.7	60 48 27	32	0.0421	0.0048	2764.0	86.7	9.3	8.8	1.0	0	0.8	AH	Q
3844	9378/1	17 04 05.2	60 48 21	35	0.0212	0.0034	3446.3	54.2	19.8	6.3	0.9	0	0.7	AH	Q
3845	7667/1	17 04 10.1	48 57 08	56	*0.0164	0.0044	2057.6	16.8	3.2	3.8	1.5	906	21.0	H	
3846	3811/1	17 04 17.2	54 32 07	32	0.134	0.011	1702.2	169.4	6.6	12.8	1.3	0	0.8	AH	S
3847	7663/1	17 04 18.9	54 32 18	48	0.119	0.011	2284.0	122.8	6.2	10.8	1.4	0	22.9	AH	S
3848	7665/1	17 04 19.6	54 32 28	48	0.0909	0.0096	1778.3	93.8	5.2	9.4	1.3	0	15.9	AH	S
3849	9972/2	17 04 28.9	24 02 21	31	0.2603	0.0066	8188.1	1589.5	20.5	39.6	1.3	0	0.2	AH	
3850	1143/2	17 04 30.5	24 02 26	38	0.515	0.020	1907.2	674.1	5.9	25.9	1.2	0	8.9	AH	
3851	3670/1	17 04 29.6	71 07 54	53	*0.00300	0.00086	43173.5	38.8	83.2	3.5	0.7	601	30.1	EH	
3852	7530/1	17 04 30.6	79 11 49	41	0.0038	0.0010	20832.0	54.2	79.8	3.6	4.0	0	7.9	L	
3853	5688/6	17 04 44.8	60 54 14	42	0.00205	0.00055	38084.9	53.8	152.2	3.8	0.7	0	7.6		L
3854	7530/2	17 04 49.8	79 08 05	38	0.0107	0.0012	20832.0	157.9	68.1	8.8	2.2	0	5.6		L
3855	5688/7	17 04 57.6	60 46 23	38	0.01976	0.00098	38084.9	528.2	161.8	20.1	1.1	0	7.2	AH	BL
3856	9378/2	17 04 57.1	60 46 12	42	0.0122	0.0029	3446.3	29.2	18.8	4.2	0.8	0	7.0	AH	BL
3857	2062/3	17 04 57.3	60 46 28	43	0.0124	0.0030	2764.0	24.0	10.0	4.1	0.8	0	7.0	AH	BL
3858	510/3	17 04 57.5	60 46 10	43	0.0177	0.0044	1791.3	22.3	7.7	4.1	0.8	0	7.3	AH	BL
3859	2063/2	17 04 57.7	60 46 28	43	0.0184	0.0042	1820.0	23.4	5.6	4.3	1.0	0	7.2	AH	BL
3860	5716/3	17 04 58.5	60 46 20	51	*0.0201	0.0033	4112.3	42.9	8.1	6.0	1.1	1408	19.3	AH	BL
3861	3065/2	17 04 59.3	60 46 24	43	0.0389	0.0087	989.7	22.9	3.1	4.5	0.9	0	14.9	AH	BL
3862	7663/2	17 05 31.6	54 43 30	42	0.0247	0.0047	2284.0	35.1	8.9	5.3	0.8	0	12.4	H	
3863	7529/1	17 05 59.4	78 26 25	41	0.0072	0.0015	14391.0	68.9	60.1	4.8	163.1	0	9.5	AL	
3864	4678/1	17 06 02.1	78 26 08	42	0.0060	0.0014	13114.1	53.6	49.4	4.2	203.2	0	8.2	AL	
3865	5688/8	17 06 16.1	60 38 58	55	0.00285	0.00064	38084.9	58.5	112.5	4.5	0.6	200	18.9	H	
3866	5688/9	17 06 39.0	60 41 45	52	0.00298	0.00068	38084.9	58.7	122.3	4.4	0.7	0	20.3		
3867	5688/10	17 06 46.1	60 35 13	64	*0.00467	0.00072	38084.9	81.3	74.7	6.5	1.3	1209	24.2	H	
3868	300/1	17 06 56.3	78 43 03	31	0.0268	0.0049	13702.3	265.3	1118.7	5.4	12.5	0	3.7	AL	CLG
3869	4678/2	17 06 15.7	78 43 31	48	0.0367	0.0064	13114.1	199.6	523.4	5.7	10.3	200	25.2	AL	CLG
3870	29/1	17 07 29.8	70 42 23	55	*0.00233	0.00062	54082.5	44.7	96.3	3.8	2.1	1004	29.3	H	†
3871	7529/2	17 07 56.3	78 00 35	56	0.0054	0.0013	14391.0	43.8	28.2	4.2	0.8	0	16.8	L	
3872	29/2	17 08 06.7	71 18 15	47	0.00163	0.00038	54082.5	55.9	117.1	4.2	0.5	0	12.3		*
3873	2495/1	17 08 09.5	-16 57 03	52	*0.0283	0.0060	2660.5	25.2	3.8	4.7	2.2	804	31.0	H	
3874	7885/1	17 09 09.0	49 01 36	48	0.191	0.016	1955.1	150.8	4.2	12.1	1.4	500	26.0	AH	S
3875	7667/2	17 09 07.5	49 01 44	48	0.184	0.016	2057.6	137.5	4.5	11.5	1.2	500	28.8	AH	S
3876	7663/3	17 09 10.6	54 33 11	51	0.0283	0.0055	2284.0	32.8	7.2	5.2	1.1	0	21.2	H	S
3877	3090/1	17 09 21.9	39 45 20	35	0.0350	0.0052	2004.5	52.0	7.0	6.8	2.0	0	0.9	H	
3878	7885/2	17 09 37.4	48 22 56	52	0.0283	0.0060	1955.1	26.8	5.2	4.7	1.6	0	21.5	H	
3879	8926/1	17 09 54.4	63 25 38	48	0.0182	0.0019	17581.2	177.6	62.4	9.6	1.3	100	16.1	L	
3880	8926/2	17 09 55.2	71 00 40	41	0.00273	0.00042	54082.5	99.9	138.1	6.5	1.0	0	9.2	AH	S
3881	29/3	17 10 00.1	71 00 25												

17h10m01.7s — 17h33m19.9s

Number		Position			Intensity		Detection Params.					Flags			
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±	LIVE- TIME	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R (')	SRC	ID
3854	8672/1	17 10 01.7	64 14 55	59	*0.0076	0.0014	21104.9	49.8	38.2	5.3	4.8	1609	31.3	AH	
3855	7846/1	17 10 53.0	16 24 48	42	0.0179	0.0027	4637.1	52.3	10.7	6.6	1.0	0	12.1	H	
3856	8672/2	17 11 01.5	64 20 22	51	*0.0111	0.0013	21104.9	104.2	48.8	8.4	3.6	703	23.1	H	
3857	29/4	17 11 01.8	70 54 55	59	0.00143	0.00040	54082.5	44.9	111.1	3.6	1.0	0	16.0	H	*
3858	3670/3	17 11 42.0	70 55 20	52	0.00244	0.00055	43173.5	56.9	105.1	4.5	1.5	100	18.3	H	†
3859	7846/2	17 11 43.5	16 24 37	32	0.0320	0.0032	4637.1	110.5	14.5	9.9	1.2	0	0.4	H	S
3860	29/5	17 11 44.9	71 15 44	39	0.00397	0.00046	54082.5	141.4	123.6	8.7	5.5	0	10.6	H	Q
3861	8926/2	17 11 47.6	63 42 20	41	0.0064	0.0012	17581.2	80.2	77.8	5.1	1.1	0	5.8	L	
3862	29/6	17 12 01.2	71 11 49	38	0.00491	0.00050	54082.5	176.1	146.9	9.8	4.9	0	10.1	H	S
3863	3670/4	17 12 10.2	71 14 34	39	0.00533	0.00057	43173.5	160.3	129.7	9.4	2.2	0	7.8	H	*
3864	29/7	17 12 11.8	71 27 11	53	*0.00158	0.00041	54082.5	42.9	80.1	3.9	0.6	906	20.2	H	*
3865	29/8	17 12 14.3	70 53 37	55	0.00147	0.00041	54082.5	41.3	88.7	3.6	0.9	200	19.8	H	*
3866	4678/3	17 12 25.2	78 22 30	51	0.0074	0.0017	13114.1	52.2	42.8	4.3	1.2	0	18.5	AL	
3867	160/2	17 12 31.3	64 07 31	31	0.0149	0.0032	15287.4	166.0	576.0	4.6	13.8	0	2.6	AL	CLG
3868	8926/3	17 12 44.4	64 07 24	48	0.0148	0.0040	17581.2	97.7	286.3	3.7	10.3	300	29.7	AL	CLG
3869	7846/4	17 12 40.2	16 16 45	52	0.0074	0.0021	4637.1	20.2	12.8	3.5	0.7	0	15.7	AL	
3870	160/3	17 12 52.5	16 24 46	56	0.0093	0.0022	4637.1	24.8	9.2	4.3	0.8	0	16.9	AL	
3871	8672/3	17 12 56.0	64 24 19	51	*0.0091	0.0020	15287.4	80.0	55.0	4.4	86.1	803	16.2	AL	
3872	3670/5	17 13 02.6	64 25 05	47	*0.00340	0.00084	21104.9	41.8	65.2	4.0	0.6	703	14.8	AH	S
3873	29/9	17 13 12.4	71 10 58	38	0.00687	0.00064	43173.5	189.4	121.6	10.7	1.1	0	12.8	AH	
3874	8672/4	17 13 09.6	71 10 58	48	0.00758	0.00059	54082.5	238.8	111.2	12.8	3.3	200	15.4	AH	S
3875	6373/1	17 14 02.4	65 09 31	51	*0.0099	0.0015	21104.9	64.5	30.5	6.6	0.9	703	30.5	EH	
3876	8672/5	17 14 14.9	-63 00 36	55	0.0118	0.0033	3113.0	18.8	9.2	3.6	0.8	0	20.0	H	
3877	5597/1	17 14 25.2	64 45 22	38	0.0187	0.0013	21104.9	264.0	89.0	14.1	1.0	0	10.7	H	
3878	7481/1	17 15 58.5	-46 12 14	48	*0.0225	0.0040	10193.9	104.1	66.9	5.5	1.3	603	24.1	L	
3879	5599/1	17 16 19.0	17 50 16	45	0.0049	0.0013	7706.8	25.4	20.6	3.7	1.3	0	10.1	L	
3880	3007/1	17 16 19.1	-05 48 42	44	0.00290	0.00080	18010.2	31.3	43.7	3.6	1.1	0	14.0	H	
3881	3007/2	17 16 22.7	-36 02 27	37	0.0154	0.0035	2288.5	26.2	8.8	4.4	1.0	0	0.2	H	
3882	160/4	17 16 43.4	64 05 09	56	0.0112	0.0025	15287.4	58.8	48.2	4.4	2.2	300	29.7	L	
3883	5599/2	17 16 57.9	-06 01 31	42	0.00387	0.00084	18010.2	45.5	51.5	4.6	0.6	0	10.8	L	
3884	7481/2	17 17 00.4	17 48 07	32	0.0311	0.0025	7706.8	178.8	22.2	12.6	1.1	0	0.2	H	
3885	3007/2	17 17 11.4	-35 48 04	51	0.0206	0.0045	2288.5	26.0	7.0	4.5	1.6	0	17.6	H	
3886	8672/6	17 17 29.5	64 34 52	61	0.0045	0.0012	21104.9	35.1	47.9	3.9	0.9	500	29.3	H	
3887	4951/1	17 17 55.0	49 01 52	32	0.0712	0.0062	2643.5	140.5	8.5	11.5	1.0	0	0.2	H	AGN
3888	3091/1	17 17 55.0	26 32 50	48	0.1641	0.0099	2943.5	282.4	8.6	16.6	3.7	0	15.1	H	CLG
3889	3091/2	17 18 10.7	26 40 28	38	0.237	0.011	2943.5	474.9	9.1	21.6	2.6	0	8.2	H	
3890	4951/2	17 18 42.0	49 02 47	42	0.0172	0.0035	2643.5	31.5	8.5	5.0	0.8	0	7.7	H	
3891	6477/1	17 19 08.4	-19 46 10	48	0.0342	0.0040	7051.3	128.1	34.9	8.5	1.1	0	19.4	L	*
3892	7527/1	17 19 11.2	78 36 08	71	0.00370	0.00095	19097.2	44.8	42.2	3.8	0.3	0	13.0	L	
3893	10253/1	17 19 15.1	-23 56 01	60	0.0057	0.0016	10944.1	34.4	25.6	3.6	0.5	0	17.2	L	
3894	9017/1	17 19 24.3	32 39 24	42	0.0084	0.0019	5598.9	30.8	15.2	4.5	0.8	0	11.1	H	*
3895	3091/3	17 19 29.3	26 50 38	41	0.0249	0.0039	2943.5	46.9	8.1	6.3	1.0	0	12.5	H	
3896	9017/2	17 20 31.7	32 11 35	48	*0.0651	0.0076	5598.9	79.6	7.4	8.5	2.5	705	30.2	EH	
3897	2629/1	17 20 46.3	30 55 42	31	0.234	0.014	1559.5	272.6	5.4	16.3	1.3	0	0.9	H	SY
3898	6042/1	17 21 09.3	78 04 17	35	0.0252	0.0035	3373.7	61.5	13.5	7.1	3.1	0	4.2	AH	CLG
3899	7527/2	17 21 30.5	78 04 36	52	0.0153	0.0040	19097.2	54.0	55.0	3.7	4.0	700	40.6	AEL	CLG
3900	3130/1	17 21 12.0	-56 19 48	32	0.0208	0.0024	6140.7	95.0	26.0	8.6	1.0	0	0.6	H	
3901	3975/1	17 21 32.5	34 20 47	31	0.450	0.020	1545.4	517.1	4.9	22.6	1.3	0	0.2	H	Q
3902	6042/2	17 21 34.6	78 00 10	43	0.0109	0.0026	3373.7	25.7	12.3	4.2	6.9	0	7.0	H	
3903	7527/3	17 22 20.3	79 02 26	52	0.0061	0.0017	19097.2	42.9	49.1	3.5	1.3	0	29.2	L	
3904	6456/1	17 22 25.3	-48 32 46	43	0.0157	0.0036	2516.5	26.4	9.6	4.4	1.1	0	10.3	H	
3905	8483/1	17 22 48.8	-10 31 55	53	0.0119	0.0032	6957.6	31.9	20.1	3.5	1.2	0	27.1	L	
3906	6042/3	17 23 57.4	78 13 05	43	0.0122	0.0029	3373.7	24.4	9.6	4.2	1.1	0	15.0	L	
3907	9708/1	17 23 57.7	-05 02 34	32	0.0264	0.0042	3886.8	76.4	28.6	6.2	1.1	0	0.7	L	S
3908	1005/1	17 24 20.2	-30 45 40	48	*1.796	0.076	2665.4	2190.4	119.6	23.7	1.3	906	24.1	L	GLB
3909	2524/1	17 24 27.9	-26 15 52	42	0.0250	0.0049	1928.0	30.5	5.5	5.1	1.0	0	13.2	H	
3910	3130/2	17 24 33.4	-56 08 21	52	0.0169	0.0034	6140.7	35.8	15.2	5.0	1.2	0	30.7	H	
3911	2003/1	17 24 43.2	49 55 39	51	0.0058	0.0013	32197.8	72.3	98.7	4.3	2.0	0	27.3	L	
3912	7660/1	17 26 00.5	59 58 38	47	0.0222	0.0058	1421.1	19.3	5.7	3.9	0.8	0	14.3	L	
3913	2003/2	17 26 02.2	49 55 21	48	*0.0081	0.0022	32197.8	136.8	92.7	3.7	0.9	907	19.0	L	AGN
3914	2003/3	17 27 05.3	50 15 42	31	0.6610	0.0063	32197.8	15388.0	1665.0	104.2	1.3	0	3.8	AL	BL
3915	2004/1	17 27 03.3	50 15 28	31	0.480	0.019	2547.4	891.6	107.4	24.8	1.3	0	3.5	AL	BL
3916	9389/1	17 27 04.5	50 15 46	31	0.389	0.017	1937.1	549.8	5.2	23.3	1.4	0	3.9	AH	BL
3917	3796/1	17 27 24.7	-37 15 30	42	0.0211	0.0044	1927.1	27.4	5.6	4.8	1.1	0	9.0	H	
3918	2169/1	17 27 39.8	-21 26 28	31	2.681	0.050	2902.6	5770.8	2601.2	53.1	2.0	0	1.1	L	SNR
3919	3812/1	17 27 49.0	51 59 33	51	0.0471	0.0092	1466.8	29.5	3.5	5.1	1.0	0	24.6	H	
3920	3796/2	17 27 51.5	-37 11 29	43	0.0181	0.0044	1927.1	21.6	5.4	4.2	0.8	0	13.0	H	
3921	2003/4	17 27 54.1	49 58 45	51	0.00463	0.00089	32197.8	87.5	97.5	5.1	1.0	0	15.8	L	
3922	10611/1	17 28 33.4	06 30 49	42	0.0160	0.0034	5489.4	52.3	32.7	4.6	0.8	100	14.1	L	
3923	3222/1	17 28 39.9	-33 47 40	48	3.39	0.12	703.6	1224.5	112.5	29.0	1.5	500	20.6	L	GLB
3924	2003/5	17 28 58.1	50 11 57	56	0.00342	0.00086	32197.8	59.4	81.6	3.9	0.8	0	18.8	L	
3925	3812/2	17 29 18.7	52 20 31	32	0.108	0.010	1466.8	118.0	5.0	10.6	1.2	0	0.7	L	S
3926	7173/1	17 30 13.6	-13 02 45	32	0.0317	0.0040	4315.7	101.9	21.1	7.9	0.9	0	0.1	AL	Q
3927	3888/1	17 30 13.3	-13 02 52	35	0.0321	0.0048	2144.1	51.2	7.8	6.7	0.9	0	0.2	AH	Q
3928	10080/1	17 30 14.5	-13 02 41	32	0.0230	0.0033	4809.8	82.3	23.7	6.7	0.9	0	0.3	AH	Q
3929	3053/1	17 31 26.5	-32 32 50	31	0.177	0.011	1929.0	254.4	7.6	15.7	1.3	0	0.2	AH	Q
3930	2520/1	17 31 26.3	-32 32 23	48	0.084	0.011	3556.5	98.9	33.1	7.2	1.7	0	31.2	AH	*
3931	842/1	17 32 40.8	12 35 36	39	0.0196	0.0053	1110.5	16.2	2.8	3.7	1.4	0	1.2	H	S
3932	5605/1	17 33 09.0	-15 28 07	51	0.0179	0.0037	5649.0	45.1	16.9						

17h33m22.9s — 17h57m50.1s

Number		Position			Intensity		Detection Params.						Flags		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±	LIVE- TIME	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R (')	SRC	ID
3924	7849/1	17 33 22.9	-56 32 25	48	0.0473	0.0064	2919.3	80.6	11.4	7.2	0.9	0	15.4	L	
3925	2552/1	17 33 35.6	-34 00 56	51	0.0289	0.0062	2019.7	31.1	3.9	4.5	0.8	0	18.9	L	
3926	5605/2	17 34 43.9	-15 22 06	31	0.1370	0.0072	5649.0	576.7	117.3	18.9	1.3	0	0.0	L	S
3927	8833/1	17 34 47.6	64 07 51	47	0.037	0.010	670.4	15.5	3.5	3.5	0.8	0	13.4	L	
3928	7143/2	17 34 59.2	-13 12 57	48	0.0962	0.0050	18935.2	641.6	183.4	19.1	1.3	0	30.0	L	
3929	8594/1	17 36 05.2	65 04 36	36	0.0388	0.0077	1077.5	30.4	5.6	5.1	1.0	0	1.4	L	
3930	8812/1	17 36 45.5	68 22 39	55	*0.058	0.015	988.2	15.9	2.1	3.7	1.1	1008	33.4	AH	S
3931	7888/1	17 37 16.8	68 47 21	38	0.0845	0.0076	2542.5	131.1	7.9	11.1	1.3	0	14.4	AH	S
	5606/1	17 37 12.8	68 47 28	50	*0.076	0.010	1742.9	58.7	3.3	7.5	1.1	803	24.6	AH	S
	8844/1	17 37 13.2	68 47 05	41	0.123	0.016	744.9	63.1	2.9	7.8	1.4	0	8.4	AH	S
3932	7264/1	17 38 08.5	-12 10 56	51	0.0202	0.0040	4225.1	41.3	8.7	4.9	0.7	0	22.3	L	
3933	7264/2	17 39 06.0	-12 10 27	48	*0.126	0.013	4225.1	222.6	32.4	9.7	1.2	703	33.6	IL	
3934	7174/1	17 39 15.1	51 51 35	50	*0.0581	0.0082	1893.4	54.0	4.0	7.1	1.2	905	21.6	L	AGN
3935	2521/1	17 39 20.5	-28 43 05	39	0.0583	0.0088	2000.3	74.2	19.8	6.5	1.1	0	11.7	L	
3936	7174/2	17 39 30.4	52 13 01	36	0.0217	0.0045	1893.4	30.7	10.3	4.8	0.9	0	0.4	H	Q
3937	8803/1	17 39 52.1	67 12 37	43	0.0275	0.0062	1500.2	25.4	7.6	4.4	0.8	0	13.6	L	
3938	2516/1	17 40 42.1	-29 43 12	39	0.069	0.010	1697.9	78.5	24.5	6.5	1.4	0	8.7	L	
3939	8797/1	17 42 01.0	63 52 34	51	0.0253	0.0070	2180.4	32.2	21.8	3.5	1.2	0	15.9	L	
3940	6820/1	17 42 22.7	61 46 37	52	*0.0255	0.0068	1158.4	16.3	2.7	3.7	0.8	602	16.9	H	
3941	950/1	17 42 30.3	-28 58 57	31	0.0215	0.0030	9049.8	144.8	124.2	7.1	45.9	0	0.3	AL	*
	949/1	17 42 30.3	-28 59 07	32	0.0154	0.0039	5352.4	61.2	88.8	3.9	20.3	0	0.4	AL	*
3942	8772/1	17 42 53.1	66 08 34	56	0.0284	0.0077	1021.1	16.4	3.6	3.7	1.1	0	17.8	H	
3943	949/2	17 42 56.4	-29 29 07	48	*0.333	0.021	5352.4	812.0	350.5	16.0	2.2	703	30.4	AEIL	*
	950/2	17 42 53.4	-29 28 12	48	*0.197	0.016	9049.8	829.0	566.0	12.3	8.9	805	29.9	AEIL	*
3944	950/3	17 43 08.6	-28 42 43	51	0.0092	0.0025	9049.8	45.5	54.5	3.6	99.9	0	18.2	L	*
3945	4422/1	17 43 22.9	-28 18 02	52	*0.0141	0.0030	7904.5	29.8	11.2	4.6	1.5	703	35.6	L	
3946	950/4	17 43 26.1	-28 52 08	41	0.0105	0.0026	9049.8	57.7	77.3	3.9	80.6	0	14.2	L	S
3947	4422/2	17 44 30.6	27 44 52	32	0.0146	0.0017	7904.5	85.4	19.6	8.3	2.2	0	0.4	H	S
3948	5045/1	17 44 47.4	-26 33 01	48	*1.112	0.045	5609.0	6763.6	4918.4	24.5	1.8	1207	37.1	IL	*
3949	7611/1	17 44 48.9	20 46 25	50	0.0067	0.0012	33922.8	101.2	112.8	5.5	1.9	0	23.3	L	
3950	4422/3	17 45 16.2	27 47 48	41	0.0111	0.0017	7904.5	58.3	17.7	6.7	1.4	0	10.6	L	AGN
3951	7611/2	17 45 17.3	20 33 19	42	0.00458	0.00083	33922.8	93.9	97.1	5.4	0.8	0	13.6	H	
3952	8804/1	17 46 13.6	67 38 14	51	0.085	0.015	1067.8	34.1	2.9	5.6	1.1	300	28.0	L	
3953	7611/3	17 46 16.2	20 34 48	31	0.0260	0.0014	33922.8	657.4	217.6	18.9	1.2	0	0.2	L	
3954	6429/1	17 46 22.0	-20 50 04	52	0.0178	0.0039	4334.3	27.9	10.1	4.5	1.2	500	30.0	L	
3955	7611/4	17 46 38.6	20 47 57	56	0.00281	0.00074	33922.8	57.3	85.7	3.7	0.3	0	14.2	L	
3956	6429/2	17 46 39.1	-20 48 32	52	0.0215	0.0041	4334.3	34.4	8.6	5.3	4.7	0	29.1	H	
3957	2542/1	17 46 47.1	-32 25 05	32	0.098	0.010	1818.7	126.2	5.8	9.7	1.1	0	4.7	H	GLB
3958	6429/3	17 46 55.0	-20 48 20	54	0.0198	0.0041	4334.3	29.8	9.2	4.8	5.1	0	30.7	L	
3959	6429/4	17 47 05.2	-20 49 41	52	*0.0229	0.0047	4334.3	30.5	9.5	4.8	5.6	703	34.8	H	
3960	2630/1	17 47 18.7	68 37 32	39	0.0678	0.0073	2017.7	91.6	5.4	9.3	1.1	0	9.4	H	AGN
3961	6429/5	17 47 58.5	-20 33 13	48	0.202	0.012	4334.3	294.1	9.9	16.9	1.2	500	31.6	H	
3962	2720/1	17 48 50.7	70 16 56	54	0.0171	0.0046	1810.7	18.1	5.9	3.7	0.7	0	15.9	L	
3963	2630/2	17 48 53.4	68 42 53	36	0.0234	0.0043	2017.7	35.2	5.8	5.5	0.9	0	0.4	H	SY
3964	2720/2	17 49 04.1	70 06 46	39	0.0531	0.0067	1810.7	68.7	6.3	7.9	1.0	0	5.7	AH	
	8846/1	17 49 03.3	70 07 01	37	0.0338	0.0080	828.7	20.1	2.9	4.2	0.9	0	4.1	AH	
3965	3899/1	17 49 09.8	09 39 42	32	0.0634	0.0064	2209.3	104.5	6.5	9.9	1.2	0	0.2	AH	BL
	7175/1	17 49 11.2	09 39 31	38	0.0197	0.0053	1192.4	17.5	4.5	3.7	0.9	0	0.2	A	BL
3966	5319/1	17 49 27.5	-22 37 32	45	0.0095	0.0024	4995.5	32.9	16.1	3.8	0.3	0	7.9	L	
3967	7175/2	17 49 30.0	09 38 20	41	0.0534	0.0083	1192.4	45.1	3.9	6.4	1.2	0	5.1	AH	
	3899/2	17 49 28.8	09 38 42	36	0.0197	0.0039	2209.3	31.0	6.0	5.1	1.0	0	4.8	AH	
3968	5319/2	17 50 30.2	-22 18 41	56	0.0109	0.0028	4995.5	30.1	12.9	3.7	0.5	0	17.4	L	
3969	889/1	17 51 02.2	70 46 36	38	0.124	0.011	1596.7	127.7	4.3	11.1	1.3	0	12.4	AH	S
	8888/1	17 51 01.9	70 45 59	42	0.118	0.023	375.8	27.9	1.1	5.2	1.0	0	8.0	AH	S
3970	6428/1	17 51 10.3	-24 31 32	51	*0.0452	0.0077	1784.1	37.4	3.6	5.8	1.1	906	23.5	H	
3971	8888/2	17 52 22.3	70 36 16	42	0.115	0.021	375.8	31.7	1.3	5.5	1.1	0	5.7	H	
3972	2250/1	17 52 56.1	37 20 24	52	*0.0170	0.0043	2101.5	18.9	4.1	3.9	0.7	703	19.3	H	
3973	4952/1	17 53 34.1	18 30 07	43	0.0161	0.0038	2119.4	22.7	5.3	4.3	0.9	0	10.3	H	S
3974	10258/1	17 54 24.8	04 59 32	31	0.0563	0.0037	9535.0	400.7	106.3	15.2	1.2	0	0.3	AL	S
	4991/1	17 54 26.7	04 59 38	38	0.0260	0.0062	1100.6	21.3	4.7	4.2	0.9	0	0.6	AH	S
3975	8884/1	17 54 34.9	70 17 29	52	0.0348	0.0073	1490.4	27.3	5.7	4.8	0.9	500	18.3	H	
3977	6970/1	17 54 54.4	14 52 21	74	*0.0044	0.0011	14689.4	30.5	23.5	4.2	0.6	1609	21.2	L	
3978	8757/1	17 54 55.7	68 03 48	43	0.0291	0.0067	1067.5	22.2	3.8	4.4	1.6	0	6.1	H	
3979	8749/1	17 54 58.9	65 21 05	42	0.0393	0.0086	977.8	25.1	4.9	4.6	0.9	0	10.6	L	
3980	10258/2	17 55 11.9	05 04 03	49	0.0066	0.0016	9535.0	40.1	22.9	4.1	0.3	0	12.9	L	
3981	4409/1	17 55 28.7	04 27 43	39	0.0628	0.0069	2017.9	88.9	7.1	9.1	1.3	0	5.7	L	S
3982	6970/2	17 55 52.1	15 08 41	31	0.1526	0.0038	14689.4	1669.4	53.6	40.2	1.3	0	0.4	AH	S
	925/1	17 55 51.5	15 08 45	32	0.113	0.013	912.0	76.2	2.8	8.6	1.2	0	0.8	AH	S
3983	6970/3	17 56 29.2	15 04 00	44	0.00328	0.00090	14689.4	31.6	43.4	3.6	0.5	0	10.2	H	
3984	3224/1	17 56 31.9	22 08 52	32	0.0643	0.0068	1998.4	95.8	6.2	9.5	1.1	0	0.2	H	CV
3985	6970/4	17 56 33.0	15 29 49	56	*0.0049	0.0011	14689.4	34.7	24.3	4.5	0.8	1209	23.6	L	
3986	6970/5	17 56 53.1	14 51 52	48	*0.0218	0.0020	14689.4	145.5	33.5	10.9	1.0	905	22.5	L	
3987	10755/1	17 56 57.1	23 44 06	32	0.00716	0.00094	31952.4	170.8	162.2	7.5	0.9	0	0.4	AL	Q
	5129/1	17 56 55.1	23 44 18	36	0.0130	0.0026	3416.5	33.1	9.9	5.0	0.7	0	0.4	AH	Q
3988	10755/2	17 57 29.7	23 53 14	42	0.00366	0.00090	31952.4	75.3	136.7	4.0	0.7	0	12.1	L	
3989	10755/3	17 57 35.6	23 38 32	41	0.00385	0.00091	31952.4	81.7	150.3	4.2	0.7	0	10.5	L	
3990	6970/6	17 57 40.6	15 01 12	51	0.0133	0.0019	14689.4	71.7	30.3	7.1	1.4	600	27.5	L	
3991	8884/2	17 57 45.4	70 34 02	39	0.0793	0.0096	1490.4	74.1	5.9	8.3	1.1	0	13.0	H	
3992	10755/4	17 57 49.4	24 09 34	51	0.0064	0.0014	31952.4	77.7	107.3	4.5	1.2	0	28.4	L	
3993	10755/5	17 57 50.1	23 31 04	48	0.0083	0.0010	31952.4	145.6							

17^h58^m56.7^s — 18^h20^m52.7^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
3994	10755/6	17 58 56.7	23 39 57	48	0.0277	0.0020	31952.4	346.4	117.6	13.6	1.1	0	28.0	AL	
	5129/2	17 58 55.7	23 39 55	50	0.0456	0.0062	3416.5	59.4	6.6	7.3	1.2	0	27.9	AH	
3996	8570/1	18 00 26.7	68 36 15	55	0.085	0.021	535.4	17.8	1.2	4.1	0.0	0	26.4	EH	
3997	3124/1	18 00 35.0	-24 32 48	47	0.0120	0.0028	3800.3	29.3	5.7	4.2	0.6	0	11.6	L	
3998	3124/2	18 00 48.9	-24 21 44	31	0.0509	0.0061	3800.3	144.1	66.9	8.2	5.5	0	0.3	L	
3999	6419/1	18 01 04.1	-30 18 21	50	0.076	0.012	1311.5	57.5	7.5	6.1	1.0	0	16.1	L	
4000	2532/1	18 01 08.2	-29 52 13	43	0.0261	0.0061	1895.5	29.4	5.6	4.2	0.7	100	14.8	L	
4001	8756/1	18 01 48.2	66 38 17	43	0.0134	0.0034	2627.9	23.2	10.8	4.0	0.7	0	13.6	H	
4002	8793/1	18 02 01.8	64 15 31	55	0.0200	0.0053	1416.6	16.9	3.1	3.8	1.1	0	15.8	AH	
	8767/1	18 01 50.1	64 15 08	51	0.126	0.019	1766.4	46.2	3.8	6.5	1.3	500	38.5	AH	
4003	5069/1	18 02 21.0	-50 16 01	43	0.0127	0.0033	3557.9	29.6	12.4	3.7	0.8	0	10.7	L	
4004	3113/1	18 02 56.3	02 30 09	31	0.2208	0.0096	3293.2	542.6	13.4	23.0	1.8	0	0.4	L	S
4005	5069/2	18 03 05.7	-50 03 03	31	0.1093	0.0078	3557.9	281.2	30.8	14.0	1.2	0	4.4	L	S
4006	10433/1	18 03 18.2	21 41 59	51	0.0050	0.0013	20779.2	56.9	75.1	3.9	1.0	0	16.8	L	
4007	5121/1	18 03 35.9	78 28 13	32	0.0488	0.0045	2447.2	89.0	11.0	8.9	1.1	0	0.4	H	
4008	4265/1	18 03 38.8	67 38 05	31	0.0828	0.0040	7125.2	440.0	19.0	20.5	1.2	0	1.3	AH	AGN
	8778/1	18 03 37.2	67 37 52	51	0.091	0.013	1362.6	51.2	4.8	6.8	1.1	0	26.7	AH	AGN
	8780/1	18 03 39.6	67 38 13	38	0.1149	0.0092	2132.6	168.0	12.0	12.5	1.1	0	7.2	AH	AGN
4009	10433/2	18 03 42.9	21 26 24	31	0.5429	0.0073	20779.2	8390.6	1451.4	73.9	1.3	0	0.6	L	S
4010	5959/1	18 03 58.4	-21 21 19	51	0.0217	0.0049	4185.4	43.3	19.7	4.2	1.0	500	21.6	L	
4011	10433/3	18 04 20.7	21 28 13	42	0.0040	0.0011	20779.2	56.5	83.5	3.7	0.8	0	9.5	L	
4012	4265/2	18 04 22.9	67 53 27	52	0.0089	0.0018	7125.2	35.9	16.1	5.0	0.9	0	17.1	H	
4013	5213/1	18 04 51.1	-65 56 38	41	0.0492	0.0069	1914.0	56.6	6.4	7.1	1.0	0	13.8	H	
4014	6420/1	18 05 02.3	-43 36 60	42	0.0238	0.0051	1718.4	27.5	7.5	4.6	0.8	0	10.0	H	
4015	5689/1	18 05 06.1	69 37 25	51	*0.00533	0.00098	19709.0	58.9	59.1	5.4	0.8	703	16.2	H	
4016	9928/1	18 05 25.3	16 59 22	55	0.0055	0.0011	26940.6	49.9	51.1	5.0	1.1	500	28.5	EH	
4017	5689/2	18 05 51.1	70 05 49	52	*0.00516	0.00093	19709.0	54.4	41.6	5.6	0.7	1409	18.5		
4018	5689/3	18 06 01.6	69 44 57	41	0.00695	0.00097	19709.0	93.4	77.6	7.1	1.1	0	7.5	H	
4019	9928/2	18 06 19.7	16 39 35	57	0.00234	0.00064	26940.6	35.4	59.6	3.6	0.4	0	16.5		
4020	5689/4	18 06 32.7	69 39 50	42	0.00359	0.00086	19709.0	46.8	80.2	4.2	0.7	0	10.2		
4021	9911/1	18 06 56.9	09 07 56	36	0.0304	0.0052	1699.0	38.4	5.6	5.8	1.0	0	0.4	H	S
4022	9928/3	18 07 10.0	16 49 29	36	0.00259	0.00057	26940.6	51.3	77.7	4.5	1.2	0	1.9		
4023	5689/5	18 07 20.5	69 49 04	31	0.0750	0.0023	19709.0	1102.4	84.6	32.0	1.2	0	0.4	AH	BL
	8848/1	18 07 17.5	69 48 48	54	*0.068	0.015	1068.9	22.5	1.5	4.6	1.6	1307	32.6	AH	BL
	1967/1	18 07 18.5	69 49 13	41	0.088	0.011	1029.7	63.0	3.0	7.8	1.2	0	5.8	AH	BL
	8661/1	18 07 19.9	69 49 02	41	0.116	0.017	750.3	50.2	2.8	6.9	1.2	0	14.9	AH	BL
	9420/1	18 07 21.2	69 48 50	31	0.0679	0.0065	3264.9	165.1	25.9	10.3	1.1	0	0.5	AL	BL
	8662/1	18 07 21.6	69 48 55	51	*0.102	0.017	869.0	39.2	1.8	6.1	1.1	1108	24.9	AH	BL
4024	9928/4	18 07 25.6	16 59 04	48	0.00265	0.00073	26940.6	46.9	60.1	3.5	0.2	0	10.3	AH	L
4025	5121/2	18 07 49.8	78 46 17	51	*0.0234	0.0051	2447.2	27.0	7.0	4.6	0.8	601	22.3	L	
4026	9928/5	18 08 08.1	16 38 46	51	0.00288	0.00071	26940.6	45.8	80.2	4.1	1.7	0	15.7		
4027	10613/1	18 08 08.2	21 32 29	55	0.0058	0.0013	20639.3	56.2	52.8	4.2	0.7	100	21.8	L	
4028	3225/1	18 08 21.8	33 41 03	43	0.042	0.010	749.1	19.0	2.0	4.2	1.1	0	13.9	H	
4029	2902/1	18 08 34.5	-19 27 02	32	0.167	0.033	644.7	80.1	82.9	5.0	2.7	0	0.5	L	SNR
4030	3225/2	18 08 35.3	33 23 15	36	0.0432	0.0094	749.1	23.4	2.6	4.6	1.1	0	3.3	L	CV
4031	5689/6	18 08 39.9	69 47 48	43	0.00299	0.00080	19709.0	41.5	81.5	3.7	0.5	0	7.5	H	
4032	7278/1	18 08 50.8	-57 53 59	41	0.096	0.013	931.8	59.5	3.5	7.5	1.1	0	10.2	H	
4033	6421/1	18 09 12.9	-31 57 23	52	*0.0263	0.0071	1910.5	28.1	1.9	3.5	1.0	703	16.8	L	
4034	9928/6	18 09 14.0	16 45 03	59	0.00347	0.00089	26940.6	36.3	50.7	3.9	1.2	0	28.1	L	
4035	10613/2	18 09 54.6	21 27 03	36	0.0048	0.0010	20639.3	72.1	73.9	4.7	0.6	0	4.4	L	
4036	5689/7	18 10 04.1	69 36 34	59	0.00372	0.00093	19709.0	39.2	56.8	4.0	14.7	300	19.5		
4037	10613/3	18 10 08.5	21 52 18	48	0.0147	0.0017	20639.3	140.0	50.0	8.4	0.9	200	23.2	L	
4038	10613/4	18 10 11.3	21 22 01	42	0.0040	0.0011	20639.3	55.0	87.0	3.6	0.7	0	10.7	L	
4039	5689/8	18 10 22.2	69 40 15	48	0.0380	0.0020	19709.0	412.3	57.7	19.0	1.2	0	18.3	AH	S
	9420/2	18 10 19.9	69 40 09	50	*0.0328	0.0071	3264.9	60.3	20.7	4.5	1.1	603	18.2	AL	S
	1967/2	18 10 24.6	69 39 59	51	*0.090	0.014	1029.7	42.9	2.1	6.4	1.0	401	22.7	AH	S
4040	8420/1	18 10 53.6	11 38 44	42	0.0230	0.0053	1561.6	22.6	4.4	4.4	1.1	0	13.3	AH	
4041	5689/9	18 11 25.6	70 15 25	50	*0.0254	0.0025	19709.0	131.5	31.5	10.3	1.2	1609	33.8		
4042	7270/1	18 11 25.9	-11 57 54	56	*0.0142	0.0034	5296.8	24.8	10.2	4.2	1.7	703	32.2	H	
4043	5689/10	18 11 27.1	69 59 30	61	*0.0048	0.0010	19709.0	43.6	42.4	4.7	0.7	1008	23.9		
4044	5689/11	18 11 29.1	70 04 54	67	*0.0047	0.0012	19709.0	37.9	50.1	4.0	0.7	602	26.7	H	
4045	6924/1	18 12 19.3	-12 06 42	38	2.192	0.024	6832.6	10686.3	424.7	90.9	1.5	0	5.8	AL	
	4240/1	18 12 21.2	-12 06 24	48	*0.187	0.020	5218.8	480.2	191.8	9.2	2.1	906	32.1	AEIL	
4046	8420/2	18 12 33.4	11 45 11	44	0.0180	0.0049	1561.6	16.7	4.3	3.6	1.0	0	15.0		
4047	6924/2	18 12 51.0	-11 53 29	52	0.0092	0.0024	6832.6	34.8	22.2	3.7	283.7	0	17.3	L	S
4048	10776/1	18 13 42.2	64 23 11	43	0.052	0.013	552.9	17.6	1.4	4.0	1.2	0	12.5	L	S
4049	4240/2	18 14 44.2	-12 07 21	39	0.0167	0.0036	5218.8	56.4	43.6	4.5	1.7	0	11.8	L	
4050	5960/1	18 14 46.2	-11 49 07	51	0.0151	0.0038	7591.5	48.6	50.4	3.9	1.7	0	24.9	L	*
4051	9680/1	18 14 58.0	49 51 01	32	0.1047	0.0088	1871.8	145.9	5.1	11.9	1.2	0	0.2	L	S
4052	4240/3	18 15 16.9	-12 15 29	38	0.0489	0.0050	5218.8	160.2	39.8	9.7	1.2	0	13.2	L	
4053	5960/2	18 15 53.2	-12 07 48	51	0.0176	0.0042	7591.5	48.1	34.9	4.0	1.0	500	29.		

18^h21^m20.7^s — 18^h46^m10.2^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
4063	4910/3	18 21 20.7	23 12 20	51	*0.0157	0.0028	5552.9	35.5	5.5	5.6	1.0	1609	23.2		
4064	2233/3	18 21 33.4	-34 13 08	41	0.0313	0.0055	2766.1	54.5	14.5	5.5	1.2	0	12.2	L	S
4065	10422/1	18 21 37.7	10 31 23	51	0.0049	0.0014	11062.8	35.6	29.4	3.5	0.3	0	11.4	L	
4066	8822/1	18 21 40.1	64 19 11	38	0.552	0.030	960.0	331.3	2.7	18.1	1.3	0	13.5	AH	AGN
	8861/1	18 21 44.0	64 19 34	48	0.524	0.043	667.5	151.6	1.4	12.3	1.3	100	24.9	AH	AGN
	8667/1	18 21 44.1	64 19 40	48	0.494	0.036	981.5	185.8	2.2	13.5	1.5	0	26.1	AH	AGN
4067	10422/2	18 21 42.5	10 42 43	32	*0.0106	0.0017	11062.8	87.1	46.9	6.2	0.8	0	0.2	L	
4068	5193/1	18 22 01.7	72 42 23	36	0.0229	0.0043	2022.1	33.6	6.4	5.3	1.5	0	3.9	L	S
4069	5193/2	18 22 28.6	72 34 34	48	0.0135	0.0036	2022.1	18.4	5.6	3.8	1.0	0	9.7	L	
4070	7696/1	18 23 16.5	75 04 21	52	*0.0065	0.0012	19603.5	54.8	41.2	5.6	0.9	601	25.5	H	
4071	7193/1	18 23 19.0	56 49 32	36	0.0305	0.0060	1309.1	29.3	3.7	5.1	1.5	0	3.3	H	
4072	3226/1	18 23 26.4	18 16 03	36	0.0356	0.0062	1454.2	37.0	5.0	5.7	1.1	0	4.7	H	CV
4073	7696/2	18 24 31.2	74 17 23	62	0.0041	0.0011	19603.5	32.6	42.4	3.8	0.9	400	26.1	H	
4074	7696/3	18 24 49.2	74 49 10	43	0.00293	0.00078	19603.5	38.7	67.3	3.8	0.9	0	9.6	H	
4075	8667/2	18 24 58.2	64 48 52	48	0.281	0.023	981.5	152.0	3.0	12.2	1.2	0	18.7	AH	
	8820/1	18 25 01.5	64 48 37	50	0.232	0.030	673.3	60.5	1.5	7.7	1.4	0	27.1	AH	
	8819/1	18 25 03.7	64 49 00	55	*0.059	0.016	703.8	14.0	1.0	3.6	1.6	1007	28.6	A	
4076	7696/4	18 26 27.7	74 43 04	32	0.0109	0.0010	19603.5	158.7	67.3	10.6	3.5	0	1.3	H	
4077	5193/3	18 26 31.3	72 56 28	51	0.0385	0.0074	2022.1	30.3	3.7	5.2	1.1	0	28.0	H	
4078	9253/1	18 27 09.2	03 05 27	57	0.0061	0.0016	12330.3	24.7	15.3	3.9	1.4	0	32.7	H	
4079	7696/5	18 27 24.1	74 41 42	32	0.00734	0.00097	19603.5	104.3	85.7	7.6	5.1	0	4.2	H	
4080	5194/1	18 27 46.3	20 38 47	42	0.0085	0.0016	8149.1	43.2	20.8	5.4	1.0	0	12.9	H	
4081	9253/2	18 28 03.6	02 43 10	42	0.0067	0.0011	12330.3	56.7	30.3	6.1	1.0	0	9.1	H	
4082	487/1	18 28 14.8	48 42 44	32	0.0926	0.0086	1737.9	120.0	4.0	10.8	1.1	0	0.2	H	Q
4083	2673/1	18 28 52.2	-02 07 30	37	0.0292	0.0058	1343.2	29.0	4.0	5.0	1.8	0	1.5	L	S
4084	4927/1	18 28 54.4	-29 25 27	35	0.0220	0.0039	3415.2	55.8	17.2	5.5	0.9	0	0.9	L	
4085	4927/2	18 29 04.9	-29 13 34	42	0.0170	0.0038	3415.2	36.2	10.8	4.4	0.7	0	12.8	H	
4086	7696/6	18 29 27.5	74 31 30	51	0.00480	0.00095	19603.5	53.7	58.3	5.1	0.9	0	15.9	H	
4087	9253/3	18 29 47.5	02 12 50	48	*0.0613	0.0041	12330.3	232.0	13.0	14.8	1.5	703	31.5	H	
4088	7696/7	18 30 00.2	74 56 04	48	*0.0370	0.0020	19603.5	379.1	43.9	18.4	1.0	601	20.2	H	
4089	426/1	18 30 48.2	47 17 28	51	0.0125	0.0027	4130.5	27.8	7.2	4.7	0.8	0	17.9		
4090	1657/1	18 30 48.3	-10 36 24	31	0.3069	0.0092	4924.7	1127.2	17.8	33.3	1.4	0	0.2	H	SNR
4091	7687/1	18 30 59.7	-08 21 17	51	0.0091	0.0021	7071.8	30.0	16.0	4.4	0.8	0	22.4		
4092	1657/2	18 32 16.6	-11 01 16	49	*0.0574	0.0065	4924.7	86.6	8.4	8.9	1.5	603	32.7	H	
4093	7687/2	18 32 25.6	-08 12 07	43	0.0054	0.0014	7071.8	27.0	23.0	3.8	0.7	0	5.0	H	
4094	927/1	18 32 45.6	51 40 53	31	0.556	0.013	7210.5	2983.6	549.4	43.7	1.4	0	0.2	L	S
4095	4971/1	18 32 50.6	-23 49 22	39	0.0051	0.0013	21287.8	75.7	169.3	3.7	1.6	0	6.3	L	GLB
4096	8651/1	18 32 54.6	68 45 40	36	0.058	0.011	719.4	31.0	4.0	5.2	1.2	0	2.4	H	
4097	2650/1	18 33 12.8	32 39 17	31	0.487	0.023	1270.2	460.2	3.8	21.4	1.2	0	0.6	H	SY
4098	843/1	18 33 29.0	45 24 16	57	*0.0061	0.0017	5968.1	20.3	11.7	3.6	0.6	1007	16.3		
4099	927/2	18 33 29.8	51 14 58	57	0.0099	0.0027	7210.5	28.8	14.2	3.6	0.8	0	27.0	L	
4100	7687/3	18 33 34.4	-08 13 02	57	0.0054	0.0015	7071.8	22.0	16.0	3.6	1.2	0	16.8	H	
4101	7687/4	18 33 35.5	-08 07 51	56	0.0063	0.0016	7071.8	23.8	14.2	3.9	1.9	0	19.0	H	
4102	4609/1	18 33 38.7	-06 41 52	42	0.0066	0.0013	10388.8	43.3	24.7	5.2	1.6	0	12.8	H	
4103	8331/1	18 33 39.4	-06 49 20	48	0.0068	0.0014	20302.3	79.5	101.5	4.6	2.6	0	15.6	L	
4104	4971/2	18 33 44.5	-23 38 29	42	0.0042	0.0012	21287.8	58.3	99.7	3.6	0.9	0	11.3	L	GLB
4105	2650/2	18 33 57.0	32 28 57	42	0.0338	0.0069	1270.2	26.7	3.3	4.9	0.9	0	13.8	H	
4106	8331/2	18 34 23.2	-06 51 52	41	0.0058	0.0012	20302.3	74.9	77.1	4.8	0.8	0	11.8	L	
4107	426/2	18 34 28.2	47 19 42	55	*0.0100	0.0025	4130.5	20.5	5.5	4.0	0.8	1006	21.1		
4108	6329/1	18 35 22.2	17 20 51	52	0.00462	0.00097	19368.0	49.3	57.7	4.8	0.9	600	17.0	H	
4109	6580/1	18 35 22.4	-06 58 05	51	0.0132	0.0021	7290.2	51.0	14.0	6.3	0.9	0	19.3	H	*
4110	8331/3	18 35 34.4	-06 50 23	52	0.0052	0.0012	20302.3	56.4	61.6	4.1	0.7	0	19.1	L	
4111	6580/2	18 35 55.1	-06 53 40	57	0.0081	0.0022	7290.2	22.6	14.4	3.7	0.8	400	28.1	H	
4112	6329/2	18 36 12.6	17 08 58	35	0.00441	0.00082	19368.0	63.7	75.3	5.4	1.0	0	0.2	H	G
4113	6329/3	18 36 55.0	17 13 33	42	0.00466	0.00088	19368.0	59.3	64.7	5.3	0.9	0	11.3	A	
	2692/1	18 36 52.8	17 13 30	47	0.0187	0.0049	1342.4	16.5	2.5	3.8	0.9	0	10.2	AH	
4114	6581/1	18 36 57.9	-07 24 08	51	0.0108	0.0024	4780.3	29.7	15.3	4.4	0.9	0	15.6		
4115	10768/1	18 37 04.2	38 47 37	51	0.0228	0.0037	4140.5	45.2	9.8	6.1	0.9	200	21.8	H	
4116	6329/4	18 37 36.1	16 46 16	64	*0.0058	0.0013	19368.0	39.9	36.1	4.6	1.2	1609	30.4		
4117	843/2	18 37 50.0	45 37 43	55	0.0110	0.0029	5968.1	22.0	12.0	3.8	1.0	300	31.7	H	
4118	2674/1	18 38 41.3	-04 59 08	38	0.314	0.023	2163.1	430.0	252.0	13.6	2.1	0	11.9	L	SNR
4119	6105/1	18 39 02.6	-63 34 47	55	0.0050	0.0014	16954.2	37.8	33.2	3.6	0.7	0	23.6	L	
4120	5690/1	18 39 36.3	80 02 48	48	0.0395	0.0024	18884.8	303.4	42.6	16.3	1.4	0	26.0	L	
4121	7229/1	18 40 32.4	-13 03 09	58	0.0084	0.0023	11094.5	25.5	21.5	3.7	1.3	500	35.2	H	
4122	4960/1	18 41 39.6	55 29 36	37	0.0123	0.0030	2933.5	26.8	15.2	4.1	0.8	0	0.6	H	S
4123	4960/2	18 41 47.5	55 26 34	35	0.0218	0.0037	2933.5	46.4	15.6	5.9	1.1	0	3.0	H	
4124	6105/2	18 42 35.0	-63 22 56	31	0.0269	0.0021	16954.2	330.4	161.6	12.4	10.7	0	4.2	L	CLG
4125	2693/1	18 42 35.2	45 30 19	35	0.0455	0.0060	1906.0	64.6	8.4	7.6	1.7	0	0.2	H	L
4126	5621/1	18 42 54.4	20 36 04	42	0.0079	0.0018	10257.2	52.8	42.2	4.3	0.7	0	10.4	L	S
4127	3358/1	18 43 01.6	37 33 13	50	0.101	0.014	1310.3	57.6	3.4	7.4	1.1	0	23.9	H	
4128	5621/2	18 43 30.5	20 29 39	31	0.0663	0.0040	10257.2	506.8	164.2	16.6	1.3	0	0.4	L	S
4129	7462/1	18 43 49.1	-03 01 48	31	0.1309	0.0073	3419.5	331.7	10.3	17.9	1.4	0	1.2	L	SNR
4130	10621/1	18 43 51.7	07 06 25	48	0.0053	0.0014	8018.9	29.6	12.4	3.7	0.1	0	8.1	L	
4131	7462/2	18 44 10.4	-02 44 20	58	*0.0092	0.0026	3419.5	16.5	5.5	3.5	0.8	1109	19.4	L	
4132	6105/3	18 44 18.6	-63 19 34	48	0.0128	0.0016	16954.2	127.0	58.0	7.7	26.1	0	15.6	H	
4133	5690/2	18 44 31.4	80 03 30	57	*0.00297	0.00084	18884.8	27.4	32.6	3.5	0.3	1109	20.9	L	
4134	5690/3	18 44 40.2	79 50 02	43	0.00432	0.00085	18884.8	55.9	66.1	5.1	64.4	0	7.4	H	
4135	5061/1	18 45 34.6	52 56 02	33	0.0314	0.0040	2967.1	69.4	8.6	7.9	1.3	0	0.9	H	S
4136	5690/4	18 45 41.8	79 43 13	31	0.2246	0.0040	18884.8	3152.2	73.8	55.5	1.3	0	0.6	H	G
4137	5690/5	18 46 10.													

18^h46^m22.3^s — 19^h10^m06.8^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
4138	10113/1	18 46 22.3	00 31 41	31	0.644	0.010	10873.0	5219.3	292.7	62.8	1.2	0	0.2	AL	SNR
	1749/1	18 46 21.5	00 31 42	38	0.287	0.016	1742.3	345.2	5.8	18.4	1.0	0	8.2	AH	SNR
4139	7152/1	18 46 34.2	-78 57 17	51	0.0375	0.0071	1418.3	31.3	3.7	5.3	0.9	0	15.1	H	
4140	10311/1	18 46 46.2	-23 53 37	31	0.163	0.010	3627.7	440.5	118.5	15.9	1.3	0	0.5	L	S
4141	5690/6	18 47 03.8	79 46 41	42	0.00446	0.00086	18884.8	60.4	74.6	5.2	52.3	0	5.4	H	
4142	5690/7	18 47 16.5	79 35 46	43	0.00386	0.00085	18884.8	50.5	74.5	4.5	0.8	0	7.7	H	
4143	10113/2	18 47 24.1	00 31 22	51	0.0086	0.0017	10873.0	55.5	28.5	5.0	1.0	0	15.8	L	
4144	2234/1	18 47 26.2	33 29 30	42	0.0313	0.0051	2230.8	42.8	6.2	6.1	1.0	0	14.3	H	AGN
4145	2234/2	18 48 09.1	33 05 01	39	0.0516	0.0063	2230.8	72.9	7.1	8.1	1.1	0	11.8	H	S
4146	2234/3	18 48 12.9	33 18 10	41	0.0373	0.0052	2230.8	59.1	8.9	7.2	1.2	0	5.3	H	S
4147	2234/4	18 48 40.1	33 25 32	43	0.0167	0.0040	2230.8	22.6	6.4	4.2	0.8	0	14.2	H	
4148	5690/8	18 49 11.3	79 53 06	39	0.0139	0.0013	18884.8	162.5	58.5	10.9	1.1	0	13.6	H	S
4149	7152/2	18 49 12.0	-78 32 01	43	0.0210	0.0053	1418.3	18.7	3.3	4.0	1.0	0	13.2	H	
4150	3490/1	18 50 04.9	00 36 18	38	0.0860	0.0067	3274.7	173.6	10.4	12.8	4.0	0	13.4	H	
4151	997/1	18 50 20.7	-08 45 58	31	3.588	0.087	819.7	2193.8	86.2	41.2	1.2	0	0.1	L	GLB
4152	4946/1	18 50 29.8	59 19 44	37	0.0166	0.0034	2404.1	29.6	7.4	4.9	1.6	0	1.4	H	
4153	7152/3	18 51 00.1	-78 32 25	52	0.0220	0.0056	1418.3	17.8	3.2	3.9	0.8	0	16.9	H	
4154	6269/1	18 51 17.5	68 44 35	56	0.0168	0.0047	3159.0	18.2	7.8	3.6	1.1	100	29.2	H	
4155	6424/1	18 51 20.6	-30 45 09	56	0.0147	0.0041	2121.5	18.0	7.0	3.6	0.8	0	15.4	H	
4156	7468/1	18 51 36.6	15 46 16	55	*0.0090	0.0023	5671.0	21.8	9.2	3.9	0.8	1205	25.6	H	
4157	2298/1	18 51 37.0	33 06 26	42	0.0196	0.0046	1786.2	24.0	7.0	4.3	0.9	0	8.4	H	
4158	4946/2	18 52 14.2	59 16 02	47	0.0118	0.0033	2404.1	17.0	6.0	3.5	0.7	0	14.1	H	
4159	10312/1	18 52 23.4	07 57 37	59	*0.0117	0.0028	7384.1	37.9	11.6	4.0	0.9	601	24.7	L	
4160	10312/2	18 53 03.3	08 20 13	31	0.1595	0.0069	7384.1	878.1	216.9	22.8	1.4	0	0.3	L	S
4161	7468/2	18 53 06.4	15 24 49	41	0.0136	0.0021	5671.0	54.8	15.2	6.5	0.8	0	5.5	H	
4162	6269/2	18 53 09.1	68 20 04	40	0.0093	0.0027	3159.0	21.0	15.0	3.5	16.3	0	4.3	H	
4163	767/1	18 53 22.8	01 19 43	31	0.041	0.010	2829.4	82.7	164.3	4.1	27.0	0	5.0	H	
4164	7468/3	18 53 44.3	15 34 15	38	0.0899	0.0050	5671.0	329.7	12.3	17.8	1.2	0	11.7	AH	
	7467/1	18 53 44.0	15 34 41	48	0.0431	0.0039	9735.4	136.3	18.7	10.9	1.5	0	31.1	AH	
	7466/1	18 53 45.2	15 34 08	48	0.1221	0.0074	5997.6	285.9	13.1	16.5	1.3	0	28.0	AH	
4165	7468/4	18 53 48.5	15 18 13	51	0.0138	0.0023	5671.0	43.9	11.1	5.9	1.2	0	16.6	H	
4166	7467/2	18 54 06.4	16 11 05	55	0.0052	0.0013	9735.4	29.1	21.9	4.1	0.6	0	16.8	H	
4167	5986/1	18 54 07.6	04 12 16	41	0.0311	0.0041	3286.4	62.9	7.1	7.5	1.3	0	14.0	H	S
4168	7467/3	18 54 13.8	15 48 52	51	0.0059	0.0013	9735.4	33.2	19.8	4.6	0.7	0	15.7	H	
4169	6269/3	18 54 14.8	68 19 20	32	0.0580	0.0052	3159.0	135.0	14.0	11.1	2.5	0	3.1	H	CLG
4170	767/2	18 54 46.5	01 16 23	50	0.0407	0.0062	2829.4	67.0	13.0	6.4	1.1	0	16.3	L	S
4171	7467/4	18 55 25.9	16 06 23	45	0.0047	0.0012	9735.4	30.7	28.3	4.0	0.6	0	9.4	H	
4172	7467/5	18 55 39.9	16 17 58	55	*0.0057	0.0013	9735.4	28.4	14.6	4.3	0.8	906	20.5	H	
4173	891/1	18 56 00.5	33 48 00	47	0.0122	0.0033	2148.0	18.6	6.4	3.7	0.8	0	6.2	H	
4174	4512/1	18 56 41.8	-36 40 54	55	*0.0168	0.0044	2427.1	17.9	4.1	3.8	0.8	906	23.7	H	
4175	4512/2	18 57 44.1	-37 07 60	42	0.0178	0.0038	2427.1	30.2	11.8	4.7	0.9	0	7.4	H	
4176	4512/3	18 58 11.9	-37 04 47	41	0.0337	0.0048	2427.1	57.9	10.1	7.0	1.2	0	6.3	H	
4177	4512/4	18 58 19.4	-36 56 53	41	0.0393	0.0052	2427.1	66.1	9.9	7.6	1.0	0	7.9	H	
4178	4512/5	18 58 38.2	-37 11 45	50	0.0379	0.0055	2427.1	55.6	8.4	6.9	1.0	0	15.1	H	
4179	2675/1	18 59 07.5	01 22 10	48	*0.164	0.021	791.3	64.1	0.9	7.9	1.3	906	20.2	H	S
4180	7063/1	19 01 04.0	-64 06 54	57	*0.0042	0.0012	20546.1	30.0	42.0	3.5	0.7	603	29.9	H	
4181	7063/2	19 03 59.0	-63 53 12	41	*0.00437	0.00088	20546.1	61.1	89.9	5.0	0.7	0	9.4	H	
4182	5282/1	19 04 04.3	05 09 15	52	*0.0062	0.0016	15552.7	32.0	33.0	4.0	0.9	603	30.1	H	
4183	5282/2	19 04 54.4	05 08 38	48	0.0372	0.0023	15552.7	302.3	42.7	16.3	1.1	100	18.3	H	
4184	7063/3	19 05 18.5	-63 54 53	32	0.0129	0.0011	20546.1	196.2	99.8	11.4	1.5	0	1.5	H	G
4185	2273/1	19 05 45.9	43 56 38	32	0.1060	0.0093	1774.4	136.6	5.4	11.5	1.1	0	2.9	AH	CV
	2274/1	19 05 43.5	43 56 20	32	0.0452	0.0054	2370.9	78.2	7.8	8.4	0.9	0	3.3	AH	CV
4186	5282/3	19 05 45.9	04 52 43	40	0.0064	0.0011	15552.7	67.7	61.3	6.0	0.8	0	8.1	H	
4187	8441/1	19 05 54.7	69 01 58	47	0.0077	0.0020	5618.4	25.9	20.1	3.8	1.0	0	14.3	H	
4188	4622/1	19 06 18.5	43 58 42	38	0.0331	0.0025	8387.8	195.8	30.2	13.0	1.1	0	6.8	H	
4189	5196/1	19 06 22.9	16 46 26	45	0.0136	0.0033	2428.4	21.9	7.1	4.1	0.7	0	10.0	H	S
4190	4622/2	19 06 24.0	43 53 39	47	0.0054	0.0014	8387.8	31.9	15.1	3.8	0.0	0	7.4	L	
4191	7063/4	19 06 33.3	-64 21 34	54	0.0075	0.0013	20546.1	60.7	59.3	5.5	1.3	0	26.5	H	
4192	7063/5	19 06 48.1	-63 44 53	54	0.00345	0.00088	20546.1	41.8	71.2	3.9	0.9	0	15.3	H	
4193	7063/6	19 06 52.6	-63 39 52	51	0.0075	0.0011	20546.1	79.7	68.3	6.6	1.2	100	19.3	H	
4194	7063/7	19 07 00.8	-64 05 15	38	0.0150	0.0013	20546.1	182.5	67.5	11.5	2.2	0	14.4	AH	
4195	4948/1	19 07 15.2	52 20 46	31	0.788	0.030	1660.4	975.7	98.3	26.3	1.2	0	0.2	H	CV
	7486/1	19 07 15.0	52 20 52	48	*0.504	0.015	4922.2	1084.1	7.9	32.8	1.3	1006	23.7	AH	CV
	3227/1	19 07 15.0	52 20 49	31	0.614	0.026	1839.8	841.7	122.3	23.7	1.3	0	0.0	AH	CV
4196	8441/2	19 07 22.8	69 03 52	39	0.0211	0.0027	5618.4	80.8	26.2	7.8	1.0	0	7.8	H	
4197	7063/8	19 07 24.6	-63 50 44	52	*0.00366	0.00087	20546.1	44.1	66.9	4.2	0.6	603	15.1	H	
4198	7063/9	19 07 50.2	-64 07 06	51	0.0060	0.0011	20546.1	61.9	71.1	5.4	1.0	200	19.9	H	
4199	7176/1	19 08 13.4	-20 11 42	42	0.0768	0.0087	1917.2	109.6	10.4	8.7	1.0	0	0.5	H	
4200	2678/1	19 08 22.0	09 11 23	42	0.0305	0.0061	1555.6	29.3	5.7	5.0	0.9	0	12.6	L	*
4201	4623/1	19 08 26.9	05 03 53	51	0.0061	0.0014	16512.7	58.6	52.4	4.4	1.2	0	16.5	L	
4202	8441/3	19 08 31.3	68 58 34	35	0.0181	0.0024	5618.4	75.6	26.4	7.5	1.7	0	0.2	H	

19^h10^m26.3^s — 19^h39^m35.5^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
4208	7486/2	19 10 26.3	52 00 30	41	0.0134	0.0024	4922.2	42.9	18.1	5.5	0.9	0	11.9	H	*
4209	5626/1	19 10 32.7	67 36 22	38	0.0274	0.0022	10854.1	194.4	39.6	12.7	1.4	0	11.4	H	*
4210	10193/2	19 11 39.5	04 52 39	38	0.0113	0.0022	12606.2	94.7	117.3	5.1	12.8	0	10.0	L	H
4211	1272/1	19 12 21.3	10 38 20	51	*0.0141	0.0023	5923.9	48.6	16.4	6.0	0.9	602	15.1	H	S
4212	5626/2	19 12 32.3	67 19 11	51	0.0084	0.0016	10854.1	53.0	42.0	5.4	1.1	0	15.9	H	*
4213	10687/1	19 12 32.7	19 13 36	48	*0.0643	0.0074	8742.8	212.9	63.1	8.7	1.4	804	29.6	EIL	S
4214	1272/2	19 12 33.8	10 31 16	51	*0.0150	0.0025	5923.9	45.4	10.6	6.1	1.0	906	19.2	H	*
4215	5626/3	19 14 18.1	67 49 11	52	0.0050	0.0014	10854.1	29.6	35.4	3.7	0.6	400	17.4	H	H
4216	4408/1	19 14 28.8	05 05 07	35	0.0171	0.0024	5040.3	64.1	16.9	7.1	1.3	0	0.7	H	S
4217	10687/2	19 14 40.2	19 10 15	52	0.0083	0.0020	8742.8	42.1	28.9	4.0	0.9	0	15.9	L	*
4218	7331/1	19 15 02.6	22 44 05	52	0.0063	0.0014	11973.6	32.9	21.1	4.5	0.7	0	24.0	H	*
4219	10687/3	19 15 04.3	19 27 07	43	0.0082	0.0017	8742.8	48.8	26.2	4.6	0.5	0	9.2	L	H
4220	7331/2	19 15 33.9	22 21 11	36	0.0053	0.0010	11973.6	47.6	32.4	5.3	0.8	0	0.7	H	S
4221	4408/2	19 15 55.5	05 02 18	51	0.0184	0.0031	5040.3	43.5	9.5	6.0	1.0	400	22.0	H	S
4222	8730/1	19 16 07.5	-05 19 50	31	6.150	0.039	7410.5	32870.2	1583.8	158.6	1.4	0	4.7	AL	*
	5197/1	19 16 08.4	-05 19 44	48	*2.724	0.093	3773.6	3998.5	786.5	29.2	1.3	1006	28.1	AL	*
4223	10706/1	19 16 20.0	-00 09 46	51	0.0165	0.0033	7959.3	59.8	37.2	4.9	1.3	0	22.8	L	S
4224	5626/4	19 16 30.9	67 35 30	56	0.0062	0.0016	10854.1	30.9	32.1	3.9	0.8	100	22.8	H	S
4225	7744/1	19 16 28.8	07 30 59	32	0.0740	0.0079	1639.6	90.3	3.7	9.3	1.2	0	0.4	H	S
4226	9653/1	19 16 55.8	-58 45 52	31	0.933	0.043	1106.0	769.4	171.6	21.6	1.5	0	0.2	L	SY
4227	1198/1	19 16 56.3	15 19 37	51	0.0136	0.0030	3556.4	27.2	8.8	4.5	0.9	200	16.2	H	*
4228	5321/1	19 16 59.7	06 23 26	51	0.0244	0.0045	3313.3	34.9	7.1	5.4	1.1	500	25.6	H	S
4229	7331/3	19 17 34.5	22 22 56	56	0.0061	0.0015	11973.6	28.2	22.8	3.9	0.9	0	28.2	H	*
4230	5197/2	19 17 53.7	-05 30 24	32	0.0279	0.0041	3773.6	78.3	21.7	6.6	1.1	0	0.3	AL	H
	8730/2	19 17 53.9	-05 30 39	48	*0.0382	0.0058	7410.5	120.5	37.0	6.5	1.3	703	24.7	AL	S
4231	8681/1	19 18 41.2	18 57 35	50	0.0524	0.0070	4038.8	64.1	9.9	7.5	1.1	500	32.4	H	S
4232	8681/2	19 19 04.8	19 34 26	54	*0.0140	0.0032	4038.8	26.0	9.0	4.4	0.8	1309	22.3	H	*
4233	3757/1	19 19 19.5	04 27 08	43	0.0291	0.0071	936.9	18.7	2.3	4.1	1.1	0	7.3	AH	H
	2175/1	19 19 19.5	04 26 50	51	*0.0477	0.0088	1480.0	31.5	2.5	5.4	1.0	803	24.5	AH	S
4234	3456/1	19 19 39.7	43 51 00	38	0.109	0.010	6360.0	498.7	844.3	10.7	10.9	0	5.1	AL	CLG
4235	4617/1	19 19 54.5	48 00 15	47	0.0113	0.0030	2425.0	18.5	6.5	3.7	1.0	0	8.9	H	*
4236	4912/1	19 20 18.3	09 45 09	48	0.0485	0.0048	5526.9	113.8	11.2	10.2	2.1	300	25.9	H	S
4237	4912/2	19 20 25.6	09 49 05	48	*0.0366	0.0040	5526.9	92.3	8.7	9.2	2.7	1009	23.9	H	*
4238	4911/1	19 20 26.0	29 44 39	52	0.0106	0.0026	4418.2	23.0	10.0	4.0	0.8	0	22.3	H	H
4239	7892/1	19 20 39.9	-00 53 51	42	0.0199	0.0045	1845.6	24.9	6.1	4.5	1.0	0	9.1	H	H
4240	4617/2	19 20 58.6	48 30 52	51	0.0290	0.0061	2425.0	26.2	3.8	4.8	1.1	100	29.2	H	H
4241	2176/1	19 21 04.2	13 57 59	49	0.0147	0.0036	2167.4	22.5	8.5	4.0	2.0	0	5.9	H	H
4242	1197/1	19 21 06.8	15 01 25	38	0.0264	0.0025	6952.8	129.4	23.6	10.5	1.0	0	5.8	H	S
4243	4913/1	19 21 15.4	50 32 44	55	*0.0130	0.0034	4451.9	19.7	7.3	3.8	0.9	501	30.8	H	H
4244	3456/2	19 21 35.2	43 35 22	51	0.0241	0.0046	6360.0	53.7	21.3	5.1	1.1	0	30.8	L	*
4245	3893/1	19 21 42.6	-29 20 10	32	0.111	0.011	1641.3	135.9	10.1	9.9	1.1	0	0.3	AL	BL
	3891/1	19 21 41.3	-29 20 19	32	0.087	0.011	1525.8	98.9	19.1	7.8	1.1	0	0.2	AL	BL
	3890/1	19 21 41.7	-29 20 17	32	0.110	0.011	1637.5	134.2	10.8	9.8	1.1	0	0.1	AL	BL
	3892/1	19 21 43.2	-29 20 21	32	0.105	0.011	1663.6	130.5	19.5	9.2	1.1	0	0.3	AL	BL
4246	10268/1	19 21 59.9	13 38 07	38	0.0310	0.0029	8987.7	188.6	44.4	10.6	1.2	0	8.8	L	*
4247	8682/1	19 23 12.0	20 10 33	41	0.0142	0.0030	5776.5	52.1	29.9	4.7	1.1	0	12.8	L	S
4248	4913/2	19 23 44.8	50 37 14	51	0.0252	0.0044	4451.9	41.1	9.9	5.8	1.2	0	29.4	H	H
4249	10268/2	19 23 53.6	14 05 29	51	0.0190	0.0034	8987.7	59.0	22.0	5.4	1.3	0	30.9	AL	S
	1199/1	19 23 50.6	14 05 51	48	*0.0424	0.0042	6709.4	113.3	14.7	10.0	1.1	906	27.0	AH	S
	10267/1	19 23 50.7	14 06 06	51	*0.0273	0.0059	5648.5	55.0	23.7	4.6	1.6	501	32.0	AL	S
4250	8680/1	19 26 04.7	19 27 30	51	0.0122	0.0028	5499.8	38.0	17.0	4.2	0.8	100	17.0	L	*
4251	5905/1	19 26 42.8	18 11 01	40	0.0154	0.0020	8099.5	74.9	19.1	7.7	0.9	0	14.1	H	H
4252	4065/1	19 27 11.8	-22 04 29	43	0.0271	0.0064	1157.3	21.4	4.6	4.2	1.0	0	9.7	H	H
4253	5905/2	19 27 32.0	18 05 26	50	*0.0152	0.0021	8099.5	67.5	15.5	7.4	1.5	501	17.9	H	*
4254	5905/3	19 28 00.2	18 25 50	42	0.0053	0.0013	8099.5	28.1	18.9	4.1	0.9	0	11.2	H	H
4255	5905/4	19 28 08.6	18 14 29	48	0.0050	0.0014	8099.5	24.1	19.9	3.6	1.4	0	15.0	H	H
4256	5923/1	19 28 10.3	10 42 09	48	0.0237	0.0024	12810.9	118.0	28.0	9.8	2.3	0	26.6	H	*
4257	5923/2	19 28 17.3	10 55 23	51	0.0069	0.0014	12810.9	39.7	28.3	4.8	1.2	200	22.9	H	H
4258	5905/5	19 28 18.3	18 46 23	54	*0.0094	0.0020	8099.5	29.6	11.4	4.6	1.2	1108	28.0	H	H
4259	3172/1	19 28 25.1	31 23 34	48	*0.0389	0.0055	7613.6	160.7	49.9	6.9	1.6	804	18.3	L	*
4260	5923/3	19 28 45.3	10 30 52	55	0.0070	0.0016	12810.9	34.8	31.2	4.3	1.2	700	27.0	H	H
4261	5923/4	19 29 45.1	10 57 58	42	0.0048	0.0010	12810.9	43.3	42.7	4.7	1.0	0	5.0	H	H
4262	5923/5	19 29 51.9	10 53 11	37	0.00336	0.00090	12810.9	32.1	41.9	3.7	0.7	0	0.6	L	CV
4263	3228/1	19 30 10.2	55 37 37	37	0.076	0.018	414.7	23.5	0.5	4.2	0.8	0	0.2	L	CV
4264	5923/6	19 30 20.9	10 32 17	52	*0.0052	0.0012	12810.9	32.3	23.7	4.3	0.7	1008	21.9	H	*
4265	5923/7	19 30 41.5	11 02 08	50	0.0094	0.0013	12810.9	71.5	33.5	7.0	1.0	0	15.7	H	*
4266	5632/1	19 32 18.4	49 56 15	52	0.0341	0.0071	2096.4	27.1	4.9	4.8	1.1	300	28.8	H	S
4267	5631/1	19 32 33.1	69 33 34	34	0.0449	0.0054	2414.0	79.8	11.2	8.4	1.2	0	1.8	H	H
4268	5175/1	19 34 32.5	20 52 50	56	*0.00328	0.00058	40601.5	66.9	72.1	5.7	0.8	906	20.5	H	H
4269	5632/2	19 35 07.3	50 06 42	32	0.0575	0.0063	2096.4	89.7	8.3	9.1	1.3	0	0.4	H	S
4270	5175/2	19 35 18.7	21 14 36	35	0.00189	0.00047	40601.5	55.3	136.7	4.0	0.7	0	4.7	H	*
4271	5175/3	19 35 21.7	20 56 14	42	0.00209	0.00052	40601.5	51.2	108.8	4.0	0.7	0	13.7	H	*
4272	5175/4	19 36 10.7	21 11 04	47	0.00236	0.00048	40601.5	60.9	94.1	4.9	0.7	0	11.9	H	*
4273	5631/2	19 36 23.1	69 43 29	52	0.0158	0.0045	2414.0	18.0	8.0	3.5	0.7	100	21.9	L	CV
4274	2275/1	19 36 41.4	30 23 38	32	0.0907	0.0093	1974.2	129.9	11.1	9.6	1.0	0	4.0	L	CV
4275	2275/2	19 37 04.3	30 27 40	37	0.0215	0.0052	1974.2	30.9	10.1	4.0	0.8	0	3.8	L	CV
4276	5175/5	19 37 07.1	21 01 13	48	0.01082	0.00099	40601.5	174.1	77.9	11.0	1.1	0	26.6	H	H
4277	7335/1	19 37 33.1	13 58 09	55	*0.0066	0.0015	9970.1	28.5	14.5	4.3	0.7	602	24.2	H	H
4278	7220/1	19 38 02.1	21 32 40	32	0.0231	0.0027	9410.2	161.4	83.6	8.5	1.1	0			

19^h39^m43.0^s — 20^h16^m42.5^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
4280	9713/1	19 39 43.0	16 37 37	31	0.0700	0.0043	8839.3	456.3	116.7	16.3	1.3	0	1.3	AL	S
	5275/1	19 39 39.9	16 37 32	48	0.1122	0.0062	5387.7	334.4	10.6	18.0	1.1	100	18.1	AH	S
	3318/1	19 39 42.7	16 37 40	32	0.131	0.017	661.1	64.7	2.3	7.9	1.2	0	0.2	AH	S
4281	354/2	19 39 56.3	-10 26 33	31	0.0573	0.0017	26650.1	1135.9	67.1	32.8	1.2	0	0.8	H	SY
4282	3919/1	19 40 25.8	50 28 21	40	0.0095	0.0027	2741.4	19.2	10.8	3.5	1.6	0	0.4	H	G
4283	354/3	19 40 27.0	-10 48 22	122	*0.00315	0.00070	26650.1	39.8	37.2	4.5	1.0	1008	22.7	H	S
4284	354/4	19 40 34.3	-10 01 22	64	0.00329	0.00085	26650.1	34.0	44.0	3.8	1.7	0	27.6	H	H
4285	354/5	19 40 58.9	-10 29 39	48	0.00680	0.00083	26650.1	105.8	60.2	8.2	1.0	0	16.3	H	H
4286	1765/1	19 42 17.8	23 34 26	47	0.0073	0.0018	5714.3	26.0	17.0	4.0	1.0	0	13.6	H	H
4287	4504/1	19 42 46.1	-14 35 11	51	*0.067	0.013	1237.7	27.1	1.9	5.0	1.1	602	31.0	H	H
4288	5633/1	19 43 25.5	45 00 50	40	0.0139	0.0035	2137.4	22.1	8.9	4.0	1.3	0	0.4	AH	S
	4403/1	19 43 27.7	45 00 20	55	0.0160	0.0045	1630.9	15.6	3.4	3.6	0.9	0	15.5	AH	S
4289	3185/1	19 44 02.6	-42 24 43	48	*0.0511	0.0059	2952.9	82.8	7.2	8.7	1.0	906	17.7	H	H
4290	3185/2	19 44 11.8	-42 08 01	32	0.0691	0.0059	2952.9	149.6	11.4	11.8	1.1	0	2.5	H	CV
4291	3279/1	19 47 01.2	29 45 25	51	0.119	0.019	950.5	42.2	1.8	6.4	1.3	0	28.7	H	H
4292	1751/1	19 47 53.8	26 58 12	57	*0.0241	0.0065	2485.8	16.9	4.1	3.7	1.5	905	34.8	H	H
4293	844/1	19 48 12.8	08 47 08	32	0.0132	0.0015	10415.4	99.1	35.9	8.5	3.0	0	3.8	H	S
4294	844/2	19 48 22.0	08 44 14	32	0.0195	0.0017	10415.4	151.6	32.4	11.2	2.6	0	1.3	H	S
4295	844/3	19 48 48.9	08 35 01	38	0.0626	0.0031	10415.4	426.1	28.9	20.0	1.2	0	11.4	H	S
4296	4928/1	19 51 01.5	77 36 49	32	0.0943	0.0080	2069.0	145.2	7.8	11.7	1.2	0	0.4	H	CV
4297	781/1	19 51 02.8	32 44 53	32	0.107	0.012	1545.1	123.2	17.8	9.0	1.5	0	0.6	AL	SNR
	4232/1	19 50 58.9	32 45 12	55	*0.0305	0.0079	2184.6	17.3	2.7	3.9	1.3	906	29.8	AEH	SNR
4298	4406/1	19 52 15.5	44 16 46	37	0.0134	0.0031	2403.9	23.8	6.2	4.3	1.2	0	1.3	H	L
4299	1804/1	19 52 53.3	-68 54 32	55	0.0116	0.0028	8298.2	41.4	25.6	4.1	1.0	0	25.6	L	L
4300	1804/2	19 53 55.5	-69 16 49	47	0.0067	0.0018	8298.2	38.2	29.8	3.7	0.3	0	8.4	L	L
4301	3289/1	19 54 57.8	-35 19 22	51	*0.0108	0.0024	5152.5	30.2	12.8	4.6	0.8	1006	18.6	H	H
4302	3320/1	19 55 21.4	39 41 12	38	0.0159	0.0038	2004.2	23.6	8.4	4.2	0.9	0	0.6	H	S
4303	3289/2	19 55 48.2	-35 42 32	48	*0.0479	0.0044	5152.5	130.7	13.3	10.9	1.0	603	18.8	H	H
4304	3289/3	19 55 56.9	-35 03 07	49	*0.0337	0.0040	5152.5	82.1	11.9	8.5	2.5	805	22.9	H	H
4305	3289/4	19 55 59.3	-35 16 08	40	0.0212	0.0027	5152.5	72.9	16.1	7.7	1.0	0	10.2	H	H
4306	3369/1	19 56 28.2	35 03 58	38	12.95	0.13	1610.8	13379.3	860.7	100.0	1.5	0	11.4	L	L
4307	3289/5	19 56 49.8	-35 04 39	57	*0.0071	0.0020	5152.5	18.2	7.8	3.6	0.6	1609	21.1	L	L
4308	3027/1	19 57 27.1	22 35 30	36	0.0228	0.0043	1994.3	33.7	6.3	5.3	1.4	0	0.9	L	L
4309	1807/1	19 57 45.2	40 35 51	38	0.296	0.014	4283.2	884.8	412.2	20.6	3.7	0	7.5	L	L
4310	1717/1	19 58 05.9	-17 57 23	35	0.0271	0.0049	2779.5	56.1	18.9	5.4	1.0	0	0.6	L	L
4311	3027/2	19 58 31.6	22 34 27	52	*0.0192	0.0044	1994.3	22.1	3.9	4.3	1.1	803	15.6	L	L
4312	1717/2	19 59 06.8	-18 10 21	51	0.0271	0.0056	2779.5	39.0	10.0	4.7	0.9	0	20.1	L	L
4313	3321/1	20 00 23.0	-55 52 12	36	0.0192	0.0041	1915.0	27.4	6.6	4.7	0.9	0	0.4	H	S
4314	7658/1	20 00 38.5	22 19 58	51	0.0212	0.0042	5885.3	59.0	30.0	4.9	0.9	500	21.6	L	L
4315	5071/1	20 01 42.9	31 54 07	48	0.0518	0.0055	3091.3	94.3	7.7	9.3	1.0	0	16.0	AH	L
	4541/1	20 01 42.1	31 54 11	48	0.0502	0.0062	2500.8	73.3	7.7	8.1	1.0	0	15.5	AH	L
4316	7658/2	20 01 46.3	22 40 11	48	0.0679	0.0066	5885.3	176.2	44.8	10.1	1.2	0	23.8	L	L
4317	5993/1	20 03 20.6	38 19 52	32	0.0539	0.0082	2098.5	84.2	34.8	6.4	1.6	0	0.3	L	L
4318	7658/3	20 03 30.9	22 31 36	48	*0.513	0.032	5885.3	1383.2	467.8	16.1	1.5	906	23.6	L	CV
4319	7657/1	20 03 48.7	22 31 48	48	*0.0229	0.0049	11935.8	109.7	110.8	4.7	1.8	703	28.9	EIL	CV
4320	5122/1	20 04 30.9	77 45 12	43	0.0095	0.0027	3116.4	20.3	12.7	3.5	0.7	0	9.1	L	L
4321	7876/1	20 05 09.0	18 00 49	56	0.0072	0.0020	8794.4	24.2	20.8	3.6	1.0	0	28.2	H	H
4322	7876/2	20 05 21.0	17 33 36	31	0.0997	0.0040	8794.4	653.2	25.8	25.1	1.2	0	1.3	AH	CV
	3508/1	20 05 21.1	17 33 43	31	0.1298	0.0071	3537.7	341.7	11.3	18.2	1.2	0	0.8	AH	CV
	2277/1	20 05 21.9	17 33 24	31	0.1458	0.0079	3228.2	351.2	7.8	18.5	1.2	0	0.9	AH	CV
4323	2277/2	20 06 28.3	17 13 26	56	0.0127	0.0035	3228.2	17.2	4.8	3.7	0.9	400	26.3	H	H
4324	8972/1	20 06 34.1	55 26 45	43	0.0133	0.0033	2704.7	24.3	11.7	4.1	0.9	0	9.5	H	H
4325	5122/2	20 07 20.0	77 44 07	32	0.0380	0.0043	3116.4	88.2	13.8	8.7	1.0	0	0.2	H	BL
4326	5735/1	20 07 28.5	-56 53 10	38	0.0429	0.0055	6248.7	166.8	137.2	7.7	31.8	0	13.7	L	L
4327	3137/1	20 07 40.9	35 49 18	48	0.0294	0.0082	874.8	15.1	2.9	3.6	0.8	0	14.8	H	H
4328	3115/1	20 07 54.3	-36 22 06	39	0.0532	0.0061	2330.0	85.1	8.9	8.8	1.0	0	8.1	H	H
4329	5735/2	20 07 57.0	-57 14 13	48	0.0926	0.0067	6248.7	299.9	58.1	13.7	23.5	0	19.7	L	L
4330	5046/1	20 08 21.8	36 01 40	54	0.0074	0.0016	9545.1	36.7	27.3	4.6	0.8	0	20.2	L	L
4331	5735/3	20 08 27.4	-56 58 50	38	0.0382	0.0070	6248.7	170.3	422.7	5.4	18.0	0	5.6	L	L
4332	1858/1	20 08 40.6	-70 40 18	57	0.0089	0.0025	6609.4	21.3	14.7	3.5	1.2	0	30.0	H	H
4333	5122/3	20 09 15.8	77 41 14	47	0.0095	0.0027	3116.4	20.5	12.5	3.6	0.7	0	7.1	H	H
4334	5046/2	20 09 16.7	36 26 10	55	*0.0062	0.0017	9545.1	26.0	27.0	3.6	0.8	703	24.9	H	H
4335	827/1	20 09 37.8	38 14 56	42	0.0058	0.0012	10756.8	42.5	32.5	4.9	1.9	0	7.5	H	S
4336	7745/1	20 10 31.5	46 19 58	48	0.584	0.026	1896.4	515.6	3.4	22.6	1.2	200	21.7	H	S
4337	827/2	20 10 43.2	38 15 52	43	0.0046	0.0011	10756.8	34.9	34.1	4.2	0.8	0	7.1	H	H
4338	827/3	20 10 51.6	38 00 50	43	0.0045	0.0012	10756.8	30.3	32.7	3.8	0.7	0	13.6	H	H
4339	5735/4	20 10 53.9	-57 07 28	50	*0.0255	0.0045	6248.7	84.4	42.7	5.4	1.9	501	18.0	L	L
4340	1858/2	20 11 44.3	-70 55 13	42	0.0087	0.0018	6609.4	39.3	27.7	4.8	1.4	0	8.7	H	H
4341	2679/1	20 12 18.3	23 25 51	35	0.0339	0.0049	2149.8	54.3	6.7	7.0	1.0	0	0.2	H	G
4342	1858/3	20 13 08.0	-71 00 33	32	0.0218	0.0024	6609.4	107.4	29.6	9.2	1.4	0	0.6	H	G
4343	3495/1	20 13 45.9	37 02 11	39	0.0241	0.0029	5169.6	88.1	22.9	8.4	2.0	0	5.7	H	*
4344	3495/2	20 13 46.5	36 55 29	42	0.0117	0.0023	5169.6	40.5	21.5	5.1	0.7	0	9.4	H	*
4345	3495/3	20 14 13.2	37 03 15	37	0.0108	0.0021	5169.6	41.4	21.6	5.2	6.5	0	1.3	H	SNR
4346	3362/1	20 14 16.9	38 00 09	43	0.0325	0.0068	1335.8	26.6	4.4	4.8	1.0	0	14.2	H	H
4347	3495/4	20 14 48.8	37 29 14	59	0.0100	0.0028	5169.6	20.7	12.3	3.6	1.1	0	26.7	H	H
4348	1764/1	20 14 55.6	30 57 35	48	0.0379	0.0034	6502.3	139.9	16.1	11.2	1.1	0	17.2	H	H
4349	7909/1	20 14 57.3	-03 49 01	31	0.170	0.010	2253.5	285.8	6.2	16.7	1.2	0	0.9	H	CV
4350	3495/5	20 15 07.8	37 15 58	51	0.0117	0.0025	5169.6	34.1	17.9	4.7	0.8	0	16.8	H	H
4351	1858/4	20 16 13.5	-71 03 07	56	0.0068	0.0018	6609.4	25.7	22.3	3.7	0.7	0	15.5	H	H
4352															

20^h16^m45.3^s — 20^h31^m26.4^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
4353	3507/1	20 16 45.3	20 42 15	48	*0.0413	0.0033	8747.4	167.4	15.6	12.4	1.2	805	22.8	AH	S
	929/1	20 16 44.3	20 41 59	50	0.0407	0.0051	3819.0	69.5	7.5	7.9	1.2	500	23.3	AH	S
4354	3506/1	20 16 46.3	20 42 20	55	*0.0268	0.0070	1338.4	16.7	2.3	3.8	1.2	603	22.4	AH	S
	3507/2	20 16 54.3	21 11 43	51	*0.0104	0.0019	8747.4	43.3	18.7	5.5	1.1	1209	21.9	H	
4355	3482/1	20 17 10.1	45 53 37	47	0.0092	0.0022	4588.1	26.5	14.5	4.1	0.8	0	12.8	H	
4356	3507/3	20 17 16.6	20 48 60	39	0.0197	0.0021	8747.4	107.5	22.5	9.4	1.1	0	13.0	H	
4357	5638/1	20 17 21.6	-14 41 50	52	0.0160	0.0035	3177.7	27.7	9.3	4.5	0.9	400	19.5	H	
4358	7875/2	20 17 43.7	38 34 31	32	0.0147	0.0016	10579.7	116.2	38.8	9.3	1.0	0	0.4	H	
4359	6833/1	20 17 50.7	09 54 45	52	0.0102	0.0025	11991.0	45.7	39.3	3.9	1.4	0	28.3	L	
4360	2680/1	20 17 54.5	29 52 05	51	*0.0307	0.0057	2016.0	32.3	3.7	5.4	1.2	602	19.7	H	
4361	3507/4	20 18 03.0	20 56 39	32	0.0135	0.0017	8747.4	88.2	28.8	8.2	1.1	0	0.4	AH	
	929/2	20 18 01.3	20 56 47	37	0.0087	0.0021	3819.0	24.5	12.5	4.0	1.1	0	0.2	AH	
4362	2680/2	20 18 03.0	29 32 52	35	0.0349	0.0051	2016.0	52.5	5.5	6.9	1.0	0	0.2	H	G
4363	5638/2	20 18 21.2	-15 06 29	45	0.0102	0.0027	3177.7	21.1	10.9	3.7	0.6	0	10.8	H	
4364	7875/3	20 18 32.4	38 32 24	41	0.0074	0.0013	10579.7	53.1	39.9	5.5	0.8	0	9.9	H	
4365	7875/4	20 19 07.7	38 24 35	50	*0.0115	0.0017	10579.7	64.6	24.4	6.9	1.2	906	19.7	H	
4366	3481/1	20 19 16.0	45 01 50	41	0.0219	0.0029	5080.3	69.8	15.2	7.6	0.9	0	13.6	H	
4367	6833/2	20 19 45.1	09 51 44	31	0.0298	0.0024	11991.0	266.5	64.5	12.5	1.1	0	0.4	L	
4368	3482/2	20 20 28.9	45 38 17	51	0.0231	0.0040	4588.1	43.4	12.6	5.8	1.0	0	26.9	H	
4369	10313/1	20 27 23.5	09 31 22	32	0.0379	0.0041	5609.9	158.4	54.6	9.1	1.2	0	0.5	L	S
4370	10313/2	20 27 42.8	09 25 07	42	0.0101	0.0026	5609.9	39.0	28.0	3.8	0.8	0	8.1	L	
4371	5976/1	20 28 53.3	11 14 23	43	0.0065	0.0018	5202.0	23.4	20.6	3.5	0.6	0	7.7	L	
4372	3382/1	20 29 49.4	40 33 11	52	0.0170	0.0046	2847.8	28.4	13.6	3.5	1.6	0	15.0	L	
4373	5219/1	20 29 51.3	41 03 12	42	0.0144	0.0028	5486.8	52.9	23.1	5.0	781.5	0	9.4	AL	
4374	4221/1	20 29 49.9	41 03 27	48	*0.0128	0.0014	57707.9	378.3	530.7	8.8	1347.0	501	19.1	AL	
	4221/2	20 30 07.8	41 12 55	48	*0.0072	0.0015	57707.9	224.2	410.3	4.8	2536.6	705	17.4	L	
4375	4221/3	20 30 36.2	41 08 18	38	0.1018	0.0021	57707.9	3803.8	722.2	49.2	324.8	0	10.7	S	
	3386/1	20 30 33.1	41 08 04	48	0.0594	0.0046	5462.6	184.9	18.1	13.0	29.4	300	17.0	AH	S
4376	3374/1	20 30 33.2	41 08 06	39	0.0509	0.0055	2835.6	97.4	11.6	9.3	1.3	0	8.9	AH	S
	3379/1	20 30 33.3	41 08 13	38	0.0525	0.0052	5063.8	186.1	60.9	10.0	42.0	0	7.1	AL	S
4377	3385/1	20 30 33.8	41 07 54	48	0.0504	0.0056	4654.7	140.1	35.9	8.8	5.6	300	15.7	AL	S
	3384/1	20 30 33.9	41 07 51	48	0.0520	0.0056	4884.6	147.0	38.0	9.2	23.5	0	16.3	AL	S
4378	3383/1	20 30 34.2	41 07 52	48	0.0565	0.0056	5142.0	170.5	43.5	9.9	37.0	0	15.4	AL	S
	5219/2	20 30 34.4	41 08 08	31	0.0764	0.0056	5486.8	312.9	79.0	13.5	140.2	0	0.2	AL	S
4379	3380/1	20 30 35.3	41 08 19	48	*0.0404	0.0071	4863.0	85.6	46.0	5.6	58.0	501	25.1	AL	S
	3378/1	20 30 36.8	40 47 05	31	1.333	0.0022	5192.0	5134.7	508.3	60.5	1.9	0	0.8	AL	
4380	3386/2	20 30 33.9	40 47 01	48	0.673	0.0017	5462.6	1598.6	15.4	39.8	2.6	200	22.8	AH	
	3385/2	20 30 34.9	40 46 57	48	*0.175	0.0039	4654.7	389.0	286.0	4.4	2.2	1008	20.2	AL	
4381	3377/1	20 30 35.6	40 47 07	48	*0.441	0.0023	2539.6	366.0	4.0	19.0	2.4	904	30.5	AH	
	3390/1	20 30 36.3	40 47 07	48	*0.417	0.0060	4679.5	945.7	638.3	6.9	2.0	1208	22.1	AL	
4382	3389/1	20 30 36.4	40 47 05	48	*0.743	0.0036	5191.5	2042.2	402.8	20.8	2.0	1006	19.2	AL	
	3383/2	20 30 36.7	40 47 05	48	*0.889	0.0027	5142.0	2413.9	304.1	32.9	2.6	703	19.3	AL	
4383	3375/1	20 30 36.7	40 47 05	48	*0.619	0.0019	4692.7	1067.5	10.5	32.5	2.3	1409	29.2	AH	
	3379/2	20 30 36.8	40 47 01	38	1.173	0.0023	5063.8	3572.3	408.7	49.9	2.2	0	14.1	AL	
4384	3376/1	20 30 36.8	40 47 19	48	*0.376	0.0023	2177.1	283.0	4.0	16.7	2.1	906	30.3	AH	
	3388/1	20 30 36.9	40 47 14	48	0.599	0.0031	2301.6	623.9	161.1	19.1	1.9	0	23.2	AL	
4385	3382/2	20 30 37.1	40 47 10	38	0.942	0.0029	2847.8	1565.7	225.3	32.4	1.7	0	14.8	AL	
	3381/1	20 30 37.2	40 47 19	38	1.714	0.0037	2911.8	3009.9	315.1	46.1	1.6	0	14.2	AL	
4386	3380/2	20 30 37.2	40 47 12	38	1.474	0.0026	4863.0	4508.3	421.7	56.9	2.1	0	13.2	AL	
	3387/1	20 30 37.7	40 47 23	48	*1.133	0.0042	2369.2	1322.8	241.0	26.9	1.7	501	20.6	AL	
4387	10314/1	20 30 41.8	60 11 56	51	0.0068	0.0012	20871.7	58.6	43.4	5.8	1.4	0	26.6	H	
	4221/4	20 30 54.3	41 04 29	38	0.0429	0.0016	57707.9	1705.2	1086.8	26.7	563.2	0	6.9	S	
4388	3374/2	20 30 51.0	41 04 09	41	0.0401	0.0052	2835.6	69.6	11.4	7.7	8.6	0	13.4	A	S
	3378/2	20 30 51.1	41 04 12	48	*0.0364	0.0060	5192.0	104.1	33.9	5.8	62.6	803	17.4	AL	S
4389	3384/2	20 30 51.6	41 03 52	38	0.0252	0.0046	4884.6	79.3	62.7	5.4	32.8	0	12.4	AL	S
	3383/3	20 30 51.6	41 04 02	38	0.0306	0.0047	5142.0	103.5	66.5	6.5	51.7	0	10.9	AL	S
4390	3386/3	20 30 51.7	41 04 19	48	*0.0357	0.0039	5462.6	100.4	17.6	9.2	46.1	1309	19.7	AH	S
	3379/3	20 30 52.2	41 04 15	32	0.0350	0.0044	5063.8	126.8	55.2	7.8	59.3	0	4.8	AL	S
4391	3385/3	20 30 52.5	41 04 01	48	0.0269	0.0050	4654.7	68.5	42.5	5.2	7.7	200	18.0	AL	S
	5219/3	20 30 53.3	41 04 10	38	0.0409	0.0047	5486.8	159.2	79.8	8.5	213.2	0	5.0	AL	S
4392	3375/2	20 31 02.0	41 04 18	54	*0.0155	0.0037	4692.7	23.3	7.7	4.2	88.1	603	30.0	A	S
	3378/3	20 31 14.5	40 37 16	42	0.0151	0.0032	5192.0	48.7	27.3	4.5	138.8	0	12.6	AL	
4393	3389/2	20 31 12.9	40 37 12	41	0.0128	0.0032	5191.5	46.5	41.5	3.9	94.3	0	7.5	AL	
	3380/3	20 31 13.7	40 37 15	43	0.0116	0.0030	4863.0	36.6	25.4	3.7	213.0	0	11.7	AL	
4394	10314/2	20 31 23.3	60 18 17	67	0.0037	0.0010	20871.7	31.6	46.4	3.6	0.7	0	26.2	AL	
	4221/5	20 31 24.2	41 05 11	31	0.0322	0.0014	57707.9	1367.6	940.4	23.4	740.8	0	1.2	AL	S
4395	3386/4	20 31 19.8	41 04 20	52	*0.0159	0.0029	5462.6	37.1	9.9	5.4	94.6	1609	25.0	A	S
	3374/3	20 31 20.2	41 04 32	49	0.0442	0.0056	2835.6	72.5	11.5	7.9	7.3	200	15.3	AH	S
4396	3375/3	20 31 21.7	41 04 58	50	0.0362	0.0048	4692.7	68.8	13.2	7.6	36.1	0	27.4	AH	S
	5219/4	20 31 21.8	41 04 38	39	0.0237	0.0042	5486.8	86.8	71.2	5.6	318.0	0	9.3	AL	S
4397	3379/4	20 31 21.9	41 04 39	39	0.0242	0.0045	5063.8	81.3	72.7	5.2	62.2	0	10.0		

20^h31^m26.7^s — 21^h01^m49.1^s

Number		Position			Intensity		Detection Params.						Flags		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±	LIVE- TIME	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R (')	SRC	ID
	3386/5	20 31 26.7	41 08 44	48	*0.0723	0.0059	5462.6	159.8	9.2	12.3	24.3	1609	26.9	A	S
	3384/4	20 31 26.8	41 08 32	38	0.1414	0.0081	4884.6	478.3	88.7	17.4	9.0	0	7.9	AL	S
	3375/4	20 31 27.0	41 08 38	48	0.0945	0.0077	4692.7	164.2	12.8	12.3	14.5	300	29.1	AH	S
	3380/5	20 31 27.1	41 08 37	48	0.1319	0.0094	4863.0	312.0	54.0	13.8	21.9	400	21.8	AL	S
4383	7482/1	20 31 33.6	10 20 15	57	*0.0106	0.0030	5662.5	18.5	8.5	3.6	0.8	1109	32.6		
4384	4221/7	20 31 35.8	40 59 08	38	0.0103	0.0011	57707.9	416.1	800.9	9.3	1396.1	0	6.4	L	S
4385	7482/2	20 32 21.4	11 10 17	54	0.0103	0.0027	5662.5	23.6	14.4	3.8	0.9	0	26.2	H	H
4386	7482/3	20 32 58.5	10 45 47	35	0.0118	0.0020	5662.5	49.5	18.5	6.0	0.9	0	0.2	H	H
4387	5995/1	20 33 25.7	39 43 30	51	0.0135	0.0026	5063.9	34.6	9.4	5.2	1.0	0	19.9	H	S
4388	10314/3	20 33 43.7	59 35 38	48	*0.0111	0.0013	20871.7	107.6	43.4	8.8	1.0	501	23.3	H	S
4389	10314/4	20 33 54.4	60 00 29	31	0.0246	0.0014	20871.7	377.3	69.7	17.8	2.8	0	2.0	AH	G
	10597/1	20 33 59.5	60 00 29	32	0.0256	0.0024	7444.1	139.6	29.4	10.7	2.0	0	2.1	AH	G
	422/1	20 34 00.0	60 00 43	32	0.0252	0.0029	4879.5	90.6	14.4	8.8	2.4	0	2.6	AH	G
4390	10314/5	20 34 27.2	59 55 38	41	0.00556	0.00082	20871.7	81.9	65.1	6.8	12.7	0	6.0	H	*
4391	8390/1	20 34 34.5	-22 53 19	42	0.0281	0.0056	1716.5	29.4	4.6	5.0	1.1	0	12.9	H	
4392	10597/2	20 34 47.3	59 39 25	52	*0.0093	0.0019	7444.1	34.6	15.4	4.9	0.8	906	21.0	AH	
	422/2	20 34 48.4	59 39 20	55	*0.0097	0.0023	4879.5	23.7	7.3	4.3	0.8	1509	21.0	A	
4393	3365/1	20 34 52.7	75 32 37	41	0.0069	0.0010	16503.6	67.9	36.1	6.7	1.1	0	14.2	H	
4394	5995/2	20 34 52.7	40 10 36	39	0.0322	0.0034	5063.9	101.1	9.9	9.6	1.1	0	13.1	H	
4395	5640/1	20 35 13.0	14 25 20	31	0.0900	0.0060	5356.8	358.9	75.1	14.9	1.4	0	0.6	L	
4396	10314/6	20 35 26.0	60 13 41	57	*0.00360	0.00081	20871.7	38.6	37.4	4.4	1.2	906	19.7	AH	S
	422/3	20 35 29.6	60 13 37	52	0.0102	0.0024	4879.5	26.1	11.9	4.2	0.8	100	19.5	AH	S
	10597/3	20 35 31.9	60 13 22	55	0.0079	0.0019	7444.1	30.2	22.8	4.1	0.9	500	19.5	AH	S
4397	10314/7	20 35 49.3	59 45 11	57	*0.00303	0.00073	20871.7	31.5	26.5	4.1	0.6	1108	20.6	H	
4398	8415/1	20 35 53.2	-00 52 44	70	*0.0047	0.0012	15601.3	27.7	22.3	3.9	0.7	1409	27.4		
4399	1969/1	20 36 13.8	88 02 23	36	0.0251	0.0047	1800.9	33.5	5.5	5.4	0.8	0	0.6	AH	
	1970/1	20 36 21.2	88 02 22	38	0.0229	0.0061	958.7	16.4	2.6	3.8	1.0	0	0.70	AH	
4400	8415/2	20 36 14.8	-01 25 07	56	0.0055	0.0014	15601.3	30.3	29.7	3.9	0.9	0	29.4	H	
4401	7874/1	20 37 17.1	52 40 14	51	0.0120	0.0023	9551.6	41.6	23.4	5.2	1.2	100	28.5	H	
4402	3247/1	20 37 21.2	-00 36 08	52	0.0133	0.0032	4429.9	23.2	8.8	4.1	1.3	0	27.0	AH	
	10624/1	20 37 19.6	-00 35 58	55	0.0136	0.0036	5377.3	27.6	9.4	3.5	0.9	500	27.7	AL	
	8415/3	20 37 21.5	-00 35 29	52	0.0068	0.0015	15601.3	39.9	33.1	4.7	1.0	300	28.3	AH	
4403	3136/1	20 37 22.6	45 02 04	52	*0.0214	0.0041	3419.9	30.6	4.4	5.2	1.2	1409	25.5	H	
4404	8415/4	20 37 35.1	-01 02 45	31	0.2309	0.0045	15601.3	2678.4	43.6	51.3	1.4	0	0.7	AH	S
	3247/2	20 37 35.1	-01 02 53	31	0.2242	0.0083	4429.9	740.9	12.1	27.0	1.2	0	0.7	AH	S
	10624/2	20 37 35.3	-01 02 59	31	0.2020	0.0089	5377.3	807.6	152.4	22.6	1.3	0	0.5	AL	S
4405	7874/2	20 37 57.6	52 09 07	48	0.0805	0.0045	9551.6	346.5	21.5	18.1	1.3	0	23.4	H	
4406	3365/2	20 38 05.4	75 25 19	31	0.4146	0.0058	16503.6	5091.0	47.0	71.0	1.4	0	0.6	H	S
4407	9101/1	20 38 14.9	-25 28 18	51	*0.0380	0.0082	1343.9	23.7	2.3	4.6	0.9	1006	23.6	H	
4408	8415/5	20 38 20.1	-00 46 26	48	0.0441	0.0025	15601.3	349.7	33.3	17.9	1.3	0	20.4	AH	
	3247/3	20 38 20.6	-00 46 29	48	0.0480	0.0048	4429.9	108.6	9.4	10.0	1.1	0	20.6	AH	
4409	3365/3	20 38 48.4	75 30 22	45	0.00316	0.00076	16503.6	36.6	40.4	4.2	176.9	0	6.4	H	
4410	9710/1	20 39 14.0	60 19 38	35	0.0221	0.0033	3662.6	60.3	18.7	6.8	1.1	0	0.7	H	S
4411	7874/3	20 39 28.4	52 55 26	51	*0.0189	0.0031	9551.6	49.3	17.7	6.0	1.2	704	31.3	EH	
4412	8415/6	20 39 31.1	-01 08 14	51	0.0105	0.0016	15601.3	60.5	26.5	6.5	1.2	0	29.5	H	
4413	8923/1	20 40 41.5	15 10 23	51	0.0271	0.0050	2292.0	35.3	6.7	5.5	1.0	0	17.7	H	
4414	7874/4	20 40 43.6	52 32 25	42	0.0047	0.0012	9551.6	29.3	28.7	3.8	0.6	0	11.1	0	
4415	2195/1	20 41 23.2	31 42 16	41	0.0391	0.0059	2546.4	59.9	5.1	6.5	0.9	0	14.7	AL	
	2188/1	20 41 23.5	31 41 53	51	0.0375	0.0069	3486.2	47.0	10.0	5.3	1.2	0	29.5	AL	
4416	2314/1	20 42 04.0	-31 31 13	31	2.286	0.058	1317.3	2232.0	291.0	39.0	1.3	0	0.9	L	S
4417	3778/1	20 42 51.7	29 05 21	51	0.0337	0.0065	2218.7	31.4	5.6	5.2	1.1	0	26.1	AH	
	3785/1	20 42 54.4	29 05 15	51	*0.0343	0.0089	2267.0	36.2	4.3	3.9	0.8	803	29.2	AH	
4418	3365/4	20 44 05.8	75 32 16	52	0.0068	0.0012	16503.6	49.9	28.1	5.6	0.9	100	24.1	H	
4419	3365/5	20 44 35.0	75 26 11	60	*0.00326	0.00092	16503.6	23.5	20.5	3.5	0.7	805	24.7	H	
4420	6271/1	20 45 22.5	-18 01 02	35	0.0417	0.0064	1557.3	48.3	5.7	6.6	2.8	0	0.2	H	
4421	3365/6	20 45 23.9	75 23 53	50	*0.0158	0.0017	16503.6	100.7	23.3	9.0	1.1	501	27.9	H	
4422	2186/1	20 45 35.0	32 38 47	43	0.0118	0.0030	3889.4	31.0	14.0	3.8	0.9	0	8.2	L	
4423	1969/2	20 46 34.7	88 05 43	43	0.0150	0.0039	1800.9	19.0	5.0	3.9	0.8	0	6.2	H	
4424	5070/1	20 46 44.9	45 29 14	56	*0.0094	0.0022	6821.6	25.4	9.6	4.3	0.9	1208	27.0	H	
4425	5272/1	20 48 06.1	29 11 47	48	0.0660	0.0051	9918.4	326.3	116.7	12.7	268.2	400	21.8	L	S
4426	3788/1	20 51 44.7	29 11 37	38	0.0874	0.0098	2234.9	127.5	26.5	8.8	1.3	0	11.7	AL	
	3791/1	20 51 44.6	29 11 51	48	0.120	0.014	2547.1	115.2	19.8	8.4	1.4	300	28.3	AL	
4427	7416/1	20 53 15.9	-05 03 13	39	0.0268	0.0031	4949.0	85.4	13.6	8.6	1.0	0	11.1	H	
4428	3054/1	20 53 25.1	44 54 26	52	*0.0195	0.0038	3029.4	31.5	5.5	5.2	1.1	1309	18.2	H	
4429	3054/2	20 53 25.8	44 38 09	54	0.0134	0.0032	3029.4	23.1	7.9	4.2	0.8	100	15.3	H	
4430	7416/2	20 53 44.3	-04 49 25	43	0.0093	0.0022	4949.0	28.1	14.9	4.3	0.7	0	13.2	H	
4431	7416/3	20 54 10.1	-05 02 13	32	0.0354	0.0033	4949.0	129.3	16.7	10.7	1.2	0	2.8	H	
4432	3054/3	20 54 49.3	44 43 51	32	0.0358	0.0042	3029.4	80.8	10.2	8.5	1.0	0	0.4	H	S
4433	3787/1	20 55 17.1	29 40 22	43	0.0169	0.0042	2778.7	29.8	10.2	3.9	1.2	0	13.2	AL	
	3786/1	20 55 20.1	29 40 42	51	*0.0215	0.0057	2908.3	33.4	5.6	3.6	1.0	603	17.8	AL	
4434	3786/2	20 56 07.8	29 53 02	38	0.1069	0.0089	2908.3	195.2	15.8	11.8	1.1	0	12.3	AL	
	3780/1	20 56 05.4	29 53 16	48	0.132	0.010	3333.1	235.0	15.0	13.0	1.1	100	18.1	AL	
	3787/2	20 56 07.0	29 53 18	50	*0.053	0.011	2778.7	51.1	20.9	4.6	1.4	401	29.7	AL	
4435	3763/1	20 56 47.9	31 18 40	42	0.0160	0.0032	4321.3	47.5	19.5	4.8	1.3	0	8.5	L	
4436	10066/1	20 58 48.6	68 02 47	41	0.0209	0.0034	3622.7	47.6	10.4	6.2	0.8	0	13.2	H	
4437	3453/1	20 59 14.8	-24 43 54	32	0.1047	0.0089	1867.0	145.6	6.4	11.8	1.6	0	0.2	H	
4438	8343/1	21 00 17.5	27 36 33	31	0.391	0.022	1683.3	490.8	105.2	17.3	1.4	0	0.5	H	CV
4439	10066/2	21 01 03.1	67 57 43	32	0.0309	0.0036	3622.7	83.4	12.6	8.5	1.3	0	0.2	L	
4440	3452/1	21 01 18.2	-25 28 26	35	0.0286	0.0047	2013.6	42.8	7.2	6.1	1.1	0	0.8	H	
4441	4513/1	21 0													

21^h02^m14.6^s — 21^h41^m29.2^s

Number		Position			Intensity		Detection Params.			SIZE COR	RECO	R (')	Flags		
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±	LIVE-TIME	NET CTS	BKG CTS				S/N	SRC	ID
4442	5173/1	21 02 14.6	-39 50 59	54	0.0077	0.0020	6144.3	27.1	21.9	3.9	0.7	0	16.8		
4443	5173/2	21 03 18.4	-39 47 06	42	0.0081	0.0018	6144.3	34.8	26.2	4.5	1.0	0	7.4	H	H
4444	5173/3	21 03 44.3	-39 48 07	40	0.0197	0.0024	6144.3	86.7	25.3	8.2	1.1	0	5.0	H	H
4445	3044/1	21 04 16.5	-25 40 06	38	0.0179	0.0045	1499.1	19.9	5.1	4.0	1.6	0	1.5		
4446	3116/1	21 04 53.3	38 31 32	32	0.0839	0.0097	1263.8	78.0	4.0	8.6	1.6	0	2.9	H	S
4447	30/1	21 05 44.8	-68 01 35	48	*0.00730	0.00061	74441.5	239.1	160.9	12.0	1.2	0	23.9	H	H
4448	3291/1	21 07 25.2	47 54 13	54	0.0235	0.0059	1531.7	19.5	4.5	4.0	1.0	100	17.0	H	L
4449	30/2	21 09 19.4	-68 02 01	36	0.00191	0.00044	74441.5	102.2	229.8	4.3	0.1	0	4.3	H	L
4450	30/3	21 09 58.0	-68 12 58	38	0.00647	0.00048	74441.5	303.3	204.7	13.5	1.4	0	12.9	H	G
4451	7868/1	21 10 00.3	30 20 57	52	*0.0113	0.0026	4777.4	25.1	7.9	4.4	0.8	603	22.4	H	H
4452	30/4	21 10 26.9	-68 01 23	32	0.00360	0.00039	74441.5	197.5	267.5	9.2	1.2	0	3.0	H	Q
4453	30/5	21 11 19.3	-68 06 29	39	0.00191	0.00040	74441.5	95.9	305.1	4.8	0.9	0	10.0	H	Q
4454	30/6	21 11 37.3	-67 47 45	48	0.00532	0.00048	74441.5	233.3	201.7	11.2	1.1	0	15.4	H	Q
4455	30/7	21 12 01.3	-68 20 20	55	*0.00395	0.00048	74441.5	137.1	143.9	8.2	1.1	1006	23.2	H	H
4456	5645/1	21 12 11.5	05 17 33	51	*0.0247	0.0034	5743.3	65.6	14.4	7.3	1.2	703	22.5	H	H
4457	30/8	21 12 18.5	-68 04 25	42	0.00240	0.00041	74441.5	111.1	256.9	5.8	1.3	0	13.4	H	*
4458	5645/2	21 13 20.2	05 02 25	31	0.1103	0.0052	5743.3	472.5	24.5	21.2	1.3	0	0.4	H	H
4459	5645/3	21 13 22.9	05 17 11	42	0.0121	0.0023	5743.3	41.2	19.8	5.3	0.9	0	14.3	H	H
4460	5645/4	21 13 48.6	04 55 08	43	0.0077	0.0019	5743.3	29.4	22.6	4.1	0.7	0	10.8	H	H
4461	5646/1	21 14 11.9	-39 04 28	36	0.0322	0.0055	1614.2	38.5	4.5	5.9	1.4	0	2.3	H	H
4462	6330/1	21 15 03.7	60 27 09	50	0.0161	0.0024	6447.4	59.3	20.7	6.6	0.8	0	16.7		SY
4463	6811/1	21 16 38.2	43 44 33	36	0.0247	0.0042	2190.7	40.3	7.7	5.8	1.0	0	0.8	H	H
4464	7329/1	21 16 40.6	-10 42 24	52	*0.0057	0.0014	11729.1	30.8	24.2	4.1	0.7	601	22.8	H	H
4465	7329/2	21 17 34.4	-11 00 49	32	0.0137	0.0014	11729.1	119.1	40.9	9.4	1.0	0	0.6	H	S
4466	3536/1	21 19 28.4	-17 02 50	31	0.270	0.016	1491.9	300.3	4.7	17.2	1.2	0	0.2	H	H
4467	504/1	21 19 43.5	16 55 46	43	0.0070	0.0016	6303.6	28.5	15.5	4.3	0.7	0	10.4	H	H
4468	504/2	21 20 29.0	16 33 42	52	0.0084	0.0019	6303.6	28.6	14.4	4.4	1.1	0	18.1	H	H
4469	504/3	21 20 32.7	16 53 52	36	0.0093	0.0017	6303.6	43.0	17.0	5.6	1.2	0	2.6	H	H
4470	2064/1	21 21 15.0	05 22 23	36	0.0271	0.0051	1650.4	33.4	5.6	5.3	1.1	0	0.2	H	Q
4471	5712/1	21 21 19.8	24 59 37	41	0.0093	0.0016	9044.0	58.0	37.0	6.0	0.8	0	7.7		
4472	5712/2	21 21 30.2	24 51 45	36	0.0057	0.0012	9044.0	38.1	31.9	4.6	0.6	0	0.7		G
4473	5712/3	21 21 54.7	24 55 09	41	0.0092	0.0015	9044.0	58.0	31.0	6.1	0.8	0	6.5	H	H
4474	5648/1	21 24 44.2	-22 07 50	53	0.0197	0.0043	4493.8	27.0	8.0	4.6	1.9	100	33.5	H	H
4475	528/1	21 24 50.0	-14 59 36	48	*0.0147	0.0016	12048.9	97.2	19.8	9.0	0.9	1006	16.9	H	AGN
4476	528/2	21 25 32.8	-15 03 00	43	0.00427	0.00096	12048.9	35.4	27.6	4.5	0.8	0	7.5	H	H
4477	528/3	21 25 41.9	-14 50 60	43	0.00345	0.00097	12048.9	27.4	31.6	3.6	3.8	0	10.1		
4478	528/4	21 25 54.4	-14 56 49	35	0.0068	0.0011	12048.9	59.4	32.6	6.2	2.0	0	3.5		AGN
4479	5280/1	21 26 26.4	-15 51 46	31	0.1022	0.0056	4662.3	355.2	16.8	18.4	1.1	0	0.2	H	Q
4480	7903/1	21 28 00.7	70 20 44	36	0.0356	0.0059	1499.3	39.8	3.2	6.1	1.8	0	0.7	AH	S
4480	4995/1	21 28 05.6	70 20 31	51	*0.0435	0.0066	2068.1	46.7	3.3	6.6	1.1	602	19.3	AH	S
4481	7799/1	21 28 22.4	03 49 28	39	0.0798	0.0090	1580.9	83.5	4.5	8.9	1.2	0	9.9	H	CLG
4482	6757/1	21 28 29.3	46 57 18	42	0.0067	0.0014	13687.5	56.1	41.9	4.5	0.9	0	13.3	H	L
4483	8413/1	21 28 35.4	-12 16 49	45	0.0059	0.0015	5850.6	24.2	15.8	3.8	0.7	0	6.1	H	H
4484	8413/2	21 28 53.2	-12 20 08	31	0.0868	0.0046	5850.6	378.3	18.7	19.0	1.2	0	0.2	H	Q
4485	6757/2	21 29 37.3	47 04 18	31	1.226	0.013	13687.5	12513.2	749.8	97.0	1.3	0	0.3	H	* Q
4486	1971/1	21 30 01.5	09 55 00	31	0.319	0.017	1429.0	338.8	5.2	18.3	1.3	0	0.9	AH	Q
4486	1972/1	21 30 01.4	09 55 05	31	0.1314	0.0076	4986.9	488.7	109.3	17.2	1.3	0	1.0	AL	Q
4487	7489/1	21 30 12.9	-02 33 15	57	*0.0188	0.0050	3115.7	17.1	3.9	3.7	1.1	906	33.5	H	H
4488	7489/2	21 31 35.1	-02 06 16	36	0.0151	0.0029	3115.7	35.1	9.9	5.2	1.1	0	0.6	H	BL
4489	7489/3	21 31 46.3	-02 29 59	51	*0.0232	0.0044	3115.7	33.1	5.9	5.3	1.1	804	23.6	H	H
4490	3025/1	21 32 04.2	31 35 29	55	0.0227	0.0059	1440.7	16.7	2.3	3.8	1.2	0	20.4	H	H
4491	7800/1	21 32 41.6	01 10 43	55	*0.0346	0.0084	1385.1	19.7	3.3	4.1	1.4	906	26.8	H	CLG
4492	7802/1	21 33 10.3	-00 04 12	36	0.0238	0.0040	2507.2	43.6	10.4	5.9	2.4	0	2.8	H	CLG
4493	543/1	21 33 14.9	00 00 43	56	*0.0056	0.0016	8528.8	23.1	19.9	3.5	3.9	1006	20.7	H	H
4494	543/2	21 34 01.1	00 18 08	36	0.0055	0.0013	8528.8	34.9	29.1	4.4	0.8	0	0.7	H	S
4495	543/3	21 34 06.6	00 28 27	38	0.0212	0.0021	8528.8	118.9	26.1	9.9	1.1	0	10.3	AH	Q
4495	7801/1	21 34 04.8	00 28 29	51	0.0294	0.0047	3052.8	46.8	8.2	6.3	0.9	0	19.8	AH	Q
4496	5426/1	21 34 09.7	-15 18 53	52	0.0159	0.0025	12901.7	56.5	21.5	6.4	2.3	0	34.6	H	H
4497	5426/2	21 35 01.9	-14 46 19	31	0.1894	0.0045	12901.7	1819.2	42.8	42.2	1.2	0	0.4	AH	Q
4497	531/1	21 35 01.7	-14 46 21	31	0.244	0.015	1534.2	279.4	4.6	16.6	1.2	0	0.4	AH	Q
4498	7800/2	21 35 06.1	01 23 32	55	*0.0295	0.0079	1385.1	16.2	2.8	3.7	1.0	806	28.1	H	H
4499	543/4	21 35 09.4	00 40 03	51	*0.0106	0.0020	8528.8	35.5	10.5	5.2	0.8	1609	27.4	H	H
4500	698/1	21 36 00.3	-23 07 01	52	0.0279	0.0065	2017.5	22.4	4.6	4.3	0.9	200	27.2	H	H
4501	5426/3	21 36 08.9	-15 09 19	52	0.0074	0.0016	12901.7	37.2	27.8	4.6	1.0	0	28.3	H	H
4502	698/2	21 36 13.5	-23 47 10	55	*0.0271	0.0065	2017.5	20.9	4.1	4.2	1.2	805	28.1	H	H
4503	5426/4	21 36 23.8	-14 28 14	64	*0.0049	0.0014	12901.7	25.3	24.7	3.6	0.9	601	27.4	H	H
4504	3229/1	21 37 03.3	-16 13 54	32	0.137	0.011	1494.0	152.9	5.1	12.2	1.1	0	0.2	H	CV
4505	698/3	21 37 22.1	-23 53 06	50	0.074	0.010	2017.5	57.1	3.9	7.3	1.3	0	28.2	H	H
4506	3055/1	21 37 26.2	57 15 26	34	0.0380	0.0047	2535.8	71.6	7.4	8.1	1.7	0	0.6	AH	S
4506	1012/1	21 37 24.9	57 15 18	55	0.0331	0.0092	730.2	14.3	1.7	3.6	1.5	0	15.3	AH	S
4507	3055/2	21 38 48.0	57 21 13	39	0.0480	0.0057	2535.8	77.1	6.9	8.4	1.2	0	13.0	H	S
4508	133/1	21 40 10.8	-07 05 24	36	0.0094	0.0016	7306.8	50.9	25.1	5.8	1.6	0	0.7	H	H
4509	7605/1	21 40 27.3	14 34 49	56	0.0054	0.0015	10314.2	24.1	20.9	3.6	2.1	0	24.0	H	H
4510	7605/2	21 40 36.9	14 32 46	52	0.0071	0.0015	10314.2	34.6	21.4	4.6	1.7	300	21.7	H	H
4511	947/1	21 40 44.3	43 21 32	31	2.067	0.039	2521.0	3883.5	299.5	53.4	1.3	0	0.2	L	S
4512	9668/1	21 41 15.3	17 30 01	36	0.0391	0.0069	1272.3	36.9	5.1	5.7	1.0	0	0.6	AH	Q
4512	4445/1	21 41 12.9	17 30 11	55	0.0258	0.0068	1574.4	16.9	3.1	3.8	1.0	0	26.2	AH	Q
4512	4647/1	21 41 13.2	17 30 10	36	0.0352	0.0068	1165.6	30.5	4.5	5.2	0.9	0	0.4	AH	Q
4512	9667/1	21 41 13.5	17 29 42	36	0.0321	0.0062	1292.6	30.9	5.1	5.1	1.1	0	0.2</		

21^h41^m34.9^s — 22^h11^m34.5^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
4514	133/2	21 41 34.9	-07 07 25	56	0.0065	0.0017	7306.8	24.7	18.3	3.8	0.9	400	20.2	H	
4515	3958/2	21 41 37.8	04 00 20	50	*0.0126	0.0016	11617.8	76.8	20.2	7.8	2.2	703	18.5	H	AGN
4516	5038/1	21 41 45.7	65 52 45	37	0.0090	0.0024	3212.0	21.4	11.6	3.7	0.9	0	0.8	H	H
4517	3958/3	21 41 53.4	04 02 28	51	*0.0109	0.0015	11617.8	68.9	23.1	7.2	2.9	907	17.6	H	Q
4518	7605/3	21 42 07.0	14 32 35	31	0.1083	0.0038	10314.2	831.6	33.4	28.3	1.5	0	0.2	H	S
4519	3958/4	21 42 43.2	03 30 44	51	0.0096	0.0014	11617.8	61.7	20.3	6.8	1.2	300	17.6	H	H
4520	7803/1	21 42 46.7	-20 07 10	55	*0.0191	0.0050	2324.8	18.5	4.5	3.8	1.3	702	25.1	H	H
4521	7605/4	21 43 14.1	14 24 19	51	0.0104	0.0016	10314.2	58.9	26.1	6.4	1.0	0	18.3	H	H
4522	10671/1	21 43 14.9	04 28 29	43	0.0061	0.0015	12265.8	44.5	34.5	4.0	0.6	100	14.1	L	L
4523	7605/5	21 43 15.7	14 29 49	52	0.0056	0.0013	10314.2	33.1	25.9	4.3	0.8	0	17.2	H	H
4524	5130/1	21 43 24.5	07 04 11	52	0.081	0.017	1557.3	24.8	2.2	4.8	1.5	600	38.4	EH	
4525	4000/1	21 43 37.2	-15 39 37	36	0.0368	0.0073	1016.3	28.0	3.0	5.0	0.8	0	0.2	H	H
4526	3958/5	21 44 16.5	03 59 06	57	0.0062	0.0015	11617.8	28.2	19.8	4.1	0.8	0	27.7	H	H
4527	3814/1	21 44 45.4	22 52 43	52	*0.0144	0.0037	2450.2	19.7	5.3	3.9	0.7	806	16.8	H	H
4528	7803/2	21 44 57.2	-20 12 15	42	0.0235	0.0042	2324.8	38.5	8.5	5.6	1.3	0	6.8	H	CLG
4529	5130/2	21 45 06.9	06 48 57	43	0.0183	0.0046	1557.3	19.0	4.0	4.0	1.0	0	8.7	H	H
4530	5130/3	21 45 36.4	06 43 54	32	0.1017	0.0095	1557.3	117.8	4.2	10.7	1.2	0	0.4	H	Q
4531	7181/1	21 48 15.8	14 20 40	51	0.0161	0.0027	4600.4	43.6	9.4	6.0	1.0	0	15.6	H	H
4532	6044/1	21 48 18.8	02 00 58	42	0.0064	0.0017	5011.5	23.4	14.6	3.8	0.7	0	2.8	H	H
4533	7805/1	21 49 25.0	-19 56 18	43	0.0188	0.0048	1565.9	20.5	6.5	3.9	1.3	0	7.2	H	H
4534	7805/2	21 49 34.7	-19 47 13	50	0.0697	0.0091	1565.9	62.5	4.5	7.6	3.6	0	16.2	H	CLG
4535	7181/2	21 49 38.8	14 22 13	57	*0.0110	0.0029	4600.4	20.1	7.9	3.8	1.3	905	27.4	H	H
4536	3990/1	21 49 40.1	05 23 49	50	0.121	0.017	749.3	52.2	1.8	7.1	1.0	0	16.6	H	H
4537	9125/1	21 51 13.7	17 27 23	32	0.194	0.015	1153.6	165.9	4.1	12.7	1.9	0	0.8	H	CLG
4538	242/1	21 53 36.1	01 09 26	32	0.0353	0.0027	6967.9	183.1	19.9	12.9	1.9	0	0.6	H	H
4539	5201/1	21 53 37.5	-30 22 47	63	0.0093	0.0025	9054.4	28.7	13.3	3.5	0.7	200	31.1	L	L
4540	2695/1	21 53 46.9	37 46 04	32	0.0439	0.0052	2310.5	75.3	5.7	8.4	1.7	0	0.4	H	G
4541	242/2	21 54 34.5	01 07 48	52	0.0067	0.0016	6967.9	28.3	16.7	4.2	0.7	0	15.1	H	H
4542	2006/1	21 55 22.9	-15 15 28	37	0.0180	0.0042	1763.5	23.7	7.3	4.3	0.8	0	0.2	H	H
4543	5652/1	21 55 54.8	-56 59 15	62	*0.0144	0.0037	4688.0	23.2	12.8	3.9	1.3	401	29.7	H	H
4544	5201/2	21 55 58.5	-30 27 47	31	4.081	0.031	9054.4	27569.5	5706.5	131.4	1.5	0	0.3	AL	BL
4545	5202/1	21 55 58.7	-30 27 57	31	1.778	0.025	6811.7	9009.0	2474.0	72.3	1.6	0	0.3	AL	BL
4546	131/1	21 57 37.9	-10 16 58	51	0.094	0.016	1025.6	37.8	2.2	6.0	1.2	0	26.7	H	H
4546	9711/1	21 58 30.8	72 56 35	32	0.0463	0.0045	3423.8	118.2	13.8	10.3	1.4	0	0.2	H	S
4547	3153/1	21 58 55.1	43 57 29	52	*0.00483	0.00097	16755.8	41.9	29.1	5.0	0.8	1108	19.7	H	H
4548	6071/1	21 59 06.1	-09 40 18	50	*0.0190	0.0029	12851.6	94.6	31.4	6.5	1.2	501	29.1	IL	L
4549	3153/2	21 59 16.9	43 34 01	38	0.0162	0.0013	16755.8	192.3	46.7	12.4	1.0	0	5.1	H	H
4550	3153/3	21 59 29.7	43 38 58	31	0.1105	0.0030	16755.8	1380.5	43.5	36.6	1.2	0	0.2	H	H
4551	5652/2	21 59 30.3	-56 50 05	43	0.0094	0.0023	4688.0	29.4	21.6	4.1	0.8	0	9.7	H	H
4552	5652/3	21 59 31.2	-57 13 59	38	0.0455	0.0043	4688.0	129.1	18.9	10.6	1.2	0	14.3	H	AGN
4553	6071/2	21 59 37.5	-10 04 11	38	0.0098	0.0019	12851.6	89.9	104.1	5.1	9.0	0	5.9	AL	AH
4553	131/2	21 59 39.0	-10 04 08	45	0.0215	0.0060	1025.6	15.5	3.5	3.6	1.8	0	6.2	H	H
4554	5652/4	21 59 46.7	-57 01 16	32	0.0463	0.0039	4688.0	160.1	22.9	11.8	1.5	0	2.3	H	H
4555	5652/5	21 59 49.4	-56 44 15	56	0.0091	0.0024	4688.0	24.8	17.2	3.8	0.7	0	15.6	H	H
4556	3153/4	22 00 04.2	44 06 19	48	*0.0276	0.0022	16755.8	177.9	28.1	12.4	1.2	803	28.4	H	H
4557	3153/5	22 00 20.2	43 43 53	43	0.00273	0.00074	16755.8	30.6	37.4	3.7	0.7	0	10.7	H	H
4558	5693/1	22 00 40.3	42 02 16	31	0.2285	0.0086	4179.5	712.0	10.0	26.5	1.2	0	0.4	H	BL
4559	7483/1	22 01 02.6	17 11 12	34	0.0161	0.0022	6157.1	73.8	25.2	7.4	1.0	0	0.2	H	BL
4560	5652/6	22 01 02.6	-56 54 19	47	0.0080	0.0022	4688.0	23.7	18.3	3.7	0.6	0	13.6	H	H
4561	7182/1	22 01 02.8	31 31 20	32	0.1069	0.0095	1626.8	129.7	4.3	11.2	1.2	0	0.4	AH	Q
4562	3976/1	22 01 01.4	31 31 08	32	0.130	0.012	1263.7	122.6	3.4	10.9	1.2	0	0.2	AH	Q
4562	3976/2	22 01 26.1	31 44 26	45	0.0218	0.0057	1263.7	16.6	2.4	3.8	0.8	0	14.3	H	H
4563	553/1	22 01 47.3	04 25 31	35	0.0577	0.0082	1226.2	52.8	3.2	7.0	1.1	0	0.9	H	BL
4564	4442/1	22 02 34.1	-01 03 17	52	0.042	0.011	1262.1	17.6	2.4	3.9	1.6	300	30.9	H	H
4565	5652/7	22 02 34.3	-56 42 47	51	*0.0325	0.0052	4688.0	46.1	7.9	6.3	1.0	703	30.0	EH	H
4566	10129/1	22 02 39.5	-00 55 09	56	*0.0060	0.0016	9271.8	25.4	22.6	3.7	0.7	702	23.0	H	H
4567	3230/1	22 02 56.6	46 59 30	31	0.357	0.026	705.9	187.9	2.1	13.6	1.2	0	0.2	H	CV
4568	130/1	22 03 01.7	-05 49 57	35	0.095	0.013	866.4	60.0	3.0	7.6	2.5	0	4.7	H	CLG
4569	3722/1	22 04 02.5	-41 13 02	56	0.0105	0.0028	4459.1	21.4	10.6	3.8	0.8	600	24.2	H	H
4570	3722/2	22 04 03.6	-40 59 23	38	0.0534	0.0045	4459.1	152.5	14.5	11.8	1.0	0	12.7	H	*
4571	6714/1	22 06 09.5	-47 24 36	31	2.137	0.051	1648.8	2611.8	353.2	42.1	1.3	0	0.6	AL	AGN
4571	2236/1	22 06 06.7	-47 24 30	48	*1.201	0.052	1331.7	885.4	15.9	23.2	1.2	602	18.3	AL	AGN
4572	5012/1	22 06 37.6	45 17 07	43	0.0071	0.0017	7778.7	34.7	14.3	4.1	0.6	0	12.6	L	L
4573	5012/2	22 06 39.7	45 29 54	31	1.268	0.018	7778.7	7343.4	1292.6	69.0	1.4	0	0.3	AL	S
4573	5015/1	22 06 39.8	45 29 57	31	1.261	0.037	1945.1	1826.7	322.3	34.3	1.4	0	0.2	AL	S
4573	5016/1	22 06 39.9	45 29 52	31	0.884	0.029	2171.6	1429.3	264.7	30.2	1.4	0	0.2	AL	S
4573	5014/1	22 06 40.0	45 29 51	31	1.172	0.023	4628.9	4039.4	663.6	51.5	1.4	0	0.2	AL	S
4573	5013/1	22 06 40.0	45 29 51	31	1.160	0.022	5093.7	4400.0	756.0	53.5	1.4	0	0.2	AL	S
4573	5011/1	22 06 40.0	45 29 52	31	1.230	0.022	4993.8	4574.8	722.1	55.0	1.4	0	0.3	AL	S
4574	7612/1	22 06 59.0	-04 54 26	53	0.0106	0.0027	5870.7	23.7	13.3	3.9	1.3	0	27.7	H	S
4575	6045/1	22 07 38.3	-12 24 09	31	0.0578	0.0058	7135.0	302.1	295.9	9.9	4.9	0	2.2	L	L
4576	9029/1	22 07 40.4	32 59 23	35	0.0538	0.0082	1223.9	47.9	5.1	6.6	1.1	0	3.5	H	H
4577	7612/2	22 07 57.6	-04 31 05	36	0.0097	0.0018	5870.7	42.2	17.8	5.4	1.3	0	0.2	H	H
4578	7612/3	22 09 10.3	-04 04 32	48	*0.0616	0.0059	5870.7	116.4	9.6	10.4	1.6	1109	32.1	H	H
4579	8438/1	22 09 30.6	18 27 07	31	0.233	0.013	1765.7	306.8	5.2	17.4	1.3	0	0.4	H	Q
4580	8438/2	22 09 40.8	17 58 11	56	0.0256	0.0068	1765.7	16.8	3.2	3.7	3.2	400	29.0	H	H
4581	5072/1	22 09 48.7	59 09 50	35	0.0376	0.0055	1952.3	54.5	8.5	6.9	1.0	0	0.4	H	S
4582	8438/3	22 09 51.9	17 59 39	52	0.0385	0.0079	1765.7	26.5	3.5	4.8	2.4	100	27.3	H	H
4583	8438/4	22 10 13.0	18 27 26	41	0.0510	0.0068	1765.7	60.7	5.3						

23^h50^m16.1^s — 23^h59^m51.9^s

Number		Position			Intensity		LIVE-TIME	Detection Params.			SIZE COR	RECO	R (')	Flags	
CAT	SEQ/FLD	RA (1950)	DEC (1950)	± (")	CT RATE	±		NET CTS	BKG CTS	S/N				SRC	ID
4785	6108/5	23 50 16.1	-28 42 25	52	*0.0051	0.0013	9870.4	28.1	24.9	3.9	0.7	805	16.9		
4786	6108/6	23 50 36.4	-28 26 14	43	0.0061	0.0013	9870.4	36.9	28.1	4.6	0.8	0	13.0		
4787	6108/7	23 51 09.3	-28 08 04	52	0.0133	0.0023	9870.4	48.1	20.9	5.8	1.3	0	28.3	H	
4788	314/1	23 51 38.4	-10 41 47	32	0.0888	0.0070	2557.9	168.0	9.0	12.6	2.7	0	0.9	H	CLG
4789	3236/1	23 52 30.9	28 21 23	31	1.156	0.036	1826.3	1524.2	209.8	32.1	1.3	0	3.8	L	
4790	314/2	23 52 51.4	-10 44 43	56	*0.0128	0.0035	2557.9	17.0	5.0	3.6	1.3	906	18.5	H	
4791	3236/2	23 53 21.1	28 19 24	43	0.0242	0.0057	1826.3	25.9	3.1	4.1	0.8	0	15.0	L	Q
4792	3167/1	23 53 29.4	07 14 34	35	0.0272	0.0043	2235.8	45.2	4.8	6.4	0.9	0	0.4	H	
4793	4618/1	23 53 40.6	47 13 26	38	0.0607	0.0055	3503.8	131.4	8.6	11.1	1.0	0	14.1	H	
4794	3167/2	23 53 59.6	07 13 59	43	0.0167	0.0036	2235.8	26.1	4.9	4.7	1.1	0	7.1	AH	Q
	2651/1	23 53 58.8	07 14 03	44	0.0126	0.0031	2417.3	21.2	6.8	4.0	0.8	0	7.4	A	Q
4795	4268/1	23 54 36.1	-34 58 34	51	*0.0392	0.0056	5966.8	56.7	9.3	7.0	4.2	804	31.5	EH	
4796	2146/1	23 55 17.0	-32 53 32	37	0.0220	0.0044	1849.7	29.8	6.2	5.0	1.1	0	2.5	H	G
4797	2952/1	23 56 05.0	-63 58 45	42	0.0213	0.0046	2020.6	26.3	5.7	4.7	1.1	0	14.3	H	
4798	5745/1	23 56 22.3	-60 52 44	41	0.0235	0.0033	4035.9	65.4	20.6	7.1	4.9	0	8.6	H	
4799	4268/2	23 56 29.6	-34 41 57	43	0.0070	0.0018	5966.8	26.0	17.0	4.0	0.8	0	12.0	H	
4800	5745/2	23 56 30.9	-61 11 32	47	0.0115	0.0027	4035.9	29.4	17.6	4.3	1.7	0	12.2		
4801	5669/1	23 56 44.5	06 35 17	36	0.0136	0.0023	4467.5	45.0	11.0	6.0	1.7	0	0.7	H	S
4802	4268/3	23 56 56.0	-34 34 55	52	0.0085	0.0020	5966.8	28.1	15.9	4.2	1.6	200	17.0	H	
4803	4268/4	23 57 06.6	-34 52 10	36	0.0071	0.0016	5966.8	31.4	19.6	4.4	0.9	0	0.4	H	Q
4804	4268/5	23 57 27.1	-35 20 17	52	0.0109	0.0027	5966.8	24.3	11.7	4.1	0.9	0	28.7	H	
4805	2952/2	23 57 33.1	-63 52 14	41	0.0510	0.0067	2020.6	63.0	6.0	7.6	1.1	0	14.1	H	
4806	8693/1	23 57 38.6	29 49 19	45	0.0125	0.0034	1970.8	16.6	4.4	3.6	1.1	0	9.0	H	
4807	5906/1	23 58 12.0	61 54 18	51	*0.0428	0.0078	1468.2	32.8	3.2	5.5	1.0	805	20.0	H	
4808	4268/6	23 58 37.8	-35 08 28	55	0.0086	0.0023	5966.8	22.6	12.4	3.8	1.0	200	25.3	H	
4809	6898/2	23 59 58.8	72 38 07	51	*0.0305	0.0048	2821.7	47.9	8.1	6.4	0.9	704	16.6	AH	
	4934/3	23 59 51.9	72 37 56	51	0.0202	0.0032	5194.5	50.2	12.8	6.3	0.9	400	21.6	A	

APPENDIX A

A Brief Description of the *Einstein* Observatory IPC

The Imaging Proportional Counter (IPC) has been described by Gorenstein, Harnden, and Fabricant (1981) and by Giacconi *et al.* (1979); additional information can also be found in Harnden *et al.* (1984). The following summary is meant only as a convenient reference for features of the IPC with which users should be familiar.

A.1 The Instrument

The counter body housed the electrodes in a density-regulated gas mixture (see Table A.1). The composition of the gas was passively maintained by the use of a controlled leak located in the vacuum box. An incoming photon produced a cascade which induced a pulse in both of the two "switchback" pattern wire cathodes which sandwich the anode. A gas gain of approximately 10^5 was obtained by operating the anode and cathodes (separated by 3 mm) at potentials of 3600 and 900 V, respectively. The measured pulse height depended on the intensity of the cascade, which in turn depended on the energy of the incident photon and the gain of the counter. The rise time of the pulse was proportional to the distance between the arrival location and the read-out circuits at each edge of the detector as the pulse propagated along the wire in both directions. The electronics were thus able to assign a (y, z) location (by comparing rise times at both ends of each wire), a pulse height, and a clock time for each event.

Processing of anode signals (event timing and pulse height analysis) provided 63 μ s resolution and 32 energy channels in the range from 0.1 to 4.5 keV. An in-flight calibration system produced alpha-particle fluoresced X rays at 0.28, 1.5, and 4.5 keV for determining relative detector gain.

Located within the same counter body behind the IPC electrodes and covering the same area was a background counter, the signals from which were used in anticoincidence to provide background rejection for the IPC.

A.2 Energy Characteristics

A.2.1 Effective Area (On-Axis)

The entrance window of the IPC was coated with Lexan to absorb the UV. The window itself absorbed X rays below about 0.15 keV, and also in the range 0.28–0.5 keV. The *Einstein* mirror ceased to reflect X-rays above about 4.5 keV. Figure A.1 is a plot of the effective area of the IPC (plus mirror) as a function of energy. The area is referred to the counts falling within a circle of radius 3'.

A.2.2 Spectral Resolution

The discriminators which measured pulse height encoded the information on the basis of 32 pulse height channels (0–31), which, for most subsequent purposes, were reduced to 16 channels (0–15). That is, channels 0 and 1 become channel 0, channels 2 and 3 become channel 1, etc., although channel 0 was not used because an electronic threshold fell in that channel. Throughout subsequent data processing channel specification is via a five-digit octal number:

	Energy or Pulse Height														
	(low)										(high)				
PI or PH channel	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Contributes	4	2	1	4	2	1	4	2	1	4	2	1	4	2	1
Octal flag	7			7			7			7			7		

For example, channel 7 and 11 only would be 00420K. [The "K" indicates an octal value.]

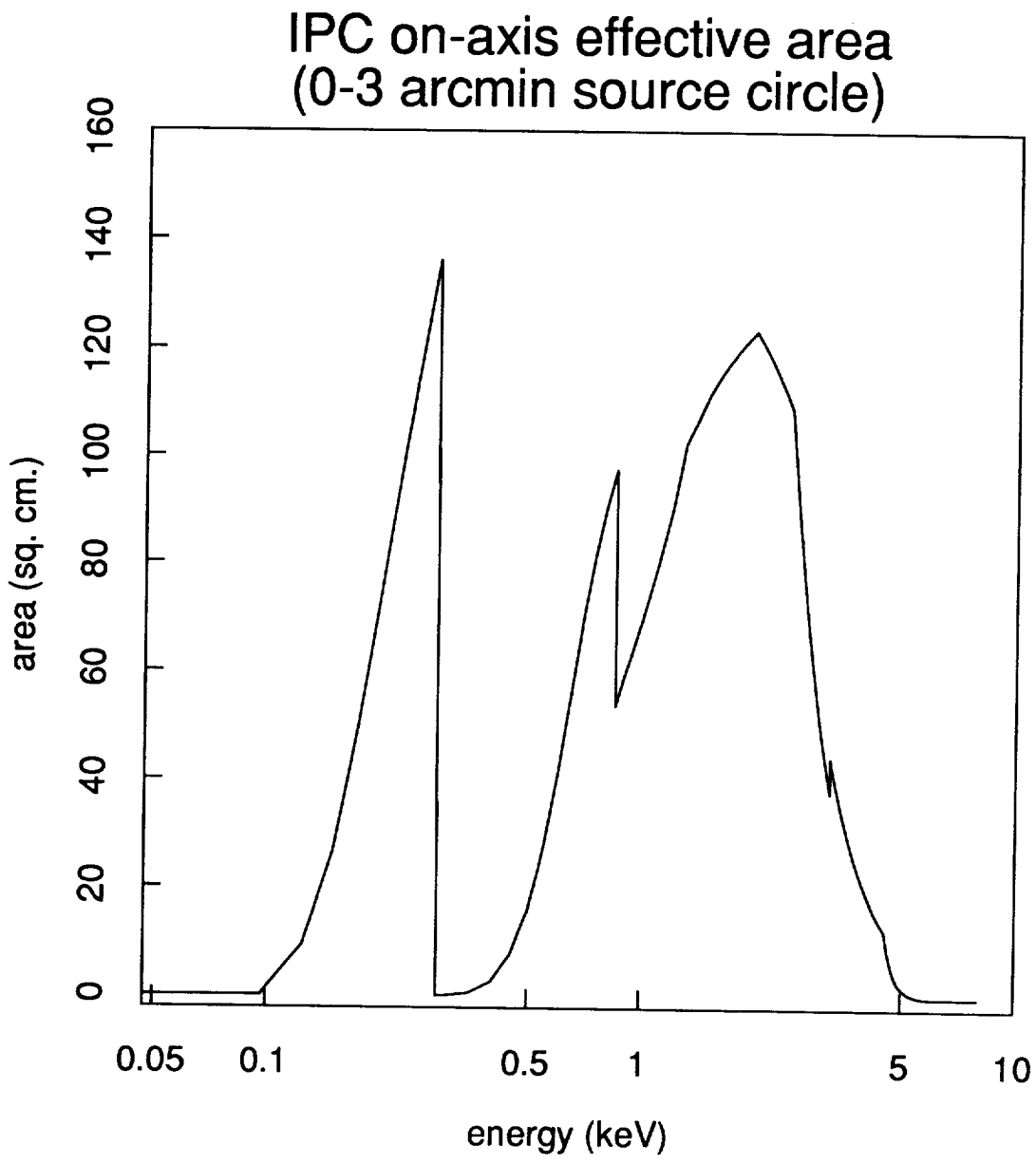


Fig. A.1.—Effective area of the IPC in square centimeters shown as a function of the energy. The area refers to the counts for an unresolved source which fall within the standard circle with a 3' radius.

Table A.1
IPC Efficiency Parameters

a) Entrance window	77% transmissive mesh 0.2 μm carbon dag 2 μm polypropylene 0.4 μm Lexan
b) Absorbing gas	800 torr, STP 4 cm deep Composition: argon 84% xenon 6% CO ₂ 10%
c) Active area ^a	76' \times 76' 38' \times 38', <i>unobstructed</i>
d) Sensitivity	$\sim 1 \text{ counts}^{-1}$ per $4 \times 10^{-11} \text{ ergs cm}^{-2} \text{ s}^{-1}$ (0.1–4 keV, Crab spectrum)
e) Non-X-ray background ^a	$1.5 \times 10^{-3} \text{ counts s}^{-1} \text{ mm}^{-2}$, 0.1–1.5 keV $1.5 \times 10^{-3} \text{ counts s}^{-1} \text{ mm}^{-2}$, 1.5–4 keV
f) Count rate capacity	125 s^{-1} , telemetry saturation limit

^aThe focal-plane scale is 1' = 1 mm.

To assign an energy to the incident photon, we need to know the detector gain, which was a function of high voltage and gas composition (both of which varied with time) and irregularities in the wire spacing (which varied with position in the detector). The temporal dependence is defined by “BAL,” the PH bin (0–31) at which the pulse height distribution for the on-board calibrator (aluminum X-ray) peaks. Only the central 4' \times 4' of the IPC was accurately calibrated with a celestial source for the positional variations of gain. A less accurate correction map derived from preflight calibration data is used for the rest of the field. In Rev1B processing, each event has a “PI channel” defined as well as a PH channel (PI standing for pulse-independent, i.e., binned according to energy). This PI binning incorporates both the temporal and spatial gain corrections. The energy resolution is about 100% FWHM at 1.5 keV and above, and 140% FWHM at 0.28 keV.

A.3 Spatial Resolution

The point response function (PRF) of the IPC is a quasi-Gaussian function with low level wings at large radial distance (due to mirror scattering). The size of the core (Gaussian part) is determined by how accurately the electronic processor can assign the correct location to each event. As the pulse height diminishes (lower gain or softer photons), the signal-to-noise ratio worsens and photons are assigned locations over larger and larger areas, even though they actually arrived at one location. The broad wings of the PRF, however, are caused by small scale imperfections on the mirror. These cause occasional but large deflections, which preferentially affect higher energy (shorter wavelength) photons.

The full width at half-maximum of the Gaussian core is shown in Figure A.2 as a function of pulse height. There is also a smaller dependence on energy (see Mauche and Gorenstein 1986 for details).

A.4 Timing

Time resolution for photon events is 63 μs ; the telemetry limit is $125 \text{ counts s}^{-1}$ (“primary science” channel), which causes a “Poisson” dead time of approximately 4% for fields with typical count rates of about 10 s^{-1} .

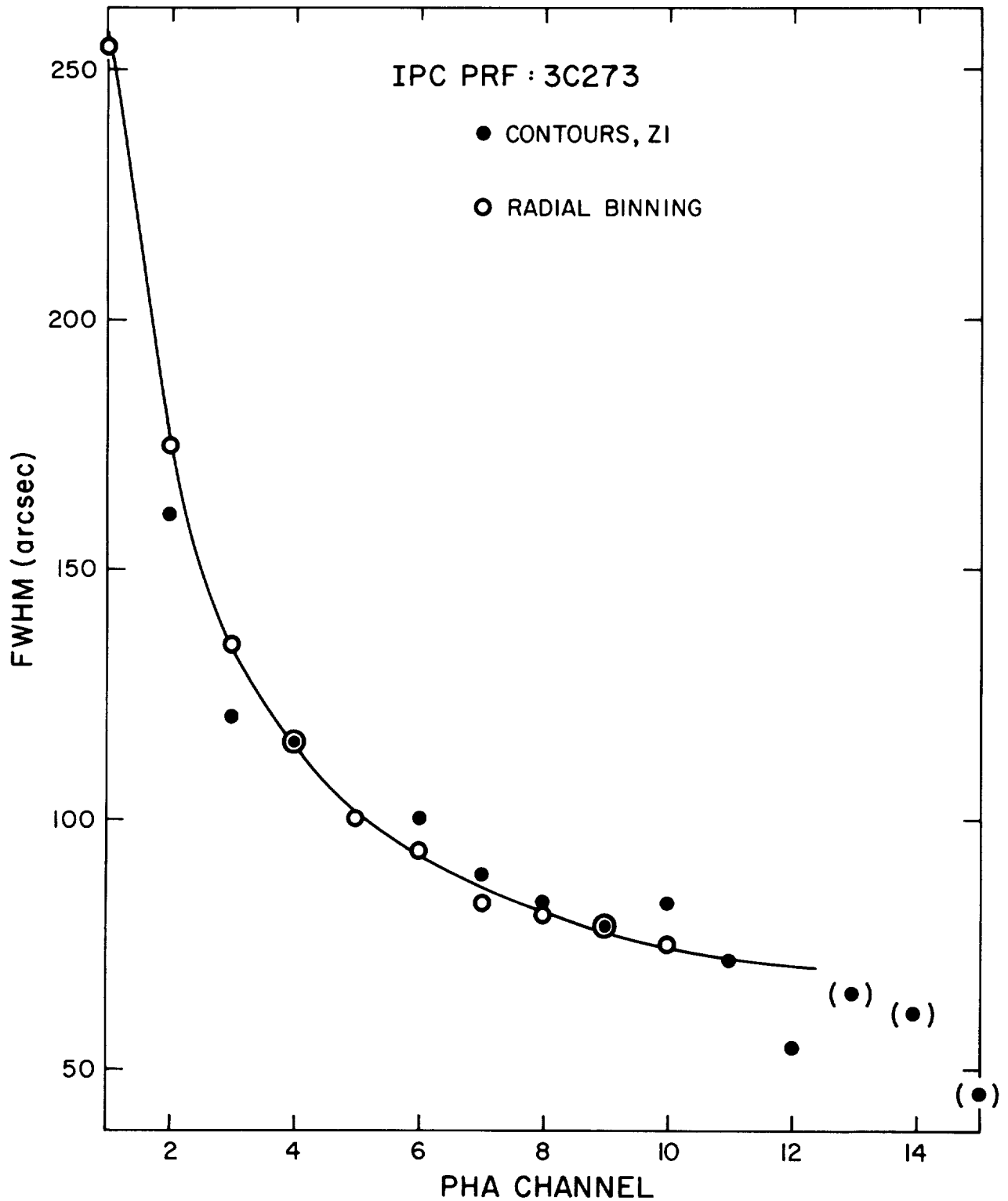


Fig. A.2.—Point response function of the IPC. The full width half-maximum (FWHM) effective Gaussian size of the core of the PRF is shown for the pulse-height analysis (PHA) channels. The figures were derived from an observation of 3C 273. After isolating counts in each channel separately, the width of the core was measured by smoothing the image with a Gaussian function, measuring the resulting FWHM, and then deconvolving the smoothing function to determine the original size of the photon distribution. A second measurement was made by radial binning of the photons.

A.5 Off-Axis Behavior

A.5.1 Vignetting

As discussed by Harnden *et al.* (1984), off-axis X rays (those which are not parallel to the mirror's optical axis) strike the mirror's surface at a relatively steeper angle and are reflected with greater geometric losses (and, to a lesser extent, lower efficiency), leading to an off-axis vignetting which is a function of energy. Preflight calibration measurements (interpolated via an *a priori* model) were used to generate effective area tables; Table A.5 shows the off-axis dependence of the effective area for carbon K X-rays.

For the purposes of estimating absolute source count rates and fluxes, however, a simpler vignetting expression was used. Since the vignetting correction is approximately constant for energies below 1.5 keV, a correction based upon this energy alone can be used. A two region analytic fit to the 1.5 keV calibration vignetting profile yielded the following algorithm:

$$\text{VIGN} = 0.997 - (0.0003125 \cdot \text{ANG} + 0.00825) \cdot \text{ANG}$$

when ANG is less than or equal to 12 arcmin, and

$$\text{VIGN} = 1.1049 - 0.02136 \cdot \text{ANG}$$

when ANG is greater than 12', and where ANG is the off-axis angle in arcminutes.

To correct source count rates for vignetting effects, one divides the measured count rate by VIGN.

A.5.2 Ghost Images

During preflight calibration, it was confirmed that a strong source outside the field of view but within 2° of the optical axis could produce (ringlike) features within the field. We reproduce here a table of effective area of the mirror at 0.28 keV as a function of distance from the field center (at a position angle of 45° in detector coordinates).

Table A.5
Off-Axis IPC Effective Area

Off-Axis Angle (arcmin)	Effective Area (cm ² at 0.28 keV)
0	104
40	21
42.4 = "masked out" edge	...
45	17
50	6
53.7 = physical field-of-view edge	...
55	1.7
60	1.3
65	0.8
70	0.6
75	0.7
80	0.5
85	0.2
100	0.06
>112	0

In this catalog, the field flag "G" (cf. § 3.7) indicates the presence of a feature that is probably a ghost image. Known examples are caused by LMC X-1 (I6300 and I6301); the Crab Nebula (I5480); GX5-1 (I3124); and a strong source, probably NGC 6441, near the galactic center (I2536).

A.5.3 Effects of the Window Support Structure (“Ribs”)

The use of IPC data outside a radius $> 16'$ is fraught with difficulties:

1. The rib shadows (tic-tac-toe pattern from the detector window support structure) are not centered on ($Y=511.5, Z=511.5$); the geometric center of the ribs actually lies at ($Y=507.7, Z=499.3$) in a non-ASPECT-corrected image file.
2. The effective “size” of the ribs is somewhat dependent upon X-ray energy (because the cone angle of entering, focused X rays depends on energy).
3. The gain of the detector, which varies widely across the field, is generally depressed in the region near the ribs (because of electric field distortions caused by the presence of the ribs).
4. The IMAGE files smear out the position of the ribs because different detector orientations are combined by the ASPECT solution in creating the files in celestial coordinates.

As a consequence of these effects, data near the ribs must be used with caution. In Figure A.3 we show a projection of the standard background map (compiled from a number of deep survey observations). The projections do not show the full degree of shadowing because some of the counts (under the ribs) come from particle events. However, it is clear that the attenuation reaches at least 50%, that the projected attenuation curves are different for each rib, and that whereas the FWHM is of order 25 pixels, the full width of the area showing significant attenuation is roughly twice this value.

A.6 Source Detection Algorithms

There are subtle differences between the two detect algorithms employed in Rev1B. Whereas MDETECT results are always used when both are available, LDETECT was the only method used for about 25% of the observations (see § A.6.2).

A.6.1 Local Detect — “LDETECT”

LDETECT employs a “sliding window and frame” algorithm. The side of the detect cells, d , for the three energy bands are 18 pixels (an IPC pixel is $8''$) for HARD (0.81–3.5 keV) and BROAD (0.16–3.5 keV) and 30 pixels for SOFT (0.16–0.81 keV). These cells are divided into 3×3 subcells of dimension $s = d/3$ pixels. The 16 subcells which frame the 3×3 window are used to determine the local background. A detection is achieved if the number of counts within the detection cell is sufficiently greater than that in the frame so that the signal-to-noise ratio exceeds a set threshold. Contiguous or overlapping detections are reduced to a single discrete source.

A.6.1.1 Position of Detect Cells

The nonzero portion of the image is a 450×450 pixel array ($1^\circ \times 1^\circ$), rotated by the roll angle so that celestial north is toward the top. This is embedded in a 1024×1024 pixel array with (0,0) in the upper left-hand corner (northeast). The field center is at (511.5, 511.5).

The initial position of the center of the LDETECT cell is at $Y(0) = (2.5s + 0.5)$, $Z(0) = (0.5s + 0.5)$, where s = subcell size = 10 IPC pixels (SOFT), and 6 pixels (HARD or BROAD). Successive positions move west (increasing Y) with step size s [e.g., $Y(1) = Y(0) + s$, etc.]. When the “line” is finished ($Y \approx 1023$), the next line commences with center at $Y(0)$, $Z(1)$, where $Z(1) = Z(0) + s$.

The general expressions which define the location of the original detect cells are thus

$$\begin{aligned} Y(i) &= (2.5s + 0.5) + is, \\ Z(i) &= (0.5s + 0.5) + is, \end{aligned}$$

where i is an integer commencing with 0.

A.6.1.2 Evaluation

Bearing in mind the “window” (i.e., 3×3 subcell detect box) and the “frame” (i.e., the 16 subcells surrounding the window) we note that LDETECT is optimized for detection of pointlike sources, i.e., those whose spatial (count)

COMPOSITE DEEP SURVEY MAP (BROAD): PROJECTIONS FROM
BOX 138 PIXELS WIDE.

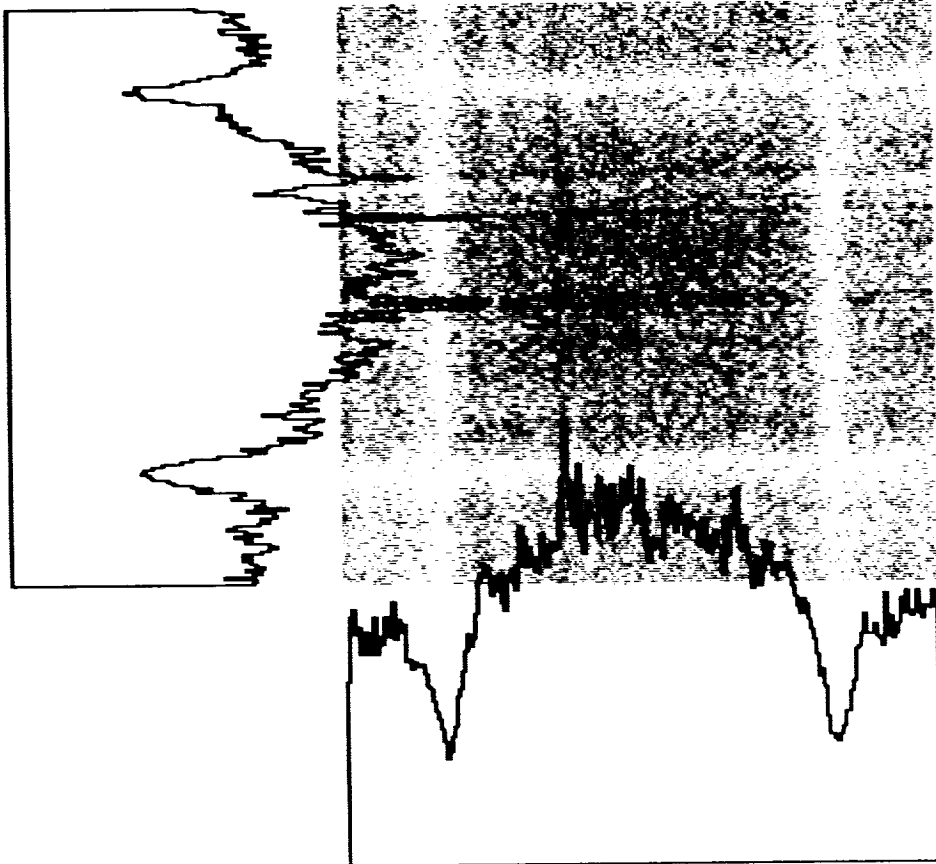


Fig. A.3.—Projections of the composite deep survey map used in constructing background maps for the BROAD energy band. The projections come from a rectangle of width 138 pixels. Note that the attenuation curves of the ribs are not the same. The narrow linear features are caused by differences in gain from wire to wire (unequal wire spacing).

distribution closely conforms to that of the point response function (PRF, an approximate Gaussian). In fact, this specialization is sharpened by the algorithm which separates source counts, S , from background counts, B , on the basis of the observed counts in the window and in the window plus frame. The only method to achieve this separation without using a global background (as in MDETECT) is to make assumptions about the distribution of source counts and background counts within the frame and window. Because LDETECT assumes that each candidate source is unresolved (i.e., the distribution mimics the PRF), and that the background is uniform, erroneous results can be obtained whenever a distribution for a source candidate deviates significantly from the PRF. Details of the algorithm are given in § 3.6.1.1 of Harnden *et al.* (1984). Here we excerpt the expressions for total source counts, S , and background counts normalized to the detect cell area, B , when RECO=0 (RECO is the ribs and edges code, and RECO=0 means that the source location is not close to an edge of the detector or to a rib shadow of the window support structure):

$$\begin{aligned} S &= 2.019 \times C - 0.727 \times T &= \text{Total counts attributed to the source,} \\ B &= 0.621 \times T - 0.724 \times C &= \text{Total counts attributed to background,} \\ & & \text{normalized to the area of the DETECT cell,} \end{aligned}$$

where C = total counts in the window and T = total counts in the window and frame.

Consider an extended source: the background in the frame will be much greater than the field average (as measured in the 8'-15' annulus), and the source will have a lower computed intensity than would be found for the same number of counts in a window with a frame having a normal background.

On the other hand, real sources close to threshold and spurious sources (a spatial enhancement caused by statistical fluctuations) will often display a distribution which is more strongly peaked than the PRF (statistical fluctuations with scale sizes greater than the PRF are selectively rejected by LDETECT just as extended sources are attenuated). Peaked distributions fool LDETECT into interpreting many background photons as source photons: the source intensity is artificially enhanced with an anomalously low background. For these reasons, LDETECT source intensities are subject to systematic uncertainties.

A.6.1.3 Signal-to-Noise and Threshold

Based on simulations, a signal-to-noise threshold is chosen to yield (on average) 1/3 spurious source per field per energy band. Thresholds so determined depend both upon the background level and upon the number of DETECT cells per field. Each source detection will have its local value of background with its corresponding threshold counts (greater or less than the global value) necessary to yield a local signal-to-noise ratio equal to the global signal-to-noise threshold. The crux of the LDETECT algorithm is the use of a fixed signal-to-noise threshold as opposed to a counts threshold.

With C and T as defined above, the expression for the signal-to-noise ratio z is:

$$z = \frac{(\frac{25}{9})C - T}{\sqrt{[(\frac{16}{9})^2 - 1]C + T}}$$

In order not to miss weak sources which lie near the edge of DETECT cells, a reduced threshold is employed, and whenever the sliding DETECT cell satisfies this criterion, it sets a flag in a bitmap of the image field. Contiguous or overlapping flagged cells are then considered to be a candidate source. After an accurate position for each candidate source has been determined and tested against the original signal-to-noise threshold, all redundant detections within each band and among the three energy bands are matched to form a final list of "L" sources.

A.6.2 Map Detect — "MDETECT"

MDETECT also employs a sliding DETECT cell (of the same size used in LDETECT), but relies on a global background map to estimate the local background for each position. In order to anticipate fields containing excess emission which might cause MDETECT to find a large number of spurious sources, a procedure was devised in Rev1B processing to flag fields containing very strong sources or extended or anomalous emission. This "extended emission" may be caused by bright extended sources such as clusters or supernova remnants, by scattered X rays from the sunlit Earth, or by other anomalous effects.

The test is based on the total field counts after subtracting all LDETECT sources. First, if any L source is brighter than 0.6 counts s⁻¹, MDETECT is not run (otherwise, there would be many spurious M detections in the

wings of the PRF). Next, the residual count rate for the whole field is compared with the expected rate for a normal field with the same live time. If the observed rate exceeds the expected rate by more than 0.5 counts s⁻¹ in one energy band and by more than 0.25 counts s⁻¹ in a second band, then MDETECT was not run.

A.6.2.1 Construction of the MDETECT Background Map

The background map is a linear combination of two reference maps. The first, “DSMAP,” is constructed from “Deep Survey” (long exposures on fields free of strong sources). The second, “BEMAP,” comes from data taken on the bright Earth (scattered and fluorescent solar X rays).

After subtraction of the count rate for sources found by LDETECT, the total field count rate is compared with that of the DSMAP, which has been scaled to the live time of the observation. If the observed rate differs from that of the DSMAP, then a contribution from the BEMAP will be added to (or subtracted from) the scaled DSMAP to produce the background map.

A.6.2.2 Signal-to-Noise Threshold

The background map provides an estimate of the background level which varies with location within the field. For source detection, we again employ a signal-to-noise threshold rather than a threshold on the number of counts. The threshold is found by simulations to be that signal-to-noise level which produces 1/3 spurious source per field (per energy band) for the background map.

For MDETECT (cf. § 3.6.1.1.3 of Harnden *et al.* 1984) there is a much smaller uncertainty associated with the background determination which comes from long exposures. The signal-to-noise threshold z is computed as

$$z = \frac{C - M}{\sqrt{C}},$$

where C = the total counts in the detect cell (as for LDETECT); M = the counts in the same cell, but measured on the scaled background map. Since the background map is a composite map with a very long exposure, the contribution to the uncertainty from the scaled background map is assumed to be negligible in Rev1B processing.

A.6.2.3 Evaluation

Analysis then proceeds in the manner described for LDETECT. MDETECT is superior to LDETECT in that the MDETECT background level is more accurately known *and* assumptions about source structure are relaxed (although the scattering correction to obtain the actual source counts still assumes a PRF distribution). However, the measured source intensity is still determined by the counts in the detect cell, and thus the intensity will be underestimated for significantly extended sources.

MDETECT makes no corrections for rib shadows. Source intensities may be underestimated if RECO is greater than zero (i.e., partially obscured detect cell).

APPENDIX B

Upper Limits to X-Ray Emission from Point Sources

Inspection of the IPC images presented in the catalog allows one to retrieve information on detected sources and to determine whether particular astronomical objects are X-ray sources. If an object is not detected as an X-ray source, it is still possible to determine an upper limit to its X-ray emission at a specified level of confidence. This requires a determination of the background in the image at the object's location, an estimate of X-ray counts at the location from any nearby, known X-ray sources, and a determination of instrumental corrections, such as vignetting, to apply to the data. In general, this is achieved through a detailed analysis of the X-ray image and background maps derived in standard IPC processing.

However, under the following assumptions, it is possible to estimate upper limits for point sources from information contained in the catalog pages and in this appendix:

1. The object is assumed to be a point source of X-rays, so that upper limits may be calculated in a manner analogous to the calculation of point source count rates. In particular, a standard $2'.4 \times 2'.4$ (18×18 IPC pixels) detect cell is used. Corrections for the redistribution of source counts outside the detect cell due to mirror scattering and point response function are well known.
2. The object is located well within the area covered by an IPC image, and is outside the area "obscured" by the window support structure ("ribs"). Thus, the vignetting correction is the only necessary "exposure" correction.
3. The object is not located near X-ray emission attributable to other X-ray sources in the field. The only other source of X-rays at the object's location is background. The counts N required to detect a source at an $n \sigma$ confidence level in the presence of background B in the detect cell are then given by

$$n = N/\sqrt{N + B}$$

4. The image is composed of data intervals ("HUTs") obtained at similar orientations in both pointing direction and roll angle. There is thus a one-to-one correspondence between celestial position and detector location. Such images are identified by a rectangular grid or "road map" (a through y , 1 through 25) on the perimeter of the image. The road map may be used to determine the background and instrumental corrections at a given detector location.

Under these conditions, upper limits may be calculated as follows:

1. Determine the road map coordinates (x, y) of the location of interest.
2. Determine the background per detect cell at that location. Tables B.1 and B.2 of this appendix give templates for counts per detect cell for the DS and BE components of the background maps (see §§ 4.1 and A.6.2.1 for a description of the determination of the background maps). The templates are normalized to 1000 counts, and are accessed using road map coordinates. The total numbers of DS and BE counts in the background map are listed on the catalog page, next to the legends "DS BKG CNTS" and "BE BKG CNTS." Note that the BE counts may be negative. The background per detect cell is thus given by

$$B(x, y) = [B.1(x, y) \times \text{DS BKG CNTS}/1000] + [B.2(x, y) \times \text{BE BKG CNTS}/1000]$$

If MDETECT has not been run and the BEMAP contribution to the background map has been set to 0.0 (cf. Appendix A), then $B(x, y)$ can be estimated as the sum of the first term above and the count level at (x, y) as inferred from the map contours. The surface brightness (counts arcmin⁻²) is read from the map and multiplied by the detect cell area ($2'.4 \times 2'.4$) to obtain the count level to be substituted for the B.2 term, as illustrated below in Example 4.

3. Determine the counts per detect cell, N , required to detect a source at the desired $n \sigma$ confidence level from

$$N(n, x, y) = (n^2/2) \left[1 + \sqrt{1 + 4[B(x, y)/n^2]} \right]$$

Since the catalog contains sources detected at or above 3.5σ , the use of $n = 3.5$ is suggested.

Appendix B: Upper Limits to X-Ray Emission

4. Determine the live time for the sequence.
5. Determine the correction factors at (x, y) needed to calculate the corrected count rate, CCS, from N and the live time. The correction factors account for the redistribution of source photons outside the detect cell due to the point response function and large-angle mirror scattering, and for the loss of effective area due to telescope vignetting. The product of all the correction factors is tabulated in Table B.3.

The computation of the upper limit, UL, to the X-ray emission (in corrected counts s^{-1}) at a given location (x,y) and at a given confidence level (n) is then obtained from

$$UL(x, y, n) = B.3(x, y)N(x, y, n)/\text{Live Time}$$

The conversion of the upper limit in counts s^{-1} to flux in $\text{ergs cm}^{-2} s^{-1}$ is then performed as described in Appendix C.

Examples

Here are a few examples of upper limit calculations (with fictitious sources and locations).

1. An observer is interested in knowing whether a faint star, located at $21^{\text{h}}00^{\text{m}}00.0^{\text{s}}$, $+88^{\circ}00'00.0''$, is an X-ray source. The region of sky containing this star has been observed by *Einstein* (sequence 1969). Inspection of this sequence indicates that (a) a road map exists (thus allowing a reliable determination of the background counts at various locations within the image) and (b) at the location of the star there is no evidence of X-ray emission, nor is the region affected by the "ribs." An upper limit to the X-ray emission of the star can therefore be reliably computed. The star's celestial position corresponds to detector position (o,9) in sequence 1969. For this sequence,

DS BKG CNTS	=	2222.44,
BE BKG CNTS	=	-138.54,
LIVE TIME	=	1800.9,
B.1(o,9)	=	2.08,
B.2(o,9)	=	2.29,
B.3(o,9)	=	1.53.

The number of background counts in the detection cell (broad band, 0.2–3.5 keV) at the detector position (o,9) is thus given by:

$$B(o,9) = (2222.44 \times 2.08/1000) + (-138.54 \times 2.29/1000) = 4.31$$

The number of net counts that a source should have had in order to be detected at the 3.5σ confidence level at the position (o,9) over a background level of 4.31 counts is given by

$$N(3.5, o, 9) = (3.5^2/2) \left[1 + \sqrt{1 + 4(4.31/3.5^2)} \right] = 15.63$$

Finally,

$$UL(3.5,o,9) = 15.63 \times 1.53/1800.9 = 1.33 \times 10^{-2} \text{ counts } s^{-1}$$

If the star is assumed to be nearby, no significant amount of hydrogen in the line of sight is present. Furthermore, the star can be characterized by a Raymond-Smith spectrum with a temperature of 0.3 keV. Inspection of Table C.3 from Appendix C indicates that a constant of $2.0E-11$ is appropriate to convert counts s^{-1} into $\text{ergs cm}^{-2} s^{-1}$ for this object. One then finds that the X-ray emission from the star in the 0.2–3.5 keV band is less than $2.7 \times 10^{-13} \text{ ergs cm}^{-2} s^{-1}$ at the 3.5σ confidence level.

2. A high redshift quasar has been discovered at $11^{\text{h}}25^{\text{m}}00^{\text{s}} +71^{\circ}15'00''$. Since this region of the sky has been observed by *Einstein* (sequence 172) the observer is interested in checking whether the quasar has been detected in X-rays.

Inspection of sequence number 172 reveals that the observation is the result of 2 "HUTs" with very different roll angles (the road map is absent). A simple computation of an upper limit (there is no evidence of a source at the position of interest) is therefore not possible. Data should be manually analyzed in order to extract the desired information.

3. Is Anon 0734+1800 an X-ray source? Its position is well within sequence 1992. However, it falls in a region "obscured" by the detector's window support structure. A computation of an upper limit therefore leads to an unreliable result.
4. A Seyfert galaxy is discovered at $02^{\text{h}}57^{\text{m}}00^{\text{s}} +13^{\circ}30'00''$. An IPC observation of the region is available (sequence 1776). The source is not detected, and an upper limit at the 3.5σ level is sought.

The celestial position of the Seyfert galaxy corresponds to detector coordinates $(n,7)$. For sequence 1776,

DS BKG CNTS	=	10638.8,
BE BKG CNTS	=	0.0,
Live time	=	8620.9,
B.1($n,7$)	=	1.94,
B.2($n,7$)	=	2.24,
B.3($n,7$)	=	1.68.

Inspection of the contour map indicates the presence of diffuse X-ray emission, which makes the normalization of the background map to the image by addition or subtraction of BE counts unreliable. In such cases, the contribution of BE counts to the background map (BE BKG CNTS) is set to 0.0, with the result that the background cannot be estimated using the BEMAP contribution (B.2). However, an upper limit can still be estimated by inferring the net counts at (x, y) from the contour map. In this example, we see that the surface brightness at $(n,7)$ is below the first contour, whose value of $4.4 \text{ counts arcmin}^{-2}$ we use in the following calculation

$$B(n,7) = (10,638.8 \times 1.94/1000) + (4.4 \times 2.4^2) = 46.0 \text{ counts},$$

$$N(3.5, n, 7) = (3.5^2/2) \left(1 + \sqrt{1 + 4(46.0/3.5^2)} \right) = 30.6 \text{ counts},$$

and finally,

$$\text{UL}(3.5, n, 7) = 30.6 \times 1.68 / 8620.9 = 6.0 \times 10^{-3} \text{ counts s}^{-1}.$$

Because the nearby diffuse X-ray emission contributes to the surface brightness at the location of our putative galaxy, this estimate of the upper limit is higher than might be derived by a careful analysis of the actual image data. Hence the value derived here represents a conservative (i.e., greater than 3.5σ) upper limit.

Table B.1
DSMAP Template

	a	b	c	d	e	f	g	h	i	j	k	l	m
1	1.357	1.354	1.495	1.137	0.984	1.534	1.384	1.595	1.567	1.625	1.372	1.583	1.402
2	1.435	1.285	1.462	1.119	0.954	1.646	1.435	1.528	1.564	1.727	1.637	1.676	1.595
3	1.375	1.285	1.176	0.912	0.945	1.447	1.330	1.393	1.682	1.667	1.495	1.629	1.546
4	1.038	1.023	1.002	0.851	0.809	1.083	0.939	1.017	1.125	0.951	0.999	0.999	0.969
5	1.381	1.351	1.369	1.059	0.915	1.543	1.468	1.531	1.510	1.516	1.414	1.537	1.390
6	1.345	1.381	1.522	1.276	1.080	1.694	1.528	1.718	1.767	1.796	1.775	1.814	1.543
7	1.474	1.294	1.561	1.203	1.036	1.775	1.771	1.835	1.977	2.136	1.992	2.127	2.069
8	1.291	1.513	1.444	1.137	0.978	1.880	1.778	1.818	1.818	2.554	2.070	1.985	2.042
9	1.342	1.510	1.468	1.149	0.997	1.636	1.638	1.920	2.019	2.470	2.107	2.043	2.229
10	1.640	1.799	1.612	1.191	1.093	1.877	2.129	2.145	2.383	2.752	2.617	2.514	2.633
11	1.625	1.567	1.570	1.233	1.056	2.173	2.034	2.202	2.298	2.853	2.525	2.670	2.569
12	1.661	1.525	1.501	1.146	1.020	1.814	1.962	2.272	2.153	2.390	2.384	2.479	2.411
13	1.745	1.629	1.481	1.333	1.007	1.841	1.853	2.170	2.254	2.743	2.711	2.752	2.368
14	1.574	1.653	1.511	1.342	1.082	1.880	1.864	2.206	2.503	2.636	2.530	2.698	2.302
15	1.664	1.628	1.567	1.079	1.163	1.667	2.078	2.104	2.353	2.533	2.557	2.522	2.659
16	1.562	1.864	1.559	1.293	1.176	1.989	1.956	2.290	2.088	2.410	2.320	2.396	2.179
17	1.268	1.623	1.571	1.315	1.023	1.778	1.956	1.772	1.929	2.106	2.061	2.123	2.025
18	1.537	1.465	1.622	1.222	1.113	1.700	1.713	1.859	1.727	1.826	1.982	2.019	1.943
19	1.561	1.534	1.522	1.231	1.146	1.925	1.921	2.085	1.667	2.028	1.882	1.974	1.863
20	1.116	1.378	1.086	0.900	0.900	1.316	1.253	1.234	1.237	1.342	1.342	1.324	1.246
21	0.767	0.879	0.873	0.752	0.797	1.119	1.082	1.098	1.080	1.291	1.153	1.162	1.131
22	1.246	1.203	1.212	1.011	0.951	1.751	1.456	1.414	1.555	1.721	1.823	1.850	1.641
23	1.297	1.209	1.303	1.053	1.203	1.662	1.361	1.337	1.375	1.772	1.519	1.836	1.694
24	1.222	1.252	1.243	1.101	0.936	1.651	1.657	1.451	1.471	1.712	1.592	1.726	1.516
25	1.330	1.378	1.203	1.032	1.020	1.674	1.512	1.498	1.547	1.762	1.589	1.544	1.579

	n	o	p	q	r	s	t	u	v	w	x	y
1	1.601	1.503	1.444	1.519	1.598	1.712	1.345	0.978	1.218	1.339	1.420	1.456
2	1.733	1.476	1.602	1.501	1.411	1.592	1.471	0.969	1.200	1.321	1.571	1.498
3	1.584	1.504	1.522	1.604	1.483	1.498	1.384	0.936	1.237	1.378	1.345	1.255
4	1.131	0.942	1.029	1.134	1.011	0.954	0.978	0.749	0.966	0.960	1.017	0.966
5	1.474	1.348	1.264	1.372	1.348	1.534	1.396	0.915	1.167	1.327	1.258	1.264
6	1.628	1.676	1.558	1.685	1.616	1.682	1.486	1.071	1.185	1.345	1.471	1.561
7	1.942	1.953	1.974	2.038	1.853	1.775	1.555	1.059	1.131	1.471	1.784	1.772
8	2.164	2.202	2.074	1.826	1.899	2.144	1.607	0.951	1.264	1.453	1.459	1.528
9	2.340	2.075	2.258	2.020	1.992	1.991	1.649	1.038	1.405	1.580	1.670	1.679
10	2.320	2.305	2.287	2.292	2.133	2.118	1.637	0.939	1.231	1.586	1.745	1.781
11	2.560	2.823	2.346	2.452	2.335	2.058	1.661	1.077	1.580	1.610	1.691	1.865
12	2.437	2.640	2.394	2.398	2.025	2.037	1.619	0.990	1.428	1.499	1.823	1.549
13	2.569	2.362	2.383	2.404	2.199	2.010	1.721	1.087	1.562	1.953	1.698	1.953
14	2.214	2.380	2.103	2.418	1.946	2.085	1.619	0.906	1.455	1.743	1.651	1.736
15	2.157	2.229	2.124	2.167	2.177	2.145	1.835	1.020	1.390	1.522	1.751	2.067
16	2.326	2.182	2.214	2.242	1.987	1.898	1.658	1.083	1.408	1.730	1.817	1.838
17	2.166	1.941	2.002	2.186	1.842	1.788	1.604	1.086	1.197	1.558	1.664	1.715
18	1.943	1.926	1.965	2.073	1.765	1.841	1.751	1.020	1.267	1.619	1.778	1.661
19	1.989	1.905	1.910	1.971	1.637	1.944	1.700	1.035	1.375	1.516	1.745	1.637
20	1.241	1.243	1.300	1.234	1.194	1.279	1.222	0.767	1.014	1.113	1.044	1.194
21	1.059	1.107	1.119	1.270	1.101	1.050	1.116	0.794	0.842	0.957	1.065	1.110
22	1.583	1.660	1.537	1.537	1.480	1.444	1.378	0.960	1.056	1.318	1.447	1.255
23	1.567	1.348	1.592	1.435	1.408	1.480	1.261	0.752	0.969	1.188	1.306	1.267
24	1.728	1.555	1.685	1.652	1.631	1.510	1.170	0.827	1.079	1.237	1.486	1.231
25	1.528	1.540	1.670	1.691	1.426	1.619	1.372	0.975	1.069	1.291	1.619	1.348

Table B.2
BEMAP Template

	a	b	c	d	e	f	g	h	i	j	k	l	m
1	1.128	1.116	1.215	0.749	0.579	1.427	1.286	1.503	1.526	1.647	1.543	1.601	1.486
2	1.219	1.131	1.289	0.767	0.614	1.553	1.418	1.576	1.585	1.740	1.605	1.707	1.669
3	1.031	0.997	1.112	0.580	0.432	1.212	1.172	1.391	1.417	1.621	1.423	1.494	1.458
4	0.439	0.453	0.429	0.224	0.203	0.465	0.502	0.600	0.590	0.616	0.576	0.564	0.532
5	1.010	1.062	1.284	0.820	0.589	1.597	1.342	1.395	1.354	1.457	1.281	1.318	1.282
6	1.371	1.474	1.638	1.157	0.815	1.936	1.819	1.893	1.780	2.023	1.830	1.843	1.727
7	1.509	1.572	1.739	1.246	0.797	2.063	1.962	2.086	2.023	2.208	1.937	2.069	2.042
8	1.541	1.489	1.598	1.090	0.722	1.926	1.829	2.006	1.998	2.247	2.029	2.146	2.179
9	1.434	1.474	1.563	1.071	0.627	1.760	1.807	2.014	2.018	2.336	2.147	2.349	2.321
10	1.535	1.595	1.731	1.208	0.697	1.927	2.038	2.326	2.347	2.772	2.571	2.834	2.591
11	1.508	1.512	1.715	1.152	0.690	2.079	2.227	2.524	2.601	2.972	2.674	2.818	2.619
12	1.402	1.479	1.667	1.152	0.669	1.878	1.952	2.347	2.514	2.934	2.641	2.751	2.580
13	1.445	1.531	1.625	1.118	0.673	1.844	1.912	2.249	2.640	3.191	2.940	3.138	2.939
14	1.567	1.699	1.798	1.300	0.737	2.002	2.012	2.399	2.616	3.132	2.911	3.104	2.932
15	1.642	1.716	1.829	1.241	0.736	2.044	2.140	2.408	2.521	3.108	2.935	3.002	2.813
16	1.642	1.709	1.844	1.264	0.792	2.164	2.188	2.373	2.559	3.039	2.852	3.005	2.979
17	1.463	1.556	1.742	1.200	0.794	1.981	2.002	2.144	2.372	2.789	2.568	2.789	2.694
18	1.429	1.509	1.668	1.102	0.750	1.887	1.855	2.036	2.203	2.498	2.186	2.392	2.431
19	1.418	1.543	1.671	1.031	0.785	2.126	2.067	2.035	2.085	2.448	2.137	2.176	2.040
20	0.885	0.986	1.070	0.605	0.458	1.307	1.255	1.176	1.185	1.285	1.161	1.181	1.086
21	0.498	0.549	0.538	0.300	0.278	0.752	0.823	0.841	0.888	1.015	0.924	0.958	0.961
22	1.079	1.180	1.260	0.738	0.620	1.761	1.764	1.634	1.880	2.197	1.904	1.984	1.964
23	1.184	1.234	1.262	0.774	0.645	1.631	1.630	1.676	1.891	2.139	1.831	1.858	1.898
24	1.094	1.164	1.164	0.747	0.607	1.494	1.529	1.514	1.695	1.952	1.736	1.743	1.740
25	1.053	1.152	1.200	0.757	0.586	1.549	1.500	1.468	1.557	1.749	1.595	1.684	1.691

	n	o	p	q	r	s	t	u	v	w	x	y
1	1.649	1.470	1.341	1.404	1.426	1.446	1.191	0.558	0.778	1.038	1.238	1.237
2	1.783	1.552	1.506	1.535	1.537	1.552	1.276	0.595	0.817	1.097	1.269	1.162
3	1.655	1.471	1.419	1.391	1.318	1.332	1.088	0.496	0.763	0.995	1.049	0.887
4	0.637	0.583	0.598	0.585	0.578	0.573	0.554	0.263	0.348	0.504	0.483	0.458
5	1.454	1.314	1.370	1.458	1.416	1.525	1.337	0.637	0.942	1.086	1.171	1.065
6	1.863	1.653	1.715	1.823	1.731	1.861	1.598	0.734	1.121	1.437	1.512	1.343
7	2.239	1.955	2.036	2.092	1.932	2.017	1.599	0.679	1.155	1.545	1.676	1.480
8	2.453	2.178	2.247	2.279	2.042	1.982	1.505	0.632	1.076	1.447	1.580	1.428
9	2.437	2.286	2.315	2.348	2.019	2.012	1.627	0.694	1.173	1.502	1.622	1.484
10	2.632	2.400	2.549	2.610	2.283	2.275	1.752	0.668	1.189	1.546	1.668	1.506
11	2.833	2.482	2.708	2.886	2.352	2.251	1.804	0.695	1.311	1.715	1.855	1.675
12	2.634	2.533	2.704	2.605	2.174	2.180	1.751	0.703	1.196	1.581	1.734	1.611
13	3.108	2.798	2.897	2.677	2.225	2.268	1.880	0.776	1.323	1.734	1.883	1.691
14	2.996	2.574	2.639	2.565	2.194	2.234	1.818	0.760	1.267	1.758	1.840	1.582
15	2.958	2.609	2.741	2.684	2.296	2.363	1.942	0.761	1.271	1.704	1.897	1.647
16	2.923	2.649	2.687	2.717	2.238	2.282	1.810	0.748	1.237	1.730	1.854	1.544
17	2.778	2.424	2.554	2.534	2.118	2.222	1.828	0.780	1.232	1.738	1.822	1.525
18	2.458	2.249	2.320	2.475	2.036	2.193	1.872	0.881	1.195	1.709	1.831	1.530
19	2.191	2.077	2.225	2.299	2.047	2.337	2.020	0.912	1.114	1.703	1.712	1.399
20	1.063	1.000	1.084	1.167	1.054	1.266	1.130	0.500	0.553	0.949	0.870	0.707
21	0.947	0.855	0.924	0.959	0.845	0.973	0.815	0.350	0.386	0.746	0.771	0.644
22	1.996	1.741	1.822	1.897	1.577	1.787	1.505	0.685	0.831	1.404	1.400	1.173
23	1.901	1.740	1.844	1.830	1.558	1.675	1.448	0.660	0.804	1.313	1.296	1.100
24	1.774	1.591	1.775	1.813	1.563	1.668	1.436	0.639	0.766	1.217	1.378	1.102
25	1.649	1.527	1.662	1.718	1.435	1.560	1.304	0.588	0.762	1.211	1.365	1.128

Table B.3
EOSCAT Intensity Correction Factors

	a	b	c	d	e	f	g	h	i	j	k	l	m
1	5.676	4.932	4.384	3.969	3.648	3.395	3.197	3.041	2.921	2.832	2.771	2.735	2.723
2	4.932	4.337	3.890	3.543	3.271	3.055	2.883	2.747	2.641	2.562	2.508	2.475	2.465
3	4.384	3.890	3.510	3.211	2.974	2.783	2.630	2.508	2.412	2.341	2.291	2.261	2.251
4	3.969	3.543	3.211	2.947	2.735	2.562	2.423	2.310	2.222	2.156	2.109	2.081	2.072
5	3.648	3.271	2.974	2.735	2.540	2.381	2.251	2.146	2.063	1.999	1.955	1.928	1.919
6	3.395	3.055	2.783	2.562	2.381	2.232	2.109	2.008	1.928	1.866	1.822	1.796	1.787
7	3.197	2.883	2.630	2.423	2.251	2.109	1.990	1.893	1.814	1.752	1.708	1.681	1.672
8	3.041	2.747	2.508	2.310	2.146	2.008	1.893	1.796	1.717	1.654	1.609	1.581	1.563
9	2.921	2.641	2.412	2.222	2.063	1.928	1.814	1.717	1.636	1.563	1.528	1.507	1.500
10	2.832	2.562	2.341	2.156	1.999	1.866	1.752	1.654	1.563	1.514	1.478	1.455	1.447
11	2.771	2.508	2.291	2.109	1.955	1.822	1.708	1.609	1.528	1.478	1.439	1.413	1.403
12	2.735	2.475	2.261	2.081	1.928	1.796	1.681	1.581	1.507	1.455	1.413	1.381	1.367
13	2.723	2.465	2.251	2.072	1.919	1.787	1.672	1.563	1.500	1.447	1.403	1.367	1.337
14	2.735	2.475	2.261	2.081	1.928	1.796	1.681	1.581	1.507	1.455	1.413	1.381	1.367
15	2.771	2.508	2.291	2.109	1.955	1.822	1.708	1.609	1.528	1.478	1.439	1.413	1.403
16	2.832	2.562	2.341	2.156	1.999	1.866	1.752	1.654	1.563	1.514	1.478	1.455	1.447
17	2.921	2.641	2.412	2.222	2.063	1.928	1.814	1.717	1.636	1.563	1.528	1.507	1.500
18	3.041	2.747	2.508	2.310	2.146	2.008	1.893	1.796	1.717	1.654	1.609	1.581	1.563
19	3.197	2.883	2.630	2.423	2.251	2.109	1.990	1.893	1.814	1.752	1.708	1.681	1.672
20	3.395	3.055	2.783	2.562	2.381	2.232	2.109	2.008	1.928	1.866	1.822	1.796	1.787
21	3.648	3.271	2.974	2.735	2.540	2.381	2.251	2.146	2.063	1.999	1.955	1.928	1.919
22	3.969	3.543	3.211	2.947	2.735	2.562	2.423	2.310	2.222	2.156	2.109	2.081	2.072
23	4.384	3.890	3.510	3.211	2.974	2.783	2.630	2.508	2.412	2.341	2.291	2.261	2.251
24	4.932	4.337	3.890	3.543	3.271	3.055	2.883	2.747	2.641	2.562	2.508	2.475	2.465
25	5.676	4.932	4.384	3.969	3.648	3.395	3.197	3.041	2.921	2.832	2.771	2.735	2.723

	n	o	p	q	r	s	t	u	v	w	x	y
1	2.735	2.771	2.832	2.921	3.041	3.197	3.395	3.648	3.969	4.384	4.932	5.676
2	2.475	2.508	2.562	2.641	2.747	2.883	3.055	3.271	3.543	3.890	4.337	4.932
3	2.261	2.291	2.341	2.412	2.508	2.630	2.783	2.974	3.211	3.510	3.890	4.384
4	2.081	2.109	2.156	2.222	2.310	2.423	2.562	2.735	2.947	3.211	3.543	3.969
5	1.928	1.955	1.999	2.063	2.146	2.251	2.381	2.540	2.735	2.974	3.271	3.648
6	1.796	1.822	1.866	1.928	2.008	2.109	2.232	2.381	2.562	2.783	3.055	3.395
7	1.681	1.708	1.752	1.814	1.893	1.990	2.109	2.251	2.423	2.630	2.883	3.197
8	1.581	1.609	1.654	1.717	1.796	1.893	2.008	2.146	2.310	2.508	2.747	3.041
9	1.507	1.528	1.563	1.636	1.717	1.814	1.928	2.063	2.222	2.412	2.641	2.921
10	1.455	1.478	1.514	1.563	1.654	1.752	1.866	1.999	2.156	2.341	2.562	2.832
11	1.413	1.439	1.478	1.528	1.609	1.708	1.822	1.955	2.109	2.291	2.508	2.771
12	1.381	1.413	1.455	1.507	1.581	1.681	1.796	1.928	2.081	2.261	2.475	2.735
13	1.367	1.403	1.447	1.500	1.563	1.672	1.787	1.919	2.072	2.251	2.465	2.723
14	1.381	1.413	1.455	1.507	1.581	1.681	1.796	1.928	2.081	2.261	2.475	2.735
15	1.413	1.439	1.478	1.528	1.609	1.708	1.822	1.955	2.109	2.291	2.508	2.771
16	1.455	1.478	1.514	1.563	1.654	1.752	1.866	1.999	2.156	2.341	2.562	2.832
17	1.507	1.528	1.563	1.636	1.717	1.814	1.928	2.063	2.222	2.412	2.641	2.921
18	1.581	1.609	1.654	1.717	1.796	1.893	2.008	2.146	2.310	2.508	2.747	3.041
19	1.681	1.708	1.752	1.814	1.893	1.990	2.109	2.251	2.423	2.630	2.883	3.197
20	1.796	1.822	1.866	1.928	2.008	2.109	2.232	2.381	2.562	2.783	3.055	3.395
21	1.928	1.955	1.999	2.063	2.146	2.251	2.381	2.540	2.735	2.974	3.271	3.648
22	2.081	2.109	2.156	2.222	2.310	2.423	2.562	2.735	2.947	3.211	3.543	3.969
23	2.261	2.291	2.341	2.412	2.508	2.630	2.783	2.974	3.211	3.510	3.890	4.384
24	2.475	2.508	2.562	2.641	2.747	2.883	3.055	3.271	3.543	3.890	4.337	4.932
25	2.735	2.771	2.832	2.921	3.041	3.197	3.395	3.648	3.969	4.384	4.932	5.676

APPENDIX C

Conversion of Corrected Count Rate to Flux

The conversion of count rate to flux for the *Einstein Observatory* IPC depends on the intrinsic source spectrum, which is not well determined by the experiment itself. Therefore, one must assume a spectral distribution and calculate the flux (over some energy band) that would produce the observed count rate, given the instrumental response. An order-of-magnitude flux estimate, in $\text{ergs cm}^{-2} \text{ s}^{-1}$, for the BROAD *Einstein* band (0.16–3.5 keV) can be obtained simply by multiplying the corrected count rate by 3×10^{-11} .

To facilitate a somewhat better estimate, we provide tabular data and figures for this conversion factor as a function of the two primary spectral parameters, N_H , the column density, and either α , the index of the energy power law, or kT , the temperature in keV for thermal spectra (exponential + Gaunt factor, Raymond-Smith, and blackbody).

The Rev1B corrected count rates (CCS) given in the IPC source list (see § 8) are derived from the expression:

$$\text{CCS} = (\text{CNTS} - \text{BKG}) \times \text{CVIG} \times \text{CMS} \times \text{CPRF}/\text{Live time},$$

where

- CNTS = total counts in the $2'4 \times 2'4$ (18×18 IPC pixels) detect box at the BROAD position,
- BKG = estimated background counts in same box (cf. § 6 of Appendix A),
- CVIG = VIGN^{-1} , the vignetting correction (see § A.5.1 for VIGN),
- CMS = the mirror scattering correction (=1.18 for BROAD),
- CPRF = the point response function correction (=1.13).

The $\text{ergs cm}^{-2} \text{ counts}^{-1}$ (EPC) factors in the following tables were derived from standard IPC effective area tables (without scattering corrections) for a point source on axis, and hence are suitable for direct use with CCS:

$$\text{Flux}(0.16\text{--}3.5 \text{ keV}) = \text{EPC} \times \text{CCS} \text{ ergs cm}^{-2} \text{ s}^{-1}.$$

For each spectral type, we give factors for obtaining the fluxes both observed at the telescope and inferred on the source side of the absorption (specified by N_H).

The EPC factors for the *emitted* flux (that inferred on the source side of the absorbing column) are well behaved in the sense that there are no crossings of the curves in the (a) panels of Figures C.1 through C.4: as absorption increases, the source must produce more flux to deliver each photon to the telescope. In the (b) panels of the figures, on the other hand, the *incident* EPC curves can be seen to cross one another, more noticeably for the thermal spectra (but also for the power law – cf. curves E, F, G, and H in Figure C.1b).

These crossovers occur as the incident (absorbed) spectrum is convolved with the IPC effective area (cf. Figure A.1). Incident flux which falls in the region of the “carbon notch” (viz. 0.3 to 0.5 keV) produces very few detected counts. Since the EPC factors are defined as the ratio of *incident* flux (0.16 – 3.5 keV) to *detected* counts (PI channels 2 – 10), losing photons to the “carbon notch” increases the EPC factor.

The complex behavior producing the crossovers is most noticeable for thermal spectra, which are soft ($kT < 1$ keV) and moderately absorbed ($N_H > 10^{20}$). These spectra are shaped much like a monochromatic line: cut off at low energies by the absorption and at high energies by the characteristic exponential, $e^{-h\nu/kT}$. As the effective energy of this “line” increases (with increasing N_H or increasing kT) from below the carbon notch, then through and above it, the incident EPC factor increases (as more photons fall in the notch) and then decreases again, hence creating the crossover effect.

In the following example, we demonstrate the use of the tables and figures to infer emitted flux from corrected count rate. Consider source 1 in sequence I3042 (Catalog number 4594). Since the source is a quasar, we assume a spectral index of 1.0, and for $N_H = 6.1 \times 10^{20}$, we find from Table C.1 (or Fig. C.1) that the conversion factor is 4.1×10^{-11} for the emitted flux: thus, $F_{\text{emit}}(0.16\text{--}3.5 \text{ keV}) = 4.1 \times 10^{-11} \times 0.0197 = 8.1 \times 10^{-13} \text{ ergs cm}^{-2} \text{ s}^{-1}$.

Appendix C: Conversion of Corrected Count Rate to Flux

Table C.1 Power Law Distribution – Flux Density = Const $\times E^{-\alpha}$

a) Ergs cm⁻² counts⁻¹ (EPC) factor to obtain the EMITTED flux (source side of N_H)

HYDROGEN COLUMN	ENERGY INDEX						
	0.00	0.5	1.0	1.5	2.0	2.5	3.0
3.16e18	2.75e-11	2.32e-11	1.90e-11	1.53e-11	1.25e-11	1.05e-11	9.09e-12
1.00e19	2.77e-11	2.36e-11	1.95e-11	1.60e-11	1.32e-11	1.13e-11	9.83e-12
3.16e19	2.83e-11	2.46e-11	2.11e-11	1.80e-11	1.55e-11	1.36e-11	1.22e-11
1.00e20	2.97e-11	2.72e-11	2.52e-11	2.37e-11	2.24e-11	2.13e-11	2.05e-11
3.16e20	3.24e-11	3.21e-11	3.40e-11	3.83e-11	4.43e-11	5.09e-11	5.70e-11
1.00e21	3.67e-11	3.89e-11	4.62e-11	6.25e-11	9.39e-11	1.49e-10	2.36e-10
3.16e21	4.58e-11	5.16e-11	6.63e-11	9.89e-11	1.68e-10	3.10e-10	5.98e-10
1.00e22	7.01e-11	8.57e-11	1.21e-10	2.03e-10	3.93e-10	8.42e-10	1.91e-09
3.16e22	1.53e-10	2.04e-10	3.17e-10	5.90e-10	1.28e-09	3.13e-09	8.20e-09
1.00e23	6.75e-10	9.94e-10	1.72e-09	3.57e-09	8.70e-09	2.39e-08	7.09e-08

b) Ergs cm⁻² counts⁻¹ (EPC) factor to obtain the INCIDENT flux at the Earth

HYDROGEN COLUMN	ENERGY INDEX						
	0.00	0.5	1.0	1.5	2.0	2.5	3.0
3.16e18	2.75e-11	2.31e-11	1.89e-11	1.52e-11	1.24e-11	1.04e-11	8.93e-12
1.00e19	2.76e-11	2.34e-11	1.92e-11	1.55e-11	1.27e-11	1.07e-11	9.28e-12
3.16e19	2.79e-11	2.40e-11	2.01e-11	1.66e-11	1.38e-11	1.17e-11	1.03e-11
1.00e20	2.87e-11	2.53e-11	2.21e-11	1.90e-11	1.63e-11	1.41e-11	1.24e-11
3.16e20	2.98e-11	2.73e-11	2.53e-11	2.36e-11	2.18e-11	1.98e-11	1.77e-11
1.00e21	3.07e-11	2.84e-11	2.69e-11	2.65e-11	2.71e-11	2.84e-11	2.99e-11
3.16e21	3.23e-11	2.94e-11	2.72e-11	2.55e-11	2.44e-11	2.42e-11	2.47e-11
1.00e22	3.68e-11	3.39e-11	3.12e-11	2.89e-11	2.68e-11	2.51e-11	2.37e-11
3.16e22	4.63e-11	4.35e-11	4.07e-11	3.80e-11	3.55e-11	3.32e-11	3.11e-11
1.00e23	6.35e-11	6.22e-11	6.04e-11	5.84e-11	5.61e-11	5.37e-11	5.11e-11

Table C.2 Optically Thin Thermal Bremsstrahlung Exponential + Gaunt Factor

a) Ergs cm⁻² counts⁻¹ (EPC) factor to obtain the EMITTED flux (source side of N_H)

HYDROGEN COLUMN	kT (keV)						
	0.010	0.032	0.100	0.316	1.00	3.16	10.0
3.16e18	2.04e-13	4.94e-12	9.10e-12	1.42e-11	1.83e-11	2.18e-11	2.41e-11
1.00e19	2.73e-13	5.63e-12	9.75e-12	1.49e-11	1.88e-11	2.22e-11	2.43e-11
3.16e19	6.32e-13	8.13e-12	1.19e-11	1.69e-11	2.03e-11	2.33e-11	2.52e-11
1.00e20	5.29e-12	1.94e-11	1.96e-11	2.35e-11	2.42e-11	2.59e-11	2.72e-11
3.16e20	2.79e-10	1.06e-10	6.01e-11	4.56e-11	3.29e-11	3.12e-11	3.10e-11
1.00e21	1.23e-07	2.58e-09	5.69e-10	1.07e-10	4.67e-11	3.89e-11	3.67e-11
3.16e21	1.41e-03	1.72e-06	5.34e-09	2.47e-10	7.33e-11	5.38e-11	4.84e-11
1.00e22	2.69e+04	3.86e-04	1.04e-07	1.04e-09	1.59e-10	9.56e-11	8.06e-11
3.16e22	3.52e+11	2.11e+01	1.16e-05	7.97e-09	5.30e-10	2.49e-10	1.95e-10
1.00e23	1.41e+26	1.60e+08	4.95e-03	1.67e-07	4.12e-09	1.40e-09	9.78e-10

b) Ergs cm⁻² counts⁻¹ (EPC) factor to obtain the INCIDENT flux at the Earth

HYDROGEN COLUMN	kT (keV)						
	0.010	0.032	0.100	0.316	1.00	3.16	10.0
3.16e18	1.97e-13	4.79e-12	8.92e-12	1.41e-11	1.82e-11	2.18e-11	2.40e-11
1.00e19	2.42e-13	5.12e-12	9.17e-12	1.44e-11	1.85e-11	2.20e-11	2.42e-11
3.16e19	4.36e-13	6.04e-12	9.82e-12	1.53e-11	1.92e-11	2.26e-11	2.46e-11
1.00e20	1.65e-12	7.84e-12	1.13e-11	1.76e-11	2.09e-11	2.39e-11	2.57e-11
3.16e20	7.67e-12	8.64e-12	1.54e-11	2.32e-11	2.36e-11	2.57e-11	2.71e-11
1.00e21	8.13e-12	1.15e-11	3.92e-11	2.85e-11	2.45e-11	2.65e-11	2.79e-11
3.16e21	7.97e-12	1.30e-10	4.71e-11	2.26e-11	2.33e-11	2.71e-11	2.90e-11
1.00e22	4.75e-10	6.93e-11	2.32e-11	2.03e-11	2.56e-11	3.09e-11	3.33e-11
3.16e22	5.83e-11	3.60e-11	1.98e-11	2.26e-11	3.26e-11	4.00e-11	4.28e-11
1.00e23	4.24e-11	1.98e-11	2.10e-11	3.15e-11	5.19e-11	6.00e-11	6.18e-11

Table C.3 Raymond-Smith Thermal Spectrum: 100% Cosmic Abundances

a) Ergs cm⁻² counts⁻¹ (EPC) factor to obtain the EMITTED flux (source side of N_H)

HYDROGEN COLUMN	kT (keV)						
	0.010	0.032	0.100	0.316	1.00	3.16	10.0
3.16e18	2.38e-13	3.24e-12	1.06e-11	1.89e-11	1.98e-11	2.27e-11	2.45e-11
1.00e19	3.15e-13	3.90e-12	1.12e-11	1.91e-11	2.01e-11	2.29e-11	2.47e-11
3.16e19	7.15e-13	6.54e-12	1.31e-11	1.97e-11	2.09e-11	2.37e-11	2.55e-11
1.00e20	5.76e-12	2.02e-11	2.04e-11	2.13e-11	2.25e-11	2.57e-11	2.75e-11
3.16e20	2.74e-10	1.37e-10	6.34e-11	2.49e-11	2.49e-11	2.94e-11	3.12e-11
1.00e21	9.59e-08	4.81e-09	5.52e-10	3.38e-11	2.95e-11	3.50e-11	3.68e-11
3.16e21	8.27e-04	1.58e-06	3.87e-09	7.03e-11	4.32e-11	4.69e-11	4.80e-11
1.00e22	5.69e+03	2.67e-04	1.16e-07	4.19e-10	1.07e-10	8.36e-11	7.88e-11
3.16e22	4.90e+10	1.37e+01	1.47e-05	6.74e-09	4.94e-10	2.30e-10	1.87e-10
1.00e23	5.49e+26	4.14e+07	5.66e-03	1.46e-07	4.35e-09	1.29e-09	9.20e-10

b) Ergs cm⁻² counts⁻¹ (EPC) factor to obtain the INCIDENT flux at the Earth

HYDROGEN COLUMN	kT (keV)						
	0.010	0.032	0.100	0.316	1.00	3.16	10.0
3.16e18	2.29e-13	3.14e-12	1.04e-11	1.88e-11	1.98e-11	2.26e-11	2.44e-11
1.00e19	2.80e-13	3.54e-12	1.06e-11	1.89e-11	2.00e-11	2.28e-11	2.46e-11
3.16e19	4.95e-13	4.82e-12	1.11e-11	1.91e-11	2.06e-11	2.32e-11	2.50e-11
1.00e20	1.81e-12	8.05e-12	1.25e-11	1.95e-11	2.13e-11	2.42e-11	2.61e-11
3.16e20	7.80e-12	1.21e-11	1.83e-11	1.98e-11	2.19e-11	2.55e-11	2.75e-11
1.00e21	7.94e-12	4.10e-11	4.54e-11	1.90e-11	2.20e-11	2.61e-11	2.84e-11
3.16e21	9.54e-12	2.49e-10	3.82e-11	1.76e-11	2.19e-11	2.68e-11	2.96e-11
1.00e22	4.24e-10	6.72e-11	2.18e-11	1.82e-11	2.36e-11	3.07e-11	3.39e-11
3.16e22	6.32e-11	3.29e-11	2.00e-11	2.24e-11	3.07e-11	4.07e-11	4.35e-11
1.00e23	5.16e-11	1.97e-11	2.12e-11	3.07e-11	5.00e-11	6.22e-11	6.25e-11

Table C.4 Optically Thick Thermal: Blackbody

a) Ergs cm⁻² counts⁻¹ (EPC) factor to obtain the EMITTED flux (source side of N_H)

HYDROGEN COLUMN	kT (keV)				
	0.010	0.032	0.100	0.316	1.00
3.16e18	7.42e-13	7.71e-12	1.88e-11	2.18e-11	3.37e-11
1.00e19	9.44e-13	8.32e-12	1.94e-11	2.19e-11	3.37e-11
3.16e19	1.90e-12	1.04e-11	2.14e-11	2.22e-11	3.38e-11
1.00e20	1.07e-11	1.82e-11	2.76e-11	2.28e-11	3.41e-11
3.16e20	2.81e-10	6.48e-11	4.86e-11	2.45e-11	3.48e-11
1.00e21	5.61e-08	1.05e-09	1.12e-10	2.84e-11	3.67e-11
3.16e21	3.46e-04	1.72e-07	3.28e-10	3.98e-11	4.22e-11
1.00e22	1.68e+03	1.55e-05	2.87e-09	7.93e-11	5.81e-11
3.16e22	9.22e+09	3.54e-01	9.62e-08	2.75e-10	1.16e-10
1.00e23	3.17e+24	3.78e+05	1.49e-05	2.71e-09	4.91e-10

b) Ergs cm⁻² counts⁻¹ (EPC) factor to obtain the INCIDENT flux at the Earth

HYDROGEN COLUMN	kT (keV)				
	0.010	0.032	0.100	0.316	1.00
3.16e18	7.16e-13	7.53e-12	1.87e-11	2.18e-11	3.37e-11
1.00e19	8.42e-13	7.71e-12	1.90e-11	2.18e-11	3.37e-11
3.16e19	1.32e-12	8.16e-12	1.99e-11	2.19e-11	3.37e-11
1.00e20	3.42e-12	8.91e-12	2.23e-11	2.20e-11	3.38e-11
3.16e20	8.83e-12	9.91e-12	2.83e-11	2.22e-11	3.41e-11
1.00e21	7.63e-12	1.98e-11	3.37e-11	2.20e-11	3.46e-11
3.16e21	9.57e-12	1.35e-10	2.56e-11	2.20e-11	3.62e-11
1.00e22	4.11e-10	5.89e-11	1.95e-11	2.37e-11	4.00e-11
3.16e22	5.56e-11	2.57e-11	1.99e-11	2.82e-11	4.87e-11
1.00e23	4.23e-11	1.96e-11	2.18e-11	4.24e-11	6.58e-11

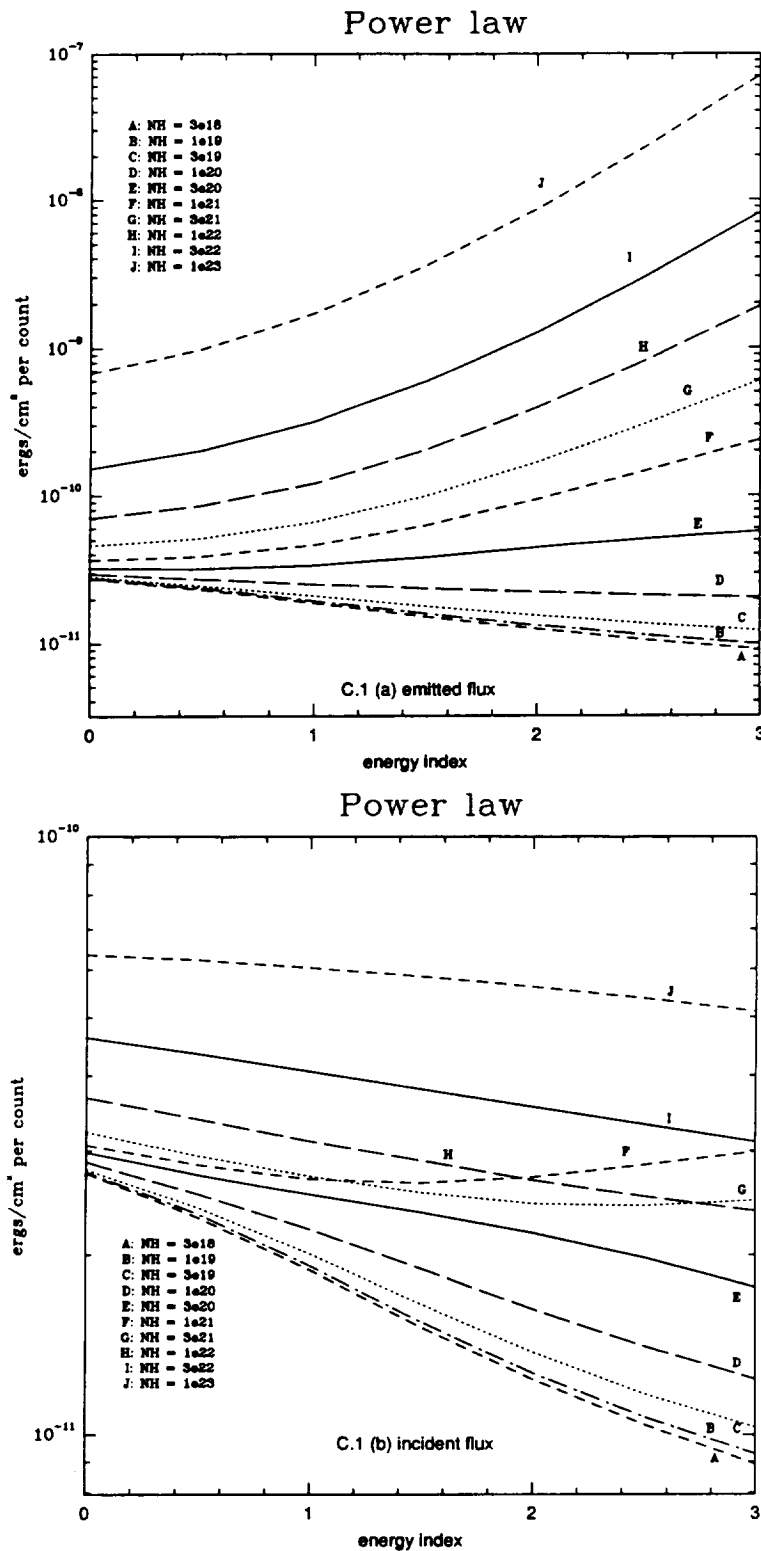


Fig. C.1—Ergs cm⁻² counts⁻¹ (EPC) factors for power law distributions. As a function of α , (flux density = constant $\times E^{-\alpha}$), the conversion factor is given which is used to obtain ergs cm⁻² s⁻¹ for the BROAD band (0.16–3.5 keV) from the corrected count rate. Values of column density are labeled A = 3.16×10^{18} , B = 1.00×10^{19} , ... J = 1.00×10^{23} atoms cm⁻². (a) “Emitted” flux, i.e., corrected for the absorption. (b) “Incident” flux observed at the Earth.

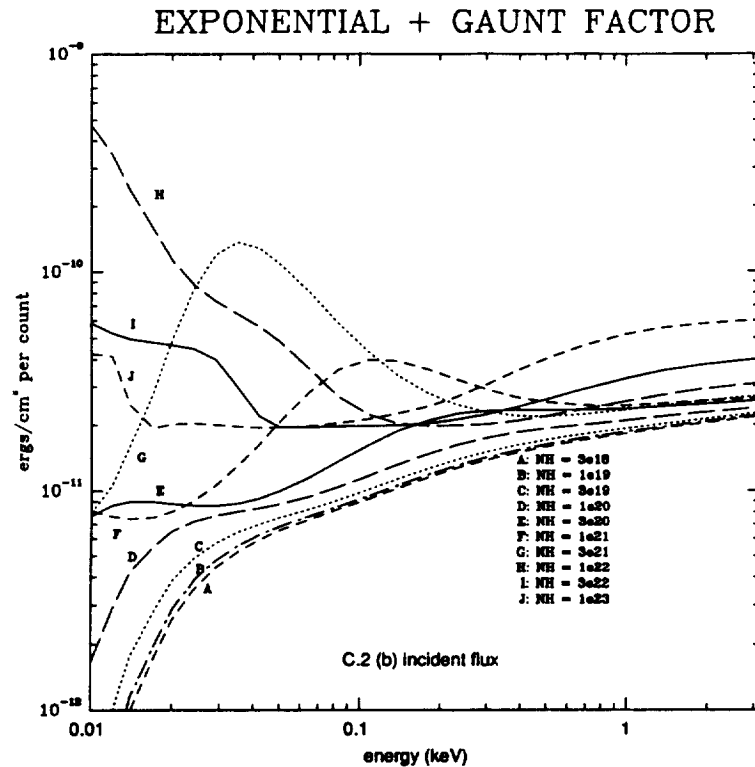
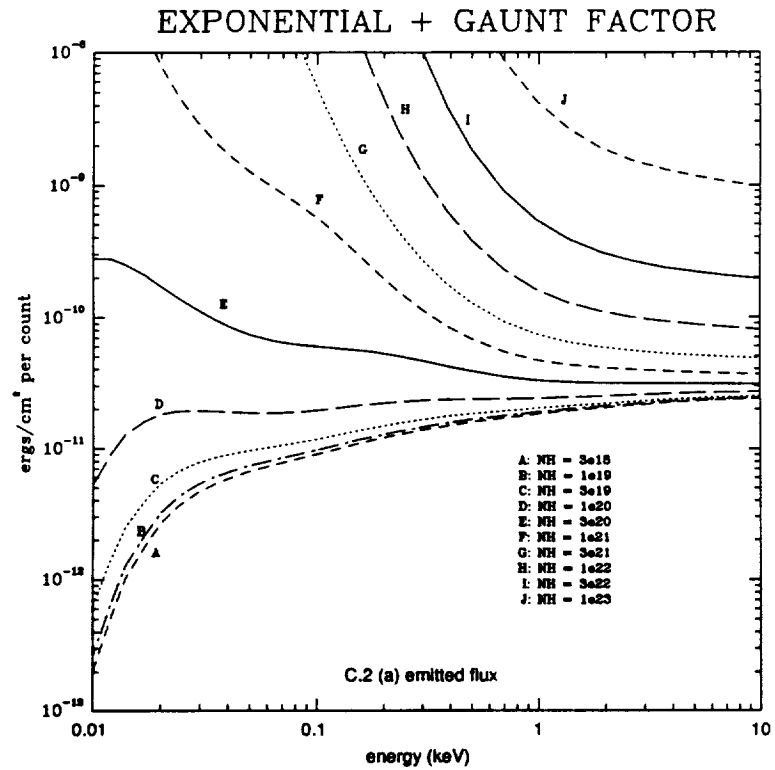


Fig. C.2—Ergs cm^{-2} counts^{-1} (EPC) factors for exponential + Gaunt factor thermal spectra. The spectral parameter is the temperature, kT . See legend for Fig. C.1.

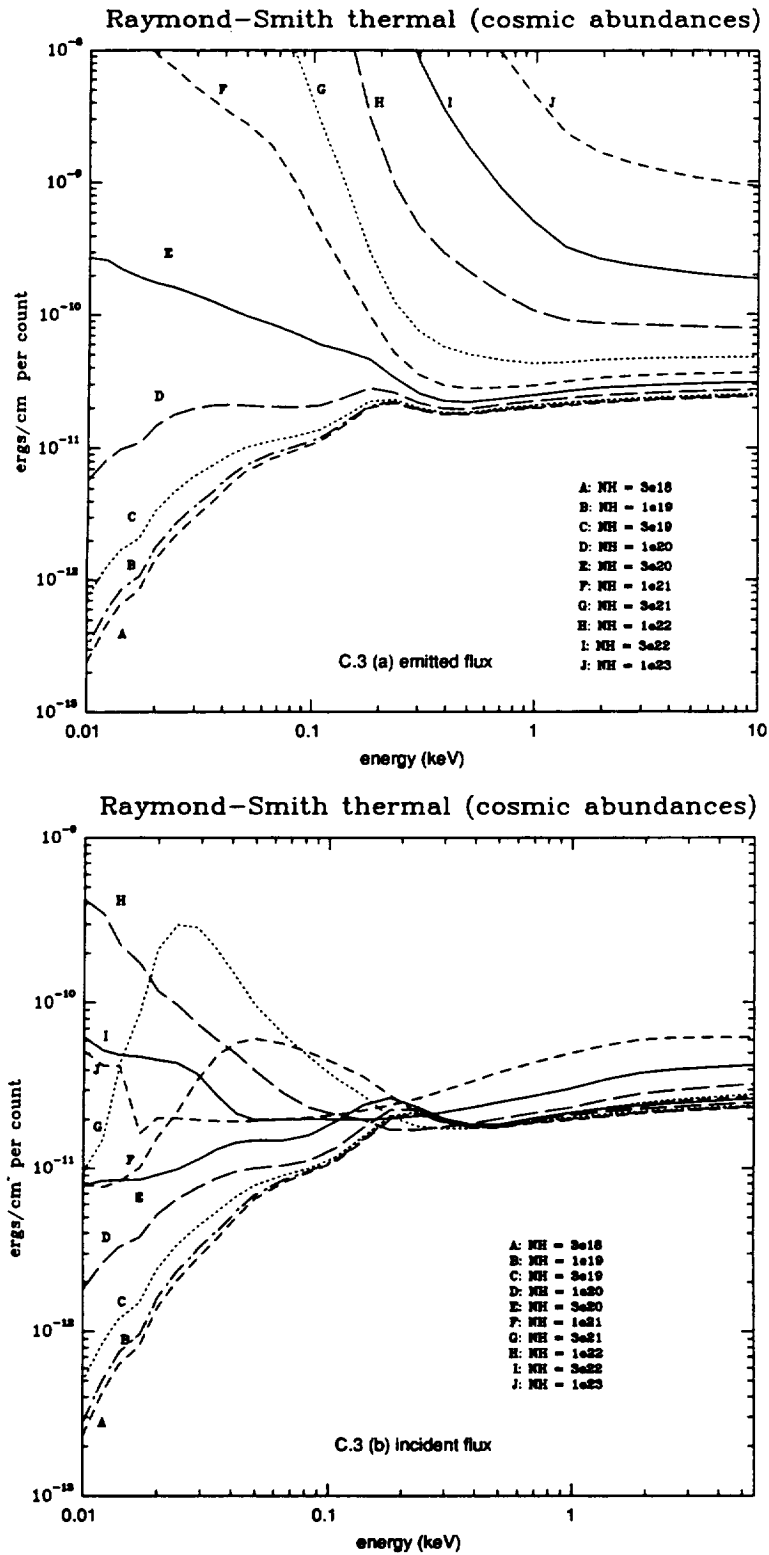


Fig. C.3—Ergs cm^{-2} counts $^{-1}$ (EPC) factors for Raymond-Smith thermal spectra with 100% cosmic abundances. See legend for Fig. C.1.

Appendix C: Conversion of Corrected Count Rate to Flux

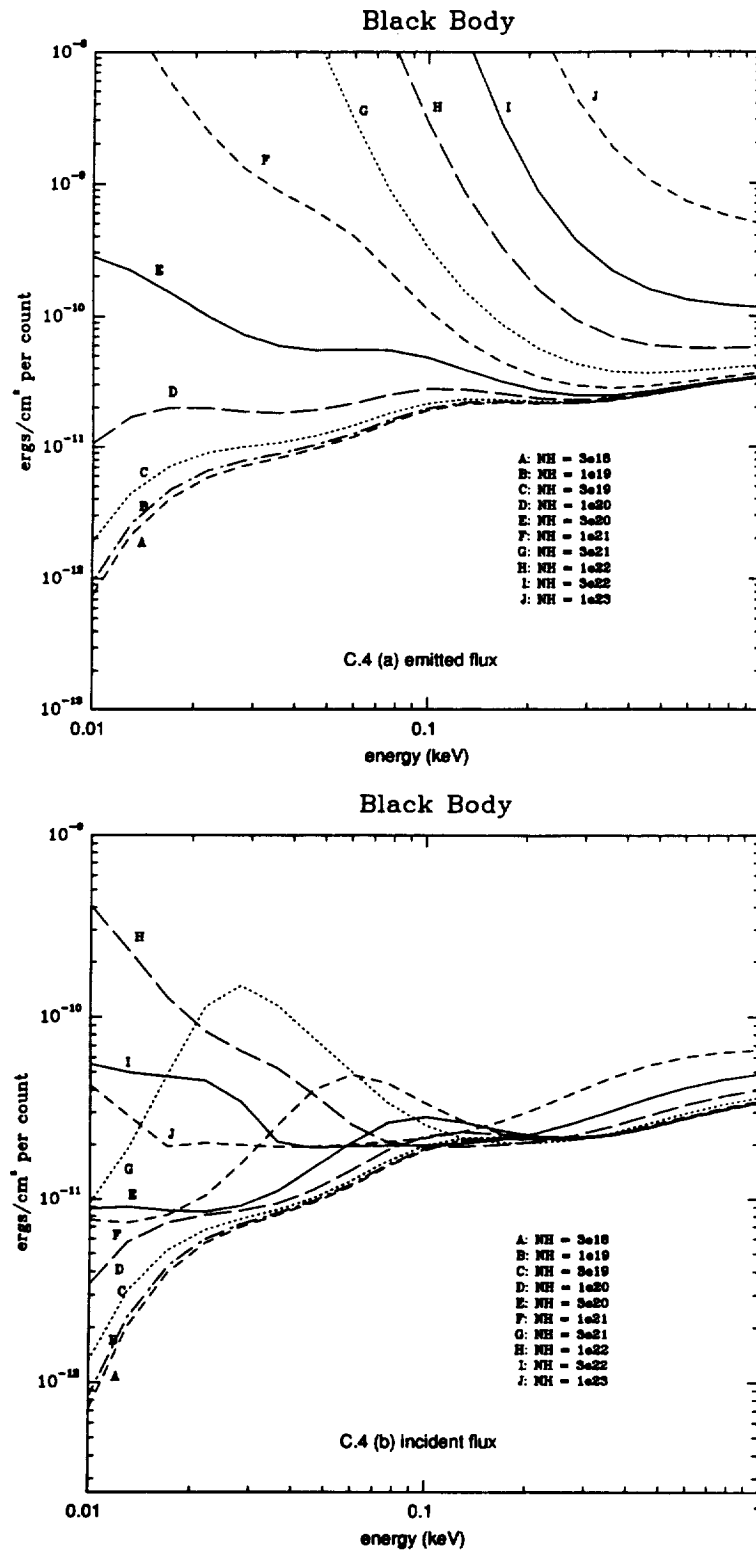


Fig. C.4—Ergs cm⁻² counts⁻¹ (EPC) factors for blackbody spectra. See legend for Fig. C.1.

APPENDIX D

Einstein IPC Hardness Ratio and Errors

The hardness ratio HR for a source is defined as:

$$\text{HR} = \frac{\text{counts}_{\text{HARD}} - \text{counts}_{\text{SOFT}}}{\text{counts}_{\text{HARD}} + \text{counts}_{\text{SOFT}}},$$

where the HARD band covers 0.81–3.5 keV and the SOFT band covers 0.16–0.81 keV.

For those sources denoted with an H in the source flag column of the main catalog source lists, hardness ratio values appear in Table D.

Because the hardness ratio and error that were provided on the *Einstein* IPC Rev1B printouts are incorrect for many sources (owing to a programming bug and the use of simplifying assumptions that were frequently inappropriate), we have chosen to recompute the hardness ratios for this catalog using a maximum likelihood (ML) approach (suggested by J. H. M. M. Schmitt).

Consider a source with hardness ratio HR, from which we expect to obtain T counts in the 3' radius source circle. As a simplifying approximation, we assume that we know the expectation values, b_S and b_H , of the SOFT and HARD background counts in the circle (MDETECT, background-map values are actually derived for the detect cell and then normalized to the source-circle area). We then can write the expected total counts in the circle as:

$$\begin{aligned} c_S &= 0.5T(1 - \text{HR}) + b_S \\ c_H &= 0.5T(1 + \text{HR}) + b_H \end{aligned}$$

for the SOFT and HARD energy bands, respectively. Applying the assumption that c_S and c_H will be Poisson distributed, we can then write the joint probability of realizing m_S and m_H counts in the circle as

$$P_{\text{tot}} = P(m_S)P(m_H).$$

If we now introduce the likelihood $L = -2 \log P_{\text{tot}}$, we have, after dropping uninteresting terms:

$$L = T - m_S \log \left\{ \frac{T(1 - \text{HR})}{2} + b_S \right\} - m_H \log \left\{ \frac{T(1 + \text{HR})}{2} + b_H \right\}.$$

The usual technique of differentiating and solving for the minima with respect to T and HR yields the expected results that

$$T = m_S - b_S + m_H - b_H$$

and

$$\text{HR} = \frac{(m_H - b_H) - (m_S - b_S)}{(m_H - b_H) + (m_S - b_S)}$$

Given the above expression for the likelihood, we can now use the so-called C statistic to compute 68% confidence intervals for HR. We also can apply the ex post facto constraint that the errors, as well as the HR values themselves, must lie in the interval $[-1, +1]$, by not reporting hardness ratios for sources that fail to meet these criteria.

Source counts for the calculations are taken from the standard, screened circle of radius 3'. The source counts are therefore available whenever a source has been detected, regardless of by what band and method. On the other hand, since the background counts are taken from the MDETECT background map, such counts are only available to the ML calculation for those sources appearing in fields on which MDETECT has been run. The use of these MDETECT background estimates, instead of the Rev1B method (a 5'–6' radii annulus centered on the source), more nearly justifies the assumption that the expectation values for the background counts have negligible errors, and this in turn ensures that we derive the best possible estimates for the hardness ratio confidence intervals.

We also have not reported hardness ratios of sources for which either end of the 68% confidence interval on the hardness ratio could not be computed (for one of the reasons enumerated below); this condition indicates that the value of the ratio itself is essentially indeterminate. Conditions which may cause the 68% confidence interval to be indeterminate include the following: MDETECT not available (about one-fourth of the sequences); net counts in the SOFT or HARD energy bands less than or equal to zero with the corresponding background expectation value also equal to zero (causes computational error in ML algorithm when taking logarithms).

In Table D we give the catalog number, the sequence number and field number, the source position, the detection signal to noise ratio, and the maximum-likelihood hardness ratio together with its uncertainties.

If the spectral distribution of the source is known (or assumed), it is possible to estimate the combination of spectral parameters which correspond to a given HR. In practice, one usually takes as known the column density N_H of neutral hydrogen in the Galaxy (as measured by 21 cm observations) and thus obtains an estimate of α , the exponent of the power law, or kT (for thermal spectra). In Figures D.1–D.4 we show curves of constant HR plotted on the usual plane of spectral parameters.

Note Added in Proof (April 1993)

In 1992 it was discovered that the conversion from PHA to PI binning in Rev1B processing had used a gain map which was not rolled to match the observation. The implications of this problem are discussed in HEAO Newsletter No. 7 (September 1992; page 4). Because of this problem, the hardness ratios originally tabulated for this catalog were unreliable. We have therefore recomputed them for inclusion in Table D.

These “new” hardness ratios were generated for the originally tabulated sources (i.e., those sources denoted with an H in the source flag column of the catalog source list). IRAF/PROS and the PI-corrected “qpoe” files from the IPC event list CDROMs¹ were used for this task. As before, the maximum likelihood approach described on the previous page was used, but the background values were obtained from the images themselves rather than from the MDETECT background maps, since PI-corrected maps are not available.

The standard Rev1B method (a source-centered 5'-6' radii annulus) was used to estimate the background counts. The use of an annulus rather than the MDETECT background map formally invalidates the simplifying assumption of negligible error in the background expectation values, but in practice we expect the effects of this to be minor.

Deviations from the Table D format (described above) occur for those sources for which a hardness ratio could not be calculated. In such cases, the columns for hardness ratio and uncertainties contain dashes. About 1300 of the sources without hardness ratios have non-zero RECO values (cf. §5.8), making their spectra highly uncertain and their ratios unreliable. For another ~ 100 sources, computational conditions preclude obtaining confidence intervals, indicating that the value of the ratio itself is essentially indeterminate.

¹“The Einstein Observatory Database of IPC Images in Event List Format”, CDROM Volumes 1-4, A. Prestwich, J. McDowell, D. Plummer, K. Manning, and M. Garcia, June 1992, Smithsonian Institution Astrophysical Observatory, Cambridge, USA.

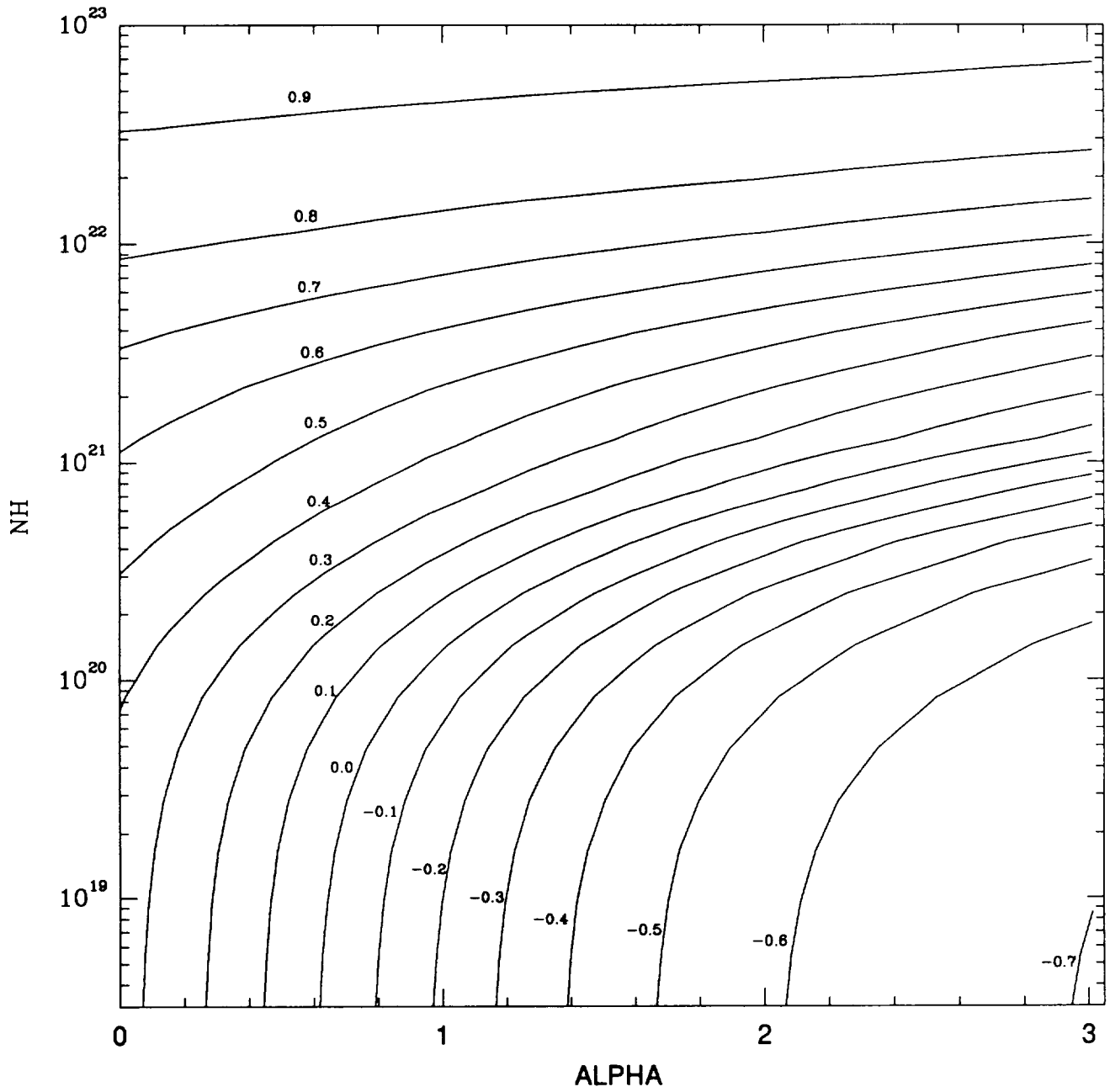


Fig. D.1.—Hardness ratio curves for power law spectra. The abscissa is the exponent of the (energy) power law, and the ordinate is the column density of neutral hydrogen in our Galaxy.

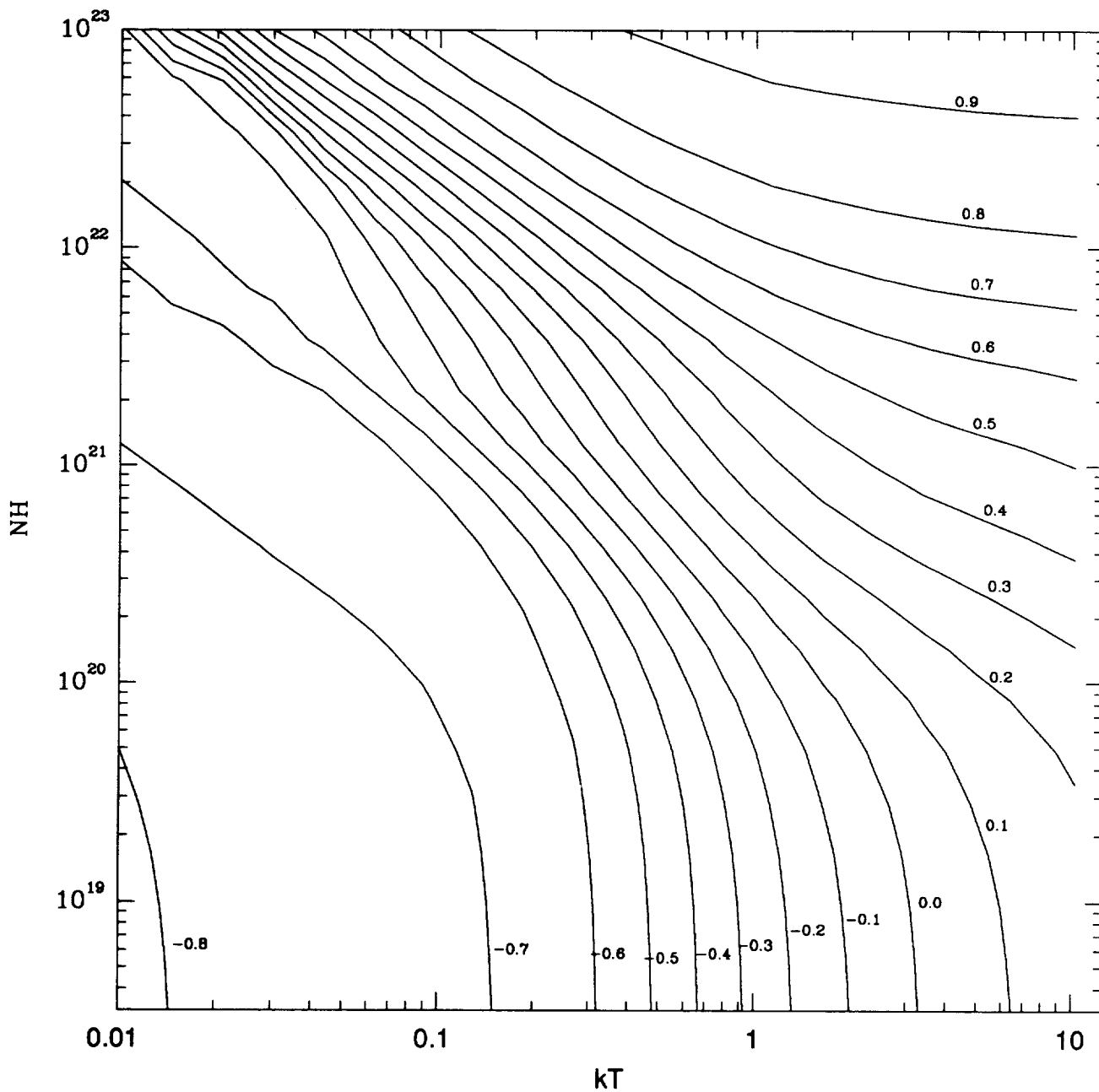


Fig. D.2.—Hardness ratio curves for thermal bremsstrahlung spectra. The abscissa is kT in keV, and the ordinate is column density of neutral hydrogen in our Galaxy.

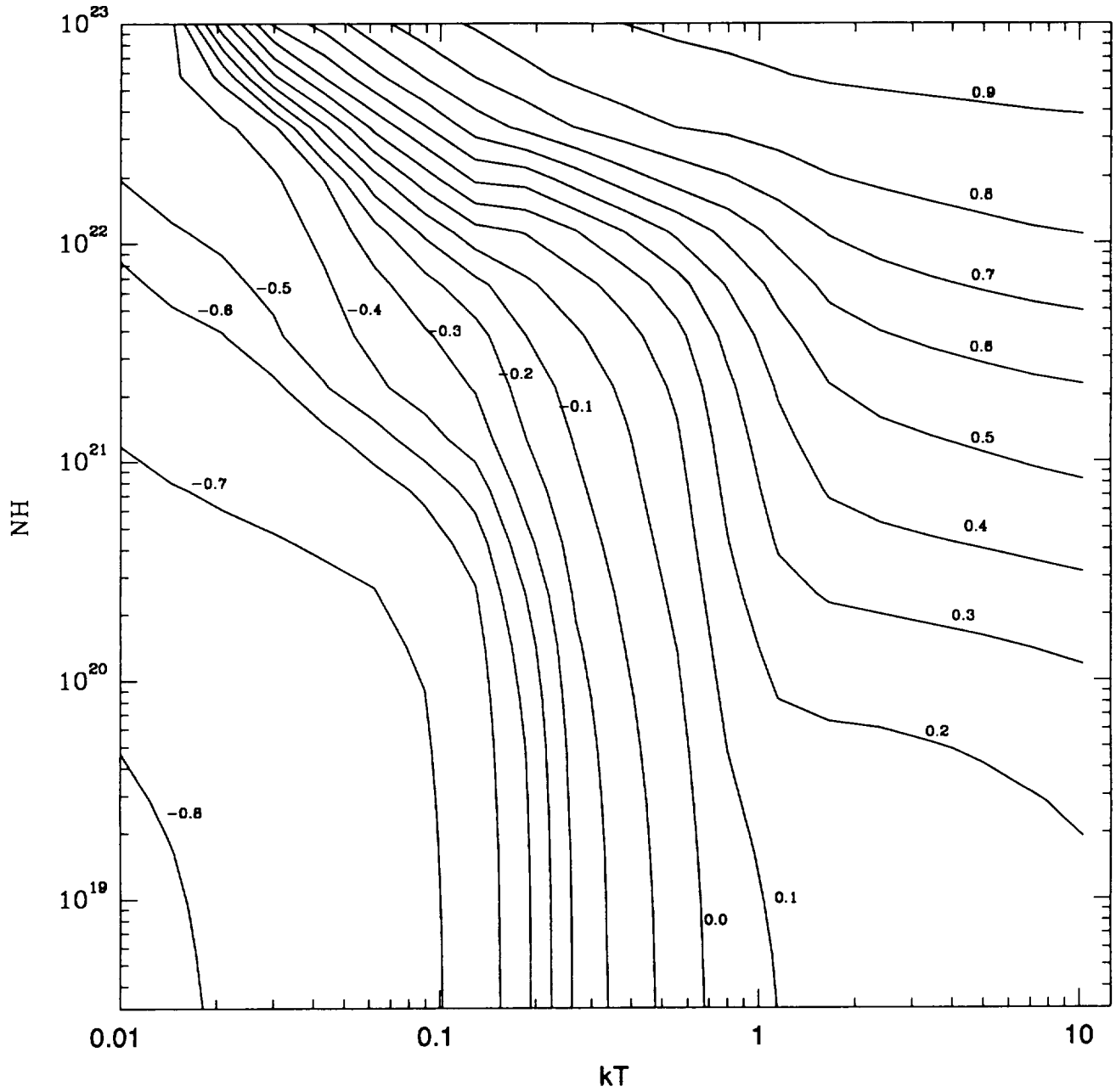


Fig. D.3.—Hardness ratio curves for Raymond-Smith thermal spectra (100% cosmic abundances). The abscissa is kT in keV, and the ordinate is column density of neutral hydrogen in our Galaxy.

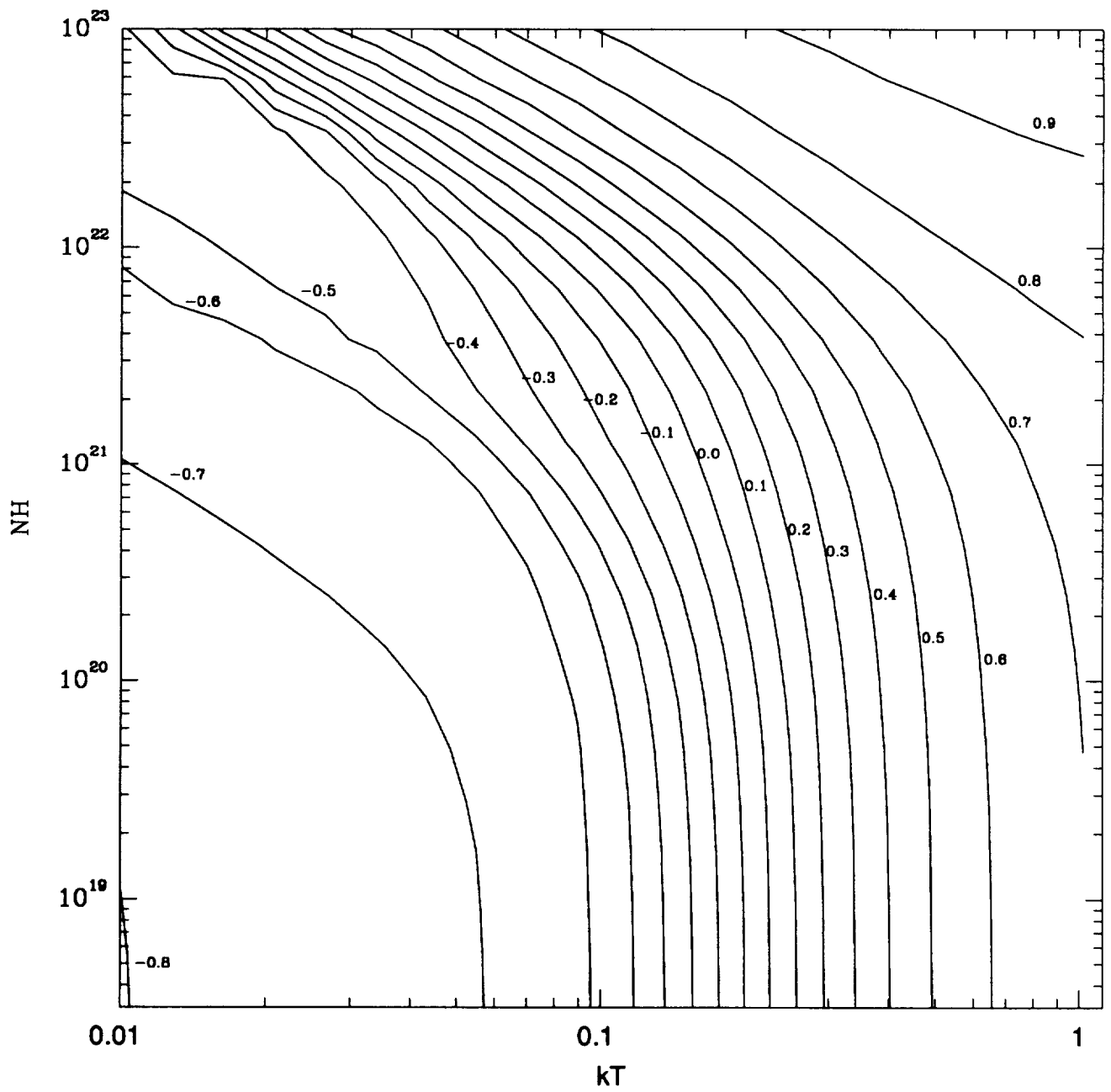


Fig. D.4.—Hardness ratio curves for blackbody spectra. The abscissa is kT in keV, and the ordinate is column density of neutral hydrogen in our Galaxy.

Table D Hardness Ratios

Number		Position			Hardness Ratio			
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-	
1	5670/1	0 00 38	- 06 22 52	8.1	—	—	—	
2	8019/1	0 01 55	- 05 51 06	3.9	-0.15	0.35	0.35	
4	5360/1	0 02 27	16 04 01	6.0	—	—	—	
5	4247/1	0 02 33	- 42 05 07	4.5	0.05	0.29	0.29	
6	5360/2	0 02 51	15 56 49	9.2	0.44	0.11	0.11	
7	5360/3	0 02 53	16 02 51	6.5	0.20	0.13	0.13	
8	614/1	0 02 54	- 74 43 21	6.9	0.43	0.13	0.13	
9	5360/4	0 03 02	16 00 20	3.9	0.73	0.18	0.20	
10	4247/2	0 03 20	- 42 01 36	5.2	-0.11	0.15	0.15	
11	3282/1	0 03 25	63 24 09	5.9	0.34	0.15	0.16	
12	5360/5	0 03 25	15 53 12	20.3	0.37	0.04	0.04	
15	2225/1	0 04 03	28 44 34	11.4	-0.17	0.07	0.07	
16	4934/1	0 04 09	72 50 52	3.6	—	—	—	
17	9062/1	0 04 11	- 02 43 10	3.5	—	—	—	
18	4934/2	0 04 27	72 45 45	3.8	—	—	—	
19	9062/2	0 05 38	- 02 43 25	3.9	0.01	0.24	0.24	
20	2244/1	0 06 33	58 51 22	4.3	-0.33	0.18	0.17	
21	6727/1	0 06 54	- 22 28 57	3.8	—	—	—	
22	9062/3	0 07 06	- 02 31 09	9.1	0.55	0.09	0.09	
23	4518/1	0 07 17	- 35 32 55	4.6	—	—	—	
24	4518/2	0 07 25	- 35 57 32	5.0	0.50	0.17	0.18	
25	10125/1	0 07 27	10 52 01	10.0	-0.00	0.09	0.09	
	6718/1	0 07 29	10 51 58	8.9	-0.11	0.10	0.10	
26	5951/1	0 07 28	- 11 28 10	3.6	—	—	—	
27	608/1	0 07 35	- 73 24 45	3.7	0.56	0.21	0.22	
28	4518/3	0 07 49	- 35 43 10	4.9	-0.11	0.24	0.23	
29	10125/2	0 07 56	10 41 52	14.9	0.55	0.05	0.06	
	6718/2	0 07 58	10 41 58	24.5	0.45	0.03	0.03	
31	6727/2	0 08 25	- 22 15 58	3.9	0.31	0.14	0.14	
32	5951/2	0 08 51	- 11 45 28	18.2	0.41	0.05	0.05	
33	8958/1	0 09 30	72 55 56	3.5	—	—	—	
34	5428/1	0 09 51	14 17 36	7.9	—	—	—	
35	7429/1	0 11 37	08 40 57	5.3	-0.29	0.16	0.15	
36	7429/2	0 11 47	08 37 32	7.2	0.64	0.11	0.12	
37	620/1	0 11 50	- 74 58 10	6.5	-0.34	0.12	0.11	
38	8453/1	0 12 35	- 00 24 37	5.1	-0.04	0.22	0.23	
39	7597/1	0 12 42	15 55 55	4.7	—	—	—	
	6834/1	0 12 44	15 56 42	3.5	—	—	—	
40	608/2	0 12 43	- 73 07 54	5.0	—	—	—	
41	7597/2	0 13 18	16 04 17	8.9	—	—	—	
43	6834/3	0 13 27	15 58 47	7.5	0.27	0.12	0.12	
	7597/3	0 13 31	15 59 07	8.1	—	—	—	
45	274/1	0 14 24	79 31 34	5.9	—	—	—	
46	10431/4	0 14 37	16 27 42	5.6	0.02	0.14	0.15	
47	10431/5	0 14 46	16 13 51	10.1	-0.04	0.09	0.09	
	6834/4	0 14 47	16 13 56	5.5	—	—	—	
	3457/1	0 14 50	16 13 45	6.0	—	—	—	
49	6834/5	0 15 11	16 03 45	6.5	—	—	—	
	10431/6	0 15 14	16 03 01	6.6	—	—	—	
	7597/4	0 15 14	16 03 32	12.8	—	—	—	
	10432/1	0 15 14	16 03 26	6.1	-0.19	0.10	0.10	
	3457/2	0 15 16	16 03 13	6.0	-0.11	0.14	0.14	
50	10432/2	0 15 24	15 26 24	4.0	0.19	0.27	0.27	
	7597/5	0 15 26	15 26 14	4.4	0.08	0.10	0.10	
54	7597/6	0 15 42	16 01 18	5.6	—	—	—	
55	3101/2	0 15 43	43 43 56	3.8	-0.14	0.20	0.20	
56	10432/3	0 15 48	15 23 36	5.8	0.18	0.15	0.16	
57	6834/6	0 15 58	16 09 55	9.0	—	—	—	
	10432/4	0 15 59	16 09 52	8.0	0.54	0.07	0.08	
	3457/3	0 15 59	16 09 39	12.0	0.68	0.06	0.06	
59	6834/7	0 16 12	15 45 33	3.7	—	—	—	
60	10432/5	0 16 40	15 13 22	4.2	—	—	—	
	505/1	0 16 42	15 12 40	4.5	—	—	—	
61	3101/3	0 17 01	44 06 18	3.7	—	—	—	
62	10432/6	0 17 19	15 41 21	6.8	—	—	—	
	505/2	0 17 20	15 40 48	9.6	—	—	—	
64	505/3	0 17 47	15 24 47	3.8	0.45	0.21	0.21	
65	6012/1	0 18 00	28 22 38	8.1	0.62	0.23	0.26	
66	7765/1	0 18 42	22 03 22	3.7	0.40	0.20	0.20	
67	7765/2	0 18 49	22 14 22	6.0	0.55	0.20	0.20	

Number		Position			Hardness Ratio			
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-	
68	7765/3	0 18 51	22 09 55	4.1	0.77	0.22	0.22	
70	8452/1	0 19 00	00 46 29	3.5	—	—	—	
72	7958/1	0 19 15	- 12 47 57	8.3	—	—	—	
73	6836/1	0 19 22	79 21 03	4.0	—	—	—	
75	5114/1	0 20 03	01 05 56	4.0	0.28	0.21	0.21	
	8452/2	0 20 03	01 05 50	4.3	0.29	0.21	0.21	
76	7765/6	0 20 14	22 40 29	9.2	—	—	—	
77	7958/2	0 20 19	- 12 28 59	16.3	-0.22	0.06	0.06	
79	8452/3	0 20 29	00 58 50	4.6	0.23	0.24	0.24	
80	4969/2	0 21 15	- 72 37 29	9.9	—	—	—	
81	607/1	0 21 22	- 72 40 38	4.3	0.64	0.16	0.19	
	4969/3	0 21 39	- 72 40 42	6.0	—	—	—	
82	4969/4	0 21 51	- 72 21 28	30.3	0.07	0.03	0.03	
84	4969/5	0 22 33	- 72 29 01	7.1	—	—	—	
85	4969/6	0 22 34	- 72 16 08	4.9	0.14	0.16	0.16	
86	1810/1	0 23 15	17 00 43	3.9	0.28	0.29	0.29	
87	1811/1	0 24 00	16 53 10	5.0	0.58	0.17	0.17	
	1810/2	0 24 00	16 53 10	5.7	0.26	0.12	0.13	
89	205/1	0 24 38	22 25 17	6.8	-0.02	0.22	0.22	
90	225/1	0 26 17	07 33 04	4.7	0.28	0.17	0.17	
91	6839/1	0 26 22	07 34 05	5.9	0.24	0.13	0.13	
92	6839/2	0 26 29	07 25 40	4.4	0.50	0.19	0.20	
93	518/1	0 26 37	12 59 23	19.9	0.33	0.04	0.04	
	9553/1	0 26 38	12 59 36	19.9	0.35	0.04	0.04	
	9552/1	0 26 38	12 59 24	18.1	0.35	0.04	0.04	
	9551/1	0 26 38	12 59 30	18.2	0.30	0.04	0.04	
	5417/1	0 26 38	12 59 36	18.2	0.36	0.04	0.04	
	9550/1	0 26 38	12 59 30	18.2	0.38	0.04	0.04	
94	5141/1	0 26 42	34 21 15	5.8	—	—	—	
95	207/1	0 27 49	- 13 12 23	5.4	0.31	0.17	0.17	
96	4969/7	0 28 05	- 71 59 59	5.0	—	—	—	
97	9126/1	0 28 33	- 74 07 55	7.5	—	—	—	
98	2480/1	0 31 45	- 07 37 55	5.6	0.29	0.17	0.17	
99	9112/1	0 31 54	- 06 46 49	9.3	-0.15	0.09	0.09	
100	9112/2	0 32 09	- 07 22 00	3.7	—	—	—	
101	6005/1	0 34 12	33 26 33	3.6	0.19	0.19	0.20	
102	6670/1	0 34 31	- 01 25 28	4.1	-0.12	0.21	0.21	
103	6670/2	0 35 24	- 01 06 02	3.5	—	—	—	
104	606/1	0 35 28	- 72 30 00	7.1	-0.73	0.08	0.08	
105	7508/1	0 35 42	12 10 55	3.8	0.44	0.24	0.26	
106	6828/1	0 36 04	33 09 05	10.2	—	—	—	
	6005/2	0 36 07	33 09 07	4.1	—	—	—	
107	7957/1	0 36 30	21 03 59	4.8	0.11	0.17	0.18	
108	8989/1	0 36 38	- 22 36 48	7.8	0.03	0.10	0.10	
109	7957/2	0 36 50	20 57 10	5.9	—	—	—	
110	5393/1	0 37 15	- 02 28 35	5.7	-0.08	0.15	0.14	
111	573/1	0 37 18	40 15 52	5.4	—	—	—	
113	573/2	0 37 30	40 33 29	24.2	—	—	—	
114	573/3	0 37 37	40 27 31	18.8	0.60	0.05	0.05	
115	1817/2	0 37 44	06 07 19	4.8	—	—	—	
116	5393/2	0 37 46	- 01 56 52	5.6	-0.05	0.18	0.18	
117	5393/3	0 37 48	- 01 53 42	3.9	-0.29	0.34	0.34	
118	7697/1	0 37 43	29 18 59	5.1	—	—	—	
	7917/1	0 37 51	29 17 01	9.9	—	—	—	
120	6828/3	0 38 12	32 53 19	5.8	0.32	0.13	0.13	
121	5393/4	0 38 25	- 02 03 00	9.6	0.49	0.11	0.11	
122	7957/3	0 38 36	20 43 41	5.3	—	—	—	
123	573/4	0 38 40	40 42 41	4.6	—	—	—	
124	6828/4	0 38 44	32 51 20	7.6	0.40	0.13	0.13	
126	7640/1	0 38 56	21 12 17	5.5	-0.07	0.15	0.16	
127	7640/2	0 38 58	21 01 51	8.7	-0.01	0.10	0.10	
128	5393/6	0 39 05	- 01 45 38	5.3	-0.21	0.25	0.25	
129	6828/5	0 39 06	33 01 10	3.8	0.57	0.32	0.32	
131	573/5	0 39 09	40 04 59	16.8	—	—	—	
133	7640/3	0 39 14	21 06 18	9.0	0.23	0.17	0.17	
134	5393/8	0 39 18	- 01 56 03	3.7	-0.57	0.24	0.24	
138	4490/1	0 39 32	41 02 00	12.3	0.64	0.07	0.07	
140	5021/1	0 39 35	40 44 40	7.2	0.52	0.09	0.09	
141	573/8	0 39 31	40 03 19	28.7	—	—	—	
144	4490/2	0 39 50	40 48 23	4.7	—	—	—	

Table D Hardness Ratios

Number		Position			Hardness Ratio		
CAT	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
147	4490/4	0 39 58	40 59 53	38.6	0.39	0.02	0.02
148	5021/2	0 40 00	40 35 46	7.7	—	—	—
149	5393/11	0 40 03	- 02 10 07	4.1	—	—	—
150	4490/5	0 40 06	41 09 14	10.7	0.67	0.14	0.15
151	4490/6	0 40 09	41 14 53	16.8	0.83	0.04	0.04
153	5021/3	0 40 30	40 58 44	9.7	—	—	—
154	4490/7	0 40 31	40 50 45	5.1	0.71	0.17	0.18
158	5021/4	0 40 47	40 51 46	4.2	—	—	—
159	4490/9	0 40 48	40 54 38	5.0	—	—	—
	5021/5	0 40 51	40 54 38	3.9	—	—	—
160	4490/10	0 40 52	40 58 04	10.2	—	—	—
	5021/6	0 40 53	40 57 56	7.3	0.55	0.11	0.12
162	575/2	0 41 02	41 11 49	3.6	—	—	—
164	575/3	0 41 13	41 01 28	3.6	—	—	—
	5021/7	0 41 13	41 00 56	4.7	0.19	0.23	0.23
166	4490/14	0 41 46	41 05 23	9.3	0.62	0.09	0.09
	5021/8	0 41 47	41 05 29	5.5	—	—	—
167	4020/1	0 42 31	00 35 51	5.5	—	—	—
168	575/4	0 42 55	41 51 49	10.3	0.19	0.14	0.14
169	575/5	0 42 58	41 23 41	39.1	—	—	—
170	2082/1	0 43 21	- 25 32 00	5.0	—	—	—
171	575/6	0 43 38	41 48 25	17.2	—	—	—
172	575/7	0 43 39	41 45 40	15.8	—	—	—
174	5766/1	0 44 08	- 21 24 34	5.0	—	—	—
175	575/8	0 44 11	42 04 25	5.9	—	—	—
176	5766/2	0 44 23	- 20 59 47	7.1	0.41	0.14	0.15
177	5362/1	0 44 33	03 03 53	3.9	—	—	—
178	3023/1	0 44 34	- 12 08 24	7.3	-0.90	0.09	0.08
179	5766/3	0 44 35	- 21 03 43	7.3	-0.01	0.15	0.15
181	3534/1	0 44 41	23 59 45	32.7	0.07	0.03	0.03
183	2082/2	0 44 59	- 25 26 56	3.7	0.55	0.27	0.27
184	2082/3	0 45 07	- 25 33 45	22.0	0.34	0.04	0.04
185	575/9	0 45 15	41 24 41	7.1	—	—	—
187	7988/1	0 45 39	- 73 28 58	6.2	0.27	0.10	0.10
188	7988/2	0 45 56	- 73 25 41	7.5	0.00	0.11	0.11
189	2660/1	0 46 05	31 40 51	4.4	0.09	0.28	0.30
190	196/1	0 46 06	01 09 41	3.6	—	—	—
191	2246/1	0 46 08	57 33 03	4.8	-0.52	0.16	0.15
192	2082/4	0 46 20	- 25 10 13	8.2	—	—	—
193	7326/1	0 46 22	81 47 18	4.7	0.36	0.15	0.15
196	7988/3	0 47 17	- 73 30 45	4.4	—	—	—
197	1983/1	0 48 10	- 09 45 16	7.0	0.59	0.12	0.12
198	5123/1	0 48 53	29 07 51	22.5	0.40	0.04	0.04
199	591/1	0 48 48	- 71 25 40	4.0	—	—	—
	592/1	0 49 02	- 71 25 39	6.3	—	—	—
200	8431/1	0 49 18	17 09 47	18.7	0.35	0.04	0.04
201	8454/1	0 49 32	00 19 07	3.9	—	—	—
202	8454/2	0 50 00	00 35 59	4.1	-0.25	0.16	0.16
203	6297/1	0 50 01	- 72 15 10	4.0	—	—	—
205	6755/1	0 50 11	- 72 47 50	7.9	0.72	0.12	0.13
206	7988/5	0 50 14	- 73 26 52	4.1	—	—	—
208	5123/2	0 50 56	29 13 06	6.1	0.11	0.13	0.13
209	2632/1	0 50 58	12 25 16	19.8	0.36	0.04	0.04
210	5123/3	0 51 02	29 08 53	9.9	0.67	0.10	0.10
213	5123/4	0 51 23	29 30 09	5.7	—	—	—
214	8968/1	0 51 26	- 74 55 21	31.1	0.07	0.03	0.03
	9044/1	0 51 26	- 74 55 18	22.3	0.10	0.04	0.04
215	5123/5	0 52 08	29 31 34	7.2	—	—	—
216	6297/3	0 52 11	- 72 42 33	10.3	0.57	0.11	0.11
	7988/7	0 52 12	- 72 42 51	8.5	—	—	—
217	5334/1	0 52 11	25 09 25	15.8	0.24	0.06	0.06
218	5988/1	0 52 16	23 50 31	3.5	-0.26	0.22	0.22
219	4374/1	0 52 42	30 01 10	5.6	—	—	—
220	8991/1	0 53 09	- 22 04 44	3.6	-0.38	0.19	0.18
221	209/1	0 53 09	26 08 20	11.2	0.49	0.06	0.07
222	7988/8	0 53 11	- 72 42 48	6.9	—	—	—
	6297/4	0 53 13	- 72 42 31	9.8	0.81	0.10	0.10
223	209/2	0 53 17	26 04 26	7.7	0.44	0.08	0.08
224	8992/1	0 53 18	- 10 35 22	5.0	—	—	—
225	209/3	0 53 20	25 32 52	3.8	—	—	—

Number		Position			Hardness Ratio		
CAT	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
226	8992/2	0 53 24	- 10 13 57	5.4	0.36	0.21	0.21
228	8992/3	0 53 50	- 09 52 41	11.4	—	—	—
232	4940/1	0 54 32	23 09 09	10.9	-0.01	0.08	0.08
233	4248/1	0 54 33	14 30 05	17.5	0.36	0.05	0.05
	5418/2	0 54 33	14 30 05	30.0	0.29	0.03	0.03
234	4374/2	0 54 52	29 41 47	9.9	—	—	—
235	463/1	0 55 06	30 04 34	4.4	0.49	0.18	0.18
	4374/3	0 55 06	30 05 02	17.7	0.47	0.05	0.05
239	4374/4	0 55 57	29 59 55	3.5	0.15	0.16	0.16
240	6297/10	0 56 32	- 72 34 02	5.3	0.16	0.17	0.17
241	3995/1	0 56 32	- 00 09 18	6.7	0.00	0.15	0.15
242	5418/3	0 56 48	14 31 08	6.2	—	—	—
245	6297/11	0 57 42	- 72 26 12	17.3	0.51	0.06	0.06
246	7326/2	0 57 47	81 36 29	20.6	0.17	0.04	0.04
253	2086/1	1 00 40	02 05 21	6.8	-0.06	0.12	0.12
254	2255/1	1 00 51	40 35 21	9.4	—	—	—
255	7989/1	1 01 18	- 73 00 31	6.4	-0.17	0.13	0.13
	618/1	1 01 20	- 73 00 24	5.3	—	—	—
257	1818/1	1 01 27	24 46 06	3.5	0.70	0.18	0.19
260	2255/2	1 01 45	41 01 57	18.7	0.43	0.04	0.04
261	7989/2	1 02 39	- 72 17 55	63.9	—	—	—
262	1759/1	1 02 21	32 55 34	11.1	—	—	—
263	2086/4	1 02 27	01 45 50	10.8	0.54	0.06	0.06
264	2332/1	1 02 51	- 22 09 08	4.3	—	—	—
267	7989/3	1 03 19	- 72 38 55	14.4	—	—	—
268	2332/2	1 03 24	- 22 02 19	3.6	-0.14	0.30	0.30
269	1759/4	1 03 33	32 50 29	13.9	—	—	—
270	1759/5	1 03 35	32 07 12	5.5	-0.04	0.15	0.15
	6308/1	1 03 40	32 07 04	4.5	0.14	0.19	0.19
271	6308/2	1 04 14	31 53 29	6.5	0.10	0.26	0.27
272	31/1	1 04 27	- 04 09 17	5.0	—	—	—
274	4538/1	1 04 39	61 28 04	4.3	0.28	0.21	0.22
276	6308/3	1 04 43	32 08 55	6.7	0.54	0.17	0.18
277	31/3	1 05 13	- 03 49 53	3.9	0.01	0.14	0.14
278	6308/4	1 05 16	31 44 34	5.7	—	—	—
281	31/5	1 05 36	- 03 54 16	11.2	0.18	0.10	0.10
283	7989/5	1 05 42	- 72 51 15	8.1	0.37	0.13	0.13
284	31/7	1 05 44	- 04 17 03	10.2	0.37	0.11	0.12
285	6308/5	1 05 44	32 01 20	3.6	—	—	—
286	31/8	1 05 50	- 04 04 54	10.1	0.14	0.09	0.09
287	2011/1	1 05 52	01 25 21	3.8	-0.55	0.29	0.28
289	7989/6	1 05 56	- 72 59 28	8.3	—	—	—
291	2011/2	1 06 05	01 19 02	6.1	0.38	0.17	0.17
292	31/11	1 06 15	- 03 56 33	10.5	-0.06	0.07	0.07
296	10766/1	1 06 44	12 53 49	4.8	0.03	0.34	0.34
298	31/16	1 06 53	- 03 32 56	6.6	—	—	—
299	31/17	1 07 02	- 03 55 52	3.7	—	—	—
301	4919/1	1 07 04	59 48 41	10.4	0.58	0.08	0.08
302	8464/1	1 07 07	38 24 31	4.3	—	—	—
303	10105/1	1 07 09	19 23 21	3.6	0.07	0.20	0.20
304	7989/8	1 07 09	- 72 43 52	6.3	0.29	0.16	0.16
306	7989/9	1 07 35	- 72 52 45	7.7	0.49	0.13	0.13
307	8464/2	1 07 40	39 00 50	3.6	—	—	—
309	2011/3	1 08 00	01 39 34	4.4	—	—	—
311	6135/2	1 08 23	17 23 17	8.5	0.56	0.21	0.24
312	8464/3	1 08 28	38 36 28	6.8	0.66	0.17	0.17
313	1819/2	1 08 28	17 22 49	3.8	0.22	0.38	0.41
314	8464/4	1 08 29	38 59 09	9.0	0.30	0.11	0.11
315	2663/1	1 09 11	- 38 20 40	4.6	0.18	0.20	0.20
316	6135/3	1 09 17	17 03 13	3.7	0.16	0.18	0.18
317	8464/5	1 09 22	39 11 30	5.1	—	—	—
318	1985/1	1 09 24	22 28 45	5.9	0.19	0.15	0.15
319	8458/1	1 09 26	02 42 07	4.8	—	—	—
320	8464/6	1 10 06	39 13 14	5.1	—	—	—
322	154/2	1 10 34	15 14 53	4.0	0.09	0.40	0.42
324	203/1	1 10 54	- 00 14 47	4.3	-0.02	0.19	0.19
325	8464/7	1 11 05	38 51 56	13.5	—	—	—
326	8458/3	1 11 08	02 06 16	8.5	—	—	—
327	2663/2	1 11 12	- 38 37 07	5.7	—	—	—
328	7116/1	1 11 20	- 15 06 36	12.8	0.31	0.06	0.06

Table D Hardness Ratios

Number		Position		Hardness Ratio		
CAT	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+ -
330	203/2	1 11 57	- 00 14 45	5.2	0.43	0.18 0.20
	6083/2	1 11 58	- 00 15 20	7.6		
331	6703/1	1 12 14	- 32 29 17	3.6		
332	203/3	1 12 22	- 00 09 05	3.7		
	6083/3	1 12 23	- 00 08 48	9.9	0.43	0.12 0.13
335	5394/3	1 12 44	- 01 42 58	15.5	0.42	0.06 0.06
336	5394/4	1 12 59	- 01 48 18	5.6	0.37	0.39 0.39
337	6083/5	1 13 04	- 00 05 02	4.3	0.18	0.69 0.71
338	5394/5	1 13 52	- 01 45 25	3.8		
340	2300/1	1 14 20	- 06 33 14	15.8	0.10	0.05 0.05
341	8459/1	1 14 20	- 01 23 57	4.2		
342	270/1	1 14 30	- 08 09 59	6.7		
343	6083/6	1 14 29	- 00 15 48	5.6		
	203/4	1 14 30	- 00 15 40	7.9		
344	5394/6	1 14 36	- 01 38 38	3.6	0.04	0.14 0.14
345	6813/1	1 15 12	- 63 28 37	38.3	0.90	0.01 0.01
346	270/2	1 15 13	- 08 12 10	4.1		
349	3900/1	1 15 47	- 27 13 59	4.2		
350	623/1	1 15 43	- 73 42 31	8.2		
	7990/1	1 15 49	- 73 42 02	19.6	0.27	0.08 0.08
352	8459/2	1 16 20	- 01 14 59	8.0	0.57	0.10 0.10
353	270/4	1 16 24	- 08 13 53	4.8	0.18	0.29 0.29
354	7160/1	1 16 36	- 31 47 05	6.4	0.51	0.14 0.15
356	8459/3	1 16 47	- 01 00 14	3.8	-0.07	0.28 0.28
357	5157/2	1 17 14	- 28 37 04	19.0	-0.42	0.04 0.04
358	7990/3	1 17 19	- 73 41 11	9.7	0.27	0.13 0.13
359	3900/2	1 18 09	- 27 17 21	3.6	0.18	0.24 0.24
360	7990/4	1 18 09	- 73 16 49	6.0	0.69	0.14 0.15
361	7208/1	1 18 35	- 04 17 54	5.6		
362	7766/1	1 19 21	- 32 59 53	3.8	-0.36	0.36 0.36
363	2633/1	1 19 27	- 01 17 59	10.2	0.16	0.09 0.09
364	3900/3	1 19 41	- 26 55 07	4.3	0.23	0.18 0.19
365	7766/2	1 19 49	- 32 46 45	7.3	0.19	0.11 0.11
366	5124/1	1 19 58	- 04 36 35	3.8	0.39	0.43 0.46
367	2088/1	1 20 01	- 03 28 22	4.8		
369	4199/1	1 20 23	- 34 04 54	24.1		
370	7766/3	1 20 24	- 33 12 01	18.4	0.40	0.04 0.04
371	7766/4	1 20 27	- 32 56 09	6.0	0.21	0.24 0.25
372	7208/2	1 20 31	- 03 37 59	3.8		
374	7766/5	1 20 51	- 32 59 38	21.2	0.43	0.03 0.03
375	2089/1	1 20 54	- 09 16 08	6.4		
376	7766/6	1 21 21	- 33 22 25	4.1		
377	439/1	1 21 37	- 35 19 36	11.3		
379	2089/2	1 22 07	- 09 03 30	8.7	0.20	0.11 0.11
380	2089/3	1 22 11	- 09 16 44	6.0	0.36	0.13 0.13
381	4199/2	1 22 35	- 34 05 38	5.0		
383	7431/1	1 22 52	- 23 14 57	4.9	-0.03	0.18 0.18
384	153/1	1 22 58	- 01 29 47	4.3		
386	6084/2	1 23 26	- 01 36 17	8.3	0.32	0.24 0.25
387	6080/1	1 23 35	- 18 54 51	11.9	-0.32	0.07 0.07
	190/1	1 23 36	- 18 54 57	7.6	-0.14	0.12 0.11
388	4199/3	1 24 14	- 34 07 17	5.2		
389	6084/3	1 24 40	- 02 07 49	4.1		
390	6080/2	1 24 49	- 18 55 10	33.6	0.21	0.03 0.03
	190/2	1 24 51	- 18 55 10	17.0	0.20	0.05 0.05
391	190/3	1 25 14	- 18 44 18	7.8	0.26	0.11 0.12
	6080/3	1 25 15	- 18 44 13	14.8		
392	8460/1	1 26 15	- 03 01 12	3.5	0.42	0.19 0.19
393	454/1	1 26 26	- 07 25 11	3.6	0.60	0.19 0.20
394	8460/2	1 26 35	- 03 22 31	6.8		
395	7991/1	1 27 17	- 73 45 28	5.2	0.24	0.16 0.16
396	424/1	1 29 11	- 22 37 51	5.2		
397	3556/1	1 29 19	- 29 57 41	5.8		
398	2578/1	1 29 40	- 40 58 36	5.5		
399	5768/1	1 29 45	- 06 40 17	3.6		
400	4249/1	1 30 02	- 03 30 15	4.4	-0.42	0.26 0.26
401	2090/1	1 30 04	- 30 22 54	6.3	0.25	0.14 0.14
402	2090/2	1 30 07	- 30 18 18	4.4		
403	2090/3	1 30 23	- 30 23 57	8.1	0.21	0.21 0.22
	2091/2	1 30 25	- 30 23 06	4.8		

Number		Position		Hardness Ratio		
CAT	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+ -
404	2091/3	1 30 26	- 30 37 37	12.6	0.71	0.07 0.07
	2090/4	1 30 28	- 30 37 57	17.4		
405	4249/2	1 30 31	- 03 23 33	7.0	-0.31	0.13 0.12
406	2091/4	1 30 35	- 30 28 40	10.4	0.69	0.10 0.10
	2090/5	1 30 35	- 30 28 49	14.0	0.57	0.07 0.08
407	2091/5	1 30 40	- 30 12 04	16.8	0.59	0.05 0.05
	2090/6	1 30 41	- 30 12 13	21.0	0.52	0.04 0.04
408	2091/6	1 30 44	- 30 16 37	8.8	0.58	0.10 0.11
	2090/7	1 30 46	- 30 16 57	15.6	0.52	0.07 0.07
409	2091/7	1 31 02	- 30 24 13	56.8	0.58	0.01 0.01
	2090/8	1 31 02	- 30 24 24	72.2	0.59	0.01 0.01
410	2578/2	1 31 06	- 40 33 10	3.6		
411	2090/9	1 31 08	- 30 19 18	5.2	-0.05	0.14 0.14
412	4249/3	1 31 08	- 03 42 24	6.0		
413	2578/3	1 31 11	- 40 56 13	9.1	-0.10	0.09 0.09
414	7951/1	1 31 20	- 06 57 51	3.8		
415	2091/9	1 31 21	- 30 22 14	3.6	-0.30	0.37 0.36
418	2091/11	1 31 35	- 30 39 54	4.0	0.28	0.11 0.11
419	2578/5	1 31 37	- 40 53 29	6.5	0.12	0.14 0.14
420	2578/6	1 31 38	- 40 36 34	5.9	0.13	0.23 0.23
421	2091/12	1 31 42	- 30 31 36	4.9	0.17	0.25 0.24
423	2578/7	1 31 48	- 40 48 13	8.6	0.49	0.10 0.11
424	2090/11	1 31 50	- 30 40 07	5.9	0.64	0.15 0.15
425	2091/13	1 32 01	- 30 13 50	16.2	0.51	0.06 0.06
	2090/12	1 32 02	- 30 14 12	20.1	0.53	0.04 0.04
426	2090/13	1 32 16	- 31 00 04	3.7		
427	5419/1	1 32 31	- 21 01 06	5.2	-0.24	0.26 0.26
428	5257/1	1 32 35	- 41 51 26	5.3	-0.17	0.17 0.17
429	2578/8	1 32 44	- 40 54 23	5.7		
430	2578/9	1 32 48	- 41 11 23	6.2	-0.42	0.08 0.08
431	3351/1	1 33 00	- 50 14 15	3.7		
432	2090/14	1 33 02	- 30 29 39	6.6		
433	2578/10	1 33 04	- 40 50 26	5.3		
435	5257/2	1 33 31	- 41 21 34	3.9		
437	540/1	1 33 40	- 20 42 15	15.9	0.17	0.06 0.06
	482/1	1 33 40	- 20 42 23	13.4	0.19	0.07 0.07
	5419/3	1 33 41	- 20 42 16	29.4	0.40	0.03 0.03
438	5419/4	1 33 45	- 20 12 02	4.0		
439	3351/2	1 34 04	- 50 42 00	4.9	-0.04	0.37 0.38
440	7042/2	1 34 04	- 15 31 54	3.9	0.42	0.28 0.29
442	5419/5	1 34 25	- 20 27 12	17.9		
443	5419/6	1 34 25	- 20 43 35	4.1	0.19	0.20 0.20
444	480/1	1 34 51	- 32 54 24	22.3	0.23	0.04 0.04
445	513/1	1 35 02	- 03 39 32	5.3	0.46	0.15 0.16
446	3996/1	1 35 06	- 25 03 46	4.7		
447	3996/2	1 35 17	- 24 46 04	10.6	0.20	0.09 0.09
448	513/2	1 35 23	- 03 24 53	4.9	0.04	0.25 0.25
449	513/3	1 35 28	- 02 56 14	6.8	0.14	0.12 0.12
450	4935/1	1 36 01	- 56 14 28	11.2		
451	6953/1	1 36 17	- 18 36 03	4.2		
452	3996/3	1 36 21	- 25 05 56	5.6	-0.44	0.14 0.13
453	4941/1	1 36 21	- 44 07 41	8.9	0.04	0.10 0.11
454	4250/1	1 36 21	- 06 06 29	5.4	0.11	0.26 0.27
455	905/2	1 36 31	- 18 12 18	21.3	-0.22	0.04 0.04
	906/1	1 36 32	- 18 12 28	12.9	-0.19	0.06 0.06
	6952/1	1 36 32	- 18 12 21	31.4	-0.21	0.03 0.03
	6953/2	1 36 33	- 18 12 27	32.5	-0.15	0.03 0.03
457	228/1	1 37 23	- 01 16 30	7.0	0.37	0.13 0.14
458	4251/1	1 37 45	- 01 05 03	9.0	0.12	0.10 0.10
459	6953/3	1 37 47	- 18 04 55	4.9		
460	4935/2	1 37 56	- 56 26 42	4.8		
461	9113/1	1 38 07	- 12 06 52	3.6	0.28	0.20 0.20
464	3719/1	1 38 37	- 30 33 16	3.6		
465	3719/2	1 38 40	- 30 46 56	3.7	-0.04	0.18 0.18
466	8347/2	1 38 58	- 39 39 57	4.2		
467	4250/2	1 39 23	- 05 57 21	4.5		
468	9113/2	1 39 32	- 11 46 37	3.7		
470	3719/3	1 40 20	- 30 42 21	6.3	0.15	0.15 0.15
471	3719/4	1 40 23	- 30 55 01	7.3		
472	3719/5	1 40 30	- 30 22 04	3.8		

Table D Hardness Ratios

Number		Position			Hardness Ratio		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
473	3464/1	1 41 23	02 05 46	5.4	-0.17	0.26	0.26
474	3714/1	1 44 12	-00 55 33	10.5	0.11	0.09	0.09
475	3718/1	1 44 19	-01 48 49	3.8	---	---	---
476	8366/1	1 44 30	35 02 44	4.2	---	---	---
477	8366/2	1 44 43	34 38 56	4.5	---	---	---
478	8366/3	1 45 21	34 38 08	6.9	0.16	0.21	0.21
479	8366/4	1 45 41	34 24 49	5.1	0.08	0.10	0.10
480	3727/1	1 45 42	01 38 14	3.7	-0.55	0.21	0.21
481	8366/5	1 45 55	34 48 29	5.3	0.23	0.24	0.24
482	8366/6	1 45 59	34 57 31	6.4	0.10	0.14	0.14
484	7842/1	1 46 31	-21 08 00	6.1	0.04	0.16	0.16
485	4021/1	1 46 45	-39 34 33	3.8	---	---	---
486	3727/2	1 47 35	01 46 46	4.0	---	---	---
487	4021/2	1 47 53	-39 41 33	5.4	---	---	---
489	4021/3	1 48 27	-39 39 00	8.8	-0.11	0.12	0.11
490	5769/1	1 48 34	-13 53 01	3.6	---	---	---
491	4021/4	1 49 17	-39 42 52	4.1	-0.00	0.46	0.46
492	4021/5	1 49 31	-39 29 48	5.4	0.16	0.15	0.15
494	4021/6	1 49 52	-39 20 00	4.0	---	---	---
495	845/1	1 50 14	29 20 00	18.6	-0.07	0.05	0.05
496	5769/2	1 50 17	-14 12 35	4.8	0.04	0.19	0.19
497	5769/3	1 50 35	-13 58 56	7.9	0.05	0.11	0.11
498	5179/1	1 50 41	-10 40 26	4.4	-0.10	0.25	0.25
500	4021/7	1 51 00	-39 19 39	4.2	---	---	---
501	8333/1	1 51 21	04 41 31	3.6	-0.47	0.29	0.29
502	5179/3	1 51 31	-10 38 50	4.0	-0.16	0.20	0.20
503	8333/2	1 51 51	04 33 25	4.8	-0.04	0.22	0.22
504	5179/4	1 51 52	-10 55 28	4.0	---	---	---
505	8333/3	1 52 28	04 24 18	6.4	0.49	0.16	0.17
506	7698/1	1 54 22	31 40 08	7.4	---	---	---
507	7698/2	1 54 26	31 58 15	9.5	0.61	0.09	0.09
508	846/1	1 57 15	-61 48 35	3.8	0.06	0.27	0.27
509	5335/1	1 57 16	00 09 29	5.3	0.34	0.15	0.16
510	7710/1	1 57 30	12 49 13	11.3	-0.11	0.08	0.08
511	5163/1	1 57 57	-08 53 57	4.0	---	---	---
512	846/2	1 58 03	-61 21 54	3.7	0.25	0.17	0.18
513	5335/2	1 58 32	00 19 58	14.1	---	---	---
515	1658/1	1 59 17	64 31 34	6.0	---	---	---
516	5163/2	2 00 31	-08 56 44	5.8	0.11	0.24	0.25
517	5163/3	2 00 56	-08 58 21	5.0	-0.34	0.22	0.21
518	2903/1	2 01 51	64 35 25	14.6	0.56	0.04	0.05
522	1658/2	2 01 53	64 35 33	26.8	0.56	0.02	0.02
	3255/1	2 04 10	15 03 24	10.2	---	---	---
	3187/1	2 04 10	15 03 33	23.0	0.45	0.04	0.04
	7284/1	2 04 11	15 03 27	18.9	---	---	---
524	3978/1	2 04 50	02 17 30	4.8	0.23	0.28	0.28
525	3978/2	2 05 03	01 57 27	4.2	---	---	---
526	3978/3	2 05 15	02 28 47	28.2	-0.15	0.03	0.03
528	3187/2	2 05 29	14 54 37	5.7	-0.12	0.17	0.17
529	5443/1	2 05 42	35 09 11	4.6	0.47	0.16	0.16
530	3978/4	2 06 03	02 18 48	5.4	0.01	0.16	0.16
532	7828/1	2 06 16	-10 19 22	8.8	-0.07	0.12	0.12
534	1241/1	2 06 19	52 12 34	23.2	---	---	---
536	3978/5	2 07 01	02 08 52	4.6	0.29	0.13	0.14
538	4253/1	2 07 27	-39 52 35	4.2	0.39	0.19	0.19
539	7828/3	2 07 29	-10 16 59	4.2	---	---	---
540	6729/1	2 07 44	-15 05 57	3.7	---	---	---
541	4920/1	2 08 28	-63 32 47	8.8	0.31	0.10	0.10
543	10235/1	2 08 46	73 47 22	4.6	0.16	0.20	0.20
544	3533/1	2 09 28	30 04 12	21.0	0.14	0.04	0.04
545	4470/1	2 10 23	-01 03 26	3.5	0.39	0.22	0.23
548	4470/2	2 12 01	-00 59 51	27.6	0.27	0.03	0.03
549	10235/3	2 12 49	73 35 42	17.5	0.84	0.04	0.04
	7584/1	2 12 51	73 35 34	12.5	0.63	0.06	0.07
551	10379/3	2 14 58	18 13 33	4.9	-0.27	0.23	0.22
552	2253/1	2 14 59	-03 22 07	4.5	---	---	---
553	6004/1	2 15 04	-51 34 17	3.6	0.23	0.28	0.28
555	6339/2	2 16 07	14 22 43	3.7	---	---	---
556	7563/1	2 16 54	62 48 04	3.7	0.71	0.26	0.26
557	7725/1	2 18 47	42 49 10	3.5	0.53	0.32	0.33

Number		Position			Hardness Ratio		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
558	3068/1	2 19 31	42 48 36	39.8	0.40	0.02	0.02
	7725/2	2 19 31	42 48 32	9.9	0.42	0.09	0.10
559	3068/2	2 19 41	42 44 28	4.2	0.14	0.23	0.23
560	7725/3	2 20 02	42 46 13	7.4	0.70	0.12	0.13
	3068/3	2 20 03	42 46 26	6.7	0.37	0.14	0.14
561	7725/4	2 20 04	42 41 56	4.4	-0.27	0.35	0.36
562	7725/5	2 20 23	42 41 28	3.9	---	---	---
563	3068/5	2 21 10	42 48 50	5.8	0.16	0.16	0.17
	7725/6	2 21 11	42 48 22	5.7	---	---	---
564	229/1	2 21 32	-08 49 21	4.2	0.77	0.19	0.21
565	3256/1	2 21 51	06 45 52	8.9	0.72	0.10	0.11
566	2565/1	2 21 53	61 52 13	4.8	0.35	0.21	0.22
569	6705/1	2 24 32	30 45 14	22.4	---	---	---
570	7286/1	2 24 43	67 08 20	3.7	0.58	0.18	0.21
571	7285/2	2 24 53	67 10 50	6.6	-0.31	0.16	0.15
	7286/2	2 25 01	67 11 20	4.0	0.50	0.25	0.28
572	5771/2	2 25 05	-01 22 54	3.8	-0.05	0.37	0.37
573	6705/2	2 25 17	31 05 24	24.1	0.61	0.03	0.03
574	6705/3	2 25 34	31 21 07	7.3	0.44	0.10	0.10
576	10223/1	2 25 34	-10 51 54	4.3	---	---	---
577	10223/2	2 25 59	-10 49 07	7.0	-0.03	0.14	0.14
578	4022/1	2 26 23	-03 50 44	4.5	0.36	0.17	0.19
579	10223/3	2 26 52	-10 41 13	5.9	0.12	0.16	0.16
580	2334/1	2 27 00	-13 11 07	3.5	0.44	0.48	0.49
	2335/1	2 27 00	-13 11 38	3.6	0.35	0.20	0.21
581	2335/2	2 27 30	-13 29 04	5.8	0.20	0.26	0.26
583	5142/1	2 27 52	34 08 26	5.2	---	---	---
584	2335/4	2 28 37	-13 21 30	3.9	-0.45	0.29	0.29
585	3257/1	2 29 03	13 09 26	4.6	0.37	0.16	0.17
586	5142/2	2 29 07	34 27 08	3.7	---	---	---
587	2335/5	2 29 21	-13 32 36	4.6	---	---	---
588	5142/3	2 29 31	33 51 25	6.7	---	---	---
590	3143/1	2 32 11	-09 00 22	35.2	0.21	0.02	0.03
591	4544/1	2 32 31	23 21 37	5.2	-0.41	0.18	0.17
593	7922/1	2 32 37	-04 15 03	6.8	---	---	---
594	7922/2	2 32 49	-04 00 07	6.9	0.09	0.11	0.11
595	2728/1	2 32 50	59 26 25	6.4	0.58	0.14	0.15
596	4412/1	2 33 25	06 39 19	4.7	-0.27	0.14	0.14
598	10452/1	2 33 44	01 51 54	8.4	---	---	---
599	4412/3	2 33 46	06 49 53	5.5	0.15	0.23	0.23
601	10452/2	2 34 02	01 46 57	9.7	-0.13	0.11	0.11
602	7922/3	2 34 12	-03 21 54	4.5	---	---	---
603	9285/1	2 34 12	16 20 36	6.3	0.29	0.15	0.15
	7506/1	2 34 12	16 20 37	4.3	---	---	---
604	4412/5	2 34 27	06 41 44	5.1	-0.21	0.18	0.18
605	10452/3	2 34 27	01 55 15	5.3	-0.46	0.23	0.22
606	10452/4	2 34 41	01 57 24	3.8	-0.03	0.41	0.41
607	10224/1	2 34 46	-02 10 33	8.4	0.31	0.11	0.11
609	3258/1	2 34 56	28 35 08	6.1	0.52	0.16	0.17
612	10224/2	2 35 31	-02 26 27	4.2	---	---	---
613	10452/6	2 35 33	01 21 38	9.5	-0.34	0.08	0.08
615	9285/4	2 35 37	16 31 45	5.6	0.58	0.14	0.15
616	10452/7	2 35 44	01 54 32	6.4	0.01	0.14	0.14
617	10452/8	2 35 51	01 41 28	33.0	0.12	0.03	0.03
618	7506/2	2 35 52	16 24 02	6.5	0.34	0.13	0.14
	9562/1	2 35 52	16 24 23	6.8	0.60	0.12	0.13
	9283/1	2 35 53	16 24 00	5.1	0.75	0.18	0.20
	1987/1	2 35 53	16 24 06	6.3	0.77	0.12	0.13
	9285/5	2 35 53	16 24 15	19.4	0.63	0.04	0.04
	7507/1	2 35 53	16 24 21	7.5	0.68	0.09	0.10
619	5691/1	2 35 54	16 24 13	5.9	0.28	0.13	0.14
	3623/1	2 36 19	61 30 59	3.7	0.33	0.23	0.24
620	2013/1	2 36 19	-23 04 28	3.9	0.14	0.33	0.33
621	10452/9	2 36 22	01 36 08	4.4	---	---	---
622	245/1	2 36 25	-01 48 02	4.9	0.29	0.22	0.23
623	7894/1	2 36 25	-00 14 47	3.6	---	---	---
624	10452/10	2 36 26	01 44 10	7.0	---	---	---
625	2013/2	2 36 27	-22 46 36	4.0	0.31	0.34	0.33
626	7894/2	2 36 31	00 08 10	3.8	0.39	0.51	0.51
627	3622/1	2 36 40	61 00 51	6.2	0.84	0.09	0.10

Table D Hardness Ratios

Number		Position			Hardness Ratio		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
628	4540/1	2 36 41	61 01 02	7.2	0.81	0.07	0.09
628	7894/3	2 36 49	- 00 14 02	8.4	—	—	—
629	10452/11	2 36 52	01 37 20	4.0	-0.28	0.27	0.27
631	3259/1	2 37 15	- 02 47 33	5.3	0.45	0.18	0.20
632	7185/1	2 37 17	04 03 39	5.7	0.46	0.14	0.15
635	1880/1	2 37 39	- 08 05 03	5.6	0.21	0.11	0.11
636	1880/2	2 37 40	- 08 14 45	3.5	—	—	—
637	5181/1	2 37 48	39 53 41	3.9	0.14	0.21	0.21
638	2013/3	2 37 52	- 23 21 45	10.2	0.10	0.08	0.08
	2705/1	2 37 52	- 23 21 43	6.8	0.38	0.12	0.13
639	2014/1	2 37 53	- 23 22 02	14.0	0.30	0.07	0.07
	3466/1	2 37 56	06 54 27	4.9	—	—	—
640	1880/3	2 37 58	- 08 37 30	8.2	0.34	0.12	0.12
641	1880/4	2 38 14	- 08 13 56	3.6	0.21	0.27	0.27
642	1880/5	2 38 37	- 08 27 58	10.5	0.50	0.09	0.09
643	3625/1	2 38 41	62 32 17	3.9	-0.07	0.25	0.24
644	2014/2	2 38 52	- 23 14 56	4.8	-0.20	0.27	0.27
645	3466/2	2 38 56	06 58 29	25.2	0.45	0.03	0.03
647	3466/3	2 39 56	07 04 39	6.1	0.69	0.15	0.16
649	1927/1	2 40 07	- 00 13 29	22.3	-0.15	0.04	0.04
650	7510/1	2 40 13	11 05 32	3.8	0.15	0.30	0.31
651	3998/1	2 40 19	- 21 44 54	9.4	0.31	0.09	0.09
652	3466/4	2 40 22	06 57 52	4.4	—	—	—
653	3625/2	2 41 02	62 15 40	21.4	0.80	0.03	0.03
654	7510/2	2 41 40	10 44 58	8.1	—	—	—
655	4033/1	2 42 22	- 40 47 55	4.5	0.51	0.32	0.32
656	7737/1	2 42 23	- 69 33 48	3.7	0.78	0.22	0.25
657	4033/2	2 42 27	- 41 08 01	3.8	0.39	0.46	0.45
658	5448/1	2 42 47	- 18 46 54	10.6	-0.30	0.07	0.07
660	1773/1	2 42 58	36 41 51	8.2	0.68	0.09	0.10
661	2093/1	2 44 10	- 30 29 03	16.3	0.29	0.05	0.05
663	7737/2	2 44 24	69 25 35	17.5	0.08	0.05	0.05
664	2661/1	2 44 38	19 09 54	8.9	—	—	—
665	2093/2	2 44 42	- 30 19 53	5.4	-0.09	0.19	0.19
666	9138/1	2 44 52	- 00 24 54	6.8	0.16	0.13	0.13
667	2661/2	2 44 52	19 28 34	5.4	—	—	—
668	2093/3	2 45 27	- 30 14 26	5.5	—	—	—
670	2661/3	2 46 32	19 05 52	6.3	0.37	0.15	0.16
671	6128/1	2 47 27	- 25 02 05	10.2	—	—	—
672	7651/1	2 47 28	- 31 23 33	10.6	0.47	0.06	0.07
673	6128/2	2 49 12	- 25 08 52	16.0	0.36	0.04	0.04
674	9065/1	2 50 09	- 12 58 20	18.7	-0.21	0.04	0.04
676	7699/1	2 52 57	15 28 33	3.7	0.02	0.19	0.19
678	7699/2	2 54 19	15 19 59	4.6	—	—	—
679	6085/1	2 54 45	05 34 25	5.2	0.47	0.20	0.21
680	6085/2	2 54 47	05 56 47	5.4	—	—	—
681	6085/3	2 55 01	05 49 10	12.8	0.54	0.06	0.06
684	9691/1	2 55 13	20 27 53	9.1	-0.30	0.09	0.09
685	9691/2	2 55 19	20 18 13	5.9	0.19	0.18	0.18
686	6085/4	2 55 22	05 43 13	5.1	0.24	0.15	0.15
689	5698/1	2 56 57	07 12 21	6.6	—	—	—
690	9691/3	2 57 08	20 27 29	3.8	-0.70	0.24	0.23
691	5698/2	2 57 21	07 33 09	6.2	-0.44	0.13	0.12
692	5450/1	2 57 53	04 02 48	3.8	—	—	—
693	4545/1	2 57 56	34 29 34	4.2	—	—	—
694	4611/1	2 58 03	43 11 04	6.5	0.70	0.12	0.13
695	5450/2	2 58 33	03 18 16	3.7	0.09	0.14	0.14
696	7525/1	2 58 36	- 23 15 28	4.0	—	—	—
697	9183/1	2 58 36	- 15 14 44	3.5	-0.04	0.36	0.36
698	1825/1	2 58 47	35 38 50	5.6	0.69	0.15	0.17
700	6663/1	2 59 17	- 61 23 40	3.9	—	—	—
701	4611/3	2 59 26	43 31 47	3.8	0.48	0.36	0.39
703	5450/3	2 59 48	03 30 12	4.5	—	—	—
704	9183/2	3 00 10	- 15 28 06	4.0	-0.37	0.18	0.17
705	5450/4	3 00 17	03 42 05	3.7	0.56	0.16	0.16
708	6830/1	3 01 22	17 08 11	5.3	—	—	—
711	3952/1	3 01 43	15 16 14	4.6	—	—	—
714	6830/2	3 02 30	17 16 52	6.4	0.78	0.15	0.15
715	2338/1	3 02 35	- 22 23 30	5.5	0.40	0.18	0.18
716	6830/3	3 02 45	16 58 33	9.0	0.52	0.11	0.11

Number		Position			Hardness Ratio		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
717	3952/2	3 03 13	15 09 51	3.5	-0.10	0.25	0.25
720	6830/6	3 03 53	17 16 58	6.6	-0.00	0.14	0.14
722	3952/3	3 04 16	15 22 53	3.9	0.71	0.20	0.21
726	4418/1	3 05 36	49 25 22	3.7	-0.68	0.31	0.31
727	9146/1	3 05 49	03 54 57	7.5	0.58	0.10	0.10
728	8993/1	3 06 05	- 23 53 09	3.6	0.37	0.36	0.38
729	2295/2	3 06 14	24 03 29	7.0	—	—	—
730	3260/1	3 06 21	10 17 52	4.7	0.52	0.17	0.18
731	9084/1	3 07 28	14 24 34	4.1	0.22	0.34	0.34
732	3193/1	3 07 48	47 59 23	4.6	0.60	0.14	0.16
733	9084/2	3 08 23	14 12 53	10.0	0.39	0.09	0.09
736	3193/2	3 09 54	47 55 21	11.0	0.15	0.08	0.08
737	6465/1	3 10 27	- 55 43 22	6.1	0.07	0.17	0.17
738	7414/1	3 11 49	- 08 01 35	4.1	-0.05	0.20	0.20
741	3954/1	3 12 03	14 05 37	6.5	0.36	0.18	0.19
744	4900/1	3 12 07	- 09 15 54	5.6	—	—	—
745	4887/1	3 12 54	34 29 51	5.8	-0.16	0.22	0.22
748	7044/1	3 13 36	- 66 54 12	3.5	—	—	—
749	4887/2	3 13 45	34 26 08	4.6	—	—	—
750	2094/1	3 15 47	- 19 55 11	8.2	0.04	0.09	0.09
752	7955/1	3 16 47	03 11 35	27.7	—	—	—
753	7511/1	3 17 01	18 34 50	17.5	0.45	0.04	0.04
755	7044/3	3 17 43	- 66 40 12	17.1	0.52	0.05	0.05
756	7044/4	3 17 45	- 66 47 04	13.9	0.60	0.07	0.07
757	2094/2	3 17 54	- 19 48 58	4.8	0.24	0.21	0.21
758	2094/3	3 18 05	- 19 37 01	5.8	0.36	0.14	0.14
759	2094/4	3 18 34	- 19 26 55	12.4	-0.04	0.07	0.07
760	4254/1	3 20 06	- 53 22 05	4.0	—	—	—
761	10571/1	3 20 47	- 37 23 25	10.2	0.04	0.10	0.10
	1884/1	3 20 47	- 37 22 46	10.7	0.10	0.08	0.08
762	1883/1	3 20 48	- 37 23 08	8.8	0.07	0.09	0.09
762	4254/2	3 20 54	- 53 22 24	7.0	0.15	0.10	0.10
764	10571/2	3 21 23	- 37 26 29	3.6	-0.12	0.39	0.39
765	7044/5	3 21 33	- 66 57 25	5.4	—	—	—
766	1884/2	3 21 38	- 37 26 28	3.8	-0.03	0.48	0.49
768	4254/4	3 23 09	- 53 30 18	4.1	—	—	—
772	7028/1	3 24 04	- 21 30 25	12.0	0.18	0.09	0.09
773	5453/1	3 24 08	- 20 12 26	7.1	-0.17	0.13	0.13
777	8404/3	3 25 12	- 17 46 12	5.2	0.16	0.18	0.18
778	5453/2	3 25 22	- 19 59 34	4.8	0.06	0.20	0.20
779	5453/3	3 25 38	- 19 58 34	7.1	-0.24	0.12	0.12
780	7028/3	3 25 56	- 21 50 09	3.8	—	—	—
782	5453/4	3 26 42	- 20 08 48	5.5	0.06	0.17	0.17
783	6732/1	3 27 14	- 24 16 20	15.0	-0.06	0.06	0.06
784	6732/2	3 27 46	- 24 07 28	5.5	0.52	0.18	0.19
785	3188/1	3 27 47	43 44 05	18.3	0.77	0.04	0.04
	5174/1	3 27 47	43 44 04	49.4	0.77	0.01	0.01
	1757/1	3 27 49	43 44 16	12.0	0.83	0.06	0.06
786	6732/3	3 29 20	- 24 12 58	4.6	—	—	—
787	5776/1	3 29 55	- 33 29 48	5.6	—	—	—
789	4088/1	3 30 43	- 26 13 11	4.1	—	—	—
790	5174/2	3 30 52	43 23 25	4.6	—	—	—
791	8397/1	3 30 53	06 06 28	9.3	—	—	—
792	6369/1	3 31 07	- 05 22 03	6.6	0.57	0.18	0.18
793	3058/1	3 31 19	- 36 30 10	3.8	-0.33	0.25	0.22
	3059/1	3 31 20	- 36 29 50	7.0	0.02	0.11	0.11
794	3058/2	3 31 44	- 36 18 18	4.6	0.51	0.17	0.18
	4129/1	3 31 44	- 36 19 10	5.1	—	—	—
	3059/2	3 31 45	- 36 18 41	7.7	0.28	0.11	0.11
796	3886/1	3 31 54	31 50 52	7.6	—	—	—
797	8397/2	3 32 10	06 15 15	16.5	0.17	0.06	0.06
799	8397/4	3 33 05	06 07 37	5.9	—	—	—
801	3886/3	3 33 22	32 08 39	17.2	0.77	0.04	0.04
802	8397/5	3 33 34	05 59 18	3.5	—	—	—
805	3059/3	3 34 15	- 36 17 25	4.1	—	—	—
807	4129/2	3 34 52	- 36 09 35	5.0	-0.49	0.30	0.29
810	4087/1	3 35 25	- 25 28 30	4.0	—	—	—
811	2097/1	3 35 27	- 26 19 09	5.3	—	—	—
813	4084/1	3 36 04	- 24 53 29	9.9	—	—	—
814	4087/2	3 36 20	- 25 45 51	4.1	0.20	0.22	0.21

Table D Hardness Ratios

Number		Position		Hardness Ratio			
CAT	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
817	2096/2	3 36 47	- 26 30 20	6.2	0.05	0.19	0.19
818	3449/1	3 36 53	- 53 01 01	9.4	—	—	—
820	7162/1	3 37 00	- 01 56 10	5.0	-0.02	0.22	0.22
823	7162/2	3 37 36	- 02 02 47	4.3	0.02	0.29	0.29
825	3894/1	3 38 24	- 21 29 05	5.7	-0.49	0.16	0.16
826	3894/2	3 39 52	- 21 24 08	19.4	—	—	—
827	5116/1	3 39 56	04 43 34	4.0	—	—	—
829	5116/3	3 40 24	04 46 00	5.2	0.21	0.19	0.19
831	9916/1	3 40 49	24 50 43	5.8	—	—	—
833	5116/5	3 40 52	04 48 27	12.3	0.62	0.07	0.07
834	5457/1	3 41 04	24 20 57	7.4	0.28	0.12	0.13
	9916/3	3 41 07	24 20 54	4.7	—	—	—
835	5457/2	3 41 07	24 07 16	3.6	0.43	0.37	0.39
	5458/2	3 41 08	24 07 02	3.8	—	—	—
836	7045/1	3 41 08	67 55 38	6.1	0.77	0.11	0.12
837	4086/1	3 41 12	- 25 39 39	3.9	-0.07	0.36	0.35
839	5457/3	3 41 16	23 52 29	3.5	0.26	0.27	0.28
840	9918/2	3 41 17	23 56 40	5.7	—	—	—
	5458/3	3 41 17	23 56 21	8.1	—	—	—
841	5458/4	3 41 22	24 37 31	5.8	—	—	—
	9916/4	3 41 22	24 37 57	9.4	0.40	0.08	0.08
843	5458/5	3 41 28	24 25 38	7.2	—	—	—
	5457/5	3 41 28	24 25 57	5.4	—	—	—
	9916/6	3 41 28	24 25 58	8.8	0.22	0.12	0.12
844	5457/6	3 41 29	24 01 09	3.6	0.46	0.22	0.23
845	1829/1	3 41 35	- 53 47 26	21.5	0.40	0.07	0.07
846	9916/7	3 41 42	24 39 56	3.6	—	—	—
847	5116/6	3 41 56	04 51 18	4.7	0.13	0.20	0.20
848	7045/2	3 42 00	67 56 47	5.1	0.41	0.16	0.17
849	9916/8	3 42 12	24 18 27	4.1	-0.36	0.27	0.27
850	9918/3	3 42 22	23 34 17	5.8	0.60	0.15	0.16
851	7045/3	3 42 30	67 42 00	6.7	0.23	0.12	0.13
852	5458/7	3 42 35	24 09 12	3.7	-0.02	0.31	0.31
853	5458/8	3 42 36	23 55 54	3.8	—	—	—
	2296/2	3 42 37	23 55 46	4.7	—	—	—
854	9916/9	3 42 39	24 27 58	6.1	0.23	0.17	0.17
	5458/9	3 42 41	24 28 18	6.5	0.36	0.16	0.17
855	5457/7	3 42 41	23 35 47	3.7	0.24	0.21	0.22
	2296/3	3 42 43	23 35 46	7.7	—	—	—
856	9916/11	3 42 43	24 45 05	10.2	-0.07	0.09	0.09
857	2296/4	3 42 45	24 03 46	5.4	0.24	0.14	0.14
858	9916/12	3 43 08	24 24 28	3.6	0.47	0.28	0.29
859	2296/5	3 43 09	23 11 38	3.9	—	—	—
	9918/6	3 43 13	23 10 57	3.6	—	—	—
860	5983/1	3 43 12	41 14 18	4.7	0.20	0.18	0.19
861	2296/6	3 43 17	24 02 17	7.0	—	—	—
862	9918/7	3 43 19	23 47 49	5.8	—	—	—
	5458/11	3 43 21	23 47 31	4.0	-0.12	0.18	0.18
	2296/7	3 43 22	23 47 36	7.9	0.31	0.14	0.15
863	9918/8	3 43 28	23 26 24	4.4	0.23	0.20	0.20
864	5458/12	3 43 28	24 16 39	6.8	0.28	0.11	0.11
	9916/13	3 43 30	24 17 04	6.6	—	—	—
866	9918/9	3 43 40	23 52 30	4.3	—	—	—
867	2296/9	3 43 40	23 56 31	3.7	0.08	0.20	0.20
868	9918/10	3 43 41	23 20 30	33.4	—	—	—
869	6018/1	3 43 51	- 24 26 41	10.0	0.30	0.10	0.10
870	9916/14	3 44 04	24 39 43	3.9	0.11	0.17	0.17
872	2296/11	3 44 10	23 33 55	6.8	0.05	0.14	0.14
873	2296/12	3 44 12	24 07 40	4.4	0.14	0.17	0.17
874	2296/13	3 44 19	23 52 51	3.7	-0.10	0.22	0.22
875	2296/14	3 44 24	23 45 50	4.8	0.17	0.14	0.14
876	9917/1	3 44 24	24 26 18	7.0	—	—	—
	9916/15	3 44 25	24 26 06	7.2	0.26	0.14	0.14
	5458/13	3 44 25	24 26 09	7.4	0.14	0.13	0.13
	6003/2	3 44 25	24 26 41	4.5	—	—	—
878	9917/2	3 44 33	24 13 00	6.3	—	—	—
	5458/14	3 44 33	24 13 09	4.3	0.49	0.27	0.27
880	2296/16	3 44 44	23 48 31	5.9	0.57	0.16	0.16
881	2296/17	3 45 07	23 51 05	19.2	—	—	—
882	2296/18	3 45 21	23 39 58	4.1	—	—	—

Number		Position		Hardness Ratio			
CAT	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
884	2296/20	3 46 07	- 23 37 43	15.3	0.04	0.05	0.05
885	3178/1	3 46 18	- 01 06 53	10.0	-0.88	0.04	0.04
886	9917/3	3 46 21	24 37 15	4.2	0.20	0.18	0.18
888	9917/5	3 46 36	24 22 52	4.0	0.61	0.18	0.19
889	8384/1	3 46 40	- 45 23 48	4.9	0.53	0.12	0.12
890	9917/6	3 46 43	24 10 01	6.4	—	—	—
893	6734/1	3 47 02	05 08 28	3.8	0.09	0.26	0.27
894	7815/1	3 47 32	17 06 02	14.1	-0.47	0.05	0.05
	7814/1	3 47 32	17 05 45	19.6	-0.35	0.04	0.04
	7413/1	3 47 34	17 06 02	17.3	-0.31	0.04	0.04
895	9917/7	3 47 48	24 45 04	9.2	—	—	—
896	9917/8	3 48 06	24 35 15	4.6	0.07	0.20	0.20
897	2346/1	3 48 13	- 14 04 24	4.7	0.20	0.24	0.24
898	9917/9	3 48 26	24 39 08	8.7	—	—	—
899	3175/1	3 49 04	24 31 15	3.8	0.21	0.20	0.21
900	4579/1	3 50 03	- 37 12 46	11.3	0.11	0.08	0.08
901	7408/1	3 50 34	25 28 04	3.6	0.36	0.26	0.27
902	2227/1	3 50 56	31 44 05	6.3	0.22	0.15	0.16
903	2227/2	3 51 21	31 54 16	4.3	—	—	—
904	1931/1	3 51 33	02 40 32	8.7	—	—	—
905	2227/3	3 51 43	31 11 53	4.1	—	—	—
908	1099/1	3 53 06	- 74 10 39	6.7	0.16	0.19	0.19
	8385/1	3 53 19	- 74 10 35	8.3	0.66	0.10	0.11
910	4578/1	3 53 40	- 36 42 32	4.9	-0.09	0.18	0.18
911	6311/1	3 54 13	10 12 05	4.8	—	—	—
913	4578/3	3 54 38	- 36 50 18	6.8	-0.85	0.10	0.09
915	5460/1	3 54 59	- 01 18 03	6.2	-0.20	0.12	0.12
916	2218/1	3 55 43	35 38 40	9.2	0.32	0.09	0.09
917	6311/2	3 56 55	10 11 25	10.7	-0.32	0.09	0.09
	2683/1	3 56 55	10 11 18	4.9	-0.23	0.21	0.21
	10434/1	3 56 56	10 11 29	5.4	0.20	0.17	0.18
919	2683/2	3 57 27	10 47 06	4.0	—	—	—
	6311/3	3 57 29	10 47 12	6.1	—	—	—
920	4901/2	3 57 44	- 23 40 48	4.5	—	—	—
922	4577/1	3 58 23	- 37 01 17	5.2	0.32	0.20	0.20
923	7164/1	3 59 40	25 47 05	4.6	0.35	0.14	0.14
924	4612/1	3 59 58	34 41 57	5.6	—	—	—
926	3994/1	4 00 46	26 02 30	5.7	-0.18	0.14	0.14
927	7164/2	4 00 48	25 38 33	5.0	—	—	—
	3994/2	4 00 49	25 38 33	9.5	—	—	—
928	4576/1	4 01 28	- 36 17 15	4.8	-0.56	0.26	0.24
929	7918/1	4 01 32	21 48 09	4.0	0.04	0.14	0.14
930	7918/2	4 01 42	21 50 21	10.8	0.19	0.10	0.11
931	4576/2	4 02 05	- 36 13 19	14.6	0.05	0.06	0.06
932	7918/3	4 02 12	22 21 41	5.3	—	—	—
933	7918/4	4 02 21	21 52 25	12.8	-0.32	0.07	0.07
935	9528/1	4 03 14	- 13 16 10	7.5	—	—	—
	7629/1	4 03 15	- 13 16 03	7.8	0.48	0.11	0.12
936	3907/1	4 04 49	- 12 30 23	3.7	-0.22	0.24	0.23
937	7030/1	4 05 26	- 56 25 16	4.3	0.17	0.17	0.17
938	3906/1	4 05 27	- 12 19 26	14.7	0.34	0.06	0.06
	3907/2	4 05 28	- 12 19 31	12.3	0.36	0.06	0.07
939	3906/2	4 06 00	- 12 42 18	3.8	0.20	0.22	0.23
941	3352/1	4 07 10	- 71 24 22	4.9	0.71	0.22	0.24
942	5166/1	4 07 12	- 62 59 54	7.7	—	—	—
944	7030/2	4 07 23	- 55 51 01	5.2	—	—	—
945	7030/3	4 08 46	- 56 14 30	5.5	0.13	0.17	0.17
946	3352/2	4 09 35	- 71 25 24	9.0	0.20	0.10	0.10
948	3367/1	4 09 47	- 10 35 24	8.4	-0.12	0.10	0.10
950	4423/1	4 10 51	07 35 09	8.2	-0.30	0.11	0.10
951	1935/1	4 10 54	11 04 47	8.3	0.81	0.08	0.09
	1936/1	4 10 55	11 04 57	7.7	0.66	0.08	0.09
952	3815/1	4 11 27	26 09 11	4.4	—	—	—
953	8978/2	4 11 30	23 27 27	4.5	—	—	—
954	4423/2	4 12 22	07 17 29	5.1	—	—	—
955	865/1	4 12 27	- 08 02 57	12.6	0.75	0.06	0.06
956	7606/1	4 12 48	06 04 04	21.8	-0.18	0.04	0.04
957	865/2	4 12 59	- 07 45 27	20.8	-0.09	0.04	0.04
958	7046/1	4 13 45	- 62 35 39	11.2	—	—	—
	5166/2	4 13 46	- 62 35 08	18.6	—	—	—

Table D Hardness Ratios

Number		Position			Hardness Ratio		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
960	7046/2	4 14 46	- 63 15 31	4.1	0.10	0.17	0.17
961	9000/1	4 14 47	16 49 41	48.3	0.22	0.02	0.02
962	521/1	4 14 49	- 06 00 58	12.9	0.45	0.07	0.07
963	2669/1	4 15 01	37 54 14	17.9	0.82	0.03	0.03
964	9000/2	4 15 02	17 16 06	4.5	0.31	0.16	0.16
965	5726/1	4 15 08	- 55 54 43	3.6	0.43	0.23	0.24
966	3667/1	4 15 29	17 17 37	8.2	—	—	—
	9000/3	4 15 30	17 17 39	10.8	-0.15	0.08	0.08
967	9000/4	4 15 31	16 51 42	4.6	0.55	0.28	0.28
968	3663/1	4 15 37	14 50 30	6.0	—	—	—
969	3667/2	4 15 47	17 43 14	5.0	-0.27	0.18	0.18
970	3667/3	4 16 00	17 15 53	6.6	—	—	—
	9000/5	4 16 00	17 16 14	10.0	0.11	0.10	0.10
972	9000/6	4 16 15	17 24 17	5.7	0.13	0.20	0.20
	3667/4	4 16 17	17 24 47	5.0	-0.52	0.20	0.19
973	3284/1	4 16 29	21 01 48	4.9	0.12	0.19	0.20
974	3843/1	4 16 37	27 42 20	3.6	—	—	—
975	3663/2	4 16 57	15 30 38	8.3	—	—	—
	3664/1	4 16 57	15 30 35	7.4	—	—	—
976	7046/3	4 16 59	- 62 54 05	9.1	0.48	0.09	0.09
977	3666/1	4 17 02	16 24 40	5.9	—	—	—
	3664/2	4 17 03	16 24 05	4.2	—	—	—
978	7434/1	4 17 19	19 06 29	5.5	0.08	0.14	0.14
	3816/1	4 17 19	19 06 30	4.2	-0.07	0.16	0.16
979	3522/1	4 18 06	13 44 34	4.7	—	—	—
980	3194/1	4 18 12	- 06 21 45	7.0	-0.08	0.13	0.13
981	3721/1	4 18 19	- 38 44 28	5.4	—	—	—
983	7046/5	4 18 39	- 62 32 12	3.9	—	—	—
985	3665/1	4 18 45	14 17 39	5.3	-0.46	0.15	0.14
	3522/2	4 18 46	14 17 40	4.2	—	—	—
987	3843/2	4 18 52	28 11 07	19.6	—	—	—
	4507/2	4 18 52	28 11 14	22.6	0.42	0.04	0.04
988	1938/1	4 18 54	- 55 03 15	17.2	0.26	0.05	0.05
	1937/1	4 18 54	- 55 03 19	22.2	0.16	0.04	0.04
989	3721/2	4 19 00	- 38 48 48	4.3	0.12	0.29	0.29
990	7434/2	4 19 03	19 25 04	7.9	0.64	0.09	0.10
	3816/2	4 19 04	19 25 18	7.9	0.59	0.11	0.11
991	3194/2	4 19 06	- 06 35 40	5.2	—	—	—
992	1938/2	4 19 08	- 54 42 46	4.2	—	—	—
993	7434/3	4 19 13	19 08 45	4.5	—	—	—
994	7434/4	4 19 23	19 43 27	6.4	—	—	—
	3816/4	4 19 23	19 43 55	9.0	—	—	—
996	3522/3	4 19 36	14 04 51	4.2	0.79	0.14	0.15
997	9002/3	4 19 40	15 05 39	6.0	0.34	0.17	0.17
998	2015/1	4 19 43	- 01 29 36	4.3	—	—	—
999	3519/1	4 19 53	16 41 16	4.6	-0.52	0.19	0.17
1000	9002/4	4 19 54	14 56 25	16.4	-0.20	0.05	0.05
	9003/1	4 19 54	14 56 24	18.3	—	—	—
	3521/2	4 19 55	14 56 21	9.3	-0.06	0.09	0.09
1001	3668/1	4 20 01	17 26 48	4.1	-0.04	0.20	0.20
	3519/2	4 20 03	17 25 18	4.9	—	—	—
1003	3721/3	4 20 03	- 38 38 55	4.1	-0.10	0.41	0.41
1004	3519/3	4 20 15	17 18 26	3.5	0.57	0.23	0.24
1005	8422/1	4 20 19	- 13 28 17	3.9	0.23	0.37	0.37
1006	3721/4	4 20 23	- 39 00 12	6.6	-0.18	0.24	0.24
1007	3721/5	4 20 30	- 38 51 41	13.7	0.44	0.07	0.08
1008	7046/7	4 20 33	- 62 47 05	5.3	—	—	—
1009	9003/2	4 20 34	14 18 54	4.8	—	—	—
1012	9003/3	4 20 44	14 33 23	4.6	-0.31	0.30	0.30
1013	2016/1	4 20 43	- 01 27 21	5.1	0.58	0.17	0.18
	2015/2	4 20 44	- 01 27 19	12.5	0.54	0.07	0.07
1014	3517/1	4 20 47	15 50 35	6.7	0.21	0.18	0.18
1015	3517/2	4 20 50	15 31 17	5.7	-0.05	0.14	0.14
	3510/2	4 20 51	15 31 27	5.3	0.22	0.16	0.17
	9002/6	4 20 55	15 29 51	4.0	—	—	—
1016	3721/7	4 20 53	- 39 03 59	9.2	0.10	0.11	0.11
1017	9002/7	4 20 59	14 48 12	8.9	-0.14	0.13	0.13
	9003/4	4 21 01	14 48 05	12.2	-0.14	0.07	0.07
1018	3721/8	4 21 18	- 39 16 13	4.3	-0.06	0.16	0.16
1019	9002/8	4 21 20	14 58 24	8.7	—	—	—

Number		Position			Hardness Ratio		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
1020	9002/9	4 21 22	14 38 57	6.4	—	—	—
	9003/5	4 21 22	14 38 38	25.5	-0.16	0.03	0.03
	3518/1	4 21 23	14 38 46	9.0	—	—	—
	3523/1	4 21 23	14 38 23	11.1	—	—	—
1021	10412/1	4 21 35	16 46 04	3.6	—	—	—
	3516/1	4 21 36	16 46 54	4.1	0.14	0.21	0.21
	9001/1	4 21 40	16 46 52	4.1	—	—	—
1022	9004/1	4 21 59	15 45 33	5.6	—	—	—
	4476/1	4 21 59	15 45 29	3.6	—	—	—
1023	1990/1	4 22 11	00 29 10	6.4	0.77	0.14	0.15
1024	3516/2	4 22 20	17 09 06	4.2	0.07	0.21	0.21
	3528/1	4 22 20	17 09 10	5.8	—	—	—
1025	3721/9	4 22 22	- 38 38 26	4.6	—	—	—
1026	3528/2	4 22 37	17 48 13	4.5	—	—	—
1027	9004/2	4 22 47	15 49 46	10.9	—	—	—
	4476/2	4 22 48	15 49 39	7.0	-0.31	0.11	0.10
1029	3528/3	4 22 55	17 54 06	4.2	—	—	—
1030	9004/3	4 23 00	15 24 57	6.0	-0.06	0.15	0.15
1032	9004/4	4 23 16	15 24 52	16.6	0.01	0.06	0.06
	3518/2	4 23 16	15 24 31	6.2	—	—	—
1033	9001/3	4 23 16	16 48 17	8.1	0.56	0.12	0.12
1034	9004/5	4 23 30	15 30 24	40.8	-0.04	0.02	0.02
	4476/3	4 23 31	15 30 32	11.7	—	—	—
	3518/3	4 23 32	15 30 28	17.5	—	—	—
1035	3516/3	4 23 30	16 44 33	7.0	-0.02	0.14	0.14
	10412/2	4 23 34	16 43 43	6.0	-0.07	0.15	0.14
	9001/4	4 23 34	16 44 29	12.8	-0.12	0.06	0.06
1037	10412/3	4 23 47	16 37 46	5.0	-0.33	0.17	0.17
	3516/4	4 23 47	16 38 03	8.6	0.05	0.11	0.11
	9001/6	4 23 48	16 38 10	10.4	-0.33	0.09	0.09
1038	4029/1	4 23 51	- 12 47 39	4.0	-0.05	0.22	0.21
1039	10573/1	4 23 58	25 35 43	3.5	—	—	—
1040	9001/7	4 24 00	16 54 51	3.5	—	—	—
1042	9005/1	4 24 12	15 18 29	6.3	—	—	—
1043	3528/4	4 24 18	17 44 21	10.8	—	—	—
1044	9001/9	4 24 40	16 46 02	4.1	-0.48	0.17	0.17
1045	9004/6	4 24 42	15 54 26	3.9	—	—	—
1046	9004/7	4 24 43	15 28 43	8.3	-0.12	0.11	0.11
1049	10573/2	4 25 12	25 48 56	4.5	—	—	—
	10572/2	4 25 12	25 49 02	5.7	—	—	—
	3818/1	4 25 14	25 49 14	3.6	0.38	0.19	0.20
1050	3524/1	4 25 34	14 37 50	4.0	0.11	0.23	0.23
1051	3527/1	4 25 34	17 35 28	4.5	—	—	—
1052	3512/1	4 25 42	15 51 24	12.9	-0.07	0.07	0.07
	9005/2	4 25 43	15 51 17	27.4	-0.18	0.03	0.03
	3513/1	4 25 44	15 51 22	12.3	—	—	—
1053	9005/3	4 25 48	15 46 16	3.8	-0.40	0.20	0.20
1054	3527/2	4 25 55	17 10 08	4.9	-0.57	0.19	0.19
1055	3512/2	4 25 57	16 11 04	6.3	-0.19	0.15	0.15
	9001/10	4 25 59	16 12 23	5.1	—	—	—
	9006/1	4 26 00	16 10 51	12.4	—	—	—
	9005/4	4 26 00	16 10 31	11.9	—	—	—
1056	414/1	4 26 07	64 44 27	6.8	0.38	0.12	0.12
1057	3512/4	4 26 07	16 14 27	4.0	0.12	0.23	0.23
1058	3512/3	4 26 07	16 03 02	5.1	-0.34	0.19	0.18
	9006/2	4 26 08	16 02 59	10.4	—	—	—
	9005/5	4 26 08	16 02 55	12.0	-0.23	0.08	0.08
1059	3527/3	4 26 27	17 26 01	6.8	—	—	—
1060	7247/1	4 26 38	17 45 46	6.4	—	—	—
1061	3818/2	4 26 38	26 26 26	6.0	0.41	0.16	0.16
1064	7247/3	4 27 11	18 07 19	16.1	0.41	0.06	0.06
1065	9006/4	4 27 16	15 32 21	5.3	-0.23	0.09	0.09
1067	9006/6	4 27 56	16 02 32	20.5	-0.12	0.05	0.05
	3511/1	4 27 56	16 02 31	8.2	-0.26	0.11	0.11
1068	9006/7	4 28 19	16 17 02	3.5	—	—	—
1069	7247/4	4 28 30	18 09 30	17.2	0.19	0.06	0.06
1070	10075/1	4 28 33	20 29 08	3.7	0.00	0.22	0.23
1071	3526/1	4 28 36	16 59 33	3.8	—	—	—
1072	867/1	4 28 43	17 36 10	3.8	-0.30	0.21	0.20
	7247/5	4 28 43	17 36 22	6.0	-0.08	0.15	0.15

Table D Hardness Ratios

Number		Position		Hardness Ratio			
CAT	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
1073	7247/6	4 28 45	18 07 27	10.1	0.18	0.09	0.10
1074	7247/7	4 29 04	18 15 04	5.7	-0.17	0.26	0.26
1075	414/2	4 29 12	64 31 52	10.0	—	—	—
1076	7247/8	4 29 14	17 50 57	9.6	0.13	0.12	0.12
1077	6667/1	4 29 15	-05 11 56	4.3	0.29	0.20	0.21
1078	7247/9	4 29 19	18 14 05	15.0	—	—	—
1079	7247/10	4 29 20	17 55 15	14.5	0.36	0.07	0.07
	3819/1	4 29 21	17 55 00	6.6	—	—	—
	867/2	4 29 22	17 55 12	6.3	—	—	—
1081	7247/11	4 29 30	17 38 36	5.0	-0.33	0.26	0.26
1083	9006/8	4 29 59	15 54 23	4.6	-0.41	0.16	0.15
1084	10069/1	4 30 05	24 03 16	5.5	—	—	—
1085	10069/2	4 30 08	24 27 32	9.6	—	—	—
1086	10069/3	4 30 21	23 53 34	7.5	—	—	—
1088	10069/4	4 30 33	24 14 45	13.1	—	—	—
1089	7247/12	4 30 38	17 54 44	15.9	—	—	—
	3819/4	4 30 38	17 55 00	14.6	0.29	0.06	0.06
	867/3	4 30 41	17 55 00	10.0	—	—	—
1094	4515/1	4 31 37	24 54 42	9.5	—	—	—
1095	3819/5	4 31 43	17 56 40	7.4	0.66	0.12	0.13
1096	3515/1	4 31 45	15 24 28	4.9	0.05	0.21	0.21
1097	3515/2	4 31 49	15 06 04	5.1	—	—	—
	3662/1	4 31 51	15 06 48	5.8	—	—	—
1098	4516/2	4 31 53	24 22 37	5.4	0.72	0.15	0.17
1099	10069/6	4 32 10	24 41 00	6.1	—	—	—
1100	10069/7	4 32 24	24 09 12	9.3	0.07	0.10	0.10
1102	4893/1	4 32 52	10 03 46	7.4	-0.11	0.11	0.11
	10135/1	4 32 55	10 03 49	6.7	-0.16	0.11	0.11
1104	4893/2	4 33 56	09 57 07	6.3	—	—	—
	10135/2	4 33 56	09 56 59	5.6	0.69	0.10	0.11
1105	2640/1	4 34 01	-10 28 30	14.9	0.31	0.06	0.06
1107	4942/1	4 35 57	52 58 53	11.7	0.13	0.07	0.07
1108	4942/2	4 36 00	53 22 49	5.2	—	—	—
1109	4011/1	4 36 24	-43 21 50	5.0	—	—	—
1111	4930/1	4 36 44	40 41 42	4.3	—	—	—
1113	3557/1	4 37 44	-16 20 14	5.1	—	—	—
1114	3563/1	4 37 53	-15 54 02	3.6	-0.52	0.32	0.32
1115	3557/2	4 37 50	-16 12 24	3.5	—	—	—
	3558/2	4 37 54	-16 11 38	3.6	0.44	0.10	0.11
1116	4011/2	4 37 56	-43 05 16	4.9	—	—	—
1117	3558/3	4 37 59	-16 23 58	4.0	-0.32	0.34	0.34
1118	4011/3	4 38 01	-43 35 18	3.8	0.05	0.62	0.60
1120	3557/3	4 38 14	-16 36 09	4.1	0.41	0.14	0.14
1122	3557/4	4 38 27	-16 35 18	8.5	0.35	0.14	0.14
1123	4522/1	4 38 35	02 12 56	6.2	0.50	0.15	0.16
1125	3557/5	4 38 39	-16 40 51	6.3	-0.52	0.22	0.22
1127	4011/4	4 38 42	-43 38 55	10.8	0.35	0.10	0.10
1129	4522/2	4 39 02	01 57 49	6.2	0.43	0.14	0.15
1130	3564/1	4 39 07	-15 56 48	4.9	-0.30	0.26	0.26
1131	3558/8	4 39 16	-16 22 07	4.1	—	—	—
1132	3747/3	4 39 23	-11 02 29	3.7	0.47	0.15	0.15
1133	5727/1	4 39 23	08 16 52	4.2	0.16	0.14	0.14
1134	2018/1	4 39 35	-00 29 29	3.8	-0.18	0.24	0.24
1135	4011/5	4 39 43	-43 19 04	12.0	0.04	0.08	0.08
1136	5727/2	4 39 48	09 00 35	4.2	—	—	—
1137	2018/2	4 39 56	-00 24 09	5.5	0.45	0.19	0.20
	2017/1	4 39 57	-00 23 45	6.6	0.32	0.13	0.14
1138	3747/4	4 40 02	-10 57 58	4.8	—	—	—
	3195/1	4 40 03	-10 58 17	4.5	—	—	—
1139	4522/3	4 40 32	02 04 36	7.8	—	—	—
	4524/1	4 40 34	02 05 01	4.1	0.37	0.13	0.13
1141	328/1	4 40 54	-09 42 48	4.6	—	—	—
1142	3195/2	4 41 25	-10 46 26	17.9	0.47	0.04	0.04
1143	8360/1	4 41 39	-02 27 50	3.6	0.47	0.23	0.24
1144	328/2	4 43 51	-10 07 01	5.3	-0.33	0.21	0.21
1145	328/3	4 43 55	-09 51 44	4.6	—	—	—
1146	328/4	4 44 07	-10 10 54	4.6	—	—	—
1147	1890/1	4 44 10	-21 06 06	4.0	0.55	0.12	0.12
1148	328/5	4 44 55	-10 00 12	4.1	—	—	—
1149	427/1	4 44 57	-59 20 00	6.9	0.31	0.12	0.12

Number		Position		Hardness Ratio			
CAT	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
1150	1890/2	4 44 57	-20 34 01	5.7	0.23	0.15	0.15
1151	1890/3	4 45 20	-20 26 23	10.6	0.46	0.10	0.10
1153	1890/5	4 45 59	-20 31 50	10.5	0.57	0.20	0.20
1154	1890/6	4 46 04	-20 36 46	8.9	0.37	0.10	0.10
1155	1890/7	4 46 19	-20 37 58	6.5	—	—	—
1156	1890/8	4 46 24	-20 30 42	6.7	—	—	—
1157	1890/9	4 46 50	-20 49 52	6.1	—	—	—
1158	3748/1	4 47 07	-09 17 06	4.8	-0.15	0.20	0.20
1159	1890/10	4 47 10	-20 08 47	4.6	—	—	—
1160	3748/2	4 47 14	-08 48 15	3.7	—	—	—
1161	427/2	4 47 36	-59 36 46	4.0	-0.12	0.21	0.21
1162	7630/1	4 48 26	10 58 58	6.1	—	—	—
1163	3924/1	4 48 59	51 59 46	5.2	0.70	0.11	0.12
1164	5099/1	4 49 02	66 15 42	4.9	0.51	0.20	0.21
	5097/1	4 49 03	66 15 35	5.9	-0.16	0.16	0.15
	3127/1	4 49 05	66 15 42	6.5	0.41	0.17	0.17
1166	785/1	4 49 25	-18 24 00	5.8	-0.10	0.16	0.16
1167	785/2	4 50 23	-18 16 31	4.6	—	—	—
1168	7456/1	4 50 39	-56 02 11	6.5	0.07	0.13	0.13
1169	5025/1	4 51 32	02 50 17	5.9	—	—	—
	6841/1	4 51 35	02 50 42	13.2	0.55	0.07	0.08
1170	6715/1	4 51 40	-03 05 56	5.6	0.31	0.17	0.17
1171	4525/1	4 51 45	-10 17 48	4.8	0.43	0.13	0.14
1172	3810/1	4 51 59	30 17 29	7.1	0.59	0.14	0.14
1173	6841/2	4 52 12	02 25 44	4.2	0.31	0.20	0.20
	5025/2	4 52 13	02 25 47	3.6	-0.37	0.24	0.24
1176	7456/2	4 52 26	-56 01 24	4.0	—	—	—
1177	7456/3	4 52 32	-55 56 18	48.4	-0.15	0.02	0.02
1179	7110/1	4 52 44	-70 24 36	5.9	—	—	—
1180	3810/4	4 52 47	30 29 23	19.8	0.68	0.04	0.04
1181	3810/5	4 52 51	30 16 35	11.8	—	—	—
1182	5025/3	4 53 15	02 34 23	4.0	0.13	0.20	0.20
	6841/3	4 53 18	02 34 24	4.6	—	—	—
1183	2248/1	4 53 41	33 11 55	3.8	0.28	0.23	0.24
1184	5859/1	4 53 50	-68 34 17	23.1	0.06	0.04	0.04
1185	5699/1	4 54 01	-22 03 45	6.4	0.39	0.12	0.13
1187	2150/2	4 54 48	46 19 58	5.9	0.64	0.14	0.15
1189	5859/2	4 55 51	-68 44 25	6.3	0.20	0.13	0.13
1190	456/1	4 56 45	66 13 25	3.8	—	—	—
1191	7359/1	4 56 59	01 42 44	10.7	-0.09	0.08	0.08
	7360/1	4 57 00	01 42 42	17.6	-0.13	0.05	0.05
	7361/1	4 57 00	01 42 36	17.7	-0.06	0.05	0.05
1192	3145/1	4 57 32	03 12 29	4.1	0.12	0.17	0.17
1193	8994/1	4 57 34	-23 07 14	4.7	—	—	—
1194	7360/2	4 57 55	01 41 51	6.0	0.41	0.16	0.17
	7361/2	4 57 57	01 42 05	5.8	0.34	0.17	0.17
	7359/2	4 57 58	01 41 39	4.6	—	—	—
1195	5470/1	4 57 56	-05 56 25	5.5	0.21	0.17	0.17
1196	8994/2	4 58 08	-22 54 51	5.5	—	—	—
1197	456/2	4 58 08	65 30 06	17.3	0.57	0.04	0.04
1198	5859/3	4 58 21	-68 30 16	4.7	—	—	—
1199	8994/3	4 58 21	-23 05 20	4.2	—	—	—
1201	6735/1	4 58 31	14 02 30	7.1	0.42	0.13	0.13
1204	4229/1	4 58 59	60 22 09	6.8	0.15	0.12	0.13
1205	5859/5	4 59 01	-68 55 10	10.0	—	—	—
1206	2684/1	4 59 26	24 41 47	6.0	—	—	—
1207	8994/4	4 59 29	-22 40 51	3.5	-0.04	0.16	0.16
1208	3145/2	4 59 32	03 27 43	25.6	0.53	0.03	0.03
1209	8994/5	4 59 39	-22 37 56	5.4	0.32	0.15	0.15
1210	8994/6	4 59 40	-22 57 19	11.6	—	—	—
1211	8994/7	5 00 02	-22 10 01	5.8	—	—	—
1212	8994/8	5 01 02	-22 37 11	4.9	0.17	0.28	0.28
1213	3196/1	5 01 51	58 57 25	15.5	0.23	0.05	0.05
1214	5837/1	5 01 52	-70 38 00	4.8	0.57	0.20	0.21
1216	10225/2	5 02 52	-12 04 31	9.6	-0.17	0.09	0.09
1217	5471/1	5 04 20	-04 43 54	3.8	—	—	—
1218	10225/3	5 04 20	-12 07 27	14.3	—	—	—
1219	7512/1	5 04 47	10 06 49	4.6	—	—	—
1220	5471/2	5 05 01	-05 28 00	25.9	—	—	—
1221	5471/3	5 05 24	-05 08 59	15.4	-0.05	0.05	0.05

Table D Hardness Ratios

Number		Position			Hardness Ratio			
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-	
1222	2410/1	5 05 50	- 67 56 40	12.6	0.02	0.07	0.07	
1223	2410/2	5 06 04	- 68 05 37	10.7	0.03	0.08	0.08	
	2411/1	5 06 12	- 68 05 42	9.9	—	—	—	
1224	7620/1	5 06 11	77 25 07	9.2	0.77	0.09	0.09	
1225	7673/1	5 06 17	- 51 08 32	5.4	-0.04	0.15	0.14	
1226	7512/2	5 06 42	10 08 09	4.6	0.71	0.23	0.25	
1227	6302/1	5 07 03	- 67 04 09	4.4	—	—	—	
1228	7126/1	5 07 52	16 26 10	13.6	—	—	—	
1229	7705/1	5 08 41	- 44 58 37	3.6	-0.04	0.21	0.20	
1230	7705/2	5 08 49	- 45 23 02	7.1	0.32	0.10	0.10	
1231	7126/2	5 09 01	16 40 49	7.2	-0.01	0.14	0.14	
1232	2435/1	5 09 17	- 68 46 46	14.3	0.24	0.06	0.06	
1233	7677/1	5 09 27	- 16 07 21	4.5	0.10	0.18	0.18	
1234	2435/2	5 09 32	- 69 11 34	4.3	0.65	0.23	0.24	
1235	6302/2	5 09 35	- 67 34 05	31.7	—	—	—	
	2474/1	5 09 36	- 67 34 37	17.5	—	—	—	
1236	7677/2	5 10 42	- 16 15 41	7.0	-0.07	0.13	0.13	
1238	5473/1	5 12 08	- 08 14 55	7.1	0.34	0.12	0.13	
1241	5838/1	5 13 40	- 70 30 53	6.1	-0.31	0.14	0.14	
1244	4435/1	5 15 10	- 06 53 42	9.6	0.17	0.10	0.10	
1245	4435/2	5 15 29	- 07 10 54	11.0	0.18	0.08	0.08	
1246	6302/3	5 15 58	- 67 19 31	3.8	—	—	—	
1247	5884/1	5 16 15	- 68 18 48	8.7	0.01	0.10	0.10	
	2411/2	5 16 20	- 68 18 40	5.1	—	—	—	
1248	2670/1	5 16 39	- 46 09 12	4.9	-0.00	0.16	0.16	
1250	5838/2	5 17 53	- 70 47 30	3.8	—	—	—	
	2463/1	5 17 57	- 70 47 17	4.0	0.45	0.32	0.33	
1251	489/1	5 18 18	16 35 39	4.2	0.75	0.21	0.23	
1252	2670/2	5 18 24	- 45 49 29	21.4	0.41	0.04	0.04	
1253	5884/2	5 18 44	- 68 16 51	5.6	—	—	—	
1254	2670/3	5 19 23	- 45 44 09	4.7	-0.14	0.20	0.20	
1256	5843/1	5 19 43	- 71 07 11	6.9	-0.09	0.14	0.14	
1257	2436/1	5 19 50	- 69 05 15	19.7	0.08	0.05	0.05	
	2425/1	5 19 53	- 69 04 47	22.1	—	—	—	
	5884/3	5 19 59	- 69 05 11	18.8	—	—	—	
1258	5843/2	5 20 02	- 71 41 50	4.2	-0.12	0.27	0.27	
1260	2394/1	5 20 10	- 66 07 17	5.4	-0.28	0.14	0.14	
1261	5843/3	5 20 18	- 71 40 00	4.2	0.42	0.33	0.37	
1262	5843/4	5 21 07	- 71 40 00	4.3	0.79	0.12	0.13	
1264	5849/1	5 21 39	- 71 59 47	22.6	—	—	—	
1265	5475/1	5 21 17	- 02 10 51	4.8	—	—	—	
1266	4348/1	5 21 31	17 20 16	16.6	-0.22	0.05	0.05	
1267	5984/1	5 21 46	79 18 52	4.5	—	—	—	
1268	5475/2	5 21 58	- 02 26 56	6.1	-0.28	0.14	0.13	
1269	2405/1	5 22 20	- 67 57 28	3.9	-0.11	0.44	0.41	
1272	5884/4	5 22 35	- 68 00 13	4.9	0.04	0.11	0.11	
1274	5475/3	5 23 40	- 02 24 42	3.5	—	—	—	
1276	2468/1	5 24 41	- 71 12 09	3.8	-0.09	0.20	0.19	
1277	2394/2	5 25 22	- 66 02 00	14.3	—	—	—	
1279	2394/3	5 26 02	- 66 07 14	17.3	—	—	—	
1280	4416/1	5 26 05	- 20 47 31	6.5	-0.25	0.13	0.13	
1281	3817/1	5 26 22	11 49 57	8.2	0.57	0.12	0.13	
1284	4498/1	5 26 48	- 33 01 27	4.7	0.28	0.21	0.21	
1286	4498/2	5 27 36	- 32 51 21	21.3	0.71	0.03	0.03	
	4497/1	5 27 36	- 32 51 22	17.6	0.60	0.04	0.04	
1287	4498/3	5 27 53	- 32 41 44	4.3	-0.54	0.28	0.27	
1289	7167/1	5 28 07	13 29 26	4.6	0.46	0.17	0.18	
1293	5101/1	5 29 27	- 00 20 05	22.4	-0.26	0.04	0.04	
	10414/2	5 29 28	- 00 20 05	28.3	-0.14	0.03	0.03	
	5102/1	5 29 28	- 00 19 55	21.1	-0.23	0.04	0.04	
	2219/1	5 29 28	- 00 20 09	18.9	-0.23	0.04	0.04	
1296	2427/1	5 29 50	- 68 54 09	4.3	-0.07	0.20	0.20	
1297	310/1	5 30 04	- 11 34 28	16.6	0.67	0.03	0.03	
1299	10414/3	5 30 10	- 00 29 26	3.6	—	—	—	
1300	2219/2	5 30 17	- 00 36 24	3.6	0.25	0.28	0.29	
1302	310/2	5 30 39	- 11 40 33	6.4	—	—	—	
1303	2403/1	5 30 43	- 66 56 20	6.5	0.61	0.13	0.14	
1305	7471/1	5 31 09	01 54 52	17.8	-0.02	0.05	0.05	
1308	8725/1	5 31 28	- 06 46 49	4.1	0.28	0.15	0.16	
1314	310/3	5 31 47	- 11 33 50	3.9	—	—	—	

Number		Position			Hardness Ratio			
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-	
1315	9060/2	5 31 49	10 05 16	14.7	0.12	0.06	0.06	
1316	8725/2	5 31 50	- 06 38 13	8.4	—	—	—	
1318	9256/1	5 31 53	- 04 30 21	5.0	0.37	0.13	0.13	
1319	5047/1	5 31 54	- 01 34 44	3.7	—	—	—	
1320	9256/2	5 31 54	- 04 35 57	3.6	—	—	—	
1324	9256/3	5 32 02	- 03 55 36	5.1	—	—	—	
1327	9060/3	5 32 05	09 28 09	4.4	-0.02	0.21	0.21	
1328	8725/3	5 32 11	- 06 55 37	4.8	0.27	0.17	0.17	
1330	2569/1	5 32 14	- 05 29 28	4.6	—	—	—	
1332	7241/2	5 32 12	- 06 37 26	4.2	—	—	—	
1334	9256/4	5 32 18	- 04 25 12	5.6	-0.03	0.16	0.16	
1336	7241/3	5 32 20	- 06 23 17	6.2	—	—	—	
1339	9256/5	5 32 23	- 04 50 03	6.0	0.49	0.12	0.12	
1340	5047/2	5 32 23	- 00 59 24	6.7	—	—	—	
1341	9060/4	5 32 23	09 54 12	15.3	0.05	0.05	0.05	
1343	5047/4	5 32 26	- 01 14 33	4.3	0.34	0.21	0.21	
1344	6300/1	5 32 27	- 71 01 18	8.9	-0.05	0.08	0.08	
1347	8725/5	5 32 33	- 06 20 32	6.6	0.29	0.14	0.14	
	7241/4	5 32 34	- 06 20 45	4.9	—	—	—	
1348	9060/5	5 32 33	09 45 49	8.0	0.32	0.15	0.16	
1349	9256/6	5 32 34	- 04 14 02	5.6	0.08	0.18	0.19	
1351	2406/1	5 32 38	- 67 33 56	3.7	—	—	—	
1352	7241/5	5 32 37	- 06 32 22	6.5	—	—	—	
1353	8725/6	5 32 38	- 06 02 31	8.0	—	—	—	
1353	2569/2	5 32 38	- 06 02 48	10.5	—	—	—	
1356	5047/5	5 32 43	- 00 45 53	6.1	—	—	—	
1357	5047/6	5 32 43	- 01 01 33	7.7	0.28	0.13	0.13	
1360	9256/7	5 32 47	- 04 53 38	7.4	—	—	—	
1361	2569/3	5 32 47	- 05 41 15	6.8	0.46	0.12	0.14	
1363	9025/1	5 32 49	- 62 24 32	4.4	0.17	0.19	0.19	
1365	9256/9	5 32 49	- 04 42 01	5.3	—	—	—	
1366	2569/4	5 32 49	- 05 26 17	28.3	—	—	—	
1369	2569/5	5 32 50	- 05 44 46	5.3	-0.03	0.32	0.32	
1372	9256/10	5 32 55	- 04 27 01	4.4	0.35	0.17	0.18	
1373	7241/6	5 32 56	- 06 56 53	4.2	0.12	0.23	0.23	
1374	9256/11	5 32 58	- 04 51 26	5.7	0.49	0.15	0.16	
1375	8725/8	5 32 58	- 06 00 35	4.0	—	—	—	
1377	2569/6	5 32 59	- 05 56 43	31.7	-0.42	0.03	0.02	
1378	2569/7	5 33 00	- 05 51 00	7.5	—	—	—	
1382	9256/12	5 33 04	- 04 22 53	6.0	0.20	0.17	0.17	
1386	9256/13	5 33 13	- 04 26 54	6.9	0.32	0.09	0.10	
1387	9256/14	5 33 14	- 04 50 03	5.4	0.36	0.15	0.16	
1388	2569/9	5 33 14	- 05 30 31	6.3	—	—	—	
1390	7241/7	5 33 16	- 07 03 42	7.1	—	—	—	
1391	2569/10	5 33 16	- 05 38 18	4.5	—	—	—	
1392	7241/8	5 33 17	- 06 45 56	5.5	-0.57	0.30	0.30	
1394	9256/15	5 33 18	- 04 20 03	5.2	0.44	0.12	0.12	
1398	5047/7	5 33 23	- 01 15 21	7.8	0.38	0.18	0.18	
1406	8725/9	5 33 32	- 06 39 45	10.3	0.54	0.09	0.09	
1408	7241/10	5 33 33	- 06 18 02	8.3	—	—	—	
	8725/10	5 33 34	- 06 18 18	8.5	0.15	0.12	0.12	
1409	7241/11	5 33 35	- 06 51 57	7.4	0.22	0.12	0.12	
	7243/1	5 33 40	- 06 52 07	5.3	—	—	—	
1410	2569/12	5 33 41	- 05 43 44	6.9	0.43	0.15	0.15	
1411	3128/1	5 33 41	- 01 13 43	19.0	-0.16	0.04	0.04	
	5047/8	5 33 41	- 01 13 47	45.2	-0.13	0.02	0.02	
1413	7241/12	5 33 43	- 06 21 11	5.1	0.01	0.15	0.15	
1414	8725/11	5 33 45	- 06 24 33	5.2	0.33	0.11	0.12	
1418	7241/14	5 33 54	- 06 33 39	3.8	0.14	0.27	0.27	
	8725/13	5 33 55	- 06 32 47	5.8	0.49	0.14	0.15	
1420	7241/15	5 33 59	- 06 44 47	10.2	0.53	0.17	0.18	
	5031/1	5 34 00	- 06 44 24	5.5	—	—	—	
	8725/16	5 34 00	- 06 44 31	9.9	0.80	0.07	0.08	
1421	7241/16	5 33 59	- 06 28 42	6.0	—	—	—	
1422	8725/14	5 33 58	- 06 19 15	5.8	0.18	0.37	0.37	
	7241/17	5 34 00	- 06 19 19	6.3	-0.18	0.13	0.13	
1425	7127/1	5 34 03	- 58 03 28	17.7	-0.06	0.05	0.05	
1429	5047/10	5 34 11	- 01 38 32	3.8	-0.25	0.15	0.15	
1430	8725/17	5 34 18	- 06 05 41	4.9	—	—	—	
1431	6300/3	5 34 20	- 70 29 11	4.6	0.29	0.26	0.26	

Table D Hardness Ratios

Number		Position		Hardness Ratio			
CAT	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
	4560/1	5 34 24	- 70 29 17	4.3	0.48	0.26	0.26
1434	7391/1	5 34 28	- 03 03 26	3.5	—	—	—
1438	5047/12	5 34 37	- 01 10 35	6.7	—	—	—
1441	2569/14	5 34 43	- 06 07 35	7.0	—	—	—
	8725/18	5 34 44	- 06 07 45	6.8	—	—	—
1442	7241/18	5 34 44	- 06 37 18	4.2	0.31	0.17	0.17
1447	4560/2	5 34 55	- 70 35 37	9.4	0.12	0.10	0.10
	6300/4	5 34 56	- 70 35 38	9.2	0.07	0.11	0.11
	2466/1	5 34 59	- 70 35 20	3.8	-0.26	0.39	0.37
1449	5047/14	5 35 01	- 00 55 20	7.4	0.21	0.12	0.12
1450	7243/2	5 35 07	- 07 06 27	5.4	0.40	0.19	0.20
1452	7241/19	5 35 19	- 06 41 36	4.1	—	—	—
1454	7391/3	5 35 23	- 02 35 23	5.3	—	—	—
1455	7391/4	5 35 26	- 02 41 07	8.8	0.47	0.10	0.10
1456	7391/5	5 35 27	- 02 46 59	11.2	0.53	0.07	0.08
1457	7241/20	5 35 29	- 06 58 44	5.7	—	—	—
	7243/3	5 35 30	- 06 58 59	5.5	0.16	0.14	0.15
1458	5047/15	5 35 37	- 01 12 12	4.1	—	—	—
1460	7243/4	5 35 40	- 06 55 07	3.5	—	—	—
1462	3720/1	5 35 44	- 28 39 20	11.7	-0.12	0.10	0.10
1463	3720/2	5 35 48	- 28 43 00	21.0	-0.03	0.05	0.05
1464	7391/7	5 35 53	- 02 11 55	6.4	0.37	0.12	0.13
1465	5031/2	5 35 55	- 06 39 29	4.1	0.02	0.23	0.22
1466	3720/3	5 36 03	- 28 56 00	3.8	—	—	—
1467	7243/5	5 36 05	- 06 42 03	4.8	—	—	—
1468	7391/8	5 36 06	- 02 32 27	7.5	0.35	0.14	0.14
1469	2407/2	5 36 13	- 67 36 29	5.9	0.60	0.12	0.13
1470	7391/9	5 36 13	- 02 37 33	20.7	-0.02	0.16	0.16
1471	3720/4	5 36 22	- 28 49 30	8.5	0.01	0.12	0.12
1474	3720/5	5 36 30	- 28 18 19	8.2	-0.22	0.13	0.13
1476	3720/6	5 36 37	- 28 51 14	7.1	—	—	—
1477	9460/1	5 36 39	- 69 21 18	4.2	0.11	0.18	0.18
1478	2466/2	5 36 42	- 70 40 36	4.0	0.23	0.53	0.53
	4560/4	5 36 42	- 70 40 05	8.0	0.23	0.18	0.18
	6300/5	5 36 43	- 70 40 35	8.9	0.25	0.20	0.20
1480	7243/8	5 36 52	- 07 01 32	5.8	0.43	0.25	0.25
1481	7243/9	5 36 53	- 06 56 38	4.5	—	—	—
1484	7391/12	5 37 06	- 02 43 57	7.3	0.22	0.17	0.18
1485	3720/7	5 37 09	- 28 34 37	5.9	0.11	0.12	0.12
1487	7391/14	5 37 15	- 02 33 49	6.1	—	—	—
1488	547/1	5 37 21	- 44 06 20	4.3	0.69	0.22	0.26
	7499/1	5 37 22	- 44 06 36	10.2	0.24	0.10	0.10
	7501/1	5 37 22	- 44 06 40	10.1	0.38	0.09	0.09
1489	2466/3	5 37 22	- 70 08 04	3.7	—	—	—
1490	3720/8	5 37 25	- 28 43 43	7.2	0.06	0.12	0.12
1491	3108/1	5 37 27	- 12 37 32	7.5	-0.06	0.12	0.12
1492	7391/15	5 37 30	- 02 24 06	3.7	—	—	—
1493	3720/9	5 37 31	- 28 50 07	3.7	0.11	0.17	0.17
1495	7243/10	5 37 46	- 07 10 16	4.0	—	—	—
1496	3720/11	5 37 56	- 28 41 16	21.2	0.42	0.04	0.04
1497	3720/12	5 38 00	- 28 51 06	3.8	—	—	—
1500	2221/1	5 38 14	- 01 57 55	23.1	-0.12	0.04	0.04
1501	2221/2	5 38 15	- 02 12 58	7.6	0.28	0.12	0.12
1503	4921/1	5 38 33	- 09 49 16	3.8	—	—	—
1506	483/1	5 38 45	- 49 49 54	9.7	0.57	0.10	0.11
1507	10102/1	5 38 49	- 03 45 11	23.3	0.26	0.04	0.04
1508	483/2	5 38 49	- 50 14 06	5.6	0.62	0.23	0.23
1511	2221/3	5 39 01	- 01 49 50	4.1	0.46	0.17	0.20
1512	10102/2	5 39 03	- 03 29 01	4.1	-0.29	0.27	0.27
1514	2221/4	5 39 08	- 01 54 56	5.4	0.81	0.07	0.08
1516	2429/3	5 39 14	- 69 03 21	4.2	-0.17	0.48	0.49
1517	3108/2	5 39 17	- 12 28 34	4.0	-0.61	0.21	0.20
1520	9460/3	5 39 59	- 68 52 49	3.6	—	—	—
1521	483/3	5 40 04	- 49 35 54	8.7	0.54	0.10	0.10
1523	8417/1	5 40 16	- 09 08 57	8.0	—	—	—
1527	8417/2	5 40 39	- 09 04 45	5.4	-0.13	0.27	0.27
1528	8417/3	5 40 43	- 09 35 59	5.0	-0.27	0.13	0.13
1529	8417/4	5 40 50	- 09 15 42	6.4	0.38	0.16	0.16
1530	8417/5	5 40 51	- 09 07 44	3.9	-0.36	0.26	0.26
1531	483/4	5 41 07	- 49 56 11	3.6	—	—	—

Number		Position		Hardness Ratio			
CAT	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
1533	2467/1	5 41 12	- 70 06 05	4.3	—	—	—
1535	8417/6	5 41 37	- 09 11 11	6.0	0.13	0.12	0.12
1537	7109/2	5 42 17	- 68 15 28	3.8	—	—	—
1542	8726/4	5 43 23	- 00 05 52	5.6	0.42	0.16	0.17
1544	8726/6	5 43 31	- 00 09 37	11.9	—	—	—
1545	8726/7	5 43 36	- 00 12 50	9.0	0.26	0.10	0.10
1549	8417/7	5 43 48	- 08 54 24	5.1	—	—	—
1550	2418/1	5 43 45	- 68 22 41	4.4	—	—	—
	7109/4	5 43 46	- 68 23 07	20.4	—	—	—
	2430/1	5 43 48	- 68 23 23	7.3	-0.76	0.08	0.07
	2417/1	5 43 51	- 68 23 03	6.0	-0.90	0.09	0.08
1551	8726/10	5 44 02	- 00 07 40	9.9	0.34	0.09	0.09
1553	2222/1	5 44 09	- 32 19 40	5.8	-0.37	0.14	0.14
1554	8726/11	5 44 11	- 00 04 22	13.7	0.76	0.07	0.07
1555	8726/12	5 44 19	- 00 18 17	13.7	0.51	0.06	0.06
1556	8726/13	5 44 24	- 00 04 28	6.6	—	—	—
1557	8726/14	5 44 31	- 00 10 44	4.7	0.27	0.18	0.19
1558	8726/15	5 44 36	- 00 17 13	11.9	0.69	0.07	0.07
1560	8726/16	5 44 44	- 00 01 38	20.9	-0.05	0.04	0.04
1561	2222/2	5 45 14	- 32 11 33	5.0	-0.10	0.23	0.23
1562	5048/4	5 45 23	- 09 41 04	32.3	-0.16	0.03	0.03
	3129/1	5 45 24	- 09 41 02	8.2	-0.16	0.09	0.09
1563	8726/17	5 45 37	- 00 13 00	4.8	—	—	—
1564	2222/3	5 45 47	- 31 53 17	5.5	—	—	—
1567	1834/1	5 46 37	- 25 29 33	4.3	—	—	—
1569	5852/1	5 47 28	- 71 10 00	3.6	—	—	—
	5845/1	5 47 32	- 71 09 48	6.7	0.11	0.15	0.15
1570	5833/1	5 47 44	- 69 42 32	5.3	—	—	—
1571	7109/5	5 47 52	- 67 46 08	4.6	-0.08	0.20	0.20
1572	871/1	5 48 03	- 00 04 55	5.5	—	—	—
1573	5839/1	5 48 20	- 70 26 02	5.4	—	—	—
	5834/1	5 48 21	- 70 25 35	7.5	—	—	—
	2467/2	5 48 24	- 70 25 47	4.6	—	—	—
1576	7196/2	5 49 25	- 07 28 51	8.4	0.35	0.11	0.11
1577	4347/1	5 49 27	- 19 51 09	10.8	—	—	—
1578	7196/3	5 49 38	- 07 19 21	10.1	0.41	0.35	0.37
1579	7196/4	5 49 47	- 07 27 56	22.4	0.80	0.03	0.03
1580	7196/5	5 50 20	- 07 51 00	4.4	—	—	—
1581	2476/1	5 50 36	- 66 37 28	6.3	0.12	0.15	0.15
1582	7196/6	5 51 07	- 07 20 17	8.0	—	—	—
1583	6380/1	5 51 11	- 46 26 00	20.5	0.66	0.03	0.04
1584	4347/2	5 51 25	- 20 16 12	17.4	-0.22	0.04	0.04
1585	5833/2	5 51 32	- 69 54 52	4.3	0.04	0.21	0.21
1586	3109/1	5 52 07	- 04 04 30	4.3	0.43	0.19	0.20
1587	5833/3	5 53 01	- 69 49 41	5.4	0.30	0.15	0.15
1588	5482/1	5 53 03	- 14 23 10	6.0	0.27	0.15	0.15
1589	5833/4	5 53 15	- 69 26 59	3.5	-0.33	0.23	0.23
1590	5482/2	5 53 29	- 14 00 34	6.3	0.46	0.14	0.14
1591	5834/2	5 53 57	- 70 25 23	3.7	0.22	0.21	0.21
1592	5482/3	5 54 09	- 14 10 31	8.7	-0.23	0.10	0.09
1593	5065/1	5 54 52	- 26 13 56	5.2	—	—	—
1594	5482/4	5 55 07	- 14 14 51	4.9	0.27	0.21	0.22
1596	4894/1	5 59 38	- 09 39 04	8.7	0.12	0.10	0.10
1598	3197/1	6 00 39	- 31 20 08	8.0	0.43	0.10	0.11
1599	5183/2	6 01 06	- 23 16 08	4.2	-0.10	0.16	0.16
1601	5183/3	6 02 44	- 23 15 17	7.8	0.51	0.09	0.10
1603	7287/1	6 05 35	- 08 34 07	6.6	0.55	0.12	0.13
	7288/1	6 05 36	- 08 34 09	6.5	0.88	0.12	0.13
1606	10306/1	6 06 55	- 21 57 52	8.3	—	—	—
1607	3479/1	6 07 16	- 22 35 04	5.6</			

Table D Hardness Ratios

Number CAT	SEQ/ FLD	Position		S/N	Hardness Ratio		
		RA (1950)	DEC (1950)		MLHR	+	-
1622	7910/1	6 11 41	- 00 35 02	6.8	—	—	—
1624	4931/1	6 12 07	- 59 19 23	3.8	—	—	—
1625	7910/2	6 12 22	- 00 19 03	3.6	—	—	—
1626	4500/1	6 12 35	28 36 20	12.2	0.76	0.06	0.06
1629	7910/3	6 14 21	- 00 19 16	9.9	—	—	—
1630	10203/1	6 15 41	- 10 22 04	6.4	—	—	—
1631	5304/1	6 16 05	13 47 52	4.0	0.27	0.32	0.31
1632	4931/2	6 16 39	- 59 23 20	3.7	0.28	0.26	0.27
1633	4931/3	6 17 03	- 58 47 32	5.5	-0.18	0.16	0.15
1634	5304/2	6 18 01	13 26 35	4.9	—	—	—
1635	10203/2	6 18 12	- 10 28 58	7.0	-0.10	0.17	0.17
1637	7896/1	6 20 32	- 17 55 38	7.7	-0.51	0.10	0.09
1638	6960/1	6 20 37	- 52 40 02	12.6	0.24	0.06	0.06
1639	847/1	6 20 48	- 52 42 30	4.3	—	—	—
1641	847/2	6 22 32	- 52 55 57	5.4	—	—	—
	6960/2	6 22 34	- 52 56 09	7.4	0.27	0.16	0.17
1642	6960/3	6 22 51	- 52 40 01	41.3	0.07	0.02	0.02
	847/3	6 22 51	- 52 39 54	13.6	0.08	0.06	0.06
1645	6960/4	6 23 09	- 52 23 40	4.6	—	—	—
1646	5484/1	6 23 14	18 47 17	19.1	-0.16	0.04	0.04
1647	847/4	6 23 18	- 53 04 18	3.9	0.34	0.28	0.30
	6960/5	6 23 18	- 53 04 36	6.8	—	—	—
1648	6960/6	6 23 38	- 52 39 00	5.9	0.25	0.12	0.13
1649	6064/1	6 23 47	- 55 37 29	6.6	—	—	—
1650	6064/2	6 24 09	- 55 41 10	4.0	-0.04	0.26	0.26
1651	6064/3	6 24 18	- 55 18 48	13.7	0.45	0.05	0.05
	4676/1	6 24 19	- 55 19 10	7.2	—	—	—
1652	6960/7	6 24 25	- 52 23 04	5.6	-0.08	0.22	0.22
1653	4676/2	6 24 39	- 55 34 39	3.8	—	—	—
1654	6064/4	6 25 11	- 55 42 33	3.9	0.37	0.24	0.24
1655	6960/8	6 25 17	- 52 28 14	5.6	-0.60	0.26	0.26
1657	6064/5	6 25 29	- 55 32 39	5.0	0.07	0.15	0.15
	4676/3	6 25 32	- 55 32 49	4.7	-0.13	0.65	0.64
1661	6065/1	6 26 32	- 56 46 48	3.8	—	—	—
1662	6064/6	6 26 40	- 55 27 31	4.8	—	—	—
1663	5485/2	6 26 53	- 02 46 22	15.9	-0.30	0.05	0.05
1665	5485/3	6 27 18	- 02 45 24	5.5	-0.32	0.14	0.14
1667	7837/1	6 27 24	05 47 54	4.3	0.17	0.16	0.17
	5060/1	6 27 24	05 47 43	4.2	0.41	0.21	0.22
1669	4613/1	6 27 42	24 59 16	3.7	0.43	0.51	0.53
1672	5060/2	6 28 12	06 01 51	6.5	0.17	0.11	0.12
1673	4613/2	6 28 18	25 03 24	15.1	0.66	0.04	0.05
1680	7897/1	6 29 14	- 23 28 59	7.0	0.26	0.16	0.16
1681	1186/2	6 29 16	04 58 27	8.9	0.42	0.10	0.11
1682	7897/2	6 29 20	- 23 08 55	5.4	0.19	0.22	0.21
1683	1186/3	6 29 32	04 51 56	5.2	0.27	0.13	0.13
1684	1186/4	6 29 34	04 58 43	5.6	0.63	0.19	0.20
1686	7897/3	6 29 47	- 23 22 52	19.6	-0.15	0.04	0.04
1687	7237/4	6 29 49	10 16 22	4.8	0.30	0.16	0.17
1688	7237/5	6 29 55	10 12 48	3.8	0.21	0.16	0.16
1689	3332/1	6 30 26	18 48 11	5.0	0.55	0.24	0.25
1690	6063/1	6 30 45	- 53 51 45	6.6	0.84	0.15	0.16
1691	7237/6	6 30 45	10 26 47	3.7	0.27	0.18	0.18
1692	7838/1	6 30 48	05 04 39	3.6	—	—	—
1694	7897/4	6 30 57	- 23 07 05	3.6	—	—	—
1695	6063/2	6 30 57	- 54 02 34	25.4	0.41	0.03	0.03
1697	3333/1	6 31 00	17 48 44	10.3	-0.55	0.07	0.07
	10371/1	6 31 01	17 48 48	20.2	-0.64	0.04	0.04
1701	7897/5	6 31 18	- 23 07 21	3.8	-0.55	0.14	0.14
1702	10371/3	6 31 34	18 20 03	5.5	—	—	—
1703	4557/1	6 31 44	- 62 17 04	3.5	—	—	—
1704	6063/3	6 32 16	- 53 51 04	5.1	0.35	0.21	0.21
1705	10206/1	6 33 08	16 50 39	3.7	—	—	—
1706	7834/1	6 33 16	07 57 46	12.7	0.49	0.06	0.07
1708	8494/1	6 33 53	- 74 49 30	4.2	—	—	—
1710	6305/2	6 34 23	- 20 48 22	9.5	0.55	0.09	0.09
1711	3050/1	6 34 42	06 10 43	11.3	0.42	0.07	0.08
1712	10206/2	6 34 49	16 26 39	10.3	-0.24	0.09	0.08
	3049/1	6 34 51	16 26 53	11.9	-0.15	0.07	0.07
1714	10206/3	6 34 54	16 00 30	3.9	0.34	0.15	0.16

Number CAT	SEQ/ FLD	Position		S/N	Hardness Ratio		
		RA (1950)	DEC (1950)		MLHR	+	-
1715	3049/2	6 34 55	16 00 25	3.8	0.36	0.15	0.15
1718	4557/2	6 35 09	- 62 35 38	4.0	-0.15	0.25	0.25
1719	8494/3	6 35 39	- 74 44 40	10.4	—	—	—
1720	1182/1	6 36 46	05 17 57	4.4	—	—	—
	5404/1	6 37 24	- 75 13 34	16.2	0.37	0.05	0.05
	8494/4	6 37 27	- 75 13 38	28.1	0.51	0.03	0.03
1721	7833/1	6 37 39	08 38 36	5.0	0.28	0.18	0.19
1722	5088/1	6 37 59	09 52 36	4.3	0.45	0.18	0.20
	7831/1	6 37 59	09 52 24	5.4	—	—	—
	5089/1	6 38 01	09 52 07	5.2	0.31	0.16	0.17
1723	7831/2	6 38 13	09 56 49	11.6	-0.06	0.07	0.07
	5089/2	6 38 14	09 56 43	12.5	0.13	0.07	0.07
	5088/2	6 38 14	09 57 02	11.2	0.26	0.07	0.08
	5090/1	6 38 15	09 56 46	10.2	-0.04	0.08	0.08
1724	5089/3	6 38 25	09 30 36	5.1	0.73	0.11	0.12
	5090/2	6 38 26	09 30 18	3.9	0.72	0.25	0.27
1725	8494/5	6 39 30	- 75 36 00	15.5	—	—	—
1726	5307/1	6 40 49	05 54 00	4.1	—	—	—
1727	9254/1	6 41 22	- 02 02 28	3.9	0.39	0.18	0.18
1728	9254/2	6 41 46	- 01 34 20	4.0	—	—	—
1729	3712/1	6 42 54	44 54 34	10.1	0.29	0.10	0.11
1732	3712/2	6 43 28	44 43 04	4.9	0.15	0.18	0.18
1733	7128/1	6 45 30	53 31 48	4.8	—	—	—
1735	5488/1	6 48 09	- 50 42 05	5.2	-0.10	0.19	0.19
1736	9941/1	6 48 37	- 07 07 34	3.7	—	—	—
1737	9937/1	6 49 49	- 07 19 45	5.6	—	—	—
1738	5490/1	6 49 51	- 05 06 34	5.8	-0.41	0.12	0.12
1739	5490/2	6 49 54	- 05 14 46	6.6	-0.26	0.16	0.15
1740	5490/3	6 50 26	- 05 20 49	4.5	-0.41	0.25	0.25
1741	7872/1	6 51 29	- 23 35 18	3.6	—	—	—
1742	7872/2	6 51 44	- 24 01 06	3.9	0.11	0.20	0.20
1743	7872/3	6 52 07	- 23 51 55	16.0	0.45	0.05	0.06
	2281/1	6 52 09	- 23 51 50	11.7	0.51	0.08	0.08
1745	2281/2	6 54 17	- 23 59 37	3.7	—	—	—
1747	4624/1	6 54 41	- 05 43 11	4.0	0.23	0.20	0.21
1748	9961/1	6 54 44	- 55 38 31	4.1	-0.01	0.20	0.20
1750	2621/1	6 55 36	54 15 57	10.4	0.21	0.08	0.08
1751	5999/1	6 55 39	28 47 09	16.0	0.02	0.05	0.05
1752	3338/1	6 55 50	- 07 08 46	5.0	0.38	0.20	0.21
1754	9961/2	6 56 28	- 55 46 00	3.9	0.34	0.29	0.29
1755	2486/1	6 56 57	14 18 50	16.5	-0.73	0.03	0.03
1756	5999/2	6 57 01	28 51 49	3.9	0.28	0.21	0.21
1757	5999/3	6 57 03	29 20 53	4.3	—	—	—
1758	5999/4	6 57 04	28 34 52	4.5	—	—	—
1759	9961/3	6 57 29	- 55 52 36	12.8	0.46	0.05	0.05
1760	8955/1	6 57 32	75 18 11	5.2	-0.28	0.17	0.16
1761	8955/2	6 57 37	75 29 04	11.4	0.18	0.07	0.08
1762	5276/1	6 57 51	- 27 39 13	4.0	—	—	—
1763	5276/2	6 58 27	- 27 55 50	11.8	-0.01	0.08	0.08
1764	5932/1	6 58 32	63 50 21	3.9	—	—	—
1766	3335/1	6 59 26	- 05 21 40	3.7	0.17	0.24	0.25
1767	3553/1	6 59 49	63 23 15	8.0	0.57	0.12	0.12
1768	3133/1	7 00 06	- 24 11 21	7.8	0.03	0.11	0.11
1769	3553/2	7 00 48	63 38 10	9.2	-0.00	0.10	0.10
1770	3198/1	7 00 50	- 05 39 42	7.7	0.32	0.12	0.13
	3335/2	7 00 52	- 05 39 46	5.4	0.27	0.15	0.15
1774	10726/4	7 01 47	- 11 14 38	5.6	—	—	—
1775	10726/5	7 02 01	- 11 26 45	3.8	-0.08	0.22	0.22
1776	10727/1	7 02 56	- 12 15 00	5.3	0.38	0.19	0.20
1777	5156/1	7 04 41	15 27 03	9.7	0.31	0.16	0.16
1779	5156/3	7 05 12	15 44 17	4.9	—	—	—
1780	1836/1	7 05 23	48 41 43	5.3	0.03	0.22	0.23
1782	5493/1	7 06 38	38 37 28	9.4	-0.19	0.08	0.08
1783	4424/2	7 06 45	- 25 52 08	3.7	0.57	0.14	0.15
1784	5972/1	7 08 13	- 16 32 57	3.7	-0.00	0.23	0.23
	6907/1	7 08 16	- 16 32 35	4.4	0.12	0.20	0.20
1785	6907/2	7 08 19	- 17 13 35	6.4	0.47	0.12	0.13
1786	4424/3	7 08 34	- 26 20 53	9.6	—	—	—
1787	6645/1	7 09 23	85 50 15	3.9	-0.36	0.25	0.25
1788	5494/1	7 09 47	- 46 44 50	4.3	—	—	—

Table D Hardness Ratios

Number		Position			Hardness Ratio		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
1790	490/1	7 10 15	11 51 24	4.0	0.46	0.24	0.26
1791	3199/1	7 10 22	73 25 25	6.1	0.26	0.14	0.15
1792	5494/3	7 11 11	-46 40 39	9.4	-0.24	0.12	0.12
1793	1347/1	7 11 50	-10 18 03	4.7	—	—	—
1794	5494/4	7 12 32	-46 55 12	4.6	0.61	0.18	0.18
1796	5495/1	7 12 49	-26 56 52	4.8	0.23	0.17	0.18
1797	4133/1	7 13 08	-30 06 14	4.7	—	—	—
1798	5494/5	7 13 19	-46 45 26	8.4	-0.04	0.15	0.15
1799	3554/1	7 13 29	37 00 08	4.6	0.37	0.21	0.22
1801	6645/2	7 15 41	85 48 52	4.9	0.23	0.18	0.18
1802	5120/1	7 16 14	71 26 19	11.8	0.39	0.07	0.07
1803	8379/1	7 16 35	-24 28 05	13.4	0.34	0.07	0.07
	5093/1	7 16 37	-24 28 02	4.5	0.24	0.19	0.20
	5091/1	7 16 37	-24 27 42	3.7	0.62	0.34	0.36
1804	8379/2	7 16 38	-24 51 37	20.3	—	—	—
	5091/2	7 16 39	-24 51 44	8.7	0.12	0.08	0.08
	5093/2	7 16 40	-24 52 05	9.8	0.31	0.08	0.08
1807	8379/4	7 18 06	-24 34 30	3.7	—	—	—
1808	7131/1	7 18 13	-70 57 42	4.7	—	—	—
1809	3200/1	7 18 21	-05 10 13	5.9	0.34	0.13	0.14
1810	5120/2	7 20 00	71 00 21	4.6	-0.34	0.14	0.13
1811	4131/1	7 21 13	-30 42 22	5.4	0.30	0.19	0.20
1812	2098/1	7 21 16	69 04 08	9.6	—	—	—
1813	3262/1	7 22 42	-00 20 29	10.5	—	—	—
	7294/1	7 22 43	-00 20 40	10.9	—	—	—
1814	5066/1	7 22 43	-29 23 03	4.0	-0.01	0.21	0.21
1815	3262/2	7 23 19	-00 48 57	6.6	0.61	0.15	0.16
	7294/2	7 23 19	-00 48 47	6.8	0.49	0.11	0.12
1816	7334/1	7 24 14	16 08 58	3.7	—	—	—
1817	7334/2	7 24 33	15 45 45	14.2	0.37	0.06	0.06
1818	9692/1	7 24 46	21 32 59	20.7	-0.25	0.04	0.04
1819	9692/2	7 25 34	21 30 05	4.3	0.24	0.25	0.25
1820	9013/1	7 27 13	13 44 30	4.2	0.32	0.17	0.17
1822	9218/1	7 28 44	10 02 31	4.9	0.72	0.18	0.19
1823	211/1	7 29 09	31 44 46	12.9	0.45	0.06	0.06
1825	5226/1	7 30 22	65 47 16	5.9	-0.30	0.16	0.16
	589/1	7 30 24	65 47 12	9.4	0.12	0.10	0.10
1826	9217/1	7 31 14	10 22 28	3.5	0.01	0.19	0.19
1827	211/2	7 31 27	31 58 49	13.6	—	—	—
1828	589/2	7 31 35	65 42 19	9.0	0.70	0.12	0.12
	5226/2	7 31 36	65 42 56	8.2	0.81	0.11	0.12
	5227/1	7 31 40	65 42 21	4.1	—	—	—
1829	7719/1	7 31 40	80 10 58	15.9	—	—	—
1830	589/3	7 32 07	65 42 35	6.4	0.53	0.16	0.17
	5226/3	7 32 10	65 42 49	4.9	0.05	0.19	0.19
1831	589/4	7 32 14	65 46 12	3.7	0.14	0.48	0.49
	5226/4	7 32 14	65 46 41	3.7	—	—	—
1832	2607/1	7 32 44	58 53 00	10.1	0.24	0.09	0.09
1833	5695/1	7 33 23	17 37 46	4.4	—	—	—
1834	3960/1	7 33 28	70 37 42	4.1	—	—	—
1835	5695/2	7 33 33	18 10 13	5.1	—	—	—
1836	5695/3	7 33 42	17 38 24	10.3	—	—	—
	7496/1	7 33 45	17 38 34	3.6	—	—	—
1837	3960/2	7 33 42	70 03 56	4.5	0.19	0.13	0.14
1838	5695/4	7 33 58	17 55 14	4.6	—	—	—
1839	5695/5	7 34 05	17 23 56	20.3	—	—	—
	1991/1	7 34 06	17 24 08	5.5	0.13	0.16	0.16
	7496/2	7 34 07	17 23 43	5.1	—	—	—
	1992/1	7 34 08	17 23 14	4.8	0.05	0.17	0.18
1841	5695/7	7 34 35	18 05 01	8.8	-0.07	0.09	0.09
1842	5695/8	7 35 11	17 36 40	4.4	-0.06	0.18	0.18
1843	1991/2	7 35 13	17 49 19	9.4	0.25	0.10	0.10
	5695/9	7 35 14	17 49 14	33.2	0.31	0.03	0.03
	7496/3	7 35 15	17 49 20	11.8	0.12	0.07	0.07
	1992/2	7 35 16	17 49 09	7.4	0.20	0.12	0.13
1845	3031/1	7 35 37	74 21 35	6.2	0.39	0.11	0.12
	4599/1	7 35 39	74 21 26	6.1	—	—	—
1846	2020/1	7 35 38	02 04 42	3.8	—	—	—
1847	5695/11	7 36 03	17 43 00	14.6	0.24	0.07	0.07
	1992/3	7 36 04	17 42 56	4.5	0.54	0.37	0.39

Number		Position			Hardness Ratio		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
1848	7496/4	7 36 05	17 43 17	6.3	0.13	0.20	0.20
1850	5695/12	7 36 20	18 09 29	7.2	—	—	—
	2020/2	7 36 42	01 43 54	7.2	0.60	0.11	0.12
	2019/1	7 36 43	01 43 59	11.1	0.48	0.08	0.08
1851	5695/13	7 37 01	18 00 14	5.2	-0.20	0.11	0.11
1852	4599/2	7 37 02	74 36 07	4.8	-0.42	0.19	0.18
1853	2019/2	7 37 04	01 35 02	3.7	0.24	0.22	0.23
1854	5695/14	7 37 12	17 53 06	6.3	-0.04	0.09	0.09
1855	4599/3	7 37 55	74 41 04	17.7	0.17	0.05	0.05
	3031/2	7 37 58	74 41 07	8.4	—	—	—
1856	7295/1	7 37 59	31 18 53	5.3	0.44	0.18	0.20
	3993/1	7 38 01	31 19 09	6.1	0.31	0.12	0.12
1857	6948/1	7 38 12	-18 44 27	5.9	0.39	0.30	0.31
1858	9712/1	7 39 41	-14 17 08	4.0	-0.10	0.25	0.25
1859	5170/1	7 39 54	09 34 53	4.3	0.37	0.22	0.22
1860	5170/2	7 39 58	09 29 43	16.2	0.59	0.12	0.12
1862	499/1	7 40 23	37 33 40	4.7	-0.20	0.17	0.17
1863	499/2	7 40 58	38 00 32	11.0	0.34	0.08	0.08
1864	499/3	7 41 01	38 25 49	4.2	0.01	0.19	0.19
1865	6948/2	7 41 05	-18 34 19	4.1	—	—	—
1866	7719/2	7 41 24	80 21 41	3.9	—	—	—
1867	10077/1	7 41 32	10 04 48	5.2	—	—	—
1869	499/5	7 41 52	38 16 24	5.1	—	—	—
1870	3048/1	7 42 01	03 51 08	4.1	0.01	0.34	0.34
1871	3048/2	7 42 03	03 40 28	45.3	-0.23	0.02	0.02
	908/1	7 42 04	03 40 32	32.6	-0.11	0.03	0.03
1872	4453/1	7 42 14	28 08 35	5.7	-0.70	0.21	0.20
1873	10077/2	7 42 48	10 18 38	4.3	0.40	0.21	0.21
1874	3048/3	7 43 02	03 45 59	8.3	0.20	0.12	0.12
	908/2	7 43 04	03 45 53	4.1	0.39	0.32	0.33
1875	3048/4	7 43 03	04 06 29	4.1	—	—	—
1876	3048/5	7 43 51	03 50 45	4.2	—	—	—
	908/3	7 43 51	03 50 55	3.7	—	—	—
1877	6306/1	7 45 10	55 46 00	6.1	—	—	—
1878	3263/1	7 45 36	24 07 43	3.6	—	—	—
1879	6306/2	7 46 10	55 30 18	3.8	—	—	—
1880	7866/1	7 46 25	-24 22 30	11.6	—	—	—
1881	7866/2	7 47 06	-25 10 29	11.2	0.20	0.07	0.07
1882	7708/1	7 48 27	-67 37 39	6.8	—	—	—
1883	9071/1	7 48 27	01 59 59	5.8	0.60	0.23	0.24
1884	9071/2	7 48 55	02 10 44	4.7	0.22	0.30	0.30
1885	4235/1	7 50 43	-26 08 35	4.5	-0.14	0.30	0.30
1886	4235/2	7 51 02	-26 00 25	5.4	—	—	—
1887	7708/2	7 51 42	-68 05 58	4.7	—	—	—
1888	2622/1	7 52 05	39 19 10	15.5	0.07	0.06	0.06
1889	3179/1	7 52 08	22 08 12	16.1	0.28	0.05	0.05
	948/1	7 52 09	22 08 22	9.1	0.21	0.08	0.09
1890	550/1	7 54 24	10 04 47	7.2	0.17	0.12	0.12
1891	2622/2	7 54 39	39 28 41	5.8	—	—	—
1893	5500/1	7 55 29	-52 51 23	4.4	0.01	0.20	0.20
1894	5184/2	7 55 33	57 28 56	4.0	—	—	—
1895	5500/2	7 56 32	-53 08 41	5.4	0.67	0.17	0.20
1896	6007/1	7 56 49	-49 06 50	6.3	0.25	0.13	0.13
1898	1838/1	7 58 06	64 09 09	3.5	-0.06	0.37	0.38
1900	5184/3	7 58 31	57 24 59	26.2	0.03	0.03	0.03
1901	8979/3	7 58 43	14 23 12	4.5	-0.05	0.21	0.21
1906	10181/1	8 01 17	10 07 39	4.9	—	—	—
1907	2711/1	8 01 24	10 20 28	3.8	0.37	0.40	0.41
	10181/2	8 01 27	10 20 48	4.3	0.07	0.28	0.28
1908	6322/1	8 01 41	24 25 22	5.6	0.25	0.23	0.23
1909	2711/2	8 01 45	10 11 44	3.8	-0.35	0.35	0.33
	10181/3	8 01 46	10 11 31	14.4	-0.33	0.07	0.06
1910	5113/1	8 01 49	-39 51 43	24.1	—	—	—
	5111/1	8 01 50	-39 51 42	25.7	0.19	0.03	0.04
	5110/1	8 01 50	-39 51 39	23.6	0.24	0.04	0.04
	5112/1	8 01 51	-39 51 52	18.2	—	—	—
	2223/1	8 01 51	-39 51 39	24.3	0.16	0.03	0.03
1911	10079/1	8 01 57	21 29 13	8.5	0.70	0.11	0.11
1912	5111/2	8 02 04	-39 22 51	4.1	-0.11	0.17	0.16
1913	10181/4	8 02 06	10 24 02	3.9	0.21	0.19	0.19

Table D Hardness Ratios

Number		Position			Hardness Ratio		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
1914	10181/5	8 02 07	10 30 13	4.4	0.24	0.20	0.20
1915	5336/1	8 03 22	75 57 45	6.0	0.48	0.14	0.15
1916	10181/6	8 03 31	10 26 40	4.7	—	—	—
1917	10226/1	8 03 43	11 16 45	6.7	0.51	0.21	0.22
1918	6322/2	8 04 05	23 56 32	3.8	—	—	—
1919	5336/2	8 04 40	76 11 17	17.4	0.23	0.05	0.05
1921	3835/1	8 05 38	21 00 56	5.6	—	—	—
1922	2022/1	8 06 13	04 44 04	4.0	-0.06	0.31	0.31
1923	3835/2	8 06 13	20 33 42	8.7	0.30	0.12	0.12
1924	3354/1	8 06 36	28 19 56	3.8	0.50	0.17	0.19
1926	2284/1	8 06 59	- 47 07 39	3.7	0.47	0.39	0.40
1927	3835/3	8 07 00	20 45 34	3.7	0.72	0.22	0.23
1928	3835/4	8 07 00	20 31 49	3.6	-0.03	0.38	0.39
1929	7778/1	8 07 06	57 39 07	5.0	—	—	—
1930	5933/2	8 07 07	74 26 49	5.7	0.49	0.22	0.22
1931	2719/1	8 07 37	04 54 07	3.9	0.09	0.22	0.23
1932	3835/5	8 07 41	21 03 51	6.0	0.30	0.12	0.12
1933	8357/1	8 07 43	62 35 07	4.6	—	—	—
1934	3354/2	8 07 52	28 17 41	8.2	0.29	0.10	0.11
1935	3354/3	8 08 00	28 34 18	3.9	—	—	—
1936	2284/2	8 08 00	- 47 11 21	13.5	0.43	0.06	0.06
1937	2283/1	8 08 03	- 47 10 19	7.7	-0.13	0.48	0.48
1937	493/1	8 08 02	48 40 24	4.5	0.07	0.19	0.19
1938	8357/2	8 08 03	62 45 27	65.0	0.25	0.01	0.01
1938	3355/1	8 08 07	62 45 24	20.6	0.29	0.04	0.04
1938	8018/1	8 08 08	62 45 16	52.2	0.26	0.02	0.02
1939	3835/6	8 08 05	20 44 00	4.5	—	—	—
1940	2283/2	8 08 22	- 47 25 40	11.3	0.50	0.07	0.07
1941	3901/1	8 08 52	01 55 59	10.3	0.19	0.08	0.08
1942	2260/1	8 08 54	- 76 22 44	4.9	0.39	0.22	0.23
1943	2284/3	8 08 59	- 47 17 40	3.9	—	—	—
1944	493/2	8 09 35	48 25 53	3.6	0.34	0.62	0.62
1945	1752/1	8 09 53	- 35 12 14	8.6	-0.17	0.11	0.11
1946	493/3	8 09 55	48 09 30	5.0	—	—	—
1949	8357/3	8 10 17	63 06 01	7.1	-0.25	0.12	0.12
1949	8018/2	8 10 18	63 05 05	4.4	—	—	—
1950	317/1	8 10 17	66 35 41	8.2	0.47	0.10	0.10
1951	5933/3	8 10 32	74 33 20	7.3	0.30	0.12	0.12
1955	6912/1	8 11 30	- 57 04 12	8.3	—	—	—
1956	8018/4	8 11 40	63 01 36	5.0	0.34	0.17	0.17
1962	5933/4	8 15 17	74 33 39	3.7	0.17	0.36	0.36
1963	3928/1	8 15 48	52 33 32	4.0	0.02	0.28	0.28
1964	5933/5	8 16 15	74 49 54	6.6	—	—	—
1965	246/1	8 16 23	54 06 42	3.9	—	—	—
1967	304/1	8 17 41	21 13 27	7.1	-0.01	0.14	0.14
1968	304/2	8 17 49	21 06 40	8.0	0.14	0.14	0.14
1969	551/1	8 18 36	- 12 48 55	3.7	0.47	0.22	0.24
1970	1839/1	8 18 38	47 15 32	10.4	0.43	0.07	0.08
1971	246/2	8 18 49	54 28 12	8.9	0.53	0.10	0.11
1972	2261/1	8 19 45	73 16 16	7.3	0.26	0.13	0.14
1973	10100/1	8 19 54	- 76 45 37	10.3	-0.32	0.08	0.08
1974	8355/1	8 20 14	02 01 37	6.1	-0.38	0.15	0.15
1975	10100/2	8 20 20	- 77 03 34	3.5	0.27	0.35	0.35
1976	10231/1	8 21 31	03 37 38	3.9	0.24	0.10	0.10
1979	5929/1	8 22 08	26 44 01	5.6	—	—	—
1981	5929/2	8 22 43	27 13 38	3.9	—	—	—
1983	3546/1	8 23 03	29 14 29	3.7	—	—	—
1984	10231/6	8 23 13	03 19 23	28.3	0.39	0.03	0.03
1985	3546/2	8 24 01	29 44 39	6.4	-0.00	0.14	0.13
1987	305/1	8 24 12	66 12 06	7.8	—	—	—
1988	7337/1	8 24 13	30 12 12	5.6	—	—	—
1990	10231/9	8 24 27	03 41 03	11.2	—	—	—
1991	10231/10	8 24 36	03 16 53	6.5	—	—	—
1992	10231/11	8 25 04	03 17 15	3.7	-0.03	0.12	0.12
1993	7337/2	8 25 30	30 35 45	23.8	0.51	0.03	0.03
1993	182/1	8 25 33	30 35 57	6.6	0.65	0.15	0.17
1994	5929/3	8 25 49	26 33 16	4.5	—	—	—
1995	305/2	8 26 29	66 00 56	20.7	0.46	0.03	0.03
1996	3264/1	8 27 53	24 21 41	4.7	0.27	0.23	0.24
1997	7731/1	8 28 04	04 32 14	4.0	-0.22	0.26	0.25

Number		Position			Hardness Ratio		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
1998	3202/1	8 28 14	02 26 34	8.6	0.36	0.10	0.11
2000	305/4	8 28 43	66 01 17	7.0	0.48	0.12	0.12
2001	7731/2	8 29 11	04 39 56	8.2	0.56	0.11	0.12
2003	2024/1	8 29 29	11 06 29	4.2	0.22	0.23	0.23
2004	7731/4	8 29 58	04 55 15	4.7	—	—	—
2005	2024/2	8 30 20	11 26 16	6.9	-0.14	0.15	0.14
2023/1	8 30 21	11 26 16		4.1	-0.14	0.30	0.29
2007	5155/1	8 30 24	28 28 10	4.2	—	—	—
2009	5155/2	8 32 07	28 34 25	6.3	0.43	0.15	0.16
2010	6964/1	8 32 36	64 49 41	7.7	0.29	0.11	0.11
2011	503/1	8 32 49	58 15 32	4.9	—	—	—
2012	501/1	8 33 17	65 24 21	4.8	0.54	0.19	0.20
2012	6964/2	8 33 23	65 23 49	8.9	—	—	—
2013	503/2	8 33 27	58 34 53	3.6	—	—	—
2015	6964/3	8 34 04	65 17 42	5.5	—	—	—
2016	7296/1	8 34 23	- 20 06 36	7.1	0.55	0.15	0.16
2017	2312/1	8 34 36	23 44 14	5.3	-0.02	0.16	0.16
2018	501/2	8 34 46	65 12 04	13.7	-0.07	0.06	0.06
2018	6964/4	8 34 47	65 11 46	40.8	-0.22	0.02	0.02
2018	4456/1	8 34 47	65 11 46	9.5	-0.19	0.09	0.09
2019	503/3	8 35 11	58 04 45	9.4	0.15	0.15	0.15
2020	503/4	8 35 30	58 02 49	6.3	-0.33	0.22	0.22
2021	2312/2	8 35 50	23 52 06	3.6	-0.38	0.34	0.34
2022	3204/1	8 36 03	31 58 15	15.1	0.35	0.06	0.06
2024	6020/1	8 36 10	29 01 31	4.4	0.23	0.18	0.18
2025	720/1	8 36 43	- 41 32 52	3.5	—	—	—
2026	6964/6	8 36 43	64 55 26	4.0	—	—	—
2029	6020/2	8 37 41	29 07 42	3.6	—	—	—
2031	486/1	8 37 53	13 00 22	6.6	—	—	—
2032	486/2	8 38 02	13 23 05	16.0	0.39	0.06	0.06
2033	486/3	8 38 12	13 46 05	5.0	—	—	—
2035	5363/1	8 38 34	77 03 57	4.8	0.11	0.21	0.21
2038	3033/1	8 39 54	29 38 47	7.4	—	—	—
2039	7332/1	8 40 13	19 07 02	5.0	0.32	0.22	0.22
2040	4932/1	8 40 51	26 29 36	5.4	—	—	—
2041	5364/1	8 41 43	16 28 03	4.8	0.26	0.18	0.18
2042	7867/1	8 42 15	- 06 45 55	3.6	—	—	—
2043	7332/2	8 42 39	19 00 02	5.2	-0.32	0.15	0.14
2044	7867/2	8 42 41	- 07 21 02	6.3	—	—	—
2045	2237/1	8 43 08	- 54 18 02	16.4	0.33	0.07	0.07
2046	2237/2	8 43 21	- 54 31 15	9.6	-0.24	0.09	0.08
2048	5337/1	8 44 34	34 56 08	12.0	0.10	0.07	0.07
2049	4059/1	8 44 58	18 44 16	5.2	0.21	0.17	0.17
2050	4059/2	8 44 59	18 36 01	7.4	0.42	0.12	0.13
2051	1840/2	8 45 06	37 51 49	4.1	-0.55	0.23	0.22
2052	4059/3	8 45 11	18 51 19	4.2	-0.22	0.26	0.26
2053	3921/1	8 47 27	33 28 25	5.7	-0.00	0.15	0.15
2054	5504/1	8 47 33	28 13 20	7.8	—	—	—
2055	5504/2	8 48 00	28 28 46	4.9	—	—	—
2056	5185/1	8 48 01	08 02 54	6.2	—	—	—
2059	5185/2	8 49 35	08 15 13	10.5	-0.23	0.08	0.08
2060	5185/3	8 49 35	08 05 10	28.1	0.13	0.03	0.03
2062	1994/1	8 49 45	20 15 25	9.9	-0.03	0.08	0.08
2063	5504/6	8 49 49	28 20 03	6.4	0.27	0.17	0.17
2064	7954/1	8 49 49	- 05 22 15	5.4	0.49	0.10	0.10
2066	500/1	8 50 16	13 36 48	4.8	0.61	0.23	0.25
2068	500/2	8 50 22	14 04 26	3.9	0.37	0.27	0.28
2069	5504/9	8 50 42	28 10 12	11.8	—	—	—
2070	500/3	8 50 53	14 01 12	5.8	0.56	0.15	0.15
2072	8362/1	8 50 56	51 25 56	4.2	—	—	—
2073	1994/3	8 51 09	20 25 05	10.6	0.06	0.09	0.09
2074	5504/10	8 51 11	28 06 14	3.5	—	—	—
2075	7954/2	8 51 50	- 05 14 36	13.4	-0.34	0.07	0.07
2076	1994/4	8 51 57	20 18 03	70.1	0.01	0.01	0.01
2077	1994/5	8 52 37	19 44 55	5.7	—	—	—
2079	415/1	8 53 06	59 19 35	3.8	-0.05	0.28	0.28
2080	5506/1	8 54 12	05 43 29	3.8	—	—	—
2081	6118/1	8 55 16	03 22 08	11.4	0.53	0.07	0.07
2081	306/1	8 55 18	03 22 25	4.8	0.44	0.31	0.34
2082	5507/1	8 55 48	48 14 31	6.3	-0.41	0.15	0.14

Table D Hardness Ratios

Number	Position				Hardness Ratio			
	CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
2083	6118/2	8 56 58	03 20 18	4.3	-0.06	0.19	0.19	
2084	3149/1	8 56 59	36 57 52	4.6	—	—	—	
2085	3904/1	8 59 55	- 14 03 34	6.1	0.60	0.17	0.18	
	3903/1	8 59 55	- 14 03 52	5.8	0.60	0.15	0.15	
2086	481/1	9 02 13	16 55 43	6.0	—	—	—	
2087	2160/1	9 02 37	- 38 17 01	5.4	—	—	—	
2089	5789/2	9 03 13	- 14 48 00	3.8	—	—	—	
2090	481/2	9 03 19	17 07 54	3.6	-0.42	0.54	0.54	
2091	481/3	9 03 35	17 11 13	10.0	-0.20	0.09	0.09	
2092	4959/1	9 03 43	10 34 00	4.3	—	—	—	
2093	481/4	9 03 45	16 58 16	20.0	0.28	0.04	0.05	
2094	5789/3	9 04 27	- 15 05 55	10.2	0.16	0.11	0.11	
2095	481/5	9 04 33	16 51 12	12.2	0.36	0.06	0.06	
2098	2685/1	9 06 19	43 06 03	5.3	-0.01	0.20	0.20	
2101	4959/3	9 06 33	11 10 44	8.2	—	—	—	
2102	2030/1	9 06 35	01 33 30	6.7	0.66	0.13	0.14	
	2029/1	9 06 35	01 33 32	5.3	0.23	0.18	0.18	
2104	7048/1	9 06 59	06 54 40	8.3	—	—	—	
	457/1	9 07 00	06 55 20	5.1	—	—	—	
2105	7048/2	9 07 41	07 14 20	4.0	0.07	0.14	0.14	
2106	8439/1	9 08 12	75 03 49	15.7	—	—	—	
2107	457/2	9 08 34	07 09 19	4.3	—	—	—	
2108	1941/1	9 11 36	40 15 29	3.8	-0.40	0.23	0.22	
2109	2716/1	9 12 54	29 46 14	12.1	-0.16	0.07	0.07	
2110	5790/1	9 13 11	- 22 14 24	4.6	—	—	—	
2111	6844/1	9 13 23	78 45 54	4.2	—	—	—	
2114	5790/2	9 15 19	- 21 37 20	3.9	—	—	—	
2116	3467/1	9 15 40	16 31 00	25.2	0.22	0.03	0.04	
2120	5790/3	9 16 36	- 22 06 56	4.9	0.13	0.20	0.20	
2121	1841/1	9 16 46	33 57 37	6.3	0.28	0.20	0.20	
2122	5790/4	9 17 10	- 21 48 15	7.2	—	—	—	
2123	6695/1	9 17 30	01 15 16	4.2	0.03	0.22	0.23	
2124	6315/1	9 17 50	45 52 07	5.7	0.55	0.14	0.15	
2125	5309/1	9 18 10	- 53 27 29	6.1	0.65	0.12	0.14	
2126	2099/1	9 18 36	51 11 39	5.5	0.18	0.16	0.16	
2127	2099/2	9 19 23	51 33 41	8.4	—	—	—	
2128	6315/2	9 19 55	45 43 29	4.4	-0.59	0.18	0.16	
2129	6844/2	9 20 24	78 39 17	6.7	-0.28	0.14	0.14	
2130	2101/1	9 20 38	35 01 28	4.0	—	—	—	
2131	212/1	9 21 21	14 23 42	9.5	0.41	0.07	0.07	
2132	554/1	9 21 42	39 28 28	4.9	—	—	—	
2133	2101/2	9 21 54	34 50 56	4.7	-0.39	0.18	0.18	
2134	554/2	9 21 58	39 20 08	8.0	-0.16	0.11	0.11	
2135	2101/3	9 22 44	34 20 40	8.1	—	—	—	
2136	3083/1	9 22 58	75 00 15	4.7	—	—	—	
	8439/2	9 22 58	74 59 31	8.4	—	—	—	
2137	7952/1	9 23 00	- 06 10 04	7.8	—	—	—	
2138	5365/1	9 23 06	20 07 14	6.8	0.59	0.14	0.15	
2139	6708/1	9 23 19	12 57 11	20.4	0.24	0.04	0.04	
2140	554/3	9 23 47	38 58 03	3.9	—	—	—	
2141	554/4	9 23 56	39 15 23	25.8	0.16	0.04	0.04	
2142	554/5	9 24 05	38 55 57	3.9	—	—	—	
2144	554/7	9 24 51	39 41 06	4.0	—	—	—	
2145	7952/2	9 25 11	- 06 05 15	3.9	0.25	0.28	0.28	
2146	213/1	9 25 14	20 44 45	6.2	0.66	0.10	0.11	
2147	7952/3	9 26 27	- 06 14 24	4.0	—	—	—	
2148	5512/1	9 27 17	05 52 38	6.4	0.05	0.14	0.14	
2151	4922/1	9 29 17	21 44 04	3.5	—	—	—	
	7049/1	9 29 21	21 43 44	8.9	0.13	0.08	0.08	
2152	6739/1	9 29 54	- 10 59 21	4.5	—	—	—	
2154	4994/1	9 30 07	- 28 24 15	4.1	0.18	0.25	0.25	
2155	7049/2	9 30 31	21 46 00	4.2	—	—	—	
2156	7049/3	9 30 59	21 28 06	5.2	-0.02	0.16	0.16	
2157	3293/1	9 31 16	10 20 48	3.6	—	—	—	
2158	4994/2	9 31 45	- 28 32 53	3.7	-0.46	0.29	0.27	
2159	6097/1	9 33 16	- 04 31 22	4.0	—	—	—	
2160	6097/2	9 33 51	- 04 42 50	11.0	0.45	0.07	0.07	
2161	6097/3	9 34 11	- 04 21 20	4.3	—	—	—	
2162	2642/1	9 34 26	01 19 16	14.6	0.09	0.06	0.06	
2163	6097/4	9 35 49	- 05 04 34	4.0	-0.34	0.18	0.18	

Number	Position				Hardness Ratio			
	CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
2164	7427/1	9 36 19	- 02 51 21	11.9	—	—	—	
2165	530/1	9 37 48	11 53 18	6.9	0.24	0.12	0.12	
2166	8409/1	9 37 58	39 07 32	4.0	0.27	0.25	0.26	
2167	5516/1	9 38 11	- 23 40 39	6.4	—	—	—	
2168	530/2	9 38 21	11 50 39	3.5	-0.03	0.39	0.40	
2169	7655/1	9 38 53	- 03 37 41	4.9	-0.30	0.32	0.32	
2170	5516/2	9 39 00	- 23 21 42	13.7	—	—	—	
2171	530/3	9 39 12	12 12 07	4.0	-0.02	0.38	0.38	
2172	1813/1	9 39 22	09 11 20	7.7	0.66	0.08	0.09	
2173	3447/1	9 39 52	09 52 40	4.8	-0.16	0.17	0.16	
2174	5516/3	9 39 53	- 23 29 16	7.9	-0.63	0.22	0.22	
2175	4621/1	9 39 53	40 20 36	3.9	0.07	0.24	0.24	
2177	3368/1	9 40 15	56 11 02	11.0	-0.06	0.08	0.08	
2178	5516/4	9 40 40	- 23 48 10	4.1	0.41	0.32	0.33	
2180	3447/2	9 41 53	09 45 40	4.3	0.39	0.17	0.18	
2181	3061/1	9 42 04	- 14 22 59	5.1	—	—	—	
2182	3447/3	9 42 49	09 50 26	17.8	0.31	0.05	0.05	
2183	3060/1	9 43 18	- 14 05 43	17.2	0.67	0.04	0.04	
	3061/2	9 43 18	- 14 05 46	17.1	0.74	0.04	0.04	
2184	5985/1	9 44 07	46 29 01	3.8	—	—	—	
2185	4944/1	9 44 11	13 33 38	10.1	—	—	—	
2186	1943/1	9 45 06	07 39 26	5.3	0.21	0.18	0.18	
2187	7199/1	9 45 29	- 30 43 04	21.6	0.86	0.02	0.02	
	9482/1	9 45 30	- 30 42 56	16.5	0.87	0.03	0.03	
	9483/1	9 45 30	- 30 43 02	15.8	0.90	0.03	0.03	
	9481/1	9 45 30	- 30 43 01	16.4	0.83	0.03	0.03	
	9485/1	9 45 30	- 30 42 59	26.3	0.91	0.02	0.02	
	9484/1	9 45 30	- 30 43 03	14.1	0.84	0.03	0.04	
2188	7607/1	9 47 46	- 13 42 18	3.8	—	—	—	
2189	4945/1	9 47 54	04 34 50	6.4	0.15	0.16	0.16	
2190	8400/1	9 48 16	08 21 51	4.0	0.47	0.16	0.17	
	1842/1	9 48 17	08 22 24	4.5	0.29	0.17	0.17	
2191	7607/2	9 49 04	- 14 35 58	15.4	-0.04	0.05	0.05	
2193	251/1	9 50 55	49 29 51	7.9	—	—	—	
2195	2102/2	9 51 26	69 18 13	27.3	0.17	0.04	0.04	
	466/1	9 51 33	69 19 00	9.4	—	—	—	
2197	2102/4	9 51 33	69 53 41	8.9	—	—	—	
	466/2	9 51 43	69 55 00	38.6	0.48	0.02	0.02	
2198	6853/1	9 52 23	44 12 13	5.2	—	—	—	
2199	2102/5	9 53 48	69 18 30	20.4	0.32	0.04	0.04	
2200	251/2	9 54 18	49 31 09	4.1	0.41	0.23	0.24	
2201	1788/1	9 54 36	67 17 35	7.8	—	—	—	
2202	10242/1	9 55 43	- 26 35 41	9.3	0.25	0.08	0.08	
2203	10242/2	9 56 10	- 26 41 07	5.5	0.26	0.17	0.17	
2204	5077/1	9 56 12	- 57 11 22	4.6	—	—	—	
2205	252/1	9 56 21	22 32 11	3.6	-0.35	0.33	0.32	
2206	7405/1	9 56 48	- 07 20 56	6.0	—	—	—	
2207	5251/1	9 56 50	- 22 25 24	11.6	-0.08	0.08	0.07	
2208	252/2	9 56 55	22 38 46	4.9	—	—	—	
2210	5251/2	9 57 11	- 22 35 30	4.1	0.05	0.24	0.24	
2211	3470/1	9 57 36	72 24 55	3.9	0.46	0.31	0.33	
2213	1788/2	9 58 10	67 06 19	9.0	—	—	—	
2214	2105/3	9 58 25	69 12 59	5.7	—	—	—	
2215	253/1	9 58 56	21 02 45	4.1	—	—	—	
2216	7841/1	9 58 57	17 39 05	11.0	-0.07	0.08	0.08	
2217	2105/4	9 59 01	69 01 22	6.5	-0.41	0.17	0.17	
2218	1788/3	9 59 12	67 24 59	7.9	0.25	0.26	0.27	
2219	1788/4	9 59 14	67 22 05	6.4	0.54	0.15	0.16	
2220	7405/2	9 59 23	- 07 55 05	3.5	—	—	—	
2221	253/2	9 59 39	20 46 04	6.3	0.27	0.14	0.15	
2222	5405/1	9 59 59	- 44 23 37	5.7	—	—	—	
2223	253/3	10 01 10	20 28 10	4.5	0.55	0.23	0.23	
2224	2687/1	10 01 12	29 10 29	6.0	—	—	—	
2225	1788/5	10 02 55	67 45 39	3.9	—	—	—	
2226	7406/1	10 03 03	00 58 51	3.6	—	—	—	
2227	563/1	10 03 41	13 00 11	5.2	0.10	0.24	0.24	
2228	563/2	10 04 13	12 38 48	4.6	0.45	0.14	0.15	
2231	2229/1	10 05 32	12 13 59	3.8	-0.08	0.21	0.20	
2232	2229/2	10 06 06	12 02 46	5.8	0.74	0.11	0.12	
2233	5188/1	10 06 30	82 12 03	4.5	-0.07	0.26	0.26	

Table D Hardness Ratios

Number	Position			Hardness Ratio		
	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+ -
2234	5188/2	10 06 35	81 45 21	5.4	—	—
2235	9696/1	10 06 39	-12 12 01	3.8	-0.17	0.33 0.32
2236	9696/2	10 07 39	-12 34 12	4.9	-0.03	0.17 0.17
2237	9696/3	10 08 06	-12 25 04	7.3	0.38	0.10 0.10
2238	4414/1	10 08 15	49 42 25	14.5	-0.26	0.06 0.06
2239	2702/1	10 08 56	34 52 45	6.1	—	—
2240	10058/1	10 10 17	-60 30 46	4.9	0.28	0.27 0.27
2241	6023/1	10 10 42	-00 38 08	3.6	—	—
2242	4135/1	10 10 56	-47 13 59	4.6	—	—
2243	2031/1	10 10 59	24 43 35	3.5	—	—
2244	2031/2	10 11 04	25 04 05	6.5	0.39	0.14 0.14
2245	4936/1	10 11 05	57 08 56	4.4	—	—
2246	6023/2	10 11 08	-00 40 04	6.2	-0.00	0.38 0.40
2247	5407/1	10 11 12	-28 16 21	8.9	0.47	0.09 0.10
2249	4135/2	10 11 23	-47 33 21	4.4	0.23	0.20 0.20
2250	4414/2	10 11 53	49 41 46	11.4	—	—
2252	4936/2	10 13 38	56 46 55	7.2	—	—
2253	4135/3	10 13 59	-47 42 52	7.9	—	—
2254	3446/1	10 14 06	39 18 03	7.8	0.12	0.11 0.11
2255	7791/1	10 14 54	-10 26 03	9.1	—	—
2256	6098/1	10 16 18	-07 34 30	6.3	0.25	0.14 0.14
2257	6098/2	10 16 20	-07 50 57	5.8	—	—
2260	3186/1	10 17 28	-08 26 45	9.5	0.38	0.09 0.09
2261	6098/4	10 17 34	-07 39 37	5.3	0.13	0.14 0.14
2262	7793/1	10 18 13	20 10 19	4.1	—	—
2263	6025/1	10 18 18	19 16 47	3.5	0.10	0.18 0.18
2264	4614/1	10 18 33	48 30 15	4.8	-0.26	0.20 0.20
2266	2611/1	10 19 03	51 39 16	8.0	0.34	0.12 0.12
2267	4614/2	10 19 04	48 36 18	4.3	-0.16	0.16 0.16
2268	3964/1	10 19 47	-10 27 44	3.7	0.34	0.20 0.20
2269	3964/2	10 19 49	-10 16 30	4.6	-0.23	0.20 0.19
2270	7700/1	10 19 59	12 46 13	3.6	0.07	0.27 0.27
2271	3964/3	10 20 04	-10 22 31	14.6	0.18	0.06 0.06
2272	7050/1	10 20 17	68 50 12	4.4	—	—
2273	3964/4	10 20 34	-10 27 56	3.8	0.35	0.38 0.39
2274	7700/2	10 20 41	13 05 15	5.4	-0.25	0.55 0.54
2275	1945/1	10 20 46	20 07 19	14.4	0.73	0.04 0.05
2276	7793/2	10 20 47	20 07 17	14.4	—	—
2276	7050/2	10 20 47	68 21 06	4.0	—	—
2277	6025/2	10 20 54	19 51 19	4.0	—	—
2278	6025/3	10 21 16	19 21 34	3.8	—	—
2279	7715/1	10 21 32	-57 20 20	6.9	0.21	0.15 0.15
2280	6025/4	10 22 01	19 28 07	4.9	—	—
2281	7715/2	10 22 08	-57 30 07	14.0	0.81	0.04 0.05
2282	7700/3	10 22 18	12 59 18	4.1	-0.17	0.20 0.19
2283	2611/2	10 22 20	51 54 23	4.0	—	—
2284	7701/1	10 22 37	11 21 19	5.2	—	—
2285	7050/3	10 22 57	68 44 36	4.2	0.19	0.22 0.22
2286	7715/3	10 24 04	-57 33 06	14.5	0.82	0.05 0.05
2288	7050/4	10 27 11	69 02 42	3.8	0.13	0.13 0.13
2291	4256/2	10 28 10	31 18 34	27.1	0.15	0.03 0.03
2292	2600/1	10 28 19	-02 28 13	3.9	—	—
2293	2644/1	10 28 47	29 02 56	15.5	-0.15	0.05 0.05
2294	4256/3	10 28 48	31 02 44	3.5	-0.33	0.23 0.22
2295	429/1	10 30 18	-27 57 45	6.0	—	—
2296	5064/1	10 30 39	09 58 54	3.8	0.18	0.18 0.19
2297	5064/2	10 31 10	09 55 47	3.9	-0.06	0.20 0.20
2298	10308/1	10 33 28	05 22 44	7.6	-0.01	0.11 0.11
2299	4001/1	10 34 55	-29 18 26	6.5	0.61	0.13 0.14
2301	467/1	10 35 39	53 46 03	5.9	0.53	0.14 0.15
2303	5126/1	10 38 41	06 25 51	9.2	0.27	0.09 0.09
2304	497/1	10 39 56	12 42 33	4.4	—	—
2306	497/2	10 40 06	12 19 28	7.6	0.04	0.12 0.12
2307	6535/1	10 40 48	09 23 29	4.9	-0.53	0.28 0.28
2308	5528/1	10 40 57	-64 05 26	4.1	0.28	0.14 0.15
2309	5528/2	10 41 09	-64 07 54	13.8	-0.26	0.09 0.09
2310	5528/3	10 41 12	-63 40 21	3.6	0.08	0.20 0.20
2311	6535/2	10 41 17	09 08 29	4.1	-0.28	0.39 0.39
2314	7106/1	10 42 23	08 47 52	3.9	—	—
2316	5528/4	10 42 30	-64 30 44	6.7	—	—

Number	Position			Hardness Ratio		
	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+ -
2319	4139/1	10 43 14	-64 46 37	4.0	0.14	0.32 0.33
2320	7106/2	10 43 22	08 43 09	6.4	0.11	0.12 0.12
2322	5793/1	10 43 55	14 00 50	5.1	—	—
2323	3442/1	10 44 13	35 31 50	4.6	0.40	0.16 0.16
2324	7106/3	10 44 14	09 19 32	5.1	0.24	0.17 0.17
2325	5528/5	10 44 29	-64 14 57	3.7	—	—
2327	5528/6	10 44 41	-64 00 29	6.1	0.25	0.17 0.17
2328	3442/2	10 45 07	34 50 56	4.7	0.07	0.17 0.17
2329	5793/2	10 46 06	14 11 04	7.0	0.34	0.13 0.13
2330	5793/3	10 46 14	14 42 35	5.6	—	—
2331	3442/3	10 47 01	35 38 00	6.9	0.10	0.10 0.10
2332	3936/1	10 47 03	33 14 57	3.7	0.57	0.16 0.17
2333	3442/4	10 47 09	35 32 39	7.7	—	—
2334	3442/5	10 47 23	35 18 06	10.7	0.24	0.08 0.08
2335	3296/1	10 48 05	00 33 29	3.9	0.33	0.39 0.42
2337	3442/6	10 48 09	34 59 41	5.0	—	—
2339	416/1	10 48 34	54 21 25	17.9	-0.63	0.04 0.04
2340	5369/1	10 49 00	-09 02 16	11.4	0.12	0.07 0.07
2341	3936/3	10 49 20	33 35 03	3.5	—	—
2342	5369/2	10 49 28	-08 49 19	4.4	—	—
2343	5369/3	10 50 09	-09 25 33	4.4	-0.16	0.18 0.18
2344	1168/1	10 50 22	-58 25 08	4.7	—	—
2345	6682/1	10 50 47	49 46 14	5.7	—	—
2346	10059/1	10 50 49	-62 00 06	8.6	—	—
2347	416/2	10 50 56	54 18 20	4.6	—	—
2349	7764/1	10 52 23	56 53 38	4.9	—	—
2350	1170/1	10 52 40	-56 50 02	4.3	0.50	0.20 0.21
2351	4025/1	10 52 42	-03 19 53	10.4	-0.24	0.08 0.08
2352	10294/1	10 53 02	-52 25 39	4.7	—	—
2353	4025/2	10 53 33	-03 10 23	4.5	—	—
2354	416/3	10 53 49	54 25 07	3.5	—	—
2355	4025/3	10 53 54	-03 19 11	5.3	0.56	0.24 0.24
2356	4025/4	10 53 54	-03 54 09	7.7	—	—
2358	915/1	10 53 58	07 18 01	7.6	-0.15	0.11 0.11
2358	916/1	10 53 59	07 17 48	5.3	-0.50	0.18 0.17
2360	4025/6	10 54 27	-03 21 30	8.4	0.57	0.11 0.11
2361	4025/7	10 54 40	-03 53 10	4.2	—	—
2362	4025/8	10 54 48	-03 35 26	8.3	-0.01	0.11 0.11
2363	5921/1	10 55 01	-52 01 37	3.9	0.51	0.37 0.37
2364	4025/9	10 55 08	-04 00 37	4.3	—	—
2365	10294/2	10 55 48	-52 10 52	31.1	-0.60	0.02 0.02
2365	5921/2	10 55 49	-52 10 50	23.0	-0.65	0.03 0.03
2367	7911/1	10 57 06	11 59 30	3.5	0.02	0.17 0.17
2368	6079/1	10 58 02	11 07 36	4.2	0.48	0.18 0.18
2369	1121/1	10 58 08	-22 25 59	3.6	—	—
2370	173/1	10 58 11	11 02 28	5.9	0.34	0.14 0.15
2370	6079/2	10 58 12	11 02 35	14.3	0.20	0.06 0.06
2371	7911/2	10 58 14	12 19 58	4.5	0.17	0.15 0.16
2372	6079/3	10 58 18	10 49 51	7.0	—	—
2373	1948/1	10 58 14	72 41 53	3.6	—	—
2374	1947/1	10 58 17	72 41 58	6.4	—	—
2374	5230/1	10 58 20	72 41 37	7.2	0.26	0.15 0.15
2374	6079/4	10 58 25	11 18 32	6.5	0.41	0.11 0.11
2374	173/2	10 58 25	11 19 07	5.2	0.54	0.13 0.14
2375	217/1	10 58 48	-22 27 21	5.8	0.82	0.10 0.11
2375	1121/2	10 58 48	-22 27 40	6.3	0.30	0.16 0.17
2376	7844/1	10 58 50	10 03 35	4.7	0.44	0.17 0.17
2377	1947/2	10 59 03	73 02 40	9.3	—	—
2377	5230/2	10 59 14	73 02 52	5.5	—	—
2378	7844/2	10 59 20	10 33 38	4.1	—	—
2378	6079/5	10 59 21	10 34 39	10.4	—	—
2378	173/3	10 59 21	10 33 48	6.6	—	—
2379	6079/6	10 59 25	10 55 24	5.0	0.42	0.17 0.18
2380	6079/7	10 59 26	10 44 33	3.9	0.23	0.45 0.45
2381	7844/3	10 59 34	10 09 57	5.1	-0.46	0.21 0.21
2382	1121/3	10 59 38	-22 36 26	4.6	-0.19	0.20 0.20
2384	4002/1	11 00 14	-26 47 56	3.5	—	—
2387	3249/2	11 00 22	45 07 57	4.5	—	—
2388	4047/1	11 00 28	28 14 39	4.6	0.43	0.24 0.24
2389	478/1	11 00 29	77 15 11	19.0	0.12	0.04 0.05

Table D Hardness Ratios

Number		Position			Hardness Ratio		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
2390	10350/1	11 01 01	- 77 17 33	5.3	—	—	—
2391	4047/2	11 01 31	28 31 23	4.2	—	—	—
2392	3249/3	11 01 36	45 19 26	28.4	-0.34	0.03	0.03
2394	3110/1	11 02 52	43 47 38	5.2	0.24	0.15	0.15
2395	1948/3	11 03 24	72 50 32	10.0	0.23	0.10	0.10
	1947/3	11 03 25	72 50 14	21.1	0.51	0.04	0.04
	5230/3	11 03 27	72 50 12	15.4	—	—	—
2397	10350/2	11 04 53	- 77 05 30	8.0	0.50	0.10	0.10
2398	3238/1	11 05 26	37 47 54	4.0	—	—	—
2399	10350/3	11 06 03	- 77 22 04	3.9	—	—	—
2400	7873/2	11 06 19	- 65 09 13	4.7	0.07	0.20	0.20
2402	10350/5	11 06 43	- 77 26 02	5.3	0.77	0.20	0.21
2403	10350/6	11 06 57	- 77 18 02	4.3	0.57	0.16	0.17
2404	10350/7	11 07 49	- 77 13 14	8.5	0.42	0.11	0.12
2405	6100/1	11 08 03	28 59 03	11.5	0.48	0.06	0.06
2406	6100/2	11 08 05	28 54 42	4.7	—	—	—
2407	4236/1	11 08 11	- 59 59 51	3.9	0.69	0.15	0.17
2408	3122/1	11 08 24	35 30 22	5.8	0.48	0.11	0.12
2409	10351/1	11 08 26	- 76 12 17	4.5	0.44	0.16	0.17
2410	6100/3	11 08 31	28 58 21	6.5	0.36	0.13	0.14
2411	10351/2	11 08 32	- 76 19 02	5.2	0.45	0.19	0.20
2412	6100/4	11 08 34	28 37 58	4.0	—	—	—
2413	3238/2	11 09 15	38 14 09	4.3	—	—	—
2414	7873/3	11 09 20	- 65 21 49	3.6	—	—	—
2415	3122/2	11 09 22	35 44 20	4.9	-0.27	0.18	0.18
2416	3122/3	11 09 49	36 05 22	8.2	-0.25	0.10	0.09
2418	10351/3	11 10 14	- 76 04 06	5.2	—	—	—
2419	2112/1	11 10 19	22 11 00	9.8	0.58	0.09	0.09
2420	7034/1	11 10 46	- 26 11 53	6.2	-0.06	0.13	0.13
2421	10351/4	11 10 54	- 76 28 00	4.9	0.07	0.17	0.18
2422	10351/5	11 10 56	- 76 20 53	5.6	-0.11	0.21	0.21
2423	10350/8	11 11 11	- 77 06 22	4.2	-0.11	0.20	0.20
2424	4923/1	11 11 38	- 37 24 40	16.0	0.43	0.05	0.06
2425	4923/2	11 11 53	- 37 54 24	5.9	—	—	—
2426	488/1	11 11 54	40 53 41	11.8	-0.13	0.08	0.08
2427	1844/1	11 12 33	29 32 14	4.2	—	—	—
2428	488/2	11 12 35	40 59 31	14.5	-0.23	0.06	0.06
2429	5797/1	11 12 40	13 10 56	4.1	-0.07	0.18	0.18
2430	3927/1	11 13 24	18 40 49	7.6	—	—	—
2431	3927/2	11 13 55	17 57 45	3.8	—	—	—
2432	488/3	11 14 01	40 43 06	3.6	-0.26	0.17	0.16
2433	3927/3	11 14 16	18 19 34	6.8	0.42	0.16	0.16
2434	3927/4	11 14 16	18 25 52	4.9	—	—	—
2436	3927/6	11 14 26	18 01 04	4.1	0.45	0.22	0.22
2438	3927/8	11 14 38	18 14 07	17.5	-0.78	0.04	0.03
2439	3927/9	11 15 20	18 25 19	4.5	-0.10	0.24	0.23
2441	5355/1	11 15 42	08 02 14	4.1	0.17	0.17	0.17
2442	5152/1	11 15 49	14 03 49	3.6	—	—	—
2443	5339/1	11 16 30	21 35 42	14.7	-0.15	0.05	0.05
2445	5152/2	11 17 40	13 51 44	15.0	0.62	0.06	0.06
2446	3057/1	11 17 59	- 61 24 29	5.4	0.46	0.17	0.18
2450	817/1	11 19 01	- 60 20 49	38.3	0.82	0.02	0.02
2451	5152/5	11 19 02	13 28 41	5.8	—	—	—
2452	8428/1	11 19 12	12 00 52	12.2	-0.04	0.07	0.07
2454	10228/1	11 20 03	- 07 53 21	4.7	—	—	—
2455	10228/2	11 20 41	- 08 48 14	3.6	—	—	—
2456	10228/3	11 21 02	- 08 23 16	7.6	0.58	0.25	0.25
2458	233/1	11 21 24	21 45 46	8.3	0.47	0.07	0.07
2461	172/1	11 22 30	71 20 23	3.8	-0.38	0.27	0.27
2462	2646/1	11 22 49	54 39 18	5.5	-0.05	0.14	0.14
2464	172/2	11 24 27	71 23 58	4.6	0.28	0.14	0.15
2466	5231/5	11 25 18	43 24 40	5.0	—	—	—
2468	5231/6	11 26 48	43 26 48	5.8	—	—	—
2469	6293/1	11 26 59	56 16 28	4.2	—	—	—
2471	7301/1	11 27 36	- 14 32 37	6.6	0.58	0.12	0.12
	3443/1	11 27 36	- 14 32 22	5.5	—	—	—
	7300/1	11 27 36	- 14 32 46	7.6	0.55	0.12	0.13
2472	8936/1	11 27 44	- 65 38 29	5.9	0.60	0.13	0.14
2473	7300/3	11 27 53	- 15 02 42	4.9	—	—	—
2474	7300/2	11 27 50	- 14 18 28	7.6	0.34	0.08	0.08

Number		Position			Hardness Ratio		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
	7301/2	11 27 51	- 14 18 20	7.4	—	—	—
	3443/2	11 27 54	- 14 18 41	8.2	0.44	0.09	0.09
2475	3965/1	11 28 31	31 30 39	11.4	0.17	0.07	0.07
2476	6293/2	11 29 28	56 09 11	5.5	-0.20	0.16	0.16
2477	6293/3	11 29 35	56 14 52	13.3	0.38	0.06	0.06
2478	6293/4	11 29 36	56 01 01	4.0	—	—	—
2479	3965/2	11 30 13	31 19 08	4.2	—	—	—
2480	6120/1	11 31 18	49 19 58	4.9	0.09	0.20	0.21
2481	6120/2	11 31 24	48 55 38	5.4	0.13	0.14	0.14
2484	3468/1	11 32 40	21 53 21	3.7	—	—	—
2485	4237/1	11 33 24	- 62 44 37	6.0	-0.55	0.17	0.17
2486	4237/2	11 33 26	- 62 58 21	4.9	0.70	0.29	0.31
2488	5938/1	11 33 42	16 18 12	4.9	0.43	0.19	0.20
2490	3468/2	11 33 54	21 52 29	5.6	0.58	0.16	0.16
2492	8995/2	11 34 49	- 09 00 49	4.8	0.56	0.26	0.26
2494	8995/3	11 35 25	- 09 33 28	3.8	-0.14	0.15	0.15
2495	4237/3	11 35 29	- 63 02 28	9.3	0.48	0.10	0.10
2496	4237/4	11 35 47	- 62 48 54	6.9	0.56	0.14	0.14
2497	4237/5	11 35 52	- 62 55 13	6.2	0.45	0.14	0.14
2498	4237/6	11 35 59	- 63 05 45	11.1	0.48	0.08	0.08
2499	3530/1	11 36 33	34 13 16	14.1	-0.07	0.05	0.05
2500	8995/4	11 36 34	- 09 03 55	4.3	0.04	0.18	0.17
2502	6348/1	11 36 47	28 52 44	6.2	—	—	—
2503	5421/1	11 37 10	66 04 32	26.3	0.02	0.03	0.03
2504	4237/7	11 37 28	- 63 11 48	7.4	0.55	0.20	0.21
2505	5421/2	11 37 37	66 25 34	5.3	-0.14	0.15	0.15
2506	5534/1	11 37 53	- 43 54 35	4.8	—	—	—
2507	3207/1	11 38 05	52 16 27	9.1	0.23	0.10	0.11
2508	5356/1	11 38 08	04 00 37	4.0	0.26	0.18	0.18
2509	3530/2	11 38 27	34 28 57	12.9	-0.23	0.06	0.06
2510	5421/3	11 38 40	65 53 40	4.8	—	—	—
2511	6694/1	11 38 42	10 45 07	3.9	—	—	—
2512	6694/2	11 39 42	10 40 13	6.8	0.22	0.12	0.12
2513	7707/1	11 40 12	- 64 48 49	4.2	0.52	0.15	0.16
2515	6244/1	11 40 44	71 58 03	13.3	—	—	—
2517	3943/1	11 41 37	- 60 50 57	5.9	—	—	—
2518	6101/1	11 42 17	56 19 02	3.6	-0.51	0.24	0.23
2519	5421/4	11 42 25	66 10 54	4.4	—	—	—
2520	7707/2	11 42 29	- 64 21 57	8.5	0.17	0.11	0.11
2522	7618/1	11 42 49	- 04 09 27	13.4	0.45	0.07	0.07
2523	6101/2	11 43 00	55 57 58	6.3	0.07	0.14	0.13
2524	7618/2	11 43 30	- 04 11 02	8.6	-0.05	0.10	0.10
2525	10229/1	11 43 30	- 16 43 56	4.4	0.00	0.18	0.18
2526	5190/1	11 43 38	20 40 28	4.1	-0.07	0.16	0.17
2529	6101/4	11 44 31	55 59 32	5.4	0.55	0.19	0.20
2532	7712/1	11 45 09	01 05 22	6.3	-0.21	0.14	0.14
2533	7712/2	11 45 10	00 33 11	4.5	—	—	—
2534	5190/2	11 45 25	20 29 42	21.5	-0.03	0.04	0.04
2536	6101/6	11 46 11	55 53 06	3.5	-0.21	0.27	0.26
2537	5411/1	11 46 23	- 03 47 28	12.9	0.28	0.07	0.07
2538	5411/2	11 46 47	- 04 00 08	4.0	0.46	0.21	0.22
2539	3897/1	11 46 55	24 56 16	10.7	—	—	—
2543	3549/1	11 47 43	- 00 18 40	4.4	0.10	0.20	0.20
2544	4455/1	11 48 07	02 02 43	8.3	-0.35	0.11	0.11
2545	3549/2	11 48 10	- 00 07 31	5.4	0.47	0.16	0.17
2546	6244/2	11 48 22	71 25 01	5.1	—	—	—
2547	5800/1	11 48 30	- 28 31 23	7.0	0.35	0.11	0.12
2549	4605/1	11 48 33	35 33 14	4.9	-0.63	0.19	0.18
2552	8705/2	11 49 24	11 23 34	5.0	—	—	—
2553	7107/2	11 49 36	03 33 49	4.3	0.54	0.26	0.27
2554	7107/3	11 50 06	03 45 35	6.5	—	—	—
2555	308/1	11 52 46	23 41 10	16.1	0.31	0.05	0.05
2557	308/2	11 53 00	23 44 12	5.8	-0.15	0.15	0.15
2558	3636/1	11 53 09	71 57 01	4.3	-0.01	0.30	0.30
2559	7760/1	11 54 13	42 54 55	5.0	—	—	—
2561	4548/1	11 55 23	55 43 52	14.8	0.37	0.06	0.06
2562	5537/2	11 55 23	- 27 25 08	4.1	-0.55	0.18	0.17
2563	1847/1	11 55 56	26 46 30	3.8	0.24	0.22	0.23
2564	5232/1	11 56 36	53 23 08	6.4	-0.10	0.14	0.14
2567	8350/1	11 58 19	58 28 20	7.0	0.16	0.16	0.16

Table D Hardness Ratios

Number		Position			Hardness Ratio		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
2568	8350/2	11 58 31	58 35 24	4.1	—	—	—
2569	8350/3	11 58 34	58 43 28	4.5	-0.06	0.15	0.15
2570	4289/1	11 58 42	-03 23 59	26.4	0.06	0.03	0.03
2573	469/1	11 59 20	-18 34 54	6.2	0.42	0.15	0.16
	7054/1	11 59 20	-18 35 58	8.5	0.09	0.09	0.09
2574	8350/4	11 59 34	58 19 05	14.3	0.32	0.15	0.16
2576	4289/3	12 00 11	-03 30 04	4.0	—	—	—
2577	7054/2	12 00 18	-18 29 00	4.6	0.57	0.28	0.28
2581	4258/2	12 01 31	28 24 08	7.4	0.14	0.10	0.10
2584	4258/3	12 02 09	28 11 02	24.8	0.14	0.03	0.03
	6697/1	12 02 11	28 10 49	7.4	—	—	—
2585	255/1	12 02 31	63 51 53	3.7	—	—	—
2586	7487/1	12 03 45	-00 44 11	3.9	-0.16	0.24	0.23
2587	5538/1	12 03 47	-24 18 42	4.0	—	—	—
2588	4615/1	12 03 58	22 32 22	5.1	0.32	0.21	0.21
2589	6697/2	12 04 06	28 26 41	5.4	0.47	0.18	0.19
	4258/4	12 04 11	28 26 42	4.9	—	—	—
2590	5042/1	12 05 05	-62 10 48	5.9	—	—	—
2591	6697/3	12 05 20	28 19 31	5.0	—	—	—
2592	6865/1	12 05 44	68 27 31	9.5	0.02	0.10	0.10
2593	5801/1	12 05 44	-29 21 07	4.6	—	—	—
2594	5538/2	12 05 50	-24 27 05	11.4	-0.58	0.07	0.07
2595	6865/2	12 05 50	64 23 40	4.3	-0.05	0.37	0.37
2596	3966/1	12 07 01	32 40 29	6.4	—	—	—
2597	5412/1	12 07 01	39 58 55	3.9	0.17	0.20	0.20
2600	353/1	12 07 55	39 46 00	28.5	—	—	—
	352/1	12 07 56	39 45 44	15.4	0.23	0.06	0.06
2601	353/2	12 07 56	39 25 44	3.5	—	—	—
2602	5539/1	12 07 58	-01 01 07	6.2	—	—	—
2603	353/3	12 08 01	39 41 14	61.6	—	—	—
	352/2	12 08 02	39 41 01	36.4	0.40	0.02	0.02
2604	3966/3	12 08 06	32 13 52	6.9	-0.22	0.16	0.15
2605	352/3	12 08 14	39 25 15	3.6	—	—	—
	353/4	12 08 15	39 24 50	3.8	—	—	—
2606	353/5	12 08 18	39 45 12	12.2	—	—	—
	352/4	12 08 19	39 44 49	5.8	0.26	0.18	0.18
2607	353/6	12 08 36	39 24 45	6.8	—	—	—
2608	353/7	12 08 44	39 28 45	8.7	—	—	—
	352/5	12 08 46	39 28 10	3.6	0.52	0.16	0.16
2609	6974/1	12 08 52	13 26 09	4.5	0.14	0.19	0.18
2611	353/8	12 09 03	39 17 59	8.3	—	—	—
2612	5539/3	12 09 18	-01 14 30	4.0	0.27	0.19	0.19
2613	6974/2	12 09 21	13 05 24	4.1	—	—	—
2614	6978/1	12 09 34	15 05 59	4.3	0.34	0.22	0.22
2615	6977/1	12 10 23	10 45 26	4.0	—	—	—
2616	7473/1	12 10 37	12 22 31	3.6	—	—	—
2618	4303/1	12 11 19	13 27 08	4.6	0.29	0.14	0.14
2619	6979/1	12 11 37	15 04 55	4.5	0.41	0.20	0.21
2621	7473/2	12 11 51	12 05 53	8.0	—	—	—
2622	6979/2	12 11 52	14 55 30	5.5	—	—	—
2623	3922/1	12 11 53	33 28 48	3.6	0.39	0.30	0.31
2624	6978/2	12 11 59	15 20 59	4.8	0.10	0.26	0.26
	6979/3	12 12 00	15 21 00	3.8	-0.19	0.28	0.28
2625	6979/4	12 12 07	15 01 02	3.8	—	—	—
2626	3922/2	12 12 34	33 28 39	10.0	0.11	0.08	0.08
2627	4303/2	12 12 50	13 25 42	4.2	0.13	0.14	0.14
2629	5803/1	12 13 00	70 08 22	4.1	—	—	—
2632	4303/3	12 13 26	12 57 56	4.0	—	—	—
2633	5153/2	12 13 55	38 09 30	4.1	—	—	—
2635	5153/3	12 14 23	38 11 08	12.5	-0.03	0.08	0.08
2636	5153/4	12 14 28	38 00 33	5.6	0.29	0.15	0.15
2638	7036/1	12 14 43	28 06 50	8.1	—	—	—
2640	7816/2	12 15 05	36 58 29	3.7	—	—	—
2641	5803/3	12 15 07	69 32 18	8.2	-0.28	0.12	0.12
2642	7036/2	12 15 16	28 47 28	4.6	—	—	—
2643	3239/1	12 15 21	33 50 53	4.1	—	—	—
2644	2715/1	12 15 22	30 23 41	17.3	-0.17	0.05	0.05
2645	2715/2	12 15 29	30 49 53	3.8	-0.60	0.22	0.20
2646	4306/1	12 15 41	14 42 23	4.8	0.30	0.22	0.22
2648	2715/3	12 15 56	30 05 34	21.4	-0.09	0.04	0.04

Number		Position			Hardness Ratio		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
2649	7036/3	12 16 08	28 19 11	5.0	0.10	0.20	0.20
2650	4306/2	12 16 20	14 41 38	7.3	0.09	0.13	0.13
2651	7036/4	12 16 20	28 10 26	3.9	—	—	—
2652	532/1	12 16 23	02 16 21	4.5	-0.23	0.20	0.20
2654	5374/1	12 16 49	06 55 08	8.5	-0.07	0.10	0.10
2655	2672/1	12 16 50	06 06 24	6.1	0.26	0.12	0.12
2656	5374/2	12 16 59	07 00 06	6.3	-0.42	0.15	0.15
2659	2035/1	12 17 23	28 42 21	3.6	—	—	—
2660	5424/1	12 17 29	75 49 04	7.5	0.49	0.17	0.17
2661	9611/1	12 17 39	02 20 14	14.1	0.20	0.06	0.06
	532/2	12 17 39	02 20 31	19.8	0.10	0.04	0.04
	9613/1	12 17 39	02 20 12	14.2	0.08	0.06	0.06
	9610/1	12 17 39	02 20 16	12.0	0.05	0.07	0.07
	9612/1	12 17 40	02 20 13	13.2	0.10	0.06	0.06
2662	6984/2	12 17 54	12 43 38	4.9	-0.06	0.22	0.22
2663	9610/2	12 18 02	02 29 58	6.1	-0.07	0.16	0.16
2664	3239/2	12 18 05	34 00 02	7.1	0.52	0.13	0.14
2665	5424/2	12 18 05	75 38 49	11.8	0.34	0.07	0.07
	5233/1	12 18 14	75 39 07	4.1	—	—	—
2666	3239/3	12 18 11	34 04 08	5.6	-0.30	0.26	0.26
2667	5803/6	12 18 23	69 22 17	10.4	—	—	—
2668	4301/1	12 18 30	16 11 27	3.5	-0.03	0.22	0.21
2669	5424/3	12 18 38	75 22 26	8.7	0.30	0.12	0.12
2670	4305/1	12 18 45	14 44 44	4.5	0.28	0.18	0.18
2671	5313/2	12 18 47	-63 47 27	11.5	0.02	0.08	0.08
2672	5424/4	12 19 00	75 28 28	4.8	0.05	0.33	0.33
2673	2035/2	12 19 02	28 30 51	11.7	0.06	0.08	0.08
2674	3267/1	12 19 06	04 47 24	3.9	0.35	0.31	0.31
2675	5313/3	12 19 09	-63 30 51	3.9	—	—	—
2676	3267/2	12 19 23	04 45 02	3.5	0.17	0.23	0.23
2677	5424/5	12 19 34	75 35 23	65.6	0.13	0.01	0.01
	5233/2	12 19 40	75 35 35	24.8	—	—	—
2678	2035/3	12 19 45	28 38 15	3.6	0.49	0.36	0.38
2679	3267/3	12 19 49	04 30 00	7.7	0.43	0.12	0.12
2680	4305/2	12 19 53	14 41 57	5.6	0.29	0.14	0.14
2681	5424/6	12 19 55	75 42 39	7.4	0.25	0.16	0.16
	5233/3	12 20 05	75 42 55	4.6	0.65	0.33	0.35
2684	4301/2	12 20 24	16 05 53	4.2	0.21	0.20	0.21
2685	6988/1	12 20 28	17 14 34	3.7	—	—	—
2686	6988/2	12 20 45	16 48 49	3.7	0.47	0.20	0.20
2688	4301/3	12 20 57	16 02 06	5.5	0.25	0.24	0.24
2689	5313/4	12 21 00	-63 46 45	7.5	-0.05	0.14	0.14
2693	565/1	12 21 54	24 53 00	7.7	-0.10	0.10	0.10
2695	565/2	12 22 31	25 49 38	7.0	—	—	—
2700	6994/2	12 22 52	18 28 11	8.6	0.10	0.12	0.12
	2121/2	12 22 54	18 28 08	6.9	0.19	0.14	0.14
2702	565/3	12 23 08	25 15 05	7.3	-0.14	0.12	0.12
2705	565/4	12 23 34	25 22 55	6.6	-0.27	0.12	0.12
2708	6994/3	12 23 50	18 24 57	4.0	—	—	—
2710	3472/1	12 24 43	67 33 42	4.4	—	—	—
2711	1996/2	12 24 44	20 07 45	4.9	0.41	0.19	0.20
2712	5424/7	12 24 44	75 31 38	5.7	0.41	0.13	0.13
2720	3809/1	12 25 37	-63 04 10	15.5	—	—	—
2721	1996/3	12 25 41	20 40 16	4.3	0.34	0.16	0.17
2722	2123/1	12 25 45	44 23 04	5.6	0.13	0.14	0.14
2723	542/1	12 25 51	32 04 48	3.5	—	—	—
2726	6999/1	12 25 57	11 20 28	5.6	0.24	0.17	0.18
2727	7001/1	12 25 58	17 22 09	7.4	-0.01	0.12	0.12
2728	542/2	12 25 58	31 45 17	9.2	0.31	0.10	0.10
2730	470/1	12 26 34	47 53 34	3.6	—	—	—
2734	7001/2	12 27 14	16 56 24	3.8	-0.02	0.16	0.16
2735	4052/1	12 27 15	08 16 57	7.0	—	—	—
2736	6869/1	12 27 23	62 59 53	5.1	—	—	—
2737	6999/2	12 27 26	11 35 36	3.7	—	—	—
2738	3809/2	12 27 27	-63 39 23	3.8	-0.20	0.33	0.33
2740	5721/1	12 27 34	08 16 32	6.5	—	—	—
2741	5721/2	12 27 39	08 19 14	3.8	—	—	—
2742	3809/3	12 27 40	-63 01 32	5.8	—	—	—
2743	5721/3	12 28 03	07 49 39	6.7	0.01	0.16	0.16
2751	5721/6	12 29 03	07 51 05	4.3	0.54	0.16	0.16

Table D Hardness Ratios

Number		Position			Hardness Ratio		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
2754	6868/1	12 29 17	64 30 53	12.4	0.20	0.06	0.06
2757	5127/1	12 29 26	- 02 07 38	4.5	—	—	—
2759	5721/10	12 29 30	07 30 04	4.9	0.44	0.17	0.17
2760	3967/1	12 29 34	20 25 54	15.6	-0.05	0.05	0.05
2761	5721/11	12 29 38	07 25 14	5.6	—	—	—
2762	6869/2	12 29 38	62 52 22	4.2	0.37	0.19	0.19
2764	3967/2	12 29 56	20 39 36	6.7	-0.05	0.15	0.15
2765	4309/1	12 30 16	07 43 35	4.0	—	—	—
2766	6869/3	12 30 16	63 09 33	7.1	0.28	0.13	0.13
2767	5721/13	12 30 28	07 30 49	7.3	—	—	—
2768	5721/14	12 30 37	07 45 44	4.8	—	—	—
2770	4309/2	12 31 01	07 34 31	5.2	-0.24	0.16	0.15
2771	7795/1	12 31 22	15 42 13	4.3	0.67	0.20	0.21
2772	4309/3	12 31 24	08 04 55	5.9	-0.02	0.14	0.14
2773	4309/4	12 31 33	07 58 36	4.6	0.24	0.21	0.21
2776	4309/5	12 31 57	08 13 04	4.4	—	—	—
2777	1849/1	12 32 07	16 48 07	5.2	—	—	—
2778	9974/1	12 32 23	26 08 59	3.7	-0.37	0.16	0.16
2779	7795/2	12 32 25	15 50 47	6.9	0.17	0.12	0.13
2782	9974/2	12 32 52	26 12 29	6.2	—	—	—
2783	1849/2	12 32 58	17 16 48	4.5	—	—	—
2784	9974/3	12 33 00	26 29 01	4.3	—	—	—
2785	9134/1	12 33 02	02 11 04	3.9	—	—	—
2787	10243/1	12 33 21	74 26 56	5.6	0.26	0.18	0.17
2788	2664/1	12 33 21	- 39 35 10	3.8	-0.28	0.24	0.23
2790	9974/4	12 33 38	26 29 57	4.0	0.08	0.15	0.15
2791	1849/3	12 33 39	16 55 18	3.6	0.26	0.22	0.23
2792	1849/4	12 33 52	16 48 52	5.8	0.17	0.18	0.19
2793	9974/5	12 33 52	26 15 47	11.7	0.55	0.15	0.15
2794	1849/5	12 34 03	16 49 22	6.2	0.35	0.30	0.31
2795	9974/6	12 34 30	26 07 28	4.6	0.32	0.24	0.23
2797	9974/8	12 34 32	26 32 25	5.1	—	—	—
2798	6871/1	12 34 47	63 28 11	10.4	0.50	0.07	0.07
2799	9974/9	12 34 56	26 37 25	5.2	—	—	—
2800	9159/1	12 34 58	66 51 25	4.6	—	—	—
2803	6871/2	12 35 27	63 15 42	13.2	—	—	—
2804	9974/10	12 35 32	26 36 50	4.5	-0.21	0.22	0.22
2805	9974/11	12 35 32	26 07 18	4.0	0.36	0.16	0.17
2807	6470/1	12 35 57	- 26 47 01	5.8	—	—	—
2808	6054/1	12 36 20	- 40 54 10	4.9	—	—	—
2809	6054/2	12 36 35	- 40 47 51	5.0	0.46	0.17	0.17
2810	2492/1	12 36 51	24 48 12	5.9	—	—	—
2811	6054/3	12 36 57	- 40 27 49	6.1	0.36	0.20	0.21
2813	4036/1	12 37 06	- 10 07 08	3.9	-0.04	0.27	0.27
2814	2127/2	12 37 24	- 11 20 41	13.3	0.44	0.06	0.06
2814	2128/2	12 37 24	- 11 20 43	6.5	0.36	0.11	0.12
2816	6054/4	12 38 00	- 40 30 58	3.6	0.20	0.52	0.53
2817	6054/5	12 38 08	- 40 26 49	4.3	-0.11	0.26	0.25
2819	145/1	12 38 34	18 49 45	3.9	0.47	0.27	0.28
2821	145/3	12 38 51	18 51 47	5.3	—	—	—
2823	471/1	12 39 11	33 06 40	3.7	0.51	0.17	0.18
2824	471/2	12 39 18	32 19 18	4.4	—	—	—
2826	471/3	12 39 32	32 48 31	6.7	0.52	0.14	0.14
2827	6055/1	12 39 35	- 40 22 17	5.9	0.17	0.14	0.14
2827	6054/7	12 39 36	- 40 22 16	4.3	—	—	—
2828	7256/1	12 39 53	- 62 46 35	12.1	—	—	—
2830	7013/1	12 40 22	13 31 54	9.8	0.40	0.09	0.09
2830	7014/1	12 40 23	13 31 40	8.8	0.16	0.12	0.12
2834	471/4	12 41 03	32 39 59	3.8	—	—	—
2835	2130/2	12 41 08	11 49 42	23.5	0.40	0.03	0.03
2835	2129/2	12 41 09	11 49 57	17.0	0.23	0.04	0.04
2837	5343/1	12 41 32	17 10 35	3.9	0.63	0.19	0.20
2838	6874/1	12 41 38	70 21 51	5.4	-0.46	0.18	0.17
2839	2130/3	12 41 39	11 50 41	4.7	0.15	0.20	0.20
2840	5343/2	12 41 41	17 37 28	4.6	0.12	0.19	0.19
2841	7256/2	12 41 42	- 63 15 25	5.6	—	—	—
2842	6055/2	12 41 43	- 40 22 37	8.1	0.01	0.12	0.12
2845	6055/5	12 41 49	- 40 06 43	5.0	0.09	0.10	0.10
2847	6875/1	12 42 13	59 33 20	3.6	-0.69	0.21	0.20
2848	3241/2	12 42 14	16 32 54	12.6	0.07	0.07	0.07

Number		Position			Hardness Ratio		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
2849	5343/3	12 42 29	17 49 18	4.6	—	—	—
2850	6875/2	12 42 30	59 12 38	11.1	—	—	—
2853	7018/1	12 44 02	13 59 16	3.5	0.15	0.28	0.28
2854	8433/1	12 44 02	02 38 51	15.6	-0.29	0.05	0.05
2855	3473/1	12 44 11	71 14 27	4.6	—	—	—
2856	2134/1	12 44 30	- 05 18 45	3.5	—	—	—
2858	7018/2	12 45 18	14 02 45	8.5	0.26	0.12	0.12
2859	6875/3	12 45 20	59 28 35	6.2	0.19	0.16	0.16
2860	2134/2	12 45 59	- 05 31 58	5.4	0.19	0.15	0.15
2863	3980/1	12 46 24	37 58 31	4.1	—	—	—
2865	7913/1	12 46 30	60 35 31	19.9	-0.22	0.04	0.04
2866	529/2	12 46 31	34 41 01	7.2	0.04	0.13	0.13
2867	4004/1	12 47 01	- 05 48 06	11.6	-0.08	0.08	0.08
2869	479/1	12 47 22	56 47 02	3.6	—	—	—
2870	4004/2	12 48 03	- 06 00 49	5.1	0.30	0.35	0.35
2872	479/2	12 48 46	57 06 15	6.6	—	—	—
2873	7025/1	12 49 10	11 16 21	3.6	—	—	—
2874	3917/1	12 49 16	27 49 00	14.6	—	—	—
2877	7039/2	12 49 48	- 00 55 16	5.7	0.29	0.25	0.25
2878	7024/1	12 50 05	12 01 58	3.5	0.07	0.14	0.14
2879	479/3	12 50 14	56 50 41	8.4	0.06	0.16	0.16
2881	7025/2	12 50 18	11 46 03	6.8	0.25	0.14	0.14
2881	7024/2	12 50 20	11 45 36	7.2	-0.05	0.14	0.14
2882	7024/3	12 50 24	11 29 50	4.1	-0.12	0.15	0.15
2883	7039/3	12 51 02	- 00 31 39	4.6	—	—	—
2884	4645/1	12 51 32	- 05 33 13	4.2	-0.00	0.10	0.10
2887	444/1	12 52 00	- 12 17 59	3.8	—	—	—
2889	4037/1	12 52 09	11 57 18	6.9	0.26	0.13	0.14
2890	4645/2	12 52 27	- 04 56 59	5.2	—	—	—
2891	5390/1	12 52 33	36 06 28	3.6	—	—	—
2893	5390/2	12 52 59	35 55 20	24.7	-0.14	0.04	0.04
2894	5390/3	12 53 05	35 33 37	3.7	-0.40	0.14	0.14
2895	5390/4	12 53 06	35 36 52	14.8	—	—	—
2896	3917/2	12 53 16	27 31 30	12.5	-0.50	0.06	0.06
2897	5390/5	12 53 21	35 27 40	7.6	—	—	—
2898	4645/3	12 53 28	- 05 18 52	3.5	-0.29	0.21	0.21
2899	3917/3	12 53 32	27 40 50	6.6	-0.03	0.15	0.15
2900	4645/4	12 53 36	- 05 31 00	46.7	0.30	0.02	0.02
2902	839/1	12 53 39	38 35 18	4.2	-0.47	0.18	0.17
2903	5390/6	12 53 55	35 39 20	5.6	—	—	—
2904	5375/1	12 53 56	04 56 07	5.0	0.37	0.16	0.17
2905	5390/7	12 54 07	35 58 43	14.5	-0.13	0.07	0.07
2906	4645/6	12 54 18	- 05 18 10	3.7	-0.43	0.32	0.32
2907	2136/1	12 54 18	21 57 42	6.5	-0.35	0.14	0.14
2910	2136/2	12 54 31	22 09 49	4.7	-0.55	0.19	0.18
2911	9156/1	12 54 34	02 07 03	6.2	—	—	—
2912	3176/1	12 54 36	22 18 40	18.7	-0.79	0.03	0.02
2912	2136/3	12 54 36	22 18 34	18.5	—	—	—
2913	5390/8	12 54 47	36 16 15	7.0	—	—	—
2914	5390/9	12 54 48	35 38 23	7.8	0.05	0.10	0.10
2915	9156/2	12 54 53	01 42 17	5.8	-0.27	0.14	0.13
2916	5390/10	12 54 55	35 43 48	3.6	-0.06	0.16	0.16
2917	6471/1	12 55 07	- 70 12 31	7.1	—	—	—
2918	5390/11	12 55 07	35 59 37	14.0	-0.03	0.07	0.07
2920	445/1	12 55 19	35 29 37	10.2	-0.10	0.07	0.07
2921	2136/4	12 55 22	22 00 10	4.1	-0.35	0.34	0.33
2922	9156/3	12 55 46	01 48 07	5.6	-0.40	0.18	0.18
2923	5390/13	12 55 47	35 35 58	21.2	-0.01	0.04	0.04
2923	5391/1	12 55 47	35 36 13	19.9	0.02	0.04	0.04
2924	5391/2	12 56 06	35 44 55	13.7	—	—	—
2924	5390/14	12 56 07	35 44 51	11.1	-0.22	0.09	0.09
2926	9156/4	12 56 17	01 51 15	4.8	0.06	0.20	0.20
2927	839/2	12 56 17	38 33 25	7.9	—	—	—
2928	6876/1	12 56 36	65 38 09	6.1	0.58	0.12	0.13
2929	445/2	12 56 43	35 07 49	4.3	0.34	0.17	0.18
2933	5717/1	12 57 26	34 39 22	4.1	—	—	—
2934	10109/1	12 57 54	31 03 51	4.7	0.25	0.18	0.18
2939	10310/1	12 58 06	05 57 34	3.8	-0.24	0.21	0.20
2940	5990/1	12 58 18	12 38 35	24.2	-0.18	0.04	0.04
2941	9701/1	12 58 25	64 01 09	6.3	-0.17	0.13	0.12

Table D Hardness Ratios

Number		Position		Hardness Ratio			
CAT	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
2942	5391/6	12 58 40	35 39 00	18.4	—	—	—
	5392/1	12 58 41	35 39 16	8.5	—	—	—
2943	5391/7	12 59 05	36 00 54	4.3	-0.07	0.14	0.14
2945	5391/8	12 59 08	35 55 04	6.1	—	—	—
2948	5391/9	12 59 32	36 10 22	3.7	—	—	—
2949	5990/2	12 59 36	12 38 31	7.9	0.08	0.14	0.14
2951	5392/4	12 59 40	36 18 38	8.4	—	—	—
2952	9701/2	12 59 50	63 53 10	5.8	-0.32	0.14	0.14
2953	5545/1	13 00 17	02 11 41	4.0	—	—	—
2956	5392/6	13 00 24	35 48 15	13.6	0.34	0.07	0.07
2957	5392/7	13 00 26	35 53 50	4.6	-0.32	0.27	0.27
2958	5392/8	13 00 33	36 06 07	5.4	0.21	0.15	0.15
2959	5392/9	13 00 54	35 31 43	4.5	—	—	—
2960	5392/10	13 00 55	35 57 57	10.1	0.29	0.10	0.10
2961	5392/11	13 01 41	35 49 25	30.0	0.06	0.03	0.03
2962	5392/12	13 01 57	35 42 52	3.8	-0.10	0.12	0.12
2963	5392/13	13 02 05	36 07 38	3.5	—	—	—
2964	5392/14	13 02 11	35 27 04	3.7	—	—	—
2965	5392/15	13 02 26	36 04 55	5.4	-0.22	0.28	0.28
2966	3968/1	13 02 56	10 17 18	9.6	0.26	0.09	0.09
2967	7878/1	13 03 15	18 17 17	15.5	0.23	0.05	0.06
2968	2046/1	13 03 29	31 09 54	8.3	0.40	0.09	0.10
2969	5392/16	13 03 37	36 01 58	7.2	—	—	—
2970	2608/1	13 04 04	34 17 55	6.0	-0.61	0.14	0.14
2971	2608/2	13 04 47	34 40 30	14.2	-0.21	0.06	0.06
2972	5956/1	13 04 52	65 02 03	10.7	0.19	0.08	0.08
2973	3045/1	13 05 28	29 41 40	7.0	0.28	0.12	0.12
2974	1131/1	13 06 10	01 15 42	4.2	-0.06	0.17	0.17
2975	6123/1	13 06 43	01 20 11	6.0	0.46	0.08	0.08
	1131/2	13 06 43	01 21 18	6.3	0.27	0.11	0.12
	9224/1	13 06 46	01 21 29	7.2	0.42	0.10	0.10
2976	7735/1	13 07 04	12 10 34	6.7	0.12	0.19	0.20
2977	3045/2	13 07 15	29 15 32	5.5	—	—	—
2979	5204/1	13 08 05	32 36 53	8.5	—	—	—
	549/1	13 08 07	32 36 30	12.2	0.29	0.07	0.07
	5205/1	13 08 10	32 36 46	14.5	—	—	—
2980	3211/1	13 08 18	36 11 57	25.6	0.13	0.03	0.03
2981	5205/2	13 08 33	32 14 30	5.4	—	—	—
2982	6123/2	13 08 35	01 12 47	3.7	—	—	—
2983	5956/2	13 08 41	65 09 05	3.6	—	—	—
2984	6123/3	13 08 46	00 57 59	4.7	-0.09	0.24	0.24
	9224/2	13 08 47	00 59 21	3.5	—	—	—
2985	5204/2	13 08 53	32 44 12	5.4	—	—	—
2986	6123/4	13 08 55	01 04 31	34.8	0.40	0.02	0.02
	9224/3	13 08 55	01 04 44	16.3	—	—	—
2987	4260/1	13 09 05	05 22 59	4.4	-0.07	0.25	0.26
2988	5204/3	13 09 11	32 08 17	6.0	—	—	—
2989	6723/1	13 09 20	41 41 44	3.9	—	—	—
2990	4457/1	13 09 31	28 07 58	10.8	-0.43	0.07	0.07
2991	5204/4	13 09 31	32 43 52	3.8	0.10	0.33	0.33
2992	6123/5	13 09 37	00 38 01	5.4	—	—	—
2993	6123/6	13 09 42	00 42 37	6.5	0.26	0.11	0.11
2994	5205/4	13 09 44	32 29 20	3.5	-0.24	0.20	0.19
2995	5205/3	13 09 40	32 21 30	4.0	-0.05	0.31	0.30
	549/2	13 09 44	32 21 25	4.4	-0.09	0.32	0.30
2996	5128/1	13 09 50	36 00 57	4.2	—	—	—
2997	8434/1	13 10 28	10 51 51	9.3	0.29	0.09	0.09
2998	5128/2	13 11 06	36 50 49	10.6	—	—	—
2999	5204/6	13 11 07	32 10 44	4.4	0.04	0.20	0.19
3000	6878/1	13 11 24	73 10 54	4.2	0.48	0.41	0.43
3001	5128/3	13 11 44	36 33 01	4.2	—	—	—
3002	6721/1	13 12 09	42 20 57	12.2	—	—	—
3003	6878/2	13 12 14	73 14 59	8.6	-0.18	0.10	0.10
3004	5128/4	13 12 27	36 18 55	3.6	—	—	—
3005	5128/5	13 12 33	35 59 11	4.3	—	—	—
3006	6877/1	13 12 37	64 50 33	16.7	0.43	0.04	0.04
3008	6879/1	13 13 50	58 28 58	6.2	0.30	0.14	0.14
3010	3531/1	13 14 18	09 41 23	13.5	-0.24	0.06	0.06
3011	6878/3	13 14 44	72 57 15	5.2	-0.17	0.17	0.16
3014	8996/2	13 16 08	21 13 50	4.6	0.20	0.22	0.23

Number		Position		Hardness Ratio			
CAT	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
3015	9121/1	13 16 11	71 30 40	3.9	—	—	—
3016	7682/1	13 16 12	22 54 32	9.6	-0.05	0.09	0.09
3017	10244/1	13 16 35	12 01 42	4.9	—	—	—
3018	6722/1	13 16 41	42 29 37	6.5	-0.37	0.12	0.12
3019	10244/2	13 16 54	12 23 47	4.4	-0.21	0.24	0.24
3020	8996/3	13 17 02	21 11 28	5.4	0.28	0.16	0.16
3021	3120/1	13 17 20	43 09 59	6.8	—	—	—
3022	10244/3	13 17 22	12 13 39	8.7	-0.21	0.10	0.10
3023	8996/4	13 17 35	21 34 18	4.3	0.50	0.15	0.17
3025	525/1	13 18 20	29 28 00	5.2	—	—	—
3027	525/2	13 18 23	28 54 26	5.2	-0.21	0.15	0.15
3028	4981/1	13 19 03	11 01 02	3.7	0.66	0.30	0.32
3029	4970/1	13 20 38	47 03 39	14.5	—	—	—
3030	9703/1	13 20 50	04 30 45	5.2	—	—	—
3031	4493/1	13 21 37	42 39 59	3.8	-0.12	0.28	0.29
3032	2230/1	13 21 50	10 36 25	5.8	0.38	0.20	0.20
3033	9703/2	13 21 51	04 22 27	11.0	—	—	—
3034	9703/3	13 21 57	04 54 06	9.5	-0.13	0.10	0.10
3035	4493/2	13 22 00	42 52 16	4.2	—	—	—
3037	3982/1	13 22 20	29 25 47	4.9	-0.13	0.20	0.20
3038	4493/3	13 22 31	42 45 19	38.4	0.67	0.02	0.02
3039	4982/1	13 22 31	10 54 08	10.9	-0.72	0.06	0.06
	2230/2	13 22 34	10 53 48	15.7	-0.65	0.04	0.04
3040	4493/4	13 22 37	42 37 58	4.7	—	—	—
3042	4493/5	13 22 48	42 55 19	6.1	—	—	—
3043	4970/3	13 22 55	47 03 47	7.7	-0.17	0.14	0.14
3044	4493/6	13 23 03	42 49 30	7.4	0.65	0.10	0.11
3046	4970/4	13 23 10	47 13 20	4.0	0.54	0.29	0.29
3047	4493/7	13 23 10	42 39 57	3.6	—	—	—
3048	7469/2	13 23 17	61 52 26	25.3	0.95	0.02	0.02
3050	4970/6	13 23 53	47 13 48	6.8	0.51	0.17	0.17
3051	4493/8	13 24 00	42 25 58	4.6	—	—	—
3055	7469/3	13 25 32	61 38 43	5.3	0.20	0.14	0.14
3056	4493/9	13 25 36	42 26 07	5.9	—	—	—
3060	7635/1	13 26 12	58 28 30	4.8	—	—	—
3061	4970/9	13 26 19	47 07 04	10.9	—	—	—
3064	498/1	13 26 42	25 46 51	4.0	—	—	—
3065	235/1	13 27 27	32 09 01	6.1	-0.11	0.13	0.13
3066	476/1	13 27 30	46 20 46	7.5	-0.13	0.11	0.11
3067	7635/2	13 27 45	58 40 43	11.6	0.46	0.09	0.09
3069	491/1	13 27 53	30 59 23	4.0	0.13	0.16	0.16
3071	4924/1	13 28 11	54 42 59	9.5	0.76	0.07	0.08
3072	144/1	13 28 14	01 36 25	6.6	0.29	0.12	0.13
3073	498/3	13 28 17	25 24 44	7.7	0.14	0.13	0.13
3074	3212/1	13 28 25	24 29 27	13.1	0.28	0.06	0.07
3075	144/2	13 28 33	01 27 57	4.4	0.14	0.14	0.14
3076	235/2	13 28 35	31 35 01	7.8	-0.19	0.10	0.10
3077	491/3	13 28 49	30 45 55	7.9	0.35	0.12	0.12
3078	144/3	13 29 05	01 36 26	4.8	-0.33	0.19	0.18
3080	476/2	13 30 01	46 36 25	13.6	0.25	0.07	0.07
3081	1955/1	13 30 19	02 16 15	9.6	0.33	0.09	0.09
	1956/1	13 30 21	02 16 03	12.9	0.30	0.06	0.06
3082	917/1	13 30 35	08 11 07	10.5	—	—	—
3084	476/3	13 30 51	46 24 31	10.4	0.12	0.09	0.09
3086	476/5	13 31 19	46 36 40	3.6	—	—	—
3087	5376/1	13 31 26	17 40 36	5.9	—	—	—
3091	917/2	13 32 07	08 04 59	30.2	-0.11	0.03	0.03
3092	3930/1	13 32 07	41 38 06	6.9	-0.45	0.09	0.09
3094	588/1	13 32 08	29 39 54	5.2	—	—	—
3095	917/3	13 32 14	08 09 41	8.1	-0.33	0.12	0.12
3096	5547/1	13 32 15	03 57 51	3.5	—	—	—
3097	3969/1	13 32 16	55 17 12	3.6	0.06	0.22	0.22
3099	5376/2	13 32 36	17 28 55	3.6	-0.43	0.47	0.45
3100	588/2	13 32 42	29 35 29	18.0	—	—	—
3101	5376/3	13 32 48	17 29 36	3.8	-0.15	0.23	0.21
3103	3930/2	13 33 09	41 15 28	15.3	0.50	0.04	0.04
3106	5376/5	13 33 37	17 40 17	3.5	0.41	0.20	0.20
3109	5547/2	13 33 48	04 24 35	4.6	—	—	—
3110	5547/3	13 33 48	03 34 29	5.0	—	—	—
3111	3969/2	13 33 54	55 00 15	4.6	—	—	—

Table D Hardness Ratios

Number		Position			Hardness Ratio		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
3112	588/3	13 34 14	- 29 36 18	13.5	0.38	0.05	0.05
3113	5547/4	13 34 15	03 32 08	3.5	—	—	—
3114	588/4	13 34 30	- 29 38 25	5.9	0.16	0.18	0.18
3115	5547/5	13 34 38	03 51 46	8.7	0.29	0.18	0.18
3116	7168/1	13 35 00	- 12 42 10	10.2	0.50	0.08	0.09
3118	7061/1	13 35 07	- 31 28 57	4.3	0.42	0.18	0.18
3119	588/5	13 35 17	- 29 28 42	5.6	0.68	0.24	0.25
3120	6881/1	13 35 40	71 26 30	9.4	—	—	—
3121	588/6	13 35 54	- 29 18 25	6.0	-0.01	0.11	0.11
3124	1958/1	13 39 37	05 20 17	4.6	-0.37	0.21	0.20
	1957/1	13 39 40	05 20 39	4.1	-0.08	0.21	0.20
3125	5044/1	13 39 42	- 66 55 48	4.8	0.53	0.21	0.21
3126	496/1	13 39 54	60 31 05	5.3	-0.24	0.19	0.18
3128	6442/1	13 40 38	28 42 56	3.9	—	—	—
3129	6442/2	13 40 44	28 59 27	3.9	-0.21	0.29	0.29
3130	2990/1	13 40 47	- 61 04 47	7.3	—	—	—
3132	496/2	13 42 51	60 16 24	4.2	-0.51	0.16	0.15
3136	2990/2	13 44 08	- 60 22 01	10.2	—	—	—
	768/2	13 44 12	- 60 22 11	10.4	0.89	0.05	0.05
3137	3405/1	13 44 16	26 41 56	3.8	—	—	—
3143	4261/1	13 47 09	- 03 35 02	3.9	—	—	—
3145	5377/1	13 50 50	18 10 39	5.4	—	—	—
3146	3933/1	13 51 41	40 05 30	8.4	0.13	0.13	0.13
3148	2665/1	13 52 12	18 20 02	10.9	—	—	—
	5377/2	13 52 13	18 20 06	15.1	-0.15	0.05	0.05
	851/1	13 52 13	18 20 26	9.2	—	—	—
3150	2665/2	13 52 17	18 38 03	4.5	—	—	—
	5377/3	13 52 17	18 38 40	4.7	—	—	—
	851/2	13 52 19	18 38 35	5.0	-0.44	0.17	0.16
3153	2602/1	13 57 33	- 02 27 23	4.4	0.46	0.20	0.21
3154	9227/1	13 57 30	62 27 17	4.0	—	—	—
	7305/1	13 57 37	62 27 39	3.6	0.09	0.23	0.23
3155	8334/1	13 58 01	04 19 34	8.4	-0.07	0.12	0.12
3156	141/1	13 58 04	- 10 54 33	3.5	0.24	0.53	0.54
3157	9227/2	13 58 20	62 46 15	4.8	0.40	0.18	0.18
	7305/2	13 58 22	62 45 13	5.5	—	—	—
	7304/1	13 58 24	62 45 14	5.7	—	—	—
3158	141/2	13 58 56	- 10 53 03	9.1	0.53	0.07	0.07
3159	3151/1	13 58 57	41 09 09	4.9	-0.17	0.20	0.19
3160	8334/2	13 59 07	04 30 51	8.9	-0.13	0.10	0.10
3162	6037/1	13 59 56	- 04 36 47	6.7	0.21	0.12	0.12
3163	2231/1	14 00 14	- 60 08 03	14.5	-0.50	0.05	0.05
3165	3070/1	14 00 23	16 14 31	4.9	-0.01	0.15	0.15
3166	2140/1	14 01 04	54 54 00	3.6	—	—	—
3167	3717/1	14 01 08	04 46 16	5.4	—	—	—
3168	2141/1	14 01 03	54 34 01	4.1	0.50	0.18	0.19
	2140/2	14 01 08	54 33 52	7.4	0.25	0.12	0.12
3171	2140/4	14 01 24	54 34 34	5.9	0.00	0.14	0.14
3172	3717/2	14 01 36	04 48 58	4.5	—	—	—
3173	2141/3	14 01 38	54 34 16	5.3	-0.04	0.13	0.13
3174	6684/1	14 01 45	09 52 09	5.0	—	—	—
3176	3717/3	14 01 59	04 37 12	5.7	0.39	0.22	0.22
3177	3717/4	14 02 19	04 16 56	16.1	-0.20	0.06	0.06
3178	3154/1	14 02 20	- 61 35 13	7.9	0.37	0.11	0.11
3179	5379/1	14 02 20	26 27 17	4.7	-0.06	0.17	0.17
3180	3717/5	14 02 25	05 01 46	3.6	—	—	—
3181	2141/4	14 02 26	54 40 30	7.5	0.52	0.14	0.14
	2140/5	14 02 30	54 40 23	6.8	0.24	0.18	0.18
3184	4598/2	14 02 42	- 61 17 33	3.6	0.41	0.20	0.21
3185	5379/2	14 03 01	26 09 47	11.2	-0.23	0.07	0.07
3186	2141/5	14 03 31	54 39 25	8.0	0.09	0.10	0.10
3188	2140/6	14 03 55	54 25 25	5.9	—	—	—
3189	5380/1	14 04 05	22 38 05	4.0	-0.35	0.24	0.23
3190	8337/1	14 04 28	55 02 55	5.6	-0.05	0.18	0.17
3192	27/1	14 05 51	72 52 27	6.0	0.03	0.11	0.11
3193	4097/1	14 05 54	- 44 24 22	3.7	—	—	—
	4986/1	14 05 56	- 44 24 53	7.2	0.20	0.12	0.13
3194	4986/2	14 05 58	- 45 03 04	13.8	—	—	—
	4097/2	14 05 59	- 45 02 57	14.5	0.01	0.06	0.06
3195	6598/1	14 07 02	- 62 14 28	3.7	0.32	0.39	0.40

Number		Position			Hardness Ratio		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
3196	5381/1	14 07 09	26 32 40	10.9	-0.16	0.07	0.07
3197	27/2	14 07 25	72 35 29	16.5	0.36	0.05	0.05
3198	6598/2	14 07 32	- 61 41 45	4.5	-0.42	0.14	0.14
3199	6883/1	14 07 54	59 54 09	13.3	0.22	0.07	0.07
3200	5381/2	14 08 07	26 17 12	4.0	0.03	0.17	0.17
3202	3547/1	14 09 33	52 26 25	13.7	0.36	0.07	0.07
	271/1	14 09 35	52 26 17	6.1	0.44	0.16	0.17
3204	3547/2	14 10 36	52 39 39	4.6	—	—	—
3205	7204/2	14 10 38	- 02 58 22	38.4	0.86	0.01	0.01
	3063/1	14 10 39	- 02 58 23	21.4	0.89	0.02	0.03
	3062/1	14 10 39	- 02 58 20	19.9	0.85	0.03	0.03
	9502/1	14 10 41	- 02 58 23	26.1	0.90	0.02	0.02
3206	7204/3	14 11 04	- 03 10 08	4.1	0.18	0.21	0.21
3207	10107/1	14 11 07	- 00 36 42	5.2	-0.30	0.18	0.18
3208	3547/3	14 11 33	52 19 43	6.5	—	—	—
3209	5143/1	14 11 43	13 18 59	4.2	—	—	—
3210	4093/1	14 12 03	- 61 27 53	5.0	-0.29	0.16	0.15
	6604/1	14 12 07	- 61 27 19	3.6	—	—	—
3211	4098/1	14 12 28	- 44 46 11	5.2	—	—	—
3212	27/4	14 12 33	73 03 29	7.5	-0.15	0.14	0.14
3214	6885/1	14 12 43	71 40 15	4.2	-0.07	0.76	0.75
3215	5143/2	14 12 52	13 20 17	5.2	-0.06	0.22	0.21
3216	3307/1	14 12 56	- 21 46 26	7.9	—	—	—
3217	6885/2	14 13 13	71 32 36	7.7	0.36	0.08	0.08
3218	27/5	14 13 33	73 00 07	6.1	-0.04	0.12	0.12
3220	5143/4	14 13 52	14 00 49	8.6	-0.22	0.10	0.09
3221	7819/1	14 13 58	01 51 24	5.9	—	—	—
3222	7818/1	14 14 05	01 30 30	5.3	—	—	—
	7819/2	14 14 06	01 31 10	4.2	—	—	—
3223	3037/1	14 14 12	23 29 03	4.0	0.43	0.17	0.17
3224	7819/3	14 14 11	01 40 17	3.8	-0.04	0.21	0.21
	7818/2	14 14 14	01 40 36	4.3	-0.09	0.26	0.26
3225	6603/1	14 14 20	- 62 04 52	14.1	0.08	0.07	0.07
	10353/1	14 14 23	- 62 05 22	4.0	—	—	—
3226	7912/1	14 14 22	39 58 47	5.1	-0.13	0.19	0.18
3227	10387/1	14 14 52	- 12 47 11	4.1	0.19	0.24	0.24
	10389/1	14 14 52	- 12 47 13	3.6	0.42	0.22	0.23
	10388/1	14 14 53	- 12 47 16	3.8	—	—	—
	10373/1	14 14 53	- 12 47 10	4.4	0.33	0.20	0.21
3228	5143/5	14 14 57	13 37 16	4.7	—	—	—
3231	7637/1	14 15 26	56 40 36	9.1	—	—	—
3232	7912/2	14 15 32	40 03 11	3.8	0.07	0.27	0.27
3233	7679/1	14 15 36	- 18 51 02	3.8	—	—	—
3234	3551/1	14 15 40	53 54 09	3.9	—	—	—
3238	4897/1	14 16 20	- 12 57 00	14.1	0.48	0.06	0.06
	5347/1	14 16 21	- 12 56 39	16.8	0.53	0.05	0.05
	10373/2	14 16 22	- 12 56 54	22.6	0.43	0.04	0.04
	10387/2	14 16 22	- 12 56 48	20.6	0.41	0.04	0.04
	10389/2	14 16 22	- 12 56 54	21.8	0.39	0.04	0.04
	10388/2	14 16 23	- 12 57 00	17.7	0.39	0.05	0.05
	10386/1	14 16 23	- 12 56 55	20.0	0.50	0.04	0.04
3239	1959/1	14 16 33	- 19 36 35	5.5	—	—	—
3240	502/1	14 16 40	06 42 38	5.6	0.24	0.16	0.16
3244	1960/1	14 17 02	- 19 14 33	13.7	0.53	0.06	0.06
	1959/2	14 17 03	- 19 14 25	12.3	0.40	0.07	0.07
3245	2143/1	14 17 04	03 45 21	3.8	0.11	0.15	0.15
3248	10353/2	14 17 28	- 62 28 09	16.4	0.90	0.03	0.03
3249	7637/2	14 17 34	56 39 53	4.2	—	—	—
3250	10353/3	14 18 00	- 62 47 35	4.1	—	—	—
3252	27/6	14 18 05	73 09 53	8.4	—	—	—
3254	10353/4	14 19 39	- 62 19 25	5.3	0.49	0.17	0.18
3255	1851/1	14 20 07	48 42 28	4.1	0.23	0.24	0.24
3256	5557/1	14 20 09	29 56 36	8.6	-0.02	0.09	0.09
3257	1851/2	14 20 42	48 45 36	3.9	0.43	0.27	0.28
3258	5557/2	14 20 59	29 55 59	3.9	-0.21	0.35	0.35
3259	8440/1	14 21 32	63 21 44	8.2	-0.19	0.10	0.10
3260	1851/3	14 21 42	48 40 04	3.9	—	—	—
3261	5559/1	14 22 08	52 25 45	3.5	—	—	—
3262	4396/1	14 22 36	20 14 19	4.4	-0.13	0.22	0.23
3264	4144/1	14 23 18	01 04 31	4.0	—	—	—

Table D Hardness Ratios

Number		Position			Hardness Ratio		
CAT	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
3265	5559/2	14 23 30	52 04 41	36.8	-0.01	0.02	0.02
3266	3898/1	14 23 37	24 17 43	4.2	—	—	—
3268	8440/2	14 24 07	63 25 16	19.6	0.44	0.04	0.04
3270	7608/1	14 24 25	02 08 16	6.2	—	—	—
3271	3898/2	14 24 45	24 01 34	7.2	-0.06	0.14	0.14
3273	3971/1	14 25 23	26 45 36	5.0	0.55	0.20	0.21
3279	10393/1	14 26 25	01 57 43	4.1	0.31	0.15	0.16
	10391/1	14 26 26	01 58 05	4.1	0.50	0.17	0.18
	7608/2	14 26 27	01 58 25	7.9	0.31	0.10	0.11
3280	7608/3	14 26 33	01 30 32	20.5	—	—	—
	4143/1	14 26 34	01 30 27	13.9	0.18	0.06	0.06
	10391/2	14 26 34	01 30 30	25.5	0.04	0.03	0.03
	10392/1	14 26 34	01 30 27	26.0	0.07	0.03	0.03
	10390/1	14 26 34	01 30 26	24.5	0.11	0.03	0.03
	10374/1	14 26 34	01 30 34	22.4	0.14	0.04	0.04
	10393/2	14 26 34	01 30 21	26.7	0.08	0.03	0.03
3281	7608/4	14 26 46	01 50 40	5.6	—	—	—
3282	8468/1	14 26 58	10 52 37	10.2	0.34	0.09	0.09
3284	5252/1	14 27 08	43 37 00	4.0	—	—	—
3285	8468/2	14 27 28	10 34 01	4.5	—	—	—
3286	8468/3	14 27 44	10 56 51	8.2	0.32	0.14	0.14
3287	3300/1	14 28 14	07 32 53	6.2	0.37	0.15	0.16
3288	5252/2	14 29 30	43 56 56	4.8	0.64	0.25	0.26
3289	5252/3	14 29 40	44 05 37	6.9	0.67	0.11	0.11
3291	6361/1	14 30 28	05 27 19	8.2	-0.10	0.16	0.16
3292	6361/2	14 30 35	05 32 12	3.9	0.09	0.39	0.40
3293	3215/1	14 31 03	17 44 03	3.6	—	—	—
3296	6691/1	14 31 27	03 59 37	3.9	0.33	0.21	0.22
3297	6361/4	14 31 37	05 27 04	5.1	-0.12	0.19	0.19
3298	5562/1	14 32 33	29 57 59	4.8	-0.37	0.19	0.18
3299	3215/2	14 33 03	17 49 21	8.1	0.37	0.10	0.10
3300	2625/1	14 33 07	48 52 48	13.1	0.45	0.06	0.06
3301	6124/1	14 33 49	55 19 49	10.8	0.31	0.06	0.06
3302	6124/2	14 34 56	55 12 19	3.8	0.25	0.29	0.29
3303	6847/1	14 35 21	03 38 57	4.7	—	—	—
3305	5382/1	14 35 38	06 45 23	15.3	0.33	0.06	0.06
3307	6847/2	14 35 50	03 53 21	7.9	0.57	0.08	0.08
	369/1	14 35 52	03 52 42	5.4	0.59	0.13	0.14
3309	6443/1	14 36 52	26 28 54	5.0	-0.14	0.20	0.20
3310	6847/3	14 37 01	03 55 12	5.5	—	—	—
3311	6847/4	14 37 13	03 20 00	4.7	—	—	—
3312	237/1	14 37 31	28 29 26	4.4	0.17	0.18	0.19
3313	2232/1	14 37 46	47 13 32	4.5	-0.10	0.42	0.41
3314	6847/5	14 37 46	03 43 29	3.8	—	—	—
3315	6317/1	14 39 13	52 18 05	11.2	—	—	—
3316	5564/1	14 39 51	05 20 33	4.8	-0.29	0.27	0.27
3317	237/2	14 40 01	28 50 15	3.7	0.45	0.25	0.26
3318	6700/1	14 40 03	53 23 58	3.7	—	—	—
3319	6317/2	14 40 24	52 13 31	5.4	0.15	0.25	0.25
3320	5564/2	14 40 26	05 26 30	23.0	-0.07	0.04	0.03
3321	6317/3	14 41 20	52 21 58	3.8	0.35	0.18	0.18
3322	6317/4	14 41 25	52 14 28	17.6	0.28	0.05	0.05
3323	6317/5	14 41 45	52 08 27	8.8	-0.31	0.13	0.13
3324	6700/2	14 41 48	53 59 28	3.5	—	—	—
3325	4148/1	14 42 15	19 34 56	3.6	—	—	—
3327	6897/1	14 42 53	63 44 56	4.7	0.02	0.18	0.18
3328	6897/2	14 43 31	63 49 02	11.3	0.23	0.08	0.08
3329	5565/1	14 43 51	27 42 18	3.8	—	—	—
3332	5565/2	14 44 49	27 18 17	6.3	—	—	—
3333	3989/1	14 45 12	16 06 14	6.6	0.51	0.15	0.16
3334	6318/1	14 45 37	63 06 03	3.6	—	—	—
3335	6854/1	14 47 13	26 18 57	4.6	0.49	0.13	0.14
3337	4146/1	14 49 05	19 18 20	21.8	-0.40	0.04	0.04
3338	5927/1	14 49 48	68 03 46	8.4	0.35	0.09	0.09
3340	460/1	14 50 38	67 55 51	3.9	-0.47	0.32	0.32
3342	5927/2	14 50 54	68 19 34	4.4	-0.16	0.23	0.23
3343	6039/1	14 50 54	18 45 59	3.9	-0.25	0.36	0.36
3346	3586/2	14 51 32	21 39 37	5.0	—	—	—
3347	6039/2	14 51 41	18 42 15	3.6	0.27	0.26	0.26
3348	6039/3	14 52 08	18 42 35	5.4	0.27	0.29	0.28

Number		Position			Hardness Ratio		
CAT	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
3350	6039/4	14 52 13	18 50 40	22.0	0.47	0.03	0.03
3352	3585/1	14 53 09	22 53 13	4.3	—	—	—
3353	6888/1	14 53 25	68 17 28	3.7	—	—	—
3354	3585/2	14 54 04	22 33 34	4.4	—	—	—
3356	3585/3	14 55 01	22 32 30	20.1	0.52	0.04	0.04
3357	2949/1	14 55 17	31 27 48	7.6	0.51	0.13	0.14
3358	3584/1	14 55 45	21 21 51	9.6	—	—	—
3359	3584/2	14 56 28	21 47 47	4.8	—	—	—
	3582/1	14 56 28	21 48 05	9.6	0.13	0.07	0.07
3360	3269/1	14 56 29	04 28 27	6.0	0.46	0.14	0.15
3361	3582/2	14 57 00	21 08 22	3.6	0.26	0.17	0.18
3362	3583/1	14 57 03	22 26 00	9.4	0.14	0.11	0.11
3363	3582/3	14 58 04	21 33 44	26.8	0.51	0.02	0.03
3364	7741/1	14 58 07	08 32 45	3.5	0.43	0.18	0.19
3365	7741/2	14 58 17	08 19 16	12.2	0.37	0.06	0.07
3366	3583/2	14 58 49	22 49 44	10.8	—	—	—
3367	494/1	14 58 57	71 52 06	10.8	0.27	0.08	0.08
	2690/1	14 58 59	71 52 25	7.0	0.36	0.13	0.13
3368	3580/1	14 59 52	21 32 14	3.8	—	—	—
3369	3580/2	15 00 08	21 29 35	3.7	0.07	0.25	0.24
3370	3581/1	15 00 31	22 29 52	6.9	—	—	—
3371	1907/1	15 00 37	25 52 26	6.6	0.32	0.08	0.08
3374	6407/1	15 02 21	32 41 39	4.0	—	—	—
3376	4616/1	15 02 48	26 12 20	5.3	0.25	0.16	0.16
	1907/2	15 02 48	26 12 57	9.9	0.50	0.06	0.07
3378	1907/3	15 03 03	26 06 51	6.2	0.46	0.21	0.21
3379	7626/1	15 03 18	74 06 04	4.3	0.04	0.17	0.17
3381	7308/1	15 04 00	16 34 58	5.1	0.34	0.19	0.20
	7307/1	15 04 02	16 35 05	4.3	-0.06	0.33	0.34
3382	7308/2	15 04 16	16 40 34	4.6	—	—	—
	7307/2	15 04 16	16 40 45	4.1	0.63	0.18	0.20
3383	4060/1	15 06 31	22 01 04	3.7	0.38	0.30	0.31
3390	2052/1	15 10 09	08 54 37	10.5	0.60	0.07	0.07
	2053/1	15 10 10	08 54 50	11.7	0.59	0.06	0.07
3391	3216/1	15 10 31	39 12 24	3.7	—	—	—
3392	3216/2	15 10 34	39 02 24	6.1	—	—	—
3395	3216/4	15 11 39	38 45 22	8.8	0.15	0.09	0.10
3398	1909/1	15 12 28	25 51 25	6.7	0.19	0.10	0.10
3399	3973/1	15 12 28	36 47 35	4.6	0.12	0.20	0.20
3401	3973/2	15 12 48	37 01 57	11.9	-0.02	0.07	0.07
3402	7683/1	15 13 40	33 58 56	4.8	—	—	—
3403	7736/1	15 13 44	19 48 32	7.3	—	—	—
3404	3444/1	15 13 45	00 16 35	10.1	0.49	0.06	0.06
3406	3444/2	15 14 06	00 26 02	8.6	0.54	0.10	0.10
3408	1998/1	15 14 45	24 11 17	11.6	0.29	0.09	0.09
	1997/1	15 14 46	24 11 20	10.2	0.51	0.08	0.09
3409	7683/2	15 15 16	33 34 14	3.6	—	—	—
3410	137/1	15 16 02	06 34 38	3.6	0.30	0.32	0.33
3411	6891/2	15 16 17	72 03 52	4.2	0.20	0.18	0.17
3412	137/2	15 16 18	06 24 47	15.5	0.31	0.05	0.05
3413	841/1	15 16 42	68 27 15	5.0	0.58	0.16	0.17
3418	5383/1	15 19 01	22 38 44	8.2	-0.06	0.10	0.10
3422	1961/1	15 19 50	06 33 58	7.0	—	—	—
3424	10404/1	15 20 10	30 02 48	4.2	—	—	—
3425	4061/1	15 20 15	25 48 16	4.6	0.74	0.16	0.17
3429	1961/2	15 20 47	06 25 56	5.4	0.42	0.15	0.16
3431	7488/1	15 22 04	30 03 36	9.2	0.39	0.10	0.11
3432	10404/3	15 22 11	30 03 49	10.1	0.52	0.06	0.06
3433	10404/4	15 22 21	30 11 30	7.5	0.56	0.14	0.14
	7488/2	15 22 22	30 10 35	4.8	—	—	—
3435	792/1	15 24 23	10 09 45	3.5	0.18	0.49	0.49
3436	797/1	15 25 09	15 51 14	6.3	0.17	0.15	0.16
3437	1854/1	15 25 39	29 07 24	3.9	0.79	0.16	0.17
3438	3974/1	15 25 48	22 43 32	4.0	0.44	0.35	0.34
3439	1854/2	15 26 36	28 35 37	6.6	—	—	—
3441	4062/1	15 27 26	20 49 06	3.7	0.24	0.27	0.28
3442	6896/1	15 28 03	70 06 54	8.4	0.19	0.09	0.09
3443	799/1	15 28 30	08 44 58	5.9	-0.06	0.18	0.18
3446	799/2	15 29 12	09 03 16	4.4	—	—	—
3447	9027/1	15 29 41	08 21 49	13.7	0.49	0.06	0.06

Table D Hardness Ratios

Number		Position		Hardness Ratio			
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
3448	3121/1	15 29 42	24 24 41	3.8	-0.03	0.36	0.36
3450	6693/1	15 30 00	05 03 56	5.9	0.22	0.14	0.14
3451	6693/2	15 30 04	04 51 02	4.9	0.51	0.15	0.16
3452	804/1	15 30 37	13 42 48	6.5	—	—	—
3454	6688/1	15 30 54	15 10 59	4.3	0.38	0.19	0.20
3455	5708/1	15 30 56	01 34 57	3.7	—	—	—
3456	135/1	15 31 16	31 19 05	5.7	0.07	0.13	0.13
	7642/1	15 31 20	31 19 35	5.4	0.52	0.23	0.24
3458	135/2	15 32 16	30 44 43	4.6	—	—	—
3460	5708/2	15 32 20	01 40 50	6.1	0.07	0.14	0.14
3461	5708/3	15 32 26	01 30 55	3.8	0.35	0.18	0.18
3462	10464/1	15 32 43	23 39 02	4.6	0.07	0.16	0.16
3463	5708/4	15 32 55	01 56 27	3.8	—	—	—
3464	808/1	15 32 58	09 19 04	5.5	0.12	0.16	0.16
3466	7328/1	15 33 08	64 04 35	16.0	0.05	0.05	0.05
3468	813/1	15 33 32	14 41 16	5.2	0.33	0.18	0.19
3470	811/1	15 34 13	12 29 32	7.5	0.25	0.14	0.14
3471	5708/5	15 34 15	01 47 55	10.5	0.40	0.07	0.07
3472	813/2	15 34 26	14 22 31	3.5	0.14	0.23	0.23
3473	2627/1	15 34 41	54 48 01	5.1	0.08	0.20	0.20
	10549/1	15 34 42	54 47 33	4.5	-0.17	0.20	0.19
3476	3991/1	15 35 17	00 39 30	3.6	-0.06	0.24	0.25
3477	3217/1	15 35 32	29 49 15	4.1	—	—	—
3478	3991/2	15 35 46	00 29 03	3.7	—	—	—
3479	3217/2	15 36 02	29 38 29	4.7	0.49	0.18	0.18
3480	6646/1	15 36 15	59 45 53	3.6	—	—	—
3481	5733/1	15 36 19	66 36 23	4.8	—	—	—
3482	134/1	15 37 26	21 56 33	10.7	0.59	0.05	0.06
3484	239/1	15 37 45	34 34 49	8.7	0.47	0.09	0.10
3485	3072/1	15 38 01	15 13 36	3.7	-0.05	0.26	0.26
3486	3073/1	15 38 30	14 57 32	8.4	0.45	0.12	0.12
	7728/1	15 38 31	14 57 25	11.3	0.23	0.08	0.08
	3072/2	15 38 31	14 57 13	7.0	0.45	0.12	0.12
3487	3309/1	15 40 17	-66 32 05	11.7	0.49	0.07	0.07
3488	5733/2	15 40 30	66 25 55	4.7	0.14	0.21	0.21
3490	4192/1	15 41 57	36 41 02	5.2	0.19	0.14	0.14
3491	4192/2	15 42 20	36 22 47	5.2	—	—	—
3493	5733/3	15 43 04	66 37 21	4.0	-0.34	0.26	0.25
3494	4192/3	15 43 07	36 16 10	10.8	0.38	0.07	0.07
3495	6069/1	15 44 30	21 11 54	7.7	—	—	—
3496	3156/1	15 44 44	-53 31 11	6.2	0.46	0.10	0.11
3499	5397/1	15 45 22	03 05 10	5.9	—	—	—
3500	315/1	15 45 30	21 01 35	14.7	0.20	0.06	0.06
	240/1	15 45 30	21 01 32	24.4	0.17	0.04	0.04
	2054/1	15 45 31	21 01 36	16.3	0.22	0.05	0.05
	2055/1	15 45 31	21 01 34	13.5	0.27	0.06	0.06
	6069/3	15 45 32	21 01 33	35.2	0.28	0.03	0.03
3502	7609/1	15 46 46	25 58 35	3.8	—	—	—
3504	5397/2	15 46 59	02 46 05	17.2	0.44	0.05	0.05
3506	7609/2	15 47 04	25 48 01	3.9	0.05	0.17	0.18
3507	7609/3	15 47 30	26 13 14	29.3	-0.03	0.03	0.03
3508	2713/1	15 48 21	11 29 40	8.7	0.45	0.11	0.11
	524/2	15 48 22	11 29 41	12.7	0.31	0.06	0.07
3509	7171/1	15 48 40	05 46 45	9.4	-0.04	0.10	0.10
3510	524/3	15 48 45	11 25 15	7.3	0.34	0.12	0.13
3511	371/1	15 48 48	20 09 29	9.1	—	—	—
3512	7812/1	15 48 47	-53 17 43	4.7	—	—	—
	3158/1	15 48 50	-53 17 18	4.5	0.59	0.17	0.20
3513	371/2	15 49 50	20 22 50	12.6	0.17	0.06	0.06
3515	371/3	15 50 16	20 16 19	10.5	0.28	0.10	0.10
3517	3155/2	15 50 36	-54 55 09	6.8	0.83	0.09	0.10
3518	371/4	15 50 56	20 37 33	4.6	—	—	—
3519	3218/1	15 51 17	72 21 30	4.5	-0.25	0.23	0.23
3521	5936/1	15 52 03	-23 38 30	40.9	0.13	0.02	0.02
3523	371/5	15 52 12	20 20 34	17.3	0.33	0.05	0.05
3524	5936/2	15 52 21	-23 13 24	5.3	—	—	—
3525	7812/2	15 52 52	-53 16 14	4.5	0.32	0.19	0.20
3526	3839/1	15 52 52	-37 47 08	5.7	0.42	0.17	0.18
3527	2615/1	15 52 54	19 20 18	12.9	-0.02	0.08	0.07
3536	5936/7	15 54 38	-23 13 12	3.7	—	—	—
3537	3039/1	15 55 06	45 22 39	4.1	-0.40	0.25	0.23
3538	3039/2	15 55 17	45 28 27	3.8	0.63	0.16	0.17
3539	4264/1	15 55 32	33 13 21	4.3	—	—	—
3540	3189/1	15 56 14	25 59 48	7.6	—	—	—
3544	4264/2	15 57 00	33 32 04	3.7	-0.01	0.24	0.25
3545	5997/1	15 57 02	-22 12 29	4.6	—	—	—
3547	5997/2	15 57 21	-22 28 55	6.5	-0.03	0.12	0.12
3548	6832/1	15 58 04	41 23 29	4.1	—	—	—
3549	6835/1	15 58 19	41 38 51	4.9	0.65	0.27	0.27
3550	5997/3	15 58 28	-22 32 18	5.7	0.68	0.16	0.17
3551	4264/3	15 58 30	33 22 03	8.4	—	—	—
3552	4264/4	15 58 40	33 09 10	3.7	—	—	—
3553	4264/5	15 58 54	33 21 31	4.0	0.19	0.18	0.19
3554	3713/1	15 59 01	18 16 58	3.6	-0.08	0.13	0.13
3555	6835/2	15 59 06	41 39 37	4.8	0.69	0.20	0.20
3556	3986/1	15 59 07	33 24 26	4.2	-0.12	0.28	0.28
3557	5997/4	15 59 10	-22 46 44	4.7	0.34	0.20	0.21
3558	5997/5	15 59 13	-22 32 54	6.3	—	—	—
3560	6832/2	15 59 27	41 22 06	3.9	—	—	—
3562	3713/3	15 59 47	17 53 08	5.3	—	—	—
3563	6835/3	15 59 48	42 03 02	5.3	—	—	—
3566	6835/4	16 00 09	41 59 39	4.0	-0.17	0.26	0.25
3567	6832/3	16 00 30	40 38 27	6.6	—	—	—
3568	161/1	16 00 44	25 29 04	8.6	-0.14	0.13	0.13
3570	5191/1	16 00 56	58 42 05	14.6	-0.22	0.06	0.06
3571	6832/4	16 01 07	41 19 58	4.6	0.15	0.16	0.16
3573	5022/1	16 01 24	66 56 18	25.1	-0.78	0.03	0.02
3574	6832/5	16 01 54	41 25 04	4.1	-0.12	0.23	0.23
3577	3713/4	16 02 20	17 51 56	16.9	—	—	—
3581	2606/1	16 02 51	24 04 09	7.8	0.58	0.08	0.08
3589	4607/1	16 03 42	26 00 06	6.9	—	—	—
3596	7610/1	16 05 49	17 11 03	16.3	0.10	0.05	0.05
3598	7634/1	16 06 23	10 36 48	5.2	0.81	0.18	0.20
3600	5719/2	16 06 44	29 17 09	3.8	—	—	—
3601	5719/3	16 06 53	29 01 40	3.8	0.46	0.26	0.26
3602	10070/1	16 07 31	-18 56 53	5.3	0.47	0.11	0.12
3603	4510/1	16 08 15	-18 57 03	6.1	0.27	0.13	0.14
	10070/2	16 08 15	-18 56 56	14.0	0.20	0.06	0.06
3607	10070/6	16 09 06	-18 59 14	7.5	0.37	0.10	0.10
	4510/2	16 09 08	-18 58 50	4.3	0.24	0.22	0.23
3608	10070/7	16 09 11	-18 06 40	4.0	-0.28	0.15	0.14
3609	10070/8	16 09 13	-18 55 41	5.5	—	—	—
3610	10070/9	16 09 25	-19 01 09	5.6	0.10	0.09	0.09
3611	10070/10	16 09 47	-18 51 39	17.3	—	—	—
	4510/3	16 09 47	-18 51 36	10.8	—	—	—
3612	272/1	16 10 30	66 16 05	4.4	-0.44	0.34	0.33
3614	5581/1	16 11 51	-03 23 56	5.4	0.16	0.17	0.17
3616	2057/1	16 12 07	26 39 06	4.3	-0.13	0.20	0.19
3617	2057/2	16 12 09	26 12 04	11.6	0.13	0.07	0.08
	2056/1	16 12 10	26 11 58	11.7	0.15	0.08	0.08
3620	7309/1	16 13 04	34 01 05	3.6	—	—	—
3621	4526/1	16 13 05	-06 01 08	13.8	0.67	0.04	0.04
3622	3548/2	16 13 21	31 05 50	9.8	0.12	0.11	0.11
3624	272/2	16 13 37	65 50 32	18.9	—	—	—
	10397/1	16 13 37	65 50 36	17.8	0.06	0.05	0.05
	10396/1	16 13 39	65 50 37	15.2	-0.03	0.05	0.05
	10375/1	16 13 39	65 50 51	13.8	0.04	0.07	0.07
3625	3548/3	16 13 38	30 55 03	8.2	0.25	0.16	0.17
3627	6319/1	16 14 07	32 39 42	4.8	0.03	0.19	0.19
3631	3548/4	16 14 55	30 52 47	7.3	—	—	—
3632	3548/5	16 14 58	31 14 13	5.7	—	—	—
3633	6319/2	16 15 07	33 06 01	4.2	-0.10	0.15	0.14
3635	3548/6	16 15 20	31 18 55	3.6	—	—	—
3636	322/2	16 15 31	35 01 31	8.6	0.46	0.13	0.14
3637	6319/3	16 15 48	32 29 51	11.5	0.65	0.08	0.08
3639	5150/1	16 15 52	-50 36 05	3.7	—	—	—
3640	322/3	16 15 55	35 16 04	3.6	-0.12	0.34	0.34
3641	7749/1	16 15 59	55 23 36	29.1	-0.10	0.03	0.03
3643	5150/2	16 16 36	-50 29 50	9.8	—	—	—
3644	1138/1	16 17 08	-75 24 32	3.6	—	—	—

Table D Hardness Ratios

Number		Position		Hardness Ratio				
CAT	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-	
3645	6319/5	16 17 09	32 37 19	4.0	—	—	—	
3646	5150/3	16 17 32	50 21 31	4.5	0.35	0.17	0.18	
3647	5350/1	16 17 57	17 31 34	6.8	0.35	0.12	0.13	
	484/1	16 17 58	17 31 52	8.6	0.14	0.16	0.16	
3648	484/2	16 18 07	17 43 36	5.9	0.68	0.14	0.15	
3650	4587/2	16 18 10	41 06 14	16.4	—	—	—	
3651	4587/3	16 18 22	40 58 34	6.9	—	—	—	
3652	5150/4	16 18 49	50 25 14	8.9	0.07	0.11	0.12	
3653	4527/1	16 18 55	25 53 02	5.1	—	—	—	
	3177/1	16 18 58	25 52 55	4.2	—	—	—	
3654	7749/2	16 18 55	55 40 47	3.7	—	—	—	
3657	6679/1	16 21 31	26 41 20	14.1	0.31	0.05	0.05	
	5720/1	16 21 33	26 40 41	5.3	0.13	0.11	0.11	
3658	6679/2	16 21 40	27 24 42	4.8	—	—	—	
3659	3828/1	16 22 00	25 14 37	3.6	—	—	—	
3660	4587/5	16 22 10	41 11 29	3.7	—	—	—	
3661	6679/3	16 22 15	26 56 50	8.6	0.24	0.12	0.12	
3662	9542/1	16 22 19	24 20 10	5.7	0.42	0.19	0.20	
	9541/1	16 22 20	24 20 19	4.2	0.42	0.21	0.22	
3663	3749/2	16 22 26	23 48 40	4.4	0.55	0.11	0.12	
3664	4587/6	16 22 31	41 21 34	5.7	—	—	—	
3665	495/1	16 22 32	23 52 08	3.8	0.43	0.30	0.30	
3666	6679/4	16 22 39	26 35 44	3.6	—	—	—	
3667	3749/3	16 22 47	24 44 06	7.9	0.27	0.10	0.11	
3668	3749/4	16 22 49	24 32 22	4.2	—	—	—	
	9542/2	16 22 50	24 32 30	10.8	—	—	—	
3669	10194/1	16 22 54	73 29 08	3.7	—	—	—	
3670	9541/2	16 23 00	24 23 37	3.5	—	—	—	
	9542/3	16 23 01	24 23 29	3.8	0.16	0.37	0.39	
3671	5720/2	16 23 01	26 25 03	3.9	—	—	—	
3672	3749/6	16 23 03	24 16 56	15.8	0.78	0.04	0.05	
	9542/4	16 23 04	24 16 49	15.0	0.74	0.05	0.05	
	9541/3	16 23 04	24 16 41	8.0	0.58	0.11	0.12	
3673	6679/5	16 23 04	27 15 09	4.6	—	—	—	
3675	6679/7	16 23 11	26 57 25	16.7	0.23	0.07	0.07	
	5720/3	16 23 11	26 57 15	6.5	0.09	0.20	0.20	
3677	3749/7	16 23 19	24 14 46	7.0	0.70	0.14	0.16	
3680	4053/1	16 23 27	27 12 05	6.0	0.01	0.15	0.15	
	5720/4	16 23 28	27 12 19	10.8	—	—	—	
	6679/9	16 23 30	27 12 18	26.7	—	—	—	
3685	9541/4	16 23 45	24 04 43	6.0	—	—	—	
	9542/8	16 23 47	24 05 17	7.1	0.47	0.12	0.13	
3687	3829/1	16 24 13	24 44 54	4.0	0.56	0.17	0.19	
	9542/9	16 24 13	24 44 56	5.4	—	—	—	
3688	9541/5	16 24 19	24 34 19	4.8	-0.01	0.16	0.16	
	9542/10	16 24 19	24 34 32	8.8	0.20	0.10	0.10	
3691	3828/2	16 24 34	25 20 10	6.4	0.56	0.14	0.14	
3692	6431/1	16 24 35	35 40 15	6.5	0.37	0.12	0.13	
3694	3749/11	16 24 39	24 15 21	8.6	0.34	0.11	0.11	
	9541/6	16 24 39	24 15 08	5.8	—	—	—	
	9542/13	16 24 41	24 15 08	5.3	0.19	0.14	0.15	
3695	9542/12	16 24 40	23 52 04	4.7	—	—	—	
3699	3828/3	16 25 26	26 02 35	3.9	—	—	—	
	857/1	16 25 27	26 03 12	6.0	0.86	0.13	0.14	
3700	857/2	16 25 31	26 12 34	6.7	0.33	0.18	0.18	
3701	9541/7	16 25 32	24 15 42	9.0	—	—	—	
3706	857/4	16 27 08	26 27 18	10.2	0.20	0.09	0.09	
3707	3830/1	16 27 34	24 27 51	7.3	0.63	0.12	0.12	
	8377/1	16 27 36	24 27 35	5.6	0.73	0.21	0.22	
3708	5584/1	16 28 04	21 35 32	10.8	-0.02	0.08	0.08	
3709	3830/2	16 28 13	24 27 24	6.5	0.55	0.12	0.13	
	8377/2	16 28 14	24 27 24	6.4	0.41	0.14	0.14	
3710	3830/3	16 28 18	24 23 38	9.2	0.73	0.08	0.09	
	8377/3	16 28 20	24 23 36	8.8	0.43	0.12	0.12	
3711	5584/2	16 28 33	21 40 58	5.1	0.00	0.41	0.41	
3713	3830/5	16 29 09	24 33 55	7.2	—	—	—	
	8377/4	16 29 09	24 33 58	5.1	0.44	0.17	0.18	
3715	5584/3	16 29 29	21 29 05	4.1	—	—	—	
3719	7980/2	16 30 10	48 00 23	25.4	0.42	0.03	0.04	
	3286/1	16 30 10	48 00 17	17.1	0.44	0.05	0.05	

Number		Position		Hardness Ratio				
CAT	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-	
3722	3286/2	16 31 45	47 59 39	6.8	—	—	—	
	7980/3	16 31 47	47 59 34	7.0	0.68	0.14	0.15	
3723	8349/1	16 32 13	26 42 52	9.0	—	—	—	
3726	8349/3	16 33 21	26 37 18	10.4	—	—	—	
3728	8349/5	16 33 44	26 30 19	7.1	—	—	—	
3730	7410/1	16 34 04	57 09 27	4.3	-0.17	0.32	0.32	
3731	7742/1	16 34 20	57 21 26	7.4	—	—	—	
	7410/2	16 34 20	57 22 10	19.8	-0.12	0.04	0.04	
3732	5105/1	16 34 24	10 27 50	10.6	0.21	0.08	0.08	
	5103/1	16 34 24	10 28 09	11.7	0.13	0.07	0.07	
	2224/1	16 34 25	10 27 53	9.2	0.18	0.10	0.10	
	5104/1	16 34 26	10 28 11	11.9	0.20	0.08	0.08	
3733	8349/6	16 34 33	26 54 09	13.9	0.39	0.07	0.08	
3734	8349/7	16 34 45	26 38 08	25.0	0.02	0.04	0.04	
3736	8349/8	16 35 02	26 51 21	16.3	-0.06	0.05	0.05	
3738	7742/2	16 35 34	56 53 26	8.5	—	—	—	
	7410/3	16 35 37	56 54 52	5.8	—	—	—	
3739	313/1	16 35 40	66 18 49	15.4	0.53	0.04	0.04	
3741	1910/2	16 37 53	82 38 23	25.9	0.46	0.04	0.04	
3742	3220/1	16 38 22	60 47 45	9.6	-0.11	0.09	0.09	
3743	8351/1	16 38 44	53 52 32	3.6	0.22	0.15	0.15	
3745	313/2	16 39 05	66 19 51	4.5	—	—	—	
3746	5694/1	16 40 05	39 40 49	6.0	-0.14	0.14	0.14	
3747	8351/2	16 40 07	53 49 49	7.5	-0.19	0.12	0.12	
3748	5694/2	16 40 12	40 07 28	3.6	—	—	—	
3749	273/1	16 40 36	62 24 08	5.6	—	—	—	
3752	5694/3	16 41 18	39 54 20	21.1	0.12	0.04	0.04	
3754	6328/1	16 41 35	17 21 20	9.8	0.42	0.09	0.09	
3755	5694/4	16 41 43	39 54 15	8.3	0.45	0.11	0.11	
3756	3357/1	16 42 06	25 20 28	3.6	0.02	0.28	0.29	
3757	2494/2	16 42 19	03 38 51	3.7	0.38	0.23	0.24	
3758	2494/3	16 42 27	03 13 11	5.0	0.32	0.22	0.23	
3759	2494/4	16 42 48	03 35 07	4.0	—	—	—	
3761	2494/5	16 44 10	02 58 33	4.2	0.29	0.14	0.14	
3762	10071/1	16 45 30	14 05 38	7.3	0.02	0.12	0.12	
	4511/1	16 45 31	14 05 53	3.8	—	—	—	
3763	4511/2	16 46 11	14 11 54	5.5	0.27	0.20	0.21	
	10071/2	16 46 12	14 11 44	9.5	0.29	0.11	0.11	
3764	10071/3	16 46 26	14 16 44	10.9	0.41	0.10	0.10	
	4511/3	16 46 28	14 17 00	4.2	0.28	0.17	0.18	
3765	1910/4	16 46 41	82 38 36	8.4	—	—	—	
3768	5076/1	16 48 06	41 08 34	7.3	0.33	0.14	0.15	
3772	5076/2	16 48 57	41 25 59	4.2	0.29	0.21	0.21	
3775	1910/5	16 49 35	82 35 37	4.8	—	—	—	
3776	5075/1	16 50 31	41 38 23	4.0	0.54	0.30	0.32	
3778	7829/1	16 50 37	53 30 44	3.9	—	—	—	
3779	5075/2	16 50 41	41 44 45	8.9	0.37	0.08	0.08	
3782	3052/1	16 52 46	40 35 13	4.0	0.43	0.20	0.22	
3785	7397/1	16 53 59	35 15 29	5.7	-0.05	0.12	0.12	
3786	7397/2	16 54 25	35 14 38	8.8	—	—	—	
3787	6451/1	16 54 26	04 15 51	11.1	-0.03	0.08	0.08	
3789	3997/1	16 55 45	07 46 09	7.0	0.77	0.14	0.15	
3790	3302/1	16 55 59	27 56 11	4.6	—	—	—	
3791	7397/4	16 56 03	35 25 09	30.5	0.09	0.03	0.03	
3793	1755/1	16 56 43	12 49 04	4.1	—	—	—	
3794	921/1	16 56 50	66 14 09	3.7	—	—	—	
3795	7397/5	16 57 07	35 24 17	4.3	—	—	—	
3796	4954/1	16 57 07	32 41 26	5.2	0.36	0.46	0.46	
3797	4503/1	16 57 17	41 34 52	10.6	—	—	—	
3798	4503/2	16 57 22	42 04 56	5.1	—	—	—	
3799	4954/2	16 57 52	32 41 43	15.7	0.42	0.05	0.05	
3800	4954/3	16 58 27	33 01 37	5.8	—	—	—	
3801	7398/1	16 58 44	37 37 52	4.6	0.25	0.22	0.22	
3802	1142/1	16 59 01	33 29 01	6.4	-0.08	0.16	0.16	
3804	2628/1	16 59 11	29 28 49	8.9	0.23	0.10	0.10	
3805	1142/2	16 59 14	34 08 15	10.6	0.15	0.08	0.08	
3806	7398/2	16 59 24	37 55 31	3.5	0.39	0.26	0.26	
3807	7398/3	17 00 34	37 46 27	18.2	0.73	0.04	0.04	
3808	1142/3	17 00 36	33 31 02	4.9	-0.19	0.18	0.18	
3809	1142/4	17 00 57	34 09 19	7.1	—	—	—	

Table D Hardness Ratios

Number		Position			Hardness Ratio		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
3810	5945/1	17 01 02	- 18 53 59	3.8	0.70	0.26	0.27
3811	7398/4	17 01 06	- 38 04 50	3.6	—	—	—
3813	510/1	17 01 30	61 03 01	6.9	—	—	—
	4208/1	17 01 32	61 03 10	7.6	0.27	0.12	0.13
	5716/1	17 01 33	61 02 53	7.6	-0.18	0.13	0.13
	5688/1	17 01 36	61 03 08	13.0	—	—	—
	2062/1	17 01 37	61 02 59	6.2	—	—	—
3814	7666/1	17 01 47	49 14 00	4.5	-0.07	0.19	0.18
3815	7398/5	17 01 58	- 37 23 33	5.7	0.24	0.11	0.12
3816	5935/2	17 02 06	- 19 11 21	4.2	—	—	—
3821	7398/6	17 03 04	- 37 45 12	14.7	—	—	—
3823	5935/3	17 03 14	- 18 33 38	4.0	—	—	—
3824	5688/3	17 03 19	60 49 06	6.8	-0.25	0.12	0.12
3826	9972/1	17 03 43	24 17 00	10.6	0.22	0.09	0.09
	1143/1	17 03 45	24 17 13	3.6	-0.39	0.38	0.39
3828	3065/1	17 04 00	60 48 35	3.8	—	—	—
	4208/2	17 04 01	60 48 50	6.7	0.06	0.14	0.14
	2063/1	17 04 02	60 48 46	6.3	0.09	0.17	0.17
	510/2	17 04 02	60 48 32	6.8	0.47	0.15	0.15
	5716/2	17 04 03	60 48 55	8.1	0.51	0.12	0.12
	2062/2	17 04 05	60 48 27	8.8	0.37	0.13	0.13
	5688/5	17 04 05	60 48 38	25.8	0.35	0.04	0.04
	9378/1	17 04 05	60 48 21	6.3	0.35	0.16	0.16
3829	7667/1	17 04 10	48 57 08	3.8	—	—	—
3830	3811/1	17 04 17	54 32 07	12.8	-0.30	0.06	0.06
	7663/1	17 04 19	54 32 18	10.8	-0.39	0.08	0.07
	7665/1	17 04 20	54 32 28	9.4	-0.31	0.08	0.08
3831	9972/2	17 04 29	24 02 21	39.6	0.50	0.02	0.02
	1143/2	17 04 30	24 02 26	25.9	0.49	0.03	0.03
3832	3670/1	17 04 30	71 07 54	3.5	—	—	—
3836	9378/2	17 04 57	60 46 12	4.2	0.33	0.26	0.25
	2062/3	17 04 57	60 46 28	4.1	-0.29	0.31	0.30
	510/3	17 04 57	60 46 10	4.1	0.38	0.25	0.26
	5688/7	17 04 58	60 46 23	20.1	0.11	0.05	0.05
	2063/2	17 04 58	60 46 28	4.3	-0.04	0.18	0.17
	5716/3	17 04 59	60 46 20	6.0	—	—	—
	3065/2	17 04 59	60 46 24	4.5	-0.05	0.17	0.17
3837	7663/2	17 05 32	54 43 30	5.3	-0.39	0.18	0.17
3839	5688/8	17 06 16	60 38 58	4.5	—	—	—
3841	5688/10	17 06 46	60 35 13	6.5	—	—	—
3843	29/1	17 07 30	70 42 23	3.8	—	—	—
3846	2495/1	17 08 09	- 16 57 03	4.7	—	—	—
3847	7667/2	17 09 08	49 01 44	11.5	—	—	—
	7885/1	17 09 09	49 01 36	12.1	—	—	—
3848	7663/3	17 09 11	54 33 11	5.2	-0.22	0.18	0.18
3849	3090/1	17 09 22	39 45 20	6.8	0.55	0.11	0.12
3850	7885/2	17 09 37	48 22 56	4.7	0.03	0.15	0.15
3852	29/3	17 09 55	71 00 40	6.5	0.19	0.20	0.20
3853	8672/1	17 10 02	64 14 55	5.3	—	—	—
3854	7846/1	17 10 53	16 24 48	6.6	0.60	0.14	0.15
3855	8672/2	17 11 01	64 20 22	8.4	—	—	—
3856	29/4	17 11 02	70 54 55	3.6	-0.20	0.15	0.15
3858	7846/2	17 11 44	16 24 37	9.9	0.26	0.09	0.09
3861	29/6	17 12 01	71 11 49	9.8	-0.26	0.19	0.19
3862	3670/4	17 12 10	71 14 34	9.4	0.30	0.13	0.13
3863	29/7	17 12 12	71 27 11	3.9	—	—	—
3864	29/8	17 12 14	70 53 37	3.6	—	—	—
3870	29/9	17 13 10	71 10 58	12.8	—	—	—
	3670/5	17 13 12	71 10 58	10.7	-0.28	0.09	0.09
3871	8672/4	17 14 02	65 09 31	6.6	—	—	—
3872	6373/1	17 14 15	- 63 00 36	3.6	-0.45	0.35	0.34
3873	8672/5	17 14 25	64 45 22	14.1	0.15	0.08	0.08
3875	7481/1	17 16 19	17 50 16	3.7	0.25	0.22	0.22
3877	3007/1	17 16 23	- 36 02 27	4.4	0.55	0.20	0.21
3880	7481/2	17 17 00	17 48 07	12.6	0.58	0.07	0.07
3882	8672/6	17 17 29	64 34 52	3.9	—	—	—
3883	4951/1	17 17 55	49 01 52	11.5	0.66	0.07	0.08
3884	3091/1	17 17 55	26 32 50	16.6	-0.04	0.05	0.05
3885	3091/2	17 18 11	26 40 28	21.6	0.51	0.03	0.04
3891	3091/3	17 19 29	26 50 38	6.3	0.33	0.17	0.18

Number		Position			Hardness Ratio		
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
3892	9017/2	17 20 32	32 11 35	8.5	—	—	—
3893	2629/1	17 20 46	30 55 42	16.4	0.45	0.05	0.05
3894	6042/1	17 21 09	78 04 17	7.1	0.45	0.09	0.10
3895	3130/1	17 21 12	- 56 19 48	8.6	0.29	0.12	0.12
3896	3975/1	17 21 33	34 20 47	22.6	0.19	0.04	0.04
3897	6042/2	17 21 35	78 00 10	4.2	0.48	0.28	0.28
3899	6456/1	17 22 25	- 48 32 46	4.4	0.11	0.19	0.20
3904	2524/1	17 24 28	- 26 15 52	5.1	0.79	0.19	0.21
3905	3130/2	17 24 33	- 56 08 21	5.0	0.31	0.16	0.16
3907	7660/1	17 26 00	59 58 38	3.9	—	—	—
3909	9389/1	17 27 04	50 15 46	23.3	0.25	0.04	0.04
3910	3796/1	17 27 25	- 37 15 30	4.8	-0.02	0.17	0.17
3912	3812/1	17 27 49	51 59 33	5.1	0.02	0.22	0.22
3913	3796/2	17 27 52	- 37 11 29	4.2	0.28	0.25	0.25
3918	3812/2	17 29 19	52 20 31	10.6	0.09	0.08	0.08
3919	3888/1	17 30 13	- 13 02 52	6.7	0.54	0.16	0.17
3920	3053/1	17 31 27	- 32 32 50	15.7	0.28	0.05	0.06
3921	842/1	17 32 41	12 35 36	3.7	-0.43	0.20	0.18
3927	8833/1	17 34 48	64 07 51	3.5	0.55	0.30	0.32
3929	8594/1	17 36 05	65 04 36	5.1	-0.07	0.19	0.18
3931	5606/1	17 37 13	68 47 28	7.5	—	—	—
	8844/1	17 37 13	68 47 05	7.8	-0.02	0.11	0.10
	7888/1	17 37 17	68 47 21	11.1	-0.33	0.07	0.07
3934	7174/1	17 39 15	51 51 35	7.1	—	—	—
3936	7174/2	17 39 30	52 13 01	4.8	0.32	0.20	0.20
3937	8803/1	17 39 52	67 12 37	4.4	—	—	—
3940	6820/1	17 42 23	61 46 37	3.7	—	—	—
3942	8772/1	17 42 53	66 08 34	3.7	0.10	0.19	0.19
3945	4422/1	17 43 23	28 18 02	4.6	—	—	—
3947	4422/2	17 44 31	27 44 52	8.3	-0.78	0.09	0.08
3950	4422/3	17 45 16	27 47 48	6.7	0.12	0.14	0.14
3952	8804/1	17 46 14	67 38 14	5.6	—	—	—
3954	6429/1	17 46 22	- 20 50 04	4.5	—	—	—
3956	6429/2	17 46 39	- 20 48 32	5.3	0.63	0.11	0.13
3958	6429/3	17 46 55	- 20 48 20	4.8	0.57	0.12	0.14
3959	6429/4	17 47 05	- 20 49 41	4.8	—	—	—
3960	2630/1	17 47 19	68 37 32	9.3	0.20	0.09	0.10
3961	6429/5	17 47 58	- 20 33 13	16.9	—	—	—
3963	2630/2	17 48 53	68 42 53	5.5	0.61	0.20	0.21
3964	8846/1	17 49 03	70 07 01	4.2	0.08	0.22	0.22
	2720/2	17 49 04	70 06 46	7.9	0.08	0.12	0.12
3965	3899/1	17 49 10	09 39 42	9.9	0.63	0.07	0.08
3967	3899/2	17 49 29	09 38 42	5.1	0.56	0.19	0.20
	7175/2	17 49 30	09 38 20	6.4	0.54	0.12	0.13
3969	8888/1	17 51 02	70 45 59	5.2	0.46	0.17	0.19
	889/1	17 51 02	70 46 36	11.1	0.35	0.07	0.07
3970	6428/1	17 51 10	- 24 31 32	5.8	—	—	—
3971	8888/2	17 52 22	70 36 16	5.5	0.38	0.15	0.16
3972	2250/1	17 52 56	37 20 24	3.9	—	—	—
3973	4952/1	17 53 34	18 30 07	4.3	-0.62	0.26	0.25
3974	4991/1	17 54 27	04 59 38	4.2	0.09	0.21	0.20
3975	8884/1	17 54 35	70 17 29	4.8	—	—	—
3978	8757/1	17 54 56	68 03 48	4.4	0.48	0.20	0.23
3979	8749/1	17 54 59	65 21 05	4.6	0.71	0.24	0.25
3981	4409/1	17 55 29	04 27 43	9.1	0.57	0.09	0.09
3982	925/1	17 55 52	15 08 45	8.6	-0.07	0.11	0.11
	6970/2	17 55 52	15 08 41	40.2	0.18	0.02	0.02
3983	6970/3	17 56 29	15 04 00	3.6	0.10	0.32	0.32
3984	3224/1	17 56 32	22 08 52	9.5	0.22	0.10	0.10
3986	6970/5	17 56 53	14 51 52	10.9	—	—	—
3987	5129/1	17 56 55	23 44 18	5.0	0.51	0.19	0.20
3990	6970/6	17 57 41	15 01 12	7.1	—	—	—
3991	8884/2	17 57 45	70 34 02	8.3	0.19	0.11	0.11
3994	5129/2	17 58 56	23 39 55	7.3	0.24	0.11	0.11
3996	8570/1	18 00 27	68 36 15	4.1	-0.72	0.16	0.12
4001	8756/1	18 01 48	66 38 17	4.0	0.51	0.32	0.32
4002	8767/1	18 01 50	64 15 08	6.5	—	—	—
	8793/1	18 02 02	64 15 31	3.8	-0.25	0.23	0.23
4004	3113/1	18 02 56	02 30 09	23.0	-0.45	0.03	0.03
4007	5121/1	18 03 36	78 28 13	8.9	0.10	0.11	0.11

Table D Hardness Ratios

Number		Position		Hardness Ratio			
CAT	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
4008	8778/1	18 03 37	67 37 52	6.8	0.22	0.14	0.14
	4265/1	18 03 39	67 38 05	20.5	0.48	0.04	0.04
	8780/1	18 03 40	67 38 13	12.5	0.36	0.07	0.08
4012	4265/2	18 04 23	67 53 27	5.0	0.13	0.26	0.26
4013	5213/1	18 04 51	-65 56 38	7.1	0.72	0.11	0.12
4014	6420/1	18 05 02	-43 37 00	4.6	0.48	0.31	0.31
4015	5689/1	18 05 06	69 37 25	5.4	—	—	—
4016	9928/1	18 05 25	16 59 22	5.0	—	—	—
4018	5689/3	18 06 02	69 44 57	7.1	0.73	0.21	0.21
4021	9911/1	18 06 57	09 07 56	5.8	-0.06	0.18	0.18
4023	8848/1	18 07 17	69 48 48	4.6	—	—	—
	1967/1	18 07 19	69 49 13	7.8	-0.05	0.12	0.11
	8661/1	18 07 20	69 49 02	6.9	0.05	0.15	0.15
	5689/5	18 07 21	69 49 04	32.0	0.23	0.03	0.03
	8662/1	18 07 22	69 48 55	6.1	—	—	—
4025	5121/2	18 07 50	78 46 17	4.6	—	—	—
4028	3225/1	18 08 22	33 41 03	4.2	-0.11	0.25	0.25
4030	3225/2	18 08 35	33 23 15	4.6	0.12	0.18	0.18
4032	7278/1	18 08 51	-57 53 59	7.5	0.19	0.12	0.12
4034	9928/6	18 09 14	16 45 03	3.9	-0.03	0.11	0.11
4039	5689/8	18 10 22	69 40 15	19.0	-0.12	0.05	0.05
	1967/2	18 10 25	69 39 59	6.4	—	—	—
4040	8420/1	18 10 54	11 38 44	4.4	0.49	0.19	0.20
4042	7270/1	18 11 26	-11 57 54	4.2	—	—	—
4044	5689/11	18 11 29	70 04 54	4.0	—	—	—
4048	10776/1	18 13 42	64 23 11	4.0	-0.39	0.18	0.17
4051	9680/1	18 14 58	49 51 01	11.9	0.28	0.07	0.07
4055	3820/1	18 17 36	-10 12 44	8.0	0.43	0.11	0.12
4057	8657/1	18 18 40	67 40 15	4.9	0.10	0.17	0.17
4060	4910/2	18 19 28	23 32 55	9.2	0.26	0.09	0.09
4066	8822/1	18 21 40	64 19 11	18.1	0.23	0.05	0.05
	8861/1	18 21 44	64 19 34	12.3	—	—	—
	8667/1	18 21 44	64 19 04	13.6	0.10	0.06	0.06
4068	5193/1	18 22 02	72 42 23	5.3	-0.62	0.16	0.15
4070	7696/1	18 23 16	75 04 21	5.6	—	—	—
4071	7193/1	18 23 19	56 49 32	5.1	0.30	0.14	0.14
4072	3226/1	18 23 26	18 16 03	5.7	0.15	0.14	0.15
4073	7696/2	18 24 31	74 17 23	3.8	—	—	—
4074	7696/3	18 24 49	74 49 10	3.8	—	—	—
4075	8667/2	18 24 58	64 48 52	12.2	0.21	0.07	0.07
4076	8820/1	18 25 01	64 48 37	7.7	0.26	0.10	0.11
	7696/4	18 26 28	74 43 04	10.6	0.58	0.08	0.08
4077	5193/3	18 26 31	72 56 28	5.2	-0.03	0.14	0.14
4078	9253/1	18 27 09	03 02 27	3.9	-0.21	0.13	0.13
4079	7696/5	18 27 24	74 41 42	7.6	0.14	0.10	0.10
4080	5194/1	18 27 46	20 38 47	5.4	-0.17	0.19	0.19
4082	487/1	18 28 15	48 42 44	10.8	0.46	0.08	0.08
4086	7696/6	18 29 27	74 31 30	5.1	-0.28	0.17	0.17
4087	9253/3	18 29 47	02 12 50	14.8	—	—	—
4088	7696/7	18 30 00	74 56 04	18.4	—	—	—
4090	1657/1	18 30 48	-10 36 24	33.3	0.84	0.02	0.02
4092	1657/2	18 32 17	-11 01 16	8.9	—	—	—
4093	7687/2	18 32 26	-08 12 07	3.8	0.04	0.31	0.32
4096	8651/1	18 32 55	68 45 40	5.2	0.35	0.16	0.16
4097	2650/1	18 33 13	32 39 17	21.4	0.44	0.04	0.04
4100	7687/3	18 33 34	-08 13 02	3.6	0.44	0.35	0.36
4101	7687/4	18 33 35	-08 07 51	3.9	0.12	0.27	0.29
4102	4609/1	18 33 39	-06 41 52	5.2	0.75	0.12	0.12
4105	2650/2	18 33 57	32 28 57	4.9	0.44	0.17	0.19
4108	6329/1	18 35 22	17 20 51	4.8	—	—	—
4109	6580/1	18 35 22	-06 58 05	6.3	—	—	—
4111	6580/2	18 35 55	-06 53 40	3.7	—	—	—
4112	6329/2	18 36 13	17 08 58	5.4	0.47	0.19	0.19
4113	2692/1	18 36 53	17 13 30	3.8	—	—	—
4115	10768/1	18 37 04	38 47 37	6.1	—	—	—
4117	843/2	18 37 50	45 37 43	3.8	—	—	—
4120	5690/1	18 39 36	80 02 48	16.3	-0.22	0.05	0.05
4122	4960/1	18 41 40	55 29 36	4.1	0.04	0.31	0.31
4123	4960/2	18 41 48	55 26 34	5.9	-0.04	0.24	0.23
4125	2693/1	18 42 35	45 30 19	7.6	0.38	0.13	0.14

Number		Position		Hardness Ratio			
CAT	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-
4127	3358/1	18 43 02	37 33 13	7.4	0.09	0.11	0.11
4129	7462/1	18 43 49	-03 01 48	17.9	0.92	0.03	0.03
4131	7462/2	18 44 10	-02 44 20	3.5	—	—	—
4134	5690/3	18 44 40	79 50 02	5.1	0.37	0.19	0.19
4135	5061/1	18 45 35	52 56 02	7.9	0.13	0.11	0.11
4136	5690/4	18 45 42	79 43 13	55.5	0.56	0.01	0.01
4137	5690/5	18 46 10	79 39 02	3.5	0.23	0.20	0.20
4138	1749/1	18 46 22	00 31 42	18.4	0.41	0.05	0.05
4139	7152/1	18 46 34	-78 57 17	5.3	0.66	0.20	0.22
4141	5690/6	18 47 04	79 46 41	5.2	0.37	0.15	0.15
4142	5690/7	18 47 16	79 35 46	4.5	0.04	0.15	0.15
4144	2234/1	18 47 26	33 29 30	6.1	0.31	0.20	0.21
4145	2234/2	18 48 09	33 05 01	8.1	-0.15	0.12	0.12
4146	2234/3	18 48 13	33 18 10	7.2	0.33	0.12	0.13
4147	2234/4	18 48 40	33 25 32	4.2	0.25	0.26	0.26
4148	5690/8	18 49 11	79 53 06	10.9	-0.03	0.10	0.10
4149	7152/2	18 49 12	-78 32 01	4.0	—	—	—
4150	3490/1	18 50 05	00 36 18	12.8	0.72	0.07	0.07
4152	4946/1	18 50 30	59 19 44	4.9	0.10	0.20	0.21
4154	6269/1	18 51 17	68 44 35	3.6	—	—	—
4155	6424/1	18 51 21	-30 45 09	3.6	-0.33	0.35	0.34
4156	7468/1	18 51 37	15 46 16	3.9	—	—	—
4157	2298/1	18 51 37	33 06 26	4.3	0.20	0.25	0.26
4158	4946/2	18 52 14	59 16 02	3.5	0.32	0.36	0.37
4162	6269/2	18 53 09	68 20 04	3.5	0.70	0.24	0.25
4164	7467/1	18 53 44	15 34 41	10.9	0.69	0.06	0.06
	7468/3	18 53 44	15 34 15	17.8	0.73	0.04	0.04
	7466/1	18 53 45	15 34 08	16.5	0.70	0.04	0.04
4165	7468/4	18 53 48	15 18 13	5.9	-0.44	0.15	0.15
4167	5986/1	18 54 08	04 12 16	7.5	-0.35	0.12	0.12
4169	6269/3	18 54 15	68 19 20	11.1	0.54	0.06	0.06
4173	891/1	18 56 01	33 48 00	3.7	0.11	0.23	0.24
4174	4512/1	18 56 42	-36 40 54	3.8	—	—	—
4175	4512/2	18 57 44	-37 08 00	4.7	0.46	0.21	0.21
4176	4512/3	18 58 12	-37 04 47	7.0	0.73	0.14	0.14
4177	4512/4	18 58 19	-36 56 53	7.6	0.58	0.13	0.13
4178	4512/5	18 58 38	-37 11 45	6.9	0.13	0.14	0.14
4179	2675/1	18 59 07	01 22 10	7.9	—	—	—
4180	7063/1	19 01 04	-64 06 54	3.5	—	—	—
4182	5282/1	19 04 04	05 09 15	4.0	—	—	—
4183	5282/2	19 04 54	05 08 38	16.3	—	—	—
4184	7063/3	19 05 18	-63 54 53	11.4	0.58	0.07	0.07
4185	2274/1	19 05 44	43 56 20	8.4	0.38	0.11	0.12
	2273/1	19 05 46	43 56 38	11.5	0.61	0.06	0.07
4187	8441/1	19 05 55	69 01 58	3.8	0.33	0.22	0.22
4188	4622/1	19 06 19	43 58 42	13.0	0.47	0.07	0.07
4189	5196/1	19 06 23	16 46 26	4.1	0.00	0.35	0.35
4191	7063/4	19 06 33	-64 21 34	5.5	-0.09	0.10	0.10
4192	7063/5	19 06 48	-63 44 52	3.9	0.30	0.18	0.18
4193	7063/6	19 06 53	-63 39 52	6.6	—	—	—
4194	7063/7	19 07 01	-64 05 15	11.5	0.28	0.09	0.09
4195	7486/1	19 07 15	52 20 52	32.8	—	—	—
4196	8441/2	19 07 23	69 03 52	7.8	-0.12	0.13	0.13
4197	7063/8	19 07 25	-63 50 44	4.2	—	—	—
4198	7063/9	19 07 50	-64 07 06	5.4	—	—	—
4200	2678/1	19 08 22	09 11 23	5.0	0.79	0.19	0.20
4202	8441/3	19 08 31	68 58 34	7.5	0.53	0.08	0.09
4203	774/1	19 08 43	09 01 44	13.5	0.87	0.03	0.03
	2678/2	19 08 45	09 01 33	16.3	0.98	0.02	0.02
4208	7486/2	19 10 26	52 00 30	5.5	-0.00	0.19	0.19
4209	5626/1	19 10 33	67 36 22	12.7	0.42	0.07	0.07
4211	1272/1	19 12 21	10 38 20	6.0	—	—	—
4212	5626/2	19 12 32	67 19 11	5.4	0.12	0.11	0.11
4215	5626/3	19 14 18	67 49 11	3.7	—	—	—
4216	4408/1	19 14 29	05 05 07	7.1	-0.74	0.14	0.13
4220	7331/2	19 15 34	22 21 11	5.3	0.04	0.20	0.20
4221	4408/2	19 15 56	05 02 18	6.0	—	—	—
4225	7744/1	19 16 36	19 30 59	9.3	0.58	0.08	0.09
4227	1198/1	19 16 56	15 19 37	4.5	—	—	—
4228	5321/1	19 17 00	06 23 26	5.4	—	—	—

Table D Hardness Ratios

Number		Position		Hardness Ratio		
CAT	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+ -
4229	7331/3	19 17 34	22 22 56	3.9	0.15	0.16 0.16
4231	8681/1	19 18 41	18 57 35	7.5	—	— —
4233	3757/1	19 19 20	04 27 08	4.1	-0.34	0.23 0.21
	2175/1	19 19 20	04 26 50	5.4	—	— —
4235	4617/1	19 19 55	48 00 15	3.7	—	— —
4236	4912/1	19 20 18	09 45 09	10.2	—	— —
4237	4912/2	19 20 26	09 49 05	9.2	—	— —
4238	4911/1	19 20 26	29 44 39	4.0	0.17	0.24 0.25
4239	7892/1	19 20 40	-00 53 51	4.5	-0.02	0.18 0.18
4240	4617/2	19 20 59	48 30 02	4.8	—	— —
4241	2176/1	19 21 04	13 57 59	4.0	0.46	0.22 0.25
4242	1197/1	19 21 07	15 01 25	10.5	0.57	0.09 0.10
4243	4913/1	19 21 15	50 32 44	3.8	—	— —
4248	4913/2	19 23 45	50 37 14	5.8	0.27	0.11 0.11
4249	1199/1	19 23 51	14 05 51	10.0	—	— —
4251	5905/1	19 26 43	18 11 01	7.7	0.19	0.12 0.12
4252	4065/1	19 27 12	-22 04 29	4.2	0.31	0.23 0.24
4253	5905/2	19 27 32	18 05 26	7.4	—	— —
4255	5905/4	19 28 09	18 14 29	3.6	0.54	0.31 0.32
4256	5923/1	19 28 10	10 42 09	9.8	0.64	0.06 0.06
4257	5923/2	19 28 17	10 55 23	4.8	—	— —
4258	5905/5	19 28 18	18 46 23	4.6	—	— —
4260	5923/3	19 28 45	10 30 52	4.3	—	— —
4261	5923/4	19 29 45	10 57 58	4.7	-0.26	0.22 0.22
4265	5923/7	19 30 41	11 02 08	7.0	0.05	0.15 0.15
4266	5632/1	19 32 18	49 56 15	4.8	—	— —
4267	5631/1	19 32 33	69 33 34	8.4	-0.61	0.10 0.09
4268	5175/1	19 34 32	20 52 50	5.7	—	— —
4269	5632/2	19 35 07	50 06 42	9.1	-0.32	0.09 0.09
4272	5175/4	19 36 11	21 11 04	4.9	-0.01	0.18 0.18
4276	5175/5	19 37 07	21 01 13	11.0	0.22	0.09 0.09
4277	7335/1	19 37 33	13 58 09	4.3	—	— —
4279	354/1	19 39 35	-10 57 19	3.7	—	— —
4280	5275/1	19 39 40	16 37 32	18.0	—	— —
	3318/1	19 39 43	16 37 40	7.9	0.24	0.12 0.12
4281	354/2	19 39 56	-10 26 33	32.8	0.59	0.03 0.03
4283	354/3	19 40 27	-10 48 22	4.5	—	— —
4284	354/4	19 40 34	-10 01 22	3.8	-0.10	0.18 0.18
4285	354/5	19 40 59	-10 29 39	8.2	0.43	0.13 0.13
4286	1765/1	19 42 18	23 34 26	4.0	0.53	0.21 0.22
4287	4504/1	19 42 46	-14 35 11	5.0	—	— —
4288	5633/1	19 43 26	45 00 50	4.0	-0.17	0.21 0.21
	4403/1	19 43 28	45 00 20	3.6	-0.11	0.24 0.24
4289	3185/1	19 44 03	-42 24 43	8.7	—	— —
4290	3185/2	19 44 12	-42 08 01	11.8	0.04	0.09 0.09
4291	3279/1	19 47 01	29 45 25	6.4	0.34	0.12 0.13
4293	844/1	19 48 13	08 47 08	8.5	0.14	0.13 0.13
4294	844/2	19 48 22	08 44 14	11.2	-0.57	0.08 0.08
4295	844/3	19 48 49	08 35 01	20.0	0.26	0.05 0.05
4296	4928/1	19 51 02	77 36 49	11.7	0.54	0.07 0.07
4297	4232/1	19 50 59	32 45 12	3.9	—	— —
4298	4406/1	19 52 15	44 16 46	4.3	-0.56	0.27 0.26
4302	3320/1	19 55 21	39 41 12	4.2	—	— —
4303	3289/2	19 55 48	-35 42 32	10.9	—	— —
4304	3289/3	19 55 57	-35 03 07	8.5	—	— —
4305	3289/4	19 55 59	-35 16 08	7.7	0.19	0.17 0.17
4311	3027/2	19 58 32	22 34 27	4.3	—	— —
4313	3321/1	20 00 23	-55 52 12	4.7	-0.31	0.18 0.18
4315	4541/1	20 01 42	31 54 11	8.1	0.57	0.11 0.12
	5071/1	20 01 43	31 54 07	9.3	0.70	0.09 0.09
4321	7876/1	20 05 09	18 00 49	3.6	0.19	0.14 0.14
4322	7876/2	20 05 21	17 33 36	25.1	0.47	0.03 0.04
	3508/1	20 05 21	17 33 43	18.2	0.35	0.05 0.05
	2277/1	20 05 22	17 33 24	18.5	0.48	0.04 0.04
4323	2277/2	20 06 28	17 13 26	3.7	—	— —
4324	8972/1	20 06 34	55 26 45	4.1	-0.23	0.31 0.31
4325	5122/2	20 07 20	77 44 07	8.7	0.37	0.11 0.12
4327	3137/1	20 07 41	35 49 18	3.6	-0.57	0.28 0.28
4328	3115/1	20 07 54	-36 22 06	8.8	-0.05	0.11 0.11
4332	1858/1	20 08 41	-70 40 18	3.5	0.13	0.22 0.22

Number		Position		Hardness Ratio		
CAT	SEQ/FLD	RA (1950)	DEC (1950)	S/N	MLHR	+ -
4333	5122/3	20 09 16	77 41 14	3.6	0.63	0.29 0.29
4334	5046/2	20 09 17	36 26 10	3.6	—	— —
4335	827/1	20 09 38	38 14 56	4.9	-0.05	0.27 0.27
4336	7745/1	20 10 31	46 19 58	22.6	—	— —
4337	827/2	20 10 43	38 15 52	4.2	0.28	0.24 0.24
4338	827/3	20 10 52	38 00 50	3.8	0.01	0.31 0.31
4341	2679/1	20 12 18	23 25 51	7.0	0.83	0.12 0.13
4342	1858/3	20 13 08	-71 00 33	9.2	0.47	0.10 0.10
4343	3495/1	20 13 46	37 02 11	8.4	0.79	0.07 0.07
4345	3495/3	20 14 13	37 03 15	5.2	0.75	0.13 0.13
4346	3362/1	20 14 17	38 00 09	4.8	0.23	0.21 0.22
4347	3495/4	20 14 49	37 29 14	3.6	0.12	0.27 0.27
4348	1764/1	20 14 56	30 57 35	11.2	-0.00	0.08 0.08
4349	7909/1	20 14 57	-03 49 01	16.7	0.59	0.04 0.04
4350	3495/5	20 15 08	37 15 58	4.7	0.42	0.15 0.15
4351	1858/4	20 16 13	-71 03 07	3.7	0.20	0.26 0.26
4352	7875/1	20 16 42	38 42 36	5.1	0.53	0.31 0.32
4353	929/1	20 16 44	20 41 59	7.9	—	— —
	3507/1	20 16 45	20 42 15	12.4	—	— —
	3506/1	20 16 46	20 42 20	3.8	—	— —
4354	3507/2	20 16 54	21 11 43	5.5	—	— —
4355	3482/1	20 17 10	45 53 37	4.1	0.28	0.39 0.39
4356	3507/3	20 17 17	20 49 00	9.4	-0.05	0.11 0.11
4357	5638/1	20 17 22	-14 41 50	4.5	—	— —
4358	7875/2	20 17 44	38 34 31	9.3	0.69	0.12 0.12
4360	2680/1	20 17 55	29 52 05	5.4	—	— —
4361	929/2	20 18 01	20 56 47	4.0	-0.58	0.20 0.20
	3507/4	20 18 03	20 56 39	8.2	-0.40	0.12 0.12
4362	2680/2	20 18 03	29 32 52	6.9	-0.22	0.16 0.16
4363	5638/2	20 18 21	-15 06 29	3.7	0.24	0.35 0.36
4365	7875/4	20 19 08	38 24 35	6.9	—	— —
4366	3481/1	20 19 16	45 01 50	7.6	0.67	0.14 0.15
4368	3482/2	20 20 29	45 38 17	5.8	0.04	0.15 0.15
4375	3386/1	20 30 33	41 08 04	13.0	—	— —
	3374/1	20 30 33	41 08 06	9.3	0.78	0.07 0.07
4376	3386/2	20 30 34	40 47 01	39.8	—	— —
	3377/1	20 30 36	40 47 07	19.0	—	— —
	3375/1	20 30 37	40 47 05	32.5	—	— —
	3376/1	20 30 37	40 47 19	16.7	—	— —
4377	10314/1	20 30 42	60 11 56	5.8	0.22	0.12 0.12
4378	3386/3	20 30 52	41 04 19	9.2	—	— —
4381	3374/3	20 31 20	41 04 32	7.9	—	— —
	3375/3	20 31 22	41 04 58	7.6	0.84	0.09 0.12
4382	3374/4	20 31 26	41 08 27	16.0	0.63	0.04 0.05
	3375/4	20 31 27	41 08 38	12.3	—	— —
4385	7482/2	20 32 21	11 10 17	3.8	0.45	0.19 0.19
4386	7482/3	20 32 59	10 45 47	6.0	0.48	0.16 0.16
4387	5995/1	20 33 26	39 43 30	5.2	0.45	0.14 0.15
4388	10314/3	20 33 44	59 35 38	8.8	—	— —
4389	10314/4	20 33 54	60 00 29	17.8	0.52	0.04 0.04
	10597/1	20 34 00	60 00 29	10.7	0.21	0.34 0.34
	422/1	20 34 00	60 00 43	8.8	0.62	0.08 0.09
4390	10314/5	20 34 27	59 55 38	6.8	0.42	0.16 0.17
4391	8390/1	20 34 34	-22 53 19	5.0	0.09	0.19 0.19
4392	10597/2	20 34 47	59 39 25	4.9	—	— —
4393	3365/1	20 34 53	75 32 37	6.7	0.20	0.15 0.15
4394	5995/2	20 34 53	40 10 36	9.6	0.68	0.07 0.07
4396	10314/6	20 35 26	60 13 41	4.4	—	— —
	422/3	20 35 30	60 13 37	4.2	—	— —
	10597/3	20 35 32	60 13 22	4.1	—	— —
4397	10314/7	20 35 49	59 45 11	4.1	—	— —
4399	1969/1	20 36 14	88 02 23	5.4	0.28	0.27 0.28
	1970/1	20 36 21	88 02 22	3.8	-0.06	0.21 0.22
4400	8415/2	20 36 15	-01 25 07	3.9	0.40	0.18 0.18
4401	7874/1	20 37 17	52 40 14	5.2	—	— —
4402	3247/1	20 37 21	-00 36 08	4.1	0.27	0.19 0.20
	8415/3	20 37 22	-00 35 29	4.7	—	— —
4403	3136/1	20 37 23	45 02 04	5.2	—	— —
4404	8415/4	20 37 35	-01 02 45	51.3	0.04	0.02 0.02
	3247/2	20 37 35	-01 02 53	27.0	-0.03	0.03 0.03

Table D Hardness Ratios

Number CAT	SEQ/ FLD	Position		S/N	Hardness Ratio		
		RA (1950)	DEC (1950)		MLHR	+	-
4578	7612/3	22 09 10	- 04 04 32	10.4	—	—	—
4579	8438/1	22 09 31	18 27 07	17.4	0.24	0.05	0.05
4580	8438/2	22 09 41	17 58 11	3.7	—	—	—
4581	5072/1	22 09 49	59 09 50	6.9	0.39	0.16	0.16
4582	8438/3	22 09 52	17 59 39	4.8	—	—	—
4583	8438/4	22 10 13	18 27 26	7.5	0.00	0.13	0.13
4585	10137/1	22 14 46	13 59 03	5.5	0.37	0.22	0.23
4586	1866/1	22 15 07	- 34 52 12	3.7	-0.40	0.26	0.24
4587	2068/1	22 15 14	- 03 47 23	6.7	0.49	0.11	0.12
4588	3653/1	22 15 19	- 08 35 45	4.3	0.62	0.16	0.18
4589	2068/2	22 16 09	- 04 01 18	6.0	0.49	0.08	0.09
4590	2068/3	22 16 16	- 03 50 48	6.3	0.64	0.12	0.13
4593	5949/3	22 17 34	- 63 03 33	4.3	0.42	0.10	0.12
4594	3042/1	22 17 41	08 44 55	4.4	0.34	0.20	0.21
4595	129/1	22 20 27	- 02 00 32	4.2	—	—	—
4596	129/2	22 21 15	- 01 54 15	3.9	0.28	0.27	0.29
4597	129/3	22 21 23	- 01 49 15	8.1	—	—	—
4598	4646/1	22 21 30	- 05 04 10	4.6	—	—	—
4600	5131/2	22 22 55	20 46 44	5.1	0.07	0.18	0.18
4601	4646/2	22 23 00	- 05 40 34	3.7	0.03	0.24	0.24
4603	4646/3	22 23 11	- 05 12 14	39.2	0.51	0.02	0.02
	519/1	22 23 11	- 05 12 16	11.2	0.51	0.06	0.07
	8022/1	22 23 12	- 05 12 08	13.1	0.42	0.06	0.07
4604	5131/4	22 23 14	21 02 52	15.0	0.50	0.06	0.06
4605	10061/1	22 23 15	56 00 05	4.9	0.55	0.17	0.17
4606	129/4	22 23 31	- 01 57 05	4.2	—	—	—
4607	4646/4	22 23 40	- 05 17 48	5.3	-0.00	0.22	0.22
4608	4646/5	22 23 53	- 05 03 58	4.2	0.04	0.25	0.25
4610	5131/6	22 24 07	20 56 27	5.0	0.31	0.20	0.21
4612	6951/1	22 25 46	- 21 01 04	4.4	—	—	—
4613	3117/1	22 26 11	57 26 27	5.8	-0.79	0.12	0.11
4614	3117/2	22 26 50	57 37 46	4.2	—	—	—
4615	6951/2	22 26 56	- 21 05 33	6.2	-0.04	0.17	0.17
4616	3916/1	22 27 58	39 25 36	4.2	0.33	0.29	0.30
4617	3231/1	22 27 58	48 36 33	4.2	-0.21	0.18	0.17
4618	3231/2	22 28 03	49 06 02	12.8	0.21	0.07	0.07
4619	6951/3	22 28 25	- 20 41 59	3.7	0.08	0.13	0.13
4620	3916/2	22 29 09	39 07 01	5.2	0.71	0.15	0.16
4621	6951/4	22 29 16	- 21 07 27	3.8	—	—	—
4622	4042/1	22 30 07	11 28 26	13.5	0.49	0.06	0.06
4623	1872/1	22 31 34	- 37 59 52	10.7	0.26	0.14	0.14
4624	1319/1	22 31 47	56 22 24	7.9	0.35	0.11	0.11
4625	1872/2	22 32 36	- 37 43 32	4.1	-0.35	0.20	0.19
4626	5386/1	22 33 41	13 28 18	3.7	0.34	0.17	0.18
4627	7827/1	22 33 42	33 42 00	3.8	-0.18	0.22	0.22
4628	3902/1	22 33 54	- 14 48 47	5.2	0.48	0.18	0.19
4629	10087/1	22 34 02	28 13 29	5.6	0.24	0.16	0.16
4630	9145/1	22 34 48	34 08 52	3.5	0.23	0.25	0.25
4631	3118/1	22 35 50	- 15 34 18	7.4	-0.24	0.12	0.12
	5657/1	22 35 51	- 15 33 57	6.6	-0.59	0.13	0.12
4633	8938/1	22 43 07	57 52 36	7.0	-0.09	0.13	0.13
4634	8938/2	22 44 09	57 48 34	4.1	0.24	0.28	0.29
4635	265/1	22 44 41	- 02 21 18	4.5	—	—	—
4637	7751/2	22 47 38	- 06 59 10	5.7	—	—	—
4638	7751/3	22 47 52	- 07 03 39	5.3	—	—	—
4640	7751/4	22 48 45	- 07 27 03	8.0	0.60	0.15	0.15
4641	7362/1	22 49 31	31 29 24	20.4	-0.01	0.04	0.04
	7364/1	22 49 31	31 29 20	13.6	-0.18	0.06	0.06
	7363/1	22 49 32	31 29 39	16.4	-0.08	0.05	0.05
4643	2074/1	22 51 13	- 17 37 28	3.5	-0.42	0.21	0.20
4644	4990/1	22 51 23	37 40 28	12.8	0.01	0.06	0.06
4645	2074/2	22 51 27	- 17 50 55	25.9	0.62	0.03	0.03
4646	492/1	22 51 31	15 53 09	12.7	0.60	0.06	0.07
	3908/1	22 51 31	15 53 09	13.5	0.66	0.05	0.05
4648	3655/1	22 52 45	- 03 26 31	10.1	0.50	0.07	0.08
4649	4024/1	22 53 17	02 41 48	6.4	—	—	—
4651	2318/1	22 53 40	- 31 50 00	8.6	-0.40	0.08	0.08
4652	8490/1	22 53 46	62 26 45	4.4	—	—	—
4653	8490/2	22 53 47	62 35 14	3.5	—	—	—
4654	7961/1	22 53 50	20 36 22	8.4	-0.03	0.10	0.10

Number CAT	SEQ/ FLD	Position		S/N	Hardness Ratio		
		RA (1950)	DEC (1950)		MLHR	+	-
4655	5987/1	22 54 10	16 17 37	7.3	-0.26	0.12	0.11
4656	3074/1	22 54 11	07 12 25	6.6	—	—	—
	7729/1	22 54 12	07 12 36	8.8	—	—	—
	3075/1	22 54 12	07 12 47	4.2	—	—	—
4657	4024/2	22 54 18	02 19 35	12.6	0.44	0.07	0.07
4658	6674/1	22 54 24	- 36 43 53	7.4	0.48	0.12	0.12
4660	4024/3	22 54 36	02 09 42	11.7	—	—	—
4661	4024/4	22 54 44	02 27 34	5.5	0.41	0.17	0.17
4662	3075/2	22 54 46	07 27 10	4.4	0.42	0.19	0.20
	7729/2	22 54 47	07 27 18	8.2	0.43	0.12	0.12
	3074/2	22 54 48	07 26 57	4.1	0.03	0.31	0.31
4664	6674/2	22 54 52	- 37 12 14	11.6	—	—	—
4666	6674/3	22 55 01	- 36 51 25	4.1	0.16	0.18	0.18
4667	5144/2	22 55 06	41 38 36	6.7	0.53	0.15	0.16
4669	7961/2	22 55 42	20 39 34	5.6	0.27	0.11	0.12
4672	3840/2	22 59 00	58 25 02	4.0	—	—	—
4674	1975/1	23 00 23	- 18 57 37	14.6	0.23	0.06	0.06
4676	5660/1	23 01 19	15 06 27	4.9	—	—	—
4677	2617/1	23 01 35	22 21 07	6.4	0.52	0.12	0.13
4678	5742/1	23 02 27	- 44 27 49	7.8	-0.02	0.14	0.14
4680	5742/2	23 03 08	- 44 38 21	4.6	-0.20	0.21	0.21
4681	5742/3	23 04 06	- 44 18 39	5.2	-0.20	0.17	0.16
4682	4233/1	23 04 41	25 11 45	15.1	0.26	0.06	0.06
4683	337/1	23 04 59	- 22 58 46	8.9	0.48	0.09	0.09
4684	3977/1	23 05 17	18 45 12	8.2	0.58	0.09	0.10
4685	337/2	23 06 06	- 22 36 03	18.0	—	—	—
	4292/1	23 06 09	- 22 36 03	16.2	0.28	0.05	0.05
4686	4292/2	23 06 47	- 22 26 46	5.9	0.37	0.17	0.17
4687	2320/1	23 07 40	47 41 12	21.8	-0.17	0.04	0.04
4688	336/1	23 07 41	- 22 02 26	5.1	—	—	—
4689	435/1	23 07 54	- 44 03 30	7.5	—	—	—
4690	435/2	23 07 58	- 43 28 42	4.4	0.12	0.23	0.23
4691	336/2	23 08 58	- 22 00 47	10.5	0.47	0.07	0.07
4692	336/3	23 09 27	- 21 50 32	4.4	0.20	0.23	0.24
4693	336/4	23 09 34	- 21 55 29	3.7	—	—	—
4694	336/5	23 09 42	- 21 46 04	15.3	0.36	0.04	0.05
4695	336/6	23 10 22	- 21 54 26	27.1	0.40	0.03	0.03
4696	5159/1	23 10 28	- 49 49 47	9.1	-0.26	0.12	0.12
4699	5259/1	23 11 13	- 42 59 47	18.5	—	—	—
4701	7582/1	23 11 33	- 42 59 32	3.8	—	—	—
4702	7582/2	23 13 11	- 42 53 34	3.9	-0.10	0.24	0.24
4703	4585/2	23 13 20	61 35 34	4.4	0.43	0.16	0.17
4704	5259/2	23 13 25	- 42 50 57	4.0	0.57	0.21	0.21
	7582/3	23 13 25	- 42 51 24	4.9	0.21	0.22	0.23
4705	7569/1	23 15 08	- 36 40 54	4.9	-0.36	0.20	0.20
4706	5259/3	23 15 36	- 42 38 24	4.0	—	—	—
	3066/1	23 15 38	- 42 38 31	7.3	0.73	0.10	0.10
	3067/1	23 15 39	- 42 38 25	8.4	0.84	0.14	0.15
	6385/1	23 15 41	- 42 38 44	8.5	0.40	0.10	0.10
4707	7569/2	23 15 44	- 36 33 23	7.2	0.29	0.09	0.09
4708	6385/2	23 16 11	- 42 30 49	4.2	—	—	—
4709	3066/2	23 16 19	- 42 23 15	11.3	0.21	0.08	0.08
	3067/2	23 16 22	- 42 23 03	10.8	0.18	0.08	0.08
	6218/1	23 16 23	- 42 22 57	11.8	-0.04	0.07	0.07
	6385/3	23 16 23	- 42 22 58	25.6	-0.01	0.03	0.03
4710	6719/1	23 16 24	- 00 01 35	17.6	0.38	0.05	0.05
4711	6385/4	23 16 40	- 42 32 14	3.8	0.40	0.17	0.18
4712	6385/5	23 16 40	- 42 15 19	4.2	—	—	—
4713	6719/2	23 16 58	00 19 37	4.6	—	—	—
4715	3094/1	23 17 28	15 45 51	7.1	—	—	—
4716	6385/6	23 17 38	- 42 27 14	4.3	0.24	0.19	0.19
4719	6385/8	23 18 15	- 42 19 58	7.8	-0.35	0.14	0.14
4720	1875/1	23 18 48	- 23 28 39	8.5	0.59	0.09	0.10
4721	6385/9	23 18 50	- 42 10 36	14.3	—	—	—
	6218/2	23 18 55	- 42 10 20	8.0	—	—	—
4723	6385/11	23 19 57	- 42 36 55	8.3	—	—	—
4725	3361/1	23 21 28	41 54 26	6.6	—	—	—
4727	8396/2	23 22 24	23 04 09	4.5	0.50	0.25	0.25
4728	3477/1	23 22 44	- 12 23 44	19.9	0.44	0.03	0.04
4729	8396/3	23 22 54	23 07 40	28.4	0.10	0.03	0.03

Table D Hardness Ratios

Number		Position			Hardness Ratio			
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-	
4731	4499/1	23 26 22	- 30 03 15	10.5	0.26	0.09	0.09	
4732	4892/1	23 29 19	- 38 27 37	4.2	0.11	0.26	0.26	
4733	933/1	23 29 21	- 19 39 41	34.3	-0.20	0.02	0.02	
4734	4892/2	23 30 18	- 38 05 43	6.2	-0.20	0.15	0.15	
4735	2291/1	23 31 39	- 48 34 26	5.9	0.73	0.11	0.12	
4736	4043/1	23 32 18	- 02 08 26	5.1	—	—	—	
4737	4043/2	23 32 26	- 01 19 15	5.2	-0.31	0.13	0.12	
4738	7702/1	23 33 31	- 20 16 12	10.2	0.50	0.07	0.07	
	156/1	23 33 33	- 20 16 26	8.2	0.51	0.09	0.09	
4739	201/1	23 34 00	- 20 52 06	13.0	0.47	0.05	0.05	
	156/2	23 34 06	- 20 51 30	5.3	—	—	—	
	7702/2	23 34 10	- 20 51 35	5.3	—	—	—	
4741	7730/1	23 35 16	- 03 05 44	8.5	-0.13	0.10	0.10	
	3077/1	23 35 17	- 03 05 47	5.7	0.06	0.18	0.19	
	3076/1	23 35 17	- 03 05 33	3.9	-0.28	0.23	0.22	
4746	201/2	23 36 26	- 20 44 15	3.6	—	—	—	
4747	5666/1	23 36 33	- 05 17 33	5.0	0.22	0.20	0.21	
4748	7730/2	23 37 11	- 03 01 55	3.6	—	—	—	
4749	5666/2	23 37 26	- 05 21 36	4.8	-0.44	0.16	0.16	
4750	7706/1	23 38 37	- 44 08 00	5.2	—	—	—	
4751	334/1	23 38 39	- 10 45 58	4.3	—	—	—	
4752	6852/1	23 38 42	- 09 18 06	7.6	0.33	0.10	0.10	
4754	290/1	23 40 54	- 09 09 58	4.2	0.49	0.14	0.14	
4755	2294/1	23 40 54	- 15 12 02	8.1	-0.40	0.09	0.09	
4756	290/2	23 41 33	- 08 46 20	9.0	0.34	0.09	0.10	
4757	290/3	23 41 53	- 08 53 14	9.7	0.62	0.18	0.19	
4758	290/4	23 42 23	- 08 55 07	27.8	0.48	0.02	0.02	
4759	2294/2	23 42 46	- 15 31 30	4.5	0.41	0.18	0.20	
4760	2294/3	23 43 03	- 15 05 50	6.7	—	—	—	
4761	538/1	23 44 06	- 09 14 13	5.7	0.22	0.14	0.15	
4762	2076/1	23 45 27	- 16 47 50	5.3	0.54	0.17	0.18	
	2077/1	23 45 28	- 16 47 54	6.3	0.39	0.15	0.16	
4763	1981/1	23 46 52	- 18 42 38	4.4	—	—	—	
	1982/1	23 46 52	- 18 42 23	6.3	—	—	—	
4764	294/1	23 47 24	- 27 04 56	6.8	-0.09	0.14	0.14	
4765	6367/1	23 47 28	- 19 24 59	4.8	—	—	—	
4766	294/2	23 47 35	- 26 43 30	9.6	0.10	0.12	0.12	
4767	294/3	23 47 52	- 27 18 44	4.9	-0.14	0.12	0.12	

Number		Position			Hardness Ratio			
CAT	SEQ/ FLD	RA (1950)	DEC (1950)	S/N	MLHR	+	-	
4768	3043/1	23 48 03	- 29 13 33	5.7	0.04	0.15	0.15	
4769	5387/1	23 48 15	- 01 25 59	3.8	0.24	0.23	0.23	
4771	8408/1	23 48 22	- 32 51 05	3.7	0.26	0.21	0.22	
4772	294/5	23 48 28	- 26 51 46	6.4	0.27	0.16	0.16	
4773	6367/2	23 48 41	- 19 56 54	8.3	0.78	0.14	0.14	
4775	6367/3	23 48 50	- 19 50 05	7.4	0.36	0.13	0.14	
4776	6108/1	23 48 54	- 28 12 44	4.3	—	—	—	
4777	6108/2	23 49 03	- 28 38 28	4.9	-0.34	0.26	0.25	
4778	6108/3	23 49 06	- 28 34 52	8.0	0.59	0.17	0.17	
4779	5387/2	23 49 22	- 01 25 51	16.6	0.21	0.05	0.05	
4780	6108/4	23 49 46	- 28 29 55	6.6	0.05	0.12	0.12	
4781	8408/2	23 49 47	- 32 47 16	4.3	0.55	0.23	0.24	
4782	7358/1	23 49 50	- 75 15 57	4.6	—	—	—	
	7356/1	23 49 50	- 75 16 14	4.8	—	—	—	
	7357/1	23 49 58	- 75 16 48	4.0	—	—	—	
4783	5387/3	23 49 51	- 01 12 39	4.8	-0.02	0.17	0.17	
4784	6367/4	23 49 57	- 19 51 18	5.5	—	—	—	
4787	6108/7	23 51 09	- 28 08 04	5.8	-0.44	0.14	0.14	
4788	314/1	23 51 38	- 10 41 47	12.6	0.35	0.05	0.05	
4790	314/2	23 52 51	- 10 44 43	3.6	—	—	—	
4792	3167/1	23 53 29	- 07 14 34	6.4	0.64	0.11	0.12	
4793	4618/1	23 53 41	- 47 13 26	11.1	0.43	0.08	0.09	
4794	3167/2	23 54 00	- 07 13 59	4.7	0.54	0.20	0.21	
4795	4268/1	23 54 36	- 34 58 34	7.0	—	—	—	
4796	2146/1	23 55 17	- 32 53 32	5.0	0.48	0.17	0.18	
4797	2952/1	23 56 05	- 63 58 45	4.7	0.50	0.21	0.22	
4798	5745/1	23 56 22	- 60 52 44	7.1	0.31	0.10	0.10	
4799	4268/2	23 56 30	- 34 41 57	4.0	-0.13	0.19	0.19	
4801	5669/1	23 56 45	- 06 35 17	6.0	-0.24	0.13	0.13	
4802	4268/3	23 56 56	- 34 34 55	4.2	—	—	—	
4803	4268/4	23 57 07	- 34 52 10	4.4	0.05	0.17	0.17	
4804	4268/5	23 57 27	- 35 20 17	4.1	0.03	0.15	0.15	
4805	2952/2	23 57 33	- 63 52 14	7.6	-0.02	0.13	0.13	
4806	8693/1	23 57 39	- 29 49 19	3.6	-0.03	0.22	0.22	
4807	5906/1	23 58 12	- 61 54 18	5.5	—	—	—	
4808	4268/6	23 58 38	- 35 08 28	3.8	—	—	—	
4809	6898/2	23 59 59	- 72 38 07	6.4	—	—	—	

APPENDIX E

Omitted Observations: IPC Fields Not Used in the Catalog

Because of the vagaries of the observing conditions, a number of observations obtained very little exposure time. In order to avoid publishing many pages with little information, we have chosen to limit the catalog to observations for which the effective live time at the field center is 300 s or greater. Other sequence numbers have been deleted for various reasons, such as the insertion of the aluminum filter in the X-ray beam. We list these fields here because it is possible to recover usable data in some cases, notably when a satellite aspect solution was obtained for less than 300 s but stable pointing was achieved for a significantly longer time. In these cases, processing without aspect may be requested.

In the following table we give a list of IPC sequence numbers which are not a part of the catalog, but were included in the original processing.

Cols. (1) and (2)	Field center position - R.A. and decl. (1950)
Col. (3)	Sequence number
Col. (4)	Live time (at the field center, for Rev1B processing)
Col. (5)	Rejected ONTIME: time rejected because of bad aspect or bad viewing geometry (depending upon analysis requirements, may be partially usable)
Col. (6)	Average roll angle
Col. (7)	Comments: reason for omission (if not because live time < 300 s).

Table E Omitted Observations

POSITION(1950)		SEQ #	TIME (sec)		ROLL ANGLE (degrees)	COMMENTS
RA	DEC		LIVE	REJECT		
0 00 00.0	28 00 00	I 2953	0.0	0.0		High Voltage Off
0 02 42.0	05 08 00	I 8701	0.0	1004.5	112.7	
0 13 02.5	-71 10 08	I 599	96.4	1355.8	-32.1	
0 24 32.5	-33 32 19	I 7652	0.0	6868.2	-93.3	
0 28 48.0	67 12 00	I 4625	0.0	2355.5	-40.3	
0 31 12.0	-69 32 00	I 9088	0.0	1337.0	94.9	
0 32 50.3	-75 40 40	I 625	0.0	744.6	-29.6	
0 36 16.1	-71 21 09	I 601	0.0	1020.2	-23.7	
0 37 39.0	56 15 49	I 4447	0.0	1607.4	131.5	
0 47 60.0	-69 45 03	I 590	236.3	623.0	-25.1	
0 48 00.0	-76 14 56	I 596	0.0	1734.1	-23.2	
0 51 21.0	-74 56 00	I 9043	0.0	4045.8	105.0	
0 52 53.0	-73 57 17	I 6754	0.0	1214.7	-15.3	
0 58 19.7	01 55 28	I 2717	197.6	551.0	-66.9	
0 59 06.4	-70 16 14	I 600	0.0	1801.9	-32.0	
0 59 44.1	-71 21 09	I 605	0.0	1793.3	-13.8	
1 00 26.2	-72 26 02	I 611	0.0	1774.4	-23.3	
1 12 05.4	-71 49 21	I 610	0.0	2019.2	152.0	
1 13 33.9	-72 54 00	I 617	158.3	1775.4	-20.2	
1 21 30.0	-59 04 00	I 6726	0.0	1785.3	-47.3	
2 16 19.2	62 45 00	I 3596	0.0	2252.8	108.5	
2 17 36.3	58 06 46	I 1231	39.5	1845.8	108.3	
2 22 42.0	41 39 00	I 302	0.0	0.0		
2 34 18.0	-19 37 00	I 3445	244.4	778.2	1.9	
3 07 06.0	16 55 00	I 1930	292.0	449.9	-74.2	
3 22 29.0	04 46 18	I 7948	0.0	2416.6	105.8	
3 24 47.0	-26 38 36	I 4090	0.0	2107.8	-78.9	
3 28 37.0	-26 22 06	I 4089	0.0	2321.6	-78.5	
3 29 00.0	-52 42 00	I 1828	0.0	2164.8	-66.8	
3 29 14.4	-36 24 00	I 4130	0.0	3265.6	-80.2	
4 23 48.0	16 38 08	I 9969	0.0	0.0		recovery target - no good data
4 30 30.0	05 15 00	I 9906	0.0	0.0		gyro problems
4 52 40.8	-68 41 59	I 2419	144.0	1515.5	-9.6	
4 55 60.0	-68 43 08	I 2434	117.9	1444.2	93.3	
5 00 08.9	-70 14 16	I 2454	266.9	26.2	-8.8	
5 02 54.0	-75 33 06	I 10146	0.0	2304.3	179.4	
5 06 04.8	-70 11 59	I 2455	212.6	0.0	-5.1	
5 07 14.4	-69 42 00	I 2445	9.0	1791.7	-43.2	
5 12 58.9	24 55 07	I 6313	0.0	0.0		gyro problems
5 17 03.0	-50 33 00	I 7674	0.0	1303.0	-37.7	
5 22 04.8	-69 11 59	I 2437	0.0	1729.9	52.6	
5 22 09.6	-68 11 59	I 2413	0.0	1927.7	52.7	
5 26 53.0	-72 11 59	I 5855	188.3	1479.7	119.5	
5 31 31.0	21 58 59	I 10369	210.9	0.0	92.5	
5 31 31.0	21 58 59	I 10370	408.8	0.0	92.5	Crab with AI filter
5 32 53.0	22 15 59	I 10292	6583.6	0.0	92.5	Crab with AI filter
5 32 57.6	-68 11 59	I 2415	157.8	1807.7	66.2	
5 32 59.0	-5 56 28	I 5094	137.1	202.2	97.3	
5 35 23.3	-70 03 54	I 6500	0.0	3640.3		
5 36 22.9	-70 00 35	I 6502	0.0	3688.0		
5 38 51.6	-70 04 26	I 6504	0.0	8501.1	-108.5	
7 38 60.0	-19 54 00	I 6910	0.0	0.0		prd tape unreadable
8 02 03.8	10 23 55	I 181	0.0	852.5		Same observation as I10181
8 13 24.0	-38 33 00	I 10764	0.0	0.0		no usable data
8 13 24.0	-38 33 00	I 10767	0.0	0.0		deleted observation
8 51 48.0	20 14 00	I 1993	230.6	696.3	-106.1	
8 55 55.6	14 21 24	I 8980	0.0	5784.6	-104.7	
9 13 15.8	66 25 21	I 8908	0.0	819.2	60.4	
9 51 36.0	69 18 00	I 2103	0.0	2364.5	-136.2	
10 15 30.0	-46 09 00	I 6441	0.0	0.0		High Voltage Off
10 30 54.0	60 17 00	I 2652	276.2	1270.1	-109.2	
10 35 57.9	-61 04 05	I 1171	0.0	1584.3	-120.6	
10 52 36.4	60 44 11	I 3206	138.2	2026.6	50.1	
10 59 60.0	-77 10 01	I 10349	0.0	2268.8	-143.4	
11 10 56.9	70 56 59	I 3084	0.0	737.3	45.8	
11 37 09.3	66 04 27	I 485	295.7	1933.4	38.7	
11 40 08.0	58 21 18	I 3036	0.0	1533.4	-131.1	
11 41 04.0	-61 32 36	I 3944	0.0	1617.3	59.6	
11 46 11.4	59 41 40	I 4553	0.0	1720.0	-125.7	
11 59 57.6	00 02 57	I 8760	0.0	3156.2	-67.4	

Table E Omitted Observations

POSITION(1950)			SEQ #	TIME (sec)		ROLL ANGLE (degrees)	COMMENTS
RA	DEC			LIVE	REJECT		
12 00 47.5	04 31 02	I 7474	0.0	6926.7	-113.9		
12 07 32.9	-22 20 30	I 7684	0.0	5950.1	-110.2		
12 28 18.0	12 40 01	I 10361	19082.9	0.0	-1.9	AI filter	
12 34 25.2	14 29 36	I 7012	0.0	0.0	-112.3		
12 39 08.0	-1 11 00	I 5544	0.0	500.2	-114.0		
12 45 14.9	14 02 06	I 7019	0.0	0.0	-114.8		
14 04 37.9	-26 46 52	I 9980	0.0	2204.2	-113.6		
14 26 41.0	-61 48 48	I 4091	0.0	1700.2	67.5		
15 22 60.0	-57 53 59	I 769	117.9	41.0	70.1		
15 41 52.0	-16 45 24	I 7670	0.0	0.0		fpcs data only	
16 01 23.8	66 56 28	I 10063	0.0	0.0	-150.7		
16 07 11.4	45 03 54	I 4888	157.7	4050.2	-143.8		
16 14 05.9	-22 52 00	I 6408	259.9	19.8	-100.0		
16 25 59.9	-23 00 00	I 8376	275.0	1291.8	-95.9		
16 27 60.0	-25 30 00	I 3831	197.5	2436.5	80.5		
16 27 60.0	-25 30 00	I 8378	295.1	1472.3	-95.6		
16 42 13.0	69 02 00	I 7192	0.0	2185.0	-45.8		
16 51 00.7	82 07 22	I 3221	0.0	1440.0	-95.4		
17 01 29.9	-24 41 00	I 6411	0.0	0.0		gyro problems	
17 06 59.8	60 48 00	I 3064	0.0	0.0		only slew data	
17 09 25.9	-23 18 36	I 8930	0.0	0.0		gyro problems	
17 18 18.9	66 49 13	I 8902	0.0	1996.8	-15.0		
17 18 56.0	-24 57 05	I 7901	0.0	0.0		gyro problems	
17 23 02.1	68 26 52	I 8905	233.0	946.6	-8.1		
17 26 26.8	31 48 00	I 224	149.0	1278.4	-96.9		
17 27 45.0	65 57 11	I 8863	0.0	1015.4	-25.2		
17 28 52.7	68 17 36	I 8878	0.0	742.4	-9.4		
17 28 56.8	-24 42 42	I 6620	0.0	0.0		gyro problems	
17 29 36.0	-27 10 59	I 2523	0.0	491.5	86.6		
17 33 03.8	65 47 02	I 8801	10.9	0.0	-13.0		
17 34 28.0	61 54 44	I 10103	7.1	1758.1	-175.9		
17 34 44.5	68 06 47	I 8841	0.0	1043.8	-18.8		
17 36 28.3	65 04 03	I 8798	0.0	1648.6	-25.2		
17 37 56.1	63 43 39	I 8854	0.0	1429.1	-19.6		
17 38 05.9	63 46 56	I 8832	84.0	0.0	-19.6		
17 38 42.2	69 11 12	I 8843	0.0	644.2	-19.7		
17 39 45.0	64 20 32	I 8853	0.0	1059.2	-18.0		
17 40 25.4	67 55 56	I 8600	158.2	0.0	-16.7		
17 42 33.0	68 27 59	I 8805	0.0	1583.4	-16.6		
17 43 07.8	70 14 54	I 8851	277.2	0.0	-20.8		
17 44 35.9	64 09 24	I 8796	252.4	819.2	-21.1		
17 44 43.6	68 59 30	I 8807	0.0	929.6	-21.1		
17 46 04.9	67 43 59	I 8806	0.0	1059.2	-21.4		
17 46 15.3	19 34 50	I 10724	21710.2	0.0	-77.0	IPC calibration + AI filter	
17 47 35.2	63 25 35	I 8868	0.0	641.9	-21.8		
17 48 16.9	68 16 13	I 8777	0.0	1110.1	-21.9		
17 49 28.5	63 56 55	I 8834	0.0	1048.0	-24.2		
17 50 22.4	62 41 21	I 8842	0.0	629.1	-22.4		
17 50 26.4	65 44 31	I 8753	0.0	1644.5	-18.4		
17 50 38.8	68 47 32	I 8810	0.0	1039.7	-22.5		
17 51 13.4	63 07 49	I 8830	276.3	636.2	-22.6		
17 52 41.2	69 18 52	I 8808	0.0	1631.0	-21.5		
17 53 53.2	68 03 02	I 8755	108.4	81.9	-23.2		
17 56 10.0	64 15 21	I 8794	196.5	771.2	-23.8		
17 56 55.7	23 43 54	I 10754	45170.6	0.0	-92.0	AI filter	
17 57 37.6	66 02 37	I 8738	0.0	1105.0	-24.1		
18 00 17.8	69 13 00	I 6266	0.0	2315.8	165.5		
18 01 23.9	62 45 43	I 8827	0.0	806.4	-23.0		
18 01 55.9	68 20 19	I 8779	0.0	1118.1	-25.1		
18 02 01.6	68 23 50	I 8595	0.0	976.3	-25.0		
18 05 24.5	65 03 16	I 8747	0.0	1537.0	-15.8		
18 07 03.1	70 38 56	I 8906	51.8	81.9	-23.9		
18 07 54.8	64 18 08	I 8765	0.0	1018.2	-20.4		
18 10 04.7	63 30 11	I 8791	216.7	771.8	-31.0		
18 11 30.8	-17 09 50	I 8133	0.0	0.0		calibration data - unable to process	
18 12 31.1	64 02 45	I 8790	0.0	942.1	-19.5		
18 12 39.5	65 18 45	I 8762	0.0	0.0	-27.5		
18 12 54.3	67 50 56	I 8811	0.0	541.4	-27.6		
18 15 24.9	-66 06 11	I 5053	196.7	1473.3	82.5		
18 15 56.8	69 36 44	I 8886	157.4	1510.4	-27.7		

Table E Omitted Observations

POSITION(1950)			SEQ #	TIME (sec)		ROLL ANGLE (degrees)	COMMENTS
RA	DEC			LIVE	REJECT		
18 18 00.9	66 19 25	I 8761	37.7	0.0	-28.7		
18 19 23.0	68 54 03	I 8654	224.2	193.3	-29.1		
18 21 35.2	63 30 41	I 8862	289.4	0.0	-17.1		
18 21 37.8	69 20 34	I 8655	0.0	1898.2	-29.6		
18 23 26.3	67 18 43	I 8592	216.4	0.0	-30.0		
18 24 50.3	69 49 51	I 8669	0.0	817.6	-30.4		
18 25 14.1	69 51 46	I 8591	0.0	1181.4	-30.4		
18 26 41.2	64 29 42	I 8867	260.6	449.9	-30.7		
18 28 25.4	67 00 42	I 8800	118.9	0.0	-31.1		
18 30 20.1	66 14 32	I 8644	39.4	0.0	-27.5		
18 30 21.8	69 34 14	I 8910	0.0	0.0	-31.6		
18 31 10.9	64 12 32	I 8871	0.0	0.0	-29.3		
18 31 22.0	67 30 31	I 8784	156.5	327.7	-31.8		
18 32 44.5	67 30 51	I 8783	0.0	993.3	-32.2		
18 35 07.1	65 57 11	I 8858	0.0	1026.6	-32.6		
18 36 23.8	-78 37 59	I 10161	271.4	615.4	-46.5		
18 38 04.2	66 25 25	I 8856	0.0	1097.3	-33.3		
18 39 40.9	65 38 37	I 8859	0.0	985.9	-33.6		
19 04 56.4	07 01 50	I 2677	275.7	691.5	-83.0		
19 05 44.8	43 56 12	I 9943	0.0	242.6	87.9		
19 26 11.8	50 19 12	I 7153	113.3	1655.7	-89.4		
19 28 49.1	73 51 45	I 7589	13.0	2925.4	-95.5		
20 25 33.4	-19 13 48	I 4064	0.0	0.0	-76.4		
20 37 04.8	51 07 01	I 2179	236.1	18.2	-60.2		
20 38 02.6	75 24 58	I 8045	0.0	0.0		gyro problems	
20 44 33.9	-2 47 26	I 8981	283.5	6.1	-113.3		
20 58 35.8	41 43 48	I 7154	0.0	0.0		prd tape unreadable	
21 41 12.7	17 29 49	I 9669	0.0	980.5	127.2		
21 41 12.7	17 29 49	I 9670	0.0	3492.5	127.3		
22 03 25.6	-18 50 16	I 7183	0.0	0.6	107.8		
22 04 40.9	25 05 00	I 5654	0.0	4048.6	129.5		
22 13 11.2	56 47 37	I 8924	74.2	2242.2	156.0		
22 30 07.3	11 28 26	I 7184	252.8	369.3	118.5		
22 52 42.8	-3 26 42	I 10331	79.2	5078.7	113.0		
23 33 59.8	20 53 00	I 7703	0.0	3235.8	115.4		

APPENDIX F

Deleted Detections

Detections that occurred “at random” within extended sources were deleted whenever we had reasonable confidence that the detections were spurious: i.e., in clusters of galaxies, supernova remnants, and ghost images of strong sources outside the field of view. For those cases where discrete sources were expected *a priori* to be embedded in extended emission (e.g., M31, Orion), deletions were not made. Since some subjectivity remains in this process, we present a list of deleted detections here.

The table contains the following parameters:

- Sequence number of the observation from which the detection was deleted
- Original Rev1B source number of deleted detection
- Position of the deleted detection, 1950 [RA & DEC]
- Intensity correction factor SIZCOR, listed here as a diagnostic (see § 5.7)
- Count rate (corrected for vignetting and scattering)
- Deletion code: “L” indicates removal of a detection found with LDETECT; “M,” with MDETECT (see § A.6).

Table F Deleted Detections

Number		Position		SIZ COR	COUNT RATE	L/M
SEQ #	Rev IB	RA (1950)	DEC (1950)			
I 6012	08	0 17 58	28 24 38	7.59	0.0325	M
I 292	01	0 38 20	- 09 34 42	0.50	0.0043	L
I 2082	03	0 44 40	- 25 32 10	45.94	0.0051	M
I 8992	03	0 53 19	- 10 16 51	4.58	0.0073	M
I 8992	05	0 53 29	- 10 16 50	5.12	0.0074	M
I 6308	08	1 04 33	32 06 23	7.39	0.0082	M
I 1759	10	1 04 36	32 14 40	11.80	0.0064	M
I 1759	11	1 04 36	32 09 37	11.36	0.0149	M
I 1759	13	1 04 44	32 10 48	8.61	0.0126	M
I 6083	05	1 12 18	00 02 07	0.00	0.0070	M
I 6083	06	1 12 24	00 00 48	24.92	0.0061	M
I 6083	11	1 12 34	00 01 23	0.00	0.0090	M
I 6813	02	1 14 42	63 31 12	55.70	0.0098	M
I 7766	04	1 20 16	33 06 46	68.42	0.0063	M
I 7766	07	1 20 25	33 04 34	99.49	0.0044	M
I 6084	09	1 23 14	- 01 38 57	7.66	0.0085	M
I 11047	08	1 23 14	- 01 38 52	7.08	0.0078	M
I 11047	10	1 23 17	- 01 40 14	8.28	0.0077	M
I 6084	11	1 23 20	- 01 33 05	12.39	0.0057	M
I 11047	11	1 23 23	- 01 33 15	13.17	0.0050	M
I 2090	07	1 30 35	30 20 08	148.12	0.0043	M
I 11160	13	1 31 23	30 19 52	244.04	0.0026	M
I 7564	05	2 11 54	62 25 21	9.70	0.0123	M
I 7564	06	2 11 55	62 21 16	9.87	0.0124	M
I 7564	07	2 12 13	62 36 01	4.55	0.0105	M
I 7564	08	2 12 17	62 24 39	11.94	0.0100	M
I 7564	10	2 12 33	62 37 20	4.21	0.0111	M
I 7564	13	2 12 58	62 24 10	10.18	0.0120	M
I 7564	17	2 13 54	62 32 55	4.72	0.0125	M
I 1773	06	2 43 07	36 44 37	11.92	0.0189	M
I 6085	01	2 54 26	05 49 07	69.87	0.0041	M
I 6085	02	2 54 37	05 43 03	61.43	0.0046	M
I 11074	03	2 54 42	05 48 08	26.66	0.0099	M
I 6085	05	2 54 50	05 43 06	35.47	0.0080	M
I 1824	05	2 54 52	05 46 59	10.95	0.0178	M
I 11074	07	2 54 52	05 38 43	65.00	0.0042	M
I 11074	08	2 54 53	05 43 28	30.76	0.0078	M
I 11074	09	2 54 56	05 47 02	13.43	0.0186	M
I 1824	07	2 55 01	05 52 12	10.03	0.0206	M
I 1824	08	2 55 02	05 47 48	9.07	0.0200	M
I 1824	10	2 55 07	05 45 35	10.92	0.0183	M
I 11074	16	2 55 23	05 50 15	58.60	0.0058	M
I 1825	03	2 58 40	35 40 53	5.63	0.0158	M
I 2483	01	3 15 30	41 13 35	475.55	0.0136	L
I 4478	02	3 16 22	41 25 47	100.01	0.0551	L
I 11303	13	3 30 52	43 23 28	5.46	0.0213	M
I 1829	06	3 40 44	- 53 50 47	83.58	0.0120	M
I 1829	08	3 41 12	- 53 38 35	124.00	0.0088	M
I 6018	02	3 43 58	- 24 29 07	6.45	0.0181	M
I 5849	02	5 20 46	- 71 50 12	36.70	0.0172	M
I 5849	03	5 21 22	- 71 54 27	38.96	0.0138	M
I 5861	03	5 21 55	- 69 33 16	113.18	0.0138	L
I 5849	06	5 22 24	- 72 05 41	36.01	0.0167	M
I 2571	08	5 33 04	- 05 18 12	28.42	0.0204	L
I 6300	08	5 36 53	- 70 12 21	2.52	0.0157	M
I 6517	02	5 37 03	- 69 13 04	726.63	0.0137	L
I 6300	09	5 37 20	- 70 17 52	3.67	0.0090	M
I 6300	11	5 39 03	- 70 19 06	2.67	0.0108	M
I 6301	03	5 39 09	- 69 11 23	60.65	0.0142	L
I 6301	05	5 39 33	- 68 58 43	113.54	0.0069	L
I 6517	05	5 39 48	- 69 29 08	499.38	0.0142	L
I 6301	07	5 40 28	- 69 26 52	38.69	0.0188	L
I 6301	09	5 41 40	- 69 34 34	0.00	0.0297	L
I 6530	04	5 42 05	- 69 44 45	446.64	0.0185	L
I 6301	10	5 43 32	- 69 00 35	146.97	0.0071	L
I 1834	02	5 46 38	- 25 26 55	3.63	0.0504	M
I 5928	02	6 12 14	22 37 36	89.32	0.0140	L
I 5928	05	6 12 20	22 43 22	83.65	0.0185	L
I 3798	02	6 13 41	22 38 11	120.28	0.0437	L
I 3797	02	6 13 53	22 35 14	109.11	0.0461	L

Number		Position		SIZ COR	COUNT RATE	L/M
SEQ #	Rev IB	RA (1950)	DEC (1950)			
I 3798	05	6 14 04	22 22 45	116.07	0.0400	L
I 3797	05	6 14 24	22 52 41	50.36	0.0734	L
I 3797	06	6 14 38	22 46 39	60.97	0.0556	L
I 3797	07	6 14 56	22 36 09	81.90	0.0583	L
I 3798	11	6 15 05	22 29 33	167.99	0.0369	L
I 11180	03	7 16 22	55 49 40	105.03	0.0055	M
I 11180	04	7 16 33	55 47 34	90.70	0.0040	M
I 11180	09	7 18 27	55 53 50	86.93	0.0049	M
I 11284	11	7 35 12	17 36 51	0.65	0.0026	L
I 11284	13	7 35 23	17 57 25	0.16	0.0024	L
I 5500	03	7 56 17	- 53 08 06	8.34	0.0136	M
I 2158	01	8 17 07	- 42 35 35	1.23	0.0159	L
I 2155	02	8 18 08	- 42 43 36	44.45	0.1380	L
I 2158	04	8 18 19	- 42 50 11	198.39	0.1820	L
I 2158	05	8 18 22	- 42 40 40	322.24	0.0544	L
I 2155	03	8 18 25	- 42 50 37	34.97	0.0958	L
I 2156	02	8 18 25	- 42 50 53	58.44	0.1769	L
I 2155	04	8 18 29	- 43 00 56	170.67	0.0305	L
I 2156	03	8 18 33	- 42 52 10	70.41	0.1103	L
I 2158	08	8 18 35	- 42 54 23	315.23	0.1129	L
I 3754	01	8 18 36	- 42 39 11	169.36	0.1818	L
I 3754	02	8 18 49	- 42 42 55	130.48	0.1107	L
I 2158	09	8 18 52	- 42 47 46	100.55	0.4405	L
I 2155	06	8 18 54	- 42 48 04	13.26	0.4535	L
I 3754	03	8 19 05	- 42 41 30	102.10	0.1591	L
I 2158	12	8 19 09	- 42 39 53	114.75	0.2749	L
I 2158	13	8 19 09	- 43 03 02	684.19	0.0430	L
I 2156	05	8 19 14	- 43 08 28	218.77	0.0348	L
I 2156	07	8 19 17	- 42 56 04	93.50	0.0723	L
I 3755	02	8 19 23	- 42 35 26	219.83	0.1077	L
I 2158	15	8 19 25	- 42 57 53	317.49	0.0848	L
I 2156	10	8 19 32	- 43 06 44	225.08	0.0350	L
I 3754	04	8 19 34	- 42 32 29	83.20	0.3486	L
I 2158	17	8 19 35	- 42 32 57	119.03	0.3718	L
I 2156	11	8 19 35	- 43 11 29	283.64	0.0387	L
I 2158	18	8 19 40	- 43 00 40	306.07	0.1026	L
I 2158	19	8 19 42	- 42 44 08	98.06	0.2068	L
I 2156	14	8 19 49	- 43 12 34	314.53	0.0302	L
I 3755	04	8 19 50	- 42 43 36	166.58	0.1908	L
I 2158	21	8 19 51	- 42 34 56	203.79	0.0836	L
I 3755	05	8 19 52	- 42 38 11	270.15	0.0941	L
I 3754	07	8 19 56	- 42 28 21	73.27	0.2288	L
I 2156	16	8 20 01	- 43 10 31	380.00	0.0310	L
I 3755	06	8 20 12	- 42 40 00	103.88	0.4261	L
I 2158	22	8 20 13	- 42 39 51	53.48	0.7616	L
I 2158	23	8 20 14	- 42 50 45	142.76	0.2100	L
I 3754	08	8 20 14	- 42 26 50	40.26	0.8467	L
I 3755	07	8 20 16	- 42 27 09	78.10	0.8264	L
I 2158	24	8 20 16	- 42 47 28	163.79	0.1020	L
I 2155	10	8 20 16	- 43 03 22	39.48	0.1040	L
I 2158	25	8 20 17	- 42 27 18	45.63	1.1024	L
I 3754	10	8 20 21	- 42 36 22	31.22	0.6658	L
I 3753	01	8 20 23	- 42 59 30	219.74	0.1075	L
I 3753	02	8 20 28	- 43 16 12	1956.43	0.0376	L
I 2156	21	8 20 33	- 42 53 07	50.79	0.1239	L
I 3754	11	8 20 34	- 42 22 55	141.80	0.1239	L
I 2158	29	8 20 40	- 42 46 18	97.83	0.1241	L
I 3754	12	8 20 41	- 42 39 37	30.58	0.1899	L
I 2158	31	8 20 43	- 42 33 39	63.42	0.2514	L
I 2158	32	8 20 47	- 42 43 56	83.83	0.2573	L
I 3753	03	8 20 57	- 42 57 41	182.39	0.1414	L
I 3755	10	8 20 58	- 42 28 51	126.56	0.1341	L
I 3755	11	8 21 00	- 42 48 19	115.64	0.2713	L
I 3754	15	8 21 03	- 42 28 14	41.62	0.4262	L
I 3755	12	8 21 04	- 42 28 21	119.33	0.2460	L
I 3754	16	8 21 05	- 42 34 25	27.03	0.3699	L
I 2158	34	8 21 07	- 42 48 10	54.89	0.2704	L
I 3753	04	8 21 19	- 42 52 16	65.17	0.3826	L
I 3755	15	8 21 20	- 42 51 55	101.90	0.4446	L
I 3756	03	8 21 25	- 42 31 09	51.76	0.2904	L

Table F Deleted Detections

Number		Position		SIZ	COUNT	L/M
SEQ #	Rev 1B	RA (1950)	DEC (1950)			
I 3753	05	8 21 28	-43 04 32	273.28	0.0949	L
I 3756	04	8 21 35	-42 47 13	31.67	0.5124	L
I 3756	05	8 21 43	-42 34 34	53.07	0.6723	L
I 3753	08	8 21 53	-42 41 41	25.71	0.3571	L
I 3753	09	8 21 56	-42 58 58	170.48	0.0883	L
I 3755	19	8 21 57	-42 40 52	43.40	0.5126	L
I 2156	23	8 22 00	-43 05 47	75.48	0.1426	L
I 3756	06	8 22 04	-42 37 30	95.72	0.2859	L
I 3755	20	8 22 04	-42 47 05	64.03	0.3466	L
I 3756	08	8 22 08	-42 40 58	42.87	0.7826	L
I 3755	21	8 22 15	-43 02 02	176.10	0.1329	L
I 3756	09	8 22 21	-42 49 10	25.50	2.0300	L
I 3753	11	8 22 27	-42 49 02	17.35	3.0558	L
I 3755	22	8 22 27	-42 49 05	41.62	1.4883	L
I 3756	12	8 22 30	-42 57 41	51.88	0.3418	L
I 3753	12	8 22 31	-42 58 38	62.62	0.3452	L
I 3755	24	8 22 38	-42 55 31	100.96	0.3165	L
I 182	01	8 25 23	30 33 42	6.51	0.0260	M
I 7337	06	8 25 32	30 28 40	56.28	0.0032	M
I 7337	07	8 25 39	30 31 43	20.48	0.0094	M
I 8033	01	8 28 36	-43 43 39	176.44	0.0497	L
I 8033	02	8 28 39	-44 03 51	104.69	0.0630	L
I 740	01	8 31 25	-44 54 57	283.89	0.0349	L
I 8032	04	8 31 49	-43 24 24	105.62	0.1112	L
I 733	03	8 32 37	-43 16 54	241.07	0.0595	L
I 10765	03	8 35 35	-44 44 36	160.94	0.0444	L
I 722	03	8 43 23	-42 31 33	292.72	0.0348	L
I 736	01	8 44 55	-45 43 17	211.79	0.0310	L
I 731	01	8 52 35	-46 15 18	161.09	0.0631	L
I 725	02	8 53 57	-45 01 59	57.02	0.0702	L
I 253	08	9 59 55	20 44 55	5.22	0.0065	M
I 6023	10	10 11 33	-00 39 14	16.64	0.0121	M
I 6114	02	10 34 51	-27 09 44	90.11	0.0092	L
I 6079	04	10 58 05	10 49 09	9.36	0.0057	M
I 6079	06	10 58 11	10 46 59	6.10	0.0090	M
I 6079	09	10 58 15	10 54 07	13.96	0.0044	M
I 2161	01	10 58 55	-60 34 36	0.85	0.0056	L
I 6120	07	11 31 46	49 21 02	10.13	0.0098	M
I 6120	08	11 31 51	49 24 01	11.53	0.0085	M
I 6120	13	11 32 13	49 20 59	8.46	0.0100	M
I 296	05	11 42 14	20 03 47	69.74	0.0112	L
I 6060	01	11 42 21	19 56 27	46.04	0.0124	L
I 7718	02	11 47 36	-62 29 37	30.10	0.0467	L
I 7718	03	11 48 12	-62 03 46	31.56	0.0424	L
I 7718	04	11 48 31	-62 19 22	27.38	0.0486	L
I 7718	06	11 48 52	-62 00 52	13.36	0.1227	L
I 7718	09	11 50 20	-61 59 12	83.07	0.0165	L
I 352	01	12 07 43	39 39 07	72.25	0.0051	M
I 9679	04	12 09 02	-52 23 57	32.12	0.0269	L
I 278	04	12 23 35	13 16 55	47.73	0.0158	L
I 278	06	12 24 22	13 06 17	265.48	0.0044	L
I 277	02	12 28 08	12 36 15	48.63	0.0414	L
I 11099	03	12 28 28	12 28 26	211.94	0.0091	L
I 277	04	12 28 41	12 19 54	322.30	0.0318	L
I 6056	15	12 44 07	-41 04 17	6.19	0.0169	M
I 6056	18	12 44 09	-41 10 23	8.62	0.0097	M
I 6056	20	12 44 24	-41 08 29	16.25	0.0146	M
I 1792	03	12 57 39	28 09 46	42.32	0.0401	L
I 11178	10	14 01 36	54 34 08	4.34	0.0081	M
I 11031	09	14 16 07	-12 58 15	65.77	0.0037	M
I 2164	01	14 36 45	-62 17 28	35.98	0.0777	L
I 2164	05	14 38 10	-62 00 13	94.36	0.0456	L
I 2164	06	14 38 22	-62 31 14	31.23	0.1414	L
I 716	01	14 58 22	-41 47 30	66.24	0.0568	L
I 716	03	14 58 54	-41 54 44	41.25	0.0550	L
I 716	05	14 59 19	-41 32 41	147.04	0.0242	L
I 7925	03	15 11 47	-58 57 53	111.69	0.0134	L
I 7488	01	15 21 51	30 07 39	21.99	0.0115	M
I 7488	03	15 22 08	30 00 41	7.27	0.0376	M
I 3156	03	15 44 23	-53 37 40	18.08	0.0096	M

Number		Position		SIZ	COUNT	L/M
SEQ #	Rev 1B	RA (1950)	DEC (1950)			
I 3156	05	15 44 38	-53 36 19	13.96	0.0125	M
I 3156	06	15 44 43	-53 38 38	16.14	0.0085	M
I 3156	08	15 44 52	-53 41 29	15.26	0.0105	M
I 3156	09	15 44 59	-53 38 48	12.56	0.0128	M
I 3156	11	15 45 01	-53 37 14	14.12	0.0118	M
I 3156	14	15 45 18	-53 37 22	17.84	0.0081	M
I 3156	15	15 45 27	-53 41 01	21.84	0.0088	M
I 11142	17	15 46 47	21 25 22	2.31	0.0045	M
I 3713	10	16 02 21	17 59 21	49.24	0.0048	M
I 3157	04	16 14 03	-50 52 41	23.95	0.1211	L
I 322	08	16 15 43	35 05 22	11.49	0.0055	M
I 322	09	16 15 44	35 12 08	11.58	0.0060	M
I 322	10	16 15 48	35 07 46	11.29	0.0071	M
I 322	11	16 15 50	35 03 33	10.65	0.0067	M
I 3749	17	16 24 24	-24 33 05	3.43	0.0079	M
I 11182	01	16 59 38	60 44 35	0.00	0.0084	M
I 7528	05	17 05 39	78 43 44	13.73	0.0259	L
I 300	01	17 05 41	78 42 52	15.26	0.0223	L
I 7527	01	17 05 59	78 43 29	11.62	0.0322	L
I 7527	02	17 07 08	78 42 13	11.86	0.0236	L
I 300	03	17 07 36	78 41 11	15.26	0.0183	L
I 8672	05	17 11 55	64 13 31	10.65	0.0064	M
I 8672	07	17 12 43	64 11 13	6.46	0.0211	M
I 8672	10	17 13 04	64 11 10	10.63	0.0186	M
I 8672	12	17 13 24	64 12 57	9.91	0.0076	M
I 5045	01	17 44 02	-26 38 48	221.67	0.0274	L
I 5045	03	17 44 48	-26 28 28	86.07	0.0729	L
I 4670	02	17 57 34	-23 19 16	42.34	0.0375	L
I 3124	01	17 58 33	-24 42 02	15.95	0.1043	L
I 4670	05	17 58 41	-23 18 57	50.55	0.0313	L
I 3124	02	17 58 50	-24 48 57	8.27	0.1771	L
I 3124	03	17 59 32	-24 34 56	36.27	0.0201	L
I 3124	04	17 59 54	-24 46 05	13.43	0.0356	L
I 767	03	18 53 36	01 29 04	69.52	0.0255	L
I 5282	07	19 06 46	04 50 37	1.60	0.0061	M
I 5282	08	19 06 52	04 59 37	18.34	0.0064	M
I 5282	11	19 07 06	05 01 19	20.28	0.0053	M
I 5282	12	19 07 14	04 59 19	9.07	0.0110	M
I 5282	16	19 07 47	04 56 46	9.80	0.0117	M
I 3456	03	19 19 43	43 52 29	13.24	0.0330	L
I 5735	04	20 08 52	-57 00 36	18.85	0.0229	L
I 3374	03	20 30 22	40 46 49	7.47	0.0416	M
I 3374	09	20 30 52	40 47 48	4.88	0.0638	M
I 4221	07	20 30 55	40 50 24	163.65	0.0430	L
I 4221	08	20 31 02	40 40 52	228.49	0.0156	L
I 3762	20	20 42 34	30 11 24	20.97	0.0227	M
I 3760	02	20 43 18	30 51 04	213.00	0.0774	L
I 3778	09	20 43 31	30 00 08	11.44	0.0359	M
I 3778	11	20 43 39	29 57 36	11.51	0.0357	M
I 3778	12	20 43 40	30 00 35	8.21	0.0580	M
I 5273	01	20 43 40	30 53 59	80.78	0.1104	L
I 3761	07	20 43 41	30 51 02	34.53	0.1672	L
I 2194	04	20 43 41	31 28 10	69.73	0.0807	L
I 3760	03	20 43 42	30 24 56	333.66	0.1003	L
I 3768	01	20 43 42	30 24 28	274.26	0.0740	L
I 2201	06	20 43 43	30 49 53	60.47	0.2702	L
I 3760	05	20 43 43	30 51 11	57.78	0.2329	L
I 3778	14	20 43 43	30 02 00	21.29	0.0866	M
I 5273	02	20 43 44	30 49 19	52.02	0.2715	L
I 3760	07	20 43 47	30 46 42	56.70	0.2113	L
I 3761	09	20 43 47	30 43 11	60.39	0.1730	L
I 3778	16	20 43 50	30 00 33	13.35	0.0779	M
I 3778	17	20 43 54	29 57 04	14.17	0.0367	M
I 3760	08	20 43 55	30 43 30	70.57	0.1201	L
I 3778	18	20 43 55	29 51 06	15.44	0.0376	M
I 3768	03	20 43 56	30 42 43	59.71	0.2119	L
I 5273	03	20 43 58	30 42 06	88.41	0.1091	L
I 2200	01	20 44 01	31 14 01	149.25	0.1025	L
I 5273	04	20 44 01	30 37 04	131.62	0.0684	L
I 3760	10	20 44 02	30 36 50	112.13	0.0932	L

Table F Deleted Detections

Number		Position		SIZ	COUNT	L/M
SEQ #	Rev 1B	RA (1950)	DEC (1950)			
I 5273	05	20 44 02	30 25 46	179.48	0.0566	L
I 3760	09	20 44 04	30 48 36	99.42	0.0817	L
I 3760	11	20 44 05	30 27 21	163.23	0.1064	L
I 5273	07	20 44 09	30 21 59	187.90	0.0494	L
I 3769	07	20 44 16	30 28 03	109.35	0.0902	L
I 2194	07	20 44 19	31 21 15	33.59	0.0951	L
I 2200	03	20 44 20	31 07 14	242.93	0.0713	L
I 2193	04	20 44 20	31 36 37	196.52	0.0467	L
I 3760	12	20 44 21	30 50 37	149.12	0.0689	L
I 3777	02	20 44 38	29 56 28	46.05	0.1038	L
I 2193	06	20 44 41	31 37 57	184.95	0.0431	L
I 3768	06	20 44 47	29 53 12	105.35	0.1254	L
I 3768	07	20 44 51	30 01 49	144.91	0.0934	L
I 3777	04	20 44 57	29 52 05	53.66	0.1118	L
I 2193	07	20 45 00	31 47 59	195.12	0.0401	L
I 2193	08	20 45 04	31 38 32	165.97	0.0704	L
I 2192	01	20 45 07	31 51 38	333.71	0.0606	L
I 3768	08	20 45 09	30 10 58	211.03	0.0496	L
I 2194	08	20 45 10	31 32 00	44.69	0.1117	L
I 2200	06	20 45 11	31 35 07	218.42	0.0637	L
I 3759	04	20 45 12	31 17 57	153.80	0.0772	L
I 3777	06	20 45 25	29 53 26	44.27	0.1371	L
I 3768	09	20 45 26	29 53 39	83.78	0.1353	L
I 2199	03	20 45 26	31 28 59	307.28	0.0581	L
I 3776	02	20 45 30	29 53 00	63.84	0.1792	L
I 2192	04	20 45 32	31 53 38	182.96	0.1071	L
I 2193	11	20 45 34	31 56 00	101.88	0.0664	L
I 2187	01	20 45 35	31 56 31	16.57	0.1013	L
I 3768	11	20 45 36	30 04 30	135.36	0.0652	L
I 2199	04	20 45 36	31 57 13	452.44	0.0638	L
I 2193	13	20 45 48	32 03 51	168.38	0.0645	L
I 3768	12	20 45 50	30 04 54	151.72	0.0797	L
I 2193	14	20 45 51	32 00 28	141.63	0.0597	L
I 5273	15	20 45 51	30 06 17	126.05	0.0725	L
I 3777	08	20 45 51	29 59 27	62.63	0.1223	L
I 3785	03	20 45 52	29 30 02	33.72	0.0677	L
I 3776	06	20 46 12	29 26 30	161.80	0.0897	L
I 2193	22	20 46 23	31 57 12	166.29	0.0639	L
I 2200	11	20 46 25	31 31 34	186.64	0.1259	L
I 2199	07	20 46 29	31 32 03	391.79	0.0451	L
I 2199	08	20 46 29	31 45 30	477.45	0.0415	L
I 2199	09	20 46 32	31 28 54	379.01	0.0554	L
I 2192	07	20 46 47	31 57 20	136.67	0.0755	L
I 2199	10	20 46 51	31 21 50	282.99	0.0612	L
I 2200	12	20 46 53	31 21 31	184.13	0.0939	L
I 2200	13	20 46 58	31 17 26	238.29	0.0692	L
I 2193	28	20 47 01	32 02 30	39.17	0.1811	L
I 2200	14	20 47 01	31 13 47	232.28	0.0776	L
I 2192	09	20 47 02	32 02 29	109.73	0.1044	L
I 2199	13	20 47 03	32 02 49	154.00	0.1090	L
I 3768	16	20 47 04	30 08 00	316.32	0.0566	L
I 2192	10	20 47 07	31 58 35	130.97	0.0827	L
I 2193	30	20 47 13	31 52 38	67.58	0.1036	L
I 2192	12	20 47 22	31 58 37	116.08	0.1660	L
I 2198	01	20 47 38	31 57 23	214.80	0.1568	L
I 2192	16	20 47 41	31 55 41	116.33	0.0918	L
I 2185	01	20 47 43	32 09 50	6.98	0.1215	L
I 2199	17	20 47 50	31 53 55	128.73	0.1018	L
I 2192	19	20 47 56	31 52 31	102.99	0.1116	L
I 2192	18	20 47 56	31 43 07	141.84	0.0879	L
I 2192	21	20 47 59	32 10 55	156.85	0.1343	L
I 2191	03	20 48 00	32 00 37	156.70	0.0872	L
I 3790	01	20 48 04	29 11 17	77.81	0.0395	L
I 2199	21	20 48 10	31 34 35	185.83	0.1139	L
I 2192	23	20 48 16	31 52 54	138.53	0.0838	L
I 2198	02	20 48 18	31 43 31	214.86	0.1498	L
I 2192	26	20 48 20	31 59 02	87.64	0.1340	L
I 2192	28	20 48 29	31 44 47	132.19	0.1370	L
I 2192	29	20 48 32	31 53 52	119.23	0.1389	L
I 3775	02	20 48 33	30 13 36	231.16	0.0350	L

Number		Position		SIZ	COUNT	L/M
SEQ #	Rev 1B	RA (1950)	DEC (1950)			
I 2191	06	20 48 35	32 04 39	115.75	0.1126	L
I 2206	06	20 48 43	31 24 21	170.21	0.0607	L
I 2199	26	20 48 53	31 47 02	157.38	0.1168	L
I 2198	04	20 49 00	32 09 49	168.69	0.1711	L
I 2206	08	20 49 09	31 21 55	236.41	0.0339	L
I 2191	09	20 49 10	32 09 02	78.10	0.1840	L
I 2191	10	20 49 18	32 00 17	123.15	0.0958	L
I 2206	10	20 49 24	31 05 14	309.91	0.0396	L
I 3765	01	20 49 32	30 53 15	197.01	0.1105	L
I 3766	01	20 49 33	30 52 18	144.93	0.0773	L
I 2198	07	20 49 39	31 57 16	186.27	0.1343	L
I 2191	15	20 49 42	32 11 57	144.63	0.1033	L
I 2206	16	20 49 43	31 16 15	373.04	0.0304	L
I 2206	18	20 49 57	31 00 42	275.32	0.0408	L
I 2205	04	20 49 57	31 25 31	280.16	0.0886	L
I 3774	01	20 50 00	30 45 51	141.23	0.0962	L
I 2198	10	20 50 12	31 45 51	382.73	0.0793	L
I 2198	13	20 50 17	32 09 12	264.29	0.1056	L
I 2191	19	20 50 25	32 09 03	157.94	0.0769	L
I 2190	07	20 50 45	31 57 14	75.99	0.1562	L
I 2191	21	20 50 46	32 00 24	150.77	0.1040	L
I 2191	22	20 50 54	32 12 11	135.52	0.1151	L
I 2197	11	20 51 16	31 56 30	254.99	0.0925	L
I 3783	03	20 51 26	29 42 13	57.82	0.1308	L
I 2190	11	20 51 34	32 01 10	59.23	0.1352	L
I 3788	07	20 52 00	29 41 03	75.73	0.0717	L
I 2190	12	20 52 19	32 06 42	63.29	0.1478	L
I 2197	19	20 52 23	32 06 36	187.53	0.0980	L
I 2197	23	20 52 40	32 02 44	132.27	0.1440	L
I 2196	04	20 52 49	32 00 53	38.84	0.1452	L
I 2197	26	20 52 55	31 58 07	109.21	0.1317	L
I 2204	03	20 53 00	31 36 22	183.85	0.1122	L
I 2197	27	20 53 03	31 55 02	136.66	0.1138	L
I 2196	08	20 53 03	31 44 42	64.67	0.1387	L
I 2196	09	20 53 08	31 54 37	45.36	0.0912	L
I 3772	02	20 53 08	30 32 00	236.04	0.0964	L
I 3787	02	20 53 13	29 46 57	55.70	0.0516	L
I 3781	02	20 53 13	29 44 44	232.38	0.0528	L
I 2204	05	20 53 20	31 39 10	160.49	0.1130	L
I 2196	10	20 53 29	31 48 12	30.36	0.3354	L
I 2204	06	20 53 32	31 48 24	124.33	0.1616	L
I 3781	06	20 53 43	29 49 34	181.17	0.0476	L
I 3765	04	20 53 47	30 50 45	138.83	0.1570	L
I 2197	32	20 53 48	31 45 22	125.51	0.1819	L
I 2204	09	20 53 48	31 44 00	145.49	0.1273	L
I 2196	11	20 53 50	31 40 36	44.63	0.1068	L
I 3764	02	20 53 52	31 08 40	365.57	0.0751	L
I 3764	04	20 53 57	30 56 13	200.63	0.1249	L
I 2203	07	20 53 57	31 45 13	147.45	0.1444	L
I 3781	07	20 53 59	30 14 09	90.53	0.0652	L
I 3772	07	20 54 00	30 33 06	331.99	0.0612	L
I 3787	04	20 54 01	29 47 59	107.67	0.0471	L
I 2204	10	20 54 03	31 31 53	98.98	0.1904	L
I 3780	06	20 54 15	30 14 34	43.21	0.1016	L
I 3763	03	20 54 17	31 30 13	41.51	0.1639	L
I 3773	03	20 54 18	30 22 28	263.47	0.0855	L
I 2204	13	20 54 25	31 26 35	113.78	0.1512	L
I 3772	11	20 54 25	30 37 23	157.53	0.0753	L
I 3772	10	20 54 27	30 12 58	175.11	0.0993	L
I 2204	14	20 54 28	31 31 27	135.95	0.1255	L
I 2203	11	20 54 31	31 32 05	78.47	0.2523	L
I 3780	09	20 54 34	30 10 10	53.23	0.0941	L
I 3764	08	20 54 36	31 20 05	139.67	0.1453	L
I 2204	16	20 54 41	31 28 07	115.49	0.1569	L
I 3787	06	20 54 42	30 10 40	33.71	0.1890	L
I 3764	10	20 54 44	31 09 19	295.99	0.0841	L
I 3764	11	20 54 48	31 14 46	186.72	0.1189	L
I 2203	13	20 54 52	31 25 11	65.83	0.2077	L
I 3764	13	20 54 52	30 43 58	145.21	0.1542	L
I 3772	15	20 54 55	30 43 41	114.90	0.1077	L

Table F Deleted Detections

Number		Position			SIZ COR	COUNT RATE	L/M
SEQ #	Rev 1B	RA (1950)	DEC (1950)				
I 3763	10	20 55 03	31 18 01	87.10	0.0954	L	
I 3763	11	20 55 08	31 00 16	43.76	0.1759	L	
I 3764	16	20 55 09	30 55 09	139.66	0.1543	L	
I 3772	17	20 55 09	30 50 27	70.19	0.2057	L	
I 3771	05	20 55 10	31 00 05	26.59	0.1668	L	
I 3764	17	20 55 11	31 04 36	163.81	0.1183	L	
I 3763	12	20 55 12	30 51 12	48.83	0.4590	L	
I 3772	20	20 55 12	31 00 50	73.91	0.1949	L	
I 3771	06	20 55 15	30 48 27	39.73	0.1969	L	
I 3764	18	20 55 18	31 00 54	112.14	0.1315	L	
I 2203	16	20 55 21	31 18 27	191.57	0.0973	L	
I 3764	19	20 55 27	30 57 48	166.21	0.1884	L	
I 3763	14	20 55 31	31 14 23	245.17	0.0477	L	
I 3772	21	20 55 34	31 05 58	303.31	0.1292	L	
I 528	07	21 25 52	- 14 55 02	3.38	0.0041	M	

Number		Position			SIZ COR	COUNT RATE	L/M
SEQ #	Rev 1B	RA (1950)	DEC (1950)				
I 2068	02	22 15 42	- 04 05 20	8.21	0.0244	M	
I 129	04	22 21 15	- 01 52 56	5.27	0.0400	M	
I 129	08	22 21 27	- 01 50 51	6.66	0.0267	M	
I 11307	03	22 59 20	58 29 21	88.37	0.0147	L	
I 8102	05	22 59 37	58 51 08	51.40	0.0396	L	
I 9984	04	22 59 51	58 37 52	39.81	0.0460	L	
I 11307	05	22 59 52	58 37 53	43.30	0.0321	L	
I 11307	07	22 59 56	58 48 44	54.38	0.0251	L	
I 11307	09	23 00 18	58 46 29	60.00	0.0201	L	
I 9986	04	23 00 18	58 26 58	70.97	0.0294	L	
I 11307	10	23 00 30	58 26 20	74.74	0.0221	L	
I 290	04	23 41 54	08 50 11	104.38	0.0045	M	
I 538	01	23 42 28	08 56 31	3.39	0.0569	M	
I 4268	06	23 54 53	- 35 00 54	5.85	0.0151	M	

APPENDIX G

Omitted Sources: Objects Not in the IPC Source List

Certain types of sources tended to be omitted from the IPC source list. Here we briefly describe some of the reasons for this and provide a list of “known” omissions.

G.1 Reasons for Omission

- Extended sources not found by the detection algorithms. MDETECT, which is capable of finding extended sources, was not always run (as described in § A.6). LDETECT requires a significant gradient in the counts per detect cell because the background is measured in a frame around the detect window. If a source is of low surface brightness without a pronounced peak of scale size comparable to the point response function, it can be missed by LDETECT. This was often the case for supernova remnants and clusters of galaxies, but also occurred for smaller extended sources.
- Sources in low exposure fields. A minimum effective exposure criterion of 300 s live time was applied for inclusion in the catalog; sources appearing in fields (or regions of fields) excluded for this reason do not appear.
- Sources missed because their effective exposure was less than 25% of that at the field center. This criterion was imposed to minimize detector edge effects.
- Manually deleted sources. For detections which occurred “at random” within regions of extended emission, entries were deleted when we had reasonable confidence that the detections were indeed spurious (e.g., in supernova remnants and clusters of galaxies). However, when discrete sources were expected *a priori* to be embedded in extended emission (e.g., M31, Orion), deletions were not made. Since these criteria are admittedly subjective, we present a list of deleted sources in Appendix F. As a result of this process, some sources become “missed” once all “spurious detections” have been deleted.
- Sources lost near rib shadows and field edges. The detect algorithms (particularly LDETECT) often failed near the rib shadows or field edges.

G.2 Table of Omitted Sources

The information contained in this table is intended to be useful in determining why a particular source is not present in the IPC source list. This list was generated by visual inspection of the contour plots and is therefore subjective. The guidelines for inclusion were as follows: three or more contours for sources within the rib shadows, four or more contours for the outer areas, and a requirement that the source was “discrete” in the sense that it was not embedded within a 3σ contour which also included a detected source. In a few crowded fields (e.g., Orion), we did not list all possible missed sources, since there were so many detected sources.

The table provides the following:

- Approximate source position (epoch 1950). Positions are not uniformly accurate; sometimes they have been obtained from independent analyses and sometimes from the contour plots. For a few supernova remnants of large angular size, the position given is the field center for the principal observation.
- Sequence number of the observation.
- Code letter indicating why the source was not detected:
 - C: source is outside the 25% cutoff.
 - E: source is close to the field edge.
 - L: MDETECT was not run; LDETECT failed to find the source.
 - M: MDETECT failed to obtain a 3.5σ detection.
 - R: source is close to a rib shadow.
 - T: source lies in a region with live time < 300 s.
- Estimated intensity (for some sources). Corrected count rates are given for clusters which are contained in the compendium prepared by Jones and Forman (1990). These intensities refer to the count rate contained within an 0.5 Mpc radius ($H = 50 \text{ km s}^{-1}$) of the cluster center unless a different radius is stated in the comments.

Appendix G: Omitted Sources

- Signal-to-noise ratio for sources deleted because of low exposure (codes “T” and “C”) or because of low signal-to-noise ratio (code “M”).
- Number of contours plotted. The first contour is 3σ above background; successive contours, factors of 2 higher. In some cases (e.g., when supernova emission covers the whole field), the number of contours is not given.
- Comments containing the source name or other information.

Table G Omitted Sources

RA (1950)	DEC (1950)	SEQ #	CODE	INTENS cts/sec	S/N	NUM CNTRS	COMMENTS
0 39 00	41 18 00	I 574	R			6	
0 39 45	40 55 00	I 573	E			4	extended
0 50 00	-73 26 00	I 3926	R			3	
0 53 43	-1 31 28	I 1770	L	0.400		3	Abell 119
0 53 43	-1 31 28	I 1771	L	0.400		4	Abell 119
1 49 50	35 53 50	I 7559	R	1.270		4	A 262
2 56 15	13 22 00	I 185	E			6	
3 16 30	41 19 56	I 4477	E	18.150		5	Abell 426 Perseus Cluster
4 20 45	-57 23 00	I 5782	M		3.3	3	
4 29 30	17 55 00	I 10538	R			4	
4 46 31	44 57 12	I 1832	L	1.000		4	3C 129
4 56 00	46 35 00	I 2151	L			3	HB 9 SNR
5 05 50	-67 56 40	I 2474	C	0.266	13.5		
5 09 17	-68 47 28	I 2424	T	0.455	8.5		(LMC)
5 13 55	6 23 16	I 2352	L	0.621		4	Abell 539
5 14 00	0 32 00	I 2641	R			4	
5 19 50	-69 04 00	I 6303	C				
5 21 19	-72 00 41	I 5855	T	2.928	7.7		LMC
5 21 30	-72 01 00	I 5848	R			11	
5 24 15	-69 37 00	I 4561	E			5	
5 24 45	-71 13 00	I 2469	E			4	
5 25 15	-69 41 00	I 2449	R			6	
5 26 15	-69 43 00	I 2459	E			4	
5 32 15	-5 42 00	I 3842	R			3	
5 32 15	-5 53 00	I 3842	L			3	
5 32 30	-71 03 00	I 2465	R			3	
5 32 45	-5 26 00	I 5095	E			5	extended
5 33 00	-5 56 59	I 5094	T	0.230	6.2		iota ORI?
5 33 30	-6 19 00	I 3842	R			3	
5 34 15	-69 57 00	I 6507	R			4	
5 34 30	-69 56 00	I 2459	R			4	
5 34 30	-69 57 00	I 6510	R			4	
5 37 45	-69 12 00	I 2452	R			4	extended
5 39 00	-68 55 00	I 4559	R			4	
5 39 10	-1 55 00	I 9061	E			4	extended
5 40 00	-69 37 00	I 6533	E			5	
5 40 00	-69 45 00	I 6524	R			8	
5 40 15	-69 45 00	I 2461	R			6	extended
5 40 15	-69 45 00	I 6510	R			8	
6 00 04	-39 58 31	I 5167	L	0.245		4	SC0559-40
6 05 50	-15 54 00	I 10685	R			3	
6 13 00	22 35 00	I 5928	L			4	IC 443 SNR
6 13 47	22 35 00	I 3797	L				IC 443 SNR
6 13 47	22 35 00	I 3798	L				IC 443 SNR
6 13 47	22 35 00	I 3799	L				IC 443 SNR
6 23 15	-53 04 00	I 8309	R			4	
6 25 00	-54 17 00	I 289	R			3	
6 25 18	-53 39 48	I 4677	L	0.290		4	SC0625-53
6 25 18	-53 39 48	I 8309	L	0.290		4	SC 0625-53
6 26 14	-54 28 20	I 289	E	0.518		4	cluster SC 0627-54 1 Mpc
6 38 00	9 53 00	I 10255	R			4	
7 16 38	-24 52 00	I 5092	L			3	
7 17 24	55 52 09	I 1837	L	0.700		3	Abell 576
7 29 15	31 43 00	I 2308	R			3	
7 29 15	31 44 00	I 838	E			4	
7 43 00	3 45 00	I 907	L			3	
8 20 00	-42 50 00	I 2155	L			8	Puppis A SNR
8 20 30	-42 50 00	I 2156	E			7	Puppis A SNR
8 20 30	-42 50 00	I 2158	E			8	Puppis A SNR
8 20 30	-42 50 00	I 2159	E			5	Puppis A SNR
8 31 00	-22 38 00	I 10722	R			4	
8 37 15	-43 00 00	I 2977	E			4	Vela? BG problems...
8 40 00	-44 00 00	I 8032	L				Vela SNR
8 40 00	-44 30 00	I 3753	L			8	Vela SNR
8 40 00	-44 30 00	I 3754	L				Vela SNR
8 40 00	-44 30 00	I 6913	L			4	Vela SNR
8 40 00	-44 30 00	I 721	L				Vela SNR
8 40 00	-44 30 00	I 723	L				Vela SNR
8 40 00	-44 30 00	I 724	L				Vela SNR
8 40 00	-44 30 00	I 725	L				Vela SNR

Table G Omitted Sources

RA (1950)	DEC (1950)	SEQ #	CODE	INTENS cts/sec	S/N	NUM CNTRS	COMMENTS
8 40 00	-44 30 00	I 726	L				Vela SNR
8 40 00	-44 30 00	I 728	L				Vela SNR
8 40 00	-44 30 00	I 729	L				Vela SNR
8 40 00	-44 30 00	I 730	L				Vela SNR
8 40 00	-44 30 00	I 731	L				Vela SNR
8 40 00	-44 30 00	I 732	L				Vela SNR
8 40 00	-44 30 00	I 733	L				Vela SNR
8 40 00	-44 30 00	I 734	L				Vela SNR
8 40 00	-44 30 00	I 735	L				Vela SNR
8 40 00	-44 30 00	I 736	L				Vela SNR
8 40 00	-44 30 00	I 737	L				Vela SNR
8 40 00	-44 30 00	I 738	L				Vela SNR
8 40 00	-44 30 00	I 739	L				Vela SNR
8 40 00	-44 30 00	I 741	L				Vela SNR
8 40 00	-44 30 00	I 742	L				Vela SNR
8 40 00	-44 30 00	I 743	L				Vela SNR
8 40 00	-44 30 00	I 744	L				Vela SNR
8 40 00	-44 30 00	I 745	L				Vela SNR
8 40 00	-44 30 00	I 746	L				Vela SNR
8 40 00	-44 30 00	I 8030	L				Vela SNR
8 40 00	-44 30 00	I 8031	L				Vela SNR
8 40 00	-44 30 00	I 8033	L				Vela SNR
8 40 00	-44 30 00	I 8034	L				Vela SNR
8 51 58	20 17 37	I 1993	T	0.744	9.7		OJ287?
9 06 38	-9 27 26	I 7690	L	0.890		5	A 754
9 42 30	-13 35 00	I 6376	R			4	
10 24 00	-57 33 00	I 3341	L			3	
10 34 20	-27 16 04	I 6114	L	1.650		5	A 1060 (0.25Mpc)
10 42 00	-59 17 00	I 3139	R			3	extended - background problems
10 52 38	60 44 20	I 3206	T	0.488	6.8		SAO 015338 - RS CVN
11 00 53	-60 38 25	I 2161	L			4	SNR MSH 11 -61A
11 09 45	-60 23 03	I 7810	L			3	MSH 11-62 SNR
11 48 00	-62 15 00	I 7718	L			6	296.1-0.5
11 49 00	-62 02 00	I 10200	R			5	
12 01 00	2 45 00	I 2601	E			4	
12 07 23	-52 10 00	I 3173	E			3	SNR PKS 1209-52
12 07 23	-52 10 00	I 5898	L			4	PKS 1209-52 SNR
12 09 00	-52 10 00	I 5899	L			3	PKS1209-52 SNR
12 09 00	-52 10 00	I 5900	L			4	PKS 1209-52 SNR
12 09 00	-52 24 00	I 9679	L			4	extended PKS 1209-52 SNR
12 09 30	-52 20 00	I 2163	E			4	SNR? extended
12 24 45	9 15 00	I 280	R			3	Virgo
12 29 00	14 12 00	I 281	R			3	Virgo
12 30 00	14 27 00	I 4304	R			3	
12 30 55	-10 30 44	I 3001	C	4.100	3.2	2	
12 35 45	13 20 00	I 4314	R			3	
12 40 50	3 13 00	I 7016	R			4	
12 46 03	-41 02 26	I 6059	E	3.370		4	Centaurus cluster (0.25Mpc)
12 51 58	-28 57 20	I 2268	L	0.120		4	SC1252-28, cluster of galaxies
12 54 29	-17 08 28	I 7135	E	0.450		4	A 1644
12 54 40	-30 05 45	I 6173	L	0.230		3	SC 1255-3012
12 57 18	28 12 22	I 1790	L	5.070		6	Coma cluster Abell 1656
12 57 18	28 12 22	I 1792	L	5.070		6	Coma cluster Abell 1656
12 57 18	28 12 22	I 2041	E	5.070		5	Coma cluster Abell 1656
13 14 15	18 22 00	I 5546	R			3	
13 24 13	-26 54 40	I 7653	L	0.310		4	A 1736
13 28 41	-31 33 46	I 5730	L			3	SC1329-31 (part)
13 34 21	59 27 29	I 5731	L	0.230		4	A 1767
13 40 15	26 16 00	I 320	R			3	
13 40 15	26 31 00	I 320	L			3	
13 46 20	60 39 00	I 10245	R			3	
13 50 30	5 23 00	I 142	L	0.120		3	ext. (A1809)
13 53 30	40 30 00	I 3932	R			3	
14 07 30	72 35 00	I 10197	R			4	
14 13 30	25 15 00	I 356	R			4	
14 25 15	17 07 00	I 140	R			3	ext.
14 37 52	62 23 48	I 2164	L			6	SNR RCW 86
14 50 30	16 54 00	I 164	L			3	A1983
14 52 00	16 37 00	I 5991	R			3	
14 59 40	-41 45 40	I 716	L			5	SNR 1006

Table G Omitted Sources

RA (1950)	DEC (1950)	SEQ #	CODE	INTENS cts/sec	S/N	NUM CNTRS	COMMENTS
15 08 45	57 14 00	I 9143	L			3	
15 10 21	7 37 06	I 6104	L	0.090		3	A 2040
15 16 15	20 45 00	I 10407	R			5	
15 49 00	-56 00 00	I 8025	L			3	MSH 15-56 SNR
15 49 00	-56 00 00	I 8026	L			3	MSH 15-56 SNR
15 49 00	-56 00 00	I 8027	L			3	MSH 15-56 SNR
15 49 00	-56 00 00	I 8028	L			3	MSH 15-56 SNR
15 57 15	27 12 00	I 1799	R			3	
16 14 45	9 01 00	I 4108	E			4	
16 15 31	35 01 23	I 7695	L	0.140		3	Zw 1615+35
16 25 30	-24 17 00	I 8374	R			3	
16 26 00	41 01 00	I 1857	L			3	extended
16 28 00	40 56 00	I 3438	L			3	
16 29 45	40 53 00	I 3438	R			3	
16 40 15	39 41 00	I 2060	R			3	
16 50 30	-41 45 00	I 3140	R			3	extended
17 00 30	34 15 00	I 330	R			5	
17 00 45	33 35 00	I 330	R			3	extended
17 01 00	78 21 00	I 4678	R			3	
17 03 50	-1 27 00	I 10152	L			3	extended
17 06 44	78 42 46	I 7528	R	0.810		6	A 2256
17 06 44	78 42 46	I 7530	R	0.810		6	A 2256
17 06 44	78 42 46	I 7929	R	0.810		6	A 2256
17 22 15	-38 46 00	I 2168	R			4	
17 29 45	50 10 00	I 2003	R			4	
17 37 30	-28 17 00	I 2521	R			5	
17 43 00	-29 31 00	I 2358	R			8	extended
17 47 45	-32 18 00	I 2542	R			3	
17 51 08	70 46 08	I 8883	T	0.083	4.2		
17 57 30	-23 30 00	I 2170	L			3	SNR W28
17 57 30	-23 30 00	I 4670	L			4	W28 SNR
17 57 30	-23 30 00	I 4671	L			4	W28 SNR
17 57 30	-23 30 00	I 4672	L			4	W28 SNR
17 57 30	-23 30 00	I 4673	L			3	W28 SNR
17 59 30	-24 16 00	I 3124	L			3	
17 59 30	-41 26 00	I 4075	L			3	
18 07 15	69 48 54	I 8849	T	0.126	4.5		
18 12 50	64 24 00	I 8789	R			3	
18 14 15	-30 34 00	I 3317	R			3	
18 25 00	64 48 23	I 8821	T	0.213	5.0		
18 30 48	-10 36 22	I 777	T	0.192	6.2		
18 39 02	-78 34 53	I 10161	T	0.199	6.0		
18 41 15	-6 53 00	I 3276	R			3	
18 46 50	-1 01 00	I 780	L			3	extended
18 53 30	1 14 00	I 363	L			3	extended
18 53 32	1 17 36	I 1257	L			5	W44, SNRa
18 55 30	-37 10 00	I 3501	L			3	
19 05 07	7 04 13	I 2677	T	0.261	7.2		extended - 3C397?
19 09 00	5 00 00	I 5282	R			3	W 50 SNR
19 35 45	30 15 00	I 3170	L			3	
19 36 16	17 09 11	I 2178	L			4	SNR 3C400.2
19 39 45	16 37 00	I 7344	R			5	
19 39 45	16 38 00	I 7820	R			5	
20 17 00	21 13 00	I 8698	R			4	
20 18 30	9 53 00	I 6833	R			3	
20 30 30	40 47 00	I 3374	R			4	split by rib
20 30 30	40 47 00	I 5219	R			11	
20 30 30	41 09 00	I 3378	R			4	
20 30 30	41 09 00	I 3382	L			4	
20 30 45	40 47 00	I 4221	R			14	extended
20 30 45	40 48 00	I 3384	R			4	
20 30 45	41 05 00	I 3380	R			3	
20 31 15	40 37 00	I 3390	L			3	
20 31 15	41 11 00	I 3389	E			5	
20 31 30	41 10 00	I 3385	R			4	
20 31 30	41 10 00	I 3390	E			4	
20 43 46	-2 59 32	I 8981	T	0.163	4.0		
20 45 10	-2 57 05	I 8981	T	0.131	3.8		
20 49 00	30 20 00	I 2184	L				SNR Cygnus Loop
20 49 00	30 20 00	I 2185	L				SNR Cygnus Loop

Table G Omitted Sources

RA (1950)	DEC (1950)	SEQ #	CODE	INTENS cts/sec	S/N	NUM CNTRS	COMMENTS
20 49 00	30 20 00	I 2186	L				SNR Cygnus Loop
20 49 00	30 20 00	I 2187	L				SNR Cygnus Loop
20 49 00	30 20 00	I 2188	L				SNR Cygnus Loop
20 49 00	30 20 00	I 2189	L				SNR Cygnus Loop
20 49 00	30 20 00	I 2190	L				SNR Cygnus Loop
20 49 00	30 20 00	I 2191	L				SNR Cygnus Loop
20 49 00	30 20 00	I 2192	L				SNR Cygnus Loop
20 49 00	30 20 00	I 2193	L				SNR Cygnus Loop
20 49 00	30 20 00	I 2194	L				SNR Cygnus Loop
20 49 00	30 20 00	I 2195	L				SNR Cygnus Loop
20 49 00	30 20 00	I 2196	L				SNR Cygnus Loop
20 49 00	30 20 00	I 2197	L				SNR Cygnus Loop
20 49 00	30 20 00	I 2198	L				SNR Cygnus Loop
20 49 00	30 20 00	I 2199	L				SNR Cygnus Loop
20 49 00	30 20 00	I 2200	L				SNR Cygnus Loop
20 49 00	30 20 00	I 2201	L				SNR Cygnus Loop
20 49 00	30 20 00	I 2202	L				SNR Cygnus Loop
20 49 00	30 20 00	I 2203	L				SNR Cygnus Loop
20 49 00	30 20 00	I 2204	L				SNR Cygnus Loop
20 49 00	30 20 00	I 2205	L				SNR Cygnus Loop
20 49 00	30 20 00	I 2206	L				SNR Cygnus Loop
20 49 00	30 20 00	I 3759	L				Cyg Loop SNR
20 49 00	30 20 00	I 3760	L				Cyg Loop SNR
20 49 00	30 20 00	I 3761	L				Cyg Loop SNR
20 49 00	30 20 00	I 3762	E				Cyg Loop SNR
20 49 00	30 20 00	I 3763	L				Cyg Loop SNR
20 49 00	30 20 00	I 3764	L				Cyg Loop SNR
20 49 00	30 20 00	I 3765	L				Cyg Loop SNR
20 49 00	30 20 00	I 3766	L				Cyg Loop SNR
20 49 00	30 20 00	I 3767	L				Cyg Loop SNR
20 49 00	30 20 00	I 3768	L				Cyg Loop SNR
20 49 00	30 20 00	I 3769	L				Cyg Loop SNR
20 49 00	30 20 00	I 3770	L				Cyg Loop SNR
20 49 00	30 20 00	I 3771	L				Cyg Loop SNR
20 49 00	30 20 00	I 3772	L				Cyg Loop SNR
20 49 00	30 20 00	I 3773	L				Cyg Loop SNR
20 49 00	30 20 00	I 3774	L				Cyg Loop SNR
20 49 00	30 20 00	I 3775	L				Cyg Loop SNR
20 49 00	30 20 00	I 3776	L				Cyg Loop SNR
20 49 00	30 20 00	I 3777	L				Cyg Loop SNR
20 49 00	30 20 00	I 3778	E				Cyg Loop SNR
20 49 00	30 20 00	I 3779	L				Cyg Loop SNR
20 49 00	30 20 00	I 3780	L				Cyg Loop SNR
20 49 00	30 20 00	I 3781	L				Cyg Loop SNR
20 49 00	30 20 00	I 3782	L				Cyg Loop SNR
20 49 00	30 20 00	I 3783	L				Cyg Loop SNR
20 49 00	30 20 00	I 3784	L				Cyg Loop SNR
20 49 00	30 20 00	I 3785	L				Cyg Loop SNR
20 49 00	30 20 00	I 3786	L				Cyg Loop SNR
20 49 00	30 20 00	I 3787	L				Cyg Loop SNR
20 49 00	30 20 00	I 3788	L				Cyg Loop SNR
20 49 00	30 20 00	I 3789	L				Cyg Loop SNR
20 49 00	30 20 00	I 3790	L				Cyg Loop SNR
20 49 00	30 20 00	I 3791	L				Cyg Loop SNR
20 49 00	30 20 00	I 3792	L				Cyg Loop SNR
20 49 00	30 20 00	I 3793	L				Cyg Loop SNR
20 49 00	30 20 00	I 5272	L				Cyg Loop
20 49 00	30 20 00	I 5273	L				Cyg Loop
21 11 30	2 20 00	I 10692	R			4	extended
21 18 30	-10 50 00	I 7329	M		3.2	3	extended
21 40 15	17 31 00	I 9672	L			3	
22 30 06	11 28 06	I 7184	T	0.110	4.4		CTA102
22 59 00	58 36 35	I 4542	R			7	CTB 109
23 21 49	14 23 02	I 6134	L	0.240		3	A2593
23 22 55	23 08 30	I 10201	C	0.021	5.3		
23 35 55	26 44 19	I 199	L	0.300		3	A2634
23 36 00	26 45 00	I 4552	R			3	extended

APPENDIX H

Matching Multiple Detections of Sources

Because it is important to know what separate detections in the various observations represent the same astrophysical object, in this appendix we describe a method we used to join such multiple detections to form “unique” sources. Since source positions were often measured with an accuracy comparable to the size of the point response function (owing to instrumental and other effects), a procedure somewhat more involved than a simple separation test was needed.

A two step algorithm was devised to accomplish the matching. In the first step we identified “valid pairs” by choosing suitable separation cutoffs which were a function of positional errors. The second step used the pair list to form “clusters” of multiple detections. Because the positional uncertainties contain both statistical contributions (which depend on the source’s signal-to-noise ratio) and systematic contributions (which depend on distance from the field center), we used these uncertainties in deciding whether two sources were in fact multiple observations of the same celestial object.

The most important instrumental effect not accounted for in the quoted position uncertainties arises when a source is near a rib shadow or the edge of the field. In such a case, the source morphology is often distorted, with the result that a rather large position error can exist without its being indicated by an increased positional uncertainty. For this reason we have separated sources into two classes: those with rib and edge code (RECO, cf. § 5.8) equal to zero (i.e., clear of ribs and edges), and those with nonzero RECO.

H.1 Pair Analysis

We have characterized the distance between measured source positions with the normalized separation (NS) for pairs,

$$NS = \frac{\text{Separation}}{\text{Sum of uncertainty for each position}},$$

and have compiled two lists of all pairs in the catalog for which NS is less than 5.0. The first list contains pairs in which both components have RECO = 0; the second, pairs in which at least one member has a nonzero RECO value. A further constraint is that a pair may not be composed of two sources from the same field. Histograms of the distributions of NS are shown in Figure H.1; note that the main distribution (valid pairs) is shifted somewhat to the right for nonzero RECOs, as expected from the underestimated uncertainties for such detections.

In order to determine a reasonable cutoff value for NS, we examined various ranges of NS in detail. This procedure involved manual inspection of each map containing a member of the pair in question, and deciding whether the pair was “valid” in the sense that an obvious instrumental effect produced the large separation. On the basis of our analysis, we have chosen to accept pairs as valid for the following values of NS:

$$\begin{aligned} NS &\leq 1.00 && \text{for RECO}=0, \\ NS &\leq 1.60 && \text{for RECO}\neq 0. \end{aligned}$$

Our procedure was *not* to alter manually the status of those few pairs for which the NS condition was exceeded but which we nevertheless deemed valid; several of these “lost” pairs were recovered in the so-called clustering of pairs (see below), as can be seen from Table H.1.

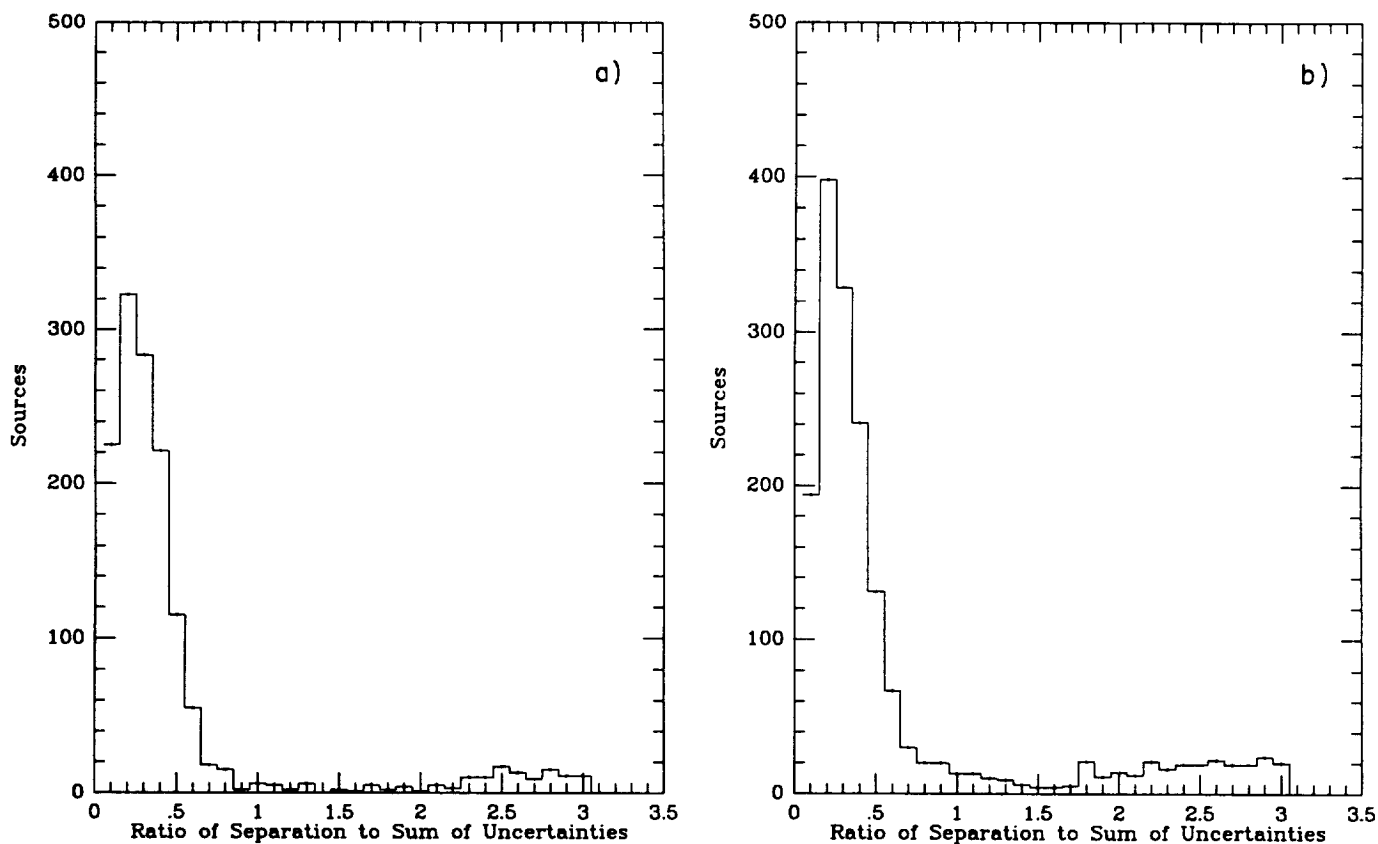


Fig. H.1.—Histograms of source separation. The normalized separation (NS) between pairs with values of $NS < 3$ are shown for (a) $RECO=0$ pairs, in which both members are well removed from the edges of the field and from the shadow of the entrance window support structure (“ribs”), and (b) $RECO \neq 0$ pairs, for which one or both sources may be affected by the rib shadows or field edges.

Table H.1
Valid Pairs Which Exceed the NS Limit

Pairs with RECO = 0					Pairs with RECO ≠ 0				
Seq.	Source	Seq.	Source	NS	Seq.	Source	Seq.	Source	NS
3926	2	7988	2	1.01 R	5861	1	5886	1	1.61 R
7290	1	10685	1	1.03 R	2568	7	2572	8	1.62 R
7488	1	10404	3	1.06	2990	1	5314	1	1.71
2469	2	6300	1	1.07	847	1	6960	1	1.72
1819	2	6135	2	1.16	2569	4	2571	2	1.74 R
185	1	1776	1	1.21 R	5847	1	5854	1	1.74 R
225	1	6839	1	1.23	201	1	7702	2	1.76 R
2573	12	7248	19	1.28	2448	1	5861	1	1.76 R
2405	1	5884	4	1.61	2567	7	2572	8	1.77 R
1824	1	6085	3	2.00	5847	1	5849	1	1.85 R
					2440	4	4559	5	1.94

Note—An “R” following a pair indicates that the pair was recovered during the analysis of source clustering. In the catalog the above pairs without “R” have been flagged with the letter “a” to indicate that they are probably paired sources even though they fail the objective criteria.

H.2 Cluster Analysis

With the two lists of valid pairs determined, a necessary further step was to match pairs to make “clusters” of three or more detections of a single source. This process was achieved by taking each member of each pair, checking its separation (as above) from all members of the remaining pairs, and adding a pair to the current cluster whenever one of its members met the NS criteria. The clustering process was repeated until no new members were added to any cluster. This produced a list, summarized in Table H.2, of clustered pairs in which the first member is paired not only with all members of original (direct) pairs but also with all members of newly identified (indirect) pairs. Thus, although many original pairs were dissociated, members of such pairs remained in common clusters, matched to a single member of that cluster. It was therefore often the case that the NS limit was exceeded for some of the individual pairs within a given cluster.

Table H.2
Results of Clustering Analysis

RECO = 0		RECO ≠ 0	
Number of Members	Number of Clusters	Number of Members	Number of Clusters
3	61	3	71
4	12	4	22
5	10	5	12
6	5	6	3
7	2	7	4
	<u>2</u>	8	2
	Total 90	9	3
		10	2
		13	1
		16	1
		17	1
		23	1
		29	1
			<u>1</u>
			Total 124

H.2.1 Method

Since clusters were formed only from valid pairs, most clusters were well behaved, i.e., not much more dispersed than pairs. “Pathological” (unreasonably dispersed) clusters occurred and required case-by-case examination. The analysis of the clusters proceeded as follows:

- a) For each cluster, we obtained the diagonal of the box which encompasses all members:

$$\text{Diagonal} = \sqrt{(\Delta\text{R.A.})^2 + (\Delta\text{decl.})^2}$$

where $\Delta\text{R.A.} = [\text{R.A.}(\text{max}) - \text{R.A.}(\text{min})] \times \cos(\text{decl.})$, and $\Delta\text{decl.} = \text{decl.}(\text{max}) - \text{decl.}(\text{min})$.

- b) We used the diagonal as the main discriminator, and since the positional error for an individual source was always greater than $0'.5$, the violation of the above NS criteria corresponded to cluster diagonals greater than $1'$ and $1'.6$, for RECO zero and nonzero, respectively. We took these values as the expected dividing lines between well-behaved and “pathological” diagonals.
- c) Since all pairs used were assumed to be valid, all clusters formed with only a single pair were also valid and did not require further consideration.
- d) For the cases of zero and nonzero RECO, separately, we created lists of all clusters with three or more members; and from these lists, which contained sequence, source number, and diagonal value (DV), we plotted histograms of DV.

H.2.2 Evaluation

When forming clusters, we used the valid pair lists and permitted RECO=0 pairs to cluster with nonzero-RECO pairs. In this step, when we examined separate results for zero-RECO clusters and nonzero-RECO clusters, we restricted our attention in the first case to clusters which contained *no* members with nonzero RECO. Clusters containing members with nonzero RECO comprised the second case.

Following the guidelines that diagonal values should be $\lesssim 60''$ for RECO=0, and $\lesssim 96''$, otherwise, we examined all clusters for which DV exceeded these limits.

RECO=0 clusters.—Of the three-member clusters, four had diagonal values exceeding $60''$, but the smaller three of these were judged to contain only valid pairs. The largest had $DV=104''$ and consisted of (a)=3749/7, (b)=9542/5, and (c)=9543/5. Pairs (a)+(b) and (a)+(c) were accepted as “valid,” since they both had $NS < 1.0$, but (a) lies between (b) and (c), such that pair (b)+(c) has $NS = 1.25$. Our manual analysis led us to the conclusion that this cluster was erroneously grouped owing to variability of intensity within this ρ Oph region. Members (b) and (c) are clearly different objects, and it is also doubtful that (a) is the same object as either (b) or (c). Unwilling to leave false information, even in the interest of uniformity of analysis, we have manually broken all bonds and eliminated this cluster.

All 12 four-member clusters were well behaved ($DV < 45''$). The largest DV ($62''$) for the five-member clusters contained only valid pairs, and the remaining six- and seven-member clusters also were well behaved.

RECO \neq 0 clusters.—For the three-member clusters, the three with DV values exceeding $96''$ were $125''$, $146''$, and $148''$. All new pairs exceeding the NS cutoff were checked and found to be valid, thus “recovering” two valid pairs with $NS > 1.6$.

Two more pairs were recovered during examination of the four-member clusters, where both DV values exceeding $96''$ ($120''$ and $202''$) were found to contain only valid pairs.

All five- and six-member clusters were well behaved.

Two of the seven-member clusters had large DV values ($213''$ and $271''$), but these occurred because of bad positions for sources whose emission fell mostly outside the IPC field of view. Five valid pairs were recovered, and almost all of the internal pairings were deemed valid, with only two questionable ones in Orion for which it was difficult to determine precisely what was being detected at the field edge in a complex brightness distribution. This Orion cluster was allowed to remain.

For the larger clusters, DV exceeded $96''$ only for the following: a 10-member cluster ($DV=129''$) with all pairs valid, a 16-member cluster ($DV=186''$) containing a source split into two by the ribs (we have manually deleted those two erroneous sources from the catalog), and a 23-member cluster (22 members each paired validly with the first member).

APPENDIX I

References and Identifications

To assist users of this catalog, we have devised a system for referencing published papers that discuss *Einstein* data. Our list of such papers is based on a bibliography of articles maintained by F. D. Seward, Guest Observer Coordinator for the *Einstein* project), rather than on a systematic literature search, and contains papers published prior to 1988 January. We apologize to authors whose papers may have been omitted.

To facilitate identification of parts of large angular diameter sources (e.g., the Cygnus Loop) even when there are no discrete sources detected, and also to accommodate papers which give source names but no positions, we have cited references for fields as well as for sources. Celestial positions provide the connection between the catalog and this appendix, with field centers used to make field references.

I.1 Use of the References

The catalog provides three levels of reference information:

- The character string found in the "Ref/ID" column of the source list (or with the field description data) indicates that a source (or field) has been matched with a published reference and usually indicates the type of object present.
- Reference to Table I.2 provides further information, as described in § I.2.
- Retrieval of the indicated reference will often yield detailed information of interest.

We have adopted the object classification scheme indicated in Table I.1a and have transcribed without evaluation the published suggestions for optical or radio identifications. This table lists the types of entries that appear on the main catalog pages of Volumes 2-7.

Table I.1a
Identification Types

AGN	Active galactic nucleus
BL	BL Lac object
CLG	Cluster of galaxies or group of galaxies
CV	Cataclysmic variable
G	Galaxy
GLB	Globular cluster
P	Pulsar
Q	Quasar
RS	Radio source (optical type not specified)
S	Star
SNR	Supernova remnant
SY	Seyfert galaxy
*	Unspecified type: indicates separation < 100"
†	Unspecified type: indicates separations between 100" and 150"
!	Unspecified type of (undetected) source(s) in the field

By examining Table I.2 for positions close to the position of a source (or field center) whose Ref/ID flag has been set, one can locate the reference for the object of interest. For the case of several close positions, one can determine which entry caused the Ref/ID flag to be set by referring to the catalog number (for sources) and the sequence number (for field reference). Differences between source positions and corresponding entries in Table I.2 depend on which type of flag has been set, but are less than 100" whenever the source type is specified or an asterisk is present (see next paragraph). Each entry in Table I.2 contains a number indicating which published paper in the reference list (Table I.3) should be consulted.

Three nonspecific symbols have been used on the catalog pages to indicate exceptional cases. An asterisk indicates one of the following situations: (a) the corresponding reference does not contain a source type, (b) different source types are suggested in more than one reference, or (c) an object (e.g., the Galactic center, γ -ray burster, nebula, etc.) cannot be categorized as one of the common types.

A dagger (\dagger) is used if the source position differs from the corresponding Ref/ID entry by 100'' to 150'' and there is no entry for the source closer than 100''. Note that this flag means only that there is a Ref/ID entry within the specified separation; it was not used for field references, which were only made for separations $< 100''$. The symbol \dagger replaces whatever type is listed in the ID table (Table I.2), since it is often the case that the published paper discusses a different (but nearby) source.

An exclamation point (!), used only for field Ref/ID flags, indicates one or more entries in Table I.2 that pertain to sources in the field which were not detected (usually because they were extended or not strong enough to satisfy the 3.5σ detection criterion). This type of entry pertains to a source, but can only be tied to the field, since the source is not "officially" in the catalog. In this case, the entry in Table I.2 contains an "S" in the position code (see § I.2) and may be much more than 100'' from the field center.

Resolution of conflicting identifications.—Some catalog sources, as a result of having been paired with more than one entry in Table I.2, have Ref/ID's with disparate identification types (cf. Table I.1a). Table I.1b specifies the hierarchy we used to resolve such conflicts. For most cases in which the conflict can easily be discerned from Table I.2 (i.e., when the conflict is between entries listed in the Source Type column of Table I.1b), an asterisk appears in the ID column in the source list below the contour map for the sequence. However, for designations which are ambiguous, we have given the leftmost (in Table I.1b) object precedence in assigning the source list ID symbols on catalog pages, and it is left to the user to recognize that conflicting Ref/ID's exist in Table I.2.

Table I.1b
Hierarchy for Identification Types

Source Type	First Subclass	Second Subclass
AGN	Seyfert BL Lac Quasar	Galaxy
CLG		
S	CV	
GLB		
SNR		
P		

The radio source designation (RS) is used as a Ref/ID flag only if no other symbol has been assigned. Thus, if the only Table I.2 entry for a source specified "RS," then that would be used to flag the source's ID column in the catalog-page source list. However, a second reference listed as a galaxy would cause "G" to override the "RS," and a third reference with "SY" or "AGN" would result in its use. Conflicts between "G" and "CLG" have been entered as asterisks. Note that although the information available in the source tables on the catalog pages may have been degraded by this procedure, full information on the published types is maintained in Table I.2.

I.2 Description of the Identification Table

Table I.2 contains information derived from published papers. Although a particular source (or field) may be studied in several papers, we have chosen to construct the table by ensuring that each line contains a unique position. The column headed P CODE (position code) lists the origin of the tabulated positions (epoch 1950):

- A: Referenced authors' position (X-ray derived, except in rare instances when only the position of the other wavelength counterpart was quoted).
- P: The position was retrieved from the Rev1B standard processing (i.e., not given by the author).
- F: The position is that of a field center.

Appendix I: References and Identifications

- **S:** The referenced source does not have a detected counterpart in the catalog source lists. However, in most instances, the source is visible on the contour map.

The sequence number is that inferred to have been used by the authors, but since published works do not always list the sequence number used for the analysis, the tabulated sequence number may be erroneous in some instances. A sequence number preceded by an asterisk indicates that other observations (sequence numbers) may include this position.

The catalog number given in the fifth column indicates the source found in the Ref/ID matching procedure (cf. § I.4). Although the Table I.2 entry and the indicated catalog source will normally be the same, we cannot guarantee identity, particularly in the case of matches with separations between 100" and 150" (the flag "†").

An identification type (cf. § I.1) appears in column (6) and is followed by the reference number which points to the relevant article in the reference list (Table I.3). In the final column are comments derived from the published paper.

Because of idiosyncrasies of the clerical work, multiple entries (separated by commas) may occur in some columns. All such entries pertain to the indicated source position, but the association of a particular reference number with specific comments, IDs, or Pcodes is not possible from Table I.2 alone; the indicated references must be consulted.

I.3 The Reference List

Table I.3, which appears at the end of this appendix, contains a list of references to published analyses that pertain to cataloged sources (or fields). It is numbered and alphabetized by first author's name. Owing to a clerical oversight, the original order of each author list was lost, and coauthors have therefore been listed alphabetically after the first author.

I.4 The Matching Procedure

This section describes how the correspondence between cataloged sources (and fields) and published works was established for Table I.2. The casual user may skip this description unless he encounters problems using the table.

Articles were initially scanned to isolate the relevant source information. In many cases, the *Einstein* pointing catalog ("Yellow Book"; Seward and Martenis 1986) was consulted to infer the sequence number used by the authors. The Rev1B outputs were also used to determine X-ray positions when authors did not give source positions.

The papers were then divided according to their subject matter and distributed to members of the catalog committee for scientific evaluation. We established the following guidelines:

- a) If a paper reported only the published results of others, it was excluded from further consideration.
- b) Papers which did not give source positions were excluded unless the positions could "easily" be determined from "outside" information.
- c) For inclusion as a field reference, a paper was required to have published either an IPC field center or a sequence number.
- d) A field reference was made whenever discrete source information could not be ascertained from the paper.
- e) The manner in which the positions were obtained was noted and encoded as "A," "P," or "F" (cf. § I.2).

Once the information had been entered into a data base, we employed a matching algorithm similar to that used for matching the catalog sources with one another (cf. Appendix H), i.e., we did the following:

- a) Compared catalog source locations with published positions, matching all sources with corresponding "A" (author supplied) and "P" (Rev1B printout) positions.
- b) Matched all field centers with corresponding "F" and "S" references (field matches).
- c) Evaluated unpaired reference positions (mostly for published HRI sources), eliminating them from further consideration as deemed appropriate.
- d) Reordered and renumbered the remaining references alphabetically by last name of first author.
- e) Created a Ref/ID flag (e.g., Q, *, . . .) for each matched source or field.
- f) Generated the final lists of identifications (Table I.2) and references (Table I.3).

Appendix I: References and Identifications

We “paired” catalog positions with published positions and evaluated pairs with separations in the range between 60” and 140”. Our choice of the source/ID matching cutoff at 100” seemed reasonable *a priori* from the facts that the IPC point response function is approximately 80” FWHM (cf. Appendix A) and that typical positional errors are 40”–50”, and is well justified by the histogram of offsets shown in Figure I.1.

It is important to note that, used here for defining the Ref/ID flags, this criterion has different implications from those it had for source/source matching. When matching sources, we attempted to achieve a high degree of accuracy (i.e., not missing sources which were valid pairs and not matching sources which were not multiple observations of the same object). However, in the case of matching our source positions with published positions, we have less knowledge of (or control over) one component of the match and cannot easily ensure that we have achieved similar accuracies. We judged this shortcoming as relatively unimportant, since our main purpose was to alert readers to relevant information; the simple statement that a published position is within 100” of a detected source allows users to find the related information and make their own decisions concerning reliability. (For matching field center positions, we also employed the criterion that separation is less than or equal to 100”).

When examining ID entries which paired with sources for separations between 100” and 140”, we judged that many would be of interest to the user. Most of these larger separations occurred because of extended structure or because there were two or more sources juxtaposed. In order to provide a more complete reference service, we employed a “†” flag, used to indicate a separation interval of 100”–150” regardless of source type; we intentionally did not include an object type on the catalog page (although it appears in Table I.2) because, in many cases, the referenced paper discussed a closely separated object rather than the flagged source itself.

During the evaluation of unpaired identifications in step c above, we found many articles that contained useful information but dealt with objects failing to meet our detection criteria. As a way of including these references, we introduced the symbol “!” (cf. § I.2). Fields flagged in this manner were identified by visual inspection of the contour plots to ensure that there was reasonable evidence for the existence (below our criteria) of a “source,” and the corresponding Table I.2 Pcode was set to “S” to facilitate locating such entries.

This appendix concludes with the lists of source and field identifications (Table I.2) and references (Table I.3) which follow Figure I.1.

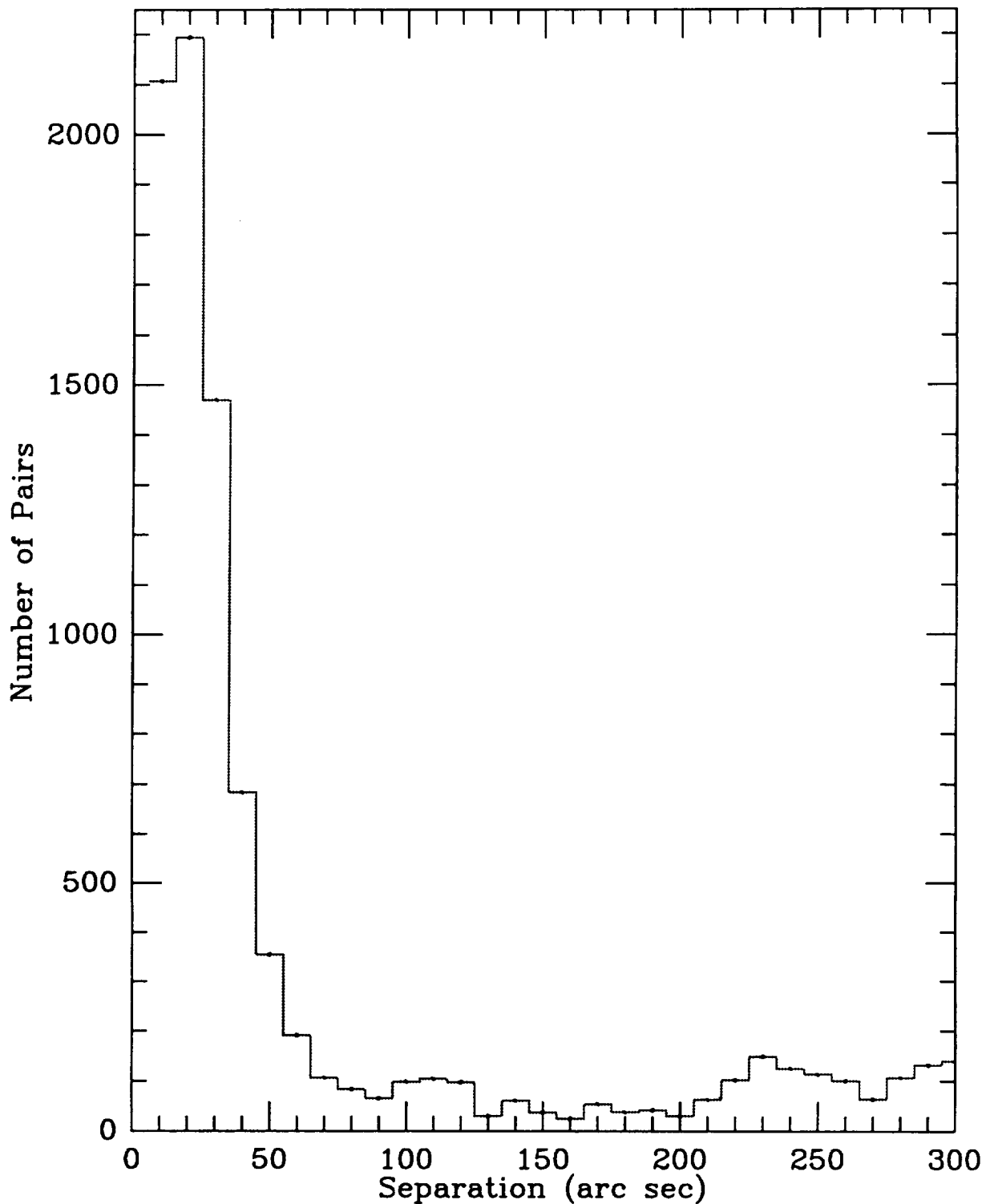


Fig. I.1.—Histogram of source/identification offsets. This histogram shows the number of occurrences of offsets between source positions and entries in Table I.2 which have position codes “P” or “A” (i.e., identifications for sources). On the basis of this histogram and the evaluation described in § I.4, a separation of less than 100” was chosen as the primary cutoff for identification matches. Separations between 100” and 150”, regardless of source type, are indicated with a “+” flag.

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
00 03 01	- 74 43 46	A	I 614	8		294	
00 03 23	63 23 53	P	I 3282	11	S	180	HD 108
00 03 24	15 53 04	A	I 5360	12	Q	324	PHL 658
00 04 02	28 44 37	A	I 2225	15	S	186	Gliese/WEPP 5
00 07 28	- 73 25 31	A	I 608	27		294	MC0007-734?
00 07 57	10 41 24	A	* I 2634	29	Q	324	III Zw 2
00 07 57	10 41 59	P	* I 6718	29	Q	360	
00 07 57	10 43 00	P	* I 2634	29	SY	199	III Zw 2
00 07 59	17 07 38	F	I 3999		RS	220	Opt-quiet Radio Source
00 08 51	- 11 45 26	P	I 5951	32	CV	18	WW Cet
00 11 47	- 74 58 20	A	I 620	37	S	294	HD 987
00 12 43	- 73 08 48	A	I 608	40	SNR	294	not sure of ID... SNR?
00 13 17	16 03 15	A	* I 10431	41		196	SA 68 E
00 13 24	15 57 25	A	* I 10431	43	G	196	SA 68 A
00 13 27	15 58 24	A	* I 6834	43	CLG	127	X-ray extended
00 14 23	79 31 31	P	I 274	45	CLG	167	3C 6.1
00 14 38	16 27 20	A	* I 10431	46		196	SA 68 B
00 14 47	16 13 55	A	* I 10431	47	S	196	SA 68 C
00 15 10	16 03 35	A	* I 6834	49	S	127	F5, SAO 091825
00 15 12	16 03 00	A	* I 10431	49	S	196	SA 68 F
00 15 38	43 44 34	A	I 3101	55	S	185	Gliese-Wolley #15A
00 15 38	43 44 35	A	I 3101	55	S	336	+43 44 AB
00 15 41	43 44 51	A	I 3101	55	S	185	Gliese-Wolley #15B
00 15 48	15 23 35	A	* I 10431	56	Q	196	SA 68 D
00 15 56	16 12 47	S	I 3457		Q	236, 237	
00 15 58	16 09 24	A	* I 3457	57	CLG	359	
00 15 59	16 09 30	A	* I 10431	57	CLG	196	SA 68 G
00 15 59	16 09 32	P	* I 3457	57	CLG	274, 167	
00 17 19	15 40 40	A	* I 10431	62		196	SA 68 H
00 17 47	15 24 34	P	I 505	64	Q	370	3CR 9
00 17 50	15 24 16	A	I 505	64	Q	322, 323	3CR 9
00 20 18	- 12 29 12	P	I 7958	77	S	232	W9012
00 20 28	00 58 34	A	* I 8452	79	Q	46	UM 232
00 21 23	- 72 41 08	A	* I 607	81		294	
00 21 48	- 72 10 58	F	I 4969		GLB	160	47 Tuc
00 21 50	- 72 21 30	P	I 4969	82	GLB	173	NGC 104
00 21 51	- 72 21 33	A	I 4969	82	GLB	294	NGC 104
00 21 51	- 72 21 35	A	I 4969	82	GLB	138	NGC 104 (47 Tuc)
00 21 51	- 72 21 36	A	I 4969	82	GLB	172	NGC 104
00 22 00	63 51 59	F	I 2147		SNR	284	Tychos shell-like
00 22 08	- 72 21 06	A	* I 602	82	GLB	294	NGC 104
00 24 00	16 53 10	P	* I 1810	87	CLG	167	
00 24 37	22 25 11	P	I 205	89	CLG	167	A31
00 26 16	07 33 15	P	I 225	90	CLG	167	A41
00 26 26	07 25 59	A	I 6839	92	CLG	127	S(6cm)=2.7 mJy
00 26 34	34 40 19	S	I 5141		Q	47	
00 26 35	12 59 57	A	* I 518	93	Q	324	
00 26 36	12 59 23	P	* I 518	93	Q	370	PG 0026+129
00 26 37	12 59 31	P	* I 518	93	Q	366, 360	PG 0026
00 26 38	12 59 29		I 5417		Q	322	PG 0026+129
00 26 42	34 21 04	A	I 5141	94		47	serendipitous source
00 27 49	- 13 12 13	P	I 207	95	CLG	167	A46
00 31 12	- 07 42 26	S	I 2480		Q	237	
00 31 23	- 08 08 02	S	I 2480		CLG	2	A56
00 31 40	- 07 38 14	A	I 2480	98	AGN	65	
00 31 44	- 70 42 24	S	I 598		S	294	MC0021-707
00 31 45	- 07 38 14	A	I 2480	98	Q	237	
00 32 08	- 07 22 50	A	* I 2480	100	Q	237	
00 35 26	- 72 30 46	A	I 606	104	SNR	294	Extended?
00 37 42	06 07 14	A	I 1817	115	AGN, Q	65, 237	
00 37 44	- 01 57 27	A	I 5393	116	AGN	127	
00 38 01	32 42 02	A	I 6828	119	AGN	127	
00 38 13	32 53 14	P	I 6828	120	CLG	274, 167	3C 19
00 38 25	- 02 02 54	P	I 5393	121	Q	368	radio-loud quasar
00 38 44	32 51 22	A	I 6828	124	AGN	127	
00 38 51	- 01 59 54	A	I 5393	125	AGN	127	4C-02.04 S(6cm)=322 mJy
00 38 53	- 01 59 43	P	I 5393	125	Q	368	radio-loud quasar
00 39 18	- 09 34 06	P	I 292	136	CLG	189	A85
00 39 19	- 09 34 23	P	I 292	136	CLG	190, 315	A 85
00 39 56	40 59 47	P	* I 574	147	G	338	NGC 224 (M31)

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
00 39 57	40 59 46	A	* I 574	147	G	98	M31
00 41 05	- 18 15 31	P	I 4452	163	S	12	beta Cet
00 43 36	00 50 09	S	I 4020		Q	370	MCS 275
00 43 45	20 20 54	A	I 208	173	CLG	118	
00 43 47	20 20 30	P	I 208	173	CLG	165, 166	A98 north
00 43 57	20 09 45	S	I 208		CLG	166	A98 south
00 44 23	- 20 59 52	A	I 5766	176	Q	237	
00 44 31	03 03 17	A	I 5362	177	Q	324	PKS
00 44 34	- 21 03 58	P	I 5766	179	G	338	NGC 247
00 44 41	23 59 41	P	* I 3191	181	CV	340	Zeta And
00 45 05	- 25 34 09	A	I 2082	184		96	
00 45 06	- 25 33 43	P	I 2082	184	G	338	NGC 253
00 45 07	- 25 33 35	F	I 2082		G	96	NGC 253
00 45 10	- 25 33 50	A	I 2082	184		96	
00 45 30	- 73 28 41	A	* I 7988	187		50	SMC Deep Surveys
00 45 56	- 73 25 23	A	I 7988	188		50	SMC Deep Surveys
00 46 04	31 40 51	P	I 2660	189	SY	199	MKN 348
00 46 07	57 32 51	P	I 2246	191	S	232	W34A
00 46 07	57 32 53	A	I 2246	191	S	156	G34B=ADS671B
00 46 08	57 32 45	A	I 2246	191	S	156	G34A=etaCAS
00 47 25	- 73 30 29	A	* I 7988	196		50	SMC Deep Surveys
00 49 01	- 71 25 24	A	* I 592	199	S	336, 325	8.5 magnitude survey, HD 5028
00 49 03	- 71 25 57	A	* I 592	199	S	294	SAO 255713
00 49 17	17 09 21	A	I 8431	200	Q	324	Mkn 1148
00 49 17	17 09 53	P	I 8431	200	Q	89	Mrk 1148
00 49 26	- 73 39 27	S	I 594			294	SNR?
00 50 07	- 72 48 14	A	* I 7988	205		50	SMC Deep Surveys
00 50 10	- 73 27 45	A	I 7988	206		50	SMC Deep Surveys
00 50 58	12 24 49	A	I 2632	209	Q	324	I Zw 1
00 50 58	12 25 15	P	I 2632	209	SY	199	I Zw 1
00 51 01	29 08 47	P	I 5123	210	Q	192	4C 29.01
00 51 08	- 73 04 36	A	I 7988	211		50	SMC Deep Surveys
00 51 21	- 74 54 59	A	* I 595	214	S	294	SAO 255716
00 52 10	25 09 38	A	I 5334	217	Q	324	
00 52 13	- 72 42 52	A	* I 7988	216		50	SMC Deep Surveys
00 52 16	23 50 25	P	I 5988	218	S	232	W9032
00 52 19	23 49 50	A	I 5988	218	S	162	HD 5294
00 53 08	26 08 21	P	I 209	221	CLG	165	A115
00 53 09	26 08 21	A	I 209	221	G, Q	283, 95	3C28, 3CR Radio Galaxy
00 53 09	26 08 22	A	* I 10059	221	CLG	115	A115
00 53 09	26 09 54	A	I 209	221	CLG	118	A115
00 53 13	- 72 43 00	A	* I 7988	222		50	SMC Deep Surveys
00 53 15	- 72 43 37	A	* I 7988	222		50	
00 53 17	26 03 54	P	I 209	223	CLG	165, 167	A115
00 53 39	- 01 32 14	S	I 1770		CLG	2	A119
00 54 32	14 30 06	P	* I 4248	233	Q	370	PHL 909
00 54 33	14 30 06	P	* I 5418	233	Q	370, 360	PHL 909
00 55 04	30 04 36	P	* I 463	235	G	119	NGC 315
00 56 31	- 00 08 42	F	I 3995		RS	220	Opt-quiet Radio Source
00 57 08	31 33 25	P	I 2619	244	SY	199	MKN 352
00 57 24	31 11 06	S	I 2619		AGN	200	
00 57 50	81 36 25	P	I 7326	246	S	355	U Cep
00 59 04	- 72 28 56	A	* I 3925	247		294	
01 00 01	- 21 52 43	A	I 2333	250	S	162	HD 6156
01 00 14	- 22 08 30	A	I 2333	251	CLG	2	A133
01 00 38	02 05 05	A	I 2086	253	Q	237	
01 01 20	- 73 01 23	A	* I 618	255		294	
01 01 27	24 44 43	A	I 1818	257	CLG	2	A136
01 01 27	- 73 00 49	A	* I 7989	255		50	SMC Deep Surveys
01 01 33	- 72 26 34	A	I 3925	259		294	
01 01 45	41 01 59	P	I 2255	260	CV	18	RX And
01 02 17	- 72 19 24	A	* I 3925	261	SNR	294	near N76
01 02 37	- 72 17 56	A	* I 7989	261		50	SMC Deep Surveys
01 03 18	- 72 40 05	A	* I 3925	267		294	SNR?
01 03 20	- 72 38 46	A	* I 7989	267		50	SMC Deep Surveys
01 03 38	32 06 58	A	* I 6308	270	S	128	serendipitous source
01 03 55	- 72 26 31	S	I 7989			50	SMC Deep Surveys
01 04 13	31 53 32	A	I 6308	271	Q	127, 317	
01 04 14	31 53 25	P	I 6308	271	G	128	serendipitous source
01 04 14	31 53 26	A	I 6308	271	Q	128	serendipitous source in 3

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
01 04 39	32 08 44	A	I 6308	276	G	95	3CR Radio Galaxy
01 05 15	31 44 54	A, P	I 6308	278	S	287, 128	HR 327, serendipitous: SAO 54445
01 05 29	- 72 40 25	A	I 7989	280		50	SMC Deep Surveys
01 05 42	- 72 51 12	A	I 7989	283		50	SMC Deep Surveys
01 06 00	- 03 59 59	F	I 31			222	deep survey field - CET
01 06 03	- 72 59 21	A	I 7989	289		50	SMC Deep Surveys
01 06 05	01 19 15	P	I 2011	291	Q	208, 267	
01 07 01	59 48 25	F	I 4919		CV	75	HT Cas
01 07 04	59 48 41	P	I 4919	301	CV	74	HT Cas
01 07 04	- 72 40 43	A	I 7989	300		50	SMC Deep Surveys
01 07 09	- 72 43 51	A	I 7989	304		50	SMC Deep Surveys
01 07 35	- 72 52 47	A	I 7989	306		50	SMC Deep Surveys
01 07 40	- 46 12 03	P	I 6088	308	CLG	190, 315	SCO 107-46
01 08 22	17 23 17	P	* I 6135	311	CLG	190	A154
01 08 25	17 22 06	A	I 1819	313	CLG	2	A154
01 08 27	38 58 32	A	I 8464	314	AGN	280	
01 09 22	22 28 53	P	* I 1985	318	BL	267	
01 11 01	38 51 25	A	I 8464	325	AGN	280	
01 11 54	- 01 32 26	A	* I 5396	329	AGN	227, 316	
01 12 34	- 00 01 21	S	I 1820		CLG	2	A168
01 12 36	- 00 01 59	F	I 1820		CLG	190	A168
01 12 44	- 01 42 57	P	I 5394	335	Q	370	PKS 0112-017
01 12 58	32 56 52	S	I 6703		AGN	200	
01 12 59	- 01 47 44	A	* I 5396	336	AGN	227, 316	
01 14 03	- 02 45 46	F	I 3192		S	233	39 Cet
01 14 04	- 02 45 48	P	I 3192	339	CV	340	39 Cet
01 14 19	06 33 08	P	I 2300	340	CV	53	UV Psc
01 15 10	- 73 15 39	S	I 7990			50	SMC Deep Surveys
01 15 11	63 28 37	P	I 6813	345	S	201	4U 0115+63 (V635 Cas.)
01 15 35	- 73 42 47	A	* I 623	350		294	H SMC X-1
01 15 45	- 73 42 25	A	* I 623	350		294	SMC X-1
01 15 48	- 73 42 05	A	* I 7990	350		50	SMC Deep Surveys
01 16 06	- 01 07 47	S	I 8459		S	186	Gliese/WEPP 9052AB
01 16 12	- 73 26 07	A	I 7990	351		50	SMC Deep Surveys
01 16 19	- 01 16 10	A	I 8459	352	G	127	S(6cm)=1.1 mJy
01 16 23	08 13 55	P	I 270	353	CLG	165	PKS0116+08
01 16 26	- 28 53 59	F	I 5157		B	137	gamma burster
01 16 28	- 28 50 42	S	I 5157			136	X-ray burster, gamma ray burst
01 16 35	31 46 41	A	I 7160	354	AGN	280	
01 17 19	- 73 41 12	A	I 7990	358	S	294, 50	HD 8191, SMC Deep Surveys
01 18 09	- 27 17 07	A	I 3900	359	BL	221	
01 18 09	- 73 16 49	A	I 7990	360		50	SMC Deep Surveys
01 19 22	04 06 49		I 3254			267	
01 19 27	- 01 17 57	P	I 2633	363	SY	199	II Zw 1
01 19 57	- 04 37 38	P	I 5124	366	Q	192	PKS 0119-046
01 20 53	09 16 13	A	* I 3078	375	Q	237	
01 21 55	- 73 35 45	S	I 622			294	
01 22 10	09 16 30	P	I 2089	380	G	338, 119	NGC 524
01 23 00	- 01 45 59	F	I 1821		CLG	190	A194
01 23 33	18 54 46	A	* I 190	387	S	336	Rho Psc
01 24 15	34 07 06	A	I 4199	388	S	336	HD 8774
01 26 24	07 25 41	A	I 454	393		227, 316	galaxy in cluster?
01 27 16	- 73 45 27	A	I 7991	395		50	SMC Deep Surveys
01 28 50	- 07 08 00	S	I 5768		G	59	N0584
01 30 04	30 22 54	P	* I 2090	401		241	M33
01 30 06	30 22 31	A	* I 2090	401		225	M33
01 30 10	30 18 00	A	* I 2090	402		225	
01 30 22	30 23 09	A	* I 2090	403		225	
01 30 22	30 23 21	P	* I 2090	403		241	M33
01 30 26	30 37 12	A	* I 2090	404		225	
01 30 31	03 23 45	P	I 4249	405	Q	370	PHL 1027
01 30 34	30 28 42	P	* I 2091	406		241	M33
01 30 35	30 28 29	A	* I 2090	406		225	
01 30 40	30 11 57	A, P	* I 2090	407		225, 241	M33
01 30 44	30 16 51	P	* I 2090	408		241	M33
01 30 46	30 16 38	A	* I 2090	408		225	
01 30 49	- 40 51 53	F	I 2578		Q	203, 205	Q 0130.7-4025, Q 0130.8-4021
01 31 01	30 24 03	A	* I 2090	409		225	M33 central source
01 31 01	30 24 15	P	* I 2090	409		241	M33
01 31 05	30 17 48	P	* I 2090	411		241	M33

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
01 31 07	03 42 18	P	I 4249	412	Q	370	PHL 1033
01 31 18	30 34 09	P	* I 2091	416		241	M33
01 31 46	30 39 40	A	* I 2090	424		225	
01 32 01	30 14 03	A	* I 2090	425		225	
01 32 58	30 29 13	A	* I 2090	432	S	225	
01 33 06	54 00 17	F	I 3303		S	7	AX Per
01 33 39	20 42 11	P	* I 482	437	Q	370	3CR 47
01 33 40	20 42 16	A	* I 482	437	Q	322, 323	3CR 47
01 33 40	20 42 17	P	* I 482	437	Q	370, 360	3CR 47
01 33 50	50 41 37	F	I 3351		CV	75	KT Per
01 34 00	15 31 55	A	I 7042	440	G	99	NGC 628 spiral galaxy
01 34 03	15 31 57	P	I 7042	440	G	338	NGC 628
01 34 03	50 41 58	P	I 3351	439	CV	74	KT Per
01 34 24	20 26 45	A	* I 482	442	S	336	SAO 74827
01 34 43	03 22 59	S	I 513		Q	370	PHL 1070
01 34 50	32 54 20	A	I 480	444	Q	323	3CR 48
01 34 50	32 54 23	P	I 480	444	Q	360	
01 35 00	03 39 30	A	I 513	445	AGN	227, 316	
01 35 04	- 13 14 20	S	I 227		CLG	167	A222
01 35 07	- 71 22 14	S	I 615			294	
01 35 28	- 13 05 31	S	I 227		CLG	167	A223 (A,B)
01 36 20	06 05 50	A	I 4250	454	AGN	227, 316	
01 36 31	- 18 12 28	P	* I 905	455	S	8	UV Cet
01 36 31	- 18 12 59	A	* I 905	455	S	336	UV Cet
01 37 12	06 02 59	F	I 4250		Q	370	PHL 1092
01 37 44	- 01 04 54	P	I 4251	458	Q	370	NAB 0137-010
01 38 00	- 56 27 42	A	I 4935	460	S	186	Gliese/WEPP 66A(ab)B
01 38 04	- 12 07 08	A	I 9113	461	CLG	334	A236
01 41 21	02 05 38	A	* I 2464	473	SY	335	Sey 2, Mrk 573
01 44 11	- 00 55 39	A	I 3714	474	AGN	316	
01 44 11	- 00 55 42	A	I 3714	474	AGN	227	
01 46 31	- 21 08 00	P	I 7842	484	S	78	TW Cet
01 49 51	35 54 20	P	I 295	493	CLG	190, 315	A262
01 49 52	- 16 39 29	S	I 2481		Q	237	
01 50 13	29 20 03	A	I 845	495	S	336	Alpha Tri
01 50 14	29 20 10	P	I 845	495	S	287	HR 544
01 50 34	- 13 58 53	P	I 5769	497	G	338, 119	NGC 720
01 50 34	- 13 59 06	A	I 5769	497	G	327	NGC 720
01 50 56	- 10 15 08	A	I 5179	499	Q	283	
01 57 12	- 61 48 44	A	I 846	508	S	336	Alpha Hyi
01 57 15	00 09 38	A	I 5335	509	Q	324	Mkn 1014
01 57 15	- 61 48 35	P	I 846	508	S	287	HR 591
01 59 09	03 30 12	A	I 8461	514	CLG	127	Abell 293
02 01 51	64 35 23	A	* I 1658	518	SNR	19	3C58
02 01 52	64 35 00	A	* I 1658	518	SNR	19	3C58
02 02 04	15 00 03	S	I 3255		Q	47	4C 15.05
02 04 10	15 02 36	F	I 3187		CV	75	TT Ari
02 04 10	15 03 32	P	* I 3187	522	CV	74	TT Ari
02 04 10	15 03 41	P	* I 7614	522	S	184	TT Arietis
02 05 15	02 28 46	P	I 3978	526	Q	366	3C110
02 05 22	- 37 56 00	P	I 5388	527	Q	370	
02 06 19	52 12 31	A	* I 1239	534	SY	175, 176	
02 07 09	- 10 22 48	S	I 7828		GLB	13	A318
02 07 26	- 39 52 42	P	I 4253	538	Q	370	
02 08 26	- 63 32 45	P	I 4920	541	CV	74	WX Hyi
02 08 28	- 63 33 05	F	I 4920		CV	75	WX Hyi
02 08 29	- 51 04 14	S	I 8382		S	186	Gliese/WEPP 86
02 09 00	62 41 59	F	I 7564		SNR	217	HB 3
02 09 00	62 42 00	F	I 7564		SNR	339	HB3 - radio SNR
02 10 00	62 36 59	F	I 3593		SNR	217	HB 3
02 10 00	62 37 12	F	I 3593		SNR	339	HB3 - radio SNR
02 10 36	86 06 09	S	I 562		Q	370	3CR 61.1
02 10 49	86 05 10	S	I 562		Q	322	3C 61.1
02 10 55	62 02 59	F	I 3594		SNR	217	HB 3
02 10 55	62 03 00	F	I 3594		SNR	339	HB3 - radio SNR
02 12 00	- 00 59 49	P	* I 2636	548	SY	199	MKN 590
02 12 16	62 34 47	F	I 3598		SNR	217	HB 3
02 12 16	62 34 48	F	I 3598		SNR	339	HB3 - radio SNR
02 12 45	73 35 52	A	* I 7584	549	BL	29	
02 12 49	73 35 39	F	I 7584			27	BI Lac?

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
02 14 00	62 31 59	F	I 7562		SNR	217	HB 3
02 14 00	62 32 00	F	I 7562		SNR	339	HB3 - radio SNR
02 14 57	- 03 21 52	A	I 2253	552	Q	237	
02 15 11	01 31 54	S	I 3895		BL	231	
02 15 14	01 31 00	S	I 3895		BL	221	
02 17 30	62 52 59	F	I 7563		SNR	217	HB 3
02 17 30	62 53 00	F	I 7563		SNR	339	HB3 - radio SNR
02 17 36	62 13 47	F	I 3597		SNR	217	HB 3
02 17 36	62 13 48	F	I 3597		SNR	339	HB3 - radio SNR
02 19 30	42 48 37	P	* I 3068	558	BL	229, 231	3C66A
02 19 30	42 48 42	P	* I 2709	558	BL	229	3C66A
02 20 02	42 45 54	A	* I 2709	560	G	112	66B a 3CR galaxy
02 20 02	42 46 01	A	* I 3068	560	G	95	3CR Radio Galaxy
02 20 03	42 46 01	A	* I 3068	560	RS	229	3C66B WAT radio gal.
02 21 06	42 48 00	A	* I 2709	563	RS	229	3C66B WAT radio gal.
02 21 31	- 08 49 21	P	I 229	564	CLG	165, 167	A348
02 21 32	- 08 48 35	A	* I 1812	564	CLG	2	A348
02 21 51	06 45 54	P	I 3256	565		267	
02 25 06	- 01 23 00	A	I 5771	572	G	59	N0936
02 25 33	31 21 06	P	I 6705	574	AGN	200	
02 26 23	- 03 50 49	P	I 4022	578	Q	370	PHL 1305
02 27 10	- 13 10 20	S	I 187		S	162	HD 15527
02 27 32	- 13 28 58	A	I 2335	581	CLG	2	A358
02 27 51	34 07 53	A	I 5142	583		47	serendipitous source
02 29 04	13 09 49	P	I 3257	585	BL	267	
02 29 04	34 26 05	A	I 5142	586		47	serendipitous source
02 29 06	34 27 08	P	I 5142	586	Q	47	3CR 68.1
02 29 30	33 51 20	A	I 5142	588		47	serendipitous source
02 32 31	- 44 00 44	P	I 2302	592	S	53, 8	CC Eri
02 33 44	06 49 12	A	I 4412	599	S	127	K5(e) weak H alpha em.
02 34 12	- 03 21 49	A	I 7922	602	S	186	Gliese/WEPP 9087
02 34 54	28 35 14	P	I 3258	609		267	
02 35 52	16 24 20	P	* I 9562	618	BL	231	
02 35 53	16 24 02	P	* I 1987	618		267	
02 36 40	61 00 53	A	* I 3621	627	S	34	LSI +61 303 var. radio S.
02 36 40	61 00 55	A	* I 4540	627	G	175, 176	X-ray binary
02 37 13	- 02 47 33	F	I 3259		Q	164	
02 37 15	- 02 47 38	P	I 3259	631		267	
02 37 21	- 01 47 29	P	I 245	633	CLG	274, 167	A370
02 37 51	39 54 32	A	I 5181	637	Q	283	
02 37 53	- 23 21 56	P	* I 2014	638	Q	208	
02 38 55	06 57 57	A	I 3466	645	SY	335	Sey 1, Mrk 595
02 39 01	39 59 23	S	I 5181		S	232	W9095
02 39 05	39 58 29	F	I 5181		S	343	
02 40 03	00 43 45	A	* I 1927	648	AGN, Q	65, 237	
02 41 00	62 15 29	A	I 3625	653	Q	176	4U 0241+61
02 41 01	62 15 41	P	I 3625	653	Q	253	
02 41 45	- 14 04 29	F	I 4958		S	62	SAO 148575
02 42 46	- 18 47 05	P	I 5448	658	S	287	HR 818
02 42 56	36 40 56	A	I 1773	660	CLG	2	A376
02 44 09	- 30 29 05	P	I 2093	661	G	338	NGC 1097
02 44 23	69 25 42	P	I 7737	663	S	252	RZ Cas
02 44 38	- 30 13 19	S	I 2093		Q	364	Q1097.3
02 44 41	- 30 20 12	A	I 2093	665	Q	364	Q1097.2
02 44 51	19 28 45	P	I 2661	667	AGN	200	
02 45 26	- 30 14 55	A	I 2093	668	Q	364	Q1097.4
02 48 28	56 43 51	F	I 5041		S	277	HD 17638
02 51 15	41 22 30	P	I 6698	675	CLG	56, 202	AWM7
02 55 00	05 48 56	P	* I 6085	681	CLG	190, 315	A400
02 55 03	05 49 32	A	I 1824	683	CLG	2	A400
02 55 07	12 50 36	P	* I 185	682	CLG	190, 315	A399
02 55 11	12 50 13	P	* I 185	682	CLG	330	A399
02 55 12	12 49 56	A	* I 1824	682	CLG	2	A399
02 55 12	20 27 49	P	I 9691	684	S	287	HR 878
02 56 11	13 22 17	A	* I 1776	687	CLG	2	A401
02 56 14	13 23 00	P	* I 3458	687	CLG	330	A401
02 57 22	07 33 06	A	I 5698	691	S	162	HD 18632
02 58 43	35 38 06	A	I 1825	698	CLG	2	A407
02 58 52	43 30 41	F	I 4611		G	51	radio G. in non-Abell cl.
03 02 30	17 16 40	A	I 6830	714	CLG	127	

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
03 02 36	- 22 23 34	A	I 2338	715	AGN, Q	65, 237	
03 02 44	16 58 28	A	I 6830	716	CLG	127	S(6cm)=3.3 mJy
03 03 53	17 17 01	A	I 6830	720	S	127	early K, SAO 093280
03 04 54	40 45 53	A	I 829	724	S	336	Beta Per
03 05 30	49 25 24	A	I 4418	726	S	336	Iota Per
03 05 35	49 25 22	P	I 4418	726	S	232	W124
03 06 21	10 17 49	P	I 3260	730		267	
03 09 51	47 55 11	F	I 3193		S	343	
03 09 53	47 55 23	P	I 3193	736	CV	340	LX Per
03 12 00	- 22 46 45	P	I 3823	740	S	26	2A 0311-227
03 12 53	34 29 35	P	I 4887	745	S	62, 130	HD 20210, SAO 56296
03 12 54	34 29 35	P	I 4887	745	S	60	HR976
03 12 54	- 77 03 08	P	I 5401	746	Q	370, 360	PKS 0312-770
03 13 46	34 26 07	P	I 4887	749	Q	60	4C34.13
03 16 29	41 19 54	A	* I 283	751	CLG, G	41, 95	3C 84, 3CR Radio Galaxy, NGC 127.
03 16 30	41 19 58	P	* I 283	751	CLG	190	A426
03 16 30	41 20 00	F	I 283		CLG	101	NGC 1275 (Perseus)
03 16 47	03 11 45	P	I 7955	752	S	232	W137
03 17 00	18 34 47	A	I 7511	753	BL	318	
03 17 01	18 35 24	A	I 7511	753	BL	127	S(6cm)=17 mJy
03 17 24	- 67 06 28	P	I 7044	754	S	287	HR 1014
03 17 39	- 66 40 42	A	I 7044	755	G	99	NGC 1313 spiral galaxy
03 17 42	- 66 40 13	P	I 7044	755	G	338	NGC 1313
03 17 45	- 66 46 58	A	I 7044	756	S	127	M star
03 18 05	- 19 37 18	A	I 2094	758	Q	237	
03 20 47	- 37 22 52	P	* I 1884	761	G	338, 119	NGC 1316
03 23 37	02 14 45	P	I 10632	771	BL, RS	80, 113	radio source
03 24 04	- 21 30 28	P	I 7028	772	G	338, 119	NGC 1332
03 25 18	- 53 53 59	F	I 1827		CLG	209	Horologium supercluster
03 25 19	02 23 00	S	I 10632		G	112	88 a 3CR galaxy
03 26 39	- 20 09 04	A	I 5453	782	S	127	F8, SAO 168572
03 27 47	43 44 06	P	* I 1757	785	CV	74	GK Per
03 27 48	43 43 39	A	* I 1757	785	SNR	16	GK Per
03 27 48	43 44 05	F	* I 1757		CV	75	GK Per
03 27 48	43 44 18	P	* I 1757	785	CV	74	GK Per
03 29 55	- 03 28 52	S	I 7327		S	355	AS Eri
03 30 32	- 09 37 34	A	I 3106	788	S	185	Gliese-Wolley #144
03 30 32	- 09 37 35	A	I 3106	788	S	336	Epsilon Eri
03 30 33	- 09 37 29	P	I 3106	788	S	12, 8	epsilon ERI
03 31 06	- 05 22 01	A	I 6369	792	AGN	127	
03 31 42	- 36 18 58	A	* I 3058	794	SY	228	Seyfert II, NGC 1365
03 33 21	32 08 40	P	I 3886	801	Q	242	NRAO 140
03 34 13	00 25 18	A	* I 5455	804	S	127	G0, SAO 111291 HR 1099
03 34 13	00 25 36	P	* I 2306	804	CV	53	HR 1099
03 35 25	- 35 01 25	A	* I 4128	809	Q	237	
03 35 59	- 35 23 30	S	I 4128		S	237	
03 36 05	- 24 53 57	A	I 4084	813	AGN	280	
03 36 19	- 23 11 24	A	I 9185	815	G	327	NGC 1395
03 36 20	- 23 11 15	P	I 9185	815	G	119	NGC 1395
03 36 46	- 26 30 16	P	* I 2096	817	G	338	NGC 1398
03 36 59	- 01 56 00	P	* I 3261	820		267	
03 37 55	- 18 44 09	P	I 10241	824	G	82	N 1407
03 38 22	- 21 29 19	P	I 3894	825	BL	231	
03 38 23	- 21 29 08	A	I 3894	825	BL	221	
03 39 18	47 37 59	F	I 2226		S	223	delta Per
03 40 00	- 53 50 00	F	I 1829		CLG	209	Horologium supercluster
03 40 34	23 31 03	S	I 9918		S	54	Hertzsprung 120
03 40 49	24 50 32	A	I 9916	831	S	54	Hertzsprung 174
03 41 16	23 56 43	A	* I 9916	840	S	54	Hertzsprung 303
03 41 21	24 37 32	A	* I 5458	841	S	186	Gliese/WEPP 9124,5,7
03 41 21	24 37 39	A	* I 9916	841	S	54	Hertzsprung 314
03 41 21	24 37 52	A	* I 9916	841	S	186	Gliese/WEPP 9124,5,7
03 41 22	24 38 08	A	* I 5458	841	S	186	Gliese/WEPP 9124,5,7
03 41 27	24 25 52	A	* I 9916	843	S	54	Hertzsprung 345
03 41 37	- 53 47 15	A	* I 1829	845	CLG	209	Horologium supercluster
03 41 40	- 53 48 10	F	I 3437		CLG	209	Horologium supercluster
03 41 42	24 39 27	A	I 9916	846	S	54	Hertzsprung 405
03 41 54	23 57 28	F	I 5457		S	255	Pleiades field
03 41 58	67 56 36	A	I 7045	848	G	97, 99	IC 342
03 42 12	24 18 11	A	I 9916	849	S	54	Hertzsprung 563

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
03 42 15	24 55 30	S	I 9916		S	54	Hertzsprung 559
03 42 24	23 34 13	A	* I 2296	850	S	54	Hertzsprung 625
03 42 26	23 15 31	S	I 9918		S	54	Hertzsprung 659
03 42 30	23 29 59	F	I 9918		S	54	Pleiades
03 42 30	24 29 59	F	I 9916		S	54	Pleiades
03 42 39	24 27 57	A	* I 9916	854	S	54	Hertzsprung 727
03 42 41	23 35 59	A	* I 2296	855	S	54	Hertzsprung 738
03 42 41	23 55 22	A	* I 2296	853	S	54	Hertzsprung 708
03 42 43	24 44 48	A	I 9916	856	S	54	Hertzsprung 739
03 42 45	24 03 50	A	* I 2296	857	S	54	Hertzsprung 761
03 42 50	24 12 46	F	I 5458		S	62	SAO 76155
03 42 50	24 12 47	F	I 5458		S	255	Pleiades field
03 42 51	24 12 46	F	I 5458		S	62	SAO 76155
03 42 52	25 01 41	S	I 4085		AGN	280	
03 43 10	23 11 36	A	* I 2296	859	S	54	Hertzsprung 915
03 43 12	24 30 21	S	I 9916		S	54	Hertzsprung 917
03 43 18	24 02 09	A	* I 2296	861	S	54	Hertzsprung 956
03 43 20	23 47 22	A	* I 2296	862	S	54	Hertzsprung 980
03 43 28	23 26 09	A	* I 2296	863	S	54	Hertzsprung 1039
03 43 29	24 16 49	A	* I 9916	864	S	54	Hertzsprung 1032
03 43 40	23 56 46	A	* I 2296	867	S	54	Hertzsprung 1122
03 43 41	23 20 22	A	* I 2296	868	S	54	Hertzsprung 1136
03 43 41	24 11 50	S	I 9916		S	54	Hertzsprung 1123
03 43 48	23 49 38	S	I 2296		S	54	Hertzsprung 1170
03 44 04	23 33 12	A	* I 2296	872	S	54	Hertzsprung 1282
03 44 04	24 40 00	A	I 9916	870	S	54	Hertzsprung 1266
03 44 06	23 28 19	A	* I 2296	871	S	54	Hertzsprung 1286
03 44 06	23 41 49	F	I 2296		S	54	Pleiades
03 44 11	23 34 35	A	* I 2296	872	S	54	Hertzsprung 1321
03 44 19	23 53 20	A	I 2296	874	S	54	Hertzsprung 1355
03 44 24	23 46 03	A	* I 2296	875	S	54	Hertzsprung 1392
03 44 24	24 26 01	A	* I 9916	876	S	54	Hertzsprung 1384
03 44 34	24 12 43	A	* I 2296	878	S	54	Hertzsprung 1514
03 44 45	23 48 31	A	* I 2296	880	S	54	Hertzsprung 1531
03 44 47	23 34 07	A	* I 2296	879	S	54	Hertzsprung 1570
03 45 05	23 51 26	A	* I 2296	881	S	54	Hertzsprung 1733
03 45 17	23 43 09	S	I 2296		S	54	Hertzsprung 1784
03 45 37	24 04 03	S	I 2296		S	54	Hertzsprung 1929
03 45 40	23 23 30	S	I 2296		S	54	Hertzsprung 1948
03 45 50	23 49 28	A	* I 2296	883	S	54	Hertzsprung 2034
03 46 06	23 38 06	A	* I 2296	884	S	54	Hertzsprung 2147
03 46 11	23 25 23	S	I 2296		S	54	Hertzsprung 2193
03 46 17	01 07 51	P	I 3178	885	S	194	GR 288 (WD0346-01)
03 46 20	24 36 54	A	I 9917	886	S	54	Hertzsprung 2244
03 46 30	23 29 59	F	I 9919		S	54	Pleiades
03 46 30	24 29 59	F	I 9917		S	54	Pleiades
03 46 35	24 22 54	A	I 9917	888	S	54	Hertzsprung 2351
03 46 43	24 09 16	A	I 9917	890	S	54	Hertzsprung 2366
03 46 58	23 41 40	A	I 9919	891	S	54	Hertzsprung 2500
03 47 01	23 24 36	A	I 9919	892	S	54	
03 47 24	14 02 17	S	I 2346		S	162	HD 24091
03 47 32	17 05 35	P	* I 7413	894	S	369	V471 Tau
03 47 48	24 44 47	A	I 9917	895	S	54	
03 48 25	24 38 55	A	* I 9919	898	S	54	Hertzsprung 3050
03 48 39	24 24 01	S	I 9917		S	54	Hertzsprung 3096
03 49 03	24 31 00	A	I 3175	899	S	283	dMe star
03 50 34	28 04 38	S	I 1888		Q	237	
03 50 59	31 44 12	A	I 2227	902	S	162	Zeta Per
03 51 33	02 40 33	A	* I 1931	904	AGN, Q	65, 237	
03 52 15	30 54 02	P	* I 4535	906	S	211	HD 24912 (Xi Per)
03 52 16	30 54 07	P	* I 4535	906	S	223, 354	xi Per
03 54 46	53 50 47	A	I 5919	914	S	162	HD 24717
03 54 58	01 18 26	A	I 5460	915	S	186	Gliese/WEPP 157B(ab)
03 55 43	35 38 56	A	I 2218	916	S	162	XI Per
03 56 08	10 17 33	S	I 6311		G	257	3C 98 (radio)
03 56 10	10 17 39	S	I 6311		G	95	3CR Radio Galaxy
03 56 55	10 11 18	P	* I 2683	917	S	287	HR 1233
03 57 27	10 46 58	P	* I 2683	919	AGN	200	
03 57 40	34 33 59	F	I 4612		G	51	radio G. in non-Abell cl.
04 02 21	21 52 21	A, P	I 7918	933	S	186, 232	Gliese/WEPP 160

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
04 03 14	- 13 16 06	P	* I 7629	935	Q	38	PKS 0403-13
04 08 45	- 56 14 38	P	I 7030	945	G	338, 119	NGC 1533
04 09 29	- 71 25 53	F	I 3352		CV	75	VW Hyi
04 09 35	- 71 25 29	P	I 3352	946	CV	74	VW Hyi
04 09 44	22 57 29	P	I 8978	947	Q	47	
04 09 47	- 10 35 24	P	I 3367	948	S	78	YY Eri
04 10 02	10 28 50	S	I 303		S	336	SAO 93816
04 10 40	10 21 00	P	* I 303	949	CLG	189	A478
04 10 51	07 35 24	A	I 4423	950	S	336	46 Tau
04 10 52	07 35 41	P	I 4423	950	S	287	HR 1309
04 10 54	11 05 15	A	* I 1935	951	G	95	3CR Radio Galaxy
04 11 32	23 27 13	A	I 8978	953		47	serendipitous source
04 11 43	26 38 47	F	I 3815		S	344	star-formation region
04 11 49	10 34 36	S	I 303		S	336	HD 26781
04 12 21	07 17 24	A	I 4423	954	S	336	SAO 111689
04 12 27	- 08 03 08	A	I 865	955		316	
04 12 28	- 08 03 03	A	I 865	955	AGN	306	1E 0412.5-0863
04 12 28	- 08 03 08	A	I 865	955	AGN	227	
04 12 53	- 07 45 25	A, P	I 865	957	S	61, 336	40 Eridani system
04 12 58	- 07 45 36	P	I 865	957	S	61	40 Eridani system
04 12 59	- 07 45 27	P	I 865	957	S	8	40 Eri C
04 14 17	00 58 02	A	I 4521	959	BL	332	
04 14 46	16 49 36	A	* I 3666	961	S	308	HD 27130
04 14 48	- 06 01 04	P	I 521	962	Q	370, 366	3C 110
04 15 01	37 54 42	A	I 2669	963	G	112	111 a 3CR galaxy
04 15 26	21 28 10	S	I 3284		S	287	HR 1331
04 15 29	17 18 05	A	* I 3667	966	S	308	
04 16 08	28 59 23	F	I 4514		S	344	star-formation region
04 16 15	17 24 19	A	* I 3667	972	S	308	HD 27282
04 16 29	21 01 42	P	I 3284	973	S	180	HD 27295 - 53 Tau
04 16 57	15 30 31	A	* I 3663	975	S	308	HD 27371
04 16 59	- 62 54 03	P	I 7046	976	G	338	NGC 1559
04 17 01	- 62 54 18	A	I 7046	976	G	99	NGC 1559
04 17 03	16 24 14	A	* I 3664	977	S	308	HD 27383 AB
04 18 04	13 44 47	A	I 3522	979	S	308	HD 27483
04 18 05	13 44 35	P	I 3522	979	S	287	HR 1358
04 18 11	- 06 21 19	P	I 3194	980	CV	340	HR 1362
04 18 38	18 18 02	S	I 3668		S	308	HD 27534
04 18 45	14 17 34	A	* I 3521	985	S	308	HD 27561
04 18 45	28 19 13	F	I 4507		S	344	star-formation region
04 18 52	28 11 12	P	* I 3843	987	S	345	HDE 283572
04 19 04	19 25 18	F	I 3816		S	344	star-formation region
04 19 04	19 25 30	A	* I 3816	990	S	110	T Tau
04 19 14	13 57 39	S	I 3522		S	308	HD 27628
04 19 52	16 40 32	A	* I 3519	999	S	308	HD 27685
04 19 54	14 56 16	P	* I 9002	1000	S	311	Stars in Hyades cluster
04 19 54	14 56 25	A	* I 3521	1000	S	308	HD 27691 AB
04 20 03	17 25 37	A	* I 3519	1001	S	308	HD 27697
04 20 06	- 38 38 52	A	I 3721	1003		227, 316	
04 20 07	00 23 22	S	I 1989		Q	237	
04 20 23	- 38 59 52	A	I 3721	1006		227, 316	
04 20 30	- 38 51 43	P	* I 3721	1007	Q	370	
04 20 30	- 38 51 55	A	I 3721	1007	Q	322	
04 20 31	- 38 51 29	P	I 3721	1007	Q	370	
04 20 34	15 38 54	S	I 3517			308	
04 20 42	- 01 27 04	P	* I 2015	1013	Q	208, 267	
04 20 42	14 33 19	A	* I 3521	1012	S	308	HD 27771
04 20 44	- 01 27 20	P	* I 2015	1013	Q	208, 267	
04 20 55	- 39 03 25	A	I 3721	1016		227, 316	
04 21 00	14 48 26	A	* I 3521	1017	S	308	flare star
04 21 13	17 19 47	S	I 3528		S	308	HD 27819
04 21 14	17 18 28	S	I 3528		S	287	HR 1528
04 21 22	14 38 38	A	* I 3518	1020	S	308	HD 27836
04 21 23	14 38 31	P	* I 9003	1020	S	311	Stars in Hyades cluster
04 21 36	16 46 21	A	* I 3516	1021	S	308	HD 27859
04 21 56	15 45 41	A	* I 3517	1022		308	
04 22 11	00 29 08	P	* I 1989	1023	BL	267	
04 22 13	00 29 40	P	* I 1989	1023	BL	267	
04 22 20	17 09 19	A	* I 3516	1024	S	308	flare star
04 22 36	17 48 55	A	I 3528	1026	S	308	HD 27962

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
04 22 46	15 49 42	A	* I 4476	1027	S	308	HD 27991
04 22 54	17 54 18	A	I 3528	1029	S	308	HD 27990
04 23 15	15 24 44	A	* I 3518	1032	S	308	HD 28034
04 23 30	15 30 23	A	* I 3518	1034	S	308	HD 28052
04 23 30	15 30 24	P	* I 3518	1034	S	287, 311	HR 1408, Stars in Hyades cluster
04 23 31	15 30 30	P	* I 3518	1034	S	287	HR 1391, HR 1394
04 23 32	16 44 29	A	* I 3516	1035	S	308	HD 28068
04 23 47	16 38 40	P	* I 9001	1037	S	311	Stars in Hyades cluster
04 23 48	16 38 07	A	* I 3516	1037	S	308	HD 28099
04 24 00	25 35 42	F	I 4508		S	344	star-formation region
04 24 01	25 59 35	F	I 4509		S	344	star-formation region
04 24 45	15 28 43	A	* I 3513	1046	S	308	HD 28205
04 24 49	- 13 09 43	P	I 4029	1048	Q	370	PKS 0424-131
04 25 33	14 37 53	A	I 3524	1050	S	308	HD 28294
04 25 35	17 35 12	A	I 3527	1051		308	
04 25 43	15 51 03	P	* I 9005	1052	S	311	Stars in Hyades cluster
04 25 43	15 51 10	A	* I 3512	1052	S	308	HD 28307
04 25 55	17 10 35	A	I 3527	1054	S	308	HD 28344
04 25 59	16 10 48	A	* I 3512	1055		308	
04 26 04	26 16 51	F	I 3818		S	344	star-formation region
04 26 07	64 44 43	A	I 414	1056	G	92	NGC 1569
04 26 08	16 03 01	A	* I 3512	1058		308	HD 28363 AB
04 26 08	16 14 16	A	* I 3512	1057		308	
04 26 27	17 26 12	A	I 3527	1059	S	308	HD 28394
04 26 37	26 27 06	A	I 3818	1061	S	110	DH/DI Tau
04 27 15	15 32 21	P	* I 3518	1065	S	287	HR 1422
04 27 17	15 31 49	A	* I 3525	1065	S	308	HD 28485 AB
04 27 55	16 02 25	P	* I 9006	1067	S	311	Stars in Hyades cluster
04 27 55	16 02 30	A	* I 3511	1067	S	308	HD 28568
04 29 10	64 31 41	A	I 414	1075	S	336	HD 28945
04 29 13	64 31 53	A	I 414	1075	S	176	SAO 13185
04 29 17	- 05 11 56	P	I 6667	1077	G	119	NGC 1600
04 29 21	17 55 24	A	* I 867	1079	S	109	
04 29 23	18 13 54	A	* I 3819	1078	S	109	
04 29 25	05 18 16	A	* I 350	1080	S	325	8.5 magnitude survey
04 29 25	05 18 46	A	* I 350	1080	S	336	HD 28736
04 29 25	17 55 30	A	* I 3819	1079	S	110	14m star
04 29 25	18 14 30	A	* I 3819	1078	S	110	14m star?
04 29 26	05 18 11	P	* I 350	1080	S	287	HR 1436
04 29 27	05 16 57	A	* I 350	1080	S	325	8.5 magnitude survey
04 30 08	15 42 52	S	I 3511		S	308	HD 28805
04 30 31	05 15 03	P	* I 350	1087	SY	148	3C 120
04 30 35	25 14 26	F	I 4515		S	344	star-formation region
04 30 45	16 39 31	S	I 3514		S	308	HD 28878
04 30 54	18 06 31	F	I 3819		S	344	star-formation region
04 31 08	15 03 37	S	I 3515			308	
04 31 18	- 13 20 59	F	I 2348		CLG	266	A496
04 31 19	- 13 21 24	A	* I 2348	1092	CLG	2	A496
04 31 40	15 43 30	S	I 3515		S	308	HD 28977
04 31 44	15 24 07	A	I 3515	1096	S	308	HD 28992
04 31 49	15 06 24	A	* I 3515	1097		308	
04 31 52	24 22 50	F	I 4516		S	344	star-formation region
04 31 54	24 23 09	F	I 4516		S	344	star-formation region
04 32 37	15 17 52	S	I 3515			308	
04 32 51	10 03 41	P	* I 4893	1102	S	62, 130	88 Tau, SAO 94026
04 33 41	52 46 07	S	I 4942		S	186	Gliese/WEPP 172
04 34 00	- 10 28 32	P	I 2640	1105	SY	199	MKN 618
04 36 00	53 22 49	P	I 4942	1108	S	287	HR 1466
04 36 55	- 16 37 30	A	* I 3557	1112		125	
04 37 24	- 16 29 54	S	I 3558			125	
04 37 46	- 16 20 18	A	I 3557	1113		125	
04 37 53	- 16 12 18	A	* I 3558	1115		125	
04 37 54	- 16 33 12	S	I 3558		S	125, 336	G5
04 37 58	- 16 23 30	A	* I 3557	1117		125	
04 38 00	- 16 32 18	S	I 3558			125	
04 38 01	- 16 28 18	S	I 3557			125	
04 38 09	- 16 21 54	A	* I 3557	1119		125	
04 38 14	- 16 35 24	A	I 3557	1120		125	
04 38 22	- 16 42 12	S	I 3557			125	
04 38 26	- 16 35 36	A	* I 3557	1122	Q	125	

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
04 38 38	- 16 41 00	A	* I 3557	1125	S	125, 336	G0
04 38 39	- 10 49 48	A	I 3747	1124	AGN	227, 316	
04 38 39	- 16 34 58	F	I 3558			222	deep survey field - ERI
04 38 41	- 43 38 56	P	I 4011	1127	Q	370, 368	radio-loud quasar
04 38 49	- 16 21 54	A	I 3557	1128		125	
04 39 00	- 16 29 59	F	I 3557			222	deep survey fields
04 39 16	- 16 22 30	A	I 3558	1131	S	125, 336	K8-K9
04 39 18	- 11 02 12	A	I 3747	1132	CLG	227, 316	
04 39 20	08 17 20	A	I 5727	1133	CLG	2	A501
04 39 57	- 00 23 48	P	* I 2017	1137	Q	208	NRA0190
04 40 01	- 10 57 31	A	* I 3747	1138	AGN	227, 316	
04 41 25	- 10 46 28	P	I 3195	1142	CV	340	RZ Eri
04 43 18	01 56 13	S	I 4524		CLG	334	A508
04 44 55	- 59 20 12	A	I 427	1149	G	99	NGC 1672
04 44 58	- 59 19 52	A	I 427	1149	G	92	NGC 1672
04 45 55	- 20 31 16	A	I 1890	1153	CLG	2	A514
04 47 09	- 09 16 18	A	I 3748	1158	AGN	227	
04 47 09	- 09 17 18	A	I 3748	1158		316	
04 48 59	51 59 46	A	I 3924	1163	G	256	radio-jet galaxy
04 49 02	66 15 48	P	* I 3127	1164	S	63	Alpha Can
04 49 06	66 15 49	P	* I 5097	1164	S	63, 303, 211	HD 30614 (Alpha Cam)
04 49 24	- 18 23 45	A	I 785	1166		316	
04 49 26	- 18 23 55	A	I 785	1166	AGN	227	
04 50 23	- 18 17 07	A	I 785	1167	AGN	227	
04 51 34	02 50 42	P	* I 6841	1169	CLG	304	A520
04 51 45	- 10 17 34	P	I 4525	1171	CLG	333	A521
04 51 46	- 10 17 41	A	I 4525	1171	CLG	334	A521
04 52 00	30 31 47	F	I 3810		S	344	star-formation region
04 53 45	- 68 34 10	A	I 5859	1184	SNR	224	
04 54 01	- 22 03 41	P	I 5699	1185	BL	231	
04 54 57	84 27 52	F	I 7585		BL	27	Bl Lac
04 55 06	84 27 30	S	I 7585		BL	29	
04 56 01	- 68 43 43	A	I 5859	1189	SNR	224	N86
04 57 57	- 05 55 58	A	I 5470	1195	AGN	127	
04 58 08	65 30 04	A	I 456	1197		176	
04 58 23	- 68 30 33	A	I 5859	1198		224	
04 58 39	- 69 08 34	A	* I 2408	1202	S	162	
04 58 40	- 69 07 24	A	I 5859	1202		224	Skymap 458007
04 58 50	- 70 13 29	S	I 5860			224	Skymap 458003
04 58 52	60 21 05	A	I 4229	1204	S	162	HD 31911
04 58 56	- 68 55 23	A	* I 5859	1205	S	76	
04 58 58	60 22 18	A	I 4229	1204	S	162	Beta Cam, HD 31911
04 59 00	- 68 54 38	A	* I 5859	1205	S	224	Binary S10
04 59 31	03 27 34	A	I 3145	1208	SY	124	intermediate-type Seyfert
04 59 54	25 12 23	F	I 2684		S	344	star-formation region
04 59 55	25 12 12	S	I 2684		G	112	133 a 3CR galaxy
05 00 02	25 18 36	S	I 2684		S	109	
05 00 20	- 70 12 13	S	I 5860		SNR	224	N186 CD
05 01 48	- 70 37 39	A	* I 5837	1214		224	
05 01 50	- 70 37 52	A	* I 5837	1214	S	76	
05 01 52	58 57 23	P	I 3196	1213	CV	340	12 Cam
05 05 51	- 67 57 15	A	I 2410	1222	SNR	224	DEM 71
05 06 05	- 68 06 18	A	* I 2410	1223	SNR	224	N23
05 06 43	10 08 10	P	I 7512	1226	Q	47	
05 09 20	- 68 47 29	A	* I 2423	1232	SNR	224	N103B
05 09 28	- 67 34 55	A	* I 2474	1235	SNR	224	
05 09 31	- 69 11 25	A	I 2435	1234	S	76	G8 IV
05 09 35	- 69 11 58	A	I 2435	1234		224	
05 09 50	- 69 58 02	S	I 2446			224	
05 10 59	- 68 48 34	A	I 2423	1237	S	76	poss. SNR
05 11 01	- 68 48 50	A	I 2423	1237		224	
05 12 59	45 56 45	P	I 849	1239	S	12	alpha Aur Ab
05 12 59	45 56 46	A	I 849	1239	S	336	Alpha Aur
05 13 00	45 56 50	P	I 849	1239	S	8	Capella
05 13 32	- 70 31 10	A	I 5838	1241	S	76	V 12567
05 13 37	- 70 30 38	A	I 5838	1241		224	
05 13 38	- 00 12 13	P	I 2641	1240	SY	199	AKN 120
05 13 57	06 23 30	S	I 2352		CLG	2	A539
05 14 23	- 06 49 10	S	I 4435		S	130	SAO 131941
05 14 24	06 26 57	A	* I 2352	1243	BL	238	

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
05 15 10	- 06 53 49	A	I 4435	1244	S	336	Tau Ori
05 16 18	- 68 18 52	A	* I 2411	1247	S	76	G IV
05 16 19	- 68 18 52	A	* I 2411	1247		224	
05 17 56	- 70 46 54	A	* I 2463	1250		224	
05 18 17	- 16 35 26	A	I 489	1251	Q	322, 323	3CR 138
05 18 17	- 16 35 40	P	I 489	1251	Q	370	3CR 138
05 18 40	- 69 25 25	S	I 4561			224	
05 19 03	- 69 42 56	S	I 4561		SNR	224	N120D
05 19 12	- 06 37 59	F	I 7826		CLG	13	
05 19 40	- 71 06 49	A	I 5843	1256		224	
05 19 43	- 71 07 02	A	I 5843	1256	S	76	D Me
05 19 53	- 69 05 00	A	* I 4561	1257	SNR	224	
05 20 04	- 69 28 45	A	I 4561	1259	SNR	224, 76	
05 20 08	- 66 07 21	A	I 2394	1260	S	76	G 8V
05 20 17	- 66 06 40	A	I 2394	1260		224	
05 20 25	- 71 39 20	A	I 5843	1261		224, 76	variable
05 20 44	- 17 17 13	S	I 4348		S	186	Gliese/WEPP 201
05 21 14	- 36 30 20	P	I 548	1263	BL	231	
05 21 16	- 72 00 23	A	* I 5854	1264	S	76	pec. em. star
05 21 17	- 72 00 22	A	* I 5854	1264		224	LMC X-2
05 21 30	- 17 20 31	P	I 4348	1266	S	232	W202
05 22 27	- 67 57 59	A	I 2405	1269	SNR	224	N44I
05 24 31	- 70 13 45	A	I 2458	1275	SY	76	
05 24 33	- 69 41 59	F	I 2448		SNR	179	N132D in LMC
05 24 35	- 70 13 24	A	I 2458	1275		224	
05 24 40	- 71 11 37	A	* I 2464	1276	S	224	Binary S162
05 24 41	- 71 12 13	A	* I 2464	1276	S	76	d M5e
05 25 19	- 66 01 52	P	* I 2394	1277	SNR	161	(N49)
05 25 19	- 66 01 54	A	* I 2472	1277	SNR	224	N49B
05 25 22	- 69 41 51	A	* I 2448	1278	SNR	224	N132D
05 25 45	- 69 35 59	F	I 5886		SNR	179	N132D in LMC
05 25 55	- 66 07 28	P	* I 2394	1279	SNR	161	N49
05 25 56	- 66 07 31	A	* I 2472	1279	SNR	224	N49
05 26 05	- 20 47 31	P	I 4416	1280	S	12	beta Lep
05 26 05	- 69 15 51	S	I 2426		S	224, 76	B0
05 26 06	- 20 47 56	A	I 4416	1280	S	336	Beta Lep
05 26 21	- 11 49 12	A	I 3817	1281	S	110	GW Ori
05 26 24	- 70 13 35	S	I 2458			224, 76	
05 26 33	- 11 49 30	A	I 3817	1283	S	110	V649 Ori
05 27 34	- 32 51 52	A	* I 4497	1286	CV	352	2A 0526-328
05 27 45	- 65 51 38	S	I 2472		SNR	224	DEM 204
05 27 59	- 69 13 18	S	I 2438			76	
05 28 00	- 69 13 53	S	I 2438		S	224	Binary S109
05 28 04	- 25 06 00	P	I 4014	1288	Q	370	PKS 0528-250
05 28 07	- 13 29 34	P	I 7167	1289	Q	47	
05 28 32	- 67 45 23	S	I 2406			224	
05 28 36	- 65 29 13	A	I 2396	1290	S	76	HD 36705
05 28 36	- 65 29 14	A	I 2396	1290	S	162	HD 36705
05 28 37	- 65 29 14	A	I 2396	1290	RS	224	HD 36705(RS CVn)
05 28 40	- 65 29 28	A	I 2396	1290	CV	268	HD 36705, LMC X flare
05 29 27	- 00 20 04	A, P	* I 5100	1293	S	223, 303	Delta Ori A
05 29 44	- 68 54 22	A	* I 2427	1296	S	76	G2 III/IV
05 29 57	- 68 53 38	A	* I 2427	1296		224	
05 30 05	- 11 34 23	P	I 310	1297	CLG	304	A545
05 30 41	- 05 21 19	S	I 2573		S	207	SAO 132249/V928 Ori
05 30 42	- 66 56 35	A	I 2403	1303		76	
05 30 46	- 66 56 13	A	I 2403	1303		224	
05 30 54	- 70 48 25	A	I 2465	1304		224, 76	
05 31 11	- 05 28 01	A	* I 2573	1306	S	207	HU Ori
05 31 21	- 09 59 03	A	I 9060	1307	S	319	
05 31 30	- 21 59 00	F, P	* I 10292	1309	P, SNR	151, 11	Crab nebula pulsar
05 31 31	- 21 58 59	F	I 10369		N	49	Crab nebula
05 31 49	- 10 05 11	A	* I 9060	1315	S	319	HDE 245059
05 32 01	- 05 15 56	A	* I 2573	1325		207	
05 32 01	- 05 25 36	A	* I 2573	1323		207	
05 32 04	- 05 02 17	A	* I 2573	1326	S	207	V652 Ori
05 32 04	- 09 27 27	A	I 9060	1327	S	319	HD 36822
05 32 09	- 05 28 59	A	* I 2573	1330	S	207	V399 Ori
05 32 14	- 05 13 27	A	I 2573	1331	S	207	V473 Ori/XZ Ori
05 32 16	- 05 25 49	A	* I 2573	1335	S	207	IX Ori/V772 Ori

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
05 32 16	- 06 37 17	A	* I 7241	1332	S	278	(Orion) P1578/P1537
05 32 16	- 71 31 39	A	* I 2469	1337		224	
05 32 18	- 71 32 00	A	* I 2469	1337		76	
05 32 22	- 06 23 32	A	I 7241	1336	S	278	(Orion) V771/V775
05 32 22	09 54 08	A	I 9060	1341	S	319	lambda Orionis
05 32 25	- 05 13 06	S	I 2573		S	207	KN Ori
05 32 27	- 05 24 38	A	* I 2573	1345	S	207	KM Ori/ZZ Ori/MUL 24
05 32 28	- 05 25 07	A	* I 2567	1345	S	336	KM Ori
05 32 32	- 05 17 13	A	* I 2573	1350	S	207	V403 Ori
05 32 33	- 05 09 25	A	* I 2573	1354		207	
05 32 33	- 05 27 01	A	* I 2573	1345	S	207	KS Ori/V375 Ori
05 32 33	- 71 02 36	A	I 2469	1355	SNR	224	N206
05 32 34	09 46 02	A	I 9060	1348	S	319	
05 32 35	- 06 21 22	A	* I 7241	1347	S	278	(Orion) P1691
05 32 37	- 06 32 08	A	I 7241	1352	S	278	(Orion) V789 Ori
05 32 38	- 67 33 16	A	* I 2406	1351		224	
05 32 39	- 05 37 52	S	I 2573		S	207	SZ Ori/LO Ori
05 32 49	- 05 24 22	A	* I 2573	1366	S	207	Trapezium
05 32 49	- 05 25 16	A	* I 2567	1366	S	336	Theta Ori C
05 32 50	- 05 18 01	A	* I 2573	1370	S	207	MU/MS/MM/V493/V485/V489
05 32 50	- 05 24 38	A	* I 2567	1366	S	336	MT Ori
05 32 52	- 05 13 37	A	* I 2573	1371	S	207	NO Ori
05 32 55	- 05 26 51	A	* I 2567	1366	S	336	Theta 2 Ori
05 32 55	- 06 56 42	A	I 7241	1373	S	278	(Orion) P2014/P2052
05 32 56	- 05 10 00	A	* I 2573	1376	S	207	NP Ori/V492 Ori
05 32 58	- 04 56 40	A	* I 2573	1381	S	207	SAO 132326/AL Ori/V414 Or
05 32 59	- 05 56 59	P	* I 5095	1377	S	223, 303	HD 37043, iota Or
05 33 02	- 05 17 15	A	* I 2573	1383	S	207	NU Ori/NGC 1982/V497 Ori
05 33 03	- 71 10 18	S	I 2469			224	
05 33 10	- 06 54 04	S	I 7241		S	278	(Orion) P2126/P2127
05 33 14	- 05 30 04	A	* I 2567	1388	S	336	AN Ori
05 33 15	- 05 08 41	A	I 2573	1393	S	207	V500 Ori/AO Ori/V362 Ori
05 33 16	- 06 45 48	A	I 7241	1392	S	278	(Orion) HD37091
05 33 18	- 07 03 07	A	I 7241	1390	S	278	(Orion)
05 33 23	- 06 31 24	S	I 7241		S	278	(Orion)
05 33 32	- 06 18 37	A	* I 7241	1408	S	278	(Orion) SAO 132344
05 33 36	- 06 51 22	A	* I 7241	1409	S	278	(Orion) WH337
05 33 40	- 01 13 53	F	I 3128		S	64	Epsilon Ori
05 33 40	- 01 13 56	A	* I 5047	1411	S	336	Epsilon Ori
05 33 41	- 01 13 54	P	* I 5047	1411	S	63	Epsilon Ori
05 33 41	- 06 21 39	A	I 7241	1413	S	278	(Orion) P2339
05 33 48	- 06 40 25	A	I 7241	1416	S	278	(Orion) P2370
05 33 49	- 06 40 19	A	I 7241	1416	S	278	(Orion) P2298
05 33 53	- 06 33 42	A	* I 7241	1418	S	278	(Orion) P 2382
05 33 57	- 06 19 33	A	* I 7241	1422	S	278	(Orion) PR Ori
05 33 58	- 06 28 55	A	* I 7241	1421	S	278	(Orion) P 2385
05 33 59	- 06 44 32	A	* I 7241	1420	S	278	(Orion) V380 Ori
05 34 14	- 06 35 24	S	I 7241		S	278	(Orion) V585/V846
05 34 20	- 70 29 55	A	* I 4560	1431		224	
05 34 22	- 69 56 40	A	* I 2460	1436	SNR	224	
05 34 43	- 06 36 59	A	I 7241	1442	S	278	(Orion) BFOri/P2502
05 34 52	- 70 36 04	A	* I 4560	1447	SNR	224	DEM 238
05 35 13	- 69 46 11	S	I 2449			224	
05 35 16	- 06 41 20	A	I 7241	1452	S	278	(Orion) P2593
05 35 20	- 66 14 44	A	* I 2397	1453	S	76	d M4e
05 35 23	- 66 13 57	A	* I 2397	1453		224	
05 35 27	- 06 58 09	A	* I 7241	1457	S	278	(Orion) P2606?
05 35 31	- 06 25 50	S	I 7241		S	278	(Orion) SAO 132388
05 35 39	- 70 08 33	S	I 2459			224, 76	SNR candidate
05 35 41	- 66 04 03	A	* I 2397	1461	SNR	224	N63A
05 35 42	- 28 39 16	A	I 3720	1462	S	336, 325	8.5 magnitude survey, HD 37484
05 35 47	- 28 43 03	A, P	I 3720	1463	S	287, 186	Gliese/WEPP 9186
05 35 47	- 28 43 05	A	I 3720	1463	S	336, 325	8.5 magnitude survey, Phi 2 Col
05 36 10	- 67 36 17	A	I 2407	1469		76	variable
05 36 16	- 67 36 27	A	I 2407	1469		224	
05 36 23	- 28 48 54	A	I 3720	1471		227, 316	
05 36 35	- 28 51 50	A	I 3720	1476	S	336, 325	8.5 magnitude survey, HD 37627
05 36 36	- 70 40 47	A	* I 4560	1478	SNR	224	DEM 249
05 36 59	- 69 12 46	S	I 4559			224	
05 37 11	- 28 34 19	A	I 3720	1485		227, 316	

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
05 37 21	- 44 06 11	P	* I 547	1488	BL	370, 231, 234	PKS 0537-441
05 37 21	- 44 06 47	P	* I 547	1488	Q	366	3C206
05 37 55	- 28 41 18	P	I 3720	1496	Q	370	
05 37 57	- 28 41 27	A	I 3720	1496	Q	322	
05 38 06	- 71 51 37	A	I 5851	1498		224	
05 38 09	- 69 12 19	A	* I 4559	1499	SNR	224	N157B
05 38 14	- 01 57 56	P	I 2221	1500	S	223	zeta Ori A
05 38 14	- 01 58 03	A	I 2221	1500	S	162	Zeta Ori
05 38 39	- 69 25 11	A	* I 4559	1505	S	76	d K7e
05 38 40	- 69 25 14	A	* I 4559	1505		224	
05 38 44	49 49 43	A	I 483	1506	Q	323	3CR 147
05 38 45	49 49 54	P	I 483	1506	Q	370	3CR 147
05 38 49	50 14 06	A	I 483	1508	S	176	F star
05 38 53	- 68 54 42	A	* I 4559	1509	S	76	G2V
05 38 54	- 68 54 40	A	* I 4559	1509		224	
05 39 04	- 69 07 35	A	* I 2440	1513	S	162	HD 38268
05 39 04	- 69 11 08	A	I 4559	1515		76	variable
05 39 05	- 69 11 32	A	I 4559	1515		224	
05 39 07	- 69 06 54	A	* I 4559	1513	SNR	224	
05 39 18	12 28 32	A	I 3108	1517	S	336	Ross 47
05 39 18	12 28 34	A	I 3108	1517	S	185	Gliese-Wolley #213
05 39 46	- 69 49 23	S	I 2460			224, 76	variable
05 39 56	- 69 27 58	S	I 2440			224	
05 40 04	49 35 53	A	I 483	1521	AGN	176	
05 40 05	- 69 46 05	A	* I 2452	1522		224	LMC X-1
05 40 06	- 69 46 02	A	* I 2452	1522	S	76	LMC X-1
05 40 33	- 69 21 23	A	* I 5857	1525	P	298	50 msec pulsar
05 40 33	- 69 21 32	A	* I 4559	1525		224	N158A
05 42 25	- 70 23 24	S	I 2467			224	variable
05 43 13	- 68 58 10	S	I 2429		SNR	224	DEM 299
05 43 48	- 68 23 34	A	* I 2430	1550	S	76	
05 43 49	- 68 23 40	A	* I 2430	1550		224	
05 44 08	- 32 18 58	P	I 2222	1553	S	223	mu Col
05 45 21	- 65 09 05	S	I 2478			224	Skymap 545016
05 45 23	- 09 41 09	A	* I 5048	1562	S	336	Kappa Ori
05 45 23	- 09 41 11	F, P	* I 5048	1562	S	63, 64	Kappa Ori
05 46 46	- 68 35 15	A	* I 2418	1566		224, 76	faint blue star?
05 47 26	- 71 09 50	A	* I 5845	1569		76	
05 47 34	- 71 09 34	A	* I 5845	1569		224	
05 47 41	- 69 42 38	A	* I 2462	1570	SNR	224	N135
05 48 03	00 04 55	A	* I 8692	1572		176	white dwarf EG 289
05 48 21	- 70 25 25	A	* I 2462	1573	SNR	224	
05 48 28	- 65 51 18	S	I 2477			224	
05 48 48	- 32 17 04	P	* I 3069	1574	BL	230	PKS 0548-322
05 48 49	- 32 16 55	P	* I 3069	1574	BL	229, 231	PKS 0548-22
05 48 49	- 32 16 57	P	* I 2707	1574	BL	229	PKS 0548-322
05 49 29	- 32 07 09	S	I 2707			229	
05 50 34	- 66 37 39	A	I 2476	1581	SY	77	Seyfert Galaxy
05 50 34	- 66 37 40	A	I 2476	1581	SY	76	
05 50 35	- 66 36 51	A	I 2476	1581		224	
05 51 11	46 25 59	P	I 6380	1583	SY	216	MCG 8-11-11
05 51 24	20 16 12	P	I 4347	1584	S	232	W222
05 51 36	- 69 53 51	A	I 5833	1585		224	HD 40156
05 53 01	- 69 48 54	A	I 5833	1587		224	
05 53 10	- 69 26 46	A	I 5833	1589		224	
05 59 09	- 67 48 46	S	I 2475			224	
05 59 14	- 40 02 59	F	I 5167		CLG	190, 315	SCO 559-40
05 59 37	09 39 02	P	I 4894	1596	S	130, 287	HR 2124, mu Ori
05 59 37	09 39 21	P	I 4894	1596	S	62	SAO 113389
06 00 39	31 19 59	F	I 3197		S	343	
06 00 39	31 20 05	P	I 3197	1598	CV	340	C Q Aur
06 01 04	23 15 59	F	I 5183		S	343	
06 07 27	- 15 41 54	P	* I 7289	1608	Q	164	
06 08 25	- 21 50 42	P	I 10306	1615	S	5, 6	BD -21deg 1377, G 229 flare star
06 10 02	- 21 47 26	A	I 10306	1620	NG	3	NGC 2196
06 14 48	22 45 00	S	I 3797		SNR	262	IC 443
06 20 29	- 17 55 10	P	I 7896	1637	S	4	Beta CMA
06 20 36	- 52 40 15	A	I 6960	1638	CLG	127	PKS 0620-52
06 22 33	- 52 56 11	A	* I 6960	1641		127	X-ray variable
06 22 34	- 52 55 14	A	* I 847	1641		227, 316	

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
06 22 50	- 52 40 03	A	* I 847	1642	S	336	Alpha Car
06 22 50	- 52 40 08	P	* I 847	1642	S	12	alpha Car
06 23 14	18 47 06	A	I 5484	1646	S	186	Gliese/WEPP 233B
06 23 38	- 52 38 46	A	I 6960	1648	CLG	127	obscured by Canopus
06 26 28	- 54 25 24	S	I 4676		CLG	118	
06 26 52	- 02 46 27	A, P	I 5485	1663	S	186, 8	Gliese/WEPP 234B, Ross 614
06 27 00	05 40 00	F	I 7837		SNR	218	Monoceros nebula
06 27 19	- 02 45 29	A	I 5485	1665	S	176	
06 27 30	- 19 45 46	A	I 6737	1668		176	
06 27 52	05 54 54	F	I 5060		SNR	218	Monoceros nebula
06 28 04	- 20 10 25	A	I 6737	1670		176	
06 28 18	25 03 17	F	I 4613		G	51	radio G. in non-Abell cl.
06 29 16	04 58 32	A	I 1186, I 7965	1681	SNR	219, 218	Monoceros nebula source, SAO 114010
06 29 16	04 58 34	A	I 1186	1681	S	176	SAO 114010
06 29 31	04 51 56	A	* I 7965	1683	SNR	219	SAO 114017
06 29 31	04 51 58	A	I 1186	1683	S	176	SAO 114017
06 29 34	04 58 33	A	* I 7965	1684	SNR	219	SAO 114018
06 29 42	04 54 00	F	I 1186		SNR	218	Monoceros nebula
06 29 46	- 23 23 00	P	I 7897	1686	S	4	XI CMA
06 30 18	06 24 39	F	I 7965		SNR	219	Monoceros SNR, pos. 1
06 30 18	06 25 00	F	I 7965		SNR	218	Monoceros nebula
06 30 26	18 48 07	A	I 3332	1689		176	
06 30 59	17 48 33	A, P	* I 3333	1697		35, 37	Geminga
06 30 59	17 48 34	A	* I 3333	1697		35	
06 31 00	05 20 00	F	I 7838		SNR	218	Monoceros nebula
06 31 00	17 48 34	A	* I 3333	1697		35	
06 31 12	18 01 04	A	* I 3333	1700		35	
06 31 12	18 01 53	A	I 10371	1700		35	
06 31 14	18 02 10	A	* I 3333	1700	S	176	dMe star
06 31 31	18 18 58	A	* I 3333	1702		35	
06 31 36	18 19 59	A	I 10371	1702		35	
06 32 54	05 00 43	F	I 1184		SNR	218	Monoceros nebula
06 33 16	07 57 44	A	I 7834	1706	SNR	218	Monoceros nebula source
06 33 22	18 03 47	S	I 10371			35	
06 34 00	08 00 00	F	I 7834		SNR	218	Monoceros nebula
06 34 24	07 25 00	F	I 7966		SNR	218	Monoceros nebula
06 34 40	06 10 30	F	I 3050		SNR	218	Monoceros nebula
06 34 42	06 10 39	A, P	I 3050, I 7966	1711	S, SNR	312, 219, 218	HD 47129 (V640 Mon), Monoceros nebula source
06 34 49	16 26 36	A	* I 3049	1712	S	336	Gamma Gem
06 34 50	16 26 34	P	* I 3049	1712	S	62, 130	SAO 95912, gamma Gem
06 35 09	- 62 36 17	A	I 4557	1715		16	RR Pic
06 36 21	09 45 57	S	I 5089		S	301	NGC 2264 source
06 36 22	05 35 27	F	I 1182		SNR	218	Monoceros nebula
06 37 22	09 52 43	S	I 5089		S	301	NGC 2264 source
06 37 23	- 75 13 36	F	I 5404		Q	88	PKS 0637-75
06 37 24	- 75 13 37	P	* I 5404	1720	Q	370	PKS 0637-75
06 37 27	- 75 13 39	P	* I 8494	1720	Q	87, 360	PKS 0637-75
06 37 54	09 51 31	A	* I 5088	1722	S	301	NGC 2264 source
06 38 00	08 30 00	F	I 7833		SNR	218	Monoceros nebula
06 38 02	09 52 42	A	* I 5088	1722	S	301	NGC 2264 source
06 38 03	10 04 41	S	I 5088		S	301	NGC 2264 source
06 38 14	09 57 00	P	* I 5088	1723	S	303	HD 47839
06 38 28	09 30 38	A	* I 5088	1724	S	301	NGC 2264 source
06 39 30	06 50 00	F	I 7836		SNR	218	Monoceros nebula
06 40 48	05 53 36	A	* I 5307	1726	S	176	SAO 114321
06 41 49	06 10 04	F	I 1183		SNR	218	Monoceros nebula
06 42 36	05 34 43	F	I 5307		SNR	218	Monoceros nebula
06 42 54	44 54 34	P	I 3712	1729	Q	370	OH 471
06 42 55	- 16 39 19	A	* I 6962	1730	S	336	Alpha C Ma B
06 42 55	- 16 39 26	A	* I 837	1730	S	336	Alpha C Ma A
06 42 55	- 16 39 47	P	* I 837	1730	S	130	C Ma
06 43 03	- 16 48 25	P	* I 6962	1731	CV	71	dwarf nova
06 43 03	- 16 48 27	A	* I 10183	1731		176	HL CMA dwarf nova
06 45 45	01 16 54	P	I 10307	1734	S	5, 6	PZ Mon flare star
06 46 00	06 30 00	F	I 7835		SNR	218	Monoceros nebula
06 48 10	- 50 42 30	A	I 5488	1735		227, 316	
06 49 50	- 05 06 17	A	I 5490	1738	S	186	Gliese/WEPP 250B
06 49 53	- 05 14 44	A	I 5490	1739	S	176	SAO 133807
06 50 27	- 05 20 54	A	I 5490	1740	S	176	dMe star
06 52 08	- 23 51 48	P	* I 2281	1743	S	357	HD 50896 Wolf-Rayet

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
06 52 08	- 23 51 51	A	* I 7872	1743	S	162	HD 50896
06 52 12	- 23 51 00	F	I 2281		S	277	HD 50896
06 55 40	28 47 07	A	I 5999	1751	S	176	dMe star
06 56 57	14 18 50	A	I 2486	1755		176	
06 59 46	63 23 30	A	I 3553	1767	CLG	153	Z=0.097 Abell 566
07 00 46	63 38 08	A	* I 3553	1769	SY	153	Z=0.152
07 00 47	63 37 59	A	* I 3553	1769	SY	153	Z=0.152
07 00 50	- 05 39 51	P	* I 3198	1770	CV	340	VV Mon
07 00 52	- 05 39 43	A	* I 3198	1770	S	176	VV Mon
07 03 12	42 35 17	F	I 4619		G	51	radio G. in non-Abell cl.
07 05 21	48 41 22	A	I 1836	1780	CLG	2	A569
07 08 19	- 17 13 33	A	I 6907	1785	S	176	SAO 152509
07 10 15	11 51 28	P	I 490	1790	Q	370	3CR 175
07 10 16	11 51 25	A	I 490	1790	Q	322, 323	3CR 175
07 10 22	73 25 28	P	I 3199	1791	CV	340	SS Cam
07 11 10	- 46 40 43	P	I 5494	1792	S	287	HR 2740
07 11 49	- 10 18 06	A	I 1347	1793	S	176	K star
07 12 42	53 28 29	F	I 4620		G	51	radio G. in non-Abell cl.
07 13 15	36 48 13	S	I 3554		CLG	159	Z=0.07
07 13 29	37 00 12	A	I 3554	1799		159	
07 13 52	36 47 01	S	I 3554			159	
07 13 58	37 18 07	S	I 3554		G	159	
07 15 38	85 48 40	P	I 6645	1801	G	119	NGC 2300
07 16 13	71 27 48	F	I 5120		BL	27	
07 16 14	71 26 11	A	I 5120	1802	BL	29	
07 16 39	- 24 51 54	P	* I 5091	1804	S	180, 303	HD 57061
07 17 23	55 51 46	P	* I 3455	1805	CLG	190	A576
07 17 25	55 51 04	A	* I 1837	1805	CLG	2	A576
07 17 26	55 52 00	A	* I 3455	1805	CLG	358	A576
07 18 21	- 05 10 05	P	I 3200	1809	CV	340	Ar Mon
07 21 15	69 03 44	A	I 2098	1812	Q	237	
07 23 18	- 00 48 58	P	* I 3262	1815	Q	267, 164	
07 24 33	15 45 39	P	I 7334	1817	S	355	RY Gem
07 24 45	21 32 52	P	I 9692	1818	S	287	HR 2846
07 29 09	31 44 31	P	I 211	1823	CLG	274, 167	A586
07 30 19	65 47 00	A	* I 589	1825	S	336	HD 76081, SAO 14241
07 30 19	65 47 01	A	* I 589	1825	S	127	GO, SAO 014241
07 31 25	31 58 47	A	* I 211	1827	S	336	YY Gem
07 31 25	31 59 01	P	* I 2308	1827	S	53, 8	YY Gem
07 31 27	31 58 58	P	* I 211	1827	S	130	alpha Gem
07 32 05	65 42 40	A	* I 589	1830	G	99	NGC 2403
07 32 06	65 42 33	P	* I 589	1830	G	338	NGC 2403
07 32 44	58 53 05	P	I 2607	1832	SY	199	MKN 9
07 34 36	80 33 41	S	I 7719		G	257	3C 184.1 (radio)
07 34 50	80 33 35	S	I 7719		G	95	3CR Radio Galaxy
07 35 13	17 49 24	P	* I 1991	1843	BL	267, 231, 45	
07 35 16	17 49 09	P	* I 1991	1843	BL	267	
07 36 39	05 20 38	P	I 848	1849	S	287, 288, 191	HR 2943, Procyon A
07 36 39	05 20 42	P	I 848	1849	S	191	Procyon
07 36 41	01 44 08	P	* I 2019	1850	Q	208, 267	
07 36 43	01 43 59	P	* I 2019	1850	Q	208, 267	
07 37 59	31 18 53	P	* I 7295	1856	Q	164	
07 39 57	09 29 33	P	* I 183	1860	CLG	190, 315	A592
07 40 12	29 00 16	A	* I 2310	1861	S	162	Sigma Gem
07 40 12	29 00 20	P	* I 2310	1861	CV	53	Sigma Gem
07 40 57	38 00 31	A	I 499	1863	Q	323	3CR 186
07 40 58	38 00 32	P	I 499	1863	Q	370	3CR 186
07 42 03	03 40 31	P	* I 907	1871	S	8	YZ CMi
07 42 03	03 40 34	P	* I 908	1871	S	193	YZ Can: DMe fl. star=G285
07 42 14	28 08 35	P	I 4453	1872	S	12	beta Gem
07 43 02	03 46 17	A	* I 908	1874	S	176	GK star
07 43 51	03 51 09	A	* I 10640	1876	S	176	star outside error box
07 45 08	55 45 48	P	* I 2701	1877	AGN	200	
07 45 35	24 07 52	P	I 3263	1878		267	
07 49 27	- 13 45 46	S	I 10669		S	232	W291
07 52 00	39 18 59	F	I 2622			203	quasar or Seyfert
07 52 04	39 19 12	P	I 2622	1888	SY	199	MKN 382
07 52 07	22 08 09	A	* I 948	1889	S	336	U Gem
07 52 08	22 08 09	P	* I 3179	1889	CV	74	U Gem
07 52 08	22 08 17	F	I 948		CV	75	U Gem

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
07 52 09	22 08 16	P	* I 948	1889	S	90	U Gem
07 54 37	39 28 29	P	I 2622	1891	AGN	200	
07 55 30	- 52 50 30	A	I 5500	1893	S	336	Chi Car
07 56 48	- 49 06 30	A	I 6007	1896	S	162	V Pup
07 56 50	14 13 18	A	I 8979	1897		47	serendipitous source
07 58 09	14 06 36	A	I 8979	1899		47	serendipitous source
07 58 31	57 24 54	P	I 5184	1900	S	341	54 Can
07 58 43	14 23 09	P	I 8979	1901	Q	47	3CR 190
07 58 47	14 10 54	A	I 8979	1902		47	serendipitous source
07 58 57	13 56 30	S	I 8979			47	serendipitous source
07 58 57	14 07 42	S	I 8979			47	serendipitous source
08 01 49	- 39 51 40	A	* I 2223	1910	S	162	Zeta Pup
08 01 49	- 39 51 43	P	* I 2223	1910	S	63	Zeta Pup
08 01 50	- 39 51 42	P	* I 5110	1910	S	223, 63, 303	HD 66811, Zeta Pup
08 01 50	- 39 51 56	P	* I 2223	1910	S	63	Zeta Pup
08 02 04	10 23 56	A	I 10181	1913	Q	323	3CR 191
08 02 37	24 18 08	S	I 6322		G	257	3C 192 (radio)
08 02 39	24 19 49	S	I 6322		G	95	3CR Radio Galaxy
08 04 37	76 11 32	A	I 5336	1919	Q	324	
08 05 20	04 41 59	S	I 2021		Q	208	4C05.34
08 05 26	04 41 07	S	I 2021		Q	208	4C05.34
08 07 52	28 17 30	P	I 3354	1934	CV	74	YZ Cnc
08 07 55	28 17 23	F	I 3354		CV	75	YZ Cnc
08 07 57	- 47 11 50	A	* I 2283	1936	S	162	HD 68243
08 07 58	- 47 10 58	F	I 2283		S	277	WR11
08 08 00	- 47 11 18	A	* I 2283	1936	S	162	Gamma Vel
08 08 02	- 47 12 13	A	* I 2283	1936	S	162	
08 08 03	- 47 10 33	P	* I 2283	1936	S	357	HD 68273 Wolf-Rayet
08 08 05	- 47 12 33	A	* I 2283	1936	S	162	
08 08 06	62 45 36	F	I 3355		CV	75	SU UMa
08 08 07	62 45 25	P	* I 3355	1938	CV, S	73, 74	Dwarf Nova, S U Uma
08 08 10	- 47 09 40	A	* I 2283	1936	S	162	
08 08 51	01 55 51	A	I 3901	1941	BL	221	
08 08 51	- 76 22 52	P	* I 2259	1942	CV	18	Z Cha
08 09 51	- 35 12 28	A	I 1752	1945	SNR	16	CP Pup
08 09 52	48 09 33	A	I 493	1946	AGN	227, 316	
08 09 59	48 22 08	A	I 493	1947	Q	323	3CR 196
08 10 01	48 22 08	P	I 493	1947	Q	370	3CR 196
08 12 52	- 18 53 57	P	* I 909	1959	S	273	VV Puppis
08 12 53	- 18 54 14	P	* I 909	1959	S	273	VV Puppis
08 12 54	- 19 08 02	A	* I 909	1960		176	
08 14 59	- 07 21 22	A	I 5728	1961	CLG	2	A644
08 17 42	21 13 57	P	I 304	1967	G	119	NGC 2563
08 18 35	47 15 10	A	I 1839	1970	CLG	2	A646
08 19 42	73 16 17	P	I 2261	1972	CV	18	Z Cam
08 23 39	- 44 12 00	F	I 743		SNR	195	Vela
08 24 22	11 02 16	S	I 5125		Q	192	MC5 0824+110
08 25 31	30 35 44	P	* I 7337	1993	CLG	190, 315	A671
08 26 00	- 44 40 00	F	I 8034		SNR	195	Vela
08 26 09	- 43 12 00	F	I 738		SNR	195	Vela
08 26 28	66 00 48	P	I 305	1995	CLG	304	A665
08 27 00	- 43 50 00	F	I 8033		SNR	195	Vela
08 27 15	- 45 06 00	F	I 744		SNR	195	Vela
08 27 53	24 21 44	P	I 3264	1996		267	
08 28 13	02 26 34	P	I 3202	1998	CV	340	GK Hya
08 28 34	- 42 12 00	F	I 732		SNR	195	Vela
08 29 28	11 06 34	A	* I 2023	2003	Q	237	
08 29 30	- 43 20 00	F	I 8032		SNR	195	Vela
08 29 36	- 27 35 19	F	I 3304		S	7	AS 201
08 29 44	- 44 05 00	F	I 739		SNR	195	Vela
08 30 36	11 15 10	S	I 2023		Q	208	MC5
08 30 57	- 45 59 00	F	I 745		SNR	195	Vela
08 32 00	- 44 30 00	F	I 8031		SNR	195	Vela
08 32 00	- 45 20 00	F	I 8030		SNR	195	Vela
08 32 08	- 43 05 00	F	I 733		SNR	195	Vela
08 33 17	65 24 14	P	* I 501	2012	Q	370	3CR 204
08 33 18	65 24 04	A	* I 501	2012	Q	323	3CR 204
08 33 25	- 44 58 00	F	I 740		SNR	195	Vela
08 33 36	- 45 00 00	F	I 10765		SNR	195	Vela
08 33 39	- 45 00 06	A	* I 10765	2014	P	152	Vela pulsar

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
08 34 27	-42 04 00	F	I 726		SNR	195	Vela
08 34 35	23 44 16	P	I 2312	2017	CV	53	RU CN C
08 34 44	65 12 06	A, P	* I 501	2018	S	186, 232	Gliese/WEPP 311
08 34 46	65 11 47	A	* I 501	2018	S	336	Pi 1 U Ma
08 34 47	-46 51 00	F	I 746		SNR	195	Vela
08 34 47	65 12 29	A	* I 501	2018	S	227, 316	
08 34 49	65 11 56	P	* I 4456	2018	S	12	pi UMa
08 35 10	58 04 51	P	I 503	2019	Q	370	3CR 205
08 35 10	58 04 52	A	I 503	2019	Q	323	3CR 205
08 35 47	-43 57 00	F	I 734		SNR	195	Vela
08 36 03	31 58 19	P	I 3204	2022	CV	340	RZ Cnc
08 36 12	-42 33 00	F	I 2977		SNR	195	Vela
08 36 41	-41 03 00	F	I 720		SNR	195	Vela
08 37 13	-45 51 00	F	I 741		SNR	195	Vela
08 37 27	-12 03 54	P	I 8933	2028	Q	366	TON 469
08 37 46	-12 11 07	A	I 8933	2030	S	283	ke star
08 38 02	13 23 05	A	I 486	2032	Q	323	3CR 207
08 38 02	13 23 08	P	I 486	2032	Q	370	3CR 207
08 38 05	-42 56 00	F	I 727		SNR	195	Vela
08 38 35	77 03 54	A	I 5363	2035	Q	324	
08 38 38	13 24 38	A	I 486	2036	AGN	227, 316	
08 39 34	-44 50 00	F	I 735		SNR	195	Vela
08 40 18	-41 56 00	F	I 721		SNR	195	Vela
08 41 08	-46 42 00	F	I 742		SNR	195	Vela
08 41 49	-43 48 00	F	I 728		SNR	195	Vela
08 43 19	-54 31 30	A	I 2237	2046	S	162	Delta Vel
08 43 20	-54 31 24	A	I 2237	2046	S	186	Gliese/WEPP 9278BCD
08 43 27	-45 41 00	F	I 736		S, SNR	195, 277	Vela
08 44 01	37 43 54	A	I 1840	2047	AGN, Q	65, 237	
08 44 01	-42 47 00	F	I 722		SNR	195	Vela
08 44 48	31 57 48	S	I 3918		G	256	radio-jet galaxy
08 45 07	37 51 32	A	I 1840	2051	AGN, Q	65, 237	
08 45 41	-44 40 00	F	I 729		SNR	195	Vela
08 47 27	33 28 22	P	I 3921	2053	S	287	HR 3499
08 47 27	-46 32 00	F	I 737		SNR	195	Vela
08 47 50	-43 38 00	F	I 723		SNR	195	Vela
08 48 02	08 02 49	A	I 5185	2056	S	283	BD +8degrees2131
08 48 04	15 33 26	S	I 2025		Q	208	LB8755
08 48 31	-41 53 39	S	I 3051		S	312	HD 75759
08 48 32	-41 54 00	F	I 3051		SNR	195	Vela
08 49 04	28 44 24	A	I 5504	2057	AGN	227	
08 49 05	28 45 16	A	I 5504	2057		316	
08 49 15	28 29 01	A	I 5504	2058	AGN	227	
08 49 15	28 29 02	A	I 5504	2058		316	
08 49 34	08 04 15	A	I 5185	2060	SY	283	
08 49 35	08 15 17	F	I 5185		S	341, 343	HD 75767
08 49 36	28 30 26	A	I 5504	2061	S	186	Gliese/WEPP 324B
08 49 38	-45 31 00	F	I 730		SNR	195	Vela
08 49 47	28 19 41	A	I 5504	2063	AGN	227	
08 49 48	28 20 01	A	I 5504	2063		316	
08 50 00	28 27 54	S	I 5504		AGN	227	
08 50 02	28 28 07	S	I 5504			316	
08 50 17	28 25 17	A	I 5504	2067	AGN	227, 316	
08 50 23	14 03 58	A	I 500	2068	Q	322, 323	3CR 208
08 50 23	14 04 18	P	I 500	2068	Q	370	3CR 208
08 50 53	14 01 03	P	I 500	2070	S	130	HD 75976
08 50 54	14 01 27	A	I 500	2070	S	227, 316	
08 51 00	14 01 15	A	I 500	2070	S	336, 325	8.5 magnitude survey, HD 75976
08 51 09	20 25 15	A	* I 1994	2073	S	162	
08 51 41	14 26 07	S	I 500		S	336	8.5 magnitude survey, HD 076081
08 51 45	-44 29 00	F	I 724		SNR	195	Vela
08 51 49	-05 14 44	P	I 7954	2075	S	232	W327
08 51 56	20 18 02	P	* I 1994	2076	BL	267, 365	OJ 287
08 51 57	20 17 37	P	* I 1994	2076	BL	267, 365	OJ 287
08 51 58	20 17 37	P	* I 1994	2076	BL	231	
08 53 43	-46 21 00	F	I 731		SNR	195	Vela
08 54 12	-44 30 00	F	I 6913		SNR	195	Vela
08 55 18	03 22 38	P	* I 306	2081	CLG	167	A732
08 55 47	-45 19 00	F	I 725		SNR	195	Vela
08 55 49	48 13 53	A	I 5507	2082	S	186	Gliese/WEPP 331BC

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
08 55 49	48 14 06	P	I 5507	2082	S	130	iota U Ma
08 55 49	48 14 07	P	I 5507	2082	S	287	HR 3569
09 03 32	17 11 28	A	I 481	2091		316	
09 03 33	17 11 28	A	I 481	2091	S	227	
09 03 44	16 58 16	A	I 481	2093	Q	323	3CR 215
09 03 45	16 58 18	P	I 481	2093	Q	370, 360	3CR 215
09 04 30	16 50 56	A	I 481	2095	CLG	227, 316	
09 04 32	16 51 15	A	I 481	2095	CLG	212	Abell 744
09 05 36	09 47 28	A	* I 7690	2096	G	155	26W20 (source name)
09 05 52	26 50 29	F	I 5186		S	343	
09 06 08	43 30 45	S	I 2685		AGN	200	
09 06 19	43 05 59	P	I 2685	2098	Q	47	3CR 216
09 06 34	01 33 26	P	* I 2029	2102	Q	208, 267	
09 06 34	01 33 27	P	* I 2029	2102	Q	208, 267	
09 06 50	09 28 39	A	I 1784	2103	CLG	2	A754
09 06 50	09 29 02	P	I 1784	2103	CLG	106	Abell 754
09 07 40	07 14 26	P	I 7048	2105	G	338	NGC 2775
09 07 41	07 15 23	A	* I 457	2105	G	92	NGC 2775
09 11 34	40 15 34	A	I 1941	2108	Q	237	
09 15 38	16 30 41	A	I 3467	2116	SY	335	Sey 1, Mrk 704
09 15 54	22 27 53	S	I 5790		S	162	HD 80263
09 16 44	33 57 18	A	I 1841	2121	CLG	2	A779
09 17 29	01 15 07	P	I 6695	2123	CLG	202	MKW1a
09 17 50	45 52 08	P	I 6315	2124	G	257	3C 219 (radio)
09 17 52	45 52 21	A	I 6315	2124	G	95	3CR Radio Galaxy
09 17 59	34 06 31	S	I 1841		BL	238	
09 18 36	51 11 36	P	I 2099	2126	G	338	NGC 2841
09 19 19	51 33 30	A	I 2099	2127	AGN, Q	65, 237	
09 20 34	78 38 45	A	I 6844	2129	S	127	G0, SAO 006845
09 21 21	14 23 38	P	I 212	2131	CLG	274, 167	A795
09 21 52	34 51 11	A	I 2101	2133	BL	238	
09 23 07	20 07 38	A	I 5365	2138	Q	324	Ton 1057
09 23 12	12 56 59	F	I 6708			203	quasar or Seyfert
09 23 21	12 57 19	A	I 6708	2139	Q	324	Mkn 705
09 23 56	39 15 29	P	I 554	2141	Q	370, 360	4C 39.25
09 24 20	39 42 40	A	I 554	2143	S	186	Gliese/WEPP 9298
09 25 14	20 44 41	P	I 213	2146	CLG	167	A801
09 29 19	21 43 19	A	* I 7049	2151	G	99	NGC 2903
09 29 20	21 43 31	P	* I 7049	2151	G	338	NGC 2903
09 30 05	70 03 09	A	I 3535	2153	S	336	24 U Ma
09 30 06	28 24 16	P	I 4994	2154	S	78, 287	HR 3798, S Ant
09 34 27	01 19 33	A	I 2642	2162	Q	324	
09 36 18	04 36 59	F	I 7823		CLG	13	
09 37 49	11 53 18	A	I 530	2165	AGN	227, 316	
09 38 22	11 51 04	A	I 530	2168		227, 316	
09 39 23	09 11 39	A	I 1813	2172	CLG	2	A854
09 39 49	23 29 30	A	I 5516	2174	S	227, 316	
09 40 03	03 28 26	P	I 7655	2176	G	119	NGC 2974
09 40 14	56 10 54	P	I 3368	2177	S	78	W U Ma
09 43 17	14 05 36	P	* I 3060	2183	SY	228	Seyfert II, NGC 2992
09 43 17	14 05 45	P	* I 3060	2183	SY	228	Seyfert II, NGC 2992
09 43 17	14 05 52	P	* I 3060	2183	SY	228	Seyfert II, NGC 2992
09 43 18	14 05 43	P	* I 3060	2183	SY	228	Seyfert II, NGC 2992
09 43 18	14 05 45	P	* I 3060	2183	SY	228	Seyfert II, NGC 2992
09 47 33	14 34 12	S	I 2686		G	112	228 a 3CR galaxy
09 47 54	04 34 44	P	I 4945	2189	S	287	HR 3893
09 48 16	08 21 43	A	* I 1842	2190	S	162	HD 85270
09 48 44	08 33 04	S	I 1842		CLG	2	A882
09 49 33	08 20 54	S	I 1842		S	162	HD 85474
09 51 26	69 18 08	P	* I 2102	2195	G	338	NGC 3031
09 51 27	69 18 07	A	* I 466	2195		85	M 81
09 51 42	69 54 51	P	* I 466	2197		351	M82
09 51 42	69 55 00	F	I 466		G	206	M82
09 53 14	57 29 23	F	I 5077		S	277	Wolf-Rayet, Ocat F ctr.
09 53 59	25 29 46	S	I 3265			267	
09 54 19	49 32 07	A	I 251	2200	Q	283	
09 56 09	26 40 58	P	I 10242	2203	G	82	N 3078
09 56 22	22 32 32	A	I 252	2205	Q	283	
09 56 52	07 21 06	A	I 7405	2206	AGN	280	
09 56 56	22 39 06	P	I 252	2208	CLG	167	A908

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
09 57 09	- 22 35 15	P	I 5251	2210	G	275	NGC 3081
09 58 56	17 38 59	P	I 7841	2216	S	78	XY Leo
09 58 57	69 01 40	A	* I 1787	2217	S	162	HD 86677
09 59 03	69 01 37	P	I 2105	2217	G	338	NGC 3077
09 59 15	67 22 10	P	I 1788	2219	CLG	304	A910
09 59 15	67 24 32	A	* I 1987	2218	CLG	2	A910
09 59 40	20 45 41	P	I 253	2221	CLG	274, 167	A913
09 59 59	- 44 23 35	P	I 5405	2222	Q	366	
10 02 54	67 46 17	A	* I 1787	2225	CV	20	CH UMa
10 04 23	- 21 44 17	S	I 5406		Q	368	radio-loud quasar
10 04 45	13 03 37	F	I 563		Q	88	PKS 1004+13
10 04 45	13 03 38	F	I 563		Q	322	4C 13.41
10 05 31	12 13 57	A	I 2229	2231	S	186	Gliese/WEPP 9316BC
10 06 37	81 45 22	A	I 5188	2234	Q	283	
10 07 39	- 12 34 22	P	I 9696	2236	S	287	HR 3991
10 08 52	- 60 23 57	F	I 10058		S	277	Wolf-Rayet, Ocat F ctr.
10 08 54	34 52 41	P	I 2702	2239	AGN	200	
10 10 55	- 47 13 59	A, P	I 4135	2242	S	186, 232	Gliese/WEPP 384AB
10 10 56	- 47 14 33	A	I 4135	2242	S	245	SAO 221866
10 11 03	25 04 06	P	I 2031	2244	Q	208	TON490
10 11 10	- 00 41 03	P	I 6023	2246	CLG	190, 315	A957
10 11 11	- 28 16 22	P	I 5407	2247	Q	368	radio-loud quasar
10 11 22	- 47 33 20	A	I 4135	2249	Q	245	z=0.42
10 11 48	- 04 03 07	S	I 8432		Q	324	
10 11 49	03 29 11	S	I 6681		AGN	200	
10 13 54	- 47 42 27	A	I 4135	2253	S	245	blue emm. line star
10 14 08	39 19 04	P	I 3446	2254	CLG	167	A963
10 14 55	- 10 25 27	A	I 7791	2255	CLG	334	A970
10 15 17	- 57 40 00	F	I 3012		S	277	Wolf-Rayet, Ocat F ctr.
10 16 52	20 07 19	P	I 913	2259	S	8	AD Leo
10 17 00	- 08 25 59	F	I 3186		CV	75	RW Sex
10 17 28	- 08 26 40	P	I 3186	2260	CV	74	RW Sex
10 18 09	20 10 34	A	* I 913	2262	AGN	127	
10 18 48	48 46 29	F	I 4614		G	51	radio G. in non-Abell cl.
10 24 36	- 03 03 28	S	I 6696		CLG	202	MKW2s
10 24 41	68 40 18	S	I 7050		G	97, 99	IC 2574
10 27 12	56 15 14	A, P	I 5527	2289	S	186, 232	Gliese/WEPP 395AC
10 28 03	- 58 17 42	F	I 3342		S	277	Wolf-Rayet, Ocat F ctr.
10 28 10	31 18 21	P	I 4256	2291	Q	322	
10 28 10	31 18 32	P	I 4256	2291	Q	370	
10 31 07	58 22 29	S	I 2688		AGN	200	
10 33 27	05 22 31	P	I 10308	2298	S	5, 6	G 398 flare star, L113-55
10 34 24	- 27 15 55	S	I 6114		CLG	315	A1060
10 34 55	- 29 18 27	A	I 4001	2299	BL	221	
10 35 42	53 46 06	A	I 467	2301	G	92	NGC 3310
10 38 40	- 59 25 00	F	I 4222		N, S	296, 277	Eta Carina
10 38 41	06 25 51	P	I 5126	2303	Q	192	4C 06.41
10 40 06	12 19 15	A	I 497	2306	Q	323	3CR 245
10 41 00	- 59 55 00	F	I 4223		N	296	Eta Carina
10 41 56	- 59 51 17	F	I 3141		S	277	Wolf-Rayet, Ocat F ctr.
10 41 58	- 59 17 47	A	* I 776	2312	S	292	HD 93128, Tr 14
10 42 00	- 59 17 05	A	* I 776	2312	S	336	HD 93129A
10 42 12	- 59 27 44	A	* I 776	2313	S	292	HD 93162
10 42 37	- 59 28 28	S	I 776		S	336	HD 93205
10 42 45	- 59 18 39	A	I 776	2317	S	292	HD93250
10 42 46	- 59 05 37	S	I 776		S	292, 336	HD 93249
10 42 48	- 59 18 07	A	I 776	2317	S	336	HD 93250
10 43 00	- 59 24 00	F	I 776		S	296	binary system
10 43 06	- 59 25 15	A	* I 776	2318	N, S	292, 336, 296	Eta Car central
10 43 07	- 59 25 15	F, P	* I 776	2318	N, S	296, 72	variable in Eta Carinae
10 43 09	- 59 24 17	A	* I 776	2318	S	336	SAO 238431
10 43 44	- 59 09 26	A	I 776	2321	S	292	HD93403
10 43 46	- 59 08 39	A	I 776	2321	S	336	HD 93403
10 44 15	12 04 44	S	I 2109		G	338	NGC 3368
10 44 38	- 49 09 21	P	I 4448	2326	S	12	mu Vel
10 45 23	- 58 51 47	F	I 1167		S	277	Wolf-Rayet, Ocat F ctr.
10 45 40	- 59 55 00	F	I 4224		Q	296	bright quasar survey
10 48 08	- 59 37 21	A	* I 4223	2336	P	300	
10 48 33	54 21 24	A	I 416	2339	S	258	
10 49 00	- 09 02 10	A	I 5369	2340	Q	324	3C 246

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
10 49 10	- 62 01 07	F	I 10059		S	277	Wolf-Rayet, Ocat F ctr.
10 51 46	54 35 11	S	I 416		G	92	NGC 3448
10 53 54	07 39 21	S	I 915		S	336	8.5 magnitude survey, HD 94765
10 53 57	07 17 58	P	* I 915	2358	S	8	CN Leo
10 53 58	07 17 53	A	* I 915	2358	S	336	CN Leo
10 55 48	- 52 10 53	A	* I 5921	2365	P	70	radio pulsar
10 58 15	10 49 42	F	I 173		CLG	190, 315	A1142
10 58 21	72 41 38	P	* I 5230	2373	Q	208	WE1058W1
10 58 47	- 22 27 14	P	* I 217	2375	CLG	274, 167, 304	A1146
10 59 08	73 02 54	A	* I 5230	2377	AGN, Q	65, 237	
10 59 35	10 09 40	P	I 7844	2381	S	78	AM Leo
11 00 17	61 55 26	A	I 850	2385	S	336, 325	8.5 magnitude survey, HD 95638
11 00 27	77 15 08	P	I 478	2389	Q	370, 366, 360	3CR 249.1
11 00 27	77 15 09	A	I 478	2389	Q	323	3CR 249.1
11 00 34	77 15 13	A	I 478	2389	Q	324	3CR 249.1
11 00 51	- 60 36 57	F	I 2161		S	277	Wolf-Rayet, Ocat F ctr.
11 01 35	45 19 29	P	I 3249	2392	S	320	AN U Ma
11 01 40	38 28 44	P	* I 5208	2393	BL, G	182, 231	MRK 421
11 01 41	38 28 39	P	* I 5207	2393	G, S	182, 130	51 U Ma, MRK 421
11 01 57	38 31 00	S	I 5207		S	336	HD 95976
11 02 47	43 47 29	A	I 3110	2394	S	185	Gliese-Wolley #412A
11 02 47	43 47 30	A	I 3110	2394	S	336	DM +44 2051
11 02 49	43 47 09	A	I 3110	2394	S	185	Gliese-Wolley #412B
11 02 50	43 47 10	A	I 3110	2394	S	336	WX U Ma
11 04 18	- 65 13 58	F	I 2285		S	277	Wolf-Rayet, Ocat F ctr.
11 08 02	28 59 10	P	I 6100	2405	CLG	190, 315	A1185
11 08 15	- 59 59 31	A	* I 7810	2407		362	
11 08 54	- 60 30 14	S	I 7810			362	
11 09 49	36 05 38	A, P	I 3122	2416	S	186, 232	Gliese/WEPP 417
11 09 49	- 60 21 00	F	I 7810		SNR	362	
11 09 59	- 60 49 55	A	I 7810	2417		362	
11 10 56	- 26 28 45	S	I 7034		G	338	NGC 3585
11 11 17	- 60 32 43	S	I 7810			362	
11 11 38	- 37 24 38	P	I 4923	2424	CV	74	V 436 Cen
11 11 53	40 53 42	A	I 488	2426	Q	323	3CR 254
11 11 58	13 05 30	S	I 5797		G	119	NGC 3593
11 12 13	- 37 25 53	F	I 4923		CV	75	V436 Cen
11 12 36	40 59 48	A	I 488	2428	AGN	127	
11 13 24	18 40 57	P	I 3927	2430		30	
11 13 50	29 31 23	S	I 1844		CLG	2	A1213
11 14 16	18 19 26	P	I 3927	2433	G	30	NGC 3607
11 14 37	18 14 17	P	I 3927	2438	CV	30, 33	eclipsing binary
11 15 30	31 48 21	P	I 5189	2440	S	341	xi U Ma B
11 15 42	08 01 55	A	I 5355	2441	Q	324	
11 16 29	21 35 30	A	I 5339	2443	Q	324	Ton 1388
11 16 31	21 35 49	P	I 5339	2443	Q	360	
11 17 10	13 54 30	S	I 5152			44	
11 17 40	13 51 42	P	I 5152	2445	G	338	NGC 3628
11 17 40	13 52 06	A	I 5152	2445		44	
11 18 00	13 50 57	A	I 5152	2447		44	
11 19 11	12 00 55	A	I 8428	2452	Q	324	Mkn 734
11 21 22	21 45 40	P	I 233	2458	CLG	274, 167	A1246
11 22 15	- 58 58 59	F	I 2162		SNR	329	6292.0+1.8
11 26 43	- 04 07 31	S	I 8429		Q	324	Mkn 1298
11 27 37	- 14 32 44	P	* I 7300	2471	Q	164	
11 29 36	56 14 52	P	I 6293	2477	CLG	190, 315	A1291
11 32 05	49 21 51	P	I 6120	2483	CLG	190, 315	A1314
11 33 35	70 26 02	P	* I 4601	2487	BL, G	182, 259, 231, 260	MRK 180
11 33 35	70 26 11	P	* I 4601	2487	G	182	MRK 180
11 33 52	21 52 06	A	I 3468	2490	SY	335	Sey 1, Mrk 739
11 37 08	66 04 29	P	* I 5421	2503	Q	360	
11 37 09	66 04 27	A	* I 485	2503	Q	322	3C 263
11 37 09	66 05 27	A	* I 485	2503	Q	323	3CR 263
11 37 10	66 03 59	P	* I 485	2503	Q	370	3CR 263
11 37 29	65 55 23	S	I 5421		AGN	127	
11 38 05	52 16 27	P	I 3207	2507	CV	340	RW Uma
11 38 27	34 28 53	P	I 3530	2509	S	8, 232	GI UMa, W434
11 39 38	10 32 44	S	I 6694		CLG	202	MKW10
11 39 42	10 40 15	P	I 6694	2512	AGN	200	
11 40 19	20 18 01	A	I 296	2514	AGN	123	

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
11 41 21	20 13 32	A	I 296	2516		14	
11 41 21	20 13 42	A	I 296	2516	RS	123	
11 41 50	20 07 56	F	I 296		CLG	14	A1367
11 42 29	19 53 06	A	* I 296	2521	G	14	3C 264 (NGC 3862)
11 42 29	19 53 07	A	* I 296	2521	G	84, 95	3CR Radio Galaxy, EO gal. NGC 3862
11 42 48	- 04 09 17	F	I 7618		CV	75	TW Vir
11 42 48	- 04 09 29	P	I 7618	2522	CV	74	TW Vir
11 43 38	20 39 46	A	I 5190	2526	G	283	low ionization emission G
11 44 35	56 00 07	P	I 6101	2529	CLG	190	A1377
11 45 02	- 61 40 32	A	I 3942	2531	P	181	X-ray pulsar
11 45 02	- 61 40 35	P	I 3942	2531	P	214	1E 1145.1-6141
11 45 24	20 29 29	F	I 5190		S	343	
11 45 31	- 61 55 37	P	* I 3942	2535	P	214, 254	4U 1145-619
11 45 34	- 61 55 39	A, P	* I 3942	2535	P, S	175, 254	SAO 251595
11 45 34	- 61 55 45	A	* I 3942	2535	P	181	X-ray pulsar
11 46 10	59 41 37	S	I 4949		AGN	28	NGC 3894
11 46 23	- 03 47 31	P	I 5411	2537	Q	360, 368	radio-loud quasar
11 47 44	24 34 35	A	I 3897	2542	BL	221	
11 48 00	- 62 29 59	F	I 10200		SNR	36	
11 48 07	02 02 44	P	I 4455	2544	S	12, 232	W449, beta VIR
11 48 30	- 28 31 24	P	I 5800	2547	G	338, 119	NGC 3923
11 48 31	35 33 44	A	I 4605	2549	S	186	Gliese/WEPP 450
11 49 15	- 61 47 11	F	I 3942		SNR	36	
11 50 00	- 62 11 59	F	I 7718		SNR	240, 36	shell type SNR
11 52 42	23 40 24	P	I 308	2555	CLG	189	A1413
11 52 45	23 40 49	P	I 308	2555	CLG	165, 274	A1413
11 54 58	32 37 10	S	I 443		G	92	NGC 3991
11 55 22	55 43 52	P	I 4548	2561	G	82	N 3998
11 58 16	58 28 18	A	I 8350	2567		52	serendipitous X BG source
11 58 29	58 35 29	A	I 8350	2568		52	serendipitous X BG source
11 58 57	01 29 11	A	I 5117	2571	Q	46	
11 59 20	- 18 35 23	A	* I 469	2573	G	92	NGC 4039
11 59 20	- 18 36 00	P	* I 469	2573	G	93	NGC 4038/39 (peculiar)
11 59 32	58 18 26	P	I 8350	2574	CLG	52	A 1446
11 59 45	58 09 02	S	I 8350			52	serendipitous X BG source
12 00 37	44 48 38	P	I 7200	2578	SY	243	NGC 4051
12 01 32	28 23 50	A	I 4258	2581	CLG	227, 316	
12 01 53	02 10 28	P	I 2601	2583	CLG	56, 202	MKW4
12 02 09	28 10 54	P	* I 4258	2584	Q	322	GQ Com
12 02 09	28 11 04	P	* I 4258	2584	Q	370, 366, 89	GQ Comae
12 02 10	28 11 11	A	* I 4258	2584	Q	324	GQ Comae
12 02 42	- 61 46 26	F	I 5042		S	277	Wolf-Rayet, Ocat F ctr.
12 04 00	22 32 17	F	I 4615		G	51	radio G. in non-Abell cl.
12 04 05	28 26 35	P	* I 6697	2589	CLG	202	MKW4s
12 04 06	- 29 29 00	S	I 5801		G	59	N4105
12 05 49	64 27 13	A	I 6865	2592	AGN	127	X-ray variable
12 06 24	64 20 59	F	I 6865		CLG	169	A1477
12 07 01	- 39 59 15	P	I 5412	2597	Q	370	PKS 1207-399
12 07 23	- 52 09 49	A	* I 2163	2599	SNR	163	PKS1209-52
12 07 54	39 45 51	A	* I 352	2600	AGN	227	
12 07 55	39 45 48	A	* I 352	2600		316	
12 07 55	39 46 01	A	* I 353	2600	BL	318	
12 08 00	39 41 04	P	* I 352	2603	SY	216	NGC 4151
12 08 00	39 41 05	P	* I 352	2603	SY	216	NGC 4151
12 08 01	39 41 02	A	* I 352	2603	SY	188	NGC 4151
12 08 01	39 41 03	A	* I 352	2603	SY	86	NGC 4151
12 08 01	39 41 13	P	* I 352	2603	SY	216	NGC 4151
12 08 02	39 41 01	P	* I 352	2603	SY	216	NGC 4151
12 08 17	39 45 01	A	* I 352	2606	G	84	spiral gal. NGC 4156
12 08 17	39 45 02	A	* I 352	2606	G	227	
12 08 18	39 45 04	A	* I 352	2606		316	
12 08 38	39 24 30	A	* I 353	2607	S	336, 325	8.5 magnitude survey, HD 105881
12 08 42	39 28 20	A	* I 352	2608	CLG	227, 316	
12 11 44	14 19 58	A	* I 5341	2620	Q	324	
12 11 45	14 19 49	P	* I 5341	2620	Q	15	PG 1211+143
12 12 30	33 29 00	A	I 3922	2626	G	59	N4203
12 13 01	37 48 36	A	I 5153	2628		44	
12 13 22	72 49 41	P	I 3208	2631	CV	340	HR 4665
12 14 21	38 10 42	A	I 5153	2635	BL	44, 238	
12 14 26	38 00 12	A	I 5153	2636		44	

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
12 15 08	69 32 02	A	I 5803	2641	S	162	
12 15 56	30 05 37	P	* I 6712	2648	SY	199	MKN 766
12 16 08	28 19 33	A	I 7036	2649	S	127	dMe
12 16 48	06 55 17	A	I 5374	2654	Q	324	
12 16 51	06 06 12	A	* I 2672	2655	G	112	270 a 3CR galaxy
12 16 57	69 31 31	A	I 5803	2657	Q	237	
12 17 01	28 39 16	S	I 7036		S	186	Gliese/WEPP 9404
12 17 38	02 20 27	P	* I 532	2661	Q	370, 360	PKS 1217+023
12 18 11	75 38 33	A	* I 5424	2665	G	127	NGC 4291
12 18 44	75 22 18	A	I 5424	2669	AGN	127	
12 19 01	28 30 49	P	I 2035	2673	Q	267	
12 19 04	04 47 13	A	* I 6986	2674	Q	237	
12 19 32	75 35 12	P	* I 5233	2677	Q	370	MRK 205
12 19 32	75 35 23	P	* I 5424	2677	Q	360	
12 19 33	75 35 23	P	* I 5424	2677	Q	366	MK 205
12 19 34	75 35 15	A	* I 5233	2677	Q	322	MRK 205
12 19 49	04 29 52	P	* I 3267	2679		267	
12 20 00	75 42 20	A	* I 5424	2681	CLG	127	S(6cm)=1.9 mJy
12 20 01	73 31 19	P	I 3209	2682	CV	340	AS Dra
12 20 22	16 05 57	A	* I 4301	2684	G	269	M100 nucleus
12 20 22	16 06 54	A	* I 4301	2684	G	269	M100 north spiral arm
12 20 29	59 10 59	F	I 6866		CLG	169	A1528
12 20 58	16 01 41	A	* I 4300	2688		237	
12 21 56	07 35 13	P	* I 6992	2694	G	119	NGC 4365
12 22 29	13 10 00	P	* I 278	2696	G	119	NGC 4374
12 22 31	13 09 36	P	* I 278	2696	G	117	NGC 4374, M84, 3C272.1
12 22 31	25 50 15	A	I 565	2695	S	336, 325	8.5 magnitude survey, HD 108102
12 22 51	18 28 02	P	* I 2121	2700	G	338, 119	NGC 4382
12 22 52	18 28 00	A	* I 6994	2700	G	327	NGC 4382
12 22 58	22 51 34	S	I 4056		Q	324	Ton 1530
12 23 08	25 15 07	P	I 565	2702	Q	370	4C 25.40
12 23 09	25 15 12	P	I 565	2702	Q	322	4C 25.40
12 23 16	12 56 10	P	I 278	2703	G	117	NGC 4388
12 23 33	25 22 49	A	I 565	2705	AGN	227, 316	
12 23 40	13 12 57	P	* I 278	2707	G	117	NGC 4406, M86
12 23 41	13 13 11	P	* I 4311	2707	G	119	NGC 4406
12 24 00	13 00 00	F	I 278		G	104	west of M87
12 24 44	09 30 43	P	I 280	2713	Q	133	
12 25 00	10 02 01	A	I 280	2715	S	336	BD +10 2425
12 25 12	08 58 25	P	I 280	2717	Q	133	
12 25 13	13 17 21	P	I 278	2718	G	117	NGC 4438, ARP 120
12 25 14	13 17 36	A	I 278	2718	G	197	NGC 4438
12 25 21	09 10 30	A	I 280	2719	S	336	SAO 119414
12 25 42	64 52 59	F	I 6868		CLG	169	A1546
12 25 45	44 23 07	P	I 2123	2722	G	338	NGC 4449
12 25 56	31 45 13	A	I 542	2728	Q	322	
12 25 57	31 45 10	P	I 542	2728	Q	370	B2 1225+31
12 26 27	14 14 31	S	I 281		G	117	NGC 4459
12 26 33	02 19 42	A	* I 2037	2729	Q	322, 323	3CR 273
12 26 33	02 19 43	P	* I 2037	2729	Q	370	3Cr 273
12 26 33	02 19 44	A	* I 2037	2729	Q	157, 158	3C 273
12 26 33	02 19 48	P	* I 2037	2729	Q	208, 360	3C273
12 26 33	02 19 59	F	I 2037		Q	322	
12 26 34	02 20 04	A	* I 2037	2729	Q	324	3CR 273
12 26 38	31 40 01	S	I 542		S	336	8.5 magnitude survey
12 26 54	13 36 50	P	* I 281	2732	Q	133	
12 27 03	14 02 52	P	* I 281	2733	Q	133	
12 27 13	08 16 26	P	* I 4308	2735	G	119	NGC 4472
12 27 14	08 16 42	A	* I 4308	2735	G	327	NGC 4472
12 27 28	13 54 52	P	* I 7003	2739	G	119	NGC 4477
12 27 31	13 54 53	P	I 281	2739	G	117	NGC 4477
12 28 17	12 40 01	P	* I 277	2744	G	103, 290, 314, 114	M87
12 28 18	12 40 00	A	* I 10362	2744	G	104	M87
12 28 32	31 41 59	S	I 542		S	336	HD 108944
12 28 41	12 19 51	S	I 277		Q	133	
12 29 26	-02 07 35	P	I 5127	2757	Q	192	PKS 1229-021
12 29 32	20 25 38	A	I 3967	2760	Q	324	Ton 1542
12 29 34	20 25 54	P	I 3967	2760	Q	366	TON 1542
12 30 00	11 37 35	F	I 279		G	104	south of M87
12 31 00	15 29 59	S	I 7795		CLG	334	A1560

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
12 31 24	41 38 14	S	I 3929		S	186, 232	Gliese/WEPP 475(ab)
12 31 36	15 27 00	S	I 7795		CLG	331	A 1560
12 32 55	-39 38 29	S	I 2664		SY	199	NGC 4507
12 33 07	12 49 45	P	I 4313	2786	G	119	NGC 4552
12 34 02	16 50 02	A	I 1849	2794	CLG	2	A1569
12 34 44	63 28 06	A, P	I 6871	2798	BL, CLG	169, 318	A1576
12 35 12	12 05 45	P	* I 2126	2801	G	338	NGC 4579
12 35 28	63 15 55	A	I 6871	2803	BL	127	S(6cm)=15.2 mJy
12 35 52	-11 15 13	A	* I 2127	2806	S	162	HD 109899
12 35 58	-11 15 48	A	* I 2127	2806	S	162	HD 109916
12 37 05	-10 07 01	P	I 4036	2813	Q	370	PKS 1237-101
12 37 23	-11 20 40	P	* I 2127	2814	G	338, 119	NGC 4594
12 37 32	-40 36 33	F	I 6054		CLG	248	Centaurus
12 38 54	19 20 57	S	I 145		S	336	8.5 magnitude survey, HD 110350
12 39 06	72 30 59	F	I 6873		CLG	169	A1597
12 39 12	74 44 02	S	I 10243		G	82	N 4589
12 39 29	32 48 21	A	I 471	2826	G	92	NGC 4631
12 39 30	11 55 00	A	I 2129	2825	G	59	N4621
12 40 17	02 57 42	A	I 412	2829	G	327	NGC 4636
12 40 17	02 57 44	P	I 412	2829	G	338, 119	NGC 4636
12 40 29	-40 29 19	F	I 6055		CLG	248	Centaurus
12 40 52	03 11 50	A	* I 412	2833	S	227	
12 40 52	03 12 15	A	* I 412	2833	S	316	
12 41 00	-41 16 36	F	I 6056		CLG	248	Centaurus
12 41 08	11 49 37	P	* I 2130	2835	G	338, 119	NGC 4649
12 41 09	11 49 35	A	* I 2130	2835	G	327	NGC 4649
12 41 41	17 37 30	A	I 5343	2840	Q	324	
12 42 14	16 33 25	A	I 3241	2848	AGN	280	
12 42 48	-62 44 08	F	I 7256		S	277	Wolf-Rayet, Ocat F ctr.
12 43 54	69 56 41	S	I 6874		CLG	169	A1614
12 44 02	02 38 41	P	I 8433	2854	Q	89	
12 44 03	02 38 54	A	I 8433	2854	Q	324	
12 44 30	-41 20 48	F	I 6057		CLG	248	Centaurus
12 45 27	59 28 52	P	I 6875	2859	CLG	169	A1617
12 45 56	08 47 42	S	I 7023		G	119	NGC 4698
12 45 58	-05 32 01	P	* I 2134	2860	G	338, 119	NGC 4697
12 46 30	60 35 36	P	I 7913	2865	S	287	HR 4867
12 46 31	34 40 51	P	I 529	2866	Q	370	B46
12 47 00	-41 01 59	F	I 298		CLG	248	Centaurus
12 47 03	-05 48 24	A	* I 4004	2867	S	162, 316	HD 111487
12 47 03	-05 48 25	A	* I 4004	2867	S	227	
12 49 37	-40 58 18	F	I 6059		CLG	248	Centaurus
12 49 43	-28 58 51	P	* I 2267	2876	CV	18	EX Hya
12 49 47	-00 55 25	P	I 7039	2877	G	338, 119	NGC 4753
12 50 12	56 50 35	P	I 479	2879	Q	208	3C277.1
12 50 14	-15 07 56	A	I 1900	2880	CLG	2	A1631
12 50 15	56 50 37	A	I 479	2879	Q	323	3CR 277.1
12 50 32	-14 41 39	S	I 1900		S	162	HD 111962
12 52 08	11 57 20	P	I 4037	2889	Q	370	PKS 1252-119
12 53 35	-05 31 03	P	* I 4645	2900	Q	360	
12 53 36	-05 31 00	P	* I 544	2900	Q	370	3CR 279
12 53 36	-05 31 08	A	* I 544	2900	Q	322	3C 279
12 53 38	-05 39 49	A	* I 4004	2901	AGN	127	
12 53 39	38 35 00	A	I 839	2902	S	336	Alpha 1 C Vn
12 53 39	38 35 18	P	I 839	2902	S	130, 287	CVn, HR 4914
12 53 40	38 35 18	A	I 839	2902	S	336	Alpha 2 C Vn
12 54 16	35 53 59	F	I 5390		Q	244	BF Quasars
12 54 36	22 18 17	P	* I 2136	2912	S	194	GR 275 white dwarf
12 54 37	22 17 40	P	* I 2136	2912	S	194	EG 187 (WD 1254+22), EG 187 white dwarf
12 55 17	35 29 32	A	* I 445	2920	S	336	DM +36 2322
12 55 19	35 29 48	A	* I 445	2920	S	186	Gliese/WEPP 490AB
12 56 14	38 32 59	A	I 839	2927	S	336	DM +39 2586
12 56 37	65 38 19	P	I 6876	2928	CLG	304, 169	A1655
12 56 39	35 07 50	A	I 445	2929	G	92	NGC 4861
12 57 18	28 13 06	A, P	* I 1790	2931	CLG	2, 67	Coma (X-ray center pos.)
12 57 19	28 13 07	P	I 1793	2931	CLG	1	Coma, X-ray center
12 57 44	35 53 59	F	I 5391		Q	244	BF Quasars
12 57 57	28 40 07	P	* I 2041	2935	Q	208	5C04.105
12 58 06	05 57 42	P	I 10310	2939	S	5, 6	FN Vir, G 493.1 flare star
12 58 06	28 47 28	A	* I 3210	2938	Q	283	5C 04.105

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
12 59 09	28 54 18	P	* I 3210	2946	CV	340	UX Com
12 59 50	63 52 55	P	I 9701	2952	S	287	HR 4934
13 01 11	35 53 59	F	I 5392		Q	244	BF Quasars
13 02 57	- 10 16 53	A	I 3968	2966	Q	324	PKS
13 03 30	31 09 51	A	I 2046	2968	CLG	2	A1677
13 04 03	34 17 55	P	I 2608	2970	AGN	200	
13 04 52	- 65 02 21	F	I 5956		S	277	Wolf-Rayet, Ocat F ctr.
13 04 53	- 65 01 54	P	I 5956	2972	S	357	HD 113904 Wolf-Rayet
13 05 28	29 42 10	A	I 3045	2973	G	196	SA 57 A
13 07 16	08 35 48	A	I 5344	2978	Q	324	
13 07 17	08 35 38	P	I 5344	2978	Q	89	
13 07 59	32 25 59	F	I 549		BL	261	B2 1308+326
13 08 07	32 36 32	P	* I 549	2979	BL	267, 231	
13 08 18	36 12 00	P	I 3211	2980	CV	340	RS CVn
13 08 55	- 01 04 32	P	* I 6123	2986	CLG	304	A1689
13 08 58	- 05 36 31	S	I 4260		Q	370	
13 09 30	28 08 24	P	I 4457	2990	S	12, 232	W502, beta COM
13 09 41	32 21 01	A	* I 549	2995	S	336, 325	8.5 magnitude survey, HD 114723
13 10 29	- 10 51 26	A	I 8434	2997	Q	324	
13 11 05	36 50 53	P	I 5128	2998	AGN	145	NGC 5033
13 11 35	73 11 09	P	I 6878	3000	CLG	304	A1705
13 12 09	73 14 53	P	I 6878	3003	CLG	169	A1705
13 12 37	64 50 36	P	I 6877	3006	CLG	304, 169	A1704
13 13 21	- 64 51 34	S	I 6918		S	287	HR 5000
13 13 51	58 28 10	P	I 6879	3008	CLG	169	A1707
13 14 00	29 21 47	A	* I 883	3009	S	336	HZ 43
13 14 18	09 41 24	P	I 3531	3010	S	232	W504
13 16 10	- 20 48 02	S	I 5807		G	338	NGC 5068
13 16 54	- 12 23 56	P	I 10244	3019	G	82	N 5077
13 18 21	70 17 59	P	I 6880	3026	CLG	169	A1722
13 21 57	- 04 54 00	P	I 9703	3034	S	287	HR 5050
13 22 29	- 42 35 57	F	I 4493		G	289	Centaurus A
13 22 29	- 42 35 59	F	I 4493		G	289	Centaurus A
13 22 31	- 42 45 19	P	* I 477	3038	G	111	Cen A (NGC 5128)
13 22 31	- 42 45 28	P	* I 477	3038	G	111	Cen A (NGC 5128)
13 22 31	- 42 45 35	P	* I 477	3038	G	111	Cen A (NGC 5128)
13 22 33	- 42 45 36	P	* I 477	3038	G	111, 119	Cen A (NGC 5128)
13 22 34	- 10 53 55	P	* I 2230	3039	S	223	alpha Vir
13 22 55	- 47 03 44	P	I 4970	3043	GLB	173	NGC 5139
13 22 56	- 29 34 44	S	I 5255		G	275	NGC 5135
13 23 20	- 47 13 51	P	I 4970	3049	GLB	173	NGC 5139
13 23 48	- 47 02 59	F	I 4970		GLB	160, 173	NGC 5139, omega Cen
13 23 48	- 47 03 00	F	I 4970		GLB	172	NGC 5139
13 23 52	- 47 13 38	P	I 4970	3050	GLB	173	NGC 5139
13 24 26	- 47 03 22	P	I 4970	3052	GLB	173	NGC 5139
13 26 19	- 47 07 12	P	I 4970	3061	GLB	173	NGC 5139
13 27 25	32 08 17	A	I 235	3065	SY	283	Seyfert I
13 27 26	32 08 09	A	I 235	3065	AGN	227, 316	
13 27 32	- 46 20 33	A	I 476	3066	S	336	SAO 224202
13 27 44	58 40 42	P	I 7635	3067	G	94	NGC 5204
13 28 10	- 54 42 59	F	I 4924		CV	75	BV Cen
13 28 11	- 54 42 56	P	I 4924	3071	CV	74	BV Cen
13 28 16	25 24 37	A	I 498	3073	Q	323	3CR 287
13 28 24	24 29 23	P	I 3212	3074	S	341	FK Com
13 28 33	- 01 28 00	A	I 144	3075	CLG	118	A 1750
13 28 33	31 35 13	A	I 235	3076	Q	283	
13 28 50	30 45 58	A	I 491	3077	Q	323	3CR 286
13 30 00	- 46 36 16	A	I 476	3080	S	336, 325	8.5 magnitude survey, HD 117721
13 30 01	- 46 36 14	P	I 476	3080	S	130	HD 117721
13 30 19	17 04 10	S	I 4023		S	186	Gliese/WEPP 516AB
13 30 34	- 08 11 14	A	* I 917	3082	S	336	HD 117860
13 31 10	17 03 45	S	I 4023		Q	370	MC3 1331+170
13 31 59	- 64 30 25	F	I 7257		S	277	Wolf-Rayet, Ocat F ctr.
13 32 06	- 08 05 01	P	* I 917	3091	S	8	EQ Vir
13 32 06	- 08 05 09	A	* I 917	3091	S	336	EQ Vir
13 32 08	- 29 40 00	A	I 588	3094	S	326	
13 32 34	37 26 19	P	I 3213	3098	CV	340	HR 5110
13 32 41	- 29 35 24	A	I 588	3100		326	
13 33 08	41 15 10	A	I 3930	3103	CLG	337	A 1763
13 33 35	17 40 27	A	I 5376	3106	Q	324	PB 4007

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
13 33 45	- 33 42 16	P	I 1902	3108	G	119	IC 4296
13 34 10	- 29 36 43	A	I 588	3112	G	99	NGC 5236
13 34 11	- 29 35 35	A	I 588	3112		326	source in M83
13 34 11	- 29 36 39	A	I 588	3112		326	source in M83
13 34 13	- 29 36 24	P	I 588	3112	G	338	NGC 5236
13 34 14	- 29 36 24	A	I 588	3112	G	326	M83
13 34 15	- 29 36 02	A	I 588	3112		326	source in M83
13 34 15	59 27 28	S	I 5731		CLG	2	A1767
13 34 30	- 29 38 21	A	I 588	3114	G	326	M83
13 34 30	- 29 38 30	A	I 588	3114		326	source in M83
13 35 16	- 29 28 39	A	I 588	3119	CLG	326	
13 35 52	- 29 18 24	A	I 588	3121	S	336	HR 5128
13 35 54	- 29 18 31	A, P	I 588	3121	S	287, 326	HR 5128
13 37 05	- 31 23 24	S	I 7061		G	99	NGC 5253
13 38 00	- 61 59 59	F	I 3496		SNR	362	
13 38 12	71 51 59	F	I 6881		CLG	169	A1777
13 39 27	26 37 30	P	I 320	3123	CLG	189	A1775
13 39 34	- 67 08 56	F	I 5044		S	277	Wolf-Rayet, Ocat F ctr.
13 39 35	05 20 12	A	* I 1957	3124	AGN, Q	65, 237	
13 39 35	26 37 01	P	I 320	3123	CLG	190, 315	A1775
13 39 51	28 37 52	S	I 6442		GLB	172	NGC 5272
13 39 52	28 38 17	S	I 6442		GLB	173	NGC 5272
13 39 54	60 30 24	A	I 496	3126		316	
13 39 55	60 30 56	A	I 496	3126	S	227	
13 40 30	60 36 48	S	I 496		Q	323	3CR 288.1
13 44 52	17 42 18	A, P	I 5549	3138	S	287, 186	Gliese/WEPP 527B, HR 5185
13 46 33	26 50 24	P	I 293	3142	CLG	189	A1795
13 46 35	26 50 23	P	I 293	3142	CLG	190, 315	A1795
13 50 04	31 41 07	S	I 6327		G	95	3CR Radio Galaxy
13 50 35	05 23 03	S	I 142		CLG	190	A1809
13 52 12	18 20 03	P	* I 851	3148	AGN	200	
13 52 12	18 20 05	P	* I 851	3148	AGN	200	
13 52 12	18 20 06	A	* I 5377	3148	Q	324	PB 4142
13 52 13	18 20 09	P	* I 851	3148	AGN	200	
13 52 17	18 38 40	A	* I 5377	3150	S	186	Gliese/WEPP 534(ab)
13 52 18	18 38 30	P	* I 851	3150	S	232	W534
13 52 18	18 38 41	A	* I 851	3150	S	336	Eta Boo
13 52 26	18 27 37	S	I 851		AGN	200	
13 57 31	- 02 27 20	P	I 2602	3153	AGN	200	
13 59 23	16 05 48	S	I 3070			229	
13 59 37	54 36 21	S	I 2140		S	162	
14 00 14	- 60 08 01	P	I 2231	3163	S	223	beta Cen A
14 00 16	- 60 07 58	A	* I 2231	3163	S	162	Beta Cen
14 00 17	- 41 08 23	A	I 8704	3164	G	313	NGC 5408
14 00 19	16 14 18	P	* I 3070	3165	BL	229	1400+162
14 00 22	16 14 25	P	* I 3070	3165	BL	229, 231	1400+162
14 00 44	54 30 39	S	I 2140		G	250	M101
14 01 04	54 54 21	A	* I 2140	3166	S	162	HD 122865
14 01 35	15 58 41	S	I 3070		CLG	229	
14 01 37	15 59 35	S	I 3070		CLG	229	A1852
14 01 37	54 33 52	P	* I 2140	3173	G	338	NGC 5457
14 01 43	09 51 59	A	* I 7769	3174	Q	237	
14 01 43	09 52 18	P	* I 9021	3174	AGN	200	
14 02 13	- 01 15 55	S	I 5396		Q	368	radio-loud quasar
14 02 19	04 16 21	A	I 3717	3177	BL	227	
14 02 19	04 16 22	A	I 3717	3177		316	
14 02 29	04 29 49	A, P	I 3717	3182	Q	370, 318	PKS 1402+044
14 02 59	26 09 51	A	I 5379	3185	Q	324	Ton 182
14 03 29	54 39 28	A	* I 7636	3186	Q	237	
14 04 03	22 38 21	A	I 5380	3189	Q	324	
14 05 58	- 45 03 06	A	* I 4986	3194	S	246	E1405-451
14 05 58	- 45 03 27	A	* I 4097	3194		183	H1409-45 soft X. variable
14 07 08	26 32 35	A	I 5381	3196	Q	324	
14 07 09	26 32 48	P	I 5381	3196	Q	360	
14 07 27	72 35 30	A	* I 10197	3197		196	UMi A
14 08 16	02 05 50	S	I 5705		BL	66	Bl Lac candidate
14 08 17	02 05 40	S	I 5705		BL	238	
14 08 53	60 00 59	F	I 6883		CLG	169	A1877
14 09 30	52 25 58	P	* I 271	3202	CLG	171	3C 295
14 09 32	52 28 03	A	* I 271	3202	Q	170	

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
14 09 34	52 26 13	P	* I 271	3202	CLG	165	3C295
14 09 35	52 26 13	P	* I 271	3202	CLG	274	3C295
14 09 36	52 27 37	A	* I 271	3202	SY	168, 170	Butcher-Oemler 6 in 3C295
14 10 22	- 63 11 44	F	I 3306		S	7	He 2-106
14 10 39	- 02 58 18	P	* I 3062	3205	SY	228	Seyfert II, NGC 5506
14 10 39	- 02 58 23	P	* I 3062	3205	SY	228	Seyfert II, NGC 5506
14 11 44	13 18 25	A	* I 5143	3209		47	serendipitous source
14 12 53	13 20 25	A	* I 5143	3215		47	serendipitous source
14 13 03	13 42 39	S	I 5143			47	serendipitous source
14 13 14	71 32 42	P	I 6885	3217	CLG	169	A1895
14 13 32	71 25 37	S	I 6885		CLG	304	A1895
14 13 35	13 34 30	P	* I 5143	3219	Q	42, 231, 47	
14 13 45	- 21 31 58	F	I 3307		S	7	BD -21deg. 3873
14 13 51	14 00 49	A	* I 5143	3220		47	serendipitous source
14 14 12	13 21 36	S	I 5143			47	serendipitous source
14 14 24	11 01 30	S	I 1905		G	95	3CR Radio Galaxy
14 14 36	13 35 33	S	I 5143			47	serendipitous source
14 14 57	13 37 17	A	I 5143	3228		47	serendipitous source
14 15 02	25 13 23	A	I 356	3229	AGN	227, 316	
14 15 06	08 24 57	F	I 165		CLG	190, 315	A1890
14 15 06	25 27 25	S	I 356		AGN	227	
14 15 06	25 27 26	S	I 356			316	
14 15 40	25 57 05	A	I 356	3235	BL	149	
14 16 14	25 25 04	A	I 356	3237	CLG	227, 316	
14 16 21	- 12 56 51	A	* I 5347	3238	Q	324	
14 16 22	- 12 56 52	P	* I 10373	3238	Q	89	
14 16 39	06 42 21	A	I 502	3240	Q	322, 323	3CR 298
14 16 40	06 42 36	P	I 502	3240	Q	370	3CR 298
14 16 42	25 24 11	A	I 356	3241	AGN	227, 316	
14 16 51	13 14 01	P	I 9705	3242	S	287	HR 5365
14 17 25	- 62 28 16	A	I 10353	3248	P	139	2S 1417-62
14 20 18	48 46 34	S	I 1851		CLG	2	A1904
14 22 37	20 14 14	P	I 4396	3262	Q	370	PKS 1422+202
14 23 13	- 62 33 41	A	* I 3243	3263	S	142	
14 23 29	52 04 42	P	I 5559	3265	S	287	HR 5404
14 24 21	16 38 17	A	* I 140	3269	S	336, 325	8.5 magnitude survey, HD 126695
14 24 30	16 53 59	S	I 6077		CLG	190	A1913
14 24 44	24 01 26	A	I 3898	3271	BL	221	
14 25 22	26 45 23	A	I 3971	3273	Q	324	Ton 202
14 25 22	26 45 33	P	I 3971	3273	Q	366	TON 202
14 25 59	- 62 28 02	A	* I 3243	3278	S	142, 143	Alpha Cen C
14 26 02	- 62 27 38	P	* I 3243	3278	S	144	Prox-Cen flare star
14 26 03	- 62 27 42	A	* I 3243	3278	S	336	Prox Cen
14 26 05	- 62 27 52	P	* I 3243	3278	S	8	Prox Cen
14 26 33	01 30 37	P	* I 5348	3280	Q	89	Mrk 1383
14 26 34	01 30 34	A	* I 5348	3280	Q	324	Mkn 1383
14 26 55	- 62 14 43	A	* I 3243	3283	S	142	
14 29 27	- 43 57 08	P	I 5252	3288	G	275	NGC 5643
14 30 04	62 37 47	S	I 9706		Q	283	
14 30 27	05 27 13	A	I 6361	3291	AGN	127	
14 31 27	04 00 04	P	I 6691	3296	CLG	202	MKW7
14 32 33	29 57 38	P	I 5562	3298	S	287	HR 5447
14 33 02	- 17 49 23	P	I 3215	3299	CV	340	RV Lib
14 33 07	48 52 43	P	I 2625	3300	SY	199	MKN 474
14 35 31	24 52 19	S	I 1852		Q	208	
14 35 36	- 06 45 44	A	I 5382	3305	Q	324	
14 35 55	- 60 37 36	A	I 4436	3308	S	12	Rev 0 HRI - alpha Cen B
14 35 55	- 60 37 39	A	I 4436	3308	S	129	Alpha Centauri B
14 35 55	- 60 37 47	A	I 4436	3308	S	336	Alpha Cen B
14 35 56	- 60 37 20	A	I 4436	3308	S	129	Alpha Centauri A
14 35 57	- 60 37 28	A	I 4436	3308	S	336	Alpha Cen A
14 35 57	- 60 37 39	P	I 4436	3308	S	232	W559A
14 35 59	- 60 37 18	A	I 4436	3308		129	Alpha Centauri system
14 37 46	- 47 13 32	P	I 2232	3313	S	223	alpha Lup
14 39 00	- 62 17 00	F	I 2164		SNR	276	RCW 86
14 39 33	- 17 02 35	S	I 5256		G	275	NGC 5728
14 39 46	28 43 23	S	I 237		CLG	167	A1954
14 39 53	- 05 20 42	A	I 5564	3316	AGN	127	
14 41 27	52 14 25	A	I 6317	3322	G	95	3CR Radio Galaxy
14 42 03	10 10 15	S	I 2050		S	162	HD 129815

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
14 42 49	10 11 13	P	* I 2050	3326	Q	208	OQ172
14 42 51	10 11 20	P	* I 2050	3326	Q	208	OQ172
14 49 04	19 18 26	F	I 10418		S	343, 233	E Boo
14 49 05	19 18 22	P	* I 4146	3337	S	341	xi Boo A
14 49 05	19 18 26	A	* I 7861	3337	S	186	Gliese/WEPP 566AB
14 50 34	16 54 29	P	* I 4190	3339	CLG	190, 315	A1983
14 51 07	19 21 47	A	I 10418	3344	S	186	Gliese/WEPP 567(ab)
14 52 13	18 50 33	P	I 6039	3350	CLG	190, 315	A1991
14 52 18	68 34 59	F	I 6888		CLG	169	A2002
14 54 03	22 32 23	A	I 3585	3354	CLG	227, 316	
14 56 29	04 28 24	P	I 3269	3360		267	
14 57 02	22 26 03	A	I 3583	3362	S	227, 316	
14 58 04	21 33 44	P	I 3582	3363	CLG	165, 274	A2009
14 58 17	- 08 19 13	P	I 7741	3365	S	252	delta Lib
14 58 55	71 52 07	P	* I 494	3367	S	370	3CR 309.1
14 58 58	71 52 12	A	* I 494	3367	Q	323	3CR 309.1
14 58 58	71 52 29	P	* I 494	3367	Q	370	3CR 309.1
14 59 40	- 41 45 00	F	I 716		SNR	281	SN 1006 ring-like
15 00 54	- 32 53 00	F	I 6407		GLB	172	NGC 5824
15 01 35	10 37 35	A	* I 6713	3372	Q	324	Mkn 841
15 01 37	10 38 04	P	* I 6713	3372	Q	89	Mrk 841
15 02 07	47 50 53	P	I 3366	3373	S	78	44 Boo
15 02 47	26 12 32	A	* I 1907	3376	G	95	3CR Radio Galaxy
15 03 48	26 12 29	F	I 4616		G	51	radio G. in non-Abell cl.
15 03 58	01 47 56	P	* I 9975	3380	CLG	31	NGC 5846
15 04 15	- 16 40 42	P	* I 7308	3382	Q	164	
15 05 04	55 57 19	S	I 2144		G	338, 119	NGC 5866
15 08 27	05 55 47	P	I 138	3385	CLG	190, 315	A2029
15 09 38	- 58 51 06	A	* I 7925	3388	SNR	299	RCW 89
15 09 46	- 58 49 37	A	* I 775	3388	SNR	297	MSH 15-52 "NW"
15 09 50	- 58 49 39	A	* I 775	3388	SNR	297	MSH 15-52 "NE"
15 09 59	- 58 56 57	A	* I 775	3389	P	295, 297, 299	in SNR MSH 15-52, point source in RCW 89
15 10 08	- 08 54 36	P	* I 2052	3390	Q	208	
15 10 09	- 08 54 49	P	* I 2052	3390	Q	208	
15 10 18	07 36 59	F	I 6104		CLG	190, 315	A2040
15 10 37	39 02 03	A	I 3216	3392	Q	283	
15 11 20	- 58 51 59	F	I 7925		SNR	297	MSH 15-52
15 11 20	- 59 06 59	F	I 775		SNR	297	MSH 15-52
15 11 20	- 59 07 00	F	I 775		S	277	Wolf-Rayet, Ocat F ctr.
15 11 39	38 45 19	P	I 3216	3395	CV	340	SS Boo
15 12 37	- 58 43 57	A	* I 7925	3400		297	
15 12 48	37 02 03	P	I 3973	3401	Q	366	
15 13 48	72 02 59	F	I 6891		CLG	169	A2058
15 14 18	07 12 44	A	I 1853	3407	CLG	2	A2052
15 14 46	- 24 11 16	P	* I 7493	3408	BL	231	
15 16 44	- 24 05 22	S	I 1997		S	162	HD 136121
15 17 42	71 39 59	F	I 6892		CLG	169	A2068
15 17 52	20 27 07	P	I 10407	3415	CLG	167	3C 318
15 19 02	22 38 49	A	I 5383	3418	Q	324	
15 19 23	07 52 41	A, P	I 461, I 2604	3419	CLG	56, 198	MKW3s, NGC 5920
15 19 23	27 55 11	A	* I 1795	3420	AGN, Q	65, 237	
15 19 24	07 52 53	P	* I 2604	3419	CLG	202	MKW3s
15 19 47	- 06 33 53	A	I 1961	3422	Q	237	
15 20 23	27 53 39	A	* I 1795	3426	CLG	2	A2065
15 20 37	08 47 06	P	* I 325	3427	CLG	189	A2063
15 20 38	08 47 13	P	* I 162	3427	CLG	190, 315	A2063
15 21 08	30 28 02	P	* I 7488	3430	S	232	W584AB
15 21 09	30 27 51	A	I 10404	3430	S	186	Gliese/WEPP 584AB
15 21 10	- 51 39 14	F	I 3308		S	7	He 2-127
15 22 03	30 00 09	S	I 7488		G	126	A2069
15 22 03	30 07 54	S	I 7488		CLG	126	A2069
15 22 04	30 03 57	A	I 7488	3431	CLG	126	A2069
15 22 08	30 03 27	A	* I 7488	3432	CLG	127	A2069
15 22 10	30 04 58	F	I 10404		S	232	W684AB
15 22 16	30 11 00	A	* I 7488	3433	CLG	126	A2069
15 24 22	10 09 32	P	I 792	3435	Q	322	4C 10.43
15 24 23	10 09 39	P	I 792	3435	Q	370	4C 10.43
15 24 48	71 45 59	F	I 6895		CLG	169	A2087
15 25 06	15 50 31	A	I 797	3436		316	
15 25 09	15 51 17	P	I 797	3436	Q	133	

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
15 25 47	22 43 24	P	* I 3974	3438	Q	247, 366	LB 9743
15 25 48	22 43 46	P	* I 3974	3438	Q	247	LB 9743
15 26 33	28 35 52	A	I 1854	3439	Q	237	
15 26 37	28 35 58	A	I 1854	3439	AGN	65	
15 27 26	16 21 46	A	I 806	3440	S	336, 325	8.5 magnitude survey, HD 138157
15 28 30	08 45 10	A	I 799	3443	S	227, 316	
15 29 41	08 21 57	F	I 9027		S	343	
15 29 52	41 29 50	S	I 3089			159	
15 30 00	05 03 42	P	I 6693	3450	AGN	200	
15 30 04	04 50 35	P	I 6693	3451	CLG	202	MKW9
15 30 37	08 31 22	A	I 9027	3453	SY	283	Seyfert II
15 30 48	69 41 59	F	I 6896		CLG	169	A2098
15 30 54	15 11 00	P	* I 6688	3454	AGN	200	
15 31 41	40 45 00	S	I 3089			159	
15 32 44	23 39 03	A	I 10464	3462	G	83	Arp 220
15 32 55	09 18 01	A	I 808	3464	S	336	SAO 121078
15 32 56	09 18 32	A	I 808	3464	S	227, 316	
15 33 08	64 04 37	P	* I 7328	3466	S	355	TW Dra
15 33 32	14 40 57	A	I 813	3468	AGN	227	
15 33 32	14 40 59	A	I 813	3468		316	
15 34 44	58 04 10	P	I 2614	3474	SY	199	MKN 290
15 35 30	29 48 44	A	I 3217	3477	S	283	RW CrB
15 36 01	29 38 45	P	I 3217	3479	CV	340	RT CrB
15 37 26	21 56 18	P	I 134	3482	CLG	190, 315	A2107
15 37 44	34 35 02	P	I 239	3484	CLG	274, 167	A2111
15 38 29	14 57 24	P	* I 3072	3486	BL	229	4C 14.60
15 38 31	14 57 19	P	* I 3072	3486	BL	229	4C 14.60
15 40 39	66 25 38	A	I 5733	3488	CLG	2	A2125
15 42 29	-66 19 58	F	I 3309		S	7	Hen 1092
15 43 07	36 15 53	P	I 4192	3494	CLG	190, 315	A2124
15 44 00	07 30 29	S	I 5576		S	232	W598
15 45 30	21 01 29	P	* I 2054	3500	Q	208	3C323.1
15 45 30	21 01 31	P	* I 240	3500	CLG	167	Zw C1545+21
15 45 31	21 01 27	A	* I 2054	3500	Q	323	3CR 323.1
15 45 31	21 01 30	P	* I 2054	3500	Q	208, 89	3C 323.1
15 45 31	21 01 45	A	* I 2054	3500	Q	324	3CR 323.1
15 46 59	02 46 08	P	I 5397	3504	Q	368	radio-loud quasar
15 47 38	-48 35 53	F	I 3310		S	7	HD 330036
15 48 21	11 29 46	P	* I 524	3508	Q	370	
15 48 21	11 29 47	A	* I 524	3508	Q	322	
15 48 22	11 29 46	A	* I 524	3508	Q	322	
15 48 44	11 25 13	A	I 524	3510		227	
15 48 45	11 25 19	A	I 524	3510		316	
15 48 47	-53 17 41	A	* I 7812	3512		362	
15 49 49	20 22 56	A	I 371	3513		316	
15 49 50	20 23 01	A	I 371	3513	AGN	227	
15 49 50	20 23 50	A	I 371	3513	S	336	SAO 84044
15 50 01	72 09 56	S	I 3218		Q	283	
15 50 30	-54 59 59	F	I 3155		SNR	215	G327.1-1.1
15 51 17	72 21 46	P	I 3218	3519	CV	340	RS Umi
15 51 46	-53 08 35	F	I 6782		SNR	362	
15 51 50	71 53 32	S	I 3218		S	283	dwarf nova
15 52 05	24 22 58	A	I 4950	3522	AGN	28	K475=UGC 10094B
15 52 29	-53 02 33	S	I 7812			362	
15 52 51	-37 47 37	A	I 3839	3526	S	120	T Tauri star
15 52 51	-53 16 14	A	I 7812	3525		362	
15 52 54	19 20 32	P	I 2615	3527	SY	199	MKN 291
15 53 36	15 58 10	A	I 5578	3532	AGN	127	
15 54 10	15 49 21	S	I 5578		S	287	HR 5933
15 55 30	33 13 34	P	I 4264	3539	Q	370	GC 1555+33
15 56 14	27 22 04	A	* I 1798	3541	CLG	2	A2142
15 56 15	25 59 15	A	I 3189	3540	SY	283	Seyfert I
15 56 25	27 25 39	A	* I 1798	3542	S, SY	283	SAO 84114, Seyfert I
15 56 59	33 32 01	P	I 4264	3544	Q	370	GC 1556+335
15 57 18	27 12 04	A	* I 1798	3546	AGN, Q	65, 237	
15 57 22	-22 28 52	A	I 5997	3547	S	162	Delta Sco
15 57 25	26 03 35	F	I 3189		CV	74, 75	T CrB
15 59 06	33 24 32	P	* I 3986	3556	S	232	W9537
15 59 07	33 24 47	A	* I 3986	3556	S	186	Gliese/WEPP 9537
15 59 16	-22 32 56	A	I 5997	3558	S	162	HD 143600

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
15 59 57	16 05 24	P	I 297	3565	CLG	189	A2147
16 00 57	58 42 07	P	I 15191	3570	S	341, 232	W9538, theta Dra
16 01 18	17 20 37	S	I 3923		G	256	radio-jet galaxy
16 01 20	66 56 40	P	I 5022	3573	S	9	AG Draconis
16 02 45	24 10 45	S	I 2606		AGN	200	
16 02 47	24 03 12	A	* I 2606	3581	CLG	198	NGC 6051
16 02 51	24 04 16	P	* I 2606	3581	CLG	56, 202	AWM4
16 02 53	17 53 17	S	I 1801		CLG	2	A2151
16 03 25	16 34 18	A	I 1855	3583	CLG	2	A2152
16 04 53	15 52 07	A	I 7480	3593	AGN	127	
16 06 09	28 56 57	S	I 5719		Q	208	4C28.40
16 06 56	- 18 12 27	S	I 10070		S	287	HR 6012
16 08 40	- 18 30 52	F	I 4510		S	344	star-formation region
16 08 40	- 18 30 54	F	I 4510		S	344	star-formation region
16 11 47	34 20 32	S	I 7309		Q	164	
16 11 50	- 03 24 07	A	I 5581	3614	AGN	127	
16 12 06	26 39 06	P	* I 2057	3616	Q	208	NAB1612
16 12 08	26 11 41	A	* I 2056	3617	Q	324	Ton 256
16 12 08	26 12 02	P	* I 2056	3617	Q	208	TON256
16 12 09	26 11 56	P	* I 2056	3617	Q	208	TON256
16 12 10	26 11 56	P	* I 2056	3617	Q	366	TON 256
16 12 27	26 51 21	S	I 2056		CLG	2	A2165
16 12 48	33 59 01	A	* I 3219	3618	S	186	Gliese/WEPP 9550A(ab)B
16 12 48	33 59 08	A, P	* I 3219	3618	S	341, 186	Gliese/WEPP 9550B, sigma CrBA
16 13 04	- 06 00 46	A	I 4526	3621	CLG	334	A2163
16 13 27	65 51 05	A	* I 10375	3624	SY	283	Seyfert I, PG 1613+6550
16 13 33	65 50 45	A	* I 5385	3624	Q	324	Mkn 876
16 13 37	65 50 54	P	* I 10375	3624	Q	360	
16 13 47	- 50 53 59	F	I 3095		SNR	265	RCW 103
16 13 47	- 50 55 05	S	I 3095		SNR	328	RCW 103(compact)
16 13 52	31 05 37	S	I 3548		CLG	167	
16 14 03	- 50 57 25	P	* I 3157	3626	SNR	215	G332.4-0.4 (RCW 103)
16 14 10	05 06 44	P	* I 7517	3628	Q	368	radio-loud quasar
16 14 52	05 33 37	A	I 3716	3630	AGN	127	S(6cm)=16 mJy
16 15 17	06 11 17	P	I 4104	3634	SY	279	H1613+06, Sey 1
16 15 18	06 11 05	P	I 4104	3634	SY	279	
16 15 28	35 00 59	A	* I 7695	3636	S	336	SAO 65201
16 15 58	55 23 36	P	I 7749	3641	S	8	CR Dra
16 17 55	17 31 05	A	* I 5350	3647	Q	324	Mkn 877
16 17 56	17 31 34	A	* I 484	3647		316	
16 17 56	17 31 40	A	* I 484	3647	AGN	227	
16 18 07	17 43 30	A	* I 484	3648	Q	323	3CR 334
16 18 56	25 52 36	A	* I 4527	3653	CLG	334	A2177
16 18 56	25 53 22	P	* I 4527	3653	CLG	333	A2177
16 20 57	24 44 52	S	I 4528		CLG	333	A2178
16 22 32	23 52 02	A	I 495	3665	Q	323	3CR 336
16 23 10	26 57 23	F	I 5720		Q	205	4C 26.48
16 23 11	26 57 25	P	* I 5720	3675	Q	208	4C26.48
16 23 12	26 57 17	P	* I 5720	3675	Q	208	4C26.48
16 23 46	26 54 00	P	I 6679	3684	Q	208	KP77
16 26 02	41 02 01	S	I 1857		CLG	2	A2197
16 26 54	39 39 00	A	* I 2691	3705	G	112	338 a 3CR galaxy
16 26 55	39 39 35	P	* I 4193	3705	CLG	190, 315	A2199
16 29 08	- 21 21 06	S	I 4891		S	62	W Oph
16 30 10	- 48 00 18	P	* I 3286	3719	S	180	HD 148937
16 30 19	05 40 32	P	I 4531	3720	CLG	333	A2204
16 30 21	05 40 50	A	I 4531	3720	CLG	334	A2204
16 30 23	03 21 12	P	I 9052	3721	S	187	binary
16 30 47	- 34 59 09	F	I 3311		S	7	He 2-171
16 32 00	05 36 53	S	I 4531		CLG	334	A2210
16 33 31	38 14 35	S	I 2058		Q	208	4C38.41
16 34 24	- 10 28 02	A	* I 2224	3732	S	162	Zeta Oph
16 34 25	- 10 28 02	P	* I 5103	3732	S	223, 303	HD 149757, zeta Oph
16 34 53	70 37 45	A	* I 5351	3735	Q	324	
16 35 26	11 55 41	A	* I 567	3737	Q	322	
16 35 26	11 55 50	P	* I 567	3737	Q	370, 360	MC2 1635+119
16 35 34	- 56 53 28	P	* I 7742	3738	S	252	R Ara
16 35 41	66 18 52	P	I 313	3739	CLG	274, 40, 167, 304	A2218
16 38 22	60 47 44	P	I 3220	3742	CV	340	WW Dra
16 38 30	53 52 14	S	I 8351		CLG	52	A 2220

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
16 38 47	00 36 07	P	I 4993	3744	S	78	V 502 Oph
16 39 21	53 44 00	S	I 8351			52	serendipitous X BG source
16 40 00	62 31 39	F	I 3312		S	7	Hen 1242
16 40 06	39 40 48	A	* I 2060	3746	Q	237	
16 40 08	53 50 00	A	I 8351	3747		52	serendipitous X BG source
16 40 13	40 06 16	A	* I 2060	3748	Q	237	
16 40 27	62 25 03	A	I 273	3749	S	283	SAO 17187
16 40 32	62 24 08	A	I 273	3749	S	336, 325	8.5 magnitude survey, HD 151067
16 41 16	39 54 13	P	* I 2060	3752	Q	208	3C345
16 41 17	39 54 11	P	* I 2060	3752	Q	48	3C 345
16 41 18	39 54 03	P	* I 2060	3752	Q	208	3C345
16 41 18	39 54 11	A	* I 2061	3752	Q	323	3CR 345
16 41 18	39 54 20	P	* I 2060	3752	Q	208	3C345
16 41 33	17 20 55	A	I 6328	3754	G	95	3CR Radio Galaxy
16 41 42	39 54 00	P	* I 2060	3755	AGN	32	NGC 6212
16 41 46	39 58 52	S	I 2060		Q	237	
16 41 53	39 59 05	S	I 2060		AGN	65	
16 41 54	39 59 17	S	I 2060		Q	235, 237	companion to 3C 345
16 42 04	25 20 27	F	I 3357		CV	75	AH Her
16 42 07	25 20 29	P	I 3357	3756	CV	74	AH Her
16 46 25	-14 17 22	F	I 4511		S	344	star-formation region
16 46 26	-14 18 21	F	I 4511		S	344	star-formation region
16 46 53	-34 12 23	S	I 854		S	336	Epsilon Sco
16 48 05	-41 08 36	P	I 5076	3768	S	63, 285	HD 151804, O type star
16 48 08	53 30 30	S	I 7829		GLB	13	A330
16 48 40	05 04 42	A	I 10533	3771	G	112	348 a 3CR galaxy
16 48 47	-41 46 18	F	I 3140		S	277	Wolf-Rayet, Ocat F ctr.
16 50 31	-30 19 34	A	I 919	3777	S	336, 325	8.5 magnitude survey, HD 152287
16 50 34	-30 19 40	P	I 919	3777	S	130	HD 152287
16 50 38	-41 44 39	F	I 5075		S	277	Wolf-Rayet, Ocat F ctr.
16 50 40	-41 44 39	P	I 5075	3779	S	63	HD 152248
16 52 11	39 50 30	P	* I 5210	3780	BL, G	182, 260	MRK 501
16 52 12	39 50 26	P	* I 5210	3780	G	182	MRK 501
16 52 13	39 50 26	P	* I 5210	3780	BL	231	
16 52 46	-08 15 08	A	I 3112	3783	S	185	Gliese-Wolley #644AB
16 52 46	-08 15 09	A	I 3112	3783	S	336	Wolf 630
16 52 47	-08 15 12	P	I 3112	3783	S	8	Wolf 630
16 56 41	-12 48 24	A	I 1755	3793	SNR	16	V841 Oph
16 57 16	-41 34 37	A	* I 4502	3797	P	270	OAO1653-40
16 57 26	-42 05 02	A	I 4503	3798		270	serendipitous source
16 58 14	78 42 00	F	I 7528		CLG	105	A2256
16 59 11	29 28 50	P	I 2628	3804	SY	199	MKN 504
16 59 45	33 38 45	S	I 330		S	130	59 Her
17 00 51	34 07 47	P	* I 330	3809	CLG	167	A2244
17 01 02	-18 53 40	A	* I 5945	3810		176	
17 01 32	61 02 52	A	* I 510	3813	Q	237	
17 02 44	00 46 18	A	I 5992	3820	S	162	HD 154417
17 02 45	00 46 25	P	I 5992	3820	S	232	W9583
17 03 30	60 52 08	P	* I 510	3825	Q	370	KP 1703.5+609
17 04 01	60 48 53	P	* I 510	3828	Q	370	3CR 351
17 04 02	60 48 22	P	* I 510	3828	Q	366	3c351
17 04 02	60 48 38	P	* I 2062	3828	Q	208	
17 04 03	-34 01 18	F	I 3313		S	7	V455 Sco
17 04 04	60 47 47	A	* I 2062	3828	Q	324	3CR 351
17 04 04	60 48 26	P	* I 2062	3828	Q	208	3C351
17 04 04	60 48 29	A	* I 510	3828	Q	322, 323	3CR 351
17 04 10	54 32 21	A	* I 3811	3830	S	186	Gliese/WEPP 9584ABC
17 04 17	54 32 12	A, P	* I 3811	3830	S	12, 287, 186	Gliese/WEPP 9584BC, HR 6370, mu DRA
17 04 29	24 02 14		I 9972		S	121	HD154791 N.B. OPTICAL pos
17 04 56	60 46 15	A	* I 510	3836	BL	66	Bl Lac candidate
17 04 58	71 01 30	S	I 29		Q	125, 322	Draco Deep Survey field
17 05 07	60 20 24	S	I 5688		S	162	
17 06 06	71 04 06	S	I 29		S	125	Draco Deep Survey Field
17 06 30	78 47 00	F	I 300		CLG	105	A2256
17 06 44	78 42 24	P	* I 300	3842	CLG	189	A2256
17 06 45	78 17 00	F	I 4678		CLG	105	A2256
17 06 45	79 07 00	F	I 7530		CLG	105	A2256
17 06 51	78 43 24	P	* I 300	3842	CLG	105, 190, 315	A2256
17 07 22	71 04 06	S	I 29		S	125	
17 07 35	78 41 11	S	I 300			105	A2256 point source

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
17 07 57	70 54 54	S	I 29			125	
17 08 05	71 18 24	A	I 29	3845		125	
17 09 03	49 01 07	A	* I 7667	3847	S	309	HD 155638
17 09 11	54 32 59	A	* I 7663	3848	S	186	Gliese/WEPP 659AB
17 09 35	71 03 54	S	I 29			125	
17 09 36	71 15 12	S	I 29			125	
17 09 57	71 00 06	A	* I 29	3852	S	125, 336	G
17 09 58	71 27 30	S	I 3670			125	
17 10 51	70 55 18	A	* I 29	3856		125	
17 11 44	16 24 47	P	I 7846	3858	S	78	AK Her
17 11 45	71 16 00	A	I 29	3859	Q	125, 322	
17 12 01	70 54 06	A	* I 3670	3864		125	
17 12 05	71 11 54	A	* I 29	3861	S	125, 336	F2
17 12 05	71 25 42	A	* I 3670	3863		125	
17 12 10	71 14 24	A	* I 29	3862		125	
17 12 31	64 07 31	P	* I 160	3866	CLG	190, 315	A2255
17 13 12	71 11 06	A	* I 29	3870	S	125	F0
17 13 12	71 11 07	A	* I 29	3870	S	336	SAO 8737
17 14 39	71 26 48	S	I 29			125	
17 15 15	78 42 00	F	I 7527		CLG	105	A2256
17 17 52	26 32 56	A	I 3091	3884	S	156	G669B=V639Her
17 17 53	26 32 56	A	I 3091	3884	S	156	G669A=Ross868
17 17 55	26 32 53	A	I 3091	3884	S	186, 159	Gliese/WEPP 669AB, Two dwarf M stars
17 17 56	49 01 58	A	I 4951	3883	AGN	28	ARP 102B
17 18 11	26 40 34	A	I 3091	3885	CLG	159	Z=0.162
17 19 07	- 19 46 04	A	I 6477	3887		176	
17 19 29	26 50 39	A	I 3091	3891		159	
17 20 37	24 39 06	S	I 420		Q	370	V396 Her
17 20 38	24 39 06	S	I 420		Q	322	V396 Her
17 20 46	30 55 42	P	I 2629	3893	SY	199	MKN 506
17 21 11	78 04 23	P	* I 6042	3894	CLG	190	A2271
17 21 32	34 20 46	P	I 3975	3896	Q	360	
17 22 09	- 38 45 37	S	I 2168		S	162	
17 23 56	- 05 02 10	P	* I 7663	3902	S	287	HR 6493
17 24 19	- 30 45 40	A	I 1005	3903	GLB	134	Globular Cluster Terzan 2
17 24 20	- 30 45 38	P	I 1005	3903	GLB	173	Terzan 2
17 24 20	- 30 45 39	A	I 1005	3903	GLB	172, 138	Terzan 2
17 26 01	49 55 29	A	* I 2004	3908	AGN, Q	65, 237	
17 27 03	50 15 25	P	* I 2004	3909	BL	43	1 Zw 187
17 27 03	50 15 43	P	* I 2004	3909	BL	43	1 Zw 187
17 27 04	50 15 43	P	* I 9389	3909	BL	231	
17 27 35	- 21 26 59	F	I 2169		SNR	249	Kepler's SNR
17 27 35	- 21 27 00	F	I 2169		SNR	178	Kepler's SNR
17 27 41	- 21 26 54	P	I 2169	3911	SNR	178	Kepler's SNR
17 27 41	- 21 27 15	P	I 2169	3911	SNR	356	Kepler's
17 28 39	- 33 47 49	A	I 3222	3916	GLB	135	GX354+0
17 28 39	- 33 47 54	P	I 3222	3916	GLB	173	Grindlay 1
17 28 39	- 33 47 55	A	I 3222	3916	GLB	172, 174	Grindlay 1
17 29 18	52 20 29	P	I 3812	3918	S	12	beta Dra
17 30 13	- 13 02 44	P	* I 7173	3919	Q	164	
17 30 13	- 13 02 46	P	* I 3888	3919	Q	242	NRAO 530
17 30 13	- 13 02 49	P	* I 3888	3919	Q	242	NRAO 530
17 31 25	- 32 32 21	P	* I 2520	3920	GLB	173	Terzan 1
17 31 26	- 32 32 50	P	* I 3053	3920	S	312	HD 159176
17 31 26	- 32 32 57	A	* I 3053	3920	S	162	HD 159176
17 32 36	12 35 35	A	I 842	3921	S	336	Alpha Oph
17 32 40	12 35 35	P	I 842	3921	S	130	alpha Oph
17 34 43	- 15 22 00	P	I 5605	3926	S	287	HR 6561
17 34 59	- 33 53 41	F	I 2552		S	277	HDE 318016
17 36 49	68 22 38	A	* I 8812	3930	S	186	Gliese/WEPP 687(ab)
17 37 12	68 47 28	P	* I 5606	3931	S	287	HR 6596
17 37 19	- 47 01 49	F	I 3314		S	7	AE Ara
17 39 16	51 51 19	A	I 7174	3934	AGN	280	
17 39 31	52 13 18	P	I 7174	3936	Q	164	
17 41 20	- 31 46 44	F	I 2550		S	277	DA3
17 41 46	- 28 50 28	S	I 949		GC	348	Galactic ctr. H11 region
17 42 27	- 28 23 16	S	I 950		S	336, 325	8.5 magnitude survey, HD 161247
17 42 30	- 28 59 01	A	* I 949	3941	GC	348	Sgr A West
17 42 32	- 28 45 44	S	I 950		GC	348	
17 42 40	- 26 09 20	F	I 5045		S	277	LSS 4368

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
17 42 42	- 29 02 13	S	I 950		GC	348	
17 42 49	- 28 53 41	S	I 949		GC	348	
17 42 54	- 29 28 53	A	* I 949	3943	GC	348	A1742-294
17 43 08	- 28 43 00	A	* I 949	3944	GC	348	
17 43 26	- 28 52 36	A	* I 949	3946	S	348	SAO 185730
17 43 28	- 28 52 48	A	* I 949	3946	S	336	SAO 185730
17 44 05	55 44 16	S	I 421		G	92	NGC 6454
17 44 29	27 44 34	A	I 4422	3947	S	336	Mu Her
17 44 30	27 44 52	A	I 4422	3947	S	186	Gliese/WEPP 695BC
17 44 48	- 26 32 49	A	I 5045	3948		174	
17 45 17	27 47 38	A	I 4422	3950	AGN	227, 316	
17 45 55	- 20 21 07	S	I 6429		GLB	172	NGC 6440
17 45 57	- 20 20 59	S	I 6429		GLB	173	NGC 6440
17 46 47	- 32 25 04	P	I 2542	3957	GLB	173	NGC 6441
17 47 16	68 37 25	P	I 2630	3960	AGN	200	
17 48 52	68 42 52	P	I 2630	3963	SY	199	MKN 507
17 49 10	09 39 43	A	* I 3899	3965	BL	221	
17 50 48	06 07 03	S	I 9709		S	287	HR 6670
17 51 02	70 46 16	A	* I 889	3969	S	227, 316	
17 51 02	70 46 18	P	* I 889	3969	S	116	
17 51 07	70 46 08	P	* I 8883	3969	S	116	FK Comae candidate
17 53 34	18 30 07	A	I 4952	3973	S	186	Gliese/WEPP 698(AB)
17 54 24	04 59 34	P	* I 10258	3974	S	78	V 566 Oph
17 55 21	04 38 25	S	I 4409		S	336	Barnard's
17 55 29	04 27 40	A	* I 4991	3981	S	176	2 stars
17 55 51	15 08 34	A	* I 925	3982	S	336	Zeta Her
17 56 32	22 08 56	P	I 3224	3984	CV	340	MM Her
17 56 55	23 44 17	P	* I 5129	3987	Q	192	PKS 1756-237
17 57 35	- 23 27 00	F	I 2170		S	277	MR 80
17 58 35	- 23 42 00	F	I 4671		S	277	AS 268
18 02 56	02 30 02	A	I 3113	4004	S	336	70 Oph B
18 02 56	02 30 03	A	I 3113	4004	S	185	Gliese-Wolley #702A
18 02 56	02 30 04	A	I 3113	4004	S	185	Gliese-Wolley #702B
18 02 56	02 30 13	P	I 3113	4004	S	12	70 Oph
18 03 05	- 50 02 58	P	I 5069	4005	S	63	Theta Ara
18 03 34	78 28 24		I 5121		BL	29	
18 03 38	67 38 01	P	* I 4265	4008	Q	370, 360	
18 03 38	78 27 48	F	I 5121			27	Bl Lac?
18 03 40	67 38 21	A	* I 8829	4008	AGN	280	
18 03 43	21 26 27	P	I 10433	4009	S	310	HD165590 triple system
18 04 24	- 43 43 23	S	I 6420		GLB	173	NGC 6541
18 04 24	- 43 43 36	S	I 6420		GLB	172	NGC 6541
18 05 27	- 21 15 41	F	I 5959		S	277	HD 165763
18 06 54	45 41 27	S	I 3180		Q	283	
18 06 57	09 08 00	P	I 9911	4021	S	78	V 839 Oph
18 07 22	69 48 53	P	* I 1967	4023	BL	231, 367	3C 371
18 08 30	- 19 27 00	P	I 2902	4029	SNR	79	G 11.2-0.3
18 08 31	- 19 26 53	F	I 2902		SNR	24	G11.2-0.3
18 08 32	- 19 27 05	F	I 2902		SNR	24	G11.2-0.3
18 08 35	33 23 29	P	I 3225	4030	CV	340	PW Her
18 10 21	69 40 00	A	* I 159	4039	S	336	HD 167605
18 10 28	69 40 21	A	* I 1967	4039	S	367, 55	K star
18 10 47	- 43 01 25	F	I 3316		S	7	Y CrA
18 12 51	- 11 53 31	A	I 6924	4047	S	176	star outside error box
18 12 51	- 30 52 15	F	I 3317		S	7	AS 295B
18 13 41	64 23 22	A	I 10776	4048	S	186	Gliese/WEPP 9619
18 14 46	- 11 49 08	A	* I 4240	4050		176	
18 14 58	49 50 52	P	I 9680	4051	S	91	AM Her
18 14 58	49 50 58	P	I 9680	4051	S	90, 307	AM Her
18 15 00	49 48 00	S	I 9680		S	336	AM Her
18 16 19	- 11 39 25	F	I 5960		S	277	CV Ser
18 17 36	- 10 12 12	A	I 3820	4055	S	110	BD-10 degrees 4662
18 20 51	- 34 24 41	A	I 2233	4062	S	162	Eps Sgr
18 20 53	- 34 24 44	P	I 2233	4062	S	223	epsilon Sag
18 21 03	72 42 29	F	I 5193		S	343	
18 21 31	- 34 13 05	A	I 2233	4064	S	162	HD 169178
18 21 44	64 19 32	A	* I 8667	4066	AGN	280	
18 21 53	72 42 46	P	I 5193	4068	S	287	HR 6927
18 22 06	- 23 00 36	S	I 2507		S	162	HD 169336
18 23 26	18 16 10	P	I 3226	4072	CV	340	AW Her

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
18 28 13	48 42 39	A	I 487	4082	Q	323	3CR 380
18 28 14	48 42 40	P	I 487	4082	Q	370	3CR 380
18 28 31	20 46 59	F	I 5194		S	343	
18 28 52	- 29 25 59	F	I 4927		CV	75	V1017 Sgr
18 28 54	- 29 25 12	A, P	I 4927	4084	CV, S	74, 122	V 1017 Sgr
18 30 47	- 10 36 28	A	I 1657	4090	SNR	17	G21.5-0.9
18 30 47	- 10 36 55	A	I 1657	4090	SNR	17	G21.5-0.9
18 31 27	- 07 05 11	F	I 6775		SNR	25	G24.7+0.6
18 32 46	51 40 54	P	I 927	4094	S	8	BY Dra
18 32 50	- 23 49 29	P	I 4971	4095	GLB	173	NGC 6656
18 33 11	32 38 43	A	I 2650	4097	G	95	3CR Radio Galaxy
18 33 13	32 39 17	P	I 2650	4097	SY	199	3C382
18 33 17	- 23 47 59	F	I 4971		GLB	160	M22
18 33 17	- 23 48 00	F	I 4971		GLB	172	NGC 6656
18 33 20	- 23 56 56	S	I 4971		GLB	172	NGC 6656 - cl. center pos
18 33 44	- 23 38 28	P	I 4971	4104	GLB	173	NGC 6656
18 34 53	45 30 59	F	I 843		S	336	Alpha Lyr
18 35 23	- 06 58 04	A	* I 4609	4109		176	
18 36 13	17 08 40	A	I 6329	4112	G	95	3CR Radio Galaxy
18 36 57	- 07 23 58	A	* I 4241	4114	S	176	SAO 142475
18 38 34	- 05 10 59	F	I 2674		SNR	204	G27.4+0.0
18 38 39	- 04 59 03	A	I 2674	4118	SNR	176	Kes73=G27.4+0.0
18 38 40	- 04 59 03	A	I 2674	4118		204	central compact source
18 41 37	55 28 54	P	I 4960	4122	S	62	SAO 31119
18 42 10	59 34 47	S	I 5619		S	186	Gliese/WEPP 725B
18 42 35	- 63 23 00	P	I 6105	4124	CLG	315	SCO 1842-63
18 42 36	45 30 36	A	I 2693	4125	G	112	388 a 3CR galaxy
18 42 36	45 30 39	A	I 2693	4125	G	95	3CR Radio Galaxy
18 42 54	20 36 08	A	I 5621	4126	S	176	star outside error box
18 43 30	20 29 43	P	I 5621	4128	S	287	HR 7061
18 43 47	- 03 01 41	A	I 7462	4129	SNR	21	G29.7-0.3
18 43 48	- 03 02 28	A	I 7462	4129	SNR	21	G29.7-0.3
18 43 49	- 03 01 44	P	I 7462	4129	SNR	23	G 29.7-0.3
18 45 34	52 55 49	P	I 5061	4135	S	141	serendipitous source
18 45 37	79 43 06	A	I 5690	4136	G	95	3CR Radio Galaxy
18 46 21	00 31 47	A	* I 10113	4138		81	V603 Aquilae (old nova)
18 46 22	00 31 50	A	* I 1749	4138	SNR	16	V603 Aql
18 46 46	- 23 53 30	P	I 10311	4140	S	5, 6	G 729 flare star, V1216 Sgr
18 46 51	- 01 00 00	S	I 780		SNR	347	3C 391
18 47 24	33 30 11	A	I 2234	4144	AGN, Q	65, 237	
18 47 26	33 29 31	A	I 2234	4144		176	
18 48 09	33 04 59	A	I 2234	4145	S	176	
18 48 12	33 18 02	P	I 2234	4146	S	180	HD 174638 - Beta Lyr
18 48 14	33 18 13	A	I 2234	4146	S	162	Beta Lyr
18 48 16	33 17 33	A	I 2234	4146	S	162	HD 174664
18 49 11	- 31 11 59	F	I 6926		CV	305	V1223 Sgr
18 49 12	79 53 07	A	I 5690	4148	S	162	HD 175938
18 49 13	00 31 54	F	I 3490		S	277	NaStI
18 49 14	79 53 03	P	I 5690	4148	S	287	HR 7160
18 50 20	- 08 45 58	P	I 997	4151	GLB	173, 172	NGC 6712
18 50 21	- 08 46 04	A	I 997	4151	GLB	172, 138	NGC 6712
18 50 28	59 19 29	F	I 4946		S	343	
18 51 59	- 30 31 59	F	I 6424		CV	305	V1223 Sgr
18 53 03	08 20 17	P	I 10312	4160	S	5, 6	G 735 flare star, V1285 Aql
18 53 41	01 17 59	F	I 767		SNR	302	W 44
18 53 41	01 18 00	S	I 767		SNR	349	W44
18 54 08	04 11 56	A	I 5986	4167	S	162	HD 175726
18 54 08	04 12 14	A	I 5986	4167	S	176	SAO 124077
18 54 13	68 19 40	P	I 6269	4169	CLG	190	A2312
18 54 47	01 16 31	A	I 767	4170	S	336	BD +1 3828
18 55 23	- 37 10 25	S	I 3501		S	78	Epsilon CR A, HR 7152
18 57 46	- 37 00 56	F	I 4512		S	344	star-formation region
18 59 01	- 13 14 11	S	I 1753		SNR	16	V1059 Sag
18 59 08	01 22 12	A	I 2675	4179	S	176	star outside error box
19 05 17	- 63 54 57	P	I 7063	4184	G	338	NGC 6744
19 05 46	43 56 34	P	* I 2273	4185	CV	18	MV Lyr
19 06 00	05 00 00	F	I 5282		SNR	350	SS 433 lobe
19 06 23	16 46 25	P	I 5196	4189	S	287	HR 7267
19 07 15	52 20 42	P	* I 3227	4195	CV	340	HR 7275
19 08 22	09 11 13	A	I 2678	4200		176	

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
19 08 45	09 01 24	A	* I 2678	4203	SNR	282	W49B
19 09 18	16 46 26	F	I 7417		S	277	M1-67
19 09 20	04 53 58	P	* I 4623	4204	S	291, 350, 140	SS 433
19 09 20	04 53 59	P	* I 772	4204	S	140	SS 433
19 09 21	04 53 55	A	* I 4623	4204	SNR	293	SS433 jet in W50
19 09 21	04 53 59	P	* I 772	4204	S	140	SS 433
19 09 22	04 53 57	P	* I 772	4204	S	140	SS 433
19 10 05	04 46 06	A	* I 772	4206	S	239	white dwarf
19 10 32	67 36 38	A	I 5626	4209		227, 316	
19 11 00	04 50 00	F	I 10193		SNR	350	SS 433 lobe
19 12 22	10 38 20	A	I 1272	4211	S	176	
19 12 32	19 13 33	A	I 10687	4213	S	186	Gliese/WEPP 9652AB
19 12 34	10 31 12	A	I 1272	4214		176	
19 14 28	05 05 08	A	I 4408	4216	S	336	GL 752A
19 15 35	22 20 59	P	I 7331	4220	S	355	RS Vul
19 15 55	05 02 20	A	I 4408	4221	S	176	SAO 124484
19 16 08	- 05 19 41	A	* I 5197	4222		174	
19 16 19	- 00 09 20	A	* I 7891	4223	S	176	SAO 104716
19 16 35	19 30 57	P	* I 7744	4225	S	252	U Sge
19 16 55	- 58 45 59	P	I 9653	4226	SY	216	ESO 141-G55
19 16 56	15 19 43	A	I 1198	4227		176	
19 17 00	06 23 22	A	* I 2172	4228	S	176	SAO 124506
19 17 52	- 05 30 29	F	I 5197		S	343	
19 18 42	18 57 36	A	I 8681	4231	S	176	
19 19 38	43 50 36	P	I 3456	4234	CLG	189	A2319
19 19 39	43 51 02	P	I 3456	4234	CLG	190, 315	A2319
19 19 40	43 50 36	A	I 3456	4234	CLG	358	A2319
19 20 49	48 00 29	F	I 4617		G	51	radio G. in non-Abell cl.
19 21 07	15 01 24	A	* I 10267	4242	S	176	G star
19 21 42	- 29 20 26	A	* I 3890	4245	BL	221	
19 21 43	- 29 20 11	P	* I 3893	4245	BL	231	
19 23 12	20 10 28	A	I 8682	4247	S	176	SAO 87188
19 23 51	14 05 48	A	* I 10267	4249	S	176	K star
19 24 27	19 41 13	S	I 8680			176	
19 26 05	19 27 25	A	I 8680	4250		176	WC5 Roberts 93
19 28 11	10 42 18	A	I 5923	4256		176	
19 30 11	55 37 36	P	I 3228	4263	CV	340	HR 7428
19 30 42	11 02 06	A	I 5923	4265		176	
19 32 18	49 56 13	A	I 5632	4266	S	176	G star
19 35 06	50 06 21	P	I 5632	4269	S	287	HR 7469
19 35 06	50 06 24	A	I 5632	4269	S	186	Gliese/WEPP 765B
19 36 41	30 23 36	P	I 2275	4274	CV	18	EM Cyg
19 38 02	21 32 48	A	I 7220	4278		22	
19 39 40	16 37 42	P	* I 3318	4280	S	363	HM Sge system
19 39 41	16 37 32	F	I 3318		S	7	HM Sge
19 39 41	16 37 42	P	* I 3318	4280	S	213	HM Sge
19 39 51	60 35 48	S	I 2694		G	112	401 a 3CR galaxy
19 39 56	- 10 26 33	P	I 354	4281	SY	216	NGC 6814
19 40 24	50 29 35	A	I 3919	4282	G	256	radio-jet galaxy
19 40 26	- 10 47 55	A	I 354	4283	S	325	8.5 magnitude survey
19 43 24	45 00 30	A	* I 5633	4288	S	336	Delta Cyg
19 43 27	45 00 20	P	* I 4403	4288	S	130	delta Cyg
19 43 59	- 42 06 59	F	I 3185		CV	75	V3885 Sgr
19 44 12	- 42 07 57	P	* I 3186	4290	CV	74	V3885 Sgr
19 46 52	35 11 33	S	I 3319		S	287	HR 7550
19 48 11	08 46 59	A	I 844	4293	S	176	
19 48 24	08 44 51	P	I 844	4294	S	130, 287	HR 7557, alpha Aql
19 48 48	08 34 39	A	I 844	4295	S	175, 176	
19 51 00	32 45 00	P	* I 781	4297	SNR	346	CTB 80
19 51 02	32 44 52	A	* I 781	4297	SNR	19	CTB 80
19 51 03	77 36 44	P	I 4928	4296	CV	74	AB Dra
19 51 06	77 37 05	F	I 4928		CV	75	AB Dra
19 55 19	39 41 29	F	I 3320		S	7	V1016 Cyg
19 55 20	39 41 02	P	I 3320	4302	S	363	Cyg V1016
19 55 21	39 41 02	P	I 3320	4302	S	213	V1016 Cyg
19 55 32	35 03 53	F	I 3369		G	39	Cyg X-1 Halo Studied
19 57 05	40 35 59	F	I 1807		G	10	Cygnus A and cluster
20 00 19	- 55 52 03	F	I 3321		S	7	RR Tel
20 00 23	- 55 52 06	P	I 3321	4313	S	363	RR Tel
20 00 23	- 55 52 58	P	I 3321	4313	S	213	RR Tel

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
20 01 52	16 55 35	S	I 7914		S	232	W779
20 03 21	38 19 58	P	I 5993	4317	S	232	W9685
20 03 21	38 20 03	A	I 5993	4317	S	162	HD 190771
20 03 31	22 31 42	P	I 7658	4318	CV	264	
20 03 48	22 31 48	P	I 7657	4319	CV	264	
20 03 54	- 66 19 58	S	I 3114		S	12	beta Pav
20 03 56	- 66 19 18	S	I 3114		S	336	Delta Pav
20 05 22	17 33 25	P	* I 2277	4322	CV	18	WZ Sge
20 07 20	77 43 58	F	I 5122		BL	27	
20 07 21	77 44 15	A	I 5122	4325	BL	29	
20 09 35	38 14 58	A	I 827	4335	S	336, 325	8.5 magnitude survey, HD 192020
20 09 36	38 14 58	A	I 827	4335	S	162	HD 192020
20 10 00	36 02 49	F	I 5046		S	277	HD 191765, HD 192103
20 10 13	38 11 56	F	I 827		S	277	HD 192163
20 10 31	46 20 02	P	I 7745	4336	S	252	31 Cyg
20 12 19	23 26 06	A	I 2679	4341	G	112	409 a 3CR galaxy
20 12 39	36 30 02	F	I 5963		S	277	HD 192641
20 13 08	- 71 00 45	P	I 1858	4342	G	119	NGC 6876
20 13 42	37 01 19	A	I 3495	4343		361	
20 13 45	36 54 56	A	I 3495	4344		361	
20 14 09	37 03 45	F	I 3495		S	277	
20 14 11	37 02 50	A	I 3495	4345	SNR	361	G74.9+1.2
20 14 44	36 56 01	S	I 3495			361	
20 14 54	- 03 49 12	A	I 7909	4349	CV	321	V794 Aquilae
20 15 04	37 15 15	A	I 3495	4350		361	
20 16 44	20 42 00	A	* I 929	4353	S	176	SAO 88503
20 17 42	38 34 24	F	I 7875		S	277	V444 Cyg
20 18 03	29 33 00	A	I 2680	4362	G	112	410 a 3CR galaxy
20 27 22	09 31 11	P	I 10313	4369	S	6	G 791.2 flare star
20 27 23	09 31 11	P	I 10313	4369	S	5	Hu Del
20 30 32	40 47 06	F	I 3378		S	277	AS 422
20 30 35	41 08 03	A	* I 5219	4375	S	336	Cyg OB2-5
20 30 36	41 07 49	P	* I 3374	4375	S	150	VI Cyg Star Ass (Cyg OB2)
20 30 43	41 03 55	A	* I 4221	4378	S	336	Cyg OB2-C2
20 30 53	41 04 11	P	* I 3374	4378	S	150	VI Cyg Star Ass (Cyg OB2)
20 30 53	41 04 12	A	* I 3374	4378	S	336	Cyg OB2-12
20 31 20	41 03 01	A	* I 4221	4381	S	336	Cyg-OB2 22
20 31 21	41 03 01	P	* I 3374	4381	S	150	VI Cyg Star Ass (Cyg OB2)
20 31 22	41 04 51	A	* I 3374	4381	S	336	Cyg OB2-9
20 31 23	41 04 50	P	* I 3374	4381	S	150	VI Cyg Star Ass (Cyg OB2)
20 31 27	41 08 31	P	* I 3374	4382	S	150	VI Cyg Star Ass (Cyg OB2)
20 31 27	41 08 33	A	* I 4221	4382	S	336	Cyg OB2-8A
20 31 35	40 58 55	A	* I 4221	4384	S	336	Cyg-OB2 E
20 31 37	40 58 59	P	* I 3374	4384	S	150	VI Cyg Star Ass (Cyg OB2)
20 31 57	41 03 03	F	I 3384		S	277	MR 112
20 33 25	39 43 41	A	I 5995	4387	S	162	
20 33 44	59 35 35	A	* I 422	4388	S	176	
20 33 48	59 58 50	S	I 422		G	99	NGC 6744
20 33 56	60 00 17	A	* I 422	4389	G	92	NGC 6946
20 33 59	40 02 30	F	I 5995		S	277	AS 431
20 34 28	59 56 00	A	* I 10314	4390	SN	57	NGC 6946
20 35 30	60 13 53	A	* I 422	4396	S	176	K star
20 37 35	- 01 02 52	P	* I 3247	4404	S	271	AE Aquarii wht. dw. + pu.
20 38 07	75 25 16	P	I 3365	4406	S	78	VW Cep
20 39 18	60 19 37	P	I 9710	4410	S	287	HR 7925
20 39 54	52 24 32	F	I 7874		S	277	HD 197406
20 41 41	- 31 04 24	S	I 2314		Q	237	
20 42 03	- 31 31 16	P	I 2314	4416	S	53, 8	Au Mic
20 42 04	- 31 31 15	A	I 2314	4416	S	162	Au Mic
20 43 35	30 32 20	S	I 2201		S	210	52 Cygni
20 44 58	30 29 59	F	I 5273		SNR	177	Cygnus Loop
20 44 59	30 29 59	F	I 5273		SNR	69	SAO 089188 in Cyg Loop
20 48 09	29 12 51	A	I 5272	4425	S	69	SAO 089188 in Cyg Loop
20 48 59	29 29 59	F	I 5272		SNR	69	Cygnus Loop
20 49 15	30 51 30	S	I 3783		SNR	210	Cygnus (center position)
20 54 49	44 43 53	P	I 3054	4432	S	312	HD 199579
20 59 30	50 09 44	F	I 4513		S	343	
21 00 17	27 36 39	P	I 8343	4438	CV	341, 340	ER Vul
21 04 50	38 31 31	A	I 3116	4446	S	185	Gliese-Wolley #820A
21 04 50	38 31 35	A	I 3116	4446	S	336	61 Cyg

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
21 04 51	38 31 07	A	I 3116	4446	S	185	Gliese-Wolley #820B
21 04 52	38 31 18	P	I 3116	4446	S	12	61 Cyg
21 07 48	- 68 01 51	S	I 30		S	132	
21 09 25	- 68 07 24	S	I 30		S	132	
21 09 55	- 68 13 34	A	I 30	4450	G	132	Elliptical
21 09 59	- 67 59 59	F	I 30			222	deep survey field PAV
21 10 13	- 68 01 12	A	I 30	4452		132	
21 10 28	- 68 01 26	A	I 30	4452	Q	132	
21 11 18	- 67 58 50	S	I 30		Q	132	
21 11 20	- 68 06 33	A	I 30	4453	Q	132	
21 11 35	- 67 47 53	A	I 30	4454	Q	132	
21 12 12	- 68 04 36	A	I 30	4457		132	
21 12 13	- 68 03 35	A	I 30	4457		132	
21 15 03	60 27 11	A	I 6330	4462	SY	176	
21 17 35	- 11 00 42	P	I 7329	4465	S	355	RY Aqr
21 19 23	62 18 49	S	I 2242		S	162	HD 203600
21 20 26	16 51 46	S	I 504		Q	323	3CR 432
21 21 14	05 22 19	P	I 2064	4470	Q	208	OX036
21 21 30	24 51 45	A	I 5712	4472	G	95	3CR Radio Galaxy
21 24 49	- 14 59 39	A	I 528	4475	AGN	127	
21 25 54	- 14 56 40	A	I 528	4478	AGN	127	
21 26 26	- 15 51 46	P	I 5280	4479	Q	370	PKS 2126-150
21 28 00	70 21 00	P	* I 7903	4480	S	4	Beta Cep
21 28 22	03 49 00	A	I 7799	4481	CLG	334	A2349
21 28 53	- 12 20 08	P	I 8413	4484	Q	366	
21 29 37	47 04 19	P	I 6757	4485		251	X-binary 4U2129+47
21 30 01	09 54 36	A	* I 1971	4486	Q	324	II ZW 136
21 30 02	09 55 06	P	* I 1972	4486	Q	360	
21 31 35	- 02 06 09	P	I 7489	4488	BL	231	
21 32 42	01 10 43	P	I 7800	4491	CLG	333	A2355
21 32 43	01 11 01	A	I 7800	4491	CLG	334	A2355
21 33 05	- 00 04 59	A	I 7802	4492	CLG	334	A2356
21 33 10	- 00 04 17	P	I 7802	4492	CLG	333	A2356
21 34 01	00 17 52	A	I 543	4494	S	127	
21 34 06	00 28 31	P	* I 543	4495	Q	368	radio-loud quasar
21 35 01	- 14 46 19	P	* I 5426	4497	Q	360	
21 35 01	- 14 46 22	P	* I 531	4497	Q	370	PHL 1657
21 35 02	- 14 46 19	P	* I 531	4497	Q	366	OX-158
21 37 03	- 16 14 00	P	I 3229	4504	CV	340	AD Cap
21 37 24	57 15 44	A	* I 1012	4506	S	336, 325	8.5 magnitude survey, HR 8281
21 37 26	57 15 16	A	* I 3055	4506	S	176	SAO 33626
21 37 27	57 15 28	P	* I 3055	4506	S	312	HD 206267
21 38 47	57 21 14	A	* I 1012	4507	S	325	8.5 magnitude survey
21 38 47	57 21 15	A	* I 1012	4507	S	336	HD 206482
21 40 44	43 21 22	A	I 947	4511	S	336	SS Cyg
21 40 44	43 21 29	P	I 947	4511	S	90	SS Cyg OGS observation
21 41 12	17 29 31	P	* I 4647	4512	Q	366	OX-169
21 41 12	17 29 35	P	* I 4647	4512	Q	368	radio-loud quasar
21 41 13	17 29 49	A	* I 4445	4512	Q	322	Ox 169
21 41 13	17 30 03	P	* I 4445	4512	Q	370	OX 169
21 41 36	03 59 30	A	I 3958	4515	AGN	227	
21 41 36	03 59 37	A	I 3958	4515	Q	283	
21 41 36	04 00 39	A	I 3958	4515		316	
21 41 51	04 02 40	A	I 3958	4517	Q	237	
21 42 07	14 32 39	P	I 7605	4518	S	232	W9751
21 42 26	- 20 13 40	S	I 7803		CLG	334	A2372
21 44 53	- 20 12 28	A	I 7803	4528	CLG	334	A2378
21 45 36	06 43 51	P	I 5130	4530	Q	192	PKS 2145+067
21 49 34	- 19 48 06	A	I 7805	4534	CLG	334	A2384
21 49 35	- 19 46 47	A	I 7805	4534	CLG	331	A 2384
21 51 13	17 27 19	A	I 9125	4537	CLG	334	A2390
21 53 47	37 46 18	A	I 2695	4540	G	112	438 a 3CR galaxy
21 54 59	03 55 09	S	I 3959		S	336, 325	8.5 magnitude survey, HD 208632
21 55 58	- 30 27 53	P	* I 5201	4544	BL	231	
21 58 27	72 56 27	P	I 9711	4546	S	287	HR 8400
21 59 23	- 10 08 59	F	I 131		CLG	190	A2410
21 59 30	- 57 14 22	A	I 5652	4552	AGN	127	
22 00 40	42 02 18	P	I 5693	4558	BL	231	
22 01 03	17 11 00	P	I 7483	4559	BL	231	
22 01 03	31 31 20	P	* I 3976	4561	Q	164, 366	4C 31.63

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
22 01 46	04 25 35	P	I 553	4563	BL	231	
22 02 22	64 23 17	S	I 4899		S	62	HD 209791, SAO HD 209791
22 02 56	46 59 24	P	I 3230	4567	CV	340	HK Lac
22 03 03	- 05 50 19	P	I 130	4568	CLG	190, 315	A2415
22 04 03	- 40 59 15	A	I 3722	4570		227	
22 04 03	- 40 59 17	A	I 3722	4570		316	
22 04 05	47 19 44	S	I 3230		S	283	DMe star pav
22 04 26	46 50 04	S	I 3230		Q	283	narrow line QSO
22 04 32	- 40 51 05	S	I 3722		Q	370	
22 06 10	- 47 24 35	P	* I 2236	4571	AGN	146	NGC 7213
22 06 40	45 29 58	P	* I 5011	4573	S	342	AR Lac, RS CVn binary
22 06 59	- 04 54 26	A	I 7612	4574	S	186	Gliese/WEPP 849
22 07 45	32 55 55	F	I 9029		CV	340	Pi Peg
22 09 30	18 26 40	A	I 8438	4579	Q	324	
22 09 48	59 09 41	P	I 5072	4581	S	63	Lambda Cep
22 10 28	12 49 45	S	I 2279		CLG	2	A2424
22 11 34	12 27 03	P	I 2279	4584	CV	18	RU Peg
22 13 47	55 22 00	F	I 4558		S	277	HD 211654
22 14 46	13 59 23	P	* I 2616	4585	SY	199	MKN 304
22 14 47	13 58 52	A	* I 2616	4585	Q	324	Mkn 304
22 15 11	- 03 47 50	A	I 2068	4587	AGN, Q	65, 237	
22 15 19	- 08 36 13	A	I 3653	4588	S	272	
22 16 16	- 03 50 51	P	I 2068	4590	Q	208	
22 16 48	- 04 18 52	S	I 2068		Q	237	
22 17 39	08 43 56	A	I 3042	4594	Q	154	Z=0.2282
22 17 42	08 45 24	A	I 3042	4594	Q	154	Z=0.6227 + cluster
22 21 11	- 01 55 00	A	I 129	4596	CLG	2	A2440
22 21 29	- 05 04 16	P	I 4646	4598	S	130	51 Agr
22 23 11	- 05 12 17	A	* I 519	4603	Q	322	3C 446
22 23 11	- 05 12 25	P	* I 519	4603	Q	370, 231	3C 446
22 23 14	21 02 52	P	I 5131	4604	Q	192	PKS 2223+210
22 23 39	- 05 17 23	A	I 4646	4607	AGN	227, 316	
22 25 23	55 59 53	F	I 10061		S	277	HD 213049
22 26 10	57 26 38	A	I 3117	4613	S	336	DO Cep
22 26 11	57 26 34	A	I 3117	4613	S	185	Gliese-Wolley #860B
22 26 11	57 26 37	A	I 3117	4613	S	185	Gliese-Wolley #860A
22 28 02	48 37 03	A	I 3231	4617	S	283	dMe star
22 28 02	49 05 54	P	I 3231	4618	CV	340	HR 8575
22 29 07	39 06 09	A	I 3916	4620	G	95	3CR Radio Galaxy
22 29 07	39 06 10	A	I 3916	4620	G	256	radio-jet galaxy
22 30 06	11 28 23	P	I 4042	4622	Q	370, 164	CTA 102
22 31 48	56 22 23	A	I 1319	4624	S	176	SAO 34574
22 32 44	56 31 28	F	I 1319		S	277	CQ Cep
22 33 40	13 28 06	A	I 5386	4626	Q	324	
22 33 41	33 42 06	A	I 7827	4627	GLB	13	A319
22 33 54	- 14 48 57	A	I 3902	4628	BL	221	
22 35 51	- 15 34 12	P	* I 3118	4631	S	8	L789-6
22 43 45	39 28 12	S	I 2681		G	112	452, a 3CR galaxy
22 50 35	16 34 31	P	I 3233	4642	CV	340	HR 8703
22 51 22	37 40 25	P	I 4990	4644	S	78	SW Lac
22 51 25	- 17 50 55	P	I 2074	4645	Q	147	MR 2251-178
22 51 26	- 17 50 56	P	I 2074	4645	Q	208, 366	MR
22 51 30	15 52 55	A	* I 492	4646	Q	323	3CR 454.3
22 51 31	15 53 09	P	* I 3908	4646	BL	231	
22 53 21	41 46 22	A	I 5144	4650		47	serendipitous source
22 53 38	- 31 49 55	A	I 2318	4651	S	162	HD 216803
22 53 39	- 31 49 52	P	I 2318	4651	S	53	HD 216803
22 54 12	07 11 53	A	* I 3074	4656		229	
22 54 23	- 36 43 58	P	I 6674	4658	G	119	IC 1459
22 54 44	02 27 24	P	I 4024	4661	Q	370	PKS 2254+024
22 54 46	07 27 06	P	* I 3074	4662	BL	229	OY 091
22 54 48	07 26 58	P	* I 3074	4662	BL	229	OY 091
22 55 00	62 30 00	S	I 8490			102	Cep OB3 association
22 55 06	41 38 32	P	I 5144	4667	Q	47	4C 41.45
22 59 02	58 36 38	A	* I 4542	4673	P, SNR	131, 108	GF2259+586, X-ray pulsar
22 59 03	58 36 38	A	* I 8102	4673	P	107	in SNR G109.1-1.0
22 59 05	58 36 52	P	* I 8102	4673	P	107	in SNR G109.1-1.0
22 59 30	- 22 17 36	S	I 1873		CLG	2	A2521
22 59 58	- 18 48 39	S	I 1975		S	162	HD 217684
23 01 36	22 21 11	P	I 2617	4677	SY	199	MKN 315

Table I.2 Published Identifications

RA (1950)	DEC (1950)	P CODE	SEQ NUM	CAT NUM	ID	REF NUM	COMMENTS
23 04 40	25 11 51	P	I 4233	4682	S	286	56 Peg = HD 218356
23 04 40	25 11 52	A	I 4233	4682	S	162	56 Peg
23 04 59	- 22 59 20	A	* I 4292	4683	AGN	306	1E 2304.9-2259
23 07 39	47 41 13	A	I 2320	4687	S	162	
23 07 39	47 41 20	P	I 2320	4687	S	53	HD 218738
23 07 40	47 41 18	A	I 2320	4687	S	162	HD 218738
23 10 51	02 24 14	P	I 3234	4697	CV	340	SZ Psc
23 11 14	- 42 59 27	A	* I 1874	4699	CLG	68	
23 13 20	61 35 35	A	I 4585	4703	S	162	
23 13 24	06 25 00	S	I 8364		G	59	N7562
23 13 25	- 42 51 09	A, P	* I 1874	4704	G	68, 275	NGC 7552
23 13 25	- 42 51 29	P	* I 3066	4704	G	226	NGC 7552
23 13 27	- 42 51 16	P	* I 3066	4704	G	226	NGC 7552
23 15 32	- 42 38 29	A	* I 1874	4706	G	68	
23 15 37	- 42 38 33	P	* I 3066	4706	G	226	NGC 7582
23 15 39	- 42 38 32	P	* I 3066	4706	G	226	NGC 7582
23 16 19	- 42 23 20	P	* I 3066	4709	G	226	NGC 7590
23 16 21	- 42 23 11	P	* I 3066	4709	G	226	NGC 7590
23 16 23	- 42 22 58	A	* I 6385	4709	CLG	127	PKS 2316-423
23 16 57	08 00 14	S	I 2598			58	Pegasus source
23 17 03	07 26 41	A	I 2598	4714		58	Pegasus source
23 17 42	07 55 31	A	I 2598	4717	G	58	NGC 7619
23 17 43	07 45 46	F	I 2598		CLG	58	Pegasus
23 18 11	07 56 05	S	I 2598		G	58	NGC 7626
23 18 15	- 42 19 59	A	I 6385	4719	AGN	127	
23 18 46	- 23 28 49	A	I 1875	4720	CLG	2	A2580
23 21 10	58 32 47	F, P	I 712	4724	SNR	263, 100	Cas A
23 21 59	14 21 59	F	I 6134		CLG	190, 315	A2593
23 29 20	19 39 48	P	* I 933	4733	S	8	EQ Peg
23 29 21	19 39 41	A	* I 933	4733	S	336	EQ Peg A/B
23 30 18	- 38 05 33	P	I 4892	4734	S	62, 130	SAO 214615, beta Sci
23 31 39	48 34 30	A	I 2291	4735		176	
23 32 27	01 19 10	A	I 4043	4737	S	186	Gliese/WEPP 900
23 33 41	01 52 33	S	I 4043		G	353	NGC 7714
23 33 56	20 23 20	S	I 156		S	336, 325	8.5 magnitude survey, HD 221972
23 33 59	20 52 10	P	* I 201	4739	CLG	190, 315	A2626
23 35 06	46 11 00	P	I 3235	4740	CV	340	Lambda And
23 35 06	46 11 13	F	I 3235		S	343	
23 35 15	03 05 13	A	* I 3076	4741	S	229	SAO 128293
23 35 20	45 55 22	A	I 3235	4742	S	283	SAO 53210
23 37 26	05 21 36	P	I 5666	4749	S	232	W904
23 37 47	- 11 59 57	S	I 1915		CLG	2	A2638
23 38 42	- 09 17 59	P	I 6852	4752	CLG	304	A2852
23 42 24	08 55 22	P	I 290	4758	CLG	190, 315	A2657
23 44 05	09 13 36	A	I 538	4761	Q	324	PKS
23 44 05	09 14 16	P	I 538	4761	Q	370	4C 09.74
23 44 53	18 28 18	S	I 1981		Q	237	
23 45 26	- 16 47 52	P	* I 2076	4762	Q	208	
23 45 28	- 16 47 47	P	* I 2076	4762	Q	208	
23 48 29	26 52 36	P	I 294	4772	CLG	189	A2666
23 48 40	19 56 55	A	I 6367	4773	AGN	127	S(6cm)=2.2 mJy
23 49 51	75 16 17	A	* I 7356	4782	S	186	Gliese/WEPP 909B
23 49 57	19 51 10	A	I 6367	4784	S	127	
23 51 38	- 10 41 44	P	I 314	4788	CLG	190, 315	A2670
23 52 47	07 16 15	S	I 3167		Q	283	
23 53 20	28 19 03	A	I 3236	4791	Q	283	4C 28.59
23 53 59	07 14 07	A	* I 3167	4794	Q	283	
23 54 59	47 09 29	F	I 4618		G	51	radio G. in non-Abell cl.
23 55 18	- 32 53 38	P	I 2146	4796	G	338	NGC 7793
23 56 44	06 35 21	P	I 5669	4801	S	287	HR 9072
23 57 06	- 34 51 53	A	I 4268	4803	Q	322	
23 57 07	- 34 51 57	P	I 4268	4803	Q	370	

Table I.3 Reference List

- 1 Abramopoulos F., Chanan G.A., Ku W.H.-M., "On the Equilibrium Distribution of the Elements in the Gas in the Coma Cluster.", *Astrophysical Journal*, 248; 429, 1981.
- 2 Abramopoulos F., Ku W.H.-M., "X-Ray Survey of Clusters of Galaxies with the Einstein Observatory.", *Astrophysical Journal*, 271; 446, 1983.
- 3 Agrawal P.C., Singh K.P., "X-Rays From a Peculiar Nucleus Galaxy NGC 2196.", *Astronomy and Astrophysics*, 113; 73, 1982.
- 4 Agrawal P.C., Riegler G.R., Singh K.P., Stern R.A., "An X-Ray Survey of Beta Cephei Stars.", *MNRAS*, 208; 845, 1984.
- 5 Agrawal P.C., Rao A.R., Sreekantan B.V., "Quiescent State X-Ray Emission from Flare Stars.", "X-Ray Astronomy '84," eds. M. Oda, R. Giacconi (Inst. Space and Astronautical Sciences, Tokyo), 51, 1985.
- 6 Agrawal P.C., Rao A.R., Sreekantan B.V., "Study of quiescent state X-Ray emission from flare stars", *MNRAS*, 219; 225, 1986.
- 7 Allen D.A., "X-Ray Observations of Symbiotic Stars.", *MNRAS*, 197; 739, 1981.
- 8 Ambruster C.W., Golub L., Sciortino S., "Rapid, Low Level X-Ray Variability in Active, Late-type Dwarfs.", *Astrophysical Journal (Supplement)*, 65; 273, 1987.
- 9 Anderson C.M., Cassinelli J.P., Sanders W.T., "X-Ray Detection of the Symbiotic Star AG Draconis.", *Astrophysical Journal (Letters)*, 247; L127, 1981.
- 10 Arnaud K.A., Eales S.A., Fabian A.C., Forman W.R., Jones C., "The Intracluster Gas around Cygnus-A.", *MNRAS*, 211; 981, 1985.
- 11 Aschenbach B., Bork T., Brinkmann W., Hasinger G., Langmeier A., "The X-Ray Structure of the Crab Nebula.", "X-Ray Astronomy '84," eds. M. Oda, R. Giacconi (Inst. Space and Astronautical Sciences, Tokyo), 302, 1985.
- 12 Ayres T.R., Linsky J.L., Rosner R., Vaiana G.S., "The Cool Half of the H-R Diagram in Soft X-Rays.", *Astrophysical Journal*, 250; 293, 1981.
- 13 Bahcall N.A., Harris D.E., Rood H.J., "X-Ray Emission from Stephan's Quintet and Other Compact Groups.", *Astrophysical Journal (Letters)*, 284; L29, 1984.
- 14 Bechtold J., Forman W.R., Giacconi R., Jones C., Schwarz J., Tucker W.H., Van Speybroeck L.P., "The X-Ray Morphology of Abell 1367.", *Astrophysical Journal*, 265; 26, 1983.
- 15 Bechtold J., "The X-Ray - Ultraviolet Excess of PG 1211+143.", *Proceedings Workshop "Continuum Emission in Active Galactic Nuclei"*, Tucson, Arizona, ed. M.L, 58, 1986.
- 16 Becker R.H., Marshall F.E., "An X-Ray Survey of Nine Historical Novae.", *Astrophysical Journal (Letters)*, 244; L93, 1981.
- 17 Becker R.H., Szymkowiak A.E., "High Resolution X-Ray and Radio Images of the Crab-Like Supernova Remnant G21.5-0.9.", *Astrophysical Journal (Letters)*, 248; L23, 1981.
- 18 Becker R.H., "X-Ray Observations of Cataclysmic Variables.", *Astrophysical Journal*, 251; 626, 1981.
- 19 Becker R.H., Helfand D.J., Szymkowiak A.E., "An X-Ray Study of Two Crablike Supernova Remnants: 3C 58 and CTB 80.", *Astrophysical Journal*, 255; 557, 1982.
- 20 Becker R.H., Chanan G.A., Pravdo S.H., Wilson A.S., "X-Ray and Optical Measurements of the Cataclysmic Variable CH UMa.", *MNRAS*, 201; 265, 1982.
- 21 Becker R.H., Helfand D.J., Szymkowiak A.E., "G29.7-0.3: Another Supernova Remnant with an Identity Crisis.", *Astrophysical Journal (Letters)*, 268; L93, 1983.
- 22 Becker R.H., Helfand D.J., "High Resolution X-Ray and Radio Maps of the Milli-second Pulsar.", *Nature*, 302; 688, 1983.
- 23 Becker R.H., Helfand D.J., "New Radio Observations of the Composite SNR G29.7-0.3.", *Astrophysical Journal*, 283; 154, 1984.

TABLE I.3 Reference List (cont.)

- 24 Becker R.H., Donahue M.E., Markert T.H., "Radio and X-Ray Observations of G11.2-0.3 and G41.1-0.3.", *Astrophysical Journal*, 296; 461, 1985.
- 25 Becker R.H., Helfand D.J., "High-Resolution Radio Observations of the Supernova Remnant G24.7+0.6 and the Discovery of an Ultracompact H II Region.", *Astrophysical Journal*, v. 316, p. 660., 1987.
- 26 Beuermann K., Patterson J.O., Stella L., "Einstein Observations of EF Eridani (2A 0311-227), The Textbook Example of AM Herculis-Type Systems.", *Astrophysical Journal*, 316; 360., 1987.
- 27 Biermann P., Duerbeck H., Eckart A., Fricke K., Johnston K.J., Kuhr H., Liebert J.W., Pauliny-Toth I.I.K., Schleicher H., Stockman H.S., Strittmatter P.A., Witzel A., "Observations of Six Flat Spectrum Sources from the 5 GHz Survey", *Astrophysical Journal (Letters)*, 247; L53, 1981.
- 28 Biermann P., Kronberg P.P., Preuss E., Schilizzi R.T., Shaffer D.A., "VLBI and X-Ray Observations of Compact Nuclei in Pairs of Galaxies.", *Astrophysical Journal (Letters)*, 250; L49, 1981.
- 29 Biermann P., Fricke K., Johnston K.J., Kuhr H., Pauliny-Toth I.I.K., Strittmatter P.A., Urbanik M., Witzel A., "Large Scale X-Ray and Radio Structures Associated with Compact Extragalactic Sources.", *Astrophysical Journal (Letters)*, 252; L1, 1982.
- 30 Biermann P., Kronberg P.P., Madore B.F., "The Detection of Hot Intergalactic Gas in the NGC 3607 Group of Galaxies with the Einstein Satellite.", *Astrophysical Journal (Letters)*, 256; L37, 1982.
- 31 Biermann P., Kronberg P.P., "Detection of Ten Billion Solar Masses of Hot Gas in the Normal Elliptical Galaxy NGC5846 with the Einstein Satellite.", *Astrophysical Journal (Letters)*, 268; L69, 1983.
- 32 Biermann P., Bartel N., Strom R., "NGC 6212: an elliptical galaxy with a highly active nucleus.", *Astronomy and Astrophysics*, 147; L27, 1985.
- 33 Biermann P., Kuhr H., Lamb D.Q., Liebert J.W., Schmidt G.D., Stockman H.S., Strittmatter P.A., Tapia S., West S., "The New Eclipsing Magnetic Binary System E1114+182.", *Astrophysical Journal*, 293; 303, 1985.
- 34 Bignami G.F., Caraveo P.A., Lamb R.C., Markert T.H., Paul J.A., "Einstein X-Ray Identifications of the Variable Radio Star LSI +61 303.", *Astrophysical Journal (Letters)*, 247; L85, 1981.
- 35 Bignami G.F., Caraveo P.A., Lamb R.C., "An Identification for "Geminga" (2CG 195+04) 1E0630+178, A Unique Object in the Error Box of the High-Energy Gamma-Ray Source.", *Astrophysical Journal (Letters)*, 272; L9, 1983.
- 36 Bignami G.F., Caraveo P.A., Goldwurm A., Mereghetti S., Palumbo G.G.C., "Exosat and Einstein X-Ray Observations of the SNR 1E1149.4-6209 in Crux a Unified Picture?", *Astrophysical Journal*, 302; 606, 1986.
- 37 Bignami G.F., Caraveo P.A., Paul J.A., Salotti L., Vigroux L., "A Deep Optical Study of the Field of 1E 0630+178.", *Astrophysical Journal*, v. 319, p. 358, 1987.
- 38 Blumenthal G.R., Keel W.C., Miller J.S., "X-Ray, Optical, and Radio Properties of Quasars.", *Astrophysical Journal*, 257; 499, 1982.
- 39 Bode M.F., Evans A., Norwell G.A., Priedhorsky W.C., "Search for Scattered X-Ray Halos around Variable Sources: the X-Ray Halo of Cygnus X-1.", *Astrophysical Journal*, 299; 845, 1985.
- 40 Boynton P.E., Murray S.S., Radford S.J.E., Schommer R.A., "X-Ray Observations of Abell 2218 and Implications for the Sunyaev-Zel'dovich Effect.", *Astrophysical Journal*, 257; 473, 1982.
- 41 Branduardi-Raymont G., Branduardi G., Fabricant D.G., Feigelson E.D., Gorenstein P., Grindlay J.E., Soltan A., Zamorani G., "Soft X-Ray Images of the Central Region of the Perseus Cluster.", *Astrophysical Journal*, 248; 55, 1981.
- 42 Bregman J.N., Aller H.D., Aller M.F., Glassgold A.E., Hodge P.E., Huggins P.J., Lebofsky M.J., Rieke G.H., "Multifrequency Observations of the Red QSO 1413+135.", *Nature*, 293; 714, 1981.
- 43 Bregman J.N., Aller H.D., Aller M.F., Balonek T.J., Brand P.W.J.L., Dent W.A., Glassgold A.E., Hodge P.E., Huggins P.J., Ku W.H.-M., LeVan P.D., Neugebauer G., Pica A.J., Pollock J.T., Rudy R.J., Smith A.G., Webb J.R., Williams P.M., "Simultaneous Observations of the BL Lacertae Object I Zw 187.", *Astrophysical Journal*, 253; 19, 1982.

TABLE I.3 Reference List (cont.)

- 44 Bregman J.N., Glassgold A.E., "X-Ray Observations to Detect Hot Coronae Around Galaxies.", *Astrophysical Journal*, 263; 564-570, 1982.
- 45 Bregman J.N., Aller H.D., Aller M.F., Balonek T.J., Dent W.A., Glassgold A.E., Hodge P.E., Huggins P.J., Ku W.H.-M., LeVan P.D., Leacock R.J., Lebofsky M.J., Miller J.S., Pica A.J., Pollock J.T., Rieke G.H., Rudy R.J., Schwartz D.A., "Multifrequency Observations of the BL Lac Object 0735+178.", *Astrophysical Journal*, 276; 454, 1984.
- 46 Bregman J.N., "X-Ray Observations of Broad Absorption-Line Quasars.", *Astrophysical Journal*, 276; 423, 1984.
- 47 Bregman J.N., Glassgold A.E., Huggins P.J., Kinney A.L., "X-Ray Emission from Red Quasars.", *Astrophysical Journal*, 291; 505, 1985.
- 48 Bregman J.N., Aller H.D., Aller M.F., Balonek T.J., Barvainis R.E., Dent W.A., Elias J., Glassgold A.E., Hackwell J.A., Hodge P.E., Huggins P.J., Impey C.D., Ku W.H.-M., Leacock R.J., Lebofsky M.J., Lester D.F., Matthews K., Neugebauer G., "Multi-Frequency Observations of the Superluminal Quasar 3C 345.", *Astrophysical Journal*, 301; 708, 1986.
- 49 Brinkmann W., Aschenbach B., Langmeier A., "X-Ray Morphology of Crab Nebula.", *Nature*, 313; 662, 1985.
- 50 Bruhweiler F.C., Gull T.R., Klinglesmith III D.A., Sofia S., "Deep Einstein X-Ray Imagery of the Small Magellanic Cloud.", *Astrophysical Journal*, v. 317, p. 152, 1987.
- 51 Burns J.O., Gregory S.A., Holman G.D., "X-Ray Emission Around Radio Galaxies in Non-Abell Clusters: A Possible Physical Link Between Environment and Nonthermal Radio Emission.", *Astrophysical Journal*, 250; 450, 1981.
- 52 Burns J.O., Balonek T.J., "The Curvature of Radio Jets and Tails in the Intra-cluster Media of Abel 1446 and 2220.", *Astrophysical Journal*, 263; 546-556, 1982.
- 53 Caillault J.-P., "Einstein Observations of BY Draconis Variables and RS CVn Binaries.", *Astronomical Journal*, 87; 558, 1982.
- 54 Caillault J.-P., Helfand D.J., "The Einstein Soft X-Ray Survey of the Pleiades.", *Astrophysical Journal*, 289; 279, 1985.
- 55 Caillault J.-P., Helfand D.J., Nousek J.A., Takalo L.O., "X-Ray Selected M-Dwarfs and the Diffuse X-Ray Background.", *Astrophysical Journal*, 304; 318, 1986.
- 56 Canizares C.R., Berg C.J., Clark G.W., Jernigan J.G., Kriss G.A., Markert T.H., Schattenburg M.L., Winkler, Jr. P.F., "High Resolution X-Ray Spectroscopy of the Gas Surrounding M87 and NGC1275: Emission Line Detection and Evidence for Radiatively Regulated Accretion.", *Highlights of Astronomy* (D. Reidel, Dordrecht), 5; 657, 1980.
- 57 Canizares C.R., Feigelson E.D., Kriss G.A., "Detection of X-Rays During the Outburst of Supernova 1980k.", *Astrophysical Journal (Letters)*, 253; L17, 1982.
- 58 Canizares C.R., Donahue M.E., McGlynn T.A., Stewart G.C., Trinchieri G., "X-Ray Studies of Galactic and Intergalactic Gas in the Pegasus I Cluster.", *Astrophysical Journal*, 304; 312, 1986.
- 59 Canizares C.R., Fabbiano G., Trinchieri G., "Properties of the Hot X-Ray Emitting Gas in Early Type Galaxies.", *Astrophysical Journal*, 312; 503, 1987.
- 60 Cash W., Snow, Jr. T.P., "HR976 and 4C34.13: An X-Ray Odd Couple.", *Astronomy and Astrophysics*, 91; L7, 1980.
- 61 Cash W., Charles P.A., Johnson H.M., "The Coronae of 40 Eridani.", *Astrophysical Journal (Letters)*, 239; L23, 1980.
- 62 Cash W., Snow, Jr. T.P., "A Study of X-Ray Emission from Ap and Am Stars.", *Astrophysical Journal (Letters)*, 263; L59-L62, 1982.
- 63 Cassinelli J.P., Harnden, Jr. F.R., Rosner R., Sanders W.T., Vaiana G.S., Waldron W.L., "X-Ray Emission from Of Stars and OB Supergiants.", *Astrophysical Journal*, 250; 677, 1981.
- 64 Cassinelli J.P., Dupree A.K., Hartmann L., Myers R.V., Sanders W.T., "Simultaneous X-Ray and Ultraviolet Observations of Epsilon Ori and Kappa Ori.", *Astrophysical Journal*, 268; 205, 1983.

TABLE I.3 Reference List (cont.)

- 65 Chanan G.A., Downes R.A., Margon B., "Optical Identification of Serendipitous Einstein Sources.", *Astrophysical Journal (Letters)*, 243; L5, 1981.
- 66 Chanan G.A., Chance D., Downes A., Downes R.A., Helfand D.J., Margon B., "Two X-Ray Selected BL Lacertae Candidates.", *Astrophysical Journal (Letters)*, 261; L31, 1982.
- 67 Chanan G.A., Abramopoulos F., "The Radial X-Ray Brightness Profile of the Coma Cluster", *Astrophysical Journal*, 287; 89, 1984.
- 68 Charles P.A., Phillips M.M., "Einstein Observations of the Confused 2A 2315-428 Region.", *MNRAS*, 200; 263, 1982.
- 69 Charles P.A., Kahn S.M., McKee C.F., "Einstein Observations of Selected Regions of the Cygnus Loop.", *Astrophysical Journal*, 295; 456, 1985.
- 70 Cheng A., Helfand D.J., "X-Rays from Radio Pulsars: The Detection of PSR 1055-52.", *Astrophysical Journal*, 271; 271, 1983.
- 71 Chlebowski T., Halpern J.P., Steiner J.E., "Discovery of a New X-Ray Emitting Dwarf Nova 1E 0643.0-1648.", *Astrophysical Journal (Letters)*, 247; L35, 1981.
- 72 Chlebowski T., Seward F.D., Swank J.H., Szymkowiak A.E., "X-Rays from Eta Carinae", *Astrophysical Journal*, 281; 665, 1984.
- 73 Cordova F.A., Mason K.O., "A Soft X-Ray Halo Around SU UMa.", *Nature*, 287; 25, 1980.
- 74 Cordova F.A., Mason K.O., Nelson J.E., "X-Ray Observations of Selected Cataclysmic Variable Stars Using the Einstein Observatory.", *Astrophysical Journal*, 245; 609, 1981.
- 75 Cordova F.A., Mason K.O., "X-Ray Observations of a Large Sample of Cataclysmic Variable Stars Using the Einstein X-Ray Observatory.", *MNRAS*, 206; 879, 1984.
- 76 Cowley A.P., Charles P.A., Crampton D., Hamilton T.T., Helfand D.J., Hutchings J.B., Thorstensen J.R., "Optical Counterparts for LMC X-Ray Point Sources.", *Astrophysical Journal*, 286; 196, 1984.
- 77 Cristiani S., Tarengi M., "A New X-Ray Emitting Seyfert I Galaxy.", *Astronomy and Astrophysics*, 132; 351, 1984.
- 78 Cruddace R.G., Dupree A.K., "Contact Binary Stars. I: An X-Ray Survey.", *Astrophysical Journal*, 277; 263, 1984.
- 79 Downes A., "Observations of the Remnants of 3 Historical Supernovae.", *MNRAS*, 210; 845, 1984.
- 80 Doxsey R., Bradt H., McClintock J.E., Petro L.D., Remillard R.A., Ricker G.R., Schwartz D.A., Wood K., "H0232+022: A Puzzling High-Latitude X-Ray/ Optical/Radio Source.", *Astrophysical Journal (Letters)*, 264; L43, 1983.
- 81 Drechsel H., Rahe J., Seward F.D., Wang Z.R., Wargau W., "The X-Ray Emission of the Old Nova V603 Aquilae (1918).", *Astronomy and Astrophysics*, 126; 357, 1983.
- 82 Dressel L.L., Wilson A.S., "X-Ray Emission from E and S0 Galaxies with Compact Nuclear Radio Sources.", *Astrophysical Journal*, 291; 668, 1985.
- 83 Eales S.A., Arnaud K.A., "The X-Ray Properties of Two Galaxies with High Far-infrared Luminosities: Arp 220 and Markarian 231.", *Astrophysical Journal*, 324, 193-197, 1988.
- 84 Elvis M., Davis M.M., Huchra J.P., Schreier E.J., Tonry J., "Two Optically Dull Galaxies with Strong Nuclear X-Ray Sources.", *Astrophysical Journal*, 246; 20, 1981.
- 85 Elvis M., Van Speybroeck L.P., "The Nuclear X-Ray Source in M81.", *Astrophysical Journal (Letters)*, 257; L51, 1982.
- 86 Elvis M., Briel U.G., Henry J.P., "Extended Soft X-Ray Emission from NGC 4151.", *Astrophysical Journal*, 268; 105, 1983.
- 87 Elvis M., Fabbiano G., "X-Ray and UV Spectra of Two Quasars: PKS0637-5 and PKS1004+3 (4C13.41).", *Advances in Space Research*, "Achievements in Space Astrophysics", Vol. 2 No. 9; 205-208, 1983.
- 88 Elvis M., Fabbiano G., "X-Ray and UV Observation of Two Radio-Bright Quasars.", *Astrophysical Journal*, 280; 91, 1984.
- 89 Elvis M., Bechtold J., Fabbiano G., Green R.F., Matthews K., Neugebauer G., Schmidt M., Soifer B.T., "X-Ray Spectra of PG Quasars. I. The Continuum from X-Rays to Infrared.", *Astrophysical Journal*, 310; 291, 1986.

TABLE I.3 Reference List (cont.)

- 90 Fabbiano G., Branduardi G., Branduardi-Raymont G., Hartmann L., Raymond J.C., Steiner J.E., "Coordinated X-Ray, Ultraviolet and Optical Observations of AM Her, U Gem, and SS Cyg.", *Astrophysical Journal*, 243; 911, 1981.
- 91 Fabbiano G., "X-Ray Observations of AM Herculis in Its Low State.", *Astrophysical Journal*, 262; 709, 1982.
- 92 Fabbiano G., Feigelson E.D., Zamorani G., "X-Ray Observations of Peculiar Galaxies with the Einstein Observatory.", *Astrophysical Journal*, 256; 397., 1982.
- 93 Fabbiano G., Trinchieri G., "X-Ray Observations of the Antennae (NGC 4038/39).", *Astrophysical Journal (Letters)*, 266; L5, 1983.
- 94 Fabbiano G., Panagia N., "X-Ray and Ultraviolet Observations of Extragalactic HII Regions.", *Astrophysical Journal*, 266; 568, 1983.
- 95 Fabbiano G., Elvis M., Longair M.S., Miller L., Trinchieri G., "An X-Ray Survey of a Complete Sample of 3CR Radio Galaxies.", *Astrophysical Journal*, 277; 115, 1984.
- 96 Fabbiano G., Trinchieri G., "The Complex X-Ray Emission of NGC 253.", *Astrophysical Journal*, 286; 491, 1984.
- 97 Fabbiano G., MacDonald A., Trinchieri G., "X-Ray Observations of Spiral Galaxies. I. Integrated Properties.", *Astrophysical Journal*, 284; 65, 1984.
- 98 Fabbiano G., Trinchieri G., Van Speybroeck L.P., "The X-Ray Spectral Properties of the Bulge of M31.", *Astrophysical Journal*, 316; 127, 1987.
- 99 Fabbiano G., Trinchieri G., "X-Ray Observations of Spiral Galaxies II. Images and Spectral Parameters of 13 Galaxies.", *Astrophysical Journal*, 315; 46, 1987.
- 100 Fabian A.C., Fabbiano G., Murray S.S., Pye J.P., Willingale R., "The X-Ray Structure and Mass of the Cassiopeia A Supernova Remnants.", *MNRAS*, 193; 175, 1980.
- 101 Fabian A.C., Cowie L.L., Grindlay J.E., Hu E.M., "The Distribution and Morphology of X-Ray Emitting Gas in the Core of the Perseus Cluster.", *Astrophysical Journal*, 248; 47, 1981.
- 102 Fabian A.C., Stewart G.C., "An X-Ray Emitting Bubble in the Cep OB3 Association.", *MNRAS*, 202; 697, 1983.
- 103 Fabricant D.G., Gorenstein P., Lecar M., "X-Ray Measurements of the Mass of M87.", *Astrophysical Journal*, 241; 552, 1980.
- 104 Fabricant D.G., Gorenstein P., "Further Evidence for M87's Massive, Dark Halo.", *Astrophysical Journal*, 267; 535, 1983.
- 105 Fabricant D.G., Gorenstein P., Rybicki G., "X-Ray Measurements of the Nonspherical Mass Distribution in the Cluster of Galaxies A2256.", *Astrophysical Journal*, 286; 186, 1984.
- 106 Fabricant D.G., Beers T.C., Geller M.J., Gorenstein P., Huchra J.P., Kurtz M.J., "An X-Ray and optical Study of the Cluster of Galaxies A754.", *Astrophysical Journal*, 308; 530, 1986.
- 107 Fahlman G.G., Gregory P.C., "An X-Ray Pulsar in SNR G109.1-1.0.", *Nature*, 293; 202, 1981.
- 108 Fahlman G.G., Gregory P.C., Hickson P., Middleditch J., Richer H.B., "A Possible Optical Counterpart to the X-Ray Pulsar 1E 2259+586.", *Astrophysical Journal (Letters)*, 261; L1, 1982.
- 109 Feigelson E.D., Kriss G.A., "Discovery of Three X-Ray Luminous Pre-Main Sequence Stars.", *Astrophysical Journal (Letters)*, 248; L35, 1981.
- 110 Feigelson E.D., DeCampli W., "Observations of X-Ray Emission from T Tauri Stars.", *Astrophysical Journal (Letters)*, 243; L89, 1981.
- 111 Feigelson E.D., Delvaile J.P., Giacconi R., Grindlay J.E., Lightman A.P., Schreier E.J., "The X-Ray Structure of Centaurus A.", *Astrophysical Journal*, 251; 31, 1981.
- 112 Feigelson E.D., Berg C.J., "X-Ray Observations of 20 3CR Radio Galaxies and Their Environs.", *Astrophysical Journal*, 269; 400, 1983.
- 113 Feigelson E.D., Bradt H., Geldzahler B., Johnston K.J., Madejski G.M., McClintock J.E., Remillard R.A., Romanishin W., Schaefer B.E., Schwartz D.A., Tapia S., Thorstensen J.R., Urry C.M., Wehinger P.A., Wyckoff S., "H0323+022: A New BL Lacertae Object with Extremely Rapid Variability.", *Astrophysical Journal*, 302; 337, 1986.

TABLE I.3 Reference List (cont.)

- 114 Feigelson E.D., Harris D.E., Reid M.J., Schreier E.J., Wood P.A.D., "X-Rays from the Radio Halo of M87.", *Astrophysical Journal*, 312; 101, 1987.
- 115 Feretti L., Gioia I.M., Giovannini G., Gregorini L., Padrielli L., "High Resolution Radio and X-Ray Observations of A 115.", *Astronomy and Astrophysics*, 139; 50, 1984.
- 116 Fleming T.A., Gioia I.M., Maccacaro T.M., "1E1751+7046: A New FK Comae Candidate.", *Astronomical Journal*, 93; 1502, 1987.
- 117 Forman W.R., Fabian A.C., Jones C., Liller W., Schwarz J., "X-Ray Observations of Galaxies in the Virgo Cluster.", *Astrophysical Journal (Letters)*, 234; L27, 1979.
- 118 Forman W.R., Bechtold J., Blair W.P., Giacconi R., Jones C., Van Speybroeck L.P., "Einstein Imaging Observations of Clusters with a Bimodal Mass Distribution.", *Astrophysical Journal (Letters)*, 243; L133, 1981.
- 119 Forman W.R., Jones C., Tucker W.H., "Hot Coronae Around Early Type Galaxies.", *Astrophysical Journal*, 293; 102, 1985.
- 120 Gahm G.F., "X-Ray Observations of T Tauri Stars.", *Astrophysical Journal (Letters)*, 242; L163, 1980.
- 121 Garcia M.R., Baliunas S.L., Doxsey R., Elvis M., Fabbiano G., Koenigsberger G., Patterson J.O., Schwartz D.A., Swank J.H., Watson M.G., "Identification and Properties of the M Giant/X-Ray System HD 154791 = 2A 1704+241.", *Astrophysical Journal*, 267; 291, 1983.
- 122 Garcia M.R., "Spectroscopic Orbits of Symbiotic Stars: Preliminary Results.", *Astronomical Journal*, 91; 1400, 1986.
- 123 Gavazzi G., Trinchieri G., "Radio and X-Ray Observations of the Radio Halo Source in A 1367.", *Astrophysical Journal*, 270; 410, 1983.
- 124 Ghigo F.D., Cohen N.L., Wardle J.F.C., Wyckoff S., "A New Intermediate Seyfert Galaxy: X-Ray, Optical and Radio Properties.", *Astronomical Journal*, 87; 1438, 1982.
- 125 Giacconi R., Bechtold J., Branduardi G., Forman W.R., Henry J.P., Jones C., Kellogg E., Liller W., Marshall H.L., Murray S.S., Pye J.P., Sargent W.L.W., Schreier E.J., Seward F.D., Tananbaum H., Van der Laan H., "A High-Sensitivity X-Ray Survey Using the Einstein Observatory and the Discrete Source Contribution to the Extragalactic X-Ray Background.", *Astrophysical Journal (Letters)*, 234; L1, 1979.
- 126 Gioia I.M., Geller M.J., Huchra J.P., Maccacaro T.M., Steiner J.E., Stocke J.T., "Abell 2069: An X-Ray cluster of Galaxies with Multiple Subcondensations.", *Astrophysical Journal (Letters)*, 255; L17, 1982.
- 127 Gioia I.M., Danziger I.J., Kunth D., Liebert J.W., Lub J., Maccacaro T.M., Schild R.E., Stocke J.T., "The Medium Sensitivity Survey: A New Sample of X-Ray Sources with Optical Identifications and the Revised Extragalactic Log N - Log S.", *Astrophysical Journal*, 283; 495, 1984.
- 128 Gioia I.M., Giommi P., Maccacaro T.M., Schild R.E., Stocke J.T., "New X-Ray and Optical Observations of the X-Ray Discovered QSO-Galaxy Pair 1E0104.2+3153.", *Astrophysical Journal*, 307; 497, 1986.
- 129 Golub L., Harnden, Jr. F.R., Pallavicini R., Rosner R., Vaiana G.S., "Einstein Detection of X-Rays from the Alpha Centauri System.", *Astrophysical Journal*, 253; 242, 1982.
- 130 Golub L., Cash, Jr. W.C., Harnden, Jr. F.R., Maxson C.W., Rosner R., Snow, Jr. T.P., Vaiana G.S., "Einstein Observations of X-Ray Emission from A-Stars.", *Astrophysical Journal*, 271; 264, 1983.
- 131 Gregory P.C., Fahlman G.G., "An Extraordinary New Celestial X-Ray Source.", *Nature*, 287; 805, 1980.
- 132 Griffiths R.E., Batty M.J., Bechtold J., Danziger I.J., Giacconi R., Jauncey D.L., Lub J., MacGillivray H.T., Malin D.F., Murdin P.G., Murray S.S., Peterson B.A., Smith M.G., Ward M., Wright A.E., "The Optical Identification Content of the Einstein Observatory Deep X-Ray Survey of a Region in Pavo.", *Astrophysical Journal*, 269; 375, 1983.

TABLE I.3 Reference List (cont.)

- 133 Grindlay J.E., Canizares C.R., Forman W.R., McClintock J.E., Steiner J.E., "Discovery of Low Redshift X-Ray Quasars: A Possible New Key to the QSO Phenomenon.", *Astrophysical Journal (Letters)*, 239; L43, 1980.
- 134 Grindlay J.E., Darbro W.D., Elsner R.F., Ghosh P., Hertz P., Marshall H.L., Soltan A., Sutherland P.G., Weisskopf M.C., "Time Resolved Imaging and Spectral Studies of an X-Ray Burst from the Globular Cluster Terzan 2.", *Astrophysical Journal (Letters)*, 240; L121, 1980.
- 135 Grindlay J.E., Hertz P., "Discovery of an Obscured Globular Cluster Associated with GX354+0 (=MXB1728-34).", *Astrophysical Journal (Letters)*, 247; L17, 1981.
- 136 Grindlay J.E., Cline T.L., Desai U.D., Evans W.D., Hurley K.C., Klebesadel R.W., Laros J.G., Niel M., Pizzichini G., Teegarden B.J., Vedrenne G., "Persistent X-Ray Emission From a Gamma Ray Burst Source.", *Nature*, 300; 730, 1982.
- 137 Grindlay J.E., Cline T.L., Desai U.D., Evans W.D., Hurley K.C., Klebesadel R.W., Laros J.G., Niel M., Pizzichini G., Teegarden B.J., Vedrenne G., "Persistent X-Ray Emission from a Gamma Ray Burst Source.", *Nature*, 300; 730, 1983.
- 138 Grindlay J.E., Hertz P., Lightman A.P., Murray S.S., Steiner J.E., "Determination of Masses of Globular Cluster X-Ray Sources.", *Astrophysical Journal (Letters)*, 282; L13, 1984.
- 139 Grindlay J.E., McClintock J.E., Petro L.D., "Optical Identification of 2S1417-62.", *Astrophysical Journal*, 276; 621, 1984.
- 140 Grindlay J.E., Band D.L., Leahy D.A., Marshall F.E., Seward F.D., Weisskopf M.C., "The Central X-Ray Source in SS433.", *Astrophysical Journal*, 277; 286, 1984.
- 141 Guinan E.F., Koch R.H., Plavek M.J., "Einstein Observations of Selected Close Binaries and Shell Stars.", *Astrophysical Journal*, 282; 667, 1984.
- 142 Haisch B.M., Harnden, Jr. F.R., Linsky J.L., Rosner R., Seward F.D., Vaiana G.S., "Einstein X-Ray Observations of Proxima Centauri and the Surrounding Region.", *Astrophysical Journal (Letters)*, 242; L99, 1980.
- 143 Haisch B.M., Candy H., Harwood D., Higson P., Linsky J.L., Nikolgg I., Page A.A., Quinn P.J., Seward F.D., Siegman B.C., Slee O.B., Verveer A., Wilson I., "Simultaneous X-Ray, Ultraviolet, Optical, and Radio Observations of the Flare Star Proxima Centauri.", *Astrophysical Journal*, 245; 1009, 1981.
- 144 Haisch B.M., Antiochos S.K., Bornman P.L., Golub L., Linsky J.L., Stencel R.E., Vaiana G.S., "Coordinated Einstein and IUE Observations of a 'Disparitions Brusques' Flare Event and Quiescent Emission from Proxima Centauri.", *Astrophysical Journal*, 267; 280, 1983.
- 145 Halpern J.P., Steiner J.E., "Low Ionization Active Galactic Nuclei: X-Ray or Shock Heated?", *Astrophysical Journal (Letters)*, 269; L37, 1983.
- 146 Halpern J.P., Filippenko A.V., "The Nonstellar Continuum of the Seyfert Galaxy NGC 7213.", *Astrophysical Journal*, 285; 475, 1984.
- 147 Halpern J.P., "Variable X-Ray Absorption in the QSO MR 2251-178.", *Astrophysical Journal*, 281; 90, 1984.
- 148 Halpern J.P., "X-Ray Spectrum and Variability of 3C 120.", *Astrophysical Journal*, 290; 130, 1985.
- 149 Halpern J.P., Bothun G.D., Impey C.D., Meurs E.J.A., Skillman E., Tapia S., Wilson A.S., "1E1415.6+2557: An X-Ray-Selected BL Lac Object in a Luminous Galaxy.", *Astrophysical Journal*, 302; 711, 1986.
- 150 Harnden, Jr. F.R., Branduardi G., Elvis M., Gorenstein P., Grindlay J.E., Pye J.P., Rosner R., Topka K., Vaiana G.S., "Discovery of an X-Ray Star Association in VI Cygni (CYG OB2).", *Astrophysical Journal (Letters)*, 234; L51, 1979.
- 151 Harnden, Jr. F.R., Seward F.D., "Einstein Observations of the Crab Nebula Pulsar.", *Astrophysical Journal*, 283; 279, 1984.
- 152 Harnden, Jr. F.R., Grant P.D., Kahn S.M., Seward F.D., "Einstein Observations of Vela X and the Vela Pulsar.", *Astrophysical Journal*, 299; 828, 1985.

TABLE I.3 Reference List (cont.)

- 153 Harris D.E., Costain C.H., Dewdney P.E., Robertson J.G., "Radio and X-Ray Galaxies in Abell 566.", *Astronomy and Astrophysics*, 111; 299, 1982.
- 154 Harris D.E., Butcher H., Costain C.H., Dewdney P.E., Willis A.G., "Discovery of a Quasar with a Wide Angle Radio Tail in a Distant Cluster of Galaxies.", *Astrophysical Journal*, 270; 39, 1983.
- 155 Harris D.E., Costain C.H., Dewdney P.E., "The X-Ray Features of a Single-Lobed Radio Galaxy in Abell 754.", *Astrophysical Journal*, 280; 532, 1984.
- 156 Harris D.E., Johnson H.M., "High Resolution X-Ray Observations of Nearby Binary Systems: Flaring and Evidence for Unseen Companions.", *Astrophysical Journal*, 294; 649, 1985.
- 157 Harris D.E., Stern C.P., "X-Ray Emission Associated with the Jet in 3C 273.", IAU Symposium 119, "Quasars," eds. G. Swarup, V.K. Kapahi (Bangalore India), 275, 1986.
- 158 Harris D.E., Stern C.P., "X-Ray Emission Associated with the Jet in 3C 273.", *Astrophysical Journal*, 313; 136, 1987.
- 159 Harris D.E., Costain C.H., Dewdney P.E., McHardy I.M., Willis A.G., "An X-Ray and Radio Study of Steep-Spectrum Radio Sources: I. Four Fields from the Clark Lake Observatory 26 MHz Survey.", *Astrophysical Journal*, 325, 610-627, 1988.
- 160 Hartwick F.D.A., Cowley A.P., Grindlay J.E., "Evidence for Extended X-Ray Emission from Globular Clusters.", *Astrophysical Journal (Letters)*, 254; L11, 1982.
- 161 Helfand D.J., Long K.S., "X-Ray Observations of the 5 March 1979 Gamma-Burst Field.", *Nature*, 282; 589, 1979.
- 162 Helfand D.J., Caillault J.-P., "An Unbiased Survey of Field Star X-Ray Emission.", *Astrophysical Journal*, 253; 760, 1982.
- 163 Helfand D.J., Becker R.H., "The Observation of Stellar Remnants from Recent Supernovae.", *Nature*, 307; 215, 1984.
- 164 Henriksen M.J., Marshall F.E., Mushotzky R.F., "An X-Ray Survey of Variable Radio-Bright Quasars.", *Astrophysical Journal*, 284; 491, 1984.
- 165 Henry J.P., Branduardi G., Briel U.G., Fabricant D.G., Feigelson E.D., Murray S.S., Soltan A., Tananbaum H., "Detection of X-Ray Emission from Distant Clusters of Galaxies.", *Astrophysical Journal (Letters)*, 234; L15, 1979.
- 166 Henry J.P., Charles P.A., Henriksen M.J., Thorstensen J.R., "Observations of the Two Components of the Abell 98 Cluster of Galaxies.", *Astrophysical Journal (Letters)*, 243; L137, 1981
- 167 Henry J.P., Briel U.G., Gunn J.E., Soltan A., "Evolution of the Cluster X-Ray Luminosity Function Slope.", *Astrophysical Journal*, 262; 1, 1982.
- 168 Henry J.P., Bowyer S., Clarke J.T., Lavery R.J., "X-Ray, Optical, and Radio Observations of the Blue Galaxy Butcher-Oemler 6 in the 3C295 Cluster.", *Astrophysical Journal*, 272; 434, 1983.
- 169 Henry J.P., Lavery R.J., "The X-Ray Luminosity Function of Abell Clusters at a Redshift of 0.25.", *Astrophysical Journal*, 280; 1, 1984.
- 170 Henry J.P., Bowyer S., Clarke J.T., Lavery R.J., "Characterization of X-Ray Sources Detected in a Deep Exposure of the Field Around 3C295.", *Astronomical Journal*, 90; 1425, 1985.
- 171 Henry J.P., Henriksen M.J., "The X-Ray Structure of the 3C295 Cluster: A Cooling Flow at a Redshift of 0.5.", *Astrophysical Journal*, 301; 689, 1986.
- 172 Hertz P., Grindlay J.E., "An X-Ray Survey of Globular Clusters and Their X-Ray Luminosity Function.", *Astrophysical Journal*, 275; 105, 1983.
- 173 Hertz P., Grindlay J.E., "X-Ray Evidence for White Dwarf Binaries in Globular Clusters.", *Astrophysical Journal (Letters)*, 267; L83, 1983.
- 174 Hertz P., Grindlay J.E., "Infrared Observations of Galactic Bulge X-Ray Sources.", *Astrophysical Journal*, 282; 118, 1984.
- 175 Hertz P., Grindlay J.E., "The Einstein Galactic Plane Survey: Statistical Analysis of the Complete X-Ray Sample.", *Astrophysical Journal*, 278; 137, 1984.
- 176 Hertz P., Grindlay J.E., "The Einstein Galactic Plane Survey II. A Complete Sample of Northern Hemisphere X-Ray Sources.", *Astrophysical Journal*, submitted, 1989.

TABLE I.3 Reference List (cont.)

- 177 Hester J.J., Cox D.P., "The Cygnus Loop: A Detailed Comparison of X-Ray and Optical Emission.", *Astrophysical Journal*, 300; 675, 1986.
- 178 Hughes J.P., Helfand D.J., "Self Consistent Models for the X-Ray Emission from Supernova Remnants: An Application to Kepler's Remnant.", *Astrophysical Journal*, 291; 544, 1985.
- 179 Hughes J.P., "X-Ray Studies of the Supernova Remnant N132D: (I) Morphology.", *Astrophysical Journal*, 314; 103, 1987.
- 180 Hutchings J.B., "A Search for Weak Galactic Binary X-Ray Sources.", *PASP*, 93; 55, 1981.
- 181 Hutchings J.B., Cowley A.P., Crampton D., "The X-Ray Pulsars 2S 1145-619 and 1E 1145.1-6141: Optical Identifications and a Nearby Supernova Remnant.", *Astronomical Journal*, 86; 871, 1981.
- 182 Hutter D.J., Mufson S.L., "An Optical and X-Ray Survey of S-Type Markarian Galaxies.", *Astronomical Journal*, 86; 1585, 1981.
- 183 Jensen K.A., Nousek J.A., Nugent J.J., "H1409-45: A Recurrent Soft X-Ray Transient.", *Astrophysical Journal*, 261; 625, 1982.
- 184 Jensen K.A., Cordova F.A., Gomer R., Grauer A.D., Horne K., Mason K.O., Middleditch J., "The Correlated X-Ray and Optical Time Variability of TT Arietis.", *Astrophysical Journal*, 270; 221, 1983.
- 185 Johnson H.M., "An X-Ray Sampling of Nearby Stars.", *Astrophysical Journal*, 243; 234, 1981.
- 186 Johnson H.M., "An Unbiased X-Ray Sampling of Stars within 25 Parsecs of the Sun.", *Astrophysical Journal*, 303; 470, 1986.
- 187 Johnson H.M., Mayor M., "The Orbit and Properties of the HD 149162 System.", *Astrophysical Journal*, 310; 354, 1986.
- 188 Johnston K.J., Elvis M., Kjer D., Shen B.S.P., "Radio Jets in NGC4151.", *Astrophysical Journal*, 262; 61, 1981.
- 189 Jones C., Forman W.R., Harnden, Jr. F.R., Mandel E., Murray S.S., Schwarz J., "The Structure and Evolution of X-Ray Clusters.", *Astrophysical Journal (Letters)*, 234; L21, 1979.
- 190 Jones C., Forman W.R., "The Structure of Clusters of Galaxies Observed with Einstein.", *Astrophysical Journal*, 276; 38, 1984.
- 191 Jordan C., Brown A., Linsky J.L., Walter F.M., "The Outer Atmosphere of Procyon (Alpha CMi F5IV-V) Evidence of Supergranulation or active regions.", *MNRAS*, 218; 465, 1986.
- 192 Junkkarinen V.T., Burbidge E.M., Marscher A.P., "Einstein Observations of QSOs with Absorption-Line Systems.", *Astronomical Journal*, 87; 845, 1982.
- 193 Kahler S., Chugainov P.F., Coleman G.D., Crannell C.J., Davis M.M., Davis R.J., Feldman P.A., Giampapa M.S., Golub L., Harnden, Jr. F.R., Hege E.K., Hobbs R.W., Kahn S.M., Karpen J.T., Leslie B., Liller W., Lovell B., Mason K.O., "Coordinated X-Ray, Optical, and Radio Observations of Flaring Activity on YZ Canis Minoris.", *Astrophysical Journal*, 252; 239, 1982.
- 194 Kahn S.M., Liebert J.W., Raymond J.C., Shipman H.L., Steiner J.E., Wesemael F., "Photospheric Soft X-Ray Emission from Hot DA White Dwarfs.", *Astrophysical Journal*, 278; 255, 1984.
- 195 Kahn S.M., Gorenstein P., Harnden, Jr. F.R., Seward F.D., "Einstein Observations of the Vela Supernova Remnant: The Spatial Structure of the Hot Emitting Gas.", *Astrophysical Journal*, 299; 821, 1985.
- 196 Katgert P., Thuan T.X., Windhorst R.A., "Einstein X-Ray Observations of Optical-Radio Selected Areas.", *Astrophysical Journal*, 275; 1, 1983.
- 197 Kotanyi C., Ekers R.D., Van Gorkom H.H., "Einstein Observations of NGC 4438: Dynamical Ablation of Gas in the Virgo Cluster.", *Astrophysical Journal (Letters)*, 273; L7, 1983.
- 198 Kriss G.A., Canizares C.R., Feigelson E.D., McClintock J.E., "The Detection of Extended X-Ray Emission Surrounding cD Galaxies in Poor Clusters.", *Astrophysical Journal (Letters)*, 235; L61, 1980.
- 199 Kriss G.A., Canizares C.R., Ricker G.R., "X-Ray Observations of Seyfert Galaxies with the Einstein Observatory.", *Astrophysical Journal*, 242; 492, 1980.
- 200 Kriss G.A., Canizares C.R., "Optical and X-Ray Properties of X-Ray Selected Active Galactic Nuclei.", *Astrophysical Journal*, 261; 51, 1982.

TABLE I.3 Reference List (cont.)

- 201 Kriss G.A., Cominsky L.R., Remillard R.A., Thorstensen J.R., Williams G., "The 1980 Outburst of 4U015+63 (V635 Cas).", *Astrophysical Journal*, 266; 806, 1983.
- 202 Kriss G.A., Canizares C.R., Cioffi D.F., "The X-Ray Emitting Gas in Poor Clusters with Central Dominant Galaxies.", *Astrophysical Journal*, 272; 439, 1983.
- 203 Kriss G.A., "Observational Tests of X-Ray Heating in the Broad-Line Region of Quasars and Seyfert Galaxies.", *Astrophysical Journal*, 277; 495, 1984.
- 204 Kriss G.A., Becker R.H., Canizares C.R., Helfand D.J., "G27.4+0.0, A Galactic SNR with a Central Compact Source.", *Astrophysical Journal*, 288; 703, 1985.
- 205 Kriss G.A., Canizares C.R., "X-Ray Properties of Quasars and Results from a Deep X-Ray Survey of Optically Selected Objects.", *Astrophysical Journal*, 297; 177, 1985.
- 206 Kronberg P.P., Biermann P., Schwab F.R., "The Nucleus of M82 at Radio and X-Ray Bands: Discovery of a New Radio Population of Supernova Candidates.", *Astrophysical Journal*, 291; 693, 1985.
- 207 Ku W.H.-M., Chanan G.A., "Einstein Observations of the Orion Nebula.", *Astrophysical Journal (Letters)*, 234; L59, 1979.
- 208 Ku W.H.-M., Helfand D.J., Lucy L.B., "The X-Ray Properties of Quasars.", *Nature*, 288; 323, 1980.
- 209 Ku W.H.-M., Abramopoulos F., Chincarini G.L., Fabian A.C., Giovanelli R., Haynes M.P., Nulsen P.E.J., Stewart G.C., Tarengi M., "X-Ray Observations of the Southern Cluster CAO340-538 and the Horologium Supercluster.", *MNRAS*, 203; 253, 1983.
- 210 Ku W.H.-M., Kahn S.M., Long K.S., Pisarski R.L., "Einstein Observations of the Cygnus Loop.", *Astrophysical Journal*, 278; 615, 1984.
- 211 Kumar C.K., Kallman T.R., Thomas R.J., "A Search for X-Rays from Runaway Stars.", *Astrophysical Journal*, 272; 219, 1983.
- 212 Kurtz M.J., Beers T.C., Geller M.J., Gioia I.M., Huchra J.P., Maccacaro T.M., Schild R.E., Stauffer J.R., "The X-Ray Cluster Abell 744, *Astrophysical Journal*, 90; 1665.", 1985.
- 213 Kwok S., Leahy D.A., "X-Ray Emissions from Symbiotic Novae.", *Astrophysical Journal*, 283; 675, 1984.
- 214 Lamb R.C., Bignami G.F., Hartman R.C., Markert T.H., Thompson D.J., "Two X-Ray Pulsars: 2S1145-619 and 1E1145. 1-6141.", *Astrophysical Journal*, 239; 651, 1980.
- 215 Lamb R.C., Markert T.H., "X-Ray Emission from Supernova Remnants Near Gamma Ray Sources.", *Astrophysical Journal*, 244; 94, 1981.
- 216 Lawrence A., Elvis M., "Obscuration and the Various Kinds of Seyfert Galaxy.", *Astrophysical Journal*, 256; 410, 1982.
- 217 Leahy D.A., Long K.S., Naranan S., Venkatesan D., "Complex Structure of the Supernova Remnant HB3.", *Astrophysical Journal*, 294; 183, 1985.
- 218 Leahy D.A., Naranan S., Singh K.P., "Einstein Observations of the Monoceros Supernova Remnant.", *MNRAS*, 213; 15P, 1985.
- 219 Leahy D.A., "Einstein Observations of the Rosette Nebula and the Mon OB2 Association.", *MNRAS*, 217; 69, 1985.
- 220 Ledden J.E., O'Dell S.L., "A Search for X-Ray Emission from Optically Quiet, Compact Radio Sources.", *Astrophysical Journal*, 270; 434, 1983.
- 221 Ledden J.E., O'Dell S.L., "The Radio-Optical X-Ray Spectral Flux Distributions of Blazars.", *Astrophysical Journal*, 298; 630, 1985.
- 222 Liller W., Alcaino G., "UBVRI Photometry of the Optical Counterparts of X-Ray Sources in Einstein Deep Survey Fields.", *Astrophysical Journal (Letters)*, 257; L27, 1982.
- 223 Long K.S., White R.L., "A Survey of Soft X-Ray Emission from Hot Stars.", *Astrophysical Journal (Letters)*, 239; L65, 1980.
- 224 Long K.S., Grabelsky D.A., Helfand D.J., "A Soft X-Ray Study of the Large Magellanic Cloud.", *Astrophysical Journal*, 248; 925, 1981.

TABLE I.3 Reference List (cont.)

- 225 Long K.S., Charles P.A., D'Odorico S., Dopita M.A., "Observations of X-Ray Sources in the Nearby Sc Galaxy, M33.", *Astrophysical Journal (Letters)*, 246; L61, 1981.
- 226 Maccacaro T.M., Perola G.C., "X-Ray Observation of NGC 7582 and the Grus Quartet with the Einstein Observatory.", *Astrophysical Journal (Letters)*, 246; L11, 1981.
- 227 Maccacaro T.M., Feigelson E.D., Fener M., Giacconi R., Griffiths R.E., Liebert J.W., Murray S.S., Stocke J.T., Zamorani G., "A Medium Sensitivity X-Ray Survey Using the Einstein Observatory: The Log N-Log S Relation for Extragalactic X-Ray Sources.", *Astrophysical Journal*, 253; 504, 1982.
- 228 Maccacaro T.M., Elvis M., Perola G.C., "X-Ray Observations with the Einstein Observatory of Emission-Line Galaxies.", *Astrophysical Journal*, 257; 47, 1982.
- 229 Maccagni D., Tarengi M., "X-Ray Observations of Six BL Lacertae Fields.", *Astrophysical Journal*, 243; 42, 1981.
- 230 Maccagni D., Maccacaro T.M., Tarengi M., "The X-Ray Spectra of the BL Lac Objects PKS 0548-322 and 3C 66A.", *Astrophysical Journal*, 273; 70, 1983.
- 231 Madejski G.M., Ku W.H.-M., Schwartz D.A., "Studies of BL Lac Objects with the Einstein X-Ray Observatory: Confrontation with the Synchrotron-Self Compton Predictions.", *Astrophysical Journal*, 275; 467, 1983.
- 232 Maggio A., Bookbinder J., Golub L., Harnden, Jr. F.R., Majer P., Rosner R., Sciortino S., Vaiana G.S., "Einstein Observatory Survey of X-Ray Emission from Solar-Type Stars: The Late F and G Dwarf Stars.", *Astrophysical Journal*, 315; 687, 1987.
- 233 Majer P., Golub L., Harnden, Jr. F.R., Rosner R., Schmitt J.H.M.M., "X-Ray Spectra and the Rotation-Activity Connection of RS Canum Venaticorum Binaries.", *Astrophysical Journal*, 300; 360, 1986.
- 234 Maraschi L., Schwartz D.A., Tanzi E.G., Treves A., "Multifrequency Observations of the BL Lac Object PKS 05377-441.", *Astrophysical Journal*, 294; 615, 1985.
- 235 Margon B., Chanan G.A., Downes A., Downes R.A., "A Companion Quasar to 3C345.", *Nature*, 290; 480, 1981.
- 236 Margon B., Downes A., Downes R.A., Spinrad H., "A Quasi-Stellar Object in a Rich, Distant Cluster of Galaxies.", *Nature*, 301; 221, 1983.
- 237 Margon B., Chanan G.A., Downes A., Downes R.A., "An Atlas of X-Ray Selected Quasi-Stellar Objects.", *Astrophysical Journal (Supplement)*, 59; 23, 1985.
- 238 Margon B., Boroson T.A., Chanan G.A., Schneider D.P., Thompson I.B., "Spectroscopy of Six X-Ray Selected BL Lacertae Candidates.", *PASP*, 98; 1129, 1986.
- 239 Margon B., Anderson S.F., Bolte M., "An X-Ray Selected White Dwarf of Intermediate Luminosity.", *Astronomical Journal*, 93; 1229, 1987.
- 240 Markert T.H., Bignami G.F., Hartman R.C., Lamb R.C., Thompson D.J., "Two X-Ray Supernova Remnants: G296.1-0.7 and 1E1149.4-6209.", *Astrophysical Journal (Letters)*, 248; L17, 1981.
- 241 Markert T.H., Rallis A.D., "X-Ray Observations of M33 with the High Resolution Imager.", *Astrophysical Journal*, 275; 571, 1983.
- 242 Marscher A.P., Broderick J.J., "X-Ray and VLBI Radio Observations of the Quasars NRAO 140 and NRAO 530.", *Astrophysical Journal*, 249; 406, 1981.
- 243 Marshall F.E., Holt S.S., Mushotzky R.F., "Rapid X-Ray Variability from the Seyfert 1 Galaxy.", *Astrophysical Journal (Letters)*, 269; L31, 1983.
- 244 Marshall H.L., Braccisi A., Huchra J.P., Tananbaum H., Zamorani G., Zitelli V., "Optical and X-Ray Observations of Faint Quasars in an Optically Selected Sample.", *Astrophysical Journal*, 269; 42, 1983.
- 245 Mason K.O., Bowyer S., Clark D.H., Cordova F.A., Middleditch J., Murdin P.G., Reichert G.A., "Identification of the Soft X-Ray Source H1011-47 (=E1013-47): A New Magnetic Variable?," *PASP*, 95; 370, 1983.

TABLE I.3 Reference List (cont.)

- 246 Mason K.O., Bowyer S., Clark D.H., Cordova F.A., Jensen K.A., Middleditch J., Murdin P.G., Reichert G.A., "Optical Identification of the X-Ray Source E1405-451: A 101.5 Minute Binary System with Extremely Rapid Quasi-Periodic Variability.", *Astrophysical Journal*, 264; 575, 1983.
- 247 Matilsky T., Schrader C., Tananbaum H., "Evidence for 200 Second Variability in the X-Ray Flux of the Quasar 1525+227.", *Astrophysical Journal (Letters)*, 258; L1, 1982.
- 248 Matilsky T., Forman W.R., Jones C., "An X-Ray Study of the Centaurus Cluster of Galaxies Using Einstein.", *Astrophysical Journal*, 291; 621, 1985.
- 249 Matsui Y., Dickel J.R., Greisen E.W., Long K.S., "A Detailed X-Ray and Radio Comparison of Kepler's Supernova Remnant.", *Astrophysical Journal*, 287; 295, 1984.
- 250 McCammon D., Sanders W.T., "Limits on Diffuse X-Ray Emission from M101.", *Astrophysical Journal*, 287; 167, 1984.
- 251 McClintock J.E., Bond H.E., Grauer A.D., London R.A., "The Noncompact Binary X-Ray Source 4U2129+47.", *Astrophysical Journal*, 258; 245, 1982.
- 252 McClusky, Jr. G.E., Kondo Y., "Observations of Eight Close Binaries with the Einstein Observatory.", *PASP*, 96; 817, 1984.
- 253 Mereghetti S., Bignami G.F., Caraveo P.A., "New Evidence for keV X-Ray Variability of QSO 0241+622.", *Astronomy and Astrophysics*, 135; 12, 1984.
- 254 Mereghetti S., Bignami G.F., Caraveo P.A., Goldwurm A., "Exosat and Einstein Observations of the X-Ray Pulsar 4U 1145-614.O", *Astrophysical Journal*, 312; 755, 1987.
- 255 Micela G., Bookbinder J., Golub L., Harnden, Jr. F.R., Rosner R., Sciortino S., Serio S., Vaiana G.S., "Einstein X-Ray Survey of the Pleiades: the Dependence of X-Ray Emission on Stellar Age.", *Astrophysical Journal*, 292; 172, 1985.
- 256 Miley G.K., Fabbiano G., Norman C., Silk J., "X-Ray Observations of Radio-Jet Galaxies.", *Astronomy and Astrophysics*, 122; 330, 1983.
- 257 Miller L., Elvis M., Fabbiano G., Longair M.S., Trinchieri G., "The Gaseous Environments of Double Radio Galaxies.", *MNRAS*, 215; 799, 1985.
- 258 Morris S.L., Gioia I.M., Liebert J.W., Maccacaro T.M., Schmidt G.D., Stocke J.T., "1E1048.5+5421: A New 114 Minute AM Herculis Binary.", *Astrophysical Journal*, 314; 641, 1987.
- 259 Mufson S.L., Hutter D.J., "The Detection of X-Ray Emission from the BL Lac Object Markarian 180.", *Astrophysical Journal (Letters)*, 248; L61, 1981.
- 260 Mufson S.L., Aller H.D., Aller M.F., Hackney R.L., Hodge P.E., Hutter D.J., Kondo Y., Mushotzky R.F., Urry C.M., Wisniewski W.Z., "Coordinated Multifrequency Observations of the BL Lac Objects MRK 180 and MRK 501.", *Astrophysical Journal*, 285; 571, 1984.
- 261 Mufson S.L., Aller H.D., Aller M.F., Pollock J.T., Stein W.A., Wisniewski W.Z., "The Bursting Behavior of the BL Lac Object B2 1308+326.", *Astrophysical Journal*, 288; 718, 1985.
- 262 Mufson S.L., Chevalier R., Dickel J.R., McCollough M.L., Petre R., White R., "A Multiwavelength Investigation of the Supernova Remnant IC 443.", *Astronomical Journal*, 92, 1349, 1986.
- 263 Murray S.S., Epstein A., Fabbiano G., Fabian A.C., Giacconi R., "High Resolution X-Ray Observations of the Cassiopeia Supernova Remnant with the Einstein Observatory.", *Astrophysical Journal (Letters)*, 234; L69, 1979.
- 264 Nousek J.A., Agrawal P.C., Bond H.E., Grauer A.D., Hill G.J., Schmidt G.D., Stern R.A., Takalo L.O., Tapia S., "E2003+225: A 3h42m AM Herculis Type Binary System.", *Astrophysical Journal*, 277; 682, 1984.
- 265 Nugent J.J., Becker R.H., Garmire G.P., Pravdo S.H., Tuohy I.R., Winkler, Jr. P.F., "X-Ray Emission from Supernova Remnants MSH 14-63 and RCW 103.", *Astrophysical Journal*, 284; 612, 1984.
- 266 Nulsen P.E.J., Fabian A.C., Holt S.S., Ku W.H.-M., Malin D.F., Mushotzky R.F., Stewart G.C., "A Detailed X-Ray Study of the Cooling Intracluster Gas in A496.", *MNRAS*, 199; 1089, 1982.
- 267 Owen F.N., Helfand D.J., Spangler S.R., "The Correlation of X-Ray Emission with Strong Millimeter Activity in Extragalactic Sources.", *Astrophysical Journal (Letters)*, 250; L55, 1981.

TABLE I.3 Reference List (cont.)

- 268 Pakull M.W., "HD36705: A New Bright X-Ray Emitting RS CVn Star.", *Astronomy and Astrophysics*, 104; 33, 1981.
- 269 Palumbo G.G.C., Maccacaro T.M., Panagia N., Vettolani G., Zamorani G., "Observations of M100 with the Einstein Observatory Shortly After the Explosion of Its Fourth Supernova, SN 1979C.", *Astrophysical Journal*, 247; 484, 1981.
- 270 Parmar A.N., Branduardi-Raymont G., Branduardi G., Fabian A.C., Locke M., Oegerle W.R., Polidan R.S., Pollard G.S.G., Sanford P.W., Schreier E.J., Stewart G.C., "X-Ray Observations of the OAO 1653-40 Field.", *MNRAS*, 193; 49P, 1980.
- 271 Patterson J.O., Branch D., Chincarini G.L., Robinson E.L., "33 Second X-Ray Pulsations in AE Aquarii.", *Astrophysical Journal (Letters)*, 240; L133, 1980.
- 272 Patterson J.O., Steiner J.E., "H2215-086: King of the DQ Herculis Stars.", *Astrophysical Journal (Letters)*, 264; L61, 1983.
- 273 Patterson J.O., Beuermann K., Fabbiano G., Lamb D.Q., Raymond J.C., Swank J.H., White N.E., "VV Puppis: The Soft X-Ray Machine.", *Astrophysical Journal*, 279; 785, 1984.
- 274 Perrenod S., Henry J.P., "X-Ray Temperatures of Distant Clusters of Galaxies.", *Astrophysical Journal (Letters)*, 247; L1, 1981.
- 275 Phillips M.M., Baldwin J.A., Charles P.A., "Nearby Galaxies with Seyfert-Like Nuclei.", *Astrophysical Journal*, 266; 485, 1983.
- 276 Pisarski R.L., Helfand D.J., Kahn S.M., "An X-Ray Study of the Remnant of SN185 AD.", *Astrophysical Journal*, 277; 710, 1984.
- 277 Pollock A.M.T., "The Einstein View of the Wolf-rayet Stars.", *Astrophysical Journal*, 320, 283, 1987.
- 278 Pravdo S.H., Marshall F.E., "An X-Ray Active Region in Orion: X-Rays from a Herbig-Haro Object?", *Astrophysical Journal*, 248; 591, 1981.
- 279 Pravdo S.H., Becker R.H., Jensen K.A., Nousek J.A., Nugent J.J., Wilson A.S., "Discovery of a Seyfert 1 with an Unusually Soft X-Ray Spectrum.", *Astrophysical Journal*, 251; 501, 1981.
- 280 Pravdo S.H., Marshall F.E., "Soft X-Ray Active Galactic Nuclei.", *Astrophysical Journal*, 281; 570, 1984.
- 281 Pye J.P., Pounds K.A., Rolf D.P., Seward F.D., Smith A.G., Willingale R., "An X-Ray Map of SN 1006 from the Einstein Observatory.", *MNRAS*, 194; 569, 1981.
- 282 Pye J.P., Becker R.H., Seward F.D., Thomas N., "Radio and X-Ray Maps of the Supernova Remnant W49B.", *MNRAS*, 207; 649, 1984.
- 283 Reichert G.A., Bowyer S., Mason K.O., Thorstensen J.R., "Optical Identification of Serendipitous Einstein X-Ray Sources: Luminosity and Redshift Relations in the X-Ray and Optical Emission from Active Galaxies and Quasars.", *Astrophysical Journal*, 260; 437, 1982.
- 284 Reid P.B., Becker R.H., Long K.S., "An X-Ray Image of Tycho's Supernova Remnant.", *Astrophysical Journal*, 261; 485, 1982.
- 285 Sanders W.T., Cassinelli J.P., Myers R.V., Van der Hucht K.A., "X-Ray Observations of Wolf-Rayet Stars.", *Astrophysical Journal*, 288; 756, 1985.
- 286 Schindler M., Basri G.S., Helfand D.J., Linsky J.L., Stencel R.E., "Ultraviolet and X-Ray Detection of the 56 Pegasi System (K0 Iip + WD): Evidence for Accretion of a Cool Stellar Wind Onto a White Dwarf.", *Astrophysical Journal*, 263; 269, 1982.
- 287 Schmitt J.H.M.M., Golub L., Harnden, Jr. F.R., Maxson C.W., Rosner R., Schmidt M., Vaiana G.S., "An Einstein Observatory X-Ray Survey of Main-Sequence Stars with Shallow Convection Zones.", *Astrophysical Journal*, 290; 307, 1985.
- 288 Schmitt J.H.M.M., Harnden, Jr. F.R., Peres G., Rosner R., Serio S., "The X-Ray Corona of Procyon.", *Astrophysical Journal*, 288; 751, 1985.
- 289 Schreier E.J., Delvaile J.P., Fabian A.C., Feigelson E.D., Giacconi R., Grindlay J.E., Schwartz D.A., "Einstein Observations of the X-Ray Structure of Centaurus A: Evidence for the Radio-lobe Energy Source.", *Astrophysical Journal (Letters)*, 234; L39, 1979.

TABLE I.3 Reference List (cont.)

- 290 Schreier E.J., Feigelson E.D., Gorenstein P., "High Resolution X-Ray Observations of M87: Nucleus, Jet and Radio Halo.", *Astrophysical Journal*, 261; 42, 1982.
- 291 Seaquist E.R., Gilmore W.S., Grindlay J.E., Johnson K.J., "Simultaneous Radio and X-Ray Activity in SS433.", *Astrophysical Journal*, 260; 220, 1982.
- 292 Seward F.D., Forman W.R., Giacconi R., Griffiths R.E., Harnden, Jr. F.R., Jones C., Pye J.P., "X-Rays from Eta Carinae and the Surrounding Nebula.", *Astrophysical Journal (Letters)*, 234; L55, 1979.
- 293 Seward F.D., Gilmore W.S., Grindlay J.E., Seaquist E.R., "Diffuse X-Ray Emission from the Jets of SS433.", *Nature*, 287; 806, 1980.
- 294 Seward F.D., Mitchell M., "X-Ray Survey of the Small Magellanic Cloud.", *Astrophysical Journal*, 243; 736, 1981.
- 295 Seward F.D., Harnden, Jr. F.R., "A New, Fast X-Ray Pulsar in the Supernova Remnant MSH15-52.", *Astrophysical Journal (Letters)*, 256; L45, 1982.
- 296 Seward F.D., Chlebowski T., "X-Ray Emission from the Carina Nebula and the Associated Early Stars.", *Astrophysical Journal*, 256; 530, 1982.
- 297 Seward F.D., Clark D.H., Harnden, Jr. F.R., Murdin P.G., "MSH15-52: A Supernova Remnant Containing Two Compact X-Ray Sources.", *Astrophysical Journal*, 267; 698, 1983.
- 298 Seward F.D., Harnden, Jr. F.R., Helfand D.J., "Discovery of a 50 msec Pulsar in the Large Magellanic Cloud.", *Astrophysical Journal (Letters)*, 287; L19., 1984.
- 299 Seward F.D., Harnden, Jr. F.R., Swank J.H., Szymkowiak A.E., "The X-Ray Nebula Around PSR 1509-58.", *Astrophysical Journal*, 281; 650, 1984.
- 300 Seward F.D., Charles P.A., Smale A.P., "A Six-Second Periodic X-Ray Source in Carina.", *Astrophysical Journal*, 315; 814, 1986.
- 301 Simon T., Cash W., Snow, Jr. T.P., "Ultraviolet and X-Ray Observations of NGC 2264.", *Astrophysical Journal*, 293; 542, 1985.
- 302 Smith A.G., Jones L.R., Seward F.D., Watson M.G., Willingale R., Wood N., "X-Ray Observations of the Supernova Remnant W44.", *MNRAS*, 217; 99, 1985.
- 303 Snow, Jr. T.P., Cash W., Grady C., "The Detection of X-Ray Variability in O Stars.", *Astrophysical Journal (Letters)*, 244; L19, 1981.
- 304 Soltan A., Henry J.P., "The X-Ray Luminosity Function of Very Rich Clusters and the Luminosity-Richness Relation.", *Astrophysical Journal*, 271; 442, 1983.
- 305 Steiner J.E., Busko I.C., Jablonski F.J., McHardy I.M., Pye J.P., Schwartz D.A., Watson M.G., "Identification of 4U1849-31 with V1223 Sgr and Discovery of Optical Pulsations.", *Astrophysical Journal (Letters)*, 249; L21, 1981.
- 306 Steiner J.E., Grindlay J.E., Maccacaro T.M., "Discovery of Two Active Galactic Nuclei in Clusters of Galaxies.", *Astrophysical Journal*, 259; 482, 1982.
- 307 Stella L., Beuermann K., Patterson J.O., "Uncorrelated Soft and Hard X-Ray Short-term Variations from AM Herculis.", *Astrophysical Journal*, 306; 225, 1986.
- 308 Stern R.A., Antiochos S.K., Underwood J.H., Zolcinski M.-C., "Stellar Coronae in the Hyades: A Soft X-Ray Survey with the Einstein Observatory.", *Astrophysical Journal*, 249; 647, 1981.
- 309 Stern R.A., Agrawal P.C., Garmire G.P., Nosusek J.A., Nugent J.J., Pravdo S.H., Riegler G.R., Rosenthal A., "X-Ray and Optical Observations of HD 155638: A Remarkably Active Cool Star.", *Astrophysical Journal (Letters)*, 251; L105, 1981.
- 310 Stern R.A., Skumanich A., "Rapid Rotation and Stellar Activity in the Triple System HD 165590.", *Astrophysical Journal*, 267; 232, 1983.
- 311 Stern R.A., Antiochos S.K., Harnden, Jr. F.R., "Modeling of Coronal X-Ray Emission from Active Cool Stars: I. Hyades Cluster.", *Astrophysical Journal*, 305; 417, 1986.
- 312 Stewart G.C., Fabian A.C., "The Influence of Mass Loss on the Observed X-Ray Spectra of Early-type Stars.", *MNRAS*, 197; 713, 1981.
- 313 Stewart G.C., Fabian A.C., Hazard C., Terlevich R.J., "X-Ray Emission from Extragalactic Bursts of Star Formation.", *MNRAS*, 200; 61, 1982.

TABLE I.3 Reference List (cont.)

- 314 Stewart G.C., Canizares C.R., Fabian A.C., Nulsen P.E.J., "The Mass Profile and Gas Content of M87.", *Astrophysical Journal*, 278; 536, 1984.
- 315 Stewart G.C., Fabian A.C., Forman W.R., Jones C., "The Prevalence of Cooling Flows in Clusters of Galaxies.", *Astrophysical Journal*, 285; 1, 1984.
- 316 Stocke J.T., Danziger I.J., Gioia I.M., Griffiths R.E., Kunth D., Liebert J.W., Lub J., Maccacaro T.M., "The Einstein Observatory Medium Sensitivity Survey: Optical Identification for the Complete Sample of X-Ray Sources.", *Astrophysical Journal*, 273; 458, 1983.
- 317 Stocke J.T., Gioia I.M., Liebert J.W., Maccacaro T.M., Schild R.E., "1E0104.2+3153: A Broad-Absorption-Line QSO Viewed Through a Giant Elliptical Galaxy.", *Astrophysical Journal*, 277; 43, 1984.
- 318 Stocke J.T., Arp H.C., Gioia I.M., Liebert J.W., Maccacaro T.M., Maccagni D., Schild R.E., Schmidt G.D., "The Optical and Radio Properties of X-Ray Selected BL Lac Objects.", *Astrophysical Journal*, 298; 619, 1985.
- 319 Stone R.C., Taam R.E., "X-Ray Observations of the Runaway Stars HD 206327 and 26 Cephei and of the Lambda1 Orionis Region.", *Astrophysical Journal*, 291; 183, 1985.
- 320 Szkody P., Crosa L., Schmidt E., Schommer R.A., "Simultaneous X-Ray and Optical Observations of an Ursae Majoris During a Low State.", *Astrophysical Journal*, 246; 223, 1981.
- 321 Szkody P., Bothun G.D., Crosa L., Downes A., Downes R.A., Schommer R.A., "The X-Ray and Optical Characteristics of the Cataclysmic Variable V794 Aquilae.", *Astrophysical Journal (Letters)*, 249; L61, 1981.
- 322 Tananbaum H., Avni Y., Branduardi G., Elvis M., Fabbiano G., Feigelson E.D., Giacconi R., Henry J.P., Pye J.P., Soltan A., Zamorani G., "X-Ray Studies of Quasars with the Einstein Observatory.", *Astrophysical Journal (Letters)*, 234; L9, 1979.
- 323 Tananbaum H., Avni Y., Wardle J.F.C., Zamorani G., "X-Ray Studies of Quasars with the Einstein Observatory (III): The 3CR Sample.", *Astrophysical Journal*, 268; 60, 1983.
- 324 Tananbaum H., Avni Y., Green R.F., Schmidt M., Zamorani G., "X-Ray Observations of the Bright Quasar Survey.", *Astrophysical Journal*, 305; 57, 1986.
- 325 Topka K., Avni Y., Golub L., Gorenstein P., Harnden, Jr. F.R., Rosner R., Vaiana G.S., "A Magnitude Limited Stellar X-Ray Survey and the F Star X-Ray Luminosity Function.", *Astrophysical Journal*, 259; 677, 1982.
- 326 Trinchieri G., Fabbiano G., Palumbo G.G.C., "Detailed X-Ray Observations of M83.", *Astrophysical Journal*, 290; 96, 1985.
- 327 Trinchieri G., Canizares C.R., Fabbiano G., "The X-Ray Surface Brightness Distribution and Spectral Properties of Six Early Type Galaxies.", *Astrophysical Journal*, 310; 637, 1986.
- 328 Tuohy I.R., Garmire G.P., "Discovery of a Compact X-Ray Source at the Center of the Supernova Remnant RCW 103.", *Astrophysical Journal (Letters)*, 239; L107, 1980.
- 329 Tuohy I.R., Burton W.M., Clark D.H., "The Peculiar X-Ray Morphology of the Supernova Remnant G292.0+1.8: Evidence for an Asymmetric Supernova Explosion.", *Astrophysical Journal (Letters)*, 260; L65, 1982.
- 330 Ulmer M.P., Cruddace R.G., "Einstein Observations of the Region Between the Abell Clusters of Galaxies A401 and A399.", *Astrophysical Journal (Letters)*, 246; L99, 1981.
- 331 Ulmer M.P., Cruddace R.G., "Three Rich Clusters of Galaxies with Bimodal or Clumpy X-Ray Morphologies.", *Astrophysical Journal*, 258; 434, 1982.
- 332 Ulmer M.P., Brown R.L., Cruddace R.G., Patterson J.O., Schwartz D.A., "The Discovery of an X-Ray Bright BL Lacertae Object: 0414+009.", *Astrophysical Journal (Letters)*, 270; L1, 1983.
- 333 Ulmer M.P., Cruddace R.G., Kowalski M.P., "X-Ray Observations of Possible Binary Clusters of Galaxies.", *Astrophysical Journal*, 290; 551, 1985.
- 334 Ulmer M.P., Cruddace R.G., Kowalski M.P., "HEAO 2 X-Ray Observations of Clusters of Galaxies.", *Astrophysical Journal*, 303; 162, 1986.

TABLE I.3 Reference List (cont.)

- 335 Ulvestad J.S., Wilson A.S., "X-Ray and Optical Studies of Emission-Line Markarian Galaxies.", *Astronomical Journal*, 88; 253, 1983.
- 336 Vaiana G.S., Cassinelli J.P., Fabbiano G., Giacconi R., Golub L., Gorenstein P., Haisch B.M., Harnden, Jr. F.R., Johnson H.M., Linsky J.L., Maxson C.W., Mewe R., Rosner R., Seward F.D., Topka K., Zwaan C., "Results from an Extensive Einstein Stellar Survey.", *Astrophysical Journal*, 245; 163, 1981.
- 337 Vallee J.P., Bridle A.H., "X-Ray Emission from Clusters of Galaxies Containing Classical Double Radio Sources.", *Astrophysical Journal*, 253; 479, 1982.
- 338 Van Speybroeck L.P., Bechtold J., "X-Ray Emission from Normal Galaxies.", "X-Ray Astronomy with the Einstein Satellite," ed. R. Giacconi (D. Reidel, Dordrecht), 153, 1981.
- 339 Venkatesan D., Galas C.M.F., Leahy D.A., Long K.S., Naranan S., "Einstein X-Ray Observations of the Supernova Remnant HB3.", *MNRAS*, 208; 25P, 1984.
- 340 Walter F.M., Bowyer S., "On the Coronae of Rapidly Rotating Stars I: The Relation Between Rotation and Coronal Activity in RS CVn Systems.", *Astrophysical Journal*, 245; 671, 1981.
- 341 Walter F.M., "On the Coronae of Rapidly Rotating Stars II: A Period-Activity Relation in G Stars.", *Astrophysical Journal*, 245; 677, 1981.
- 342 Walter F.M., Basri G.S., Gibson D.M., "First Observations of Stellar Coronal Structure: The Coronae of AR Lacertae.", *Astrophysical Journal*, 267; 665, 1983.
- 343 Walter F.M., "On the Coronae of Rapidly Rotating Stars. V. The Other Stars.", *PASP*, 97; 643, 1985.
- 344 Walter F.M., "X-Ray Sources in Regions of Star Formation I. The Naked T Tauri Stars.", *Astrophysical Journal*, 306; 573, 1986.
- 345 Walter F.M., Brown A., Carrasco L., Chugainov P.F., Imhoff C.L., Linsky J.L., Roth M., Rydgren A.E., Shakovskaya N.I., Vrba F., "X-Ray Sources in Regions of Star Formation II. The Pre-main-sequence G Star HDE 2835722.", *Astrophysical Journal*, 314; 297, 1987.
- 346 Wang Z.R., Seward F.D., "An X-Ray Investigation of the Unusual Supernova Remnant CTB80.", *Astrophysical Journal*, 285; 607, 1984.
- 347 Wang Z.R., Seward F.D., "X-Rays from the SNR 3C391.", *Astrophysical Journal*, 279; 705, 1984.
- 348 Watson M.G., Grindlay J.E., Hertz P., Willingale R., "An X-Ray Study of the Galactic Center, *Astrophysical Journal*, 250; 142, 1981.
- 349 Watson M.G., Pye J.P., Rolf D.P., Seward F.D., Thomas N., Willingale R., Wood N., "Einstein Observations of the SNRs IC433, W44 and W49B.", *IAU Symposium 101, "Supernova Remnants and Their X-Ray Emission,"* eds. J. Danziger, P. Gorenstein ,273-280, 1983.
- 350 Watson M.G., Grindlay J.E., Seward F.D., Willingale R., "The X-Ray Lobes of SS433.", *Astrophysical Journal*, 273; 688, 1983.
- 351 Watson M.G., Griffiths R.E., Stanger V.J., "X-Ray Emission from M82.", *Astrophysical Journal*, 286; 144, 1984.
- 352 Watts D.J., Greenhill J.G., Hill P.W., Thomas R.M., "2A 0526-328, An Optical and X-Ray Study of a Cataclysmic Variable.", *MNRAS*, 200; 1039, 1982.
- 353 Weedman D.M., Balzano V.A., Feldman F.R., Ramsey L.W., Sramek R.A., Wu C.-C., "NGC 7714: The Prototype Star-Burst Galactic Nucleus.", *Astrophysical Journal*, 248; 105-112, 1981.
- 354 Weisskopf M.C., Darbro W.D., Elsner R.F., Grindlay J.E., Naranan S., Sutherland P.G., Weisskopf V.J., White N.E., Williams A.C., "X-Ray Observations of X Persei.", *Astrophysical Journal*, 278; 711, 1984.
- 355 White N.E., Marshall F.E., "An X-Ray Survey of Nine Algol Systems.", *Astrophysical Journal (Letters)*, 268; L117, 1983.
- 356 White R.L., Long K.S., "The X-Ray Surface Brightness of Kepler's Supernova Remnant.", *Astrophysical Journal*, 264; 196, 1983.
- 357 White R.L., Long K.S., "X-Ray Emission from Wolf-Rayet stars.", *Astrophysical Journal*, 310; 832, 1986.

TABLE I.3 Reference List (cont.)

- 358 White S.D.M., Silk J., "The X-Ray Structure of Two Rich Galaxy Clusters.", *Astrophysical Journal*, 241; 864, 1980.
- 359 White S.D.M., Henry J.P., Silk J., "The X-Ray Structure of a Galaxy Cluster at $Z=0.54$: Implications for Cluster Evolution and Cosmology.", *Astrophysical Journal (Letters)*, 251; L65, 1981.
- 360 Wilkes B.J., Elvis M., "Quasar Energy Distributions I: Soft X-Ray Spectra of Quasars.", *Astrophysical Journal*, 323; 243, 1987.
- 361 Wilson A.S., "X-Rays From G74.9+1.2, An Elderly Crab Nebula.", *Astrophysical Journal (Letters)*, 241; L19, 1980.
- 362 Wilson A.S., "X-Ray Observations of Supernova Remnants Resembling the Crab Nebula.", *Astrophysical Journal*, 302; 718, 1986.
- 363 Wilson L.A., Brugel E.W., Stencel R.E., Wallerstein G., "Winds in Collision II. An Analysis of the X-Ray Emission from the Eruptive Symbiotic HM Sge.", *Astronomy and Astrophysics*, 133; 154, 1984.
- 364 Wolstencroft R.D., Arp H.C., Ku W.H.-M., Scarrott S.M., "Six Quasars Near the Jets of NGC 1097.", *MNRAS*, 205; 67, 1983.
- 365 Worrall D.M., Aller H.D., Aller M.F., Bruhweiler F.C., Hodge P.E., Jones B., Ku W.H.-M., Puschell J.J., Sitko M.L., Stein W.A., Zhang Y.X., "Two Multifrequency Observations of the BL Lacertae Object OJ 287.", *Astrophysical Journal*, 261; 403, 1982.
- 366 Worrall D.M., Marshall F.E., "The Broad-Band X-Ray Spectrum of a QSO Sample.", *Astrophysical Journal*, 276; 434, 1984.
- 367 Worrall D.M., Aller H.D., Aller M.F., Bruhweiler F.C., Hodge P.E., Ku W.H.-M., Leacock R.J., Matthews K., Miller H.R., Neugebauer G., Pica A.J., Pollock J.T., Puschell J.J., Rudy R.J., Smith A.G., Soifer B.T., Webb J.R., "Two Multifrequency Observations of 3C 371.", *Astrophysical Journal*, 278; 521, 1984.
- 368 Worrall D.M., Giommi P., Tananbaum H., Zamorani G., "X-Ray Studies of Quasars with the Einstein Observatory (IV): X-Ray Dependence on Radio Emission.", *Astrophysical Journal*, 313; 596, 1987.
- 369 Young A., Africano J.L., Klimke A., Padick R.R., Quigley R., Van Buren D., "Detection of Flarelike Events and Their Relationship to Presumed Spot Regions on V471 TAU: A Solar-Stellar Connection.", *Astrophysical Journal*, 267; 655, 1983.
- 370 Zamorani G., Avni Y., Condon J.J., Henry J.P., Liebert J.W., Maccacaro T.M., Smith M.G., Soltan A., Stocke J.T., Strittmatter P.A., Tananbaum H., Weymann R.J., "X-Ray Studies of Quasars with the Einstein Observatory (II).", *Astrophysical Journal*, 245; 357, 1981.

APPENDIX J

Merged Fields

The *Einstein* satellite was occasionally repointed at directions previously observed for such purposes as monitoring source variability or obtaining additional observing time to follow up earlier results. To maximize the sensitivity in those regions of the sky where multiple exposures were obtained, we have summed 462 individual X-ray observations and their background files to form 197 new images, each containing from two to six individual fields. However, in order to maintain the integrity of the main catalog for statistical analysis, the merged data are presented in this appendix (cf. pp. 239–444), and the sources have not been assigned independent catalog numbers.

Although in principle any overlapping fields could be merged, we have chosen to merge only those which satisfied the rather stringent offset criteria of Rev1B processing, a choice ensuring that the merged fields can be treated in precisely the same manner as ordinary observations and that the resulting parameters are as reliable as those for the rest of the catalog. For successful merging with Rev1B, field centers of component observations were required to agree in each coordinate to within a tolerance of 5×10^{-6} radians ($1''03$); acceptable merges were assigned new sequence numbers, starting at 11000.

J.1 Differences from the Main Catalog

The results of this merging process are presented in the same format as the main catalog, with the following exceptions: no *new* catalog numbers are assigned to sources (although main catalog detections have been matched with sources in the merged fields), and the title of the observation has been replaced with “MERGED FIELD with component Seq numbers: abcd, efgh,...”. All other parameters printed on the merge pages correspond directly to those in the main catalog (see §§ 3, 4, and 5 for detailed descriptions). The individual (unmerged) images that comprise each merge, together with the results of their analysis, appear in Volumes 2–7 of the catalog.

There are a few differences between the merged fields and those from the main catalog. One of these is a shortened list of field and source flags. For the field flags, we have maintained only “L” (for LDETECT only) and “D” (one or more sources deleted). In the source tables below each contour map, we maintained the indicator “L” (LDETECT) next to the field source number, but we have omitted all other source flags, thereby leaving the source flag column empty.

It should be noted that we have *not* followed the procedure employed in the main catalog for correcting intensities of sources near the edge of the field (described in § 5.4). That procedure was instituted to ensure that reasonable values could be obtained from the source list alone, as would be the case for a user of the ON-LINE catalog (described in § 7) without reference to the contour maps. Since the source lists for the merged fields exist only in juxtaposition to the contour map of the field, we have left it to the user to ascertain whether the source position is such that the accuracy of the tabulated intensity may be less than indicated by the formal uncertainty.

The Ref/ID flag has been carried over from the main catalog, but new sources do not have entries, and sources matched with catalog sources have been given the Ref/ID entry of one of the original detections. In a similar fashion, if any of the component observations had a field Ref/ID entry, one of these will appear for the merged field.

J.2 Analysis of the Merged Fields

In order to determine catalog numbers for sources in the merged fields, we employed the pairing procedure described in § 1 of Appendix II and took a careful look at the catalog numbers assigned by this matching procedure.

In one case, a source (I11245/5) was paired with two main catalog sources. This occurred in a merged observation of ρ Ophiuchus, which contains many variable sources with small angular separations, as has already been noted and discussed in § 2.2 of Appendix H. Because of source confusion in this region, we have suppressed the links to both main catalog sources (Nos. 3677 and 3678).

We also searched for cases in which a merged field source position was unchanged from a component field position (viz., paired source positions agreeing to better than 10^{-6} radians). This occurred for less than 20 sources, primarily when a very long exposure was merged with a second, very short one.

As a final verification, we also examined a few of the unmatched sources which were detected with signal-to-noise ratios greater than 5.0 (seven of the 139 new detections). As expected, most of these cases came from merged fields made up of many short observations, and any detections in the component observations always had less than 3.5σ significance. In a few cases, sources were not detected in the component fields because they were extended or close to a rib shadow and MDETECT was not run.

Appendix J: Merged Fields

A.3 Table of Merged Fields

In Table J.3 we give the field center, the newly assigned sequence number, the total live time (in seconds), and the component sequence numbers for the merged fields.

Table J.3 Merged Fields

RA (1950)	DEC (1950)	MERGE SEQ#	LIVE TIME	COMPONENT SEQ#s	
00 08 00	10 42 00	I 11089	3270	I 2634	I 6718
00 19 54	01 07 42	I 11059	9789	I 5114	I 8452
00 24 00	16 53 00	I 11120	12807	I 1810	I 1811
00 26 38	12 59 29	I 11100	11152	I 5417	I 9550 I 9551
				I 9552	I 9553
00 48 06	- 09 45 00	I 11036	2029	I 1983	I 1984
00 51 21	- 74 55 59	I 11001	5599	I 9044	I 9968
00 53 48	- 01 31 00	I 11048	10133	I 1770	I 1771
00 54 36	14 30 00	I 11109	15452	I 4248	I 5418
01 23 00	- 01 46 00	I 11047	9998	I 1821	I 6084
01 31 06	30 24 00	I 11160	33600	I 2090	I 2091
01 33 40	20 42 16	I 11140	17192	I 482	I 540 I 5419
01 36 25	- 18 12 42	I 11021	6824	I 905	I 906
01 36 31	- 18 12 59	I 11321	11766	I 6952	I 6953
02 04 10	15 02 37	I 11112	24755	I 3187	I 7614
02 12 50	73 35 40	I 11314	11901	I 7584	I 10235
02 19 30	42 48 30	I 11302	5214	I 2709	I 7725
02 24 43	67 08 06	I 11312	1807	I 7285	I 7286
02 35 53	16 24 05	I 11119	7714	I 7506	I 7507 I 9562
02 35 53	16 24 04	I 11322	14886	I 5691	I 9283 I 9285
02 40 06	- 00 14 00	I 11054	3932	I 1927	I 1928
02 55 00	05 50 00	I 11074	12584	I 1824	I 6085
03 07 06	16 55 00	I 11122	2051	I 1929	I 1930
03 23 33	28 32 32	I 11157	7144	I 9041	I 9042 I 9967
03 27 48	43 44 06	I 11303	22186	I 3188	I 5174
03 29 55	- 03 28 47	I 11043	6758	I 7327	I 9469 I 9470
				I 9471	I 9472
03 31 48	- 36 18 00	I 11008	3694	I 3058	I 3059
03 34 13	00 25 29	I 11057	20226	I 3152	I 4496
03 36 42	- 26 29 00	I 11013	13799	I 2096	I 2097
03 36 59	- 01 56 17	I 11046	3909	I 3261	I 7162
03 47 21	17 06 00	I 11124	4282	I 7814	I 7815
03 52 15	30 54 01	I 11296	5192	I 4535	I 4536
03 53 00	02 42 00	I 11067	5712	I 1931	I 1932
03 56 10	10 17 32	I 11087	7648	I 2683	I 6311
03 58 30	00 17 00	I 11056	3177	I 1933	I 1934
04 00 04	25 51 47	I 11292	4261	I 3994	I 7164
04 05 27	- 12 19 34	I 11032	2938	I 3906	I 3907
04 10 48	11 05 00	I 11091	2213	I 1935	I 1936
04 18 48	- 55 04 00	I 11002	5132	I 1937	I 1938
04 20 43	- 01 27 28	I 11049	2770	I 2015	I 2016
04 22 00	00 29 00	I 11058	2526	I 1989	I 1990
04 23 57	25 53 00	I 11293	6855	I 10572	I 10573
04 30 30	05 15 00	I 11072	46145	I 350	I 351
04 30 54	18 06 32	I 11286	5257	I 3819	I 10538
04 31 24	- 13 21 00	I 11029	9632	I 2348	I 2349
04 33 42	27 02 00	I 11295	6626	I 7374	I 7375 I 7376
04 40 00	00 23 00	I 11053	3957	I 2017	I 2018
04 49 04	66 15 39	I 11311	3359	I 5097	I 5098 I 5099
04 57 00	01 43 00	I 11063	4065	I 7359	I 7360 I 7361
05 25 55	- 66 07 48	I 11319	3643	I 2395	I 2472
05 27 34	- 32 51 22	I 11009	5227	I 4497	I 4498
05 29 28	- 00 20 04	I 11266	4648	I 5100	I 5101 I 5102
05 32 59	- 05 56 28	I 11263	3879	I 5094	I 5095 I 5096
05 33 40	- 01 13 54	I 11264	11717	I 3128	I 5047
05 37 21	- 44 06 48	I 11004	7943	I 7499	I 7501
05 45 23	- 09 41 12	I 11256	14702	I 3129	I 5048
05 48 50	- 32 16 56	I 11010	5841	I 3069	I 7726
06 05 36	- 08 34 39	I 11258	9642	I 7287	I 7288 I 10684
06 07 26	- 15 42 21	I 11252	9083	I 7289	I 7290 I 10685
06 09 48	71 03 00	I 11214	3552	I 6704	I 7197
06 32 06	19 06 24	I 11288	4897	I 7291	I 7292
06 38 13	09 56 00	I 11277	4414	I 5088	I 5089 I 5090
06 42 56	- 16 35 19	I 11251	6553	I 6962	I 6963
06 43 03	- 16 48 25	I 11324	13336	I 10183	I 10184
06 49 08	- 06 54 22	I 11260	13491	I 7641	I 9937 I 9941
06 52 12	- 23 51 00	I 11246	7001	I 2281	I 2282
07 01 09	20 38 43	I 11289	7767	I 10642	I 10643

RA (1950)	DEC (1950)	MERGE SEQ#	LIVE TIME	COMPONENT SEQ#s	
07 16 38	- 24 51 42	I 11242	5508	I 5091	I 5092 I 5093
07 17 24	55 51 00	I 11180	10865	I 1837	I 3455
07 35 06	17 49 00	I 11284	3684	I 1991	I 1992
07 35 14	17 49 12	I 11325	7372	I 7496	I 7497
07 36 42	01 44 00	I 11269	4163	I 2019	I 2020
07 39 54	09 30 00	I 11275	17986	I 183	I 5170
07 40 00	29 01 00	I 11158	4063	I 2310	I 2311
07 41 48	- 28 18 00	I 11237	5182	I 784	I 3872
07 42 00	03 41 00	I 11271	13160	I 908	I 3048
07 52 08	22 08 18	I 11143	5631	I 948	I 3179
08 01 50	- 39 51 41	I 11231	6468	I 5110	I 5111 I 5112
				I 5113	
08 07 59	- 47 10 58	I 11229	4634	I 2283	I 2284
08 08 44	- 76 23 57	I 11318	1734	I 2259	I 2260
08 12 52	- 18 53 59	I 11250	9957	I 909	I 910
08 30 36	11 15 29	I 11093	4090	I 2023	I 2024
08 34 25	- 20 06 35	I 11249	3790	I 7296	I 7297
08 48 05	15 33 29	I 11115	5517	I 2025	I 2026
08 51 48	20 14 00	I 11137	20414	I 1993	I 1994
08 55 18	03 23 00	I 11070	5863	I 306	I 6118
08 55 24	18 53 00	I 11129	6921	I 2027	I 2028
08 59 55	- 14 04 00	I 11027	5515	I 3903	I 3904 I 3905
09 07 00	01 34 00	I 11062	3311	I 2029	I 2030
09 43 18	- 14 06 00	I 11026	2982	I 3060	I 3061
09 45 30	- 30 42 00	I 11232	6864	I 7199	I 9481 I 9482
				I 9483	I 9484 I 9485
10 20 48	20 07 00	I 11135	4468	I 1945	I 1946
10 54 00	07 19 00	I 11077	2977	I 915	I 916
11 01 39	38 28 43	I 11168	4172	I 5207	I 5208
11 03 24	72 50 00	I 11216	7036	I 1947	I 1948
11 11 00	22 24 00	I 11144	11634	I 2112	I 2113
11 27 36	- 14 32 53	I 11025	3170	I 7300	I 7301
11 37 09	66 04 27	I 11195	10723	I 485	I 5421
12 08 00	39 40 00	I 11170	26827	I 352	I 353
12 09 44	13 29 00	I 11104	5883	I 6974	I 6975
12 10 14	11 08 48	I 11092	7104	I 6976	I 6977
12 11 16	15 10 48	I 11113	13870	I 6978	I 6979
12 12 16	36 56 00	I 11167	6717	I 7816	I 7817
12 17 38	02 20 21	I 11066	9271	I 532	I 5423 I 9610
				I 9611	I 9612 I 9613
12 20 18	16 04 48	I 11117	2753	I 4300	I 4301
12 25 00	20 36 00	I 11139	4872	I 1995	I 1996
12 34 18	13 26 00	I 11102	5261	I 4045	I 4314
12 37 24	- 11 21 00	I 11033	6433	I 2127	I 2128
12 40 54	13 27 57	I 11103	9576	I 7013	I 7014
12 42 33	03 19 48	I 11069	12171	I 7016	I 7017
12 45 52	08 45 36	I 11082	10293	I 7022	I 7023
12 50 00	- 28 59 00	I 11012	2193	I 2267	I 2268
12 50 06	11 32 36	I 11096	12243	I 7024	I 7025
12 53 36	- 05 31 08	I 11041	28141	I 544	I 4645
13 09 24	32 28 00	I 11164	7656	I 5204	I 5205
13 27 40	- 08 18 48	I 11039	2185	I 885	I 886
13 30 18	02 19 00	I 11064	2565	I 1955	I 1956
13 35 00	52 09 40	I 11175	4326	I 2269	I 2270
13 39 24	67 56 00	I 11203	7401	I 2657	I 10548
13 40 06	05 20 00	I 11073	2851	I 1957	I 1958
13 58 58	62 25 08	I 11184	2982	I 7304	I 7305
14 00 21	16 14 21	I 11118	5320	I 3070	I 3071 I 7727
14 01 30	54 36 00	I 11178	16377	I 2140	I 2141
14 10 39	- 02 58 30	I 11323	9367	I 7204	I 9502
14 10 42	- 02 58 00	I 11045	4148	I 3062	I 3063
14 13 04	01 31 00	I 11061	4026	I 7818	I 7819
14 13 34	13 34 18	I 11105	15500	I 5143	I 8982
14 16 22	- 12 56 47	I 11031	11788	I 5347	I 10373 I 10386
				I 10387	I 10388 I 10389
14 17 00	- 19 15 00	I 11017	2903	I 1959	I 1960
14 26 34	01 30 37	I 11060	15185	I 5348	I 10374 I 10390
				I 10391	I 10392 I 10393

Table J.3 Merged Fields

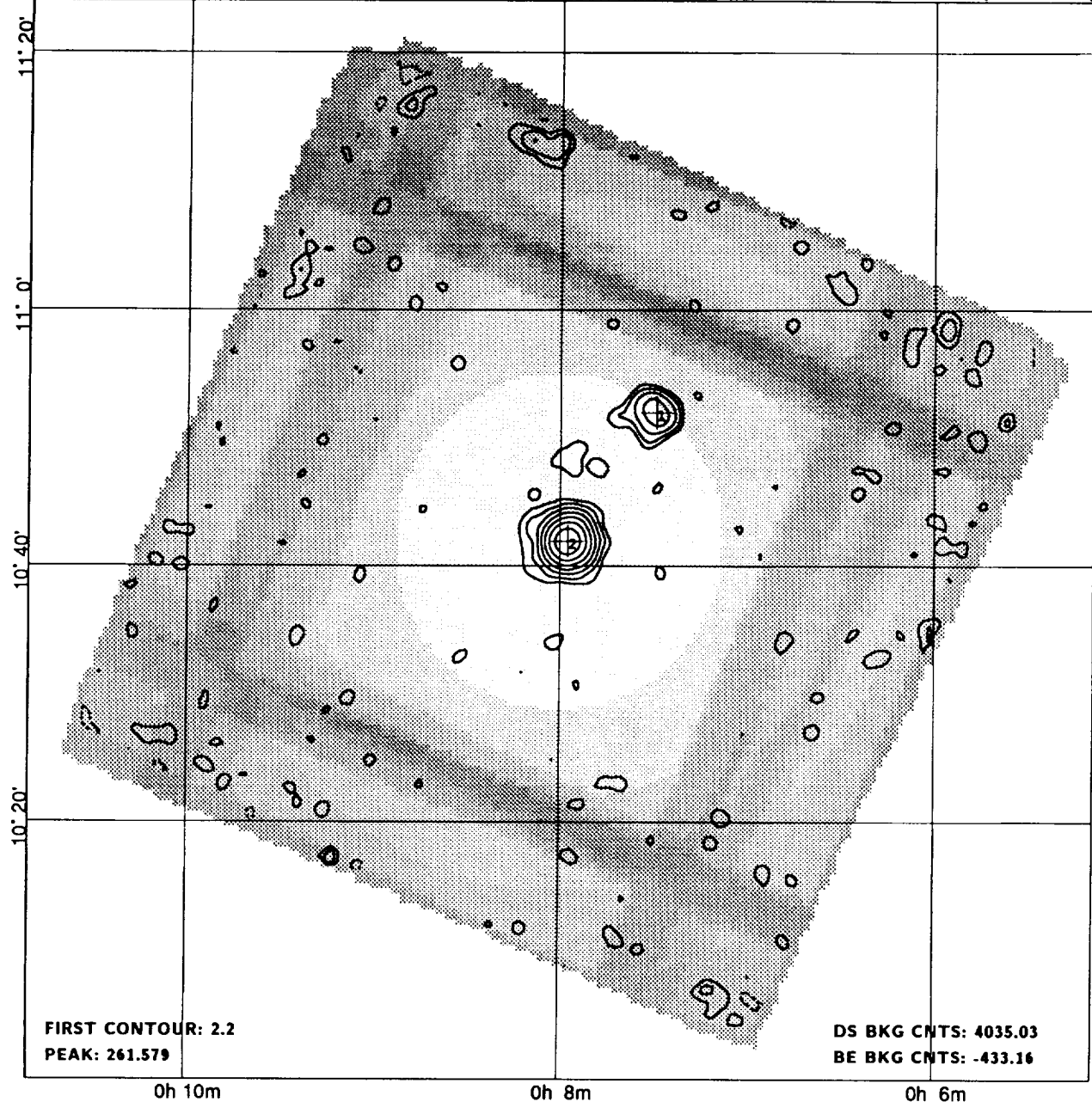
RA (1950)	DEC (1950)	MERGE SEQ#	LIVE TIME	COMPONENT SEQ#s	
14 42 48	10 09 00	I 11086	6122	12050	12051
14 50 24	16 57 00	I 11123	9799	1164	14190 16076
14 51 29	- 68 31 29	I 11221	11455	15926	15927
15 04 16	- 16 40 57	I 11023	1987	17307	17308
15 10 06	- 08 55 00	I 11037	3097	12052	12053
15 14 45	- 24 11 20	I 11326	4904	17493	19647
15 14 48	- 24 11 00	I 11014	3656	11997	11998
15 20 36	27 54 00	I 11156	9477	11795	11796
15 24 12	- 13 40 41	I 11028	2789	13910	13911
15 25 46	22 43 23	I 11145	12624	13974	110368
15 35 06	54 42 00	I 11179	2705	12627	110549
15 38 30	14 57 22	I 11110	11646	13072	13073 17728
15 45 06	21 04 00	I 11142	14295	1315	16069
15 45 30	21 02 00	I 11141	3453	12054	12055
15 56 12	27 22 00	I 11155	7070	11798	11799
16 02 48	24 04 00	I 11148	23827	12606	110543
16 11 48	34 20 18	I 11165	3671	17309	17310
16 12 08	26 26 00	I 11151	2594	12056	12057
16 13 33	65 51 26	I 11194	7884	15385 110375	110394
				I 10395 I 10396 I 10397	
16 23 19	61 37 00	I 11183	5357	14417	15583
16 24 00	- 24 19 59	I 11245	6831	19541	19542 19543
16 24 00	- 25 30 00	I 11239	3216	13828	18375
16 26 00	- 23 00 00	I 11241	1279	13829	18376
16 28 00	- 24 30 00	I 11243	4292	13830	18377
16 28 00	- 25 30 00	I 11240	493	13831	18378
16 29 10	- 21 21 40	I 11247	4901	110134	110209
16 32 46	- 28 06 51	I 11238	12783	1831	17643
16 34 24	- 10 28 00	I 11034	6652	12224 15103	15104
				I 5105	
16 41 17	39 54 11	I 11172	3985	12060	12061
16 42 25	- 03 12 31	I 11044	20119	12494	110443
16 52 12	39 50 06	I 11171	6664	15210	15211
17 04 00	60 48 00	I 11182	45973	12062 12063	15688
				I 9378	
17 27 00	50 12 00	I 11174	36508	12003	12004 19389
17 30 13	- 13 02 46	I 11254	9090	17173	110080

RA (1950)	DEC (1950)	MERGE SEQ#	LIVE TIME	COMPONENT SEQ#s	
17 40 25	67 55 56	I 11204	1146	18600	18812
17 56 56	23 43 55	I 11146	35369	15129	110755
17 59 06	- 08 57 00	I 11257	12206	12807	16417 110593
18 12 48	41 49 58	I 11173	6011	13181	13509
18 55 40	33 53 06	I 11298	3409	1891	1892
19 06 00	43 58 00	I 11304	4145	12273	12274
19 21 42	- 29 20 26	I 11234	6468	13890	13891 13892
				I 3893	
19 39 55	16 59 00	I 11281	10978	17820	17821
20 18 02	20 56 39	I 11290	10007	13506	13507
20 33 18	18 46 40	I 11287	5244	17311	17312
20 33 48	59 59 00	I 11308	33185	1422	110314 110597
20 37 36	88 02 00	I 11220	2760	11969	11970
21 30 00	09 56 00	I 11084	6416	11971	11972
21 35 01	- 14 46 27	I 11317	14392	1531	15426
21 41 13	17 29 49	I 11126	3843	19667	19668 19672
21 56 00	- 30 28 00	I 11011	15858	15201	15202
22 06 39	45 29 44	I 11305	26612	15011	15012 15013
				I 5014 I 5015 I 5016	
22 17 41	63 03 45	I 11309	13913	12577	15949
22 36 00	- 20 53 00	I 11016	5171	17380	17381 17382
22 49 30	31 29 00	I 11163	6765	17362	17363 17364
22 51 00	11 21 00	I 11094	3359	12072	12073
22 51 30	15 52 55	I 11116	4089	1492	13908
22 54 46	07 27 11	I 11078	2823	13074	13075
23 00 00	58 35 59	I 11307	8253	19984	19985 19986
23 00 44	08 36 31	I 11081	3930	11977	11978
23 15 48	- 42 38 00	I 11005	3634	13066	13067
23 29 20	19 39 42	I 11134	9513	16972	16973
23 33 48	20 15 00	I 11138	7651	1156	17702
23 35 00	15 33 00	I 11114	3822	1155	17704
23 35 34	03 10 24	I 11068	9615	13076	13077 17730
23 40 00	75 16 00	I 11315	4836	17356	17357 17358
23 45 00	- 16 48 00	I 11022	3358	12076	12077
23 45 57	18 27 30	I 11127	3616	11981	11982
23 53 30	07 15 00	I 11076	4653	12651	13167

(0h 8m)

I 11089

(0h 8m)



MERGED FIELD; component Seq's: I 2634, I 6710.

FIELD CENTER: 00^h08^m00.0^s 10°41'59" (B1950)
 00^h10^m34.3^s 10°58'41" (J2000)
l: 107.00 *b*: -50.63

DATE: 1979/172 - 1980/168
 LIVETIME: 3269.7s

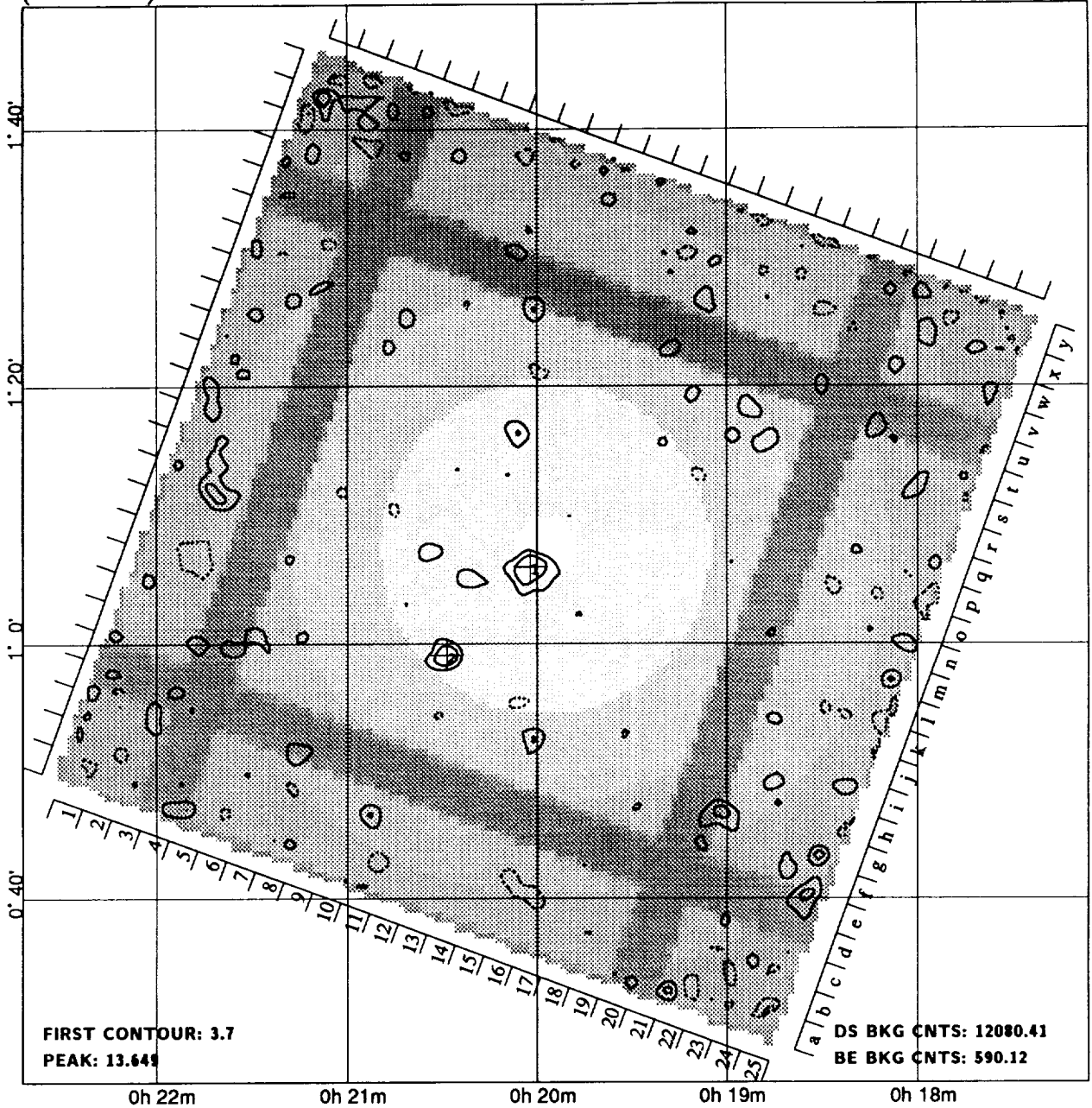
NH: 5.9E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
25	1	00 07 28.9	10 51 58	38	0.0525	0.0052	108.4	7.6	10.1	1.3	0	12.6	
29	2	00 07 57.5	10 41 57	31	0.431	0.013	1051.3	8.7	32.3	1.2	0	0.7	*

(0h 19m)

I 11059

(0h 19m)



MERGED FIELD; component Seq's: I 5114, I 0452.

FIELD CENTER: 00^h19^m54.0^s 01°07'41" (B1950)
 00^h22^m27.9^s 01°24'20" (J2000)
 l : 108.04 b : -60.63

DATE: 1980/168 - 1980/173
 LIVETIME: 9789.1s
 ROLL ANGLE: -69.9°

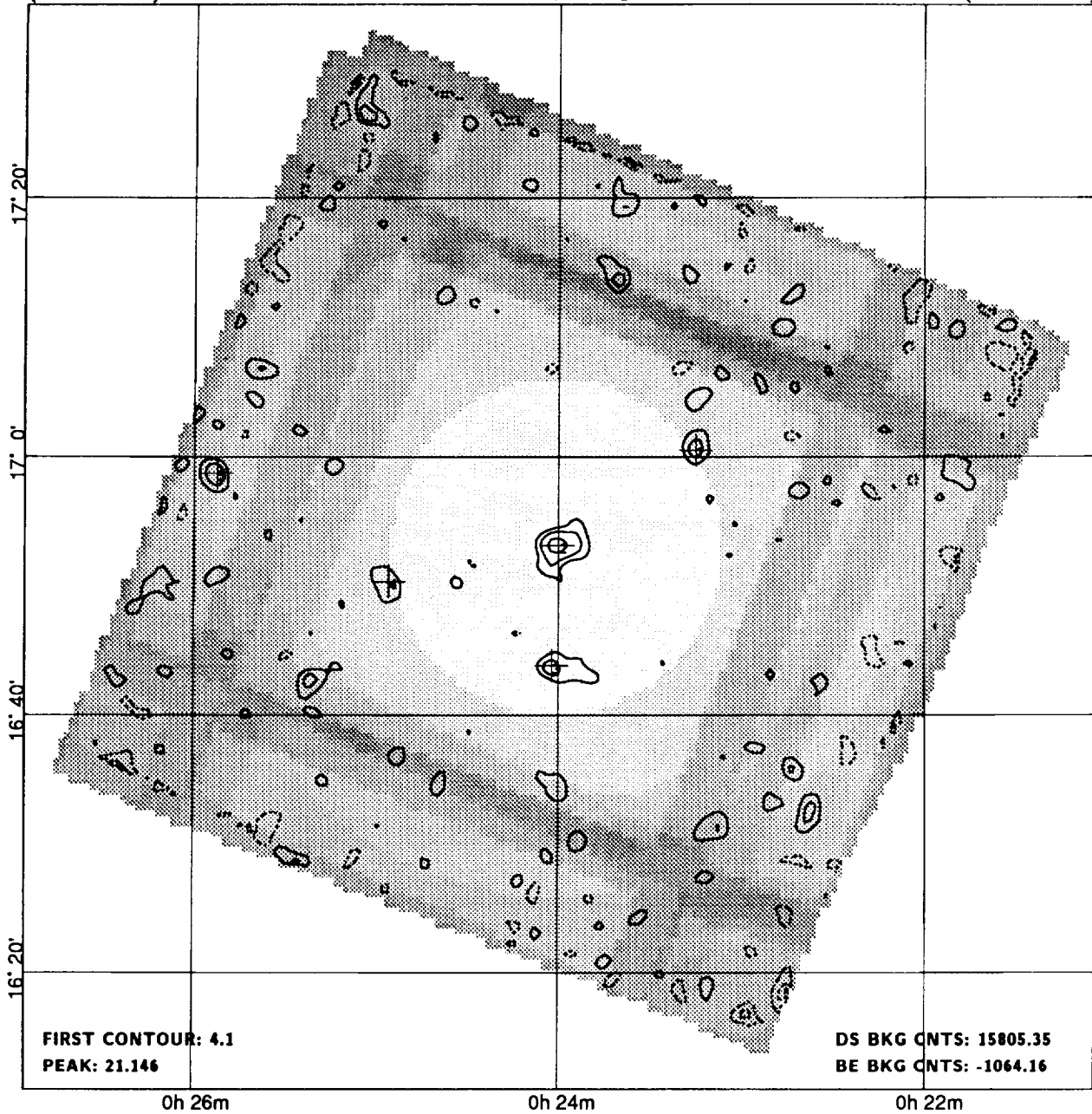
NH: 2.8E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID
75	1	00 20 02.1	01 05 54	35	0.0078	0.0013	56.5	30.5	6.1	1.1	0	2.6		
79	2	00 20 28.6	00 59 02	42	0.0063	0.0013	40.0	28.0	4.9	0.7	0	12.1		Q

(0h 24m)

I 11120

(0h 24m)



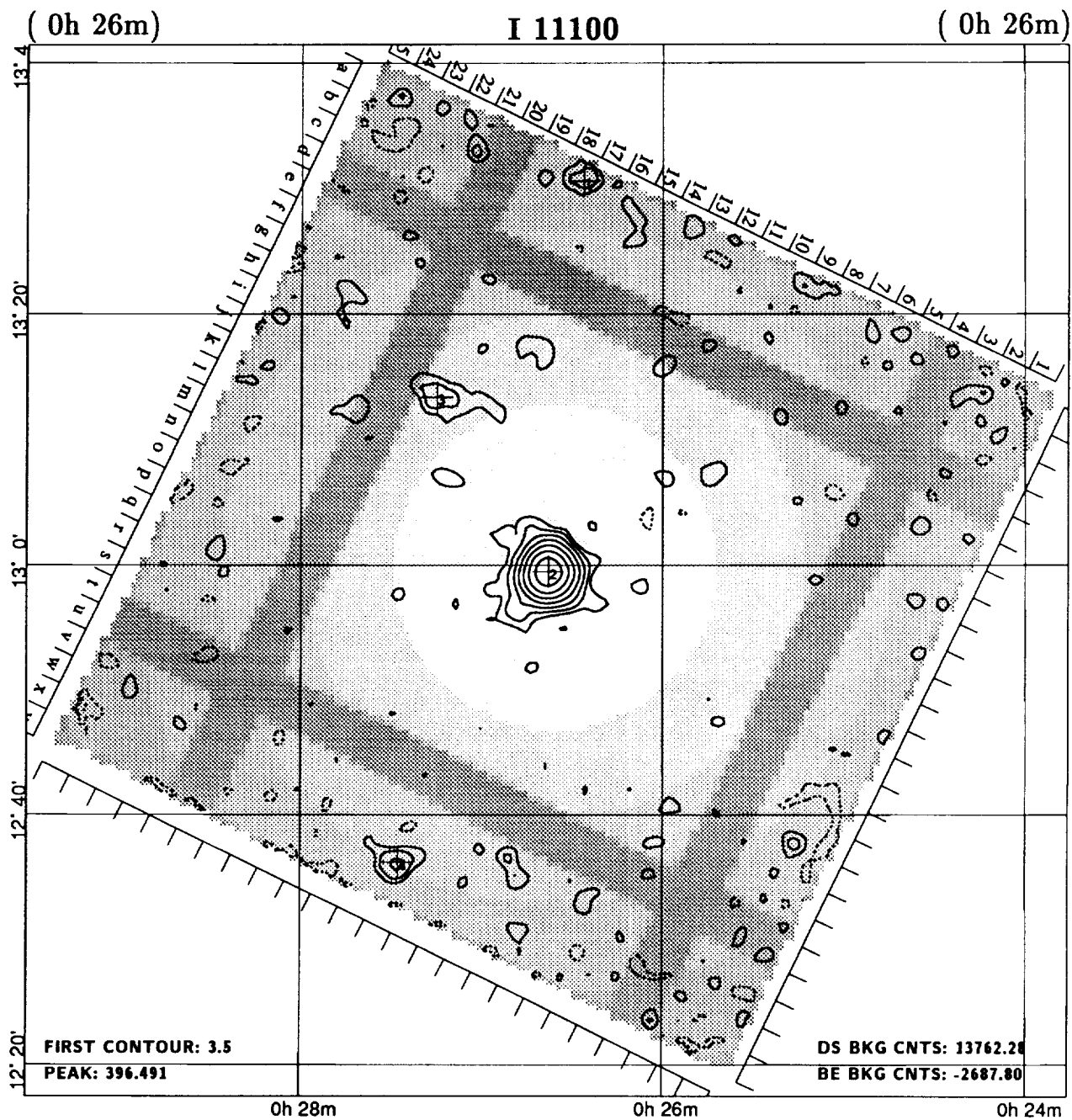
MERGED FIELD; component Seq's: I 1810, I 1811.

FIELD CENTER: 00^h24^m00.0^s 16°52'59" (B1950)
 00^h26^m36.0^s 17°09'36" (J2000)
 l : 114.48 b : -45.30

DATE: 1979/172 - 1980/ 2
 LIVETIME: 12807.5s

NH: 4.2E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
86	1	00 23 14.8	17 00 31	42	0.00380	0.00098	30.3	30.7	3.9	0.6	0	13.4	
87	2	00 24 00.0	16 53 10	33	0.0087	0.0011	-83.7	36.3	7.6	1.2	0	0.2	CLG
88	3	00 24 02.0	16 43 47	42	0.00432	0.00099	37.4	35.6	4.4	1.1	0	9.2	
0	4	00 24 56.0	16 50 22	43	0.0044	0.0010	34.5	33.5	4.2	0.7	0	13.7	
0	5	00 25 52.4	16 58 44	57	0.0049	0.0014	24.7	22.3	3.6	0.7	0	27.7	



MERGED FIELD; component Seq's: I 5417, I 9550, I 9551, I 9552, I 9553.

FIELD CENTER: $00^{\text{h}}26^{\text{m}}38.0^{\text{s}}$ $12^{\circ}59'29''$ (B1950)
 $00^{\text{h}}29^{\text{m}}13.7^{\text{s}}$ $13^{\circ}16'03''$ (J2000)
 $l: 114.64$ $b: -49.25$

DATE: 1981/ 4 - 1981/ 4
 LIVETIME: 11151.9s
 ROLL ANGLE: 116.0°

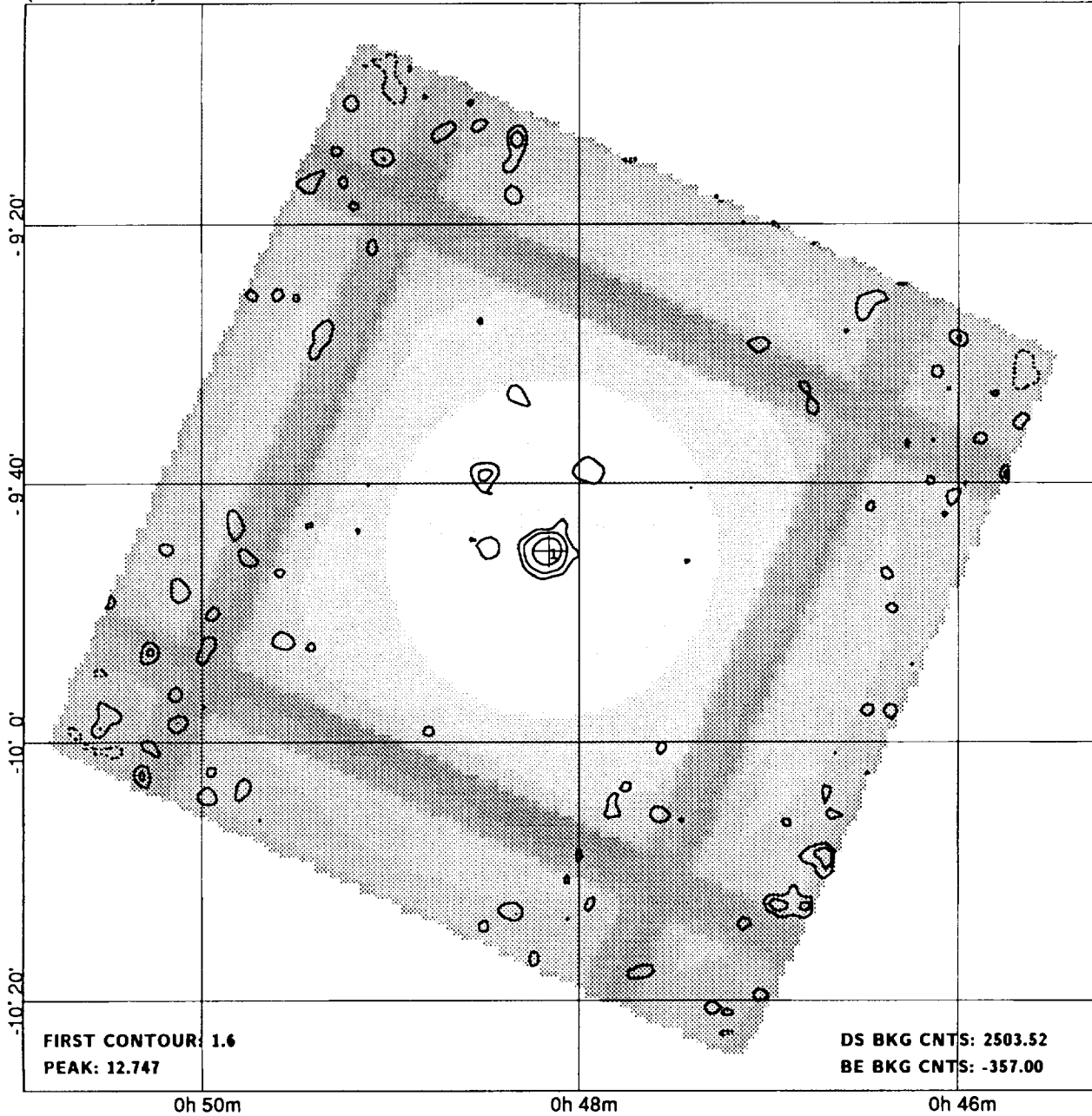
NH: $4.6\text{E}+20$
 REF/ID: Q
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
0	1	00 26 26.3	13 30 38	59	0.0059	0.0016	21.7	13.3	3.7	0.9	400	31.5	
93	2	00 26 37.9	12 59 30	31	0.2101	0.0051	1744.7	26.3	41.5	1.4	0	0.2	Q
0	3	00 27 15.0	13 13 18	51	0.0058	0.0012	36.6	19.4	4.9	1.7	0	15.8	
0	4	00 27 27.6	12 36 13	51	0.0073	0.0016	32.7	19.3	4.5	1.0	0	26.3	

(0h 48m)

I 11036

(0h 48m)



MERGED FIELD; component Seq's: I 1983, I 1984.

FIELD CENTER: $00^h 48^m 06.0^s$ $-09^\circ 44' 59''$ (B1950)
 $00^h 50^m 37.3^s$ $-09^\circ 28' 40''$ (J2000)
 $l: 122.27$ $b: -72.35$

DATE: 1979/178 - 1979/353
 LIVETIME: 2028.7s

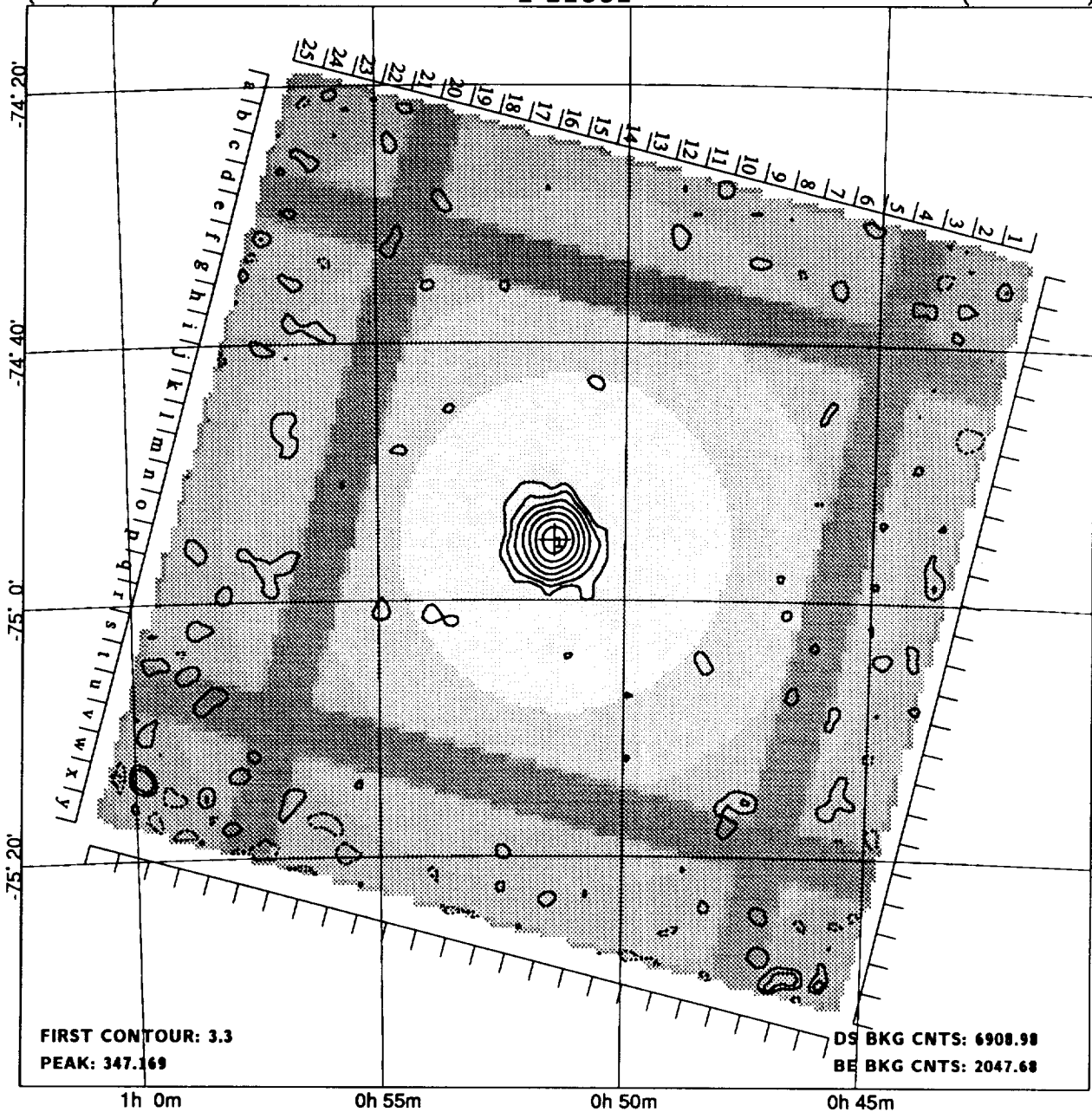
NH: $3.7E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
197	1	00 48 09.6	-09 45 15	35	0.0364	0.0051	55.2	4.8	7.1	1.2	0	0.9	

(0h 51m)

I 11001

(0h 51m)



MERGED FIELD; component Seq's: I 9044, I 9968.

FIELD CENTER: $00^h 51^m 21.0^s$ $-74^\circ 55' 59''$ (B1950)
 $00^h 52^m 59.3^s$ $-74^\circ 39' 42''$ (J2000)
 $l: 302.79$ $b: -42.47$

DATE: 1980/360 - 1980/360
 LIVETIME: 5598.5s
 ROLL ANGLE: 104.2°

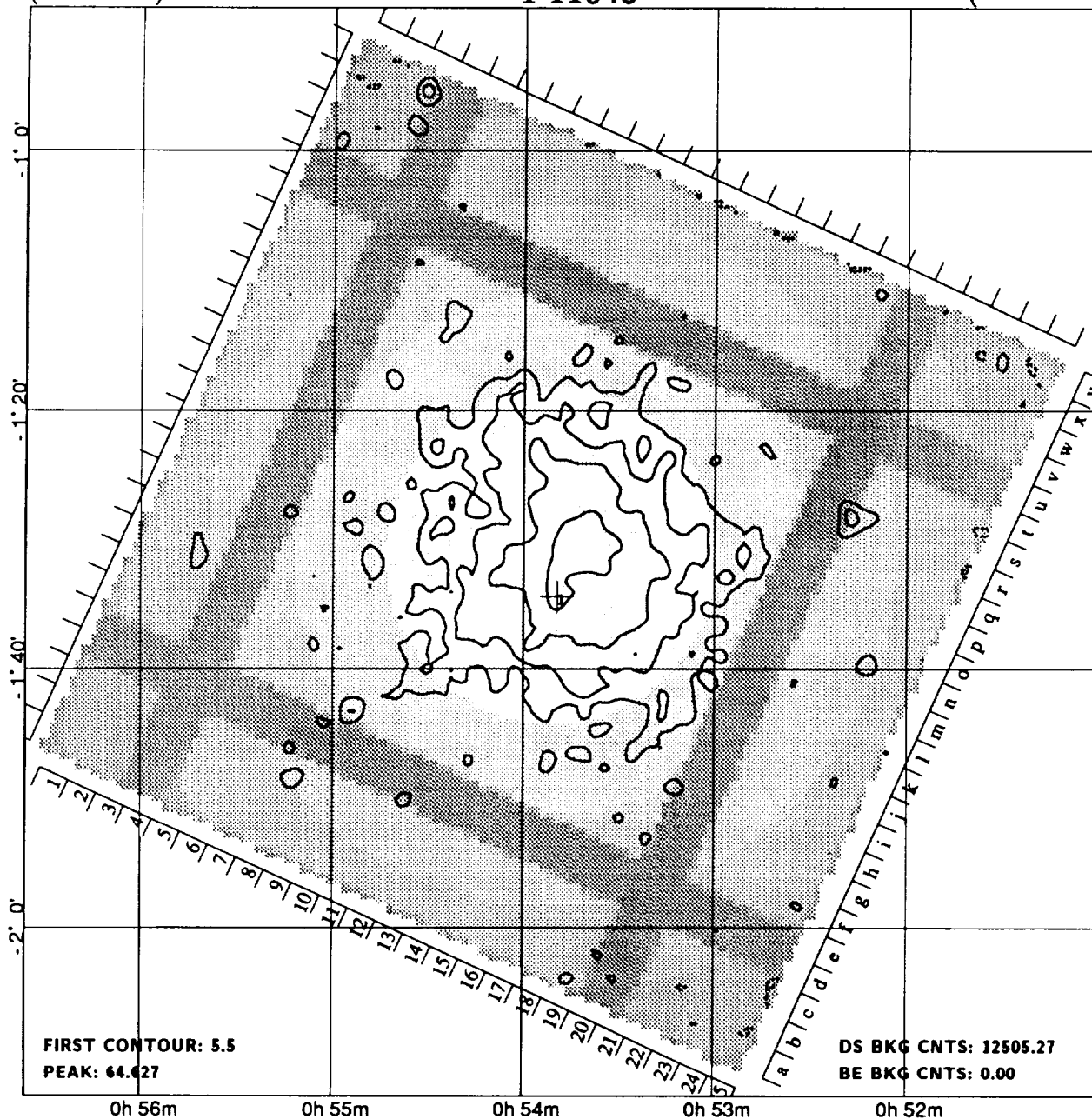
NH: $4.6E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
214	1	00 51 25.8	-74 55 19	31	0.3570	0.0093	1486.9	25.1	38.2	1.5	0	0.8	S

(0h 53m)

I 11048

(0h 53m)



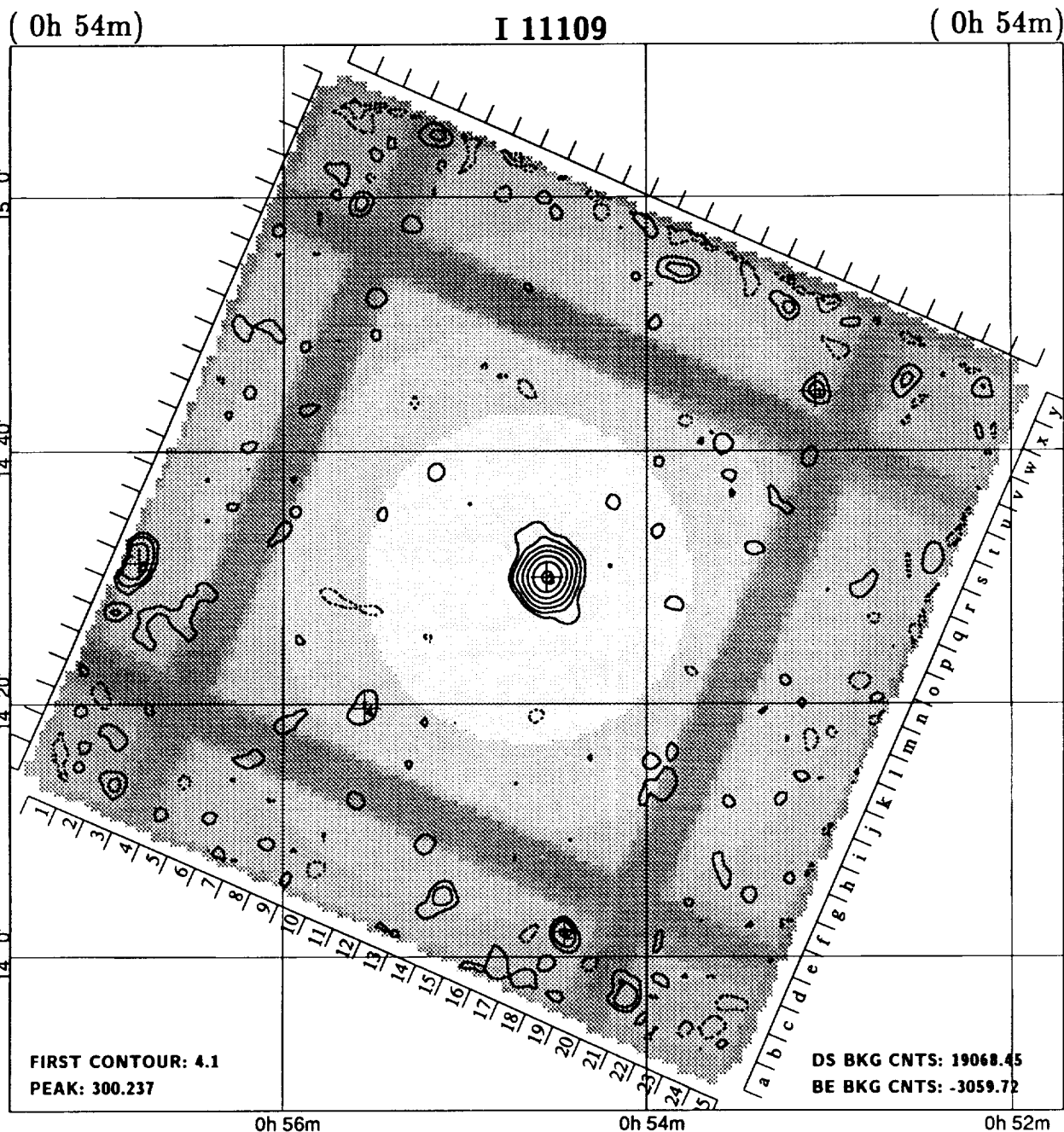
MERGED FIELD; component Seq's: I 1770, I 1771.

FIELD CENTER: $00^h 53^m 48.0^s -01^\circ 30' 59''$ (B1950)
 $00^h 56^m 21.4^s -01^\circ 14' 46''$ (J2000)
 $l: 125.75 \quad b: -64.09$

DATE: 1979/172 - 1980/171
 LIVETIME: 10133.4s
 ROLL ANGLE: -65.6°

NH: $3.4E+20$
 REF/ID: I
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
0	1L	00 53 49.4	-01 34 22	31	0.0113	0.0030	83.7	219.3	3.7	24.9	0	3.4		CLG



MERGED FIELD; component Seq's: I 4248, I 5418.

FIELD CENTER: $00^h 54^m 36.0^s$ $14^\circ 29' 59''$ (B1950)
 $00^h 57^m 14.0^s$ $14^\circ 46' 12''$ (J2000)
 $l: 125.03$ $b: -48.08$

DATE: 1979/183 - 1980/204
 LIVETIME: 15451.7s
 ROLL ANGLE: -66.3°

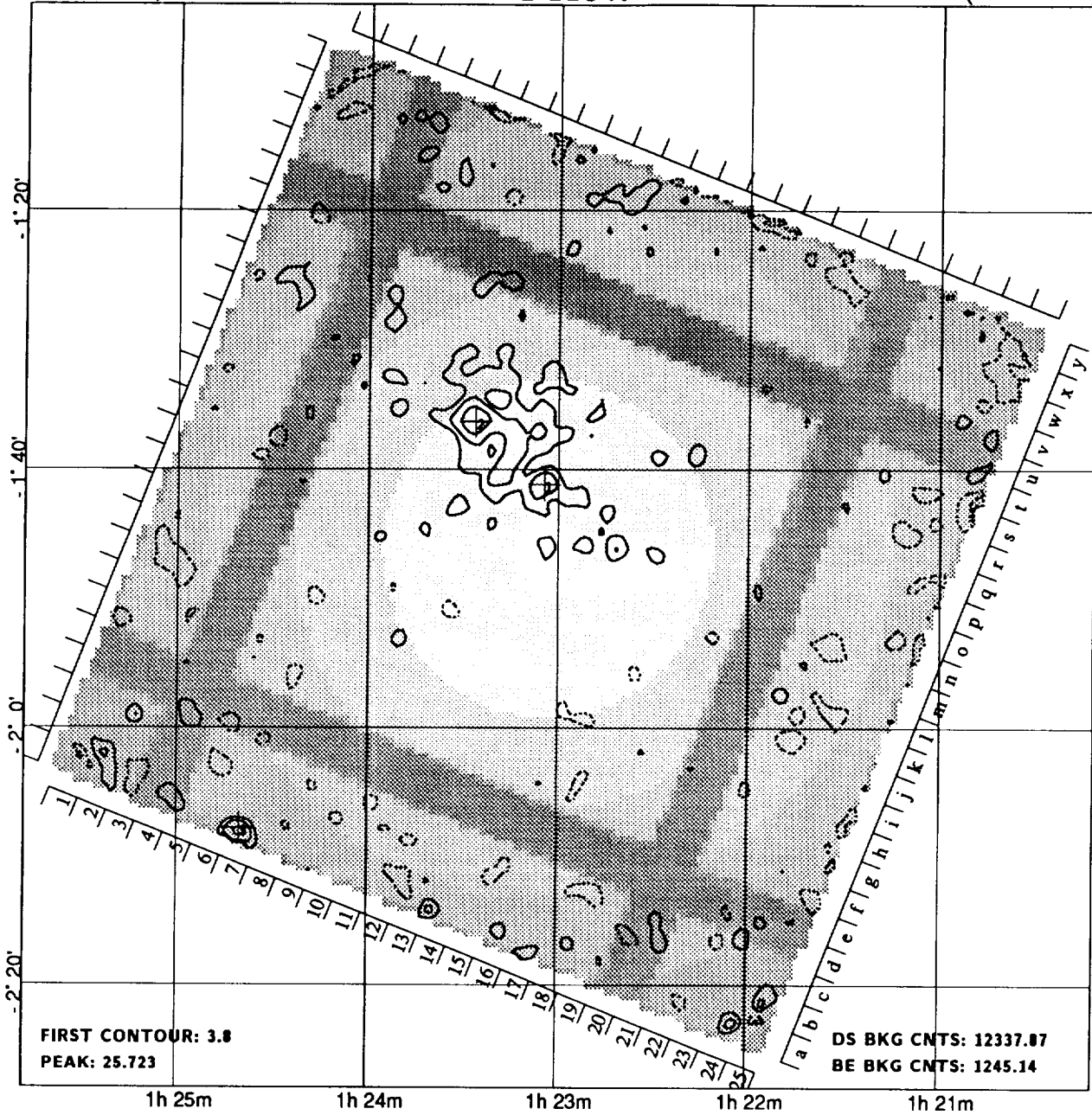
NH: $4.5E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
0	1	00 53 04.5	14 44 39	58	0.0041	0.0011	25.0	24.0	3.6	0.7	200	26.5		
231	2	00 54 27.2	14 02 01	53	0.0051	0.0013	30.2	24.8	4.1	0.8	0	27.7		
233	3	00 54 33.1	14 30 04	31	0.1085	0.0031	1241.8	39.2	34.7	1.2	0	0.7		Q
0	4	00 55 33.2	14 19 40	55	0.00358	0.00090	31.3	30.7	4.0	0.7	0	17.4		
242	5	00 56 47.3	14 31 10	51	0.0118	0.0018	55.8	20.2	6.4	1.1	500	31.9		

(1h 23m)

I 11047

(1h 23m)



MERGED FIELD; component Seq's: I 1821, I 6084.

FIELD CENTER: $01^{\text{h}}23^{\text{m}}00.0^{\text{s}}$ $-01^{\circ}45'59''$ (B1950)
 $01^{\text{h}}25^{\text{m}}33.1^{\text{s}}$ $-01^{\circ}30'24''$ (J2000)
 $l: 142.06$ $b: -63.10$

DATE: 1979/179 - 1980/196
 LIVETIME: 9997.7s
 ROLL ANGLE: -68.4°

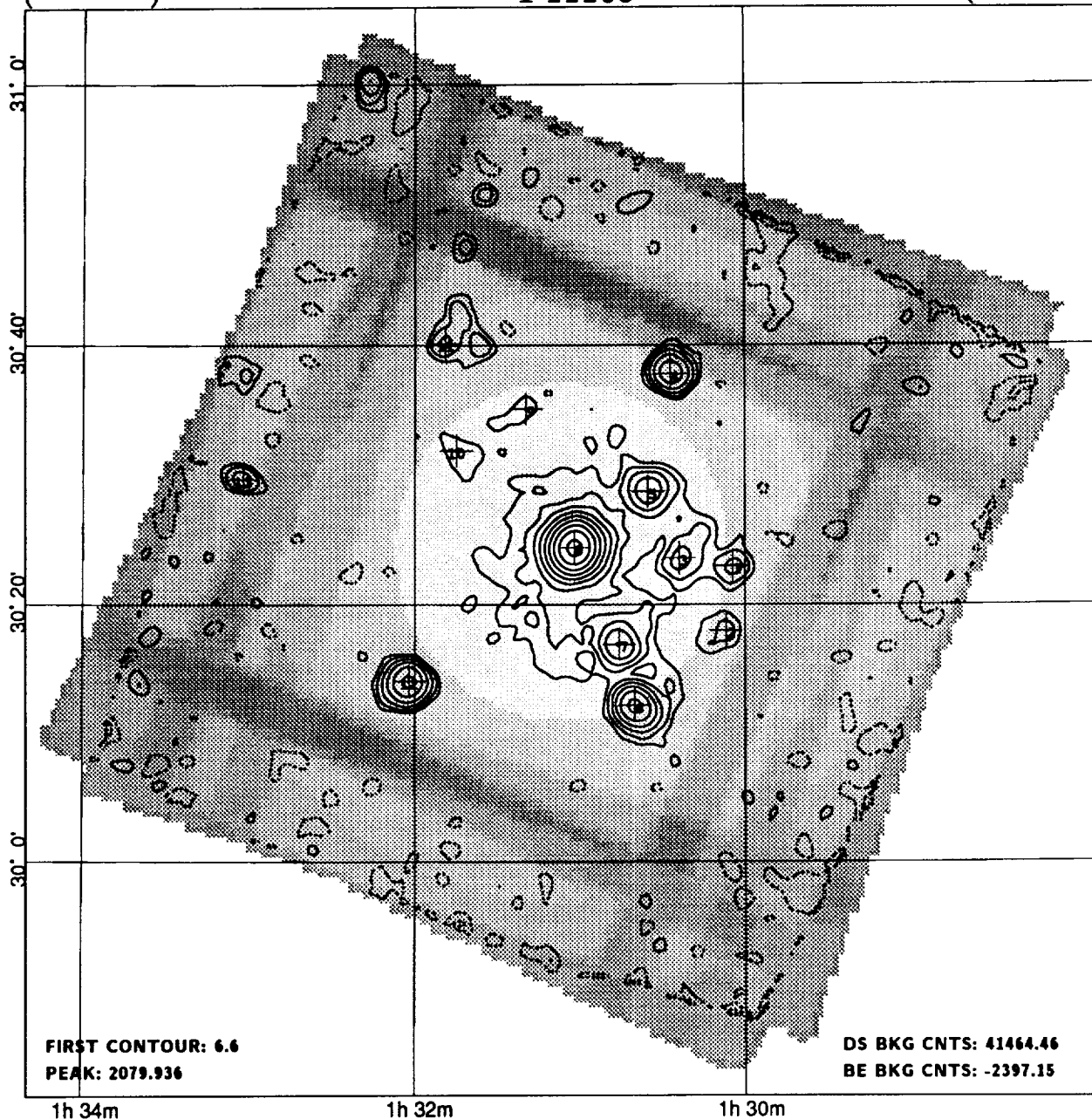
NH: $4.2\text{E}+20$
 REF/ID: CLG
 FIELD FLAGS: D

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID FLG
385	1	01 23 04.4	-01 41 10	41	0.0071	0.0013	51.0	36.0	5.5	8.4	0	5.1		
386	2	01 23 26.4	-01 36 16	38	0.0149	0.0018	96.4	31.6	8.5	4.3	0	11.9		
389	3	01 24 40.3	-02 07 49	55	0.0088	0.0022	26.0	15.0	4.1	0.8	300	33.3		

(1h 31m)

I 11160

(1h 31m)



MERGED FIELD; component Seq's: I 2090, I 2091.

FIELD CENTER: 01^h 31^m 06.0^s 30° 23' 59" (B1950)
 01^h 33^m 55.2^s 30° 39' 21" (J2000)
 l : 133.63 b : -31.33

DATE: 1979/212 - 1980/ 12
 LIVETIME: 33599.7s

NH: 6.3E+20
 REF/ID:
 FIELD FLAGS: D

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
401	1	01 30 04.4	30 22 56	41	0.00567	0.00067	117.8	77.2	8.4	105.7	0	13.2	*
402	2	01 30 06.8	30 17 59	42	0.00314	0.00058	63.8	76.2	5.4	1.0	0	14.3	*
403	3	01 30 23.9	30 23 33	38	0.00603	0.00066	137.0	89.0	9.1	92.5	0	8.9	*
404	4	01 30 27.1	30 37 49	47	0.0273	0.0013	527.3	76.7	21.5	1.0	0	16.3	*
406	5	01 30 35.2	30 28 42	38	0.01609	0.00093	371.8	87.2	17.4	35.1	0	8.0	*
407	6	01 30 40.1	30 12 09	37	0.0396	0.0014	826.0	79.0	27.5	14.6	0	13.1	*
408	7	01 30 45.7	30 16 55	38	0.01762	0.00097	404.9	88.1	18.2	31.4	0	8.3	*
409	8	01 31 02.0	30 24 20	31	0.3435	0.0037	8604.3	95.7	92.2	1.6	0	0.8	*
416	9	01 31 19.6	30 35 04	48	0.00197	0.00052	43.1	85.9	3.8	0.8	0	11.5	*
421	10	01 31 44.9	30 31 49	47	0.00215	0.00051	47.1	79.9	4.2	0.9	0	10.6	*

Source Table cont.

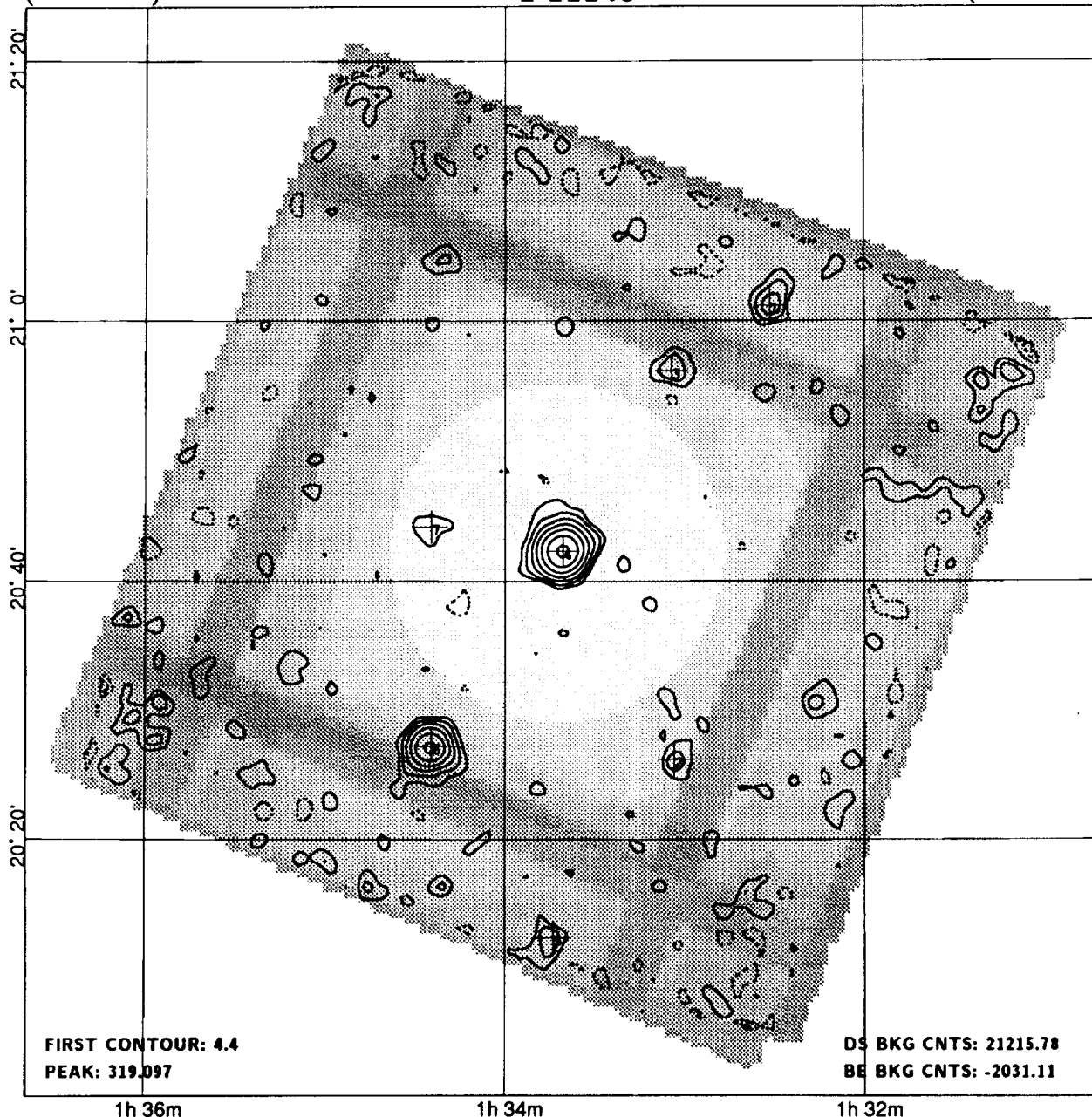
I 11160 cont.

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
424	11	01 31 48.8	30 40 07	50	0.00492	0.00071	89.0	76.0	6.9	1.9	0	18.6		*
425	12	01 32 02.1	30 14 01	47	0.0388	0.0015	758.9	75.1	26.3	1.1	0	15.7		*
432	13	01 33 02.2	30 29 38	50	0.00521	0.00083	74.0	64.0	6.3	0.8	0	25.9		S

(1h 33m)

I 11140

(1h 33m)



MERGED FIELD; component Seq's: I 482, I 540, I 5419.

FIELD CENTER: 01^h33^m40.3^s 20°42'15" (B1950)
 01^h36^m24.3^s 20°57'33" (J2000)
 l : 136.83 b : -40.70

DATE: 1979/ 12 - 1980/212
 LIVETIME: 17191.7s

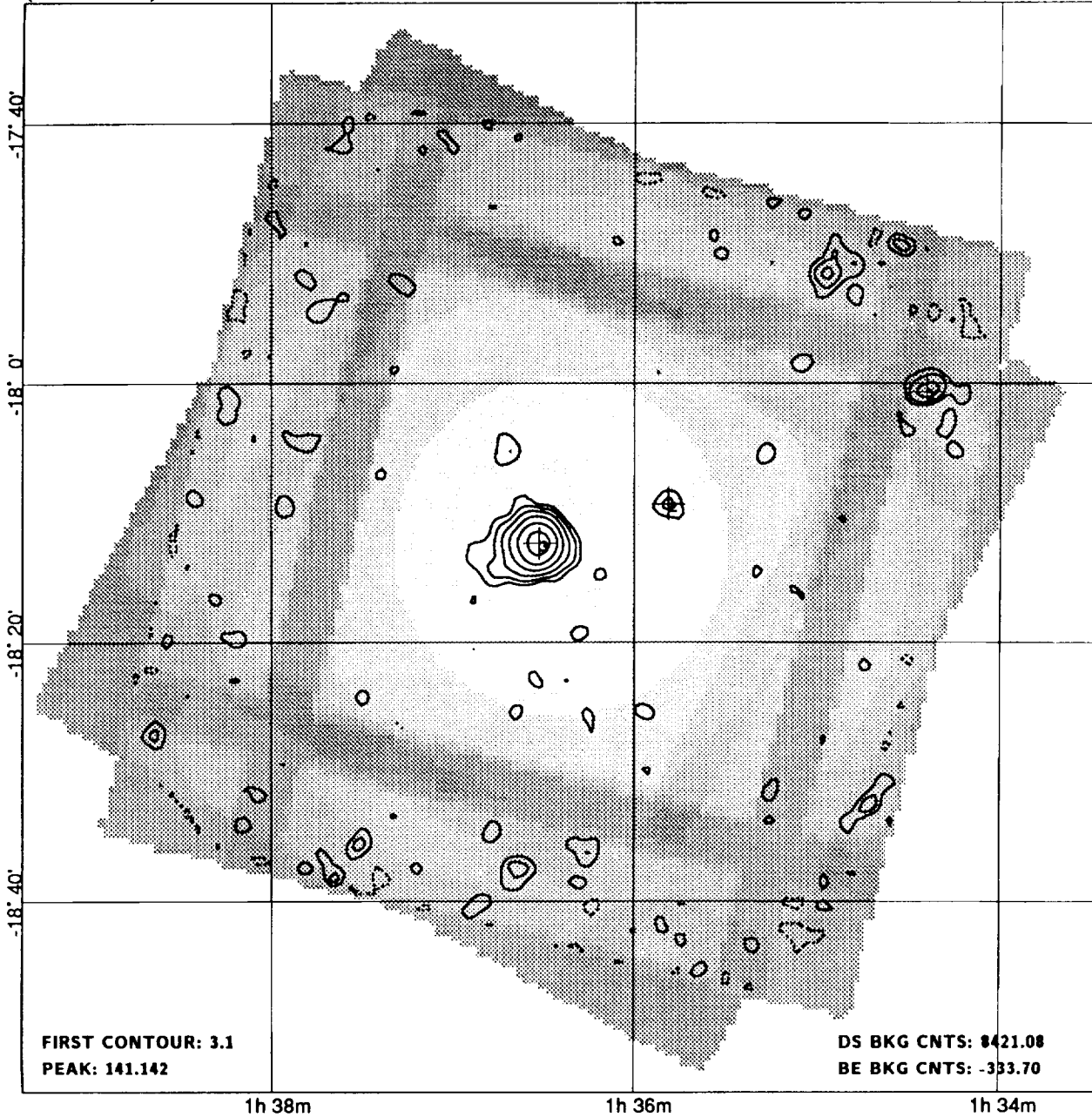
NH: 5.8E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
427	1	01 32 31.3	21 01 08	50	0.0083	0.0013	60.5	31.5	6.3	1.0	0	24.8	
0	2	01 33 03.4	20 26 08	52	0.00368	0.00090	34.0	35.0	4.1	0.9	200	18.3	
0	3	01 33 04.2	20 56 10	51	*0.00466	0.00091	45.3	33.7	5.1	0.9	401	16.3	
437	4	01 33 40.7	20 42 16	31	0.1046	0.0029	1342.5	46.5	36.0	1.2	0	0.2	Q
438	5	01 33 43.8	20 12 23	62	0.0050	0.0013	30.0	29.0	3.9	1.1	0	29.7	
442	6	01 34 24.7	20 27 12	47	0.0501	0.0024	471.0	32.0	21.0	1.1	400	18.4	S
443	7	01 34 24.7	20 44 08	46	0.00258	0.00072	29.5	38.5	3.6	0.7	0	10.7	

(1h 36m)

I 11021

(1h 36m)



MERGED FIELD; component Seq's: I 905, I 906.

FIELD CENTER: $01^{\text{h}}36^{\text{m}}25.0^{\text{s}}$ $-18^{\circ}12'41''$ (B1950)
 $01^{\text{h}}38^{\text{m}}49.7^{\text{s}}$ $-17^{\circ}57'28''$ (J2000)
 $l: 175.38$ $b: -75.74$

DATE: 1978/357 - 1980/ 21
 LIVETIME: 6824.0s

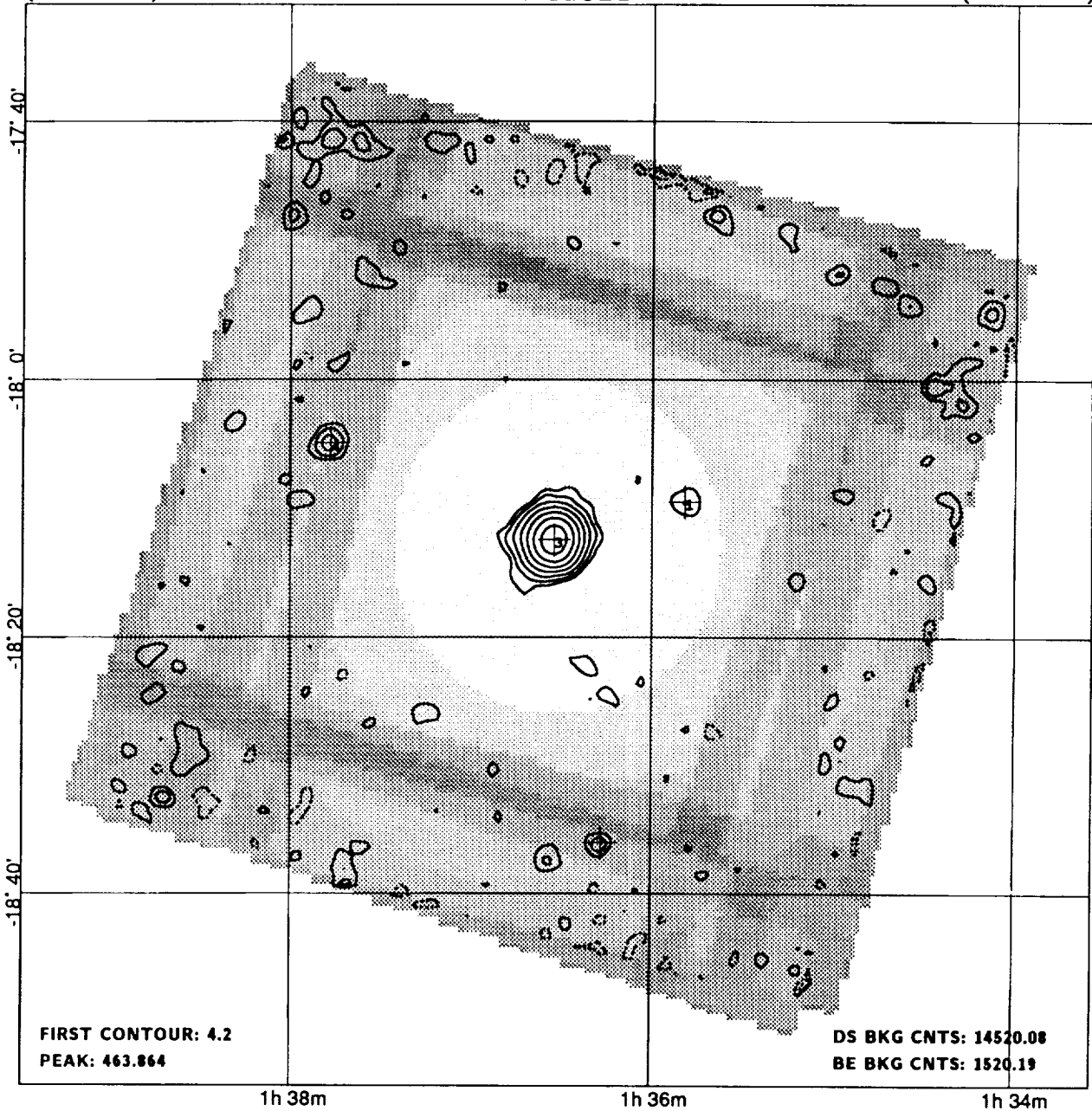
NH: $1.4\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
441	1	01 34 23.9	-18 00 39	53	*0.0117	0.0026	26.9	9.1	4.5	1.0	1207	31.5	
0	2	01 35 48.8	-18 09 18	43	0.0062	0.0015	28.6	19.4	4.1	0.6	0	9.4	
455	3	01 36 31.4	-18 12 22	31	0.1248	0.0050	630.7	19.3	24.7	1.5	0	1.8	S

(1h 36m)

I 11321

(1h 36m)



MERGED FIELD; component Seq's: I 6952, I 6953.

FIELD CENTER: $01^{\text{h}}36^{\text{m}}31.2^{\text{s}}$ $-18^{\circ}12'58''$ (B1950)
 $01^{\text{h}}38^{\text{m}}55.9^{\text{s}}$ $-17^{\circ}57'46''$ (J2000)
 $l: 175.47$ $b: -75.72$

DATE: 1980/203 - 1981/ 25
 LIVETIME: 11766.1s

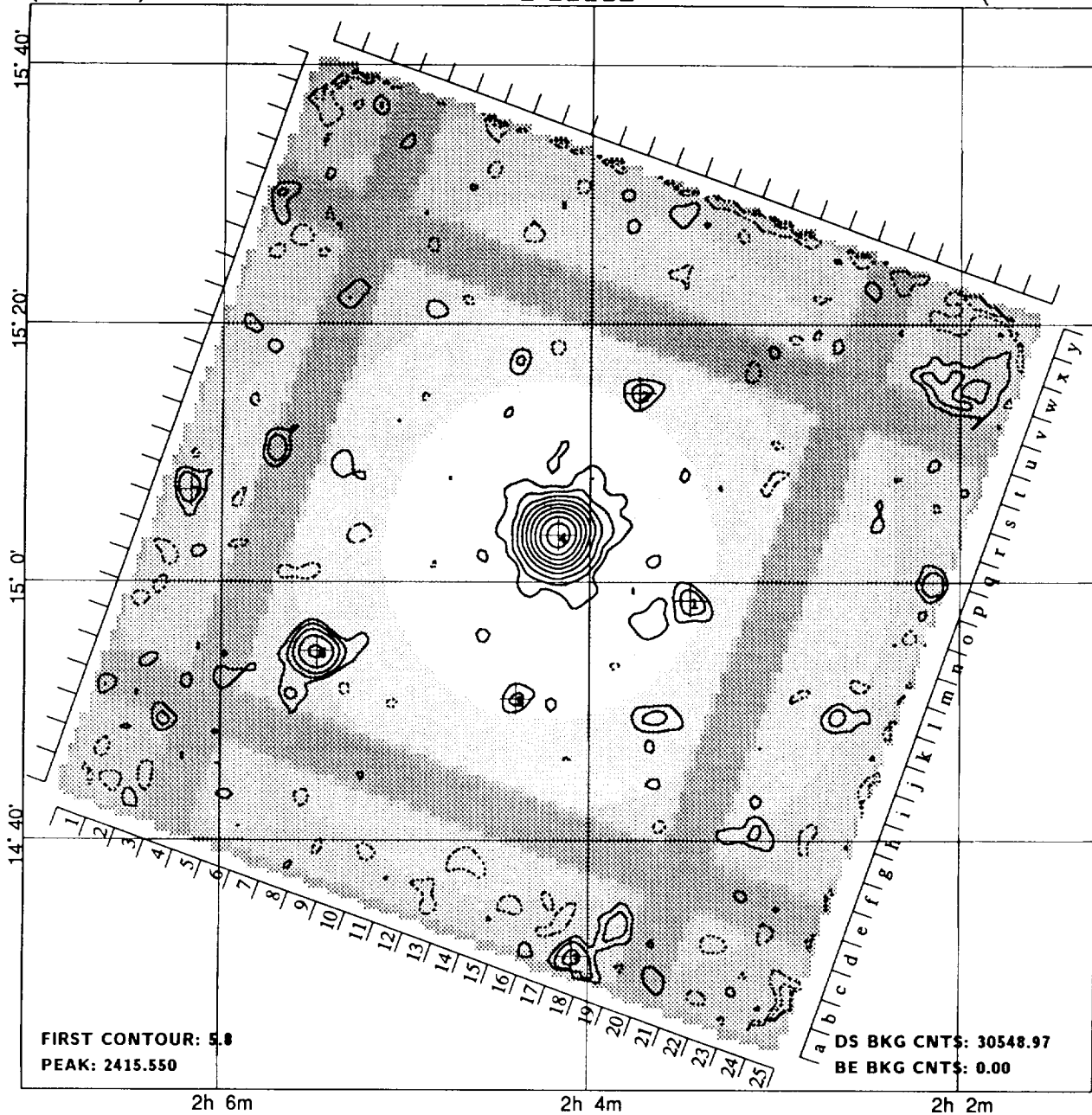
NH: 1.4E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
0	1	01 35 49.1	-18 09 31	43	0.0046	0.0011	36.1	36.9	4.2	0.6	0	10.6	
451	2	01 36 16.7	-18 36 04	66	*0.0047	0.0012	25.1	19.9	3.7	0.6	1509	23.3	
455	3	01 36 32.5	-18 12 25	31	0.2370	0.0052	2082.8	40.2	45.2	1.4	0	0.8	S
459	4	01 37 46.7	-18 04 54	50	*0.0083	0.0014	50.7	24.3	5.9	0.8	1609	19.8	

(2h 4m)

I 11112

(2h 4m)



MERGED FIELD; component Seq's: I 3187, I 7614.

FIELD CENTER: 02^h04^m10.0^s 15°02'36" (B1950)
 02^h06^m53.2^s 15°16'52" (J2000)
 l : 148.54 b : -43.81

DATE: 1979/204 - 1980/202
 LIVETIME: 24754.6s
 ROLL ANGLE: -70.4°

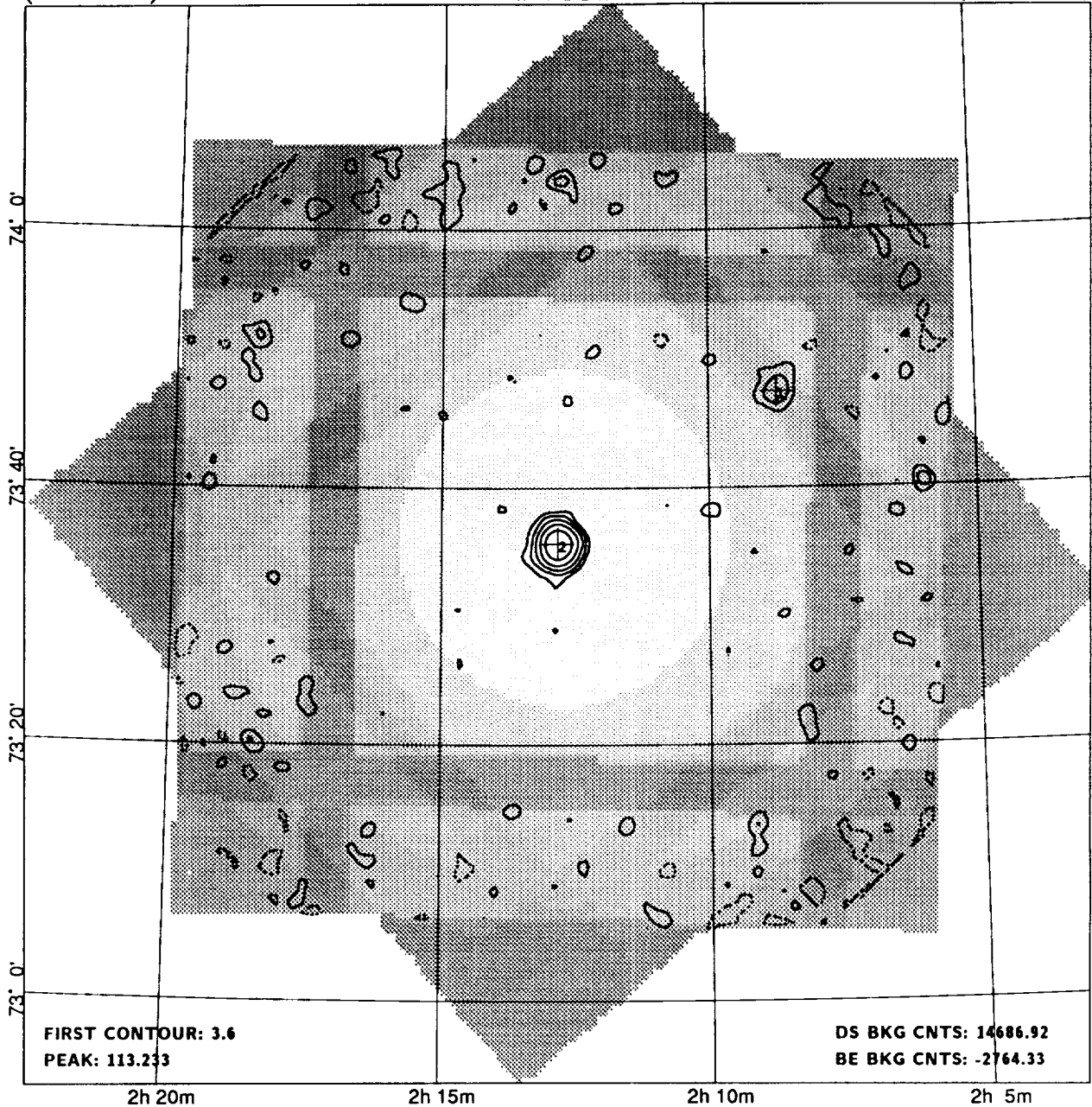
NH: 6.1E+20
 REF/ID: CV
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
0	1L	02 03 27.3	14 58 34	41	0.00329	0.00089	52.6	75.4	3.6	0.9	0	11.1	
519	2L	02 03 43.9	15 14 36	42	0.00358	0.00090	53.5	63.5	3.9	0.7	0	13.5	
521	3L	02 04 05.2	14 31 00	54	0.0076	0.0016	56.8	38.2	4.6	1.7	200	31.6	
522	4L	02 04 10.3	15 03 39	31	0.5214	0.0063	9554.8	825.2	83.3	1.2	0	1.1	S
523	5L	02 04 23.8	14 50 54	42	0.00408	0.00087	64.9	62.1	4.6	0.7	0	12.3	
528	6L	02 05 28.8	14 54 39	47	0.0223	0.0018	283.2	90.8	12.4	1.3	0	20.7	
0	7L	02 06 09.9	15 07 08	57	0.0044	0.0012	40.7	40.3	3.6	0.9	0	29.3	

(2h 12m)

I 11314

(2h 12m)



MERGED FIELD; component Seq's: I 7584, I 10235.

FIELD CENTER: $02^h 12^m 49.9^s$ $73^\circ 35' 39''$ (B1950)
 $02^h 17^m 30.8^s$ $73^\circ 49' 32''$ (J2000)
 $l: 128.93$ $b: 11.96$

DATE: 1980/ 73 - 1981/ 16
 LIVETIME: 11901.2s

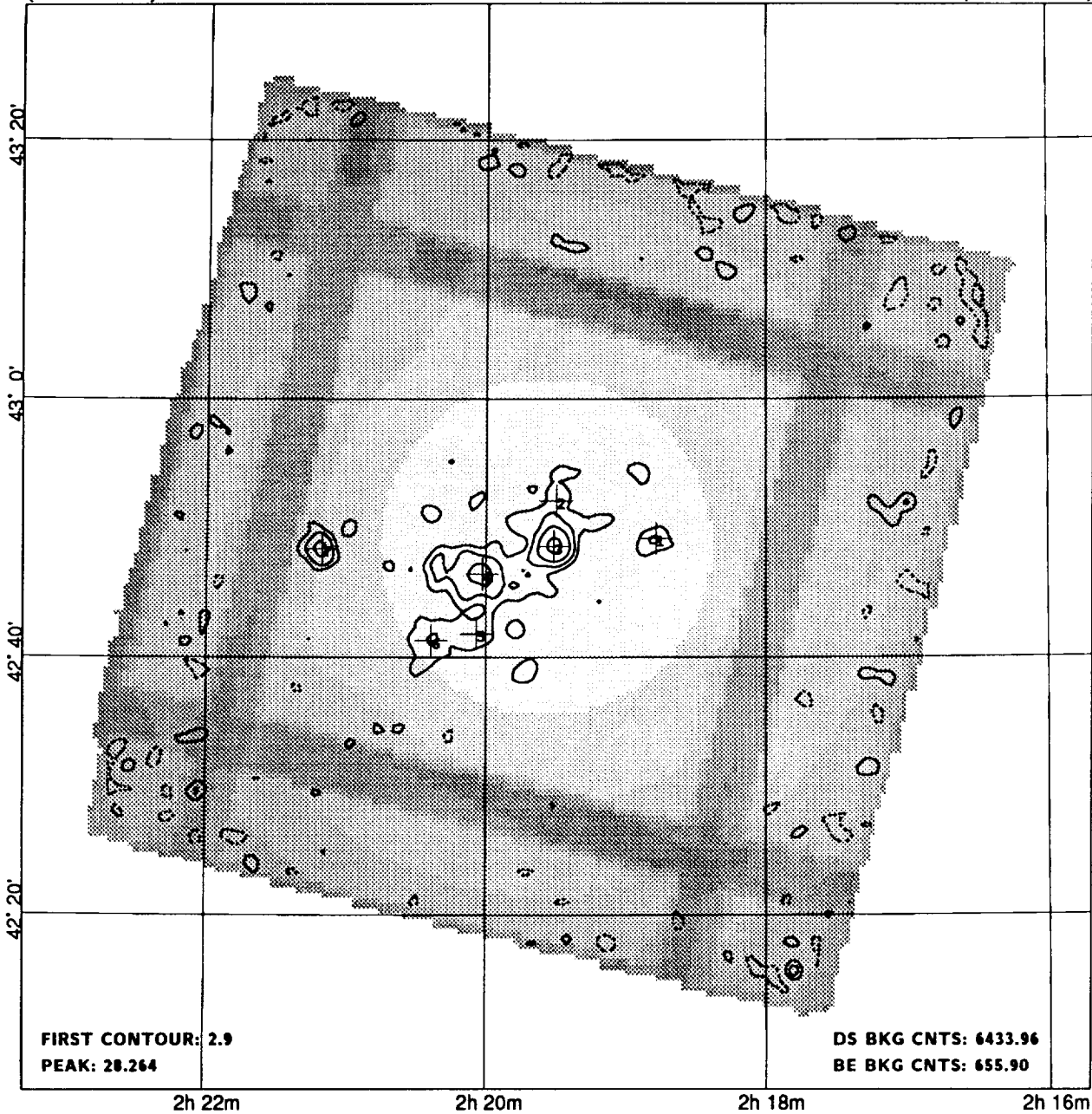
NH: 2.7E+21
 REF/ID: *
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
543	1	02 08 43.3	73 47 29	53	0.0054	0.0012	32.8	17.2	4.6	1.0	0	20.9		
549	2	02 12 49.9	73 35 39	31	0.0535	0.0025	474.3	28.7	21.1	1.1	0	0.2		BL

(2h 19m)

I 11302

(2h 19m)



MERGED FIELD; component Seq's: I 2709, I 7725.

FIELD CENTER: $02^h 19^m 30.0^s$ $42^\circ 48' 29''$ (B1950)
 $02^h 22^m 39.6^s$ $43^\circ 02' 07''$ (J2000)
 $l: 140.14$ $b: -16.77$

DATE: 1979/ 35 - 1980/205
 LIVETIME: 5213.7s

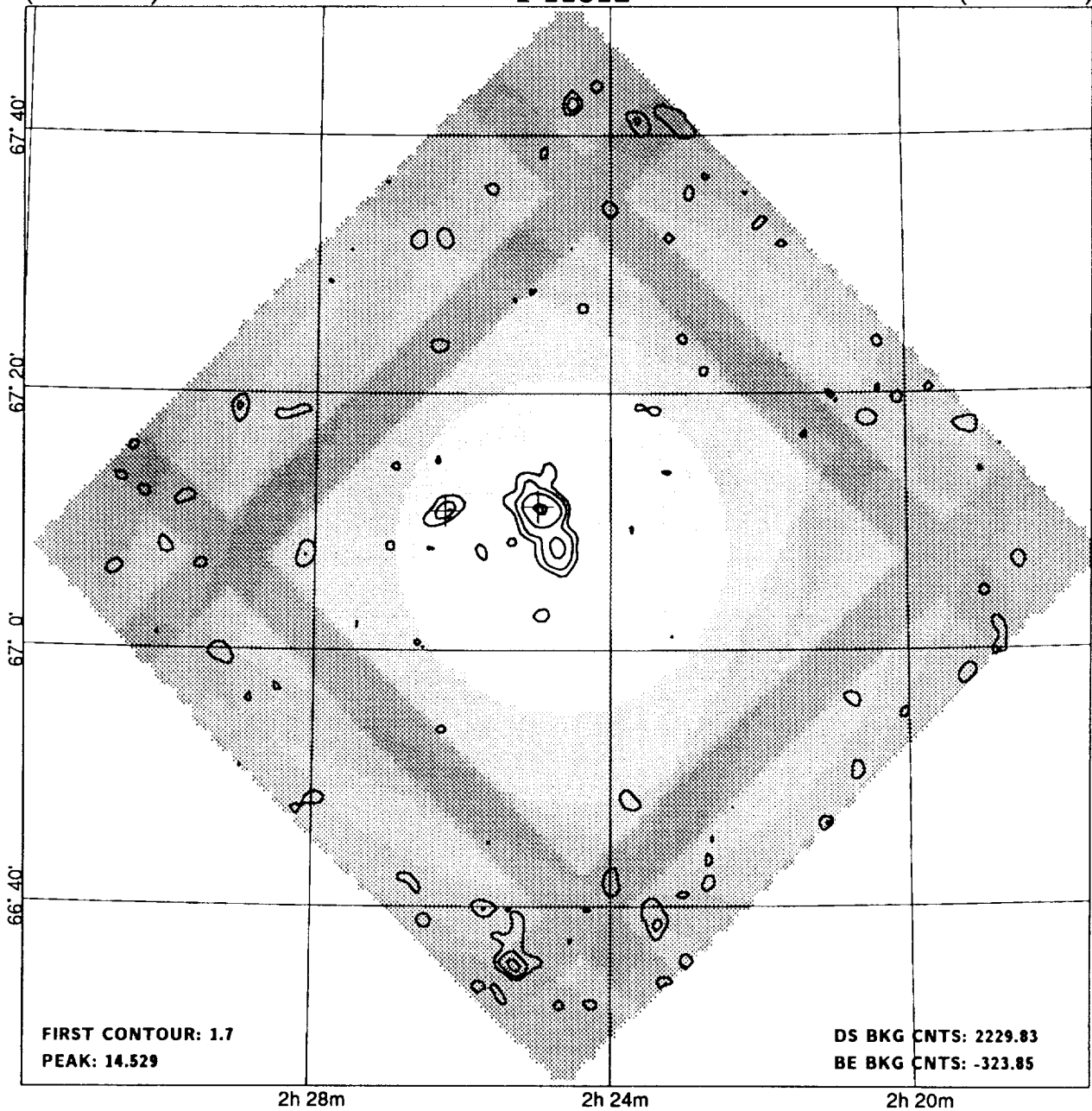
NH: $7.5E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
557	1	02 18 47.0	42 49 09	43	0.0065	0.0018	23.2	16.8	3.7	0.7	0	7.9	
0	2	02 19 29.9	42 52 05	41	0.0063	0.0017	23.7	18.3	3.7	19.3	0	4.1	BL
558	3	02 19 31.0	42 48 31	31	0.0319	0.0031	124.0	18.0	10.4	3.8	0	0.2	BL
560	4	02 20 01.6	42 46 24	41	0.0195	0.0026	72.4	17.6	7.6	6.0	0	6.4	G
561	5	02 20 04.1	42 41 48	45	0.0085	0.0020	30.2	18.8	4.3	15.2	0	9.4	
562	6	02 20 23.6	42 41 17	45	0.0083	0.0020	27.9	16.1	4.2	18.1	0	11.7	
563	7	02 21 10.6	42 48 21	51	0.0140	0.0025	40.0	11.0	5.6	1.0	200	18.5	RS

(2h 24m)

I 11312

(2h 24m)



MERGED FIELD; component Seq's: I 7285, I 7286.

FIELD CENTER: 02^h24^m42.9^s 67°08'05" (B1950)
 02^h28^m51.8^s 67°21'29" (J2000)
 l : 132.12 b : 6.24

DATE: 1980/ 72 - 1980/233
 LIVETIME: 1806.9s

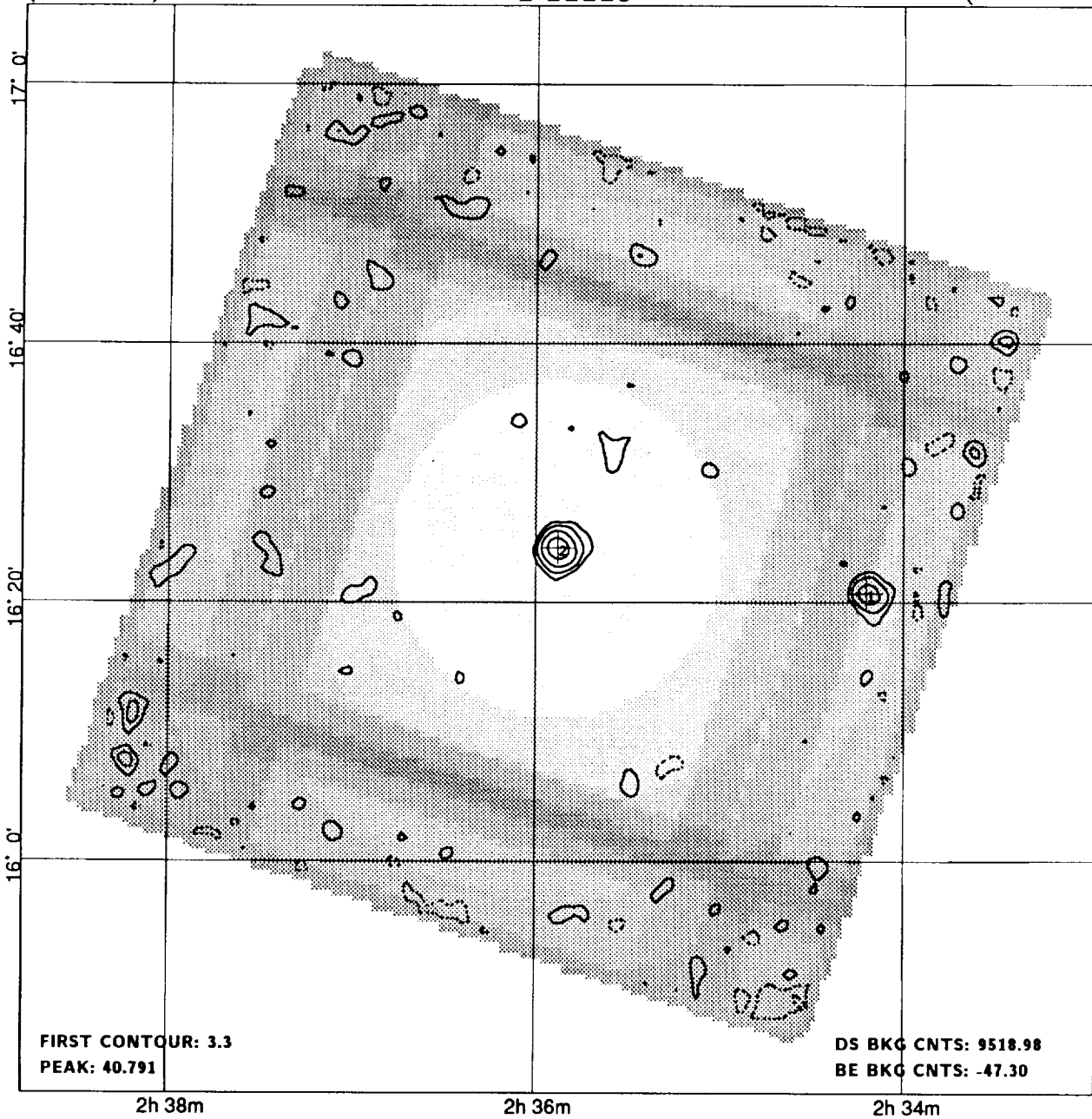
NH: 4.2E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID FLG
571	1	02 24 59.3	67 11 09	35	0.0443	0.0060	58.1	4.9	7.3	2.0	0	3.3		
0	2	02 26 14.7	67 10 51	47	0.0132	0.0037	16.1	3.9	3.6	0.8	0	9.4		

(2h 35m)

I 11119

(2h 35m)



MERGED FIELD; component Seq's: I 7506, I 7507, I 9562.

FIELD CENTER: $02^{\text{h}}35^{\text{m}}52.6^{\text{s}}$ $16^{\circ}24'04''$ (B1950)
 $02^{\text{h}}38^{\text{m}}38.9^{\text{s}}$ $16^{\circ}37'00''$ (J2000)
 $l: 156.77$ $b: -39.11$

DATE: 1980/204 - 1981/ 47
 LIVETIME: 7713.5s

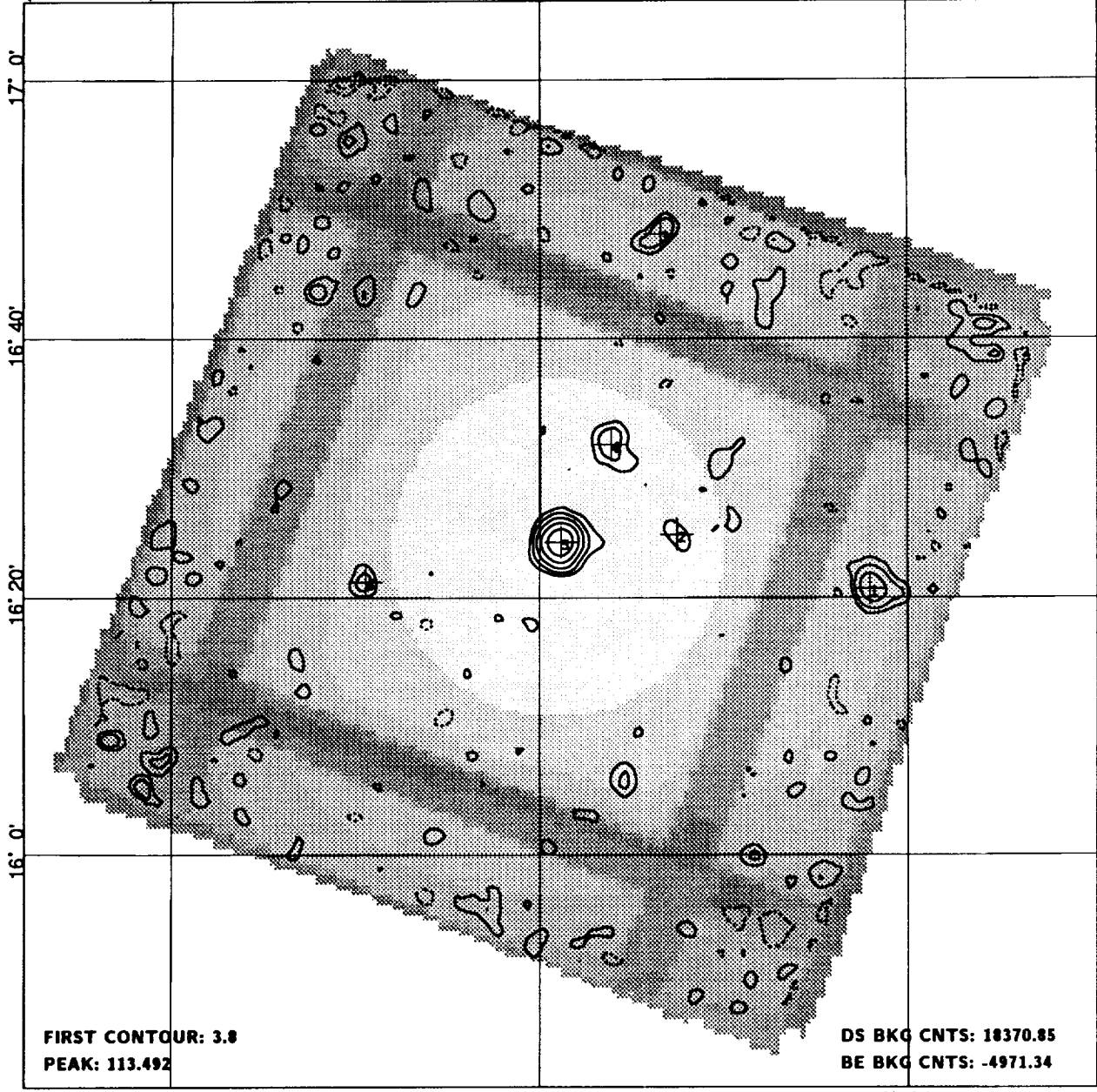
NH: 8.9E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
603	1	02 34 12.1	16 20 41	51	*0.0133	0.0022	45.6	13.4	5.9	1.0	804	24.4	
618	2	02 35 52.7	16 24 15	31	0.0290	0.0024	167.3	23.7	12.1	1.1	0	0.4	BL

(2h 35m)

I 11322

(2h 35m)



2h 38m

2h 36m

2h 34m

MERGED FIELD; component Seq's: I 5691, I 9283, I 9285.

FIELD CENTER: 02^h 35^m 53.0^s 16° 24' 03" (B1950)
 02^h 38^m 39.3^s 16° 36' 59" (J2000)
 l : 156.77 b : -39.11

DATE: 1980/211 - 1981/ 32
 LIVETIME: 14886.4s

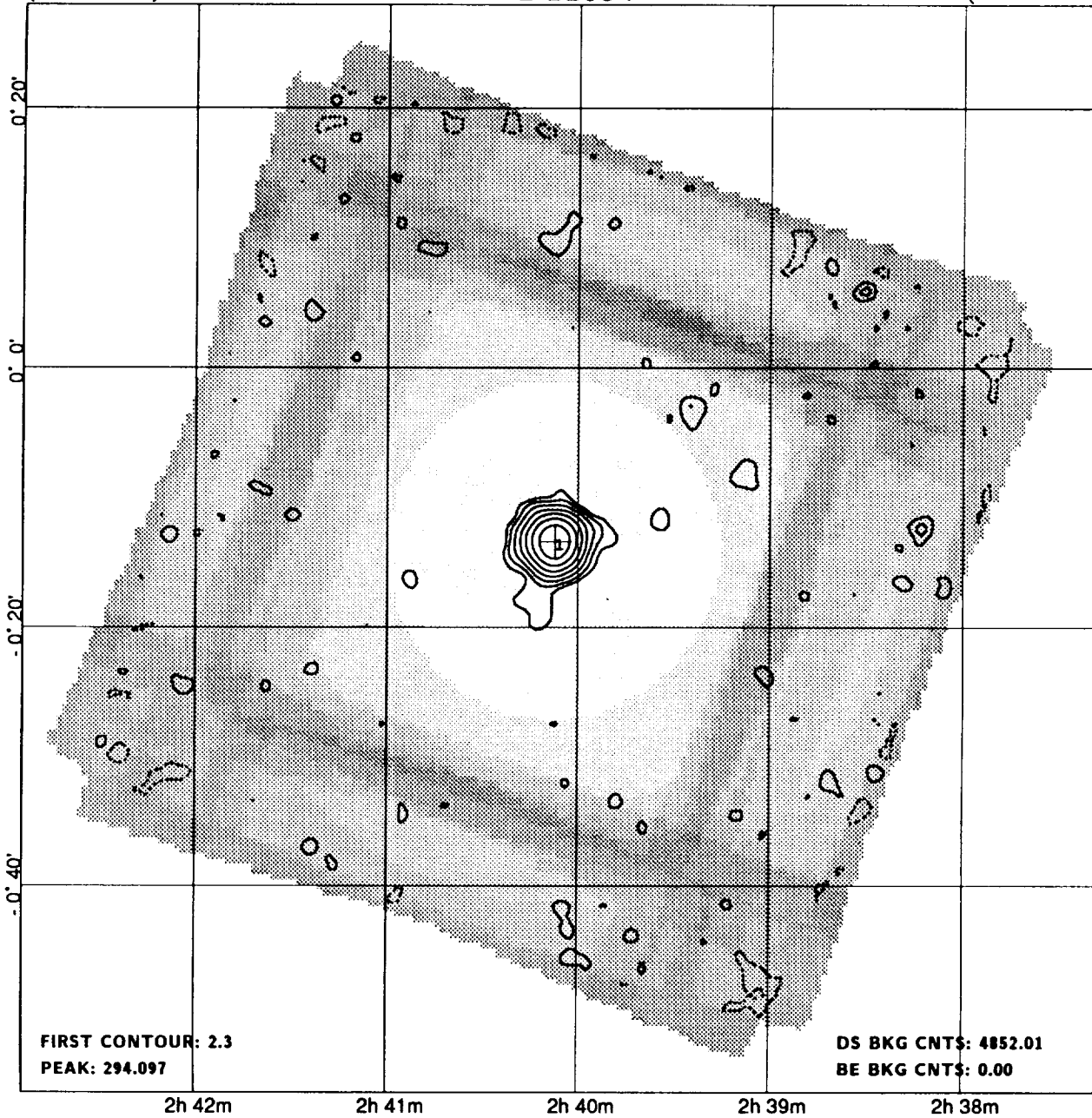
NH: 8.9E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
603	1	02 34 12.2	16 20 41	50	0.0096	0.0014	62.6	18.4	7.0	1.2	0	24.6	
0	2	02 35 15.1	16 24 48	48	0.00262	0.00073	26.2	26.8	3.6	0.5	0	8.7	
611	3	02 35 20.3	16 47 59	55	0.0039	0.0011	24.6	21.4	3.6	0.9	0	24.7	
615	4	02 35 36.7	16 31 47	41	0.00515	0.00091	51.7	31.3	5.7	1.1	0	8.5	
618	5	02 35 53.2	16 24 13	31	0.0419	0.0020	465.3	29.7	20.9	1.2	0	0.2	BL
630	6	02 36 57.0	16 21 13	51	0.00337	0.00090	29.5	32.5	3.7	0.7	0	15.6	

(2h 40m)

I 11054

(2h 40m)



MERGED FIELD; component Seq's: I 1927, I 1928.

FIELD CENTER: $02^{\text{h}}40^{\text{m}}06.0^{\text{s}}$ $-00^{\circ}13'59''$ (B1950)
 $02^{\text{h}}42^{\text{m}}39.6^{\text{s}}$ $-00^{\circ}01'15''$ (J2000)
 $l: 172.11$ $b: -51.94$

DATE: 1979/203 - 1980/214
 LIVETIME: 3931.7s

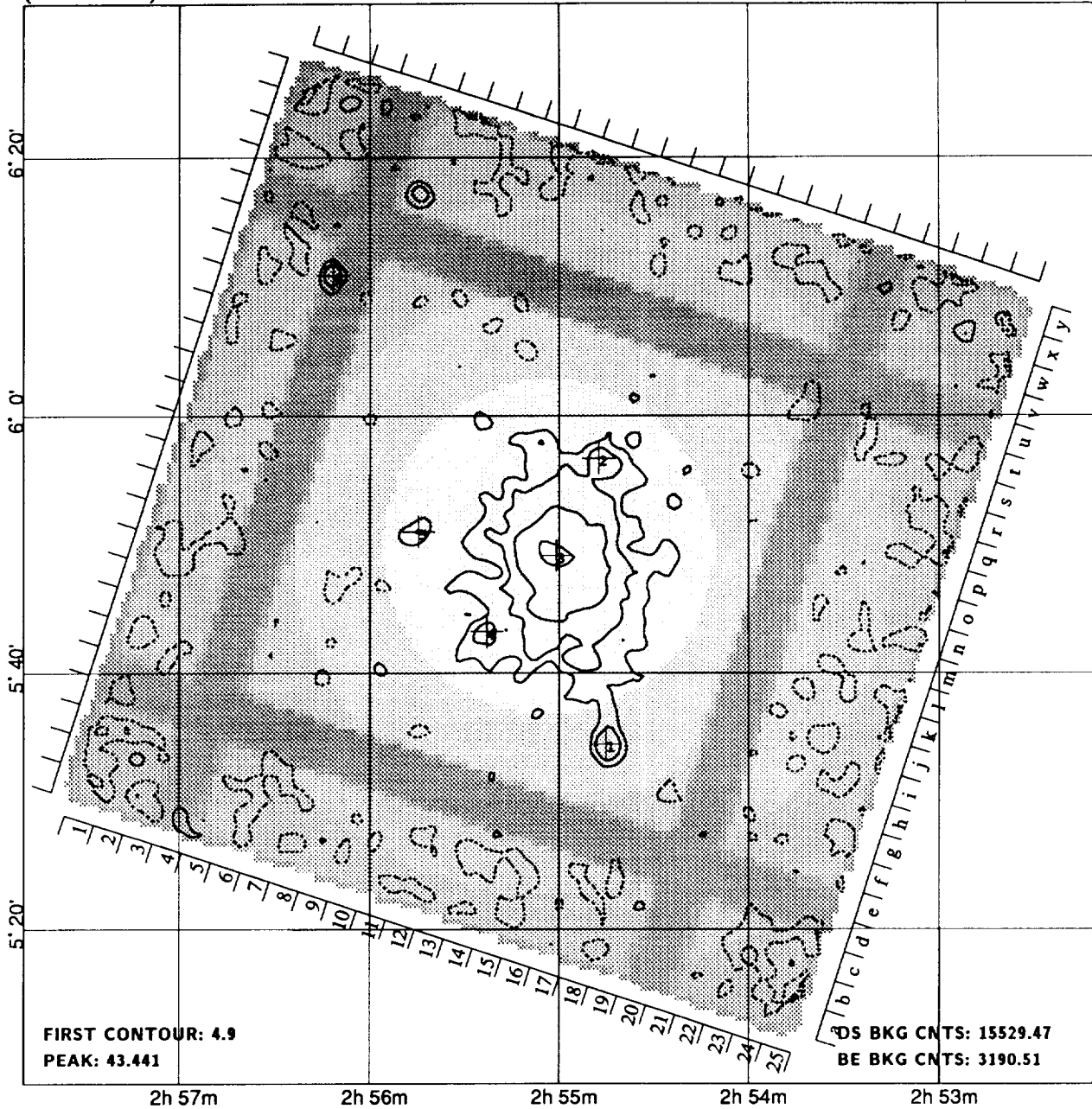
NH: $3.1\text{E}+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
649	1L	02 40 07.2	-00 13 26	31	0.397	0.015	1163.6	229.4	27.0	1.4	0	0.6	

(2h 55m)

I 11074

(2h 55m)



MERGED FIELD; component Seq's: I 1024, I 6085.

FIELD CENTER: 02^h55^m00.0^s 05°49'59" (B1950)
 02^h57^m38.6^s 06°01'59" (J2000)
 l : 170.24 b : -44.93

DATE: 1979/206 - 1980/213
 LIVETIME: 12583.9s
 ROLL ANGLE: -72.0°

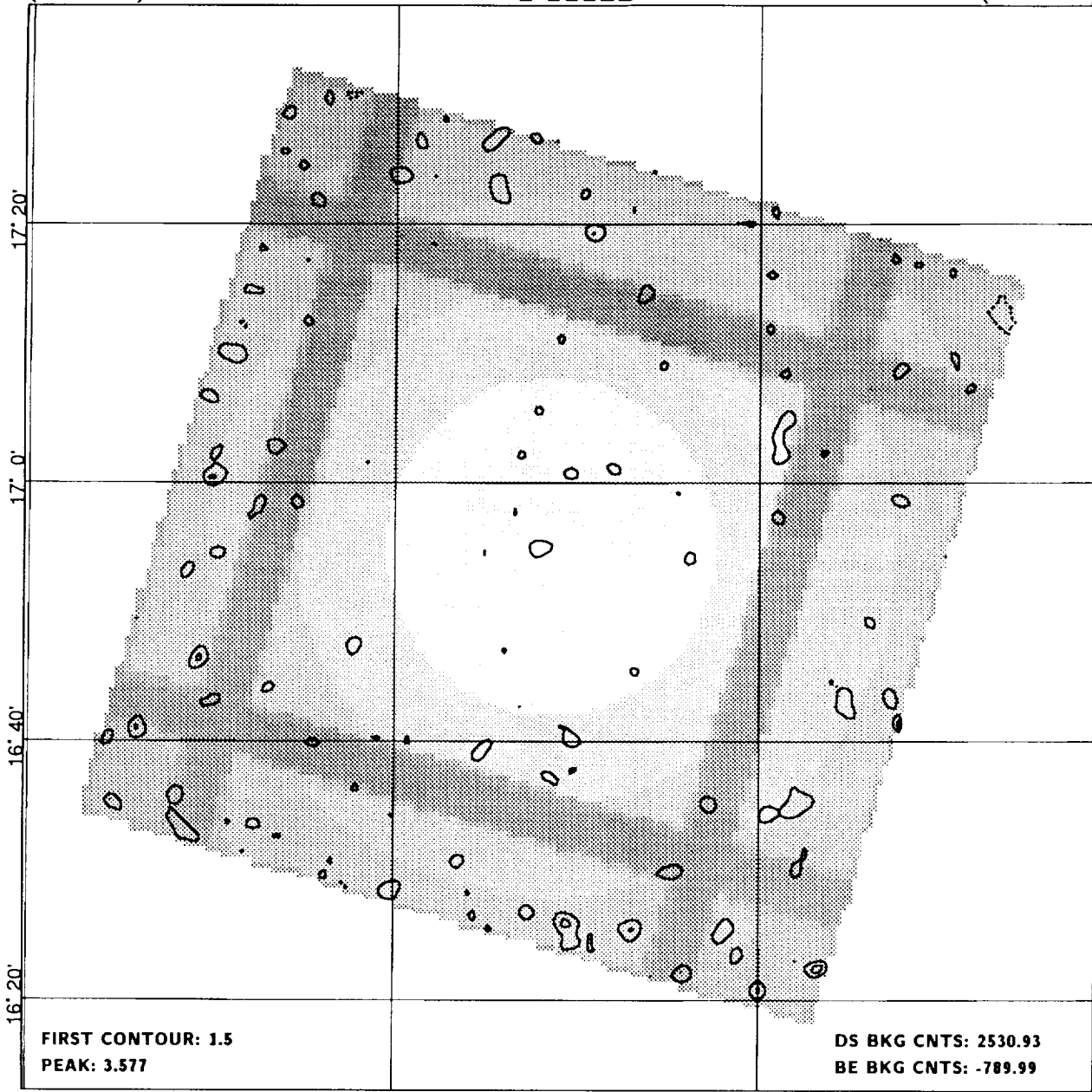
NH: 8.8E+20
 REF/ID:
 FIELD FLAGS: D

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
679	1	02 54 45.1	05 34 23	51	0.0081	0.0013	58.5	34.5	6.1	38.5	0	16.3		
680	2	02 54 47.5	05 56 39	41	0.0067	0.0012	58.2	46.8	5.7	37.6	0	6.7		
681	3	02 55 00.9	05 49 08	31	0.0260	0.0018	243.7	50.3	14.2	10.7	0	0.8		CLG
686	4	02 55 22.9	05 43 14	41	0.0066	0.0012	56.7	47.3	5.6	45.3	0	9.1		
0	5	02 55 44.6	05 51 02	47	0.00363	0.00098	30.2	35.8	3.7	0.7	0	10.9		
0	6	02 56 11.6	06 10 57	63	*0.0060	0.0014	29.8	21.2	4.2	0.7	905	27.6		

(3h 7m)

I 11122

(3h 7m)



3h 10m

3h 8m

3h 6m

MERGED FIELD; component Seq's: I 1929, I 1930.

FIELD CENTER: $03^h 07^m 06.0^s$ $16^\circ 54' 59''$ (B1950)
 $03^h 09^m 54.7^s$ $17^\circ 06' 21''$ (J2000)
 $l: 164.12$ $b: -34.46$

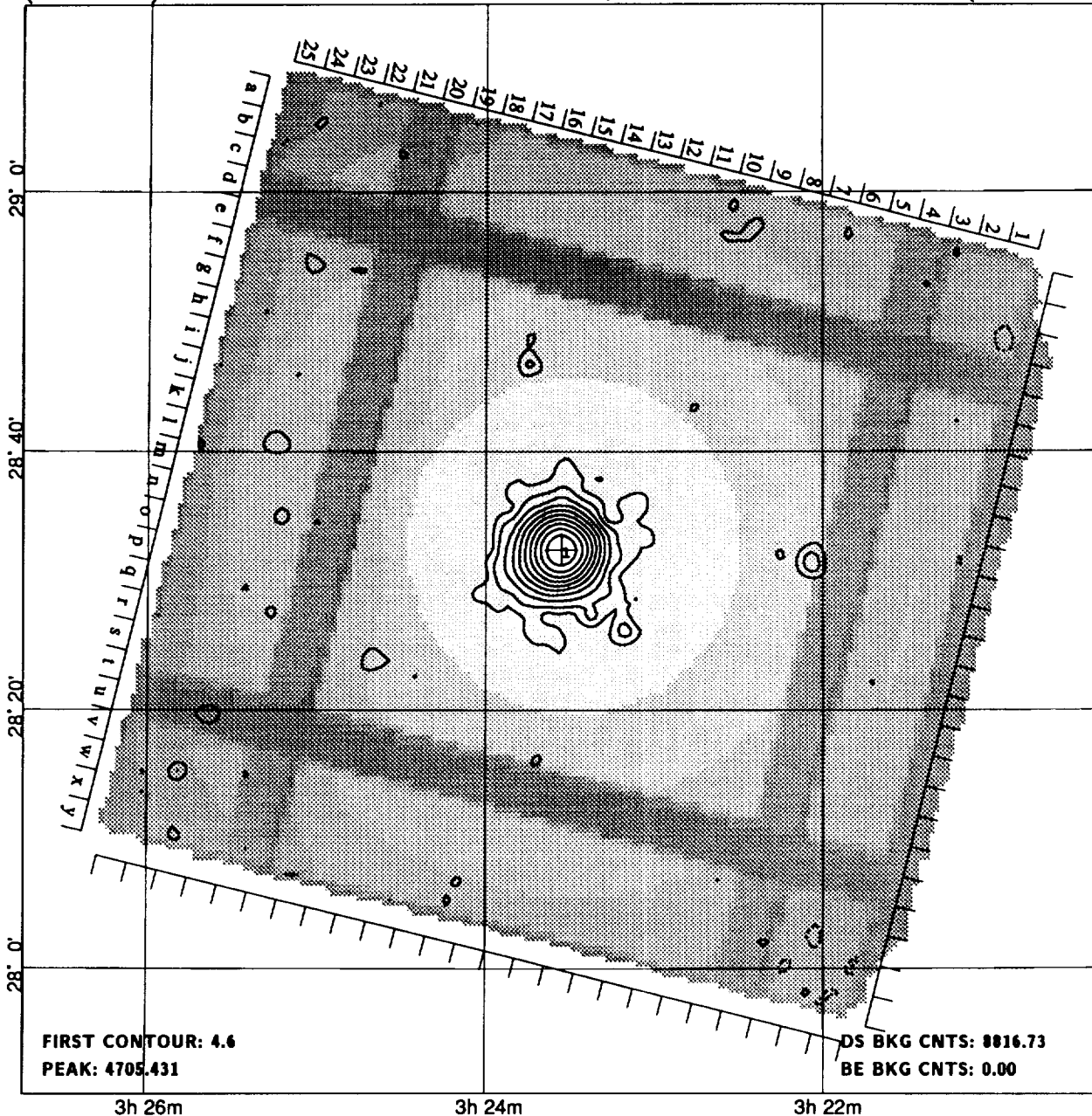
DATE: 1979/214 - 1979/227
 LIVETIME: 2050.9s

NH: 1.0E+21
 REF/ID:
 FIELD FLAGS:

(3h 23m)

I 11157

(3h 23m)



FIRST CONTOUR: 4.6
 PEAK: 4705.431

DS BKG CNTS: 8816.73
 BE BKG CNTS: 0.00

MERGED FIELD; component Seq's: I 9041, I 9042, I 9967.

FIELD CENTER: 03^h23^m32.9^s 28°32'31" (B1950)
 03^h26^m35.1^s 28°42'58" (J2000)
 l : 159.55 b : -22.91

DATE: 1981/ 40 - 1981/ 43
 LIVETIME: 7144.4s
 ROLL ANGLE: 104.0°

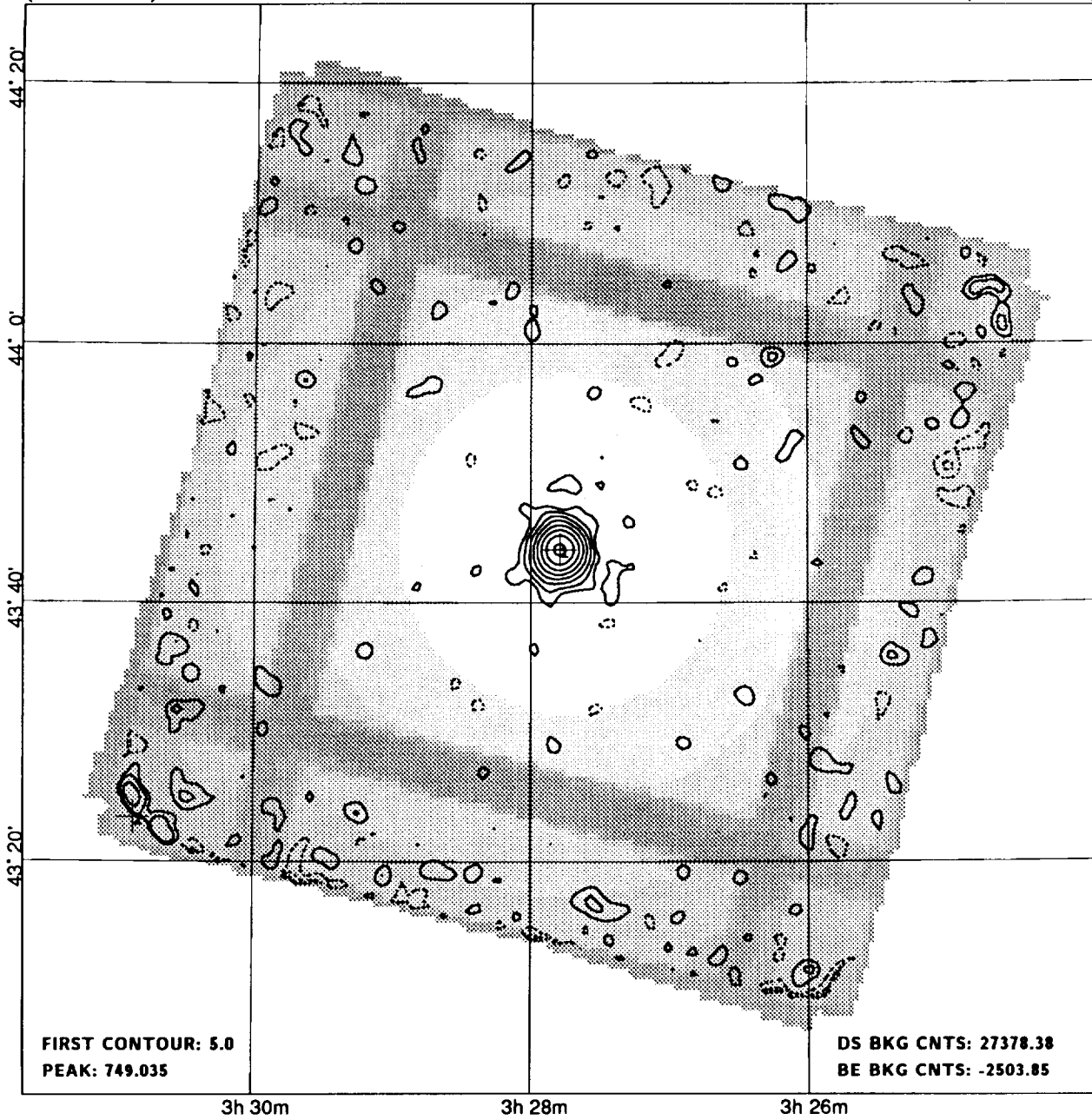
NH: 1.2E+21
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID
770	1L	03 23 33.0	28 32 28	31	3.448	0.031	18354.6	2510.4	111.8	1.3	0	0.1		

(3h 27m)

I 11303

(3h 27m)



3h 30m

3h 28m

3h 26m

MERGED FIELD; component Seq's: I 3188, I 5174.

FIELD CENTER: $03^{\text{h}}27^{\text{m}}48.0^{\text{s}}$ $43^{\circ}44'05''$ (B1950)
 $03^{\text{h}}31^{\text{m}}12.5^{\text{s}}$ $43^{\circ}54'17''$ (J2000)
 $l: 150.96$ $b: -10.10$

DATE: 1979/ 56 - 1980/ 47
 LIVETIME: 22185.7s

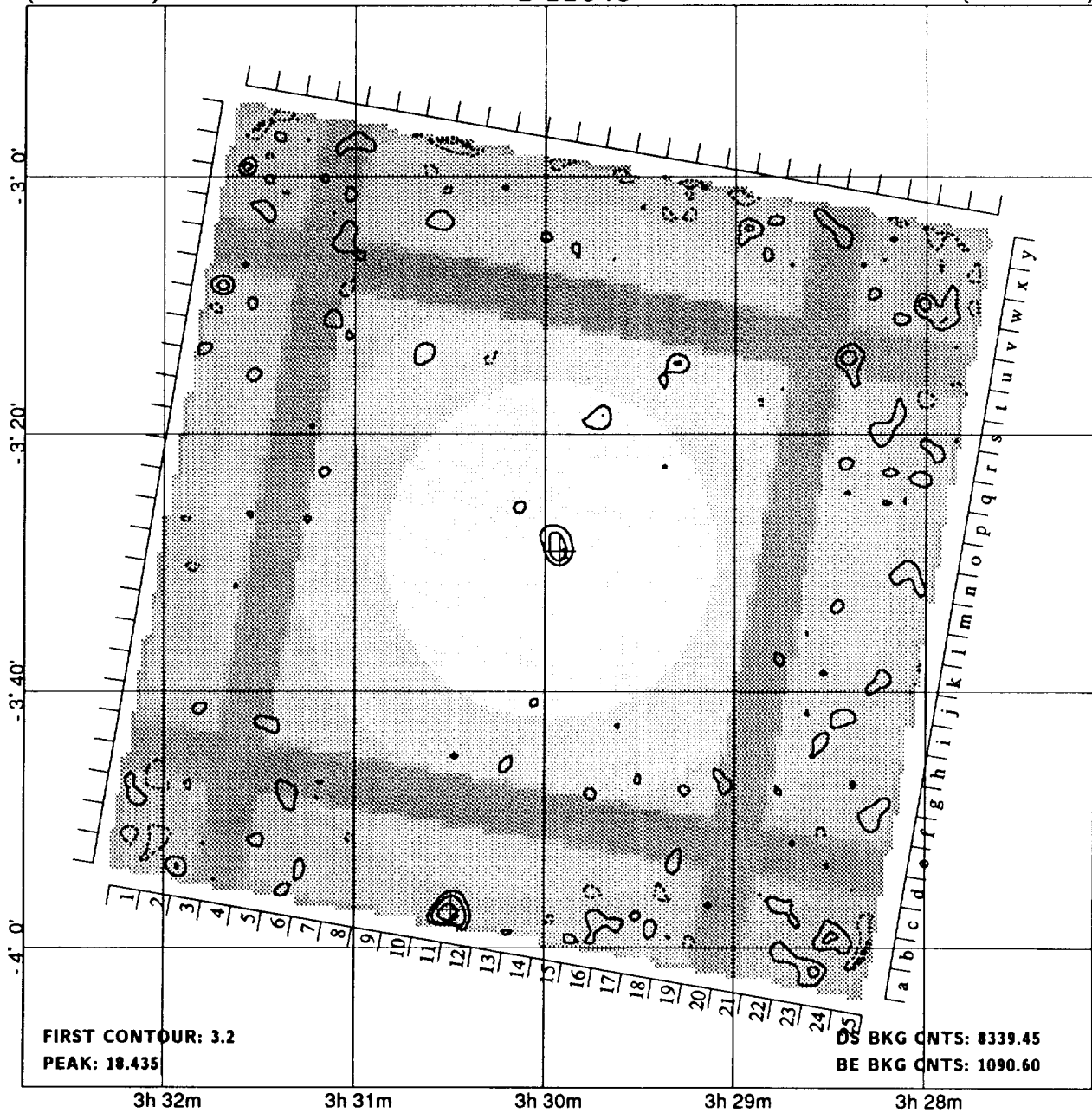
NH: 2.2E+21
 REF/ID: CV
 FIELD FLAGS: D

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
785	1	03 27 47.2	43 44 03	31	0.1715	0.0033	2837.1	59.9	52.7	1.1	0	0.2	*
790	2	03 30 51.6	43 23 24	56	0.0237	0.0051	40.0	34.0	4.6	7.4	500	39.1	

(3h 29m)

I 11043

(3h 29m)



MERGED FIELD; component Seq's: I 7327, I 9469, I 9470, I 9471, I 9472.

FIELD CENTER: $03^h 29^m 55.3^s$ $-03^\circ 28' 46''$ (B1950)
 $03^h 32^m 25.9^s$ $-03^\circ 18' 40''$ (J2000)
 $l: 188.28$ $b: -44.79$

DATE: 1980/238 - 1980/240
 LIVETIME: 6757.7s
 ROLL ANGLE: -80.5°

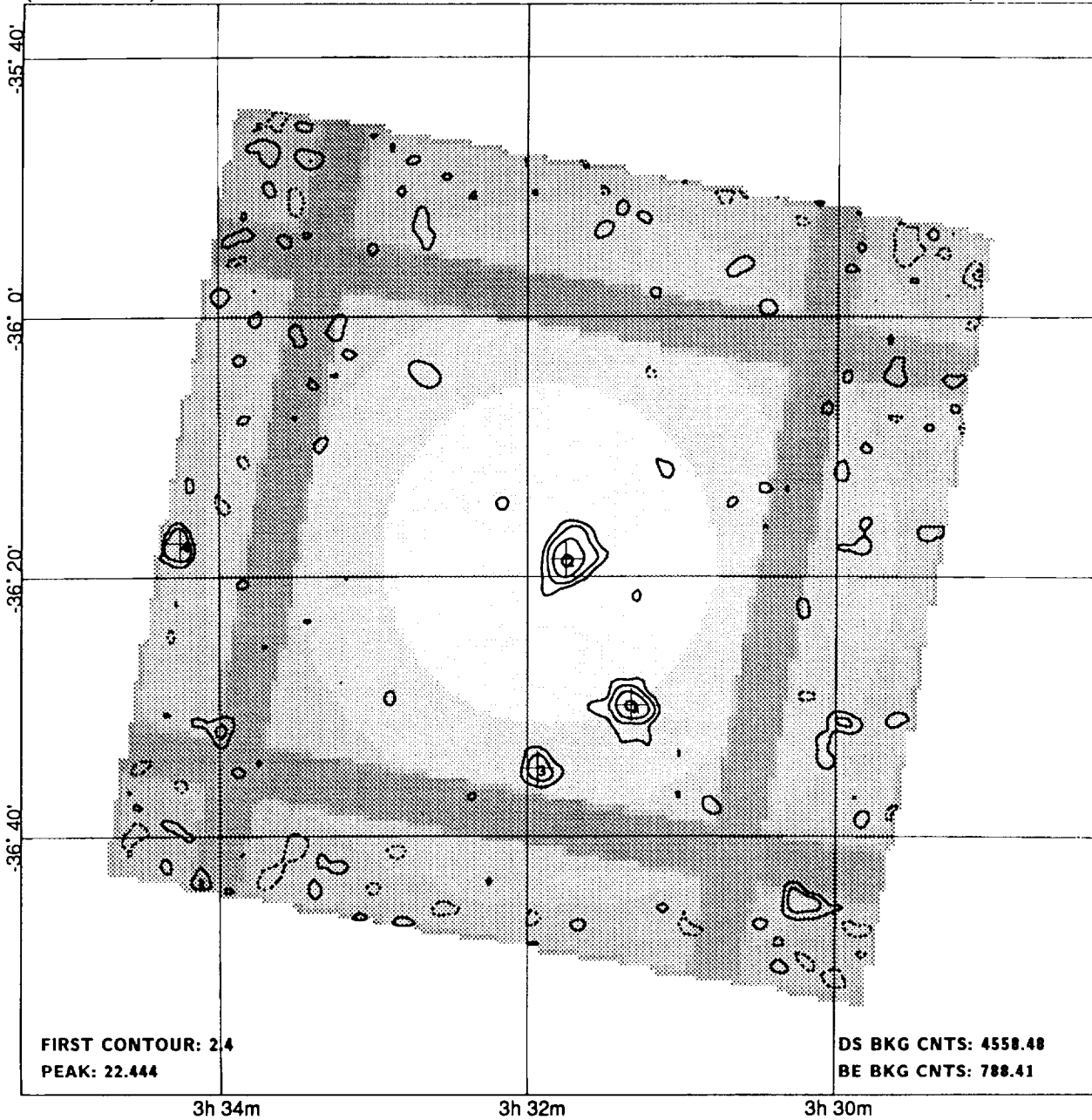
NH: $4.7E+20$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
0	1	03 29 55.3	-03 29 03	35	0.0081	0.0016	40.8	24.2	5.1	0.8	0	0.4	S
0	2	03 30 29.4	-03 57 02	51	0.0143	0.0029	34.0	13.0	5.0	0.8	300	29.4	

(3h 31m)

I 11008

(3h 31m)



MERGED FIELD; component Seq's: I 3058, I 3059.

FIELD CENTER: $03^h 31^m 48.0^s$ $-36^\circ 17' 59''$ (B1950)
 $03^h 33^m 42.6^s$ $-36^\circ 07' 59''$ (J2000)
 $l: 237.94$ $b: -54.58$

DATE: 1979/229 - 1980/228
 LIVETIME: 3693.9s

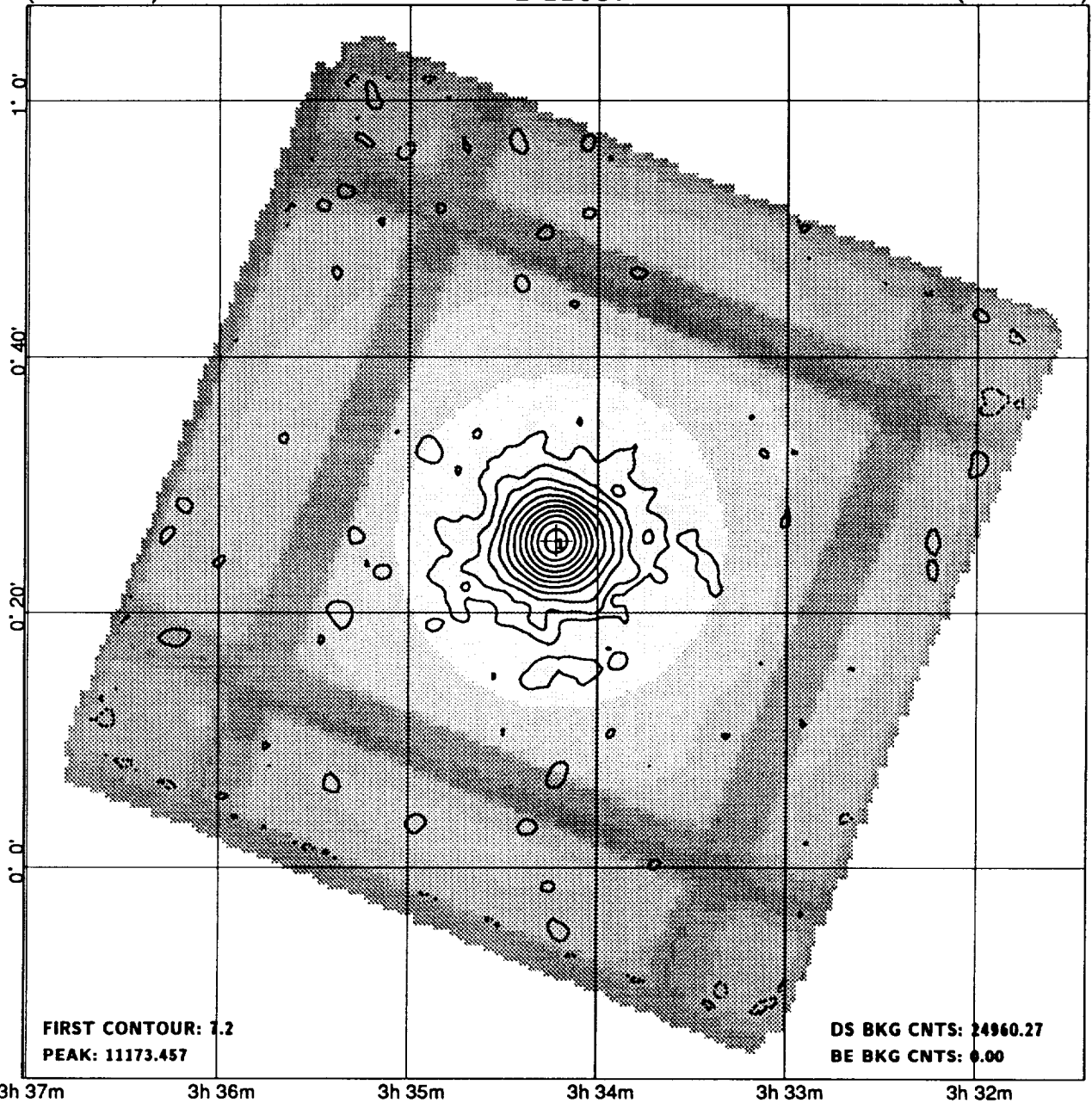
NH: $1.4E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
793	1	03 31 19.6	-36 29 52	38	0.0315	0.0040	72.3	11.7	7.9	1.2	0	13.2	
794	2	03 31 45.1	-36 18 39	31	0.0326	0.0037	89.3	14.7	8.8	1.4	0	0.8	SY
0	3	03 31 56.0	-36 34 45	51	0.0125	0.0029	26.2	10.8	4.3	0.9	0	17.0	
805	4	03 34 14.9	-36 17 24	56	0.0148	0.0039	19.9	7.1	3.8	1.0	0	29.2	

(3h 34m)

I 11057

(3h 34m)



MERGED FIELD; component Seq's: I 3152, I 4496.

FIELD CENTER: 03^h34^m13.1^s 00°25'28" (B1950)
 03^h36^m47.3^s 00°35'19" (J2000)
l: 104.91 *b*: -41.57

DATE: 1979/ 27 - 1979/210
 LIVETIME: 20225.9s

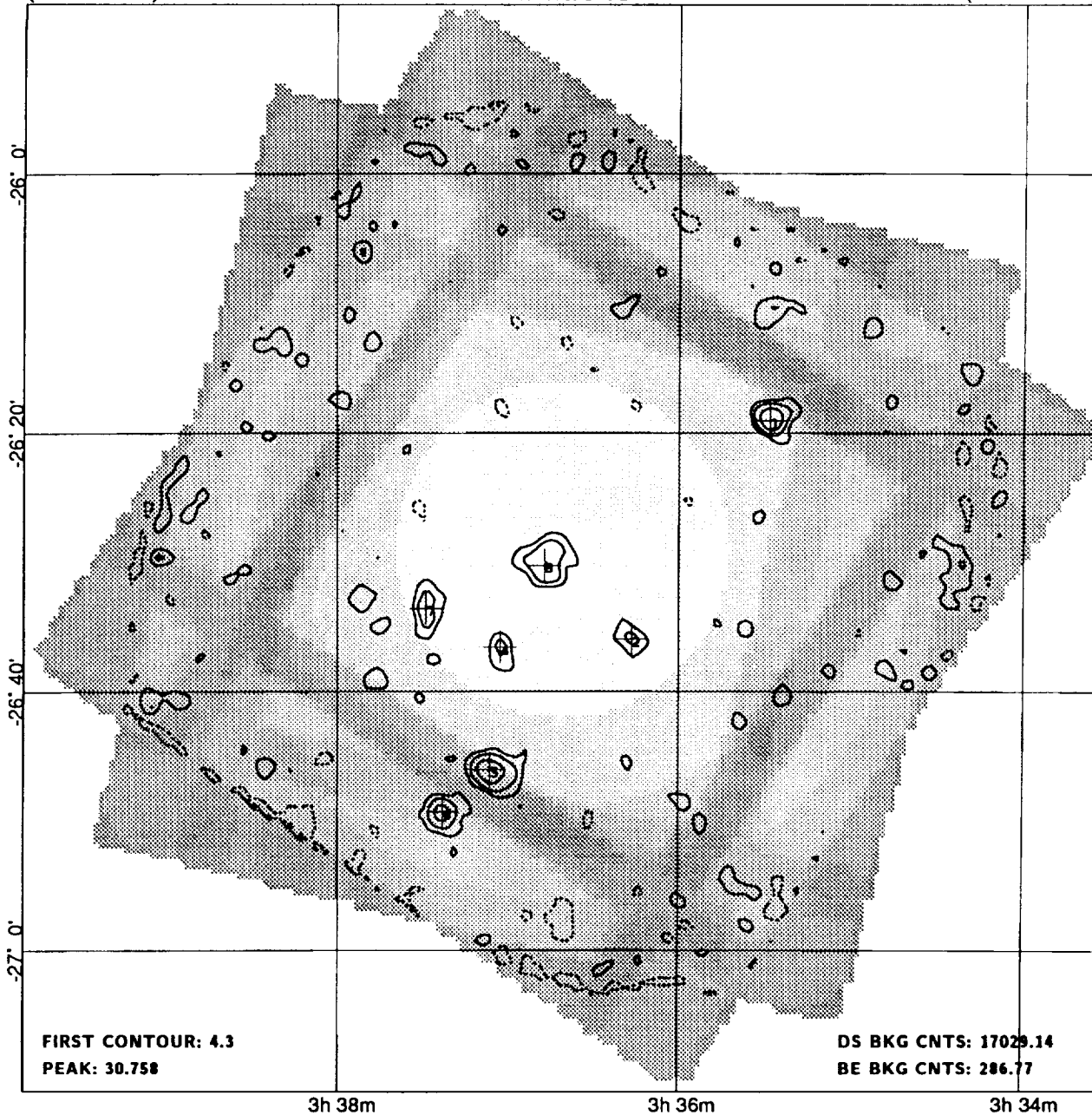
NH: 7.7E+20
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
804	1L	03 34 13.2	00 25 38	31	2.803	0.017	42292.0	7366.0	165.9	1.4	0	0.1	S

(3h 36m)

I 11013

(3h 36m)



MERGED FIELD; component Seq's: I 2096, I 2097.

FIELD CENTER: 03^h36^m42.0^s -26°28'59" (B1950)
 03^h38^m48.7^s -26°19'16" (J2000)
l: 221.51 *b*: -52.79

DATE: 1979/ 30 - 1981/ 12
 LIVETIME: 13799.1s

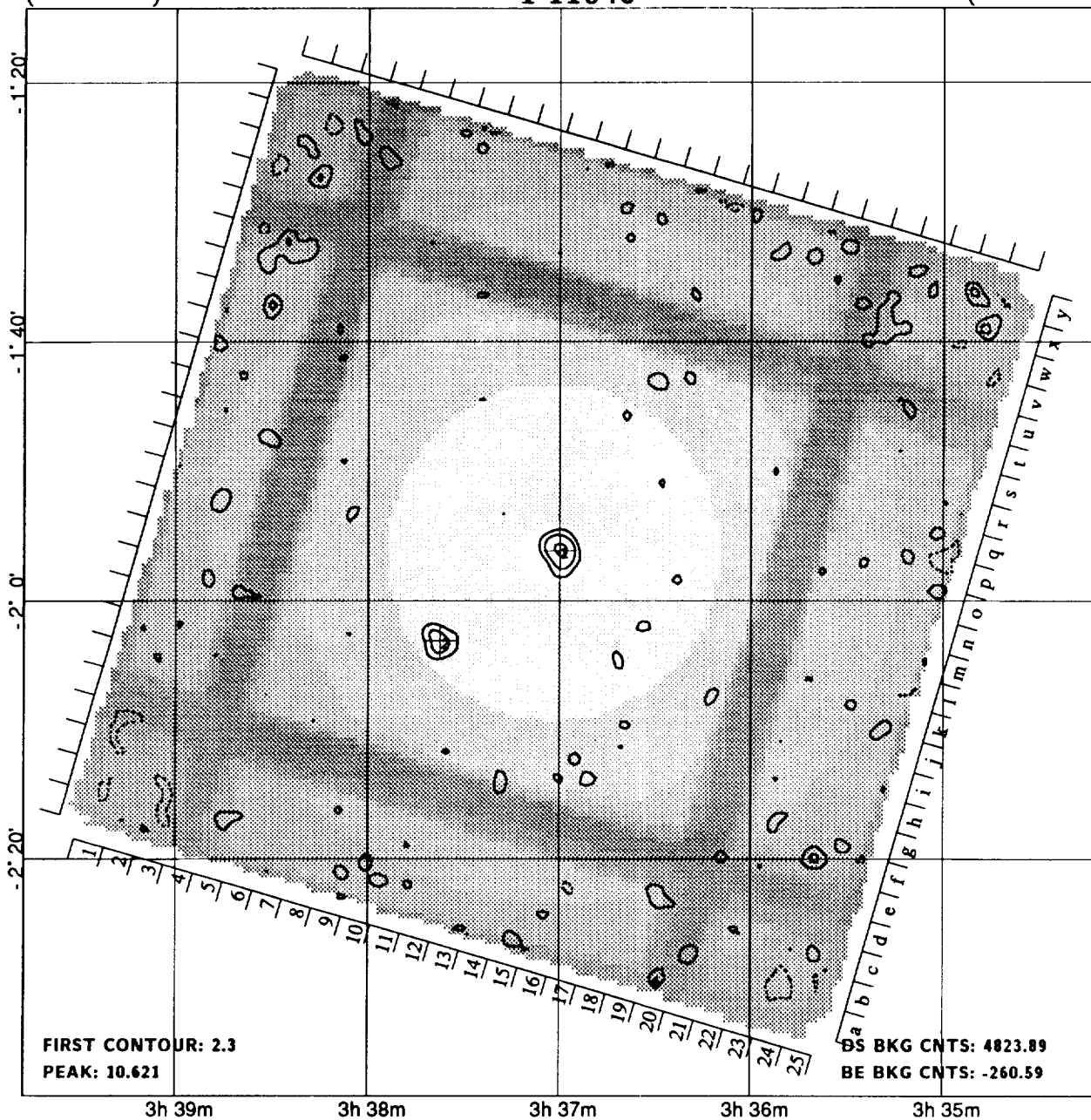
NH: 9.7E+19
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
811	1	03 35 28.1	-26 19 03	50	0.0112	0.0015	82.0	31.0	7.7	1.0	0	19.2	G
0	2	03 36 16.5	-26 35 55	42	0.00398	0.00095	37.4	41.6	4.2	0.7	0	9.3	
817	3	03 36 47.0	-26 30 11	35	0.0081	0.0011	83.1	42.9	7.4	1.3	0	1.1	
0	4	03 37 02.6	-26 36 32	42	0.00354	0.00093	33.0	42.0	3.8	0.8	0	8.9	
821	5	03 37 06.3	-26 46 05	50	*0.0114	0.0014	85.8	26.2	8.1	1.2	601	17.7	
822	6	03 37 22.9	-26 49 17	50	0.0078	0.0013	50.9	25.1	5.8	1.0	400	22.1	
0	7	03 37 28.8	-26 33 33	42	0.0048	0.0010	42.5	39.5	4.7	1.1	0	11.5	

(3h 36m)

I 11046

(3h 36m)



MERGED FIELD; component Seq's: I 3261, I 7162.

FIELD CENTER: $03^h 36^m 59.0^s -01^\circ 56' 16''$ (B1950)
 $03^h 39^m 31.0^s -01^\circ 46' 35''$ (J2000)
 $l: 188.00 \quad b: -42.45$

DATE: 1979/226 - 1980/218
 LIVETIME: 3908.9s
 ROLL ANGLE: -73.9°

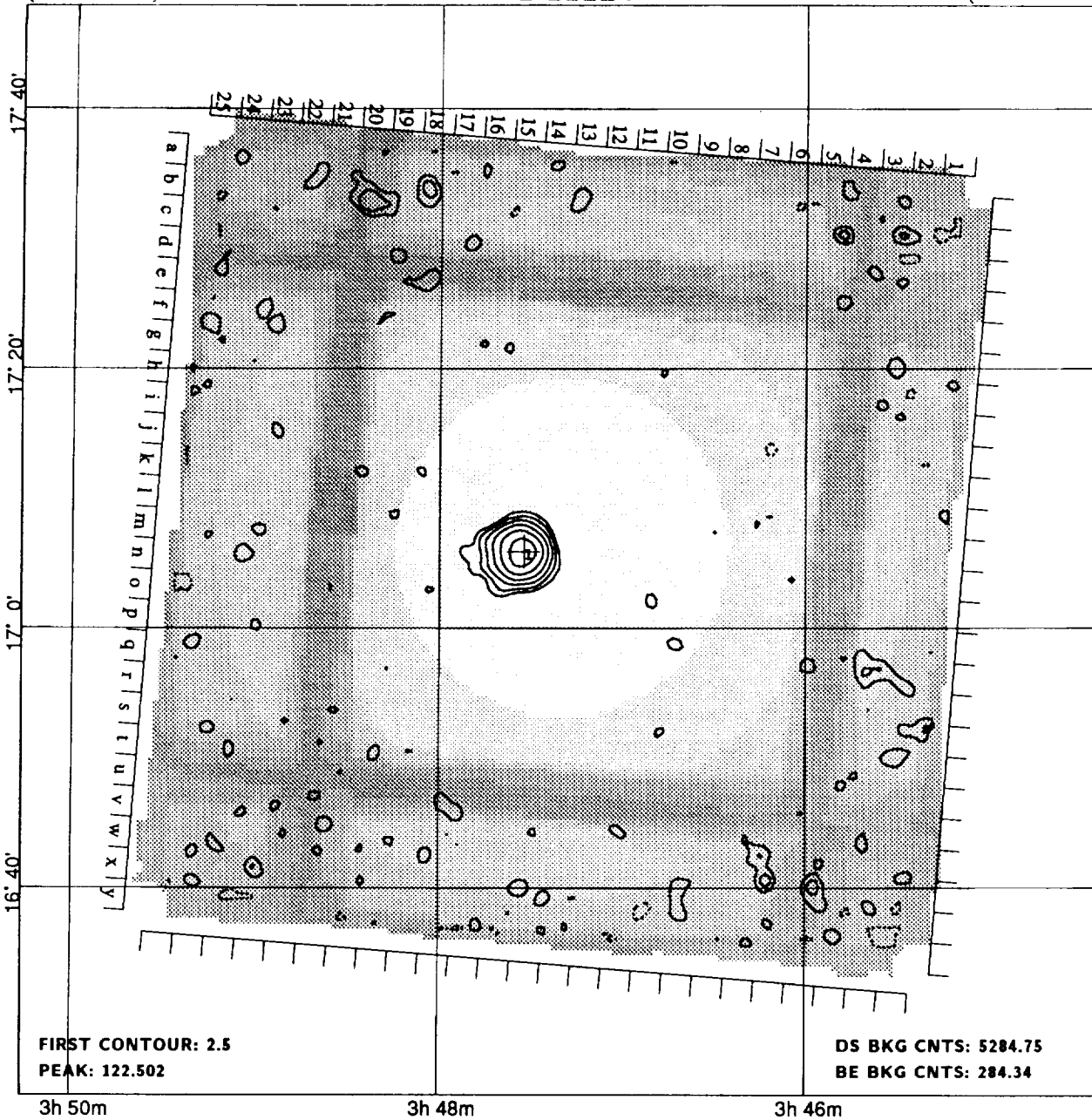
NH: $6.9E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
820	1	03 36 59.8	-01 56 07	35	0.0155	0.0026	45.1	10.9	6.0	1.0	0	0.6		*
823	2	03 37 37.4	-02 03 01	43	0.0103	0.0024	26.2	10.8	4.3	0.8	0	11.9		

(3h 47m)

I 11124

(3h 47m)



MERGED FIELD; component Seq's: I 7814, I 7815.

FIELD CENTER: $03^{\text{h}}47^{\text{m}}21.0^{\text{s}}$ $17^{\circ}05'59''$ (B1950)
 $03^{\text{h}}50^{\text{m}}12.1^{\text{s}}$ $17^{\circ}15'02''$ (J2000)
 $l: 172.44$ $b: -27.97$

DATE: 1981/ 41 - 1981/ 47
 LIVETIME: 4282.4s
 ROLL ANGLE: 94.5°

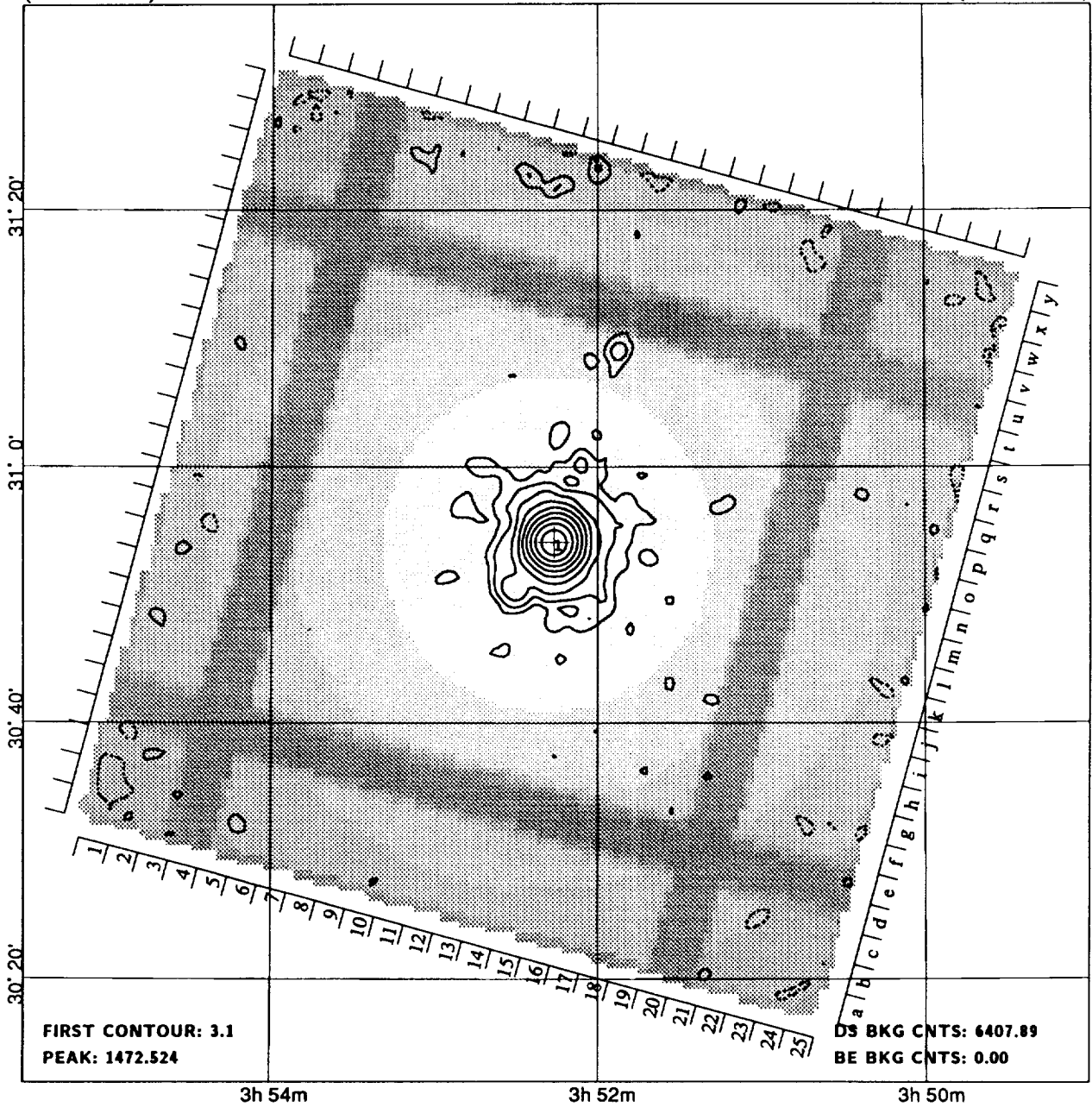
NH: 1.5E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
894	1	03 47 32.3	17 05 54	31	0.1932	0.0079	604.1	12.9	24.3	1.5	0	2.8	S

(3h 52m)

I 11296

(3h 52m)



MERGED FIELD; component Seq's: I 4535, I 4536.

FIELD CENTER: $03^h 52^m 15.0^s$ $30^\circ 54' 00''$ (B1950)
 $03^h 55^m 22.9^s$ $31^\circ 02' 45''$ (J2000)
 $l: 163.08$ $b: -17.14$

DATE: 1979/253 - 1979/254
 LIVETIME: 5192.5s
 ROLL ANGLE: -74.9°

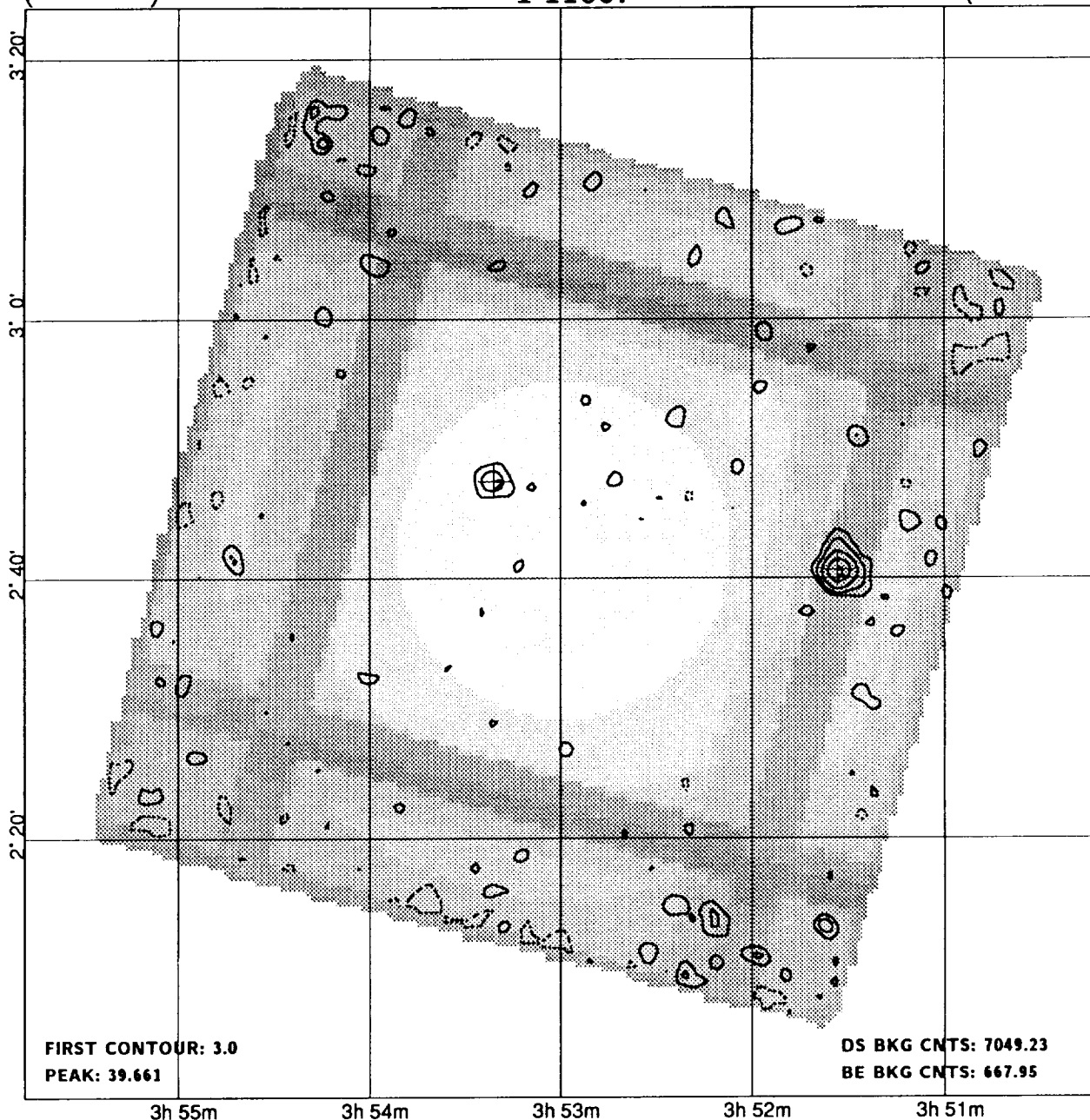
NH: $8.5E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
906	1L	03 52 16.1	30 54 06	31	1.430	0.022	5540.6	449.4	63.6	1.3	0	0.3	S

(3h 53m)

I 11067

(3h 53m)



MERGED FIELD; component Seq's: I 1931, I 1932.

FIELD CENTER: $03^h 53^m 00.0^s$ $02^\circ 41' 59''$ (B1950)
 $03^h 55^m 36.5^s$ $02^\circ 50' 42''$ (J2000)
 $l: 186.32$ $b: -36.47$

DATE: 1979/225 - 1980/ 37
 LIVETIME: 5712.2s

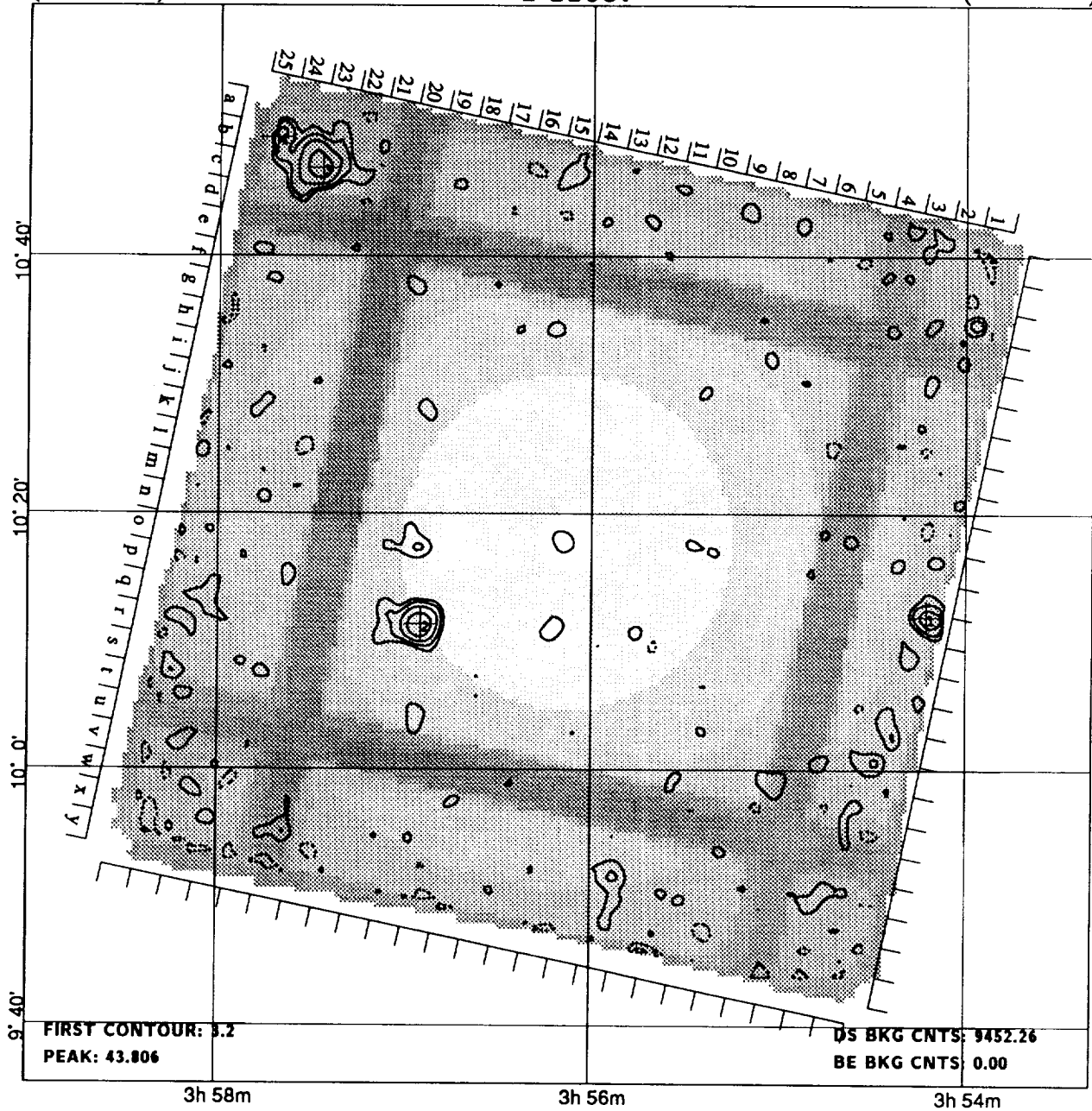
NH: $1.3E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
904	1	03 51 33.3	02 40 37	48	0.0339	0.0036	95.1	8.9	9.3	1.2	0	21.5		AGN
909	2	03 53 20.9	02 47 30	42	0.0084	0.0018	33.4	18.6	4.6	0.8	0	7.9		

(3h 56m)

I 11087

(3h 56m)



MERGED FIELD; component Seq's: I 2683, I 6311.

FIELD CENTER: $03^h 56^m 10.0^s$ $10^\circ 17' 31''$ (B1950)
 $03^h 58^m 54.2^s$ $10^\circ 26' 02''$ (J2000)
 $l: 179.84$ $b: -31.05$

DATE: 1980/ 41 - 1981/ 47
 LIVETIME: 7648.5s
 ROLL ANGLE: 101.8°

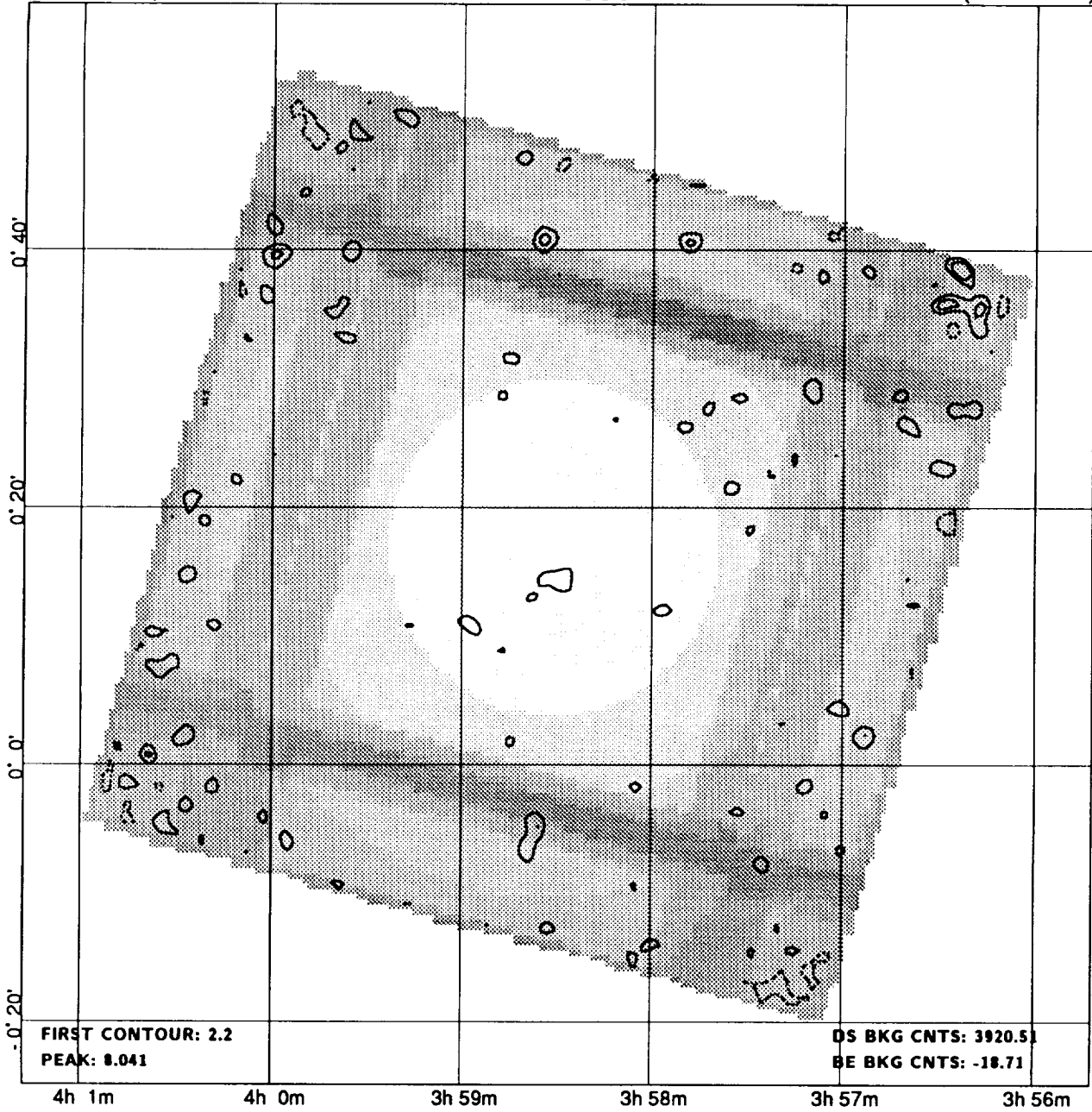
NH: $1.2E+21$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE ±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
911	1	03 54 12.5	10 12 01	51	0.0113 0.0024	30.4	11.6	4.7	0.8	400	29.4		
917	2	03 56 55.0	10 11 22	38	0.0318 0.0028	150.5	19.5	11.5	1.2	0	12.7	S	
919	3	03 57 27.2	10 46 52	50	0.0320 0.0043	66.1	11.9	7.5	1.7	0	35.1	AGN	
0	4	03 57 41.7	10 49 16	58	*0.0250 0.0069	20.9	12.1	3.6	10.1	601	39.5	AGN	

(3h 58m)

I 11056

(3h 58m)



MERGED FIELD; component Seq's: I 1933, I 1934.

FIELD CENTER: $03^h 58^m 30.0^s$ $00^{\circ} 16' 59''$ (B1950)
 $04^h 01^m 04.1^s$ $00^{\circ} 25' 21''$ (J2000)
 $l: 189.76$ $b: -36.79$

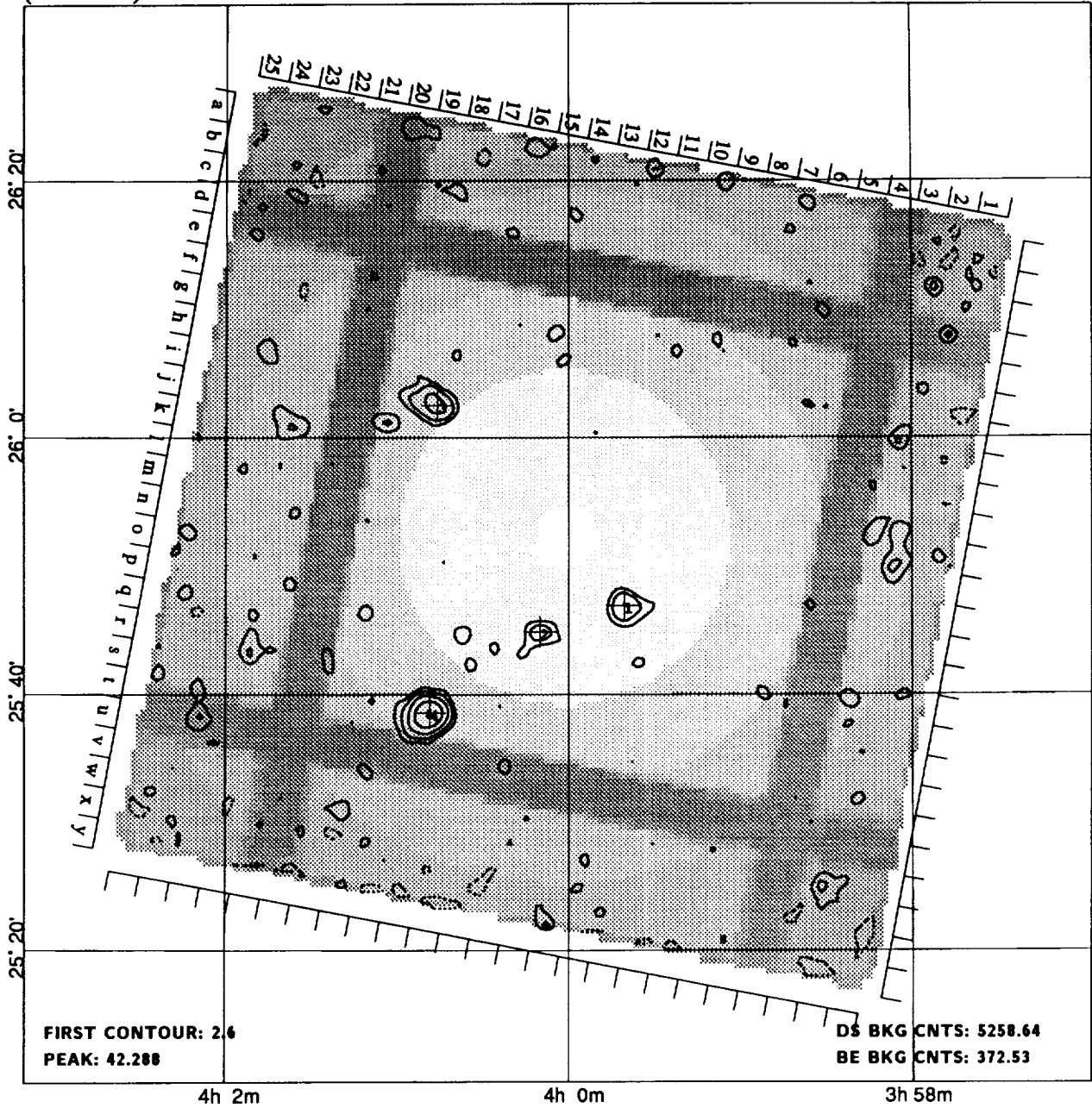
DATE: 1979/225 - 1980/ 39
LIVETIME: 3176.9s

NH: 1.1E+21
REF/ID:
FIELD FLAGS:

(4h 0m)

I 11292

(4h 0m)



MERGED FIELD; component Seq's: I 3994, I 7164.

FIELD CENTER: $04^{\text{h}}00^{\text{m}}03.6^{\text{s}}$ $25^{\circ}51'46''$ (B1950)
 $04^{\text{h}}03^{\text{m}}05.6^{\text{s}}$ $26^{\circ}00'01''$ (J2000)
 $l: 168.03$ $b: -19.65$

DATE: 1980/ 52 - 1981/ 37
 LIVETIME: 4261.2s
 ROLL ANGLE: 100.8°

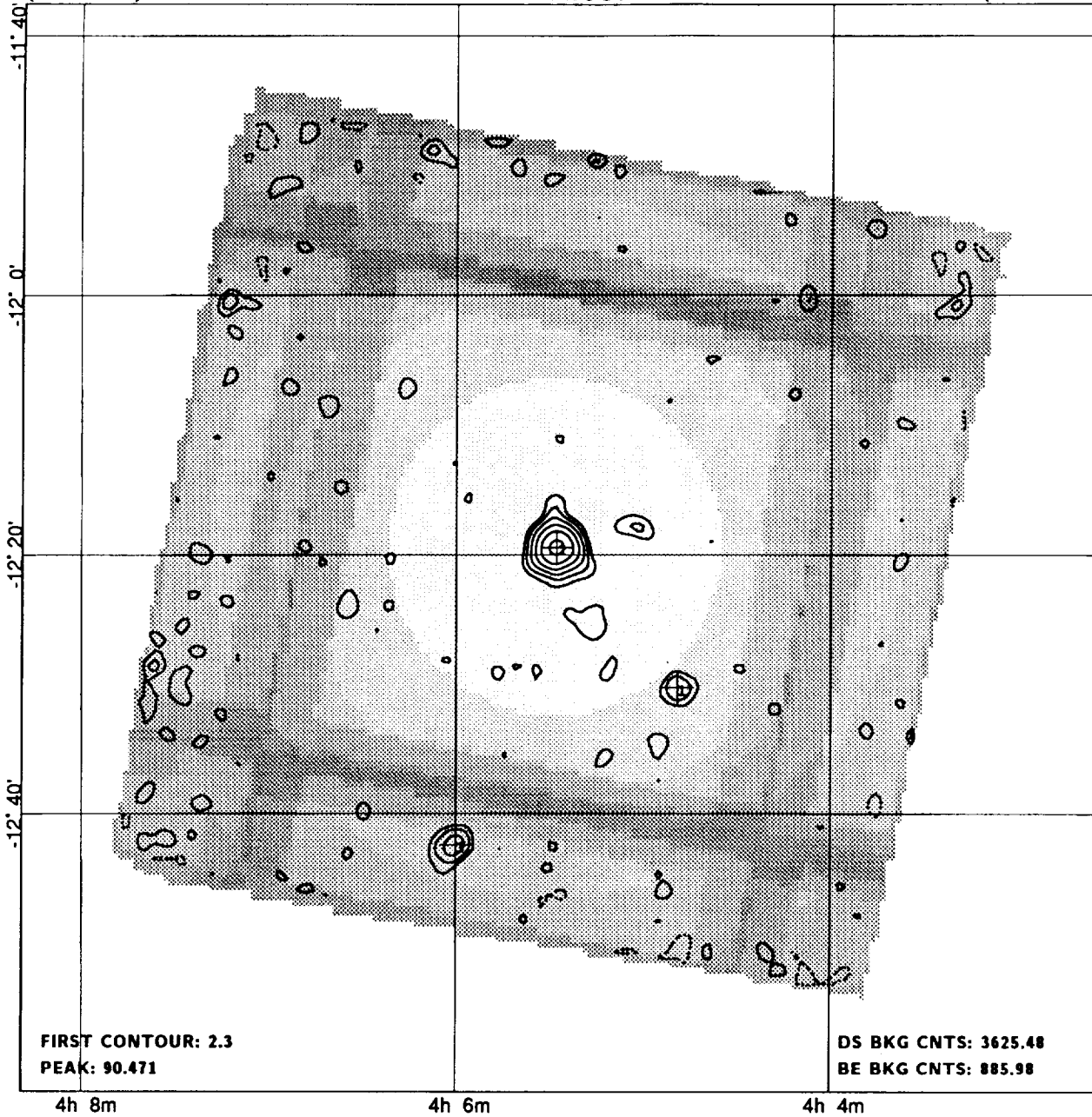
NH: $7.9\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
923	1	03 59 40.6	25 47 00	41	0.0132	0.0025	39.3	14.7	5.4	0.9	0	7.2	
0	2	04 00 10.2	25 44 57	42	0.0080	0.0021	23.5	13.5	3.9	0.8	0	7.0	
926	3	04 00 46.0	26 02 32	41	0.0194	0.0030	49.6	10.4	6.4	1.2	0	14.7	
927	4	04 00 48.7	25 38 34	48	0.0529	0.0049	124.5	10.5	10.7	1.1	0	16.7	

(4h 5m)

I 11032

(4h 5m)



4h 8m

4h 6m

4h 4m

MERGED FIELD; component Seq's: I 3906, I 3907.

FIELD CENTER: 04^h05^m27.1^s -12°19'33" (B1950)
 04^h07^m48.0^s -12°11'37" (J2000)
l: 204.93 *b*: -41.76

DATE: 1980/ 38 - 1980/220
 LIVETIME: 2937.8s

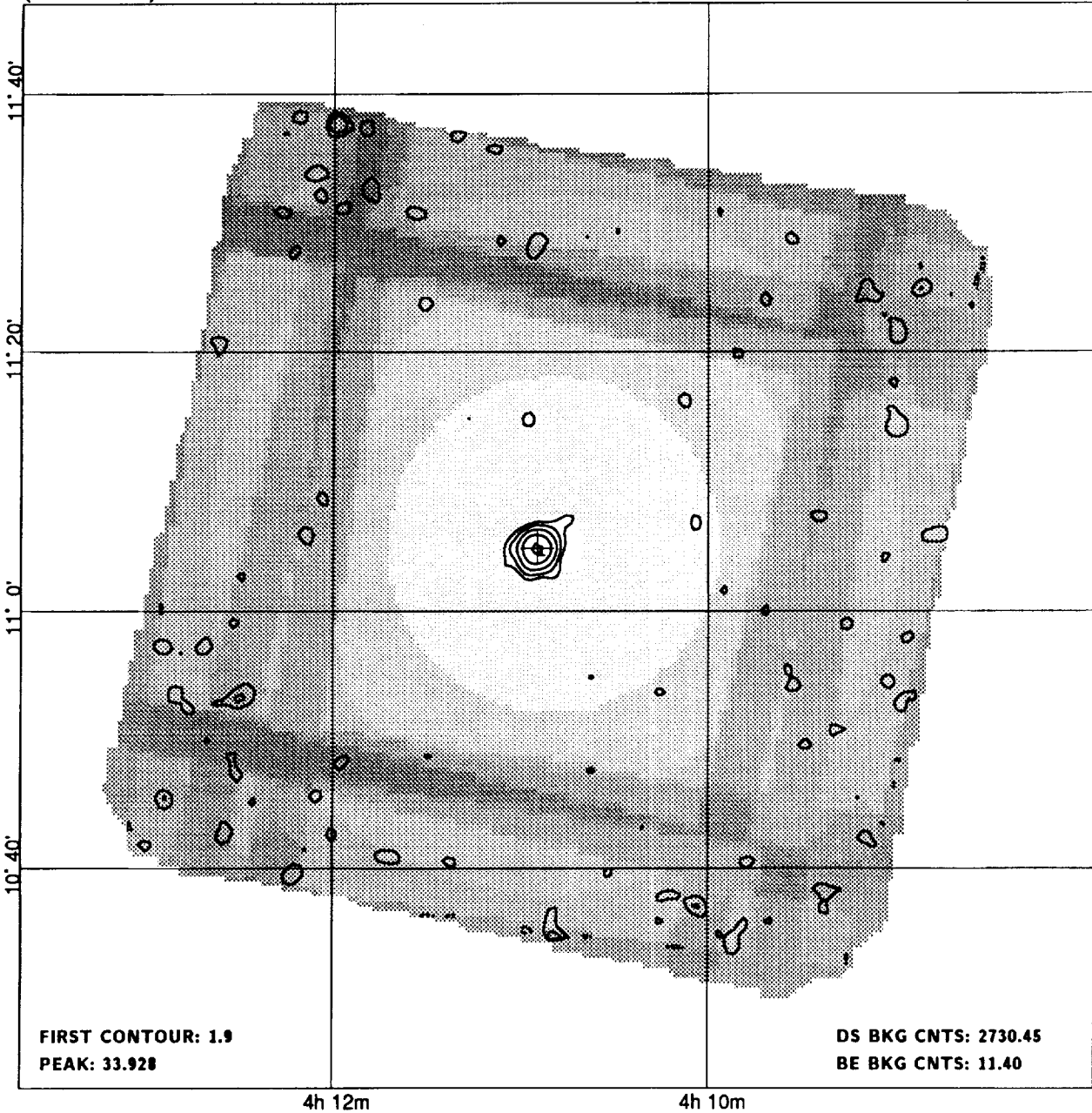
NH: 3.7E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
936	1	04 04 49.0	-12 30 18	42	0.0146	0.0033	25.7	8.3	4.4	0.8	0	14.2	
938	2	04 05 27.7	-12 19 25	31	0.1734	0.0090	380.4	11.6	19.2	1.2	0	0.2	
939	3	04 06 00.0	-12 42 21	51	0.0222	0.0046	29.0	7.0	4.8	1.0	0	24.2	

(4h 10m)

I 11091

(4h 10m)



MERGED FIELD; component Seq's: I 1935, I 1936.

FIELD CENTER: $04^{\text{h}}10^{\text{m}}48.0^{\text{s}}$ $11^{\circ}04'59''$ (B1950)
 $04^{\text{h}}13^{\text{m}}33.5^{\text{s}}$ $11^{\circ}12'34''$ (J2000)
 $l: 181.80$ $b: -27.79$

DATE: 1979/ 66 - 1979/225
 LIVETIME: 2212.6s

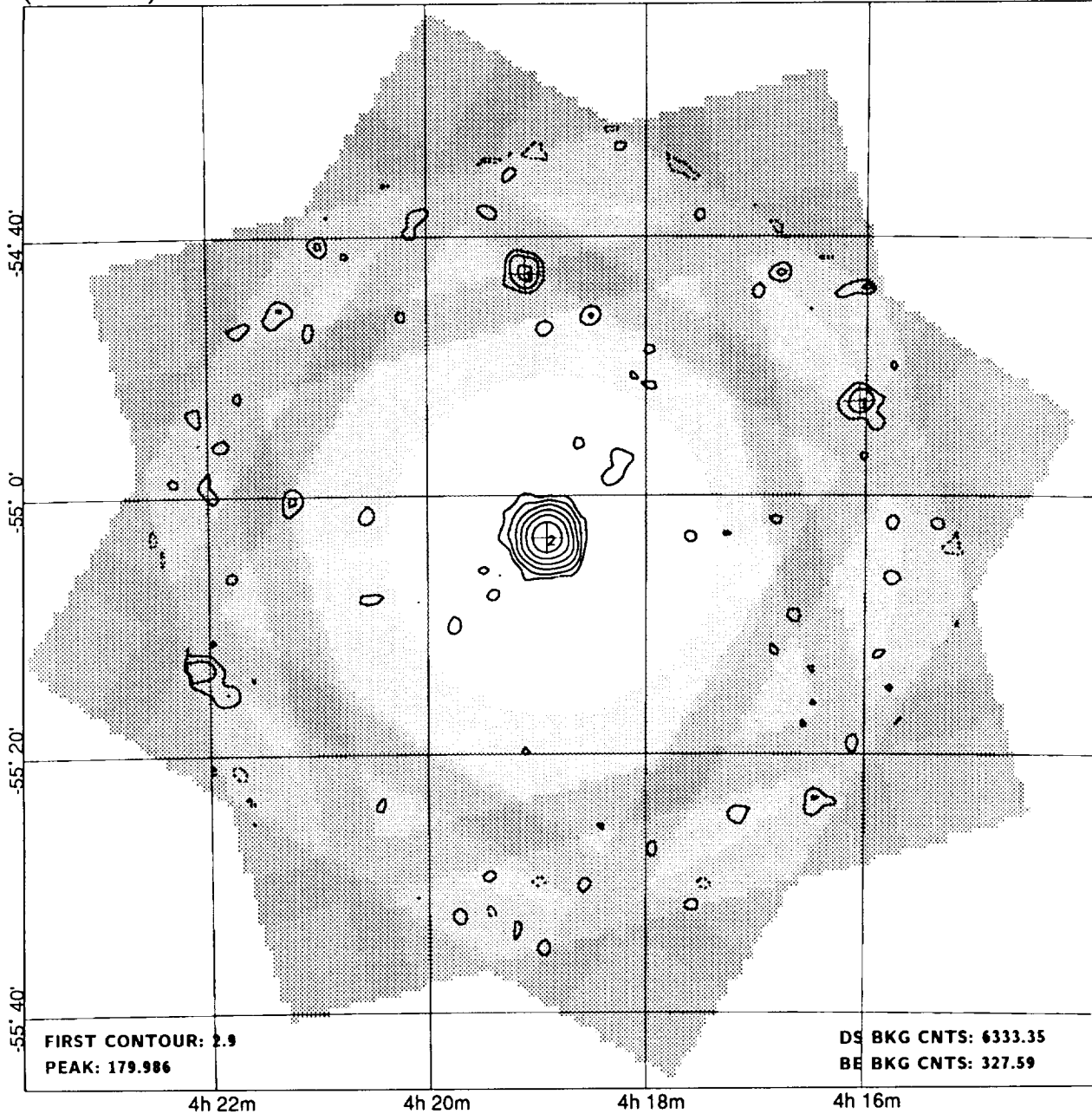
NH: $1.4\text{E}+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
951	1	04 10 54.7	11 04 52	31	0.0843	0.0073	138.6	6.4	11.5	1.1	0	1.7	G

(4h 18m)

I 11002

(4h 18m)



MERGED FIELD; component Seq's: I 1937, I 1938.

FIELD CENTER: 04^h18^m48.0^s -55°03'59" (B1950)
 04^h19^m55.3^s -54°56'53" (J2000)
 l : 264.33 b : -43.40

DATE: 1979/210 - 1979/264
 LIVETIME: 5132.1s

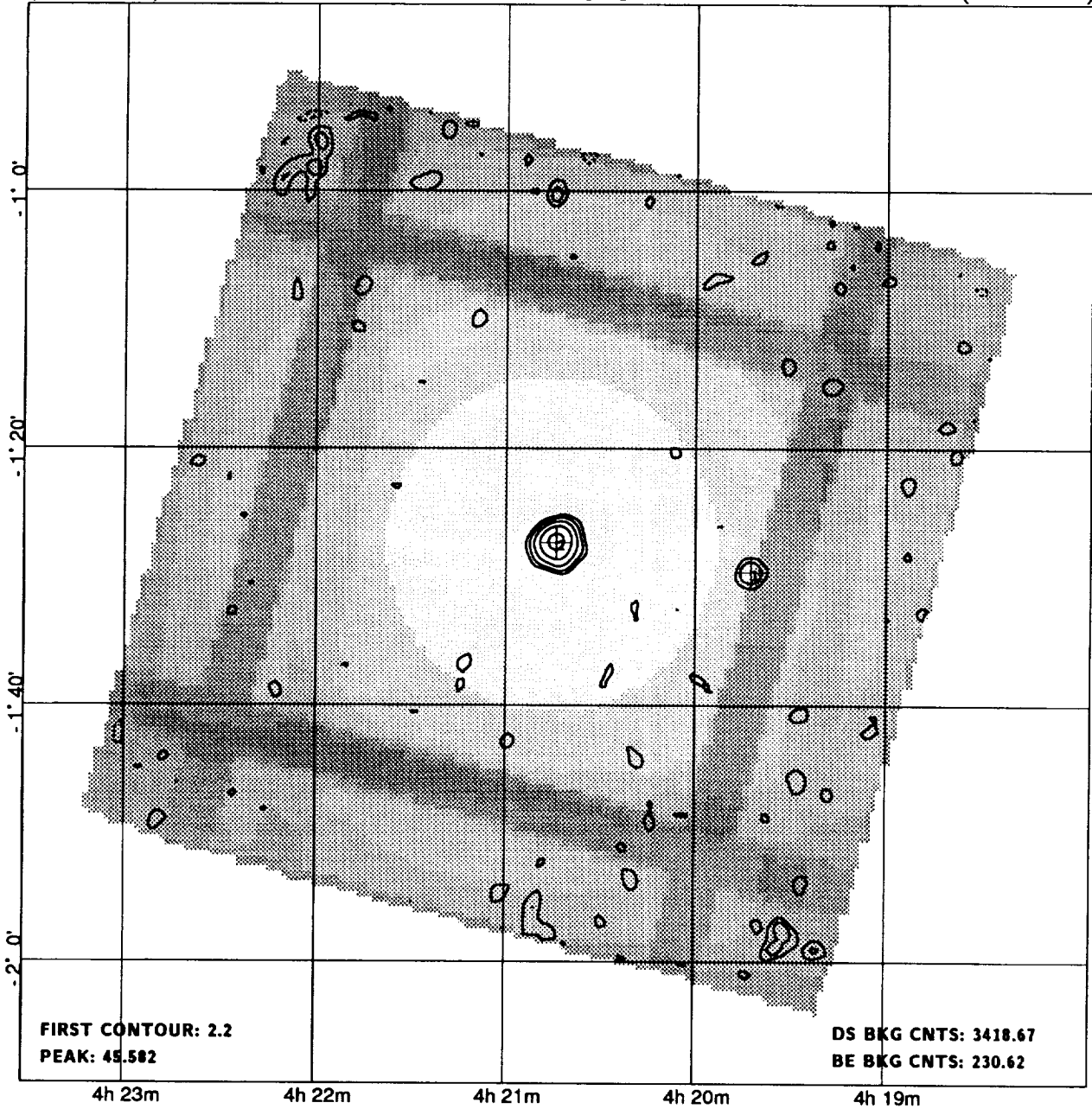
NH: 1.9E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
0	1	04 16 03.6	-54 52 43	55	0.0092	0.0026	19.1	9.9	3.6	1.0	0	26.2	
988	2	04 18 54.3	-55 03 18	31	0.2116	0.0075	808.9	15.1	28.2	1.4	0	1.3	
992	3	04 19 06.2	-54 42 55	51	0.0159	0.0028	40.0	10.0	5.7	1.0	200	21.1	

(4h 20m)

I 11049

(4h 20m)



MERGED FIELD; component Seq's: I 2015, I 2016.

FIELD CENTER: $04^h 20^m 43.5^s -01^\circ 27' 27''$ (B1950)
 $04^h 23^m 15.7^s -01^\circ 20' 32''$ (J2000)
 $l: 195.29 \quad b: -33.14$

DATE: 1979/226 - 1980/ 66
 LIVETIME: 2770.2s

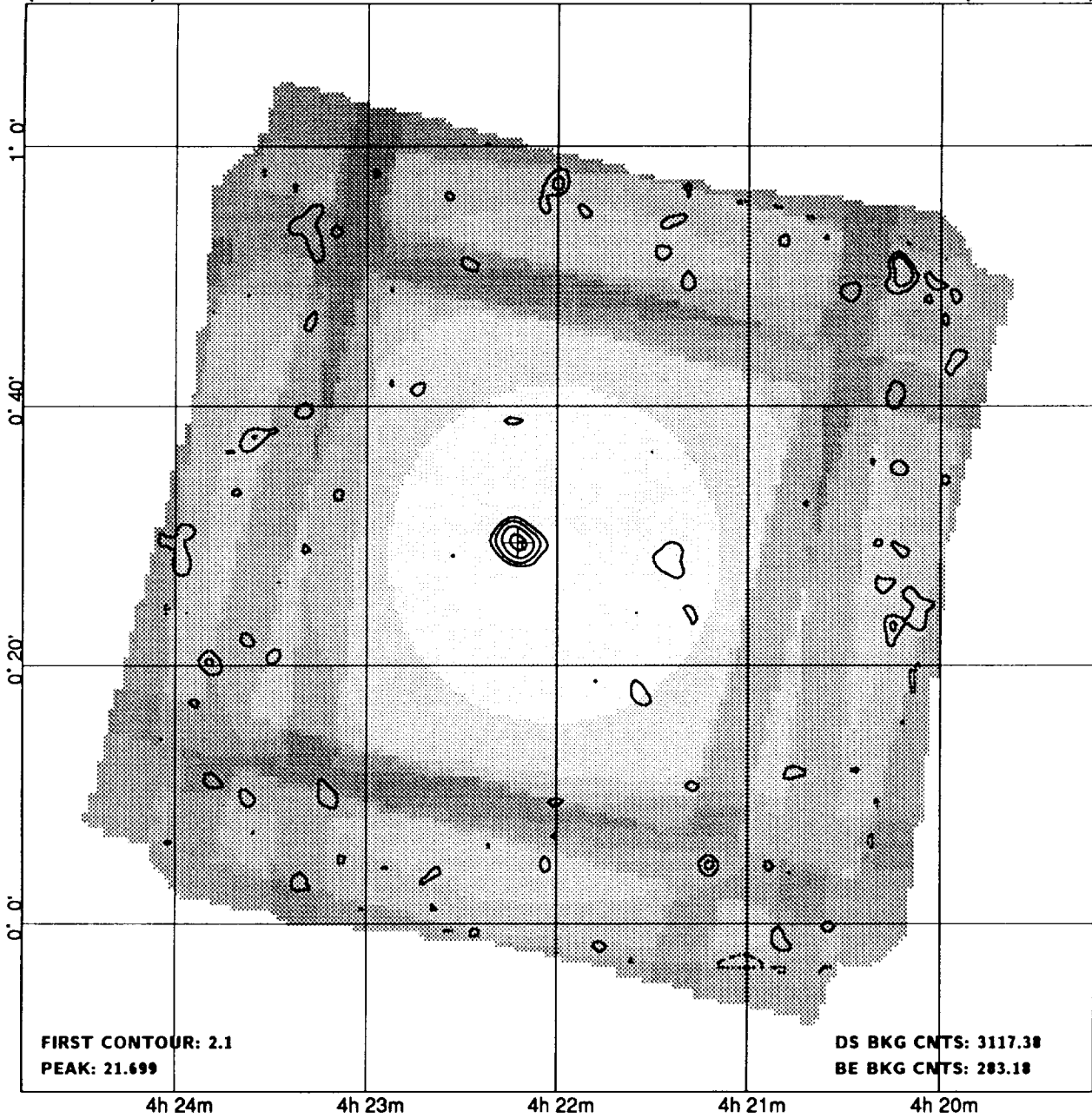
NH: $7.8E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
998	1	04 19 42.6	-01 29 33	52	*0.0141	0.0034	22.7	6.3	4.2	0.7	602	15.2		
1013	2	04 20 44.1	-01 27 18	31	0.0927	0.0069	191.7	9.3	13.5	1.2	0	0.2	Q	

(4h 22m)

I 11058

(4h 22m)



MERGED FIELD; component Seq's: I 1989, I 1990.

FIELD CENTER: $04^h 22^m 00.0^s$ $00^\circ 28' 59''$ (B1950)
 $04^h 24^m 34.3^s$ $00^\circ 35' 50''$ (J2000)
 $l: 193.56$ $b: -31.82$

DATE: 1979/226 - 1980/ 66
 LIVETIME: 2526.1s

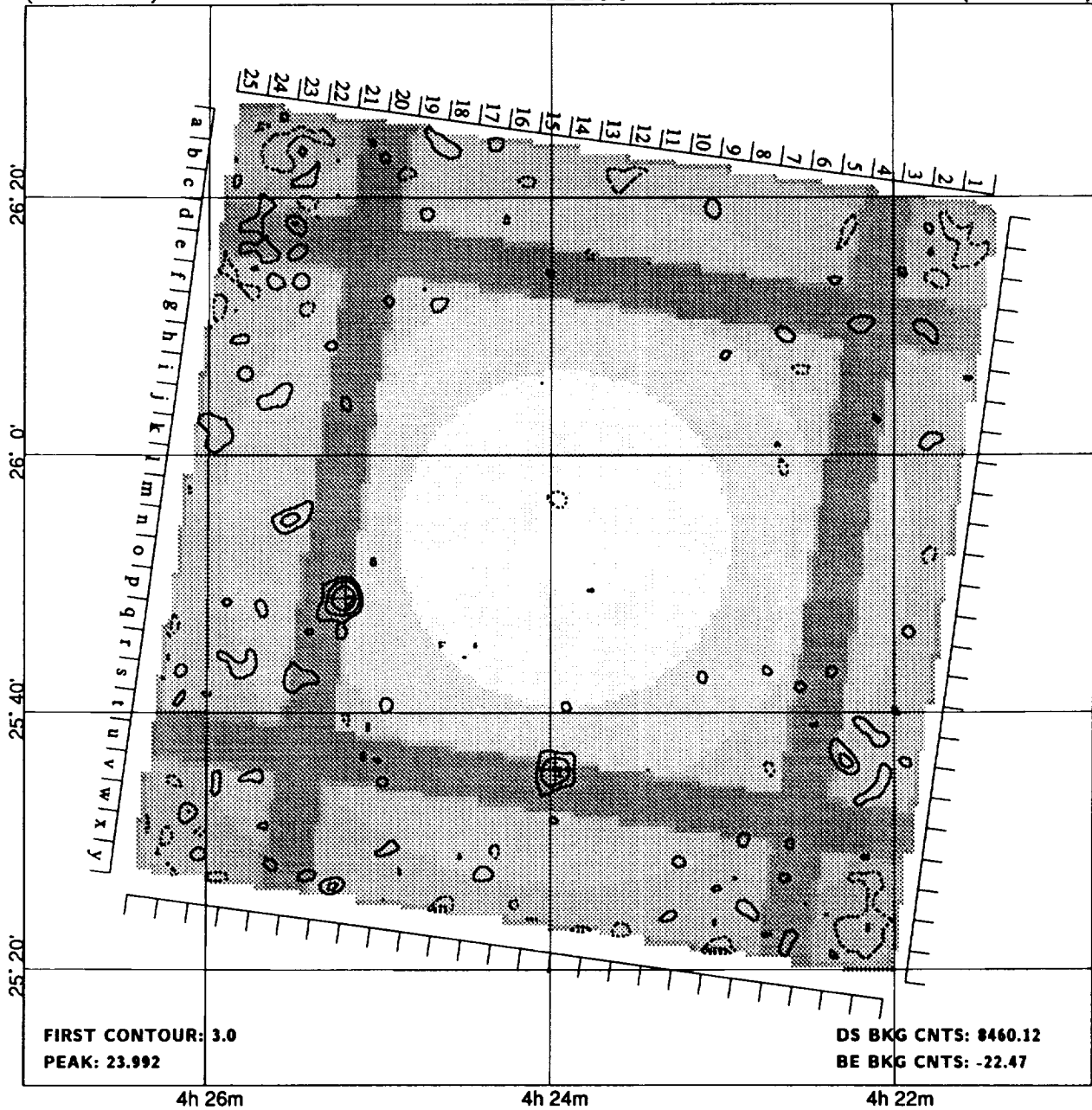
NH: $7.4E+20$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1023	1	04 22 12.5	00 29 24	32	0.0444	0.0052	82.1	8.9	8.6	1.0	0	3.4		BL

(4h 23m)

I 11293

(4h 23m)



MERGED FIELD; component Seq's: I 10572, I 10573.

FIELD CENTER: 04^h23^m57.0^s 25°52'59" (B1950)
 04^h27^m00.5^s 25°59'41" (J2000)
 l : 171.92 b : -15.76

DATE: 1981/ 38 - 1981/ 39
 LIVETIME: 6855.5s
 ROLL ANGLE: 97.0°

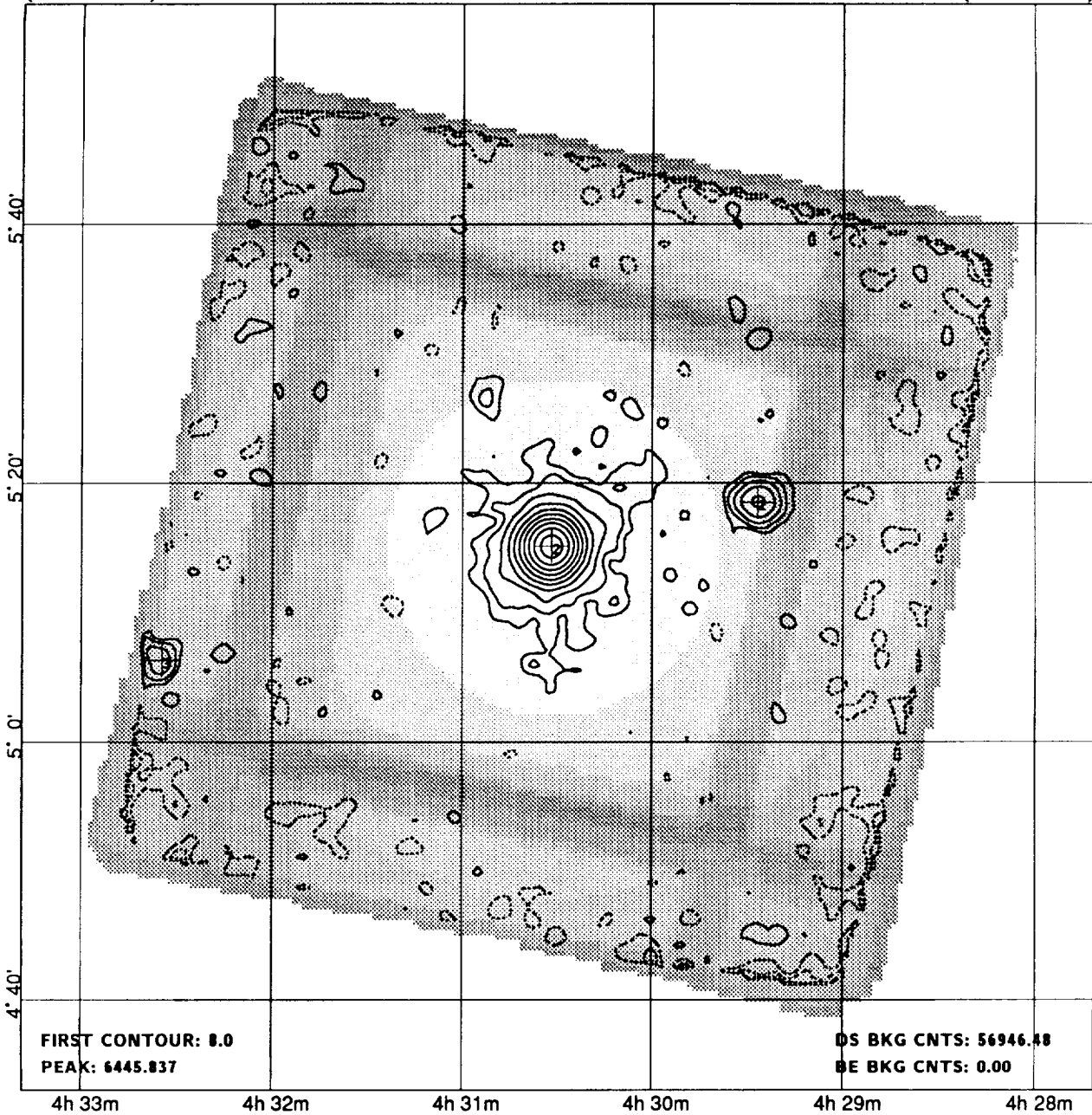
NH: 1.2E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1039	1	04 23 58.4	25 35 33	51	*0.0107	0.0019	40.0	12.0	5.6	0.9	805	17.2	
1049	2	04 25 11.8	25 48 59	50	*0.0167	0.0023	62.3	11.7	7.2	0.9	906	17.4	

(4h 30m)

I 11072

(4h 30m)



MERGED FIELD; component Seq's: I 350, I 351.

FIELD CENTER: 04^h30^m30.0^s 05°14'59" (B1950)
 04^h33^m09.5^s 05°21'16" (J2000)
 l : 190.37 b : -27.40

DATE: 1979/ 67 - 1979/242
 LIVETIME: 46145.2s

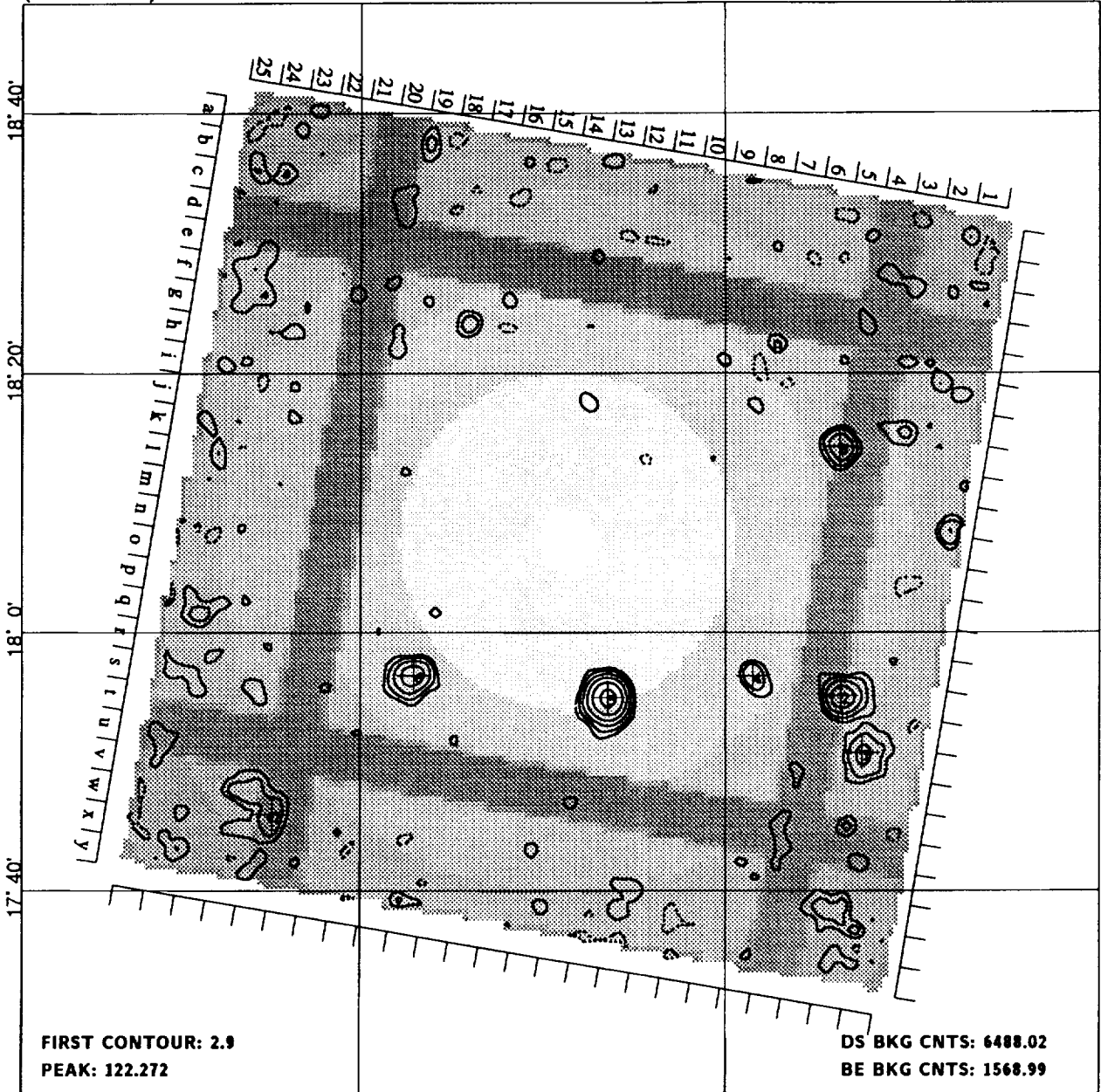
NH: 1.1E+21
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1080	1L	04 29 26.8	05 18 29	47	*0.0158	0.0012	417.9	193.0	12.8	1.2	601	16.1	S	
1087	2L	04 30 31.7	05 15 05	31	0.7258	0.0053	25034.9	1968.1	135.6	1.3	0	0.5	SY	
1101	3L	04 32 34.7	05 06 21	51	*0.0063	0.0014	85.1	97.2	4.4	1.0	602	32.2		

(4h 30m)

I 11286

(4h 30m)



4h 32m

4h 30m

MERGED FIELD; component Seq's: I 3819, I 10538.

FIELD CENTER: 04^h30^m54.0^s 18°06'31" (B1950)
 04^h33^m48.1^s 18°12'45" (J2000)
 l : 179.22 b : -19.59

DATE: 1980/ 46 - 1981/ 41
 LIVETIME: 5257.4s
 ROLL ANGLE: 99.6°

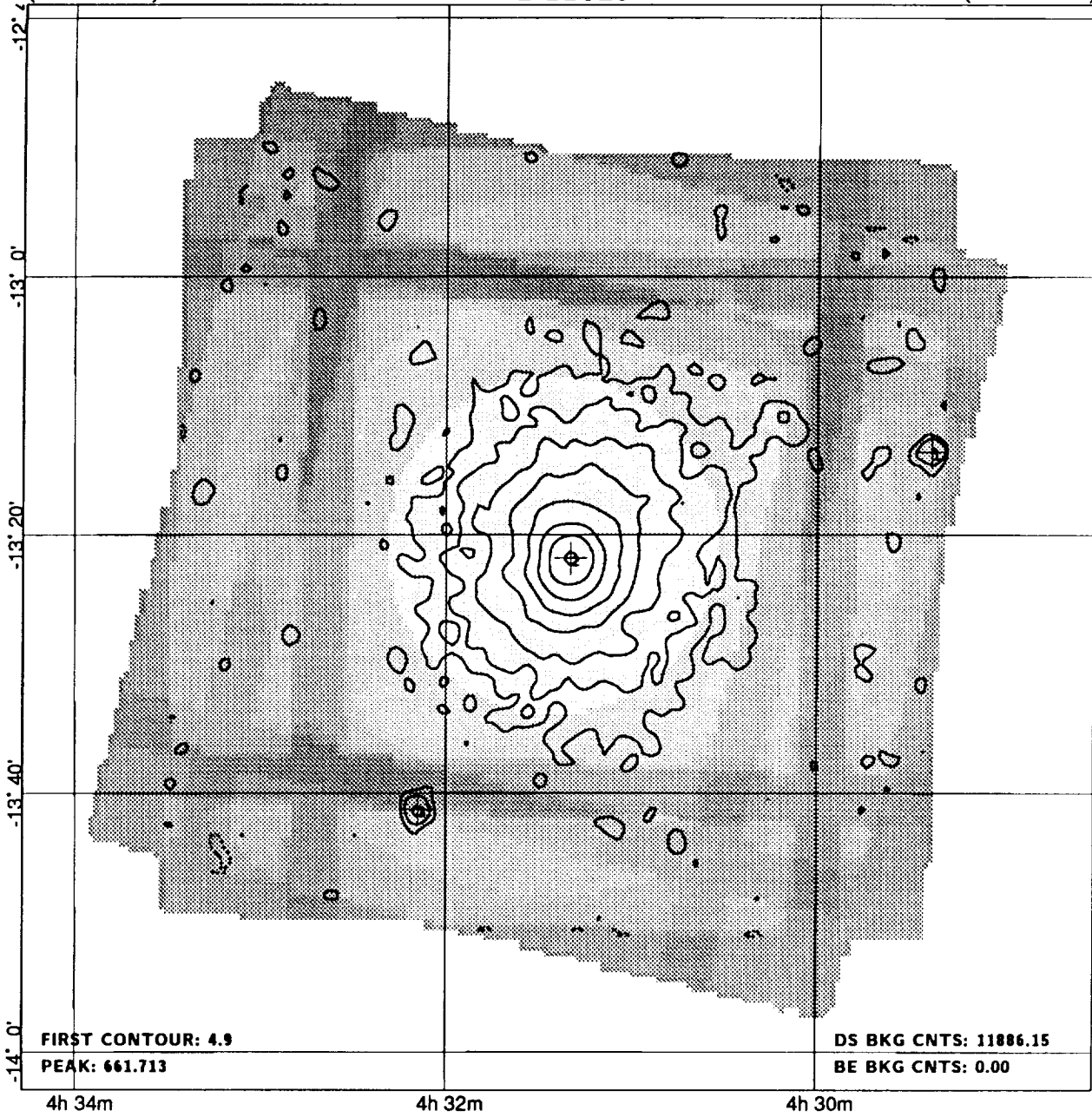
NH: 1.8E+21
 REF/ID: S
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
1076	1	04 29 15.3	17 50 45	51	0.0152	0.0033	30.2	11.8	4.7	1.3	0	28.1	
1079	2	04 29 22.1	17 55 06	48	*0.0393	0.0044	90.9	11.1	9.0	1.1	806	24.5	S
1078	3	04 29 22.4	18 14 22	50	*0.0229	0.0033	56.8	10.2	6.9	0.9	805	23.1	S
1082	4	04 29 51.0	17 56 40	51	0.0109	0.0023	31.3	13.7	4.7	0.8	0	18.1	
1089	5	04 30 38.6	17 54 57	37	0.1288	0.0064	428.5	19.5	20.2	1.1	0	11.9	
1095	6	04 31 42.5	17 56 41	38	0.0388	0.0038	117.9	15.1	10.2	1.0	0	14.9	
0	7	04 32 28.8	17 45 56	59	*0.0114	0.0030	19.9	7.1	3.8	2.0	1006	30.4	

(4h 31m)

I 11029

(4h 31m)



MERGED FIELD; component Seq's: I 2348, I 2349.

FIELD CENTER: $04^{\text{h}}31^{\text{m}}24.0^{\text{s}}$ $-13^{\circ}20'59''$ (B1950)
 $04^{\text{h}}33^{\text{m}}43.1^{\text{s}}$ $-13^{\circ}14'46''$ (J2000)
 $l: 209.58$ $b: -36.46$

DATE: 1979/227 - 1980/ 68
 LIVETIME: 9631.7s

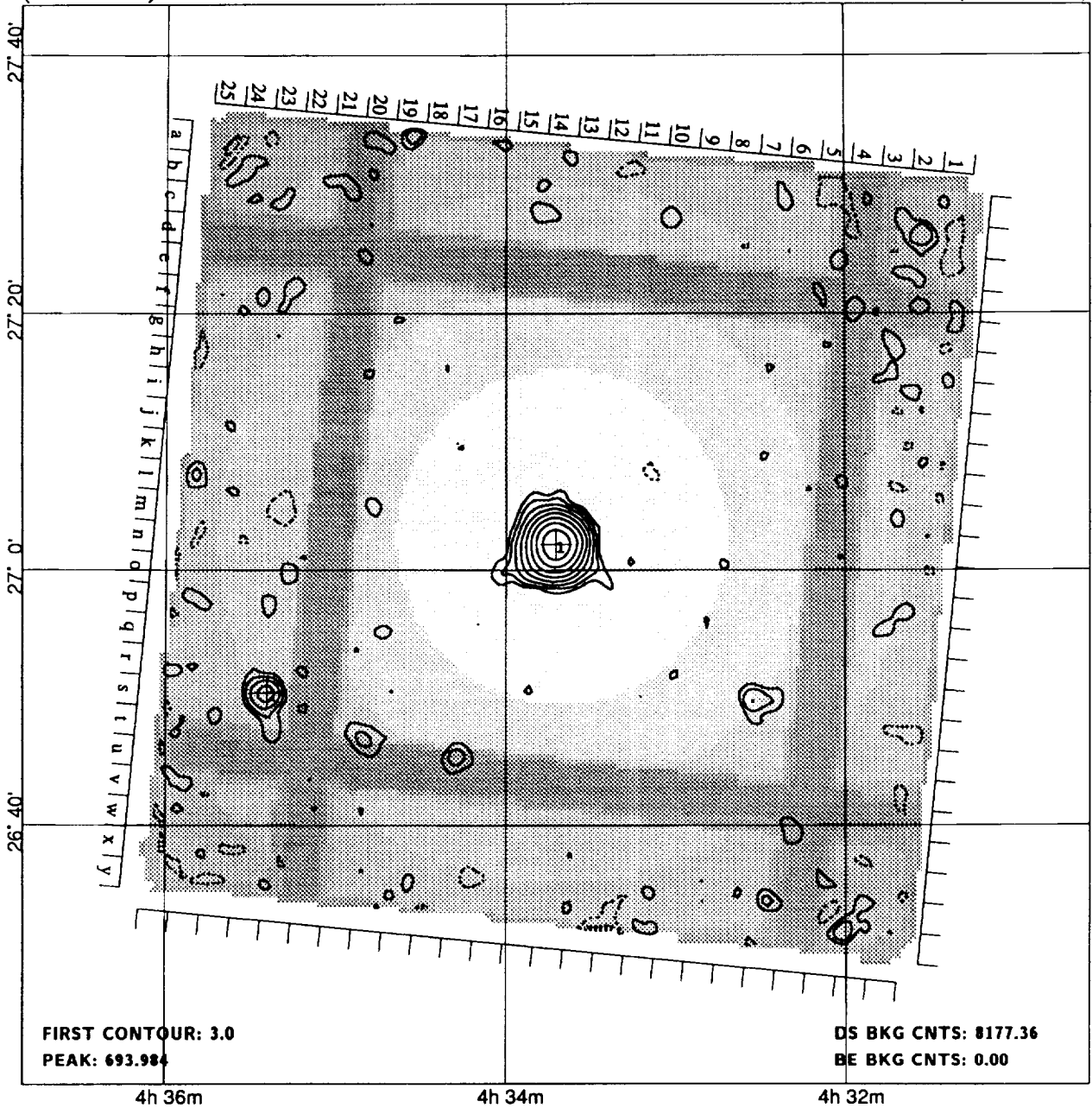
NH: $4.4\text{E}+20$
 REF/ID: CLG
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
0	1L	04 29 23.4	-13 13 36	60	0.0101	0.0027	32.0	19.0	3.6	0.9	0	30.3	
1092	2L	04 31 19.6	-13 21 47	31	0.256	0.010	1824.6	1609.4	25.3	5.0	0	1.4	CLG
0	3L	04 32 09.0	-13 41 14	55	*0.0104	0.0027	46.5	19.5	3.7	0.9	703	23.1	

(4h 33m)

I 11295

(4h 33m)



FIELD CENTER: $04^{\text{h}}33^{\text{m}}42.0^{\text{s}}$ $27^{\circ}01'59''$ (B1950)
 $04^{\text{h}}36^{\text{m}}47.6^{\text{s}}$ $27^{\circ}08'02''$ (J2000)
 $l: 172.51$ $b: -13.36$

DATE: 1991/ 38 - 1991/ 39
 LIVETIME: 6626.3s
 ROLL ANGLE: 95.5°

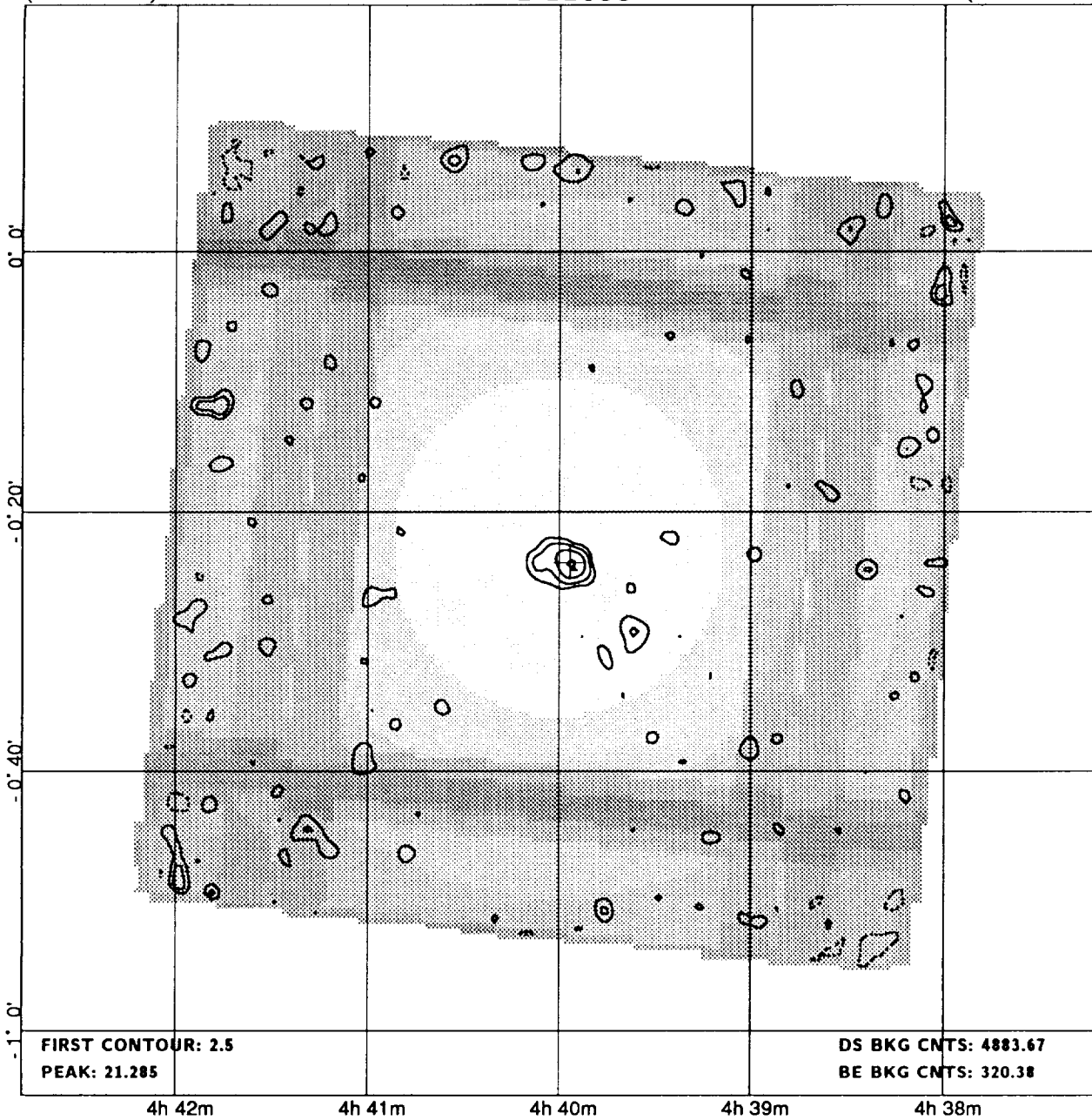
NH: $1.8\text{E}+21$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1103	1L	04 33 42.3	27 01 58	31	0.542	0.013	2674.5	474.5	41.5	1.3	0	0.1	
1106	2L	04 35 24.4	26 50 24	50	0.0233	0.0037	63.4	11.6	6.3	1.0	0	25.5	

(4h 40m)

I 11053

(4h 40m)



4h 42m

4h 41m

4h 40m

4h 39m

4h 38m

MERGED FIELD; component Seq's: I 2017, I 2018.

FIELD CENTER: $04^h 40^m 00.0^s -00^\circ 22' 59''$ (B1950)
 $04^h 42^m 33.4^s -00^\circ 17' 22''$ (J2000)
 $l: 197.18 \quad b: -28.48$

DATE: 1979/251 - 1980/ 66
 LIVETIME: 3957.4s

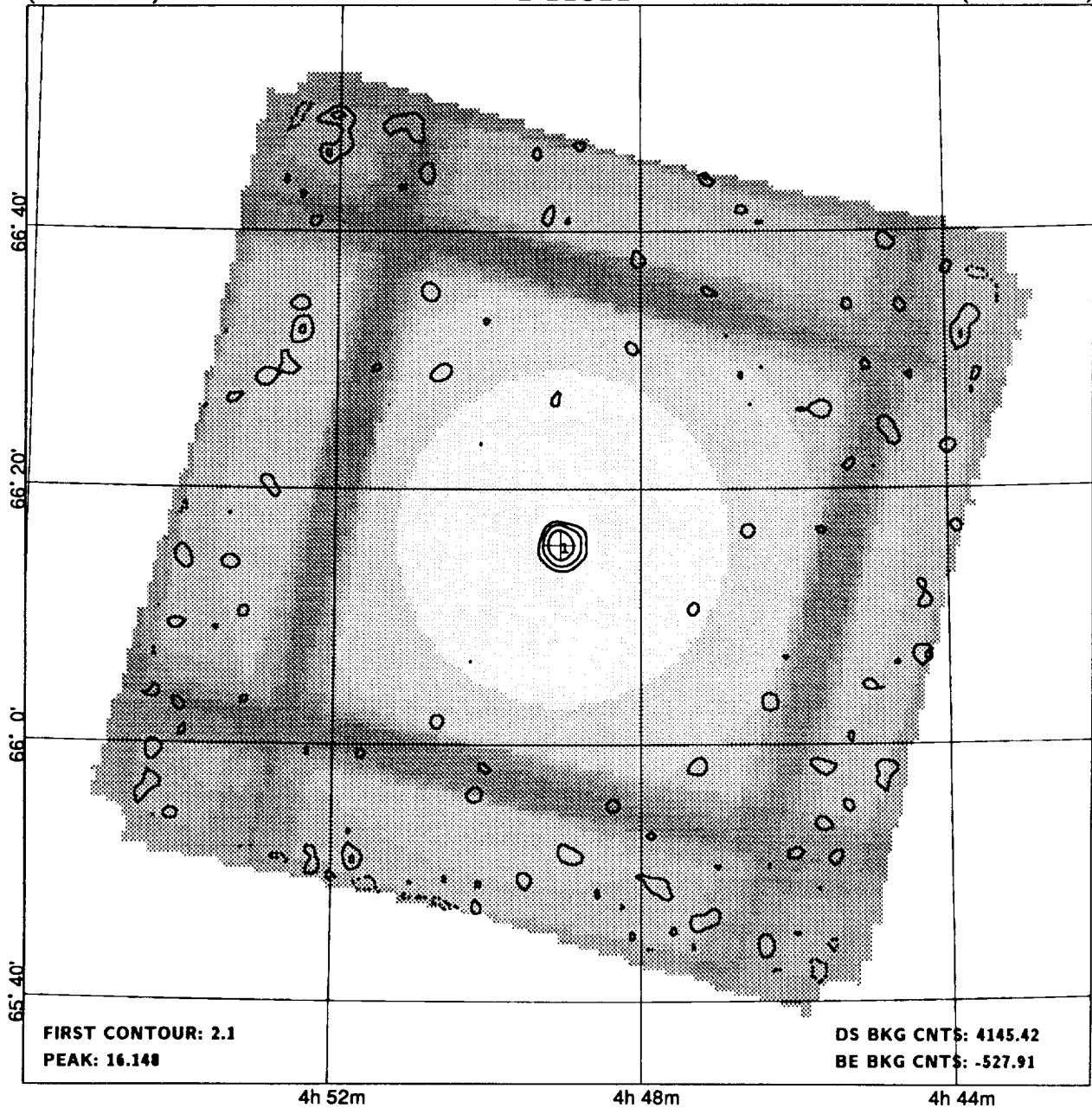
NH: 5.7E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1137	1	04 39 56.7	-00 23 54	32	0.0282	0.0033	82.7	13.3	8.4	1.2	0	1.1	Q	

(4h 49m)

I 11311

(4h 49m)



MERGED FIELD; component Seq's: I 5097, I 5098, I 5099.

FIELD CENTER: $04^h 49^m 04.0^s$ $66^\circ 15' 38''$ (B1950)
 $04^h 54^m 03.2^s$ $66^\circ 20' 33''$ (J2000)
 $l: 144.07$ $b: 14.04$

DATE: 1980/ 72 - 1980/ 81
 LIVETIME: 3359.3s

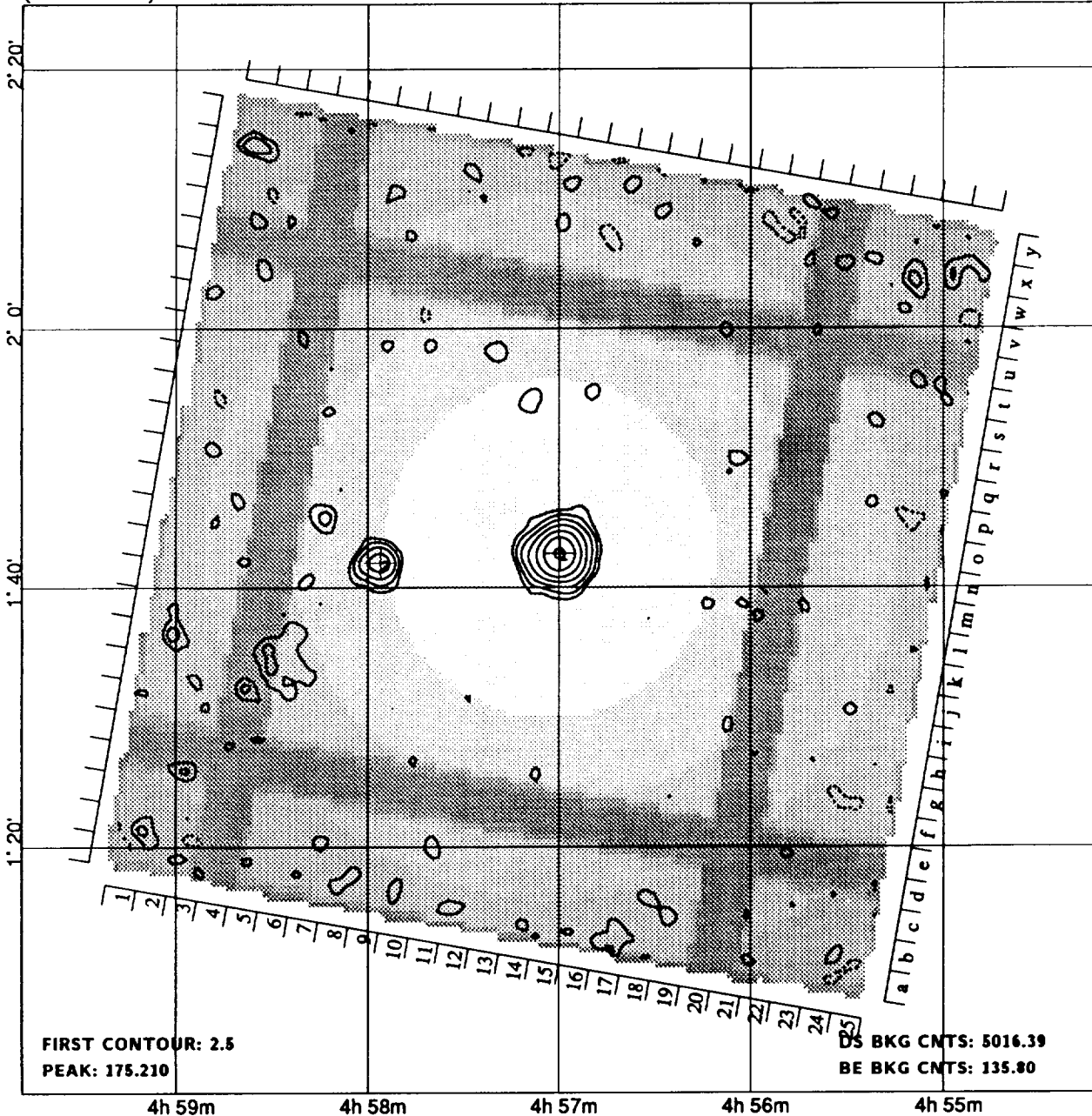
NH: 1.5E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1164	1	04 49 03.2	66 15 40	34	0.0266	0.0035	66.7	8.3	7.7	1.1	0	0.2	S

(4h 57m)

I 11063

(4h 57m)



MERGED FIELD; component Seq's: I 7359, I 7360, I 7361.

FIELD CENTER: 04^h57^m00.0^s 01°42'59" (B1950)
 04^h59^m35.7^s 01°47'26" (J2000)
 l : 197.63 b : -23.76

DATE: 1980/239 - 1980/239
 LIVETIME: 4064.9s
 ROLL ANGLE: -80.0°

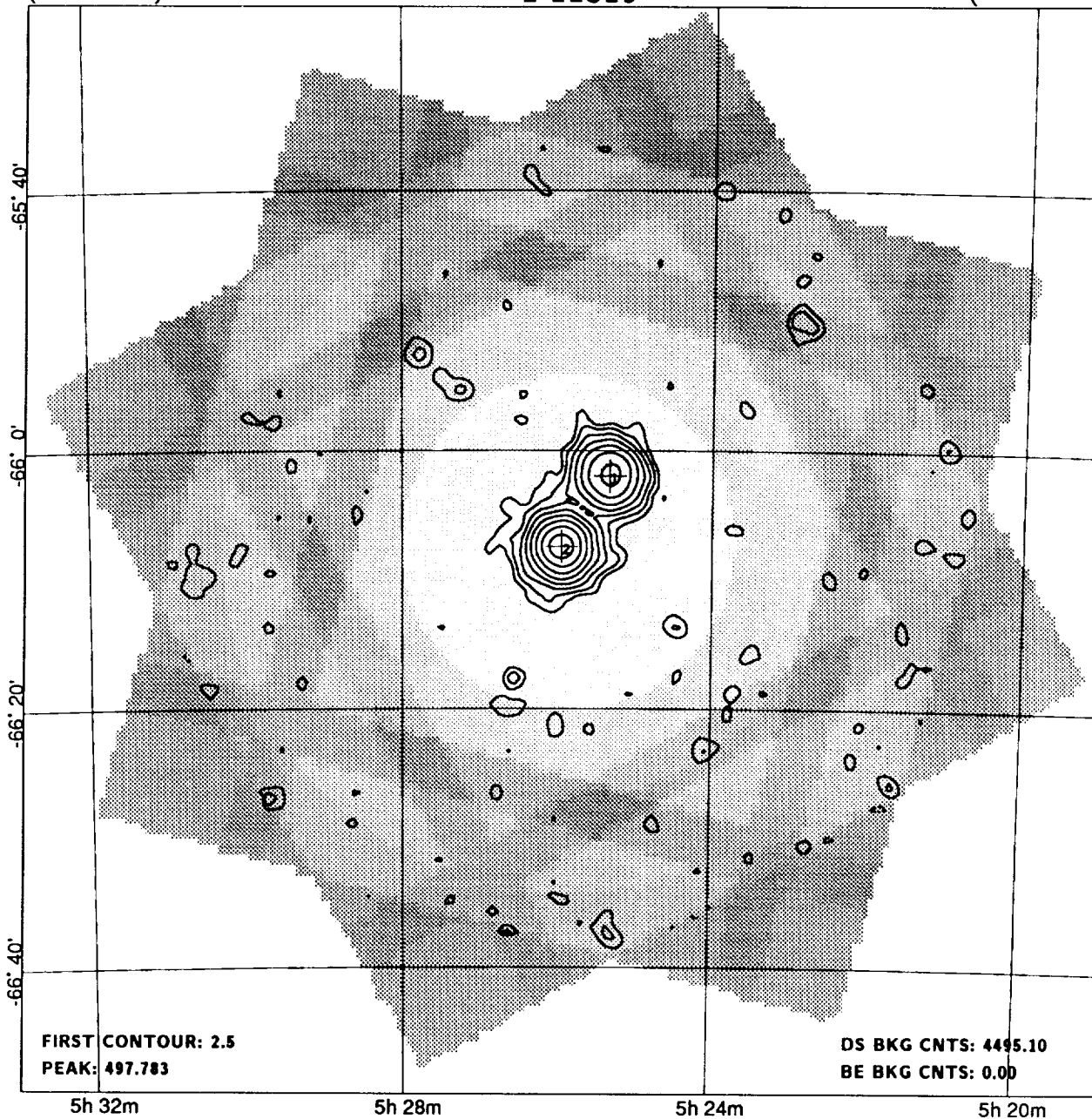
NH: 7.6E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1191	1	04 56 59.7	01 42 40	31	0.2439	0.0091	738.7	13.3	26.9	1.4	0	0.2	
1194	2	04 57 56.0	01 41 55	38	0.0379	0.0041	95.1	10.9	9.2	1.1	0	14.0	

(5h 25m)

I 11319

(5h 25m)



MERGED FIELD; component Seq's: I 2395, I 2472.

FIELD CENTER: 05^h25^m54.9^s -66°07'47" (B1950)
 05^h25^m59.4^s -66°05'19" (J2000)
 l : 276.10 b : -33.25

DATE: 1979/ 56 - 1979/102
 LIVETIME: 3642.5s

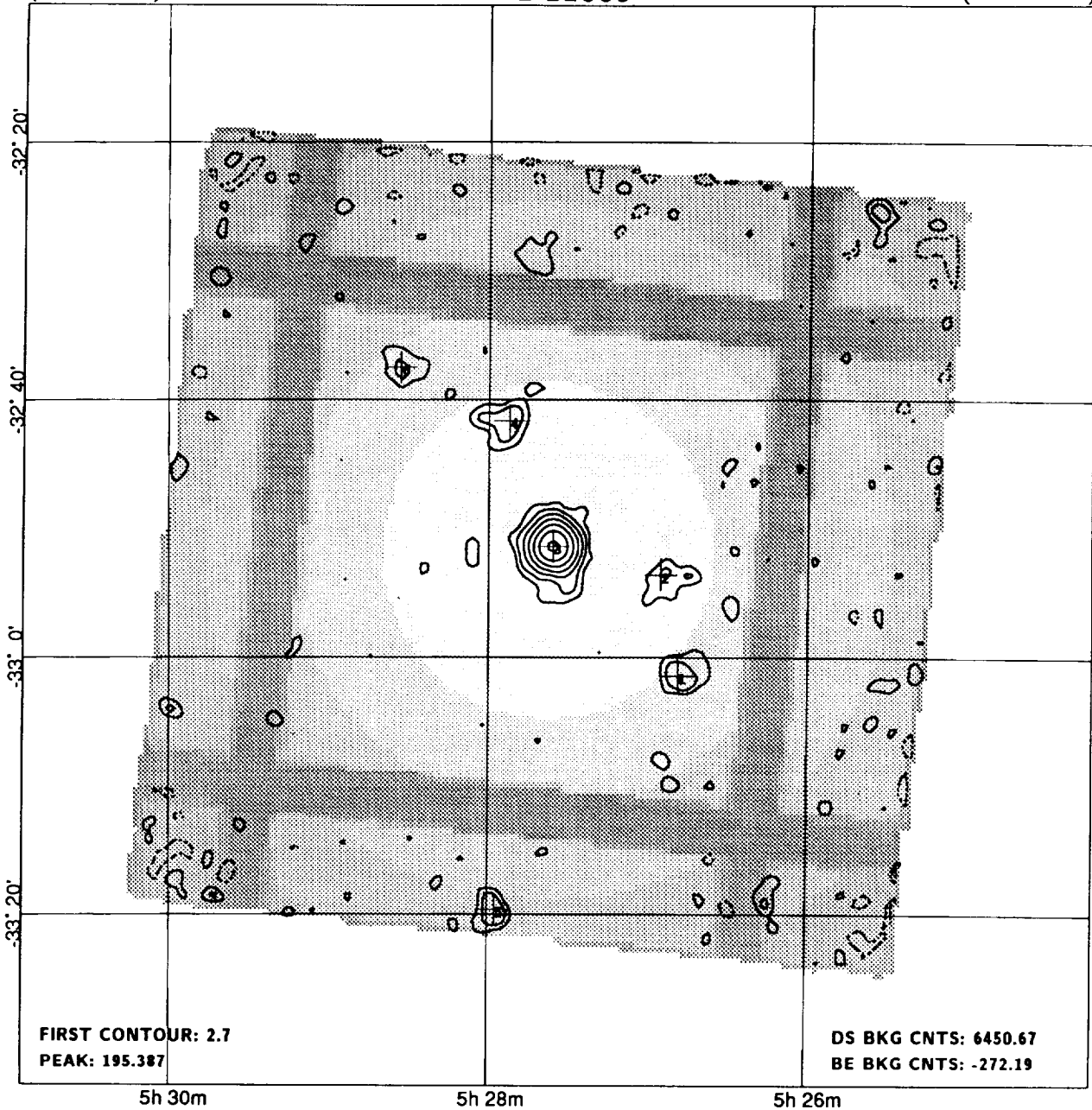
NH: 5.1E+20
 REF/ID: !
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1277	1L	05 25 19.3	-66 01 56	37	0.240	0.014	615.5	326.5	16.7	4.8	0	7.0		SNR
1279	2L	05 25 56.6	-66 07 21	31	0.688	0.020	1867.8	382.2	34.1	2.2	0	0.5		SNR

(5h 27m)

I 11009

(5h 27m)



MERGED FIELD; component Seq's: I 4497, I 4498.

FIELD CENTER: $05^h 27^m 34.5^s$ $-32^\circ 51' 21''$ (B1950)
 $05^h 29^m 25.5^s$ $-32^\circ 49' 04''$ (J2000)
 $l: 236.79$ $b: -30.60$

DATE: 1979/253 - 1979/254
 LIVETIME: 5227.1s

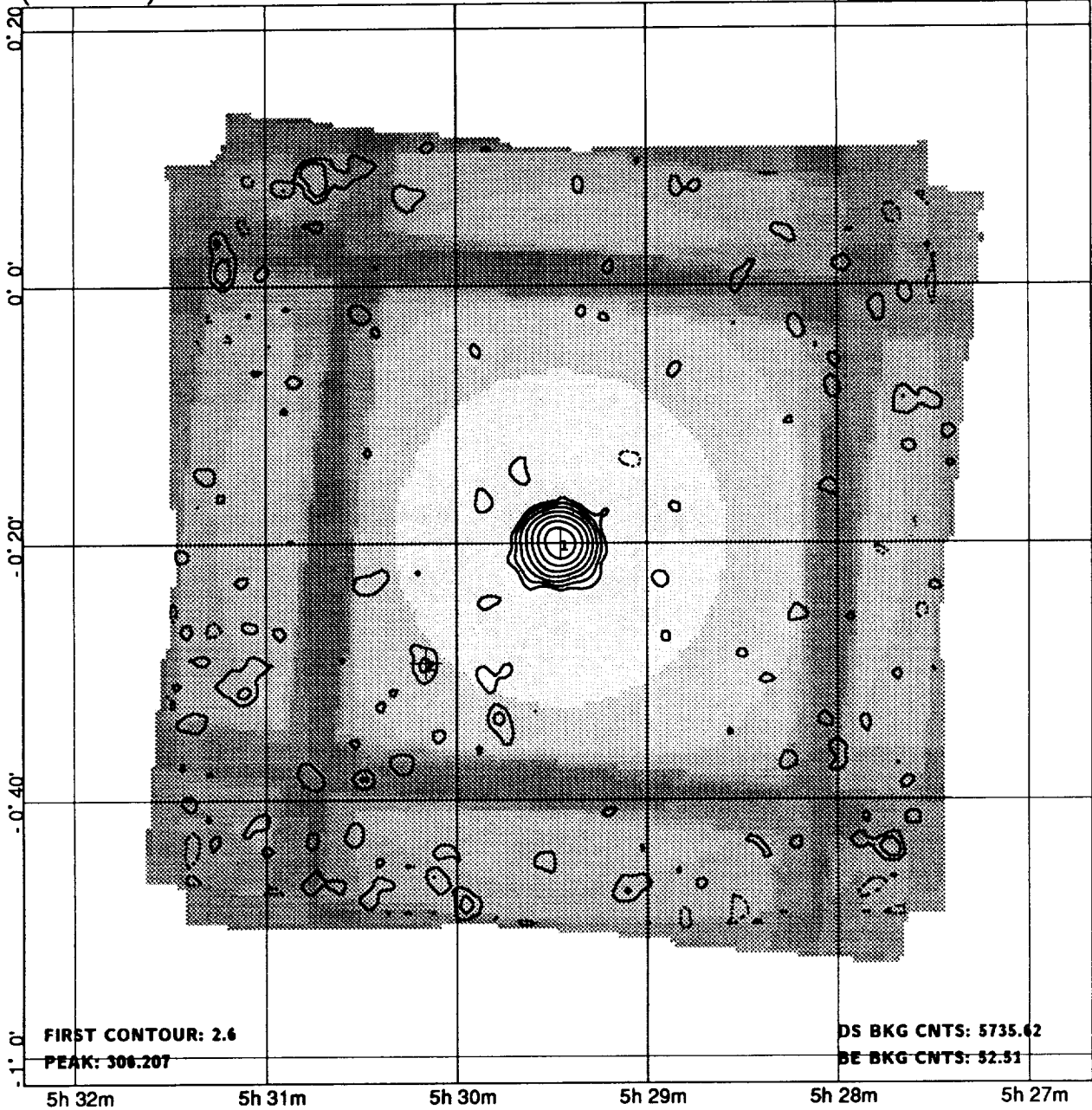
NH: $2.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1284	1	05 26 48.4	-33 01 26	42	0.0120	0.0022	37.9	11.1	5.4	1.0	0	14.1		
0	2	05 26 55.2	-32 53 34	47	0.0071	0.0018	25.1	13.9	4.0	1.3	0	8.6		
1286	3	05 27 35.7	-32 51 21	31	0.1996	0.0072	778.0	14.0	27.6	1.2	0	0.4		CV
1287	4	05 27 52.3	-32 41 35	41	0.0115	0.0021	39.7	14.3	5.4	1.4	0	9.7		
0	5	05 27 57.3	-33 19 39	55	0.0117	0.0029	23.2	10.8	4.0	0.9	0	28.6		
0	6	05 28 33.3	-32 37 27	55	0.0073	0.0021	20.4	12.6	3.6	1.0	0	18.7		

(5h 29m)

I 11266

(5h 29m)



MERGED FIELD; component Seq's: I 5100, I 5101, I 5102.

FIELD CENTER: $05^{\text{h}}29^{\text{m}}28.0^{\text{s}} -00^{\circ}20'03''$ (B1950)
 $05^{\text{h}}32^{\text{m}}01.3^{\text{s}} -00^{\circ}17'56''$ (J2000)
 $l: 203.86 \quad b: -17.74$

DATE: 1980/ 63 - 1980/ 83
 LIVETIME: 4647.8s

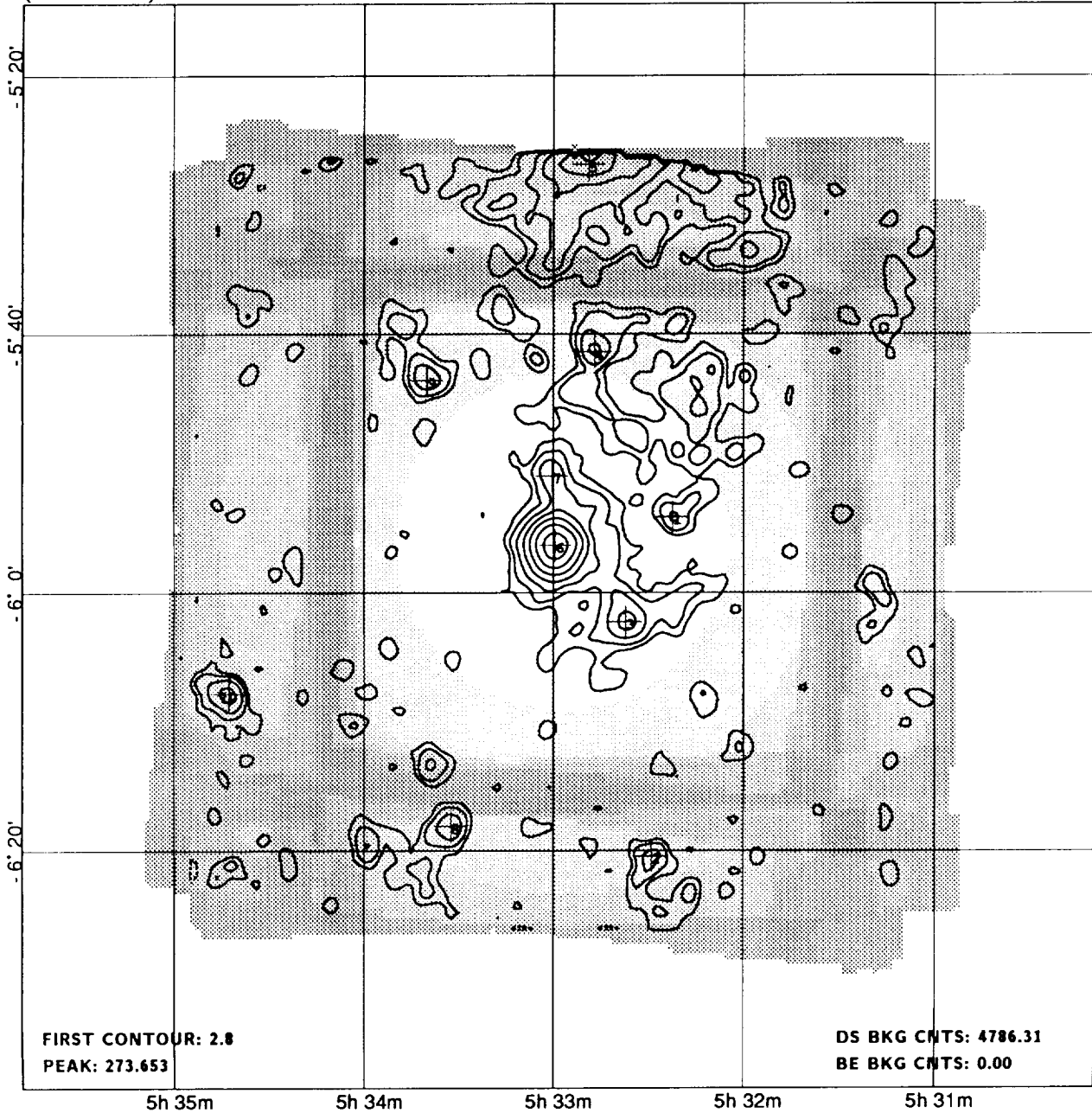
NH: 1.0E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1293	1	05 29 27.3	-00 19 58	31	0.411	0.011	1425.3	13.7	37.6	1.4	0	0.2	S
1299	2	05 30 09.8	-00 29 24	47	0.0083	0.0021	23.2	11.8	3.9	0.8	0	13.8	

(5h 32m)

I 11263

(5h 32m)



MERGED FIELD; component Seq's: I 5094, I 5095, I 5096.

FIELD CENTER: 05^h32^m59.0^s -05°56'27" (B1950)
 05^h35^m25.8^s -05°54'35" (J2000)
l: 209.52 *b*: -19.58

DATE: 1980/ 63 - 1980/ 83
 LIVETIME: 3878.5s

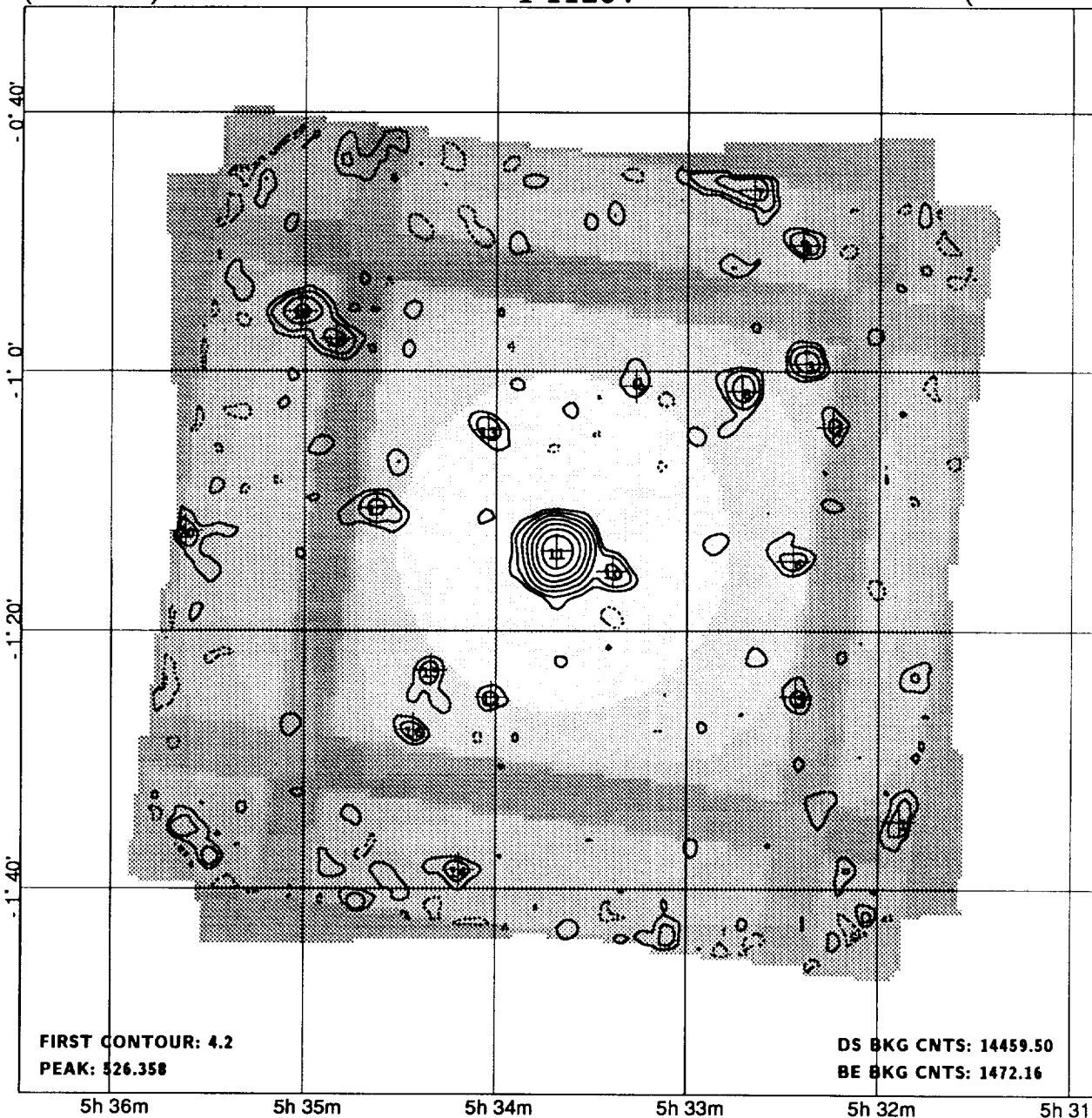
NH: 1.6E+21
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT ± RATE	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
1338	1L	05 32 22.3	-05 54 07	41	0.0131 0.0034	34.5	20.5	3.8	14.5	0	9.5	
1347	2L	05 32 29.0	-06 20 24	51	0.0172 0.0047	28.4	13.6	3.5	1.9	0	25.1	S
1353	3L	05 32 37.2	-06 02 15	38	0.0289 0.0050	77.3	47.7	5.6	19.6	0	8.0	
1361	4L	05 32 47.0	-05 41 22	48	0.0270 0.0048	61.9	24.1	5.5	6.8	0	15.4	
1366	5L	05 32 48.9	-05 26 52	48	*0.091 0.020	100.5	100.5	4.5	4.9	703	29.7	S
1377	6L	05 32 59.5	-05 56 21	31	0.353 0.014	1021.3	250.7	24.6	2.1	0	0.2	S
1378	7L	05 33 00.4	-05 50 55	41	0.0184 0.0042	50.9	40.1	4.3	29.6	0	5.4	
1408	8L	05 33 32.5	-06 18 06	50	*0.0261 0.0065	45.9	15.6	3.9	2.6	701	23.3	S
1410	9L	05 33 40.0	-05 43 35	50	0.0255 0.0045	55.9	16.1	5.5	1.9	0	16.6	
1441	10L	05 34 42.6	-06 07 53	50	0.0384 0.0064	55.0	10.0	5.8	1.3	0	28.1	

(5h 33m)

I 11264

(5h 33m)



MERGED FIELD; component Seq's: I 3128, I 5047.

FIELD CENTER: 05^h 33^m 40.0^s -01° 13' 53" (B1950)
05^h 36^m 12.3^s -01° 12' 04" (J2000)
ℓ: 205.21 b: -17.24

DATE: 1979/ 85 - 1980/ 61
LIVETIME: 11716.9s

NH: 4.4E+21
REF/ID: S
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
1319	1	05 31 53.5	-01 34 44	61	*0.0092	0.0023	27.2	18.8	4.0	1.1	1106	33.6	
0	2	05 32 14.6	-01 04 16	56	*0.0043	0.0012	23.5	21.5	3.5	0.7	906	23.3	
1340	3	05 32 23.0	-00 59 24	50	0.0127	0.0018	67.4	26.6	6.9	0.9	100	24.2	
0	4	05 32 23.9	-00 50 17	55	0.0069	0.0017	28.8	23.2	4.0	0.8	0	30.2	
1342	5	05 32 26.0	-01 25 07	56	*0.0046	0.0012	26.0	20.0	3.8	0.7	803	21.4	
1343	6	05 32 26.9	-01 14 32	52	0.0059	0.0012	37.4	23.6	4.8	0.9	300	18.0	
1356	7	05 32 39.2	-00 46 00	51	*0.0146	0.0023	52.0	16.0	6.3	1.7	603	31.7	
1357	8	05 32 43.0	-01 01 31	50	0.0137	0.0017	86.7	28.3	8.1	1.1	0	19.3	
0	9	05 33 16.2	-01 01 08	46	0.0040	0.0011	28.9	33.1	3.7	0.9	0	13.6	
1398	10	05 33 23.4	-01 15 21	34	0.0103	0.0013	86.9	40.1	7.7	41.5	0	4.4	

Source Table cont.

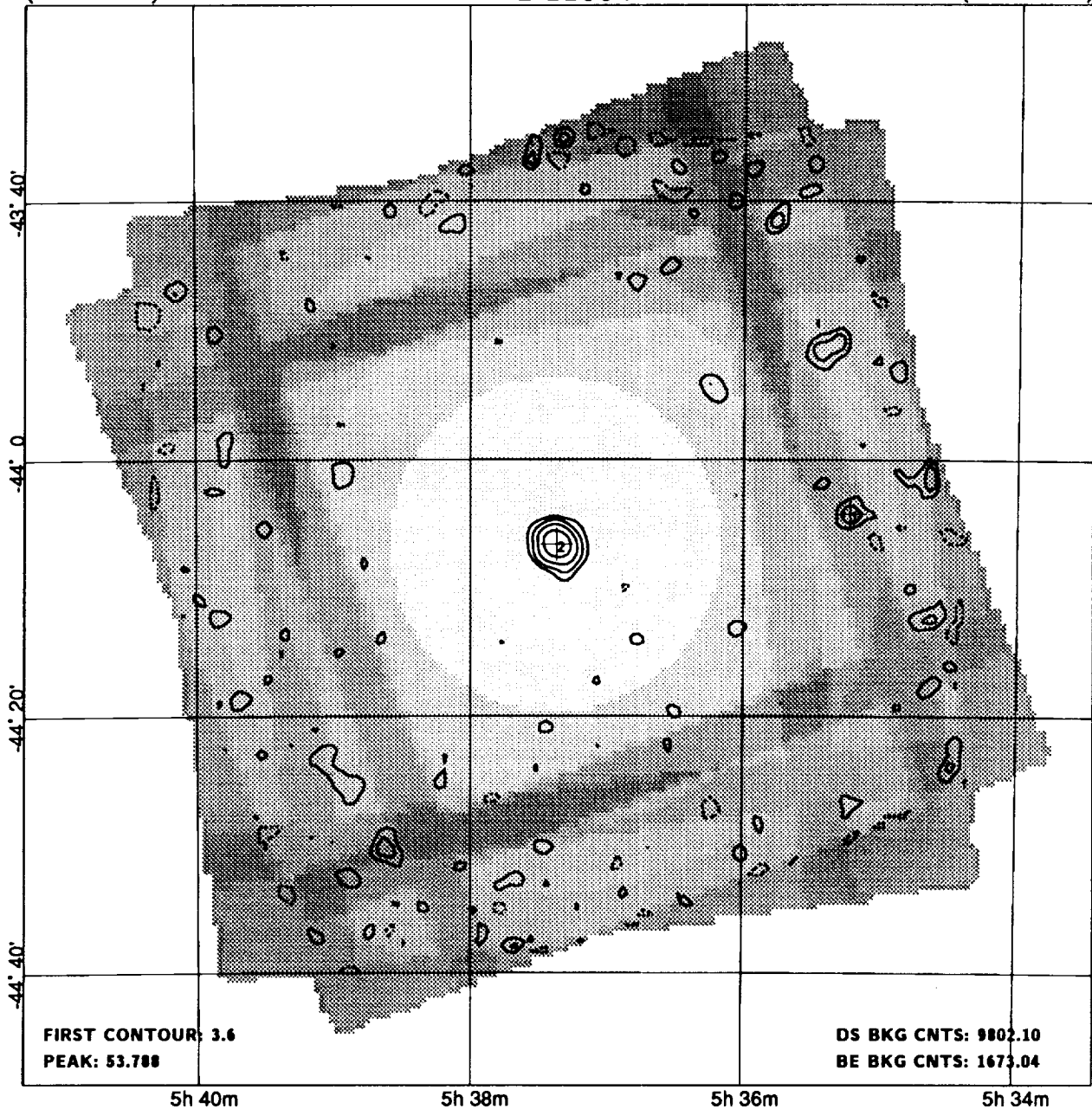
I 11264 cont.

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1411	11	05 33 41.0	-01 13 47	31	0.2800	0.0057	2443.8	41.2	49.0	1.4	0	0.4		S
0	12	05 34 01.5	-01 25 10	43	0.0044	0.0011	32.1	32.9	4.0	0.7	0	12.6		
1423	13	05 34 02.5	-01 04 27	41	0.0061	0.0012	47.4	37.6	5.1	0.8	0	10.7		
1429	14	05 34 11.5	-01 38 31	55	0.0061	0.0016	28.8	27.2	3.8	0.9	0	25.9		
1432	15	05 34 20.4	-01 23 06	42	0.0055	0.0012	38.8	32.2	4.6	1.1	0	13.8		
0	16	05 34 25.8	-01 27 40	51	0.0061	0.0013	38.1	28.9	4.7	0.7	500	17.8		
1438	17	05 34 37.5	-01 10 30	41	0.0090	0.0014	62.2	31.8	6.4	1.2	600	15.0		
1444	18	05 34 50.4	-00 57 27	51	*0.0111	0.0017	58.6	17.4	6.7	3.0	1006	24.2		
1449	19	05 35 01.3	-00 55 19	50	0.0162	0.0022	74.1	26.9	7.4	1.9	0	27.6		
1458	20	05 35 36.9	-01 12 16	53	*0.0097	0.0023	30.2	21.8	4.2	1.4	703	29.2		

(5h 37m)

I 11004

(5h 37m)



MERGED FIELD: component Seq's: I 7499, I 7501.

FIELD CENTER: $05^h 37^m 20.8^s$ $-44^\circ 06' 47''$ (B1950)
 $05^h 38^m 50.1^s$ $-44^\circ 05' 11''$ (J2000)
 $l: 250.08$ $b: -31.09$

DATE: 1980/ 98 - 1980/271
 LIVETIME: 7943.1s

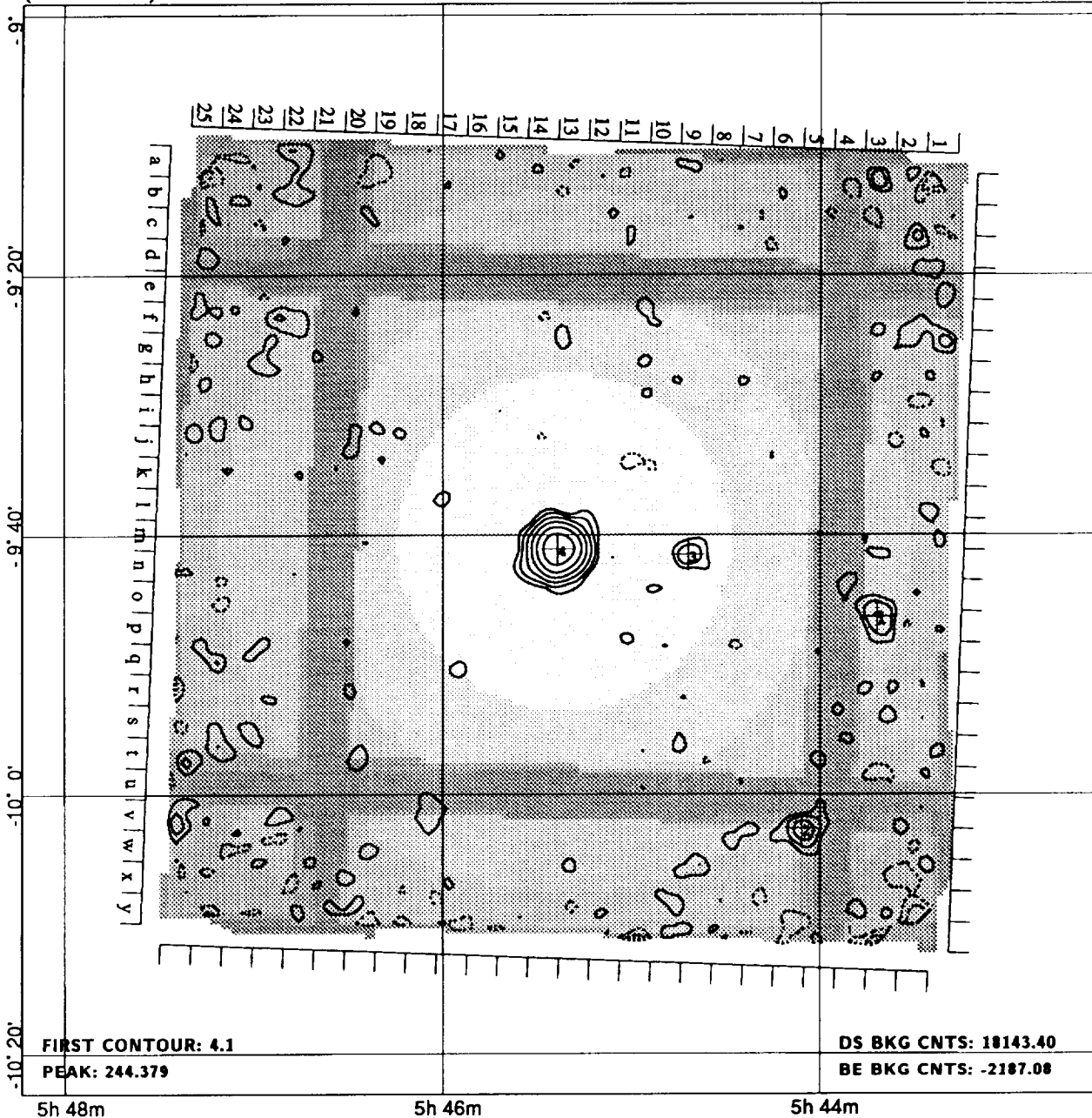
NH: $3.7E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
0	1	05 35 13.3	-44 04 16	56	*0.0061	0.0017	22.3	14.7	3.7	0.7	1309	22.9	
1488	2	05 37 22.2	-44 06 38	31	0.0384	0.0027	227.7	29.3	14.2	1.2	0	0.2	*

(5h 45m)

I 11256

(5h 45m)



5h 48m

5h 46m

5h 44m

MERGED FIELD; component Seq's: I 3129, I 5048.

FIELD CENTER: 05^h45^m23.0^s -09°41'11" (B1950)
 05^h47^m45.3^s -09°40'13" (J2000)
 l : 214.51 b : -18.50

DATE: 1979/ 85 - 1980/ 75
 LIVETIME: 14702.1s
 ROLL ANGLE: 92.2°

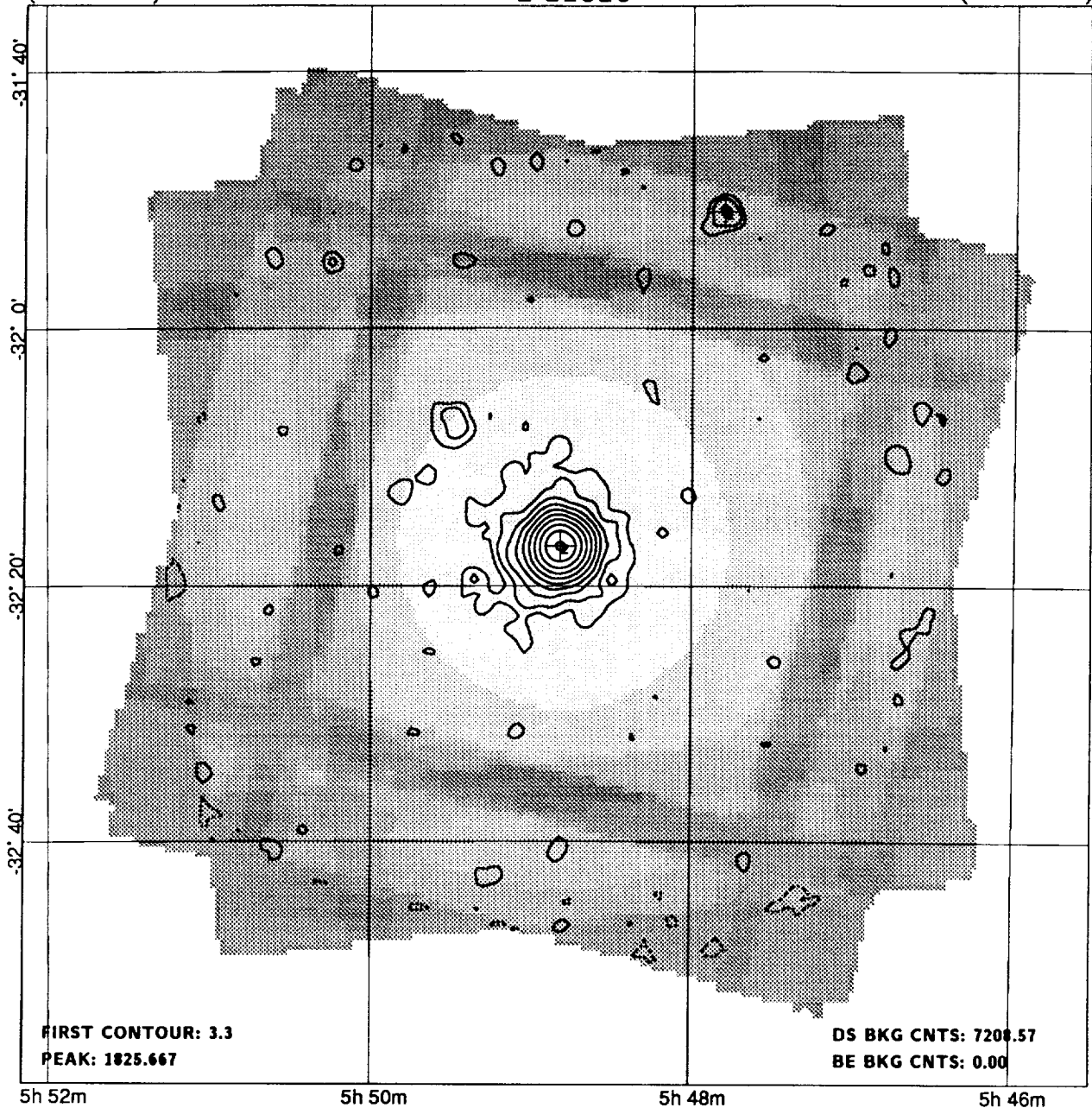
NH: 1.6E+21
 REF/ID: S
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
1546	1	05 43 42.1	-09 46 22	52	0.0072	0.0013	45.9	23.1	5.5	0.9	200	25.5	
1552	2	05 44 05.8	-10 02 41	51	*0.0090	0.0015	48.8	17.2	6.0	1.0	1105	28.5	
1559	3	05 44 41.8	-09 41 32	42	0.00472	0.00090	46.4	32.6	5.2	0.8	0	10.0	
1562	4	05 45 23.4	-09 41 04	31	0.1055	0.0032	1155.2	38.8	33.4	1.4	0	0.2	S

(5h 48m)

I 11010

(5h 48m)



MERGED FIELD; component Seq's: I 3069, I 7726.

FIELD CENTER: 05^h48^m50.0^s -32°16'55" (B1950)
 05^h50^m41.6^s -32°16'10" (J2000)
 l : 237.56 b : -26.14

DATE: 1979/ 59 - 1980/ 63
 LIVETIME: 5841.3s

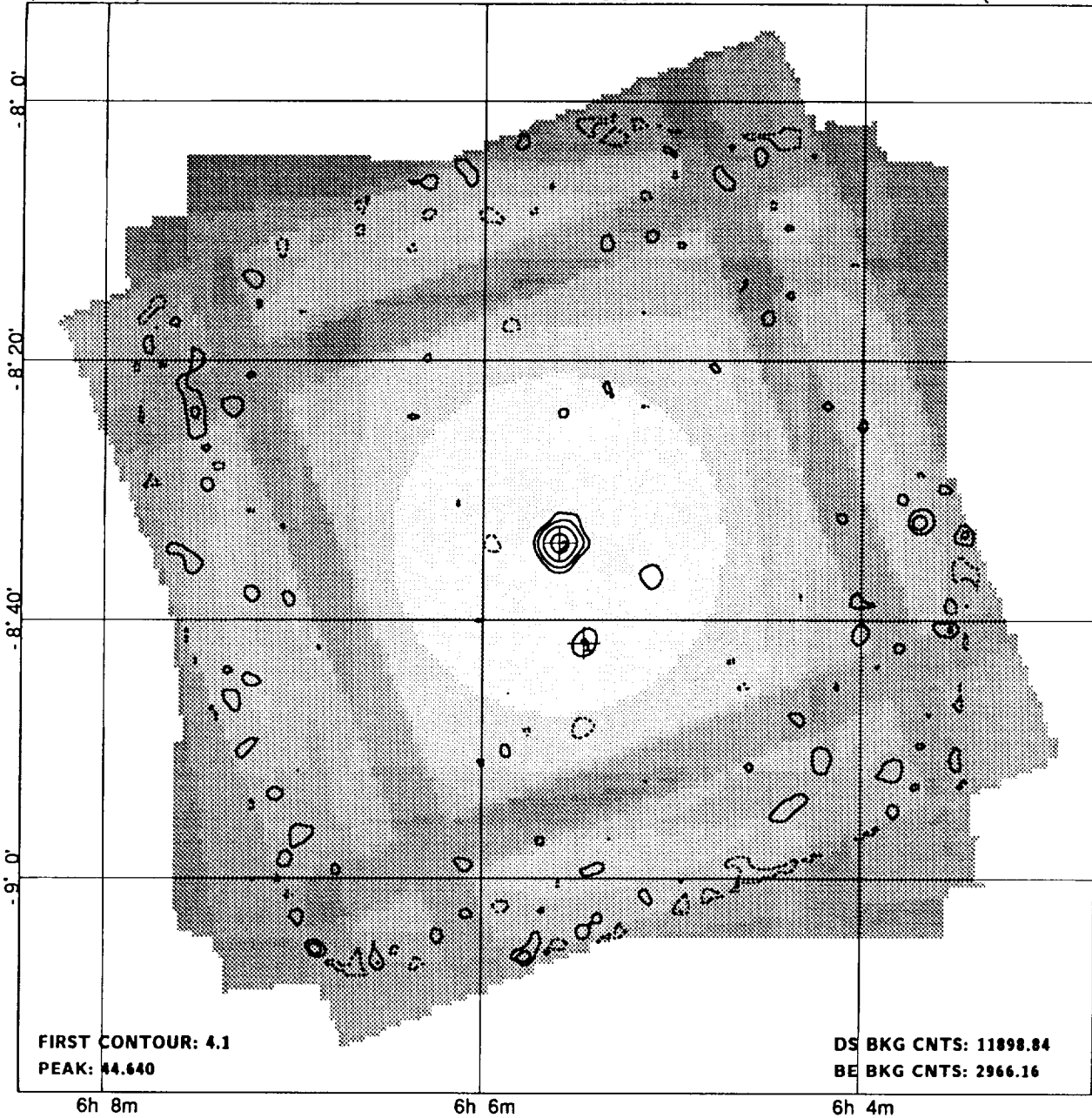
NH: 2.4E+20
 REF/ID: !
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
0	1L	05 47 48.1	-31 50 53	55	0.0145	0.0035	31.8	10.2	4.0	0.9	100	29.1	
1574	2L	05 48 49.1	-32 16 55	31	1.620	0.023	7059.5	870.5	69.9	1.4	0	0.2	BL

(6h 5m)

I 11258

(6h 5m)



MERGED FIELD; component Seq's: I 7287, I 7288, I 10684.

FIELD CENTER: $06^{\text{h}}05^{\text{m}}36.4^{\text{s}}$ $-08^{\circ}34'38''$ (B1950)
 $06^{\text{h}}08^{\text{m}}00.0^{\text{s}}$ $-08^{\circ}35'08''$ (J2000)
 $l: 215.76$ $b: -13.52$

DATE: 1980/ 80 - 1981/ 98
 LIVETIME: 9642.0s

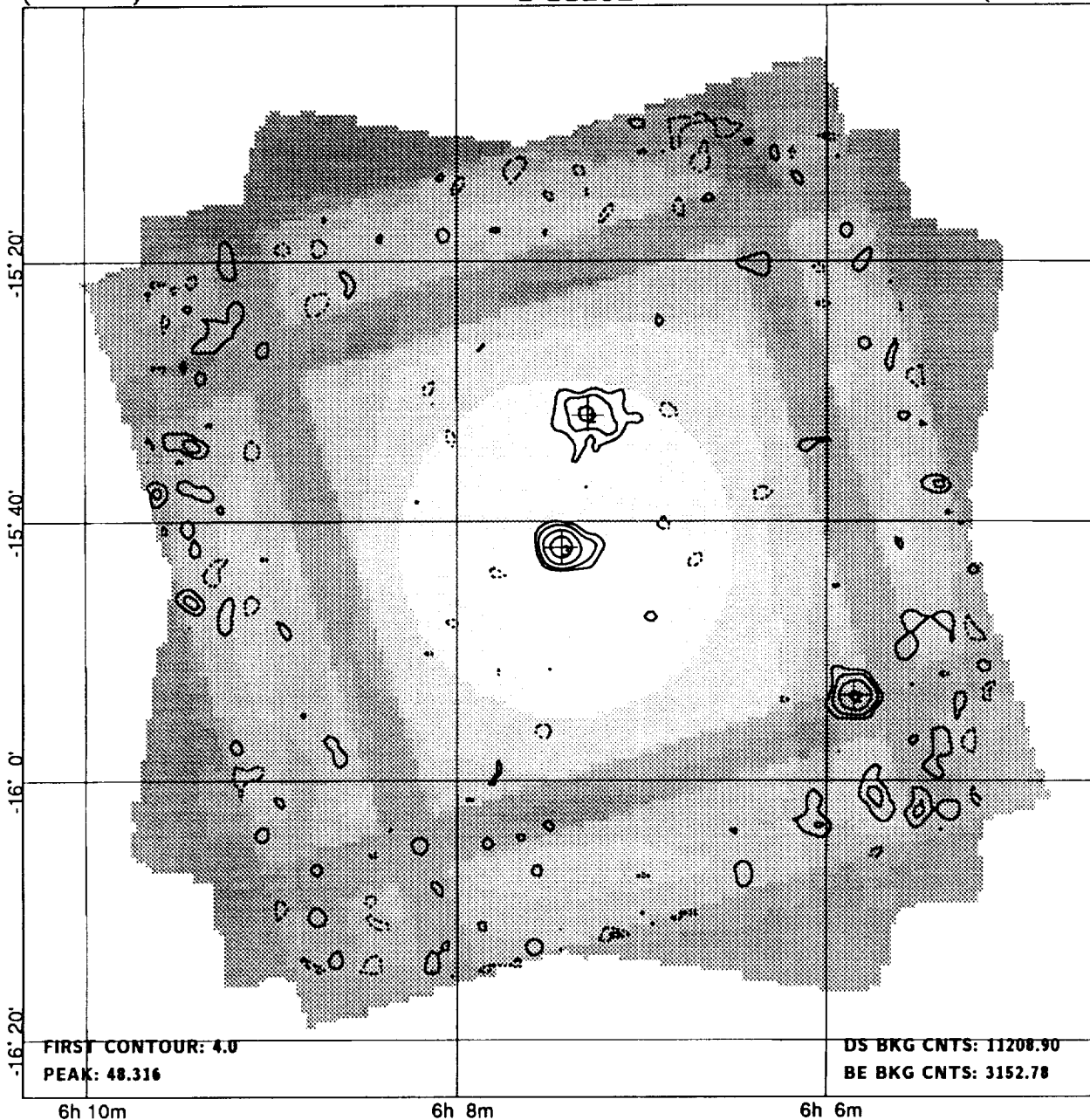
NH: 2.2E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1602	1	06 05 27.8	-08 41 50	42	0.0047	0.0013	31.6	38.4	3.8	0.6	0	7.3	
1603	2	06 05 35.8	-08 34 08	31	0.0250	0.0020	179.8	37.2	12.2	1.1	0	0.7	

(6h 7m)

I 11252

(6h 7m)



6h 10m

6h 8m

6h 6m

MERGED FIELD; component Seq's: I 7289, I 7290, I 10685.

FIELD CENTER: 06^h07^m25.6^s -15°42'20" (B1950)
 06^h09^m40.5^s -15°42'58" (J2000)
 l : 222.62 b : -16.19

DATE: 1980/ 65 - 1981/101
 LIVETIME: 9082.9s

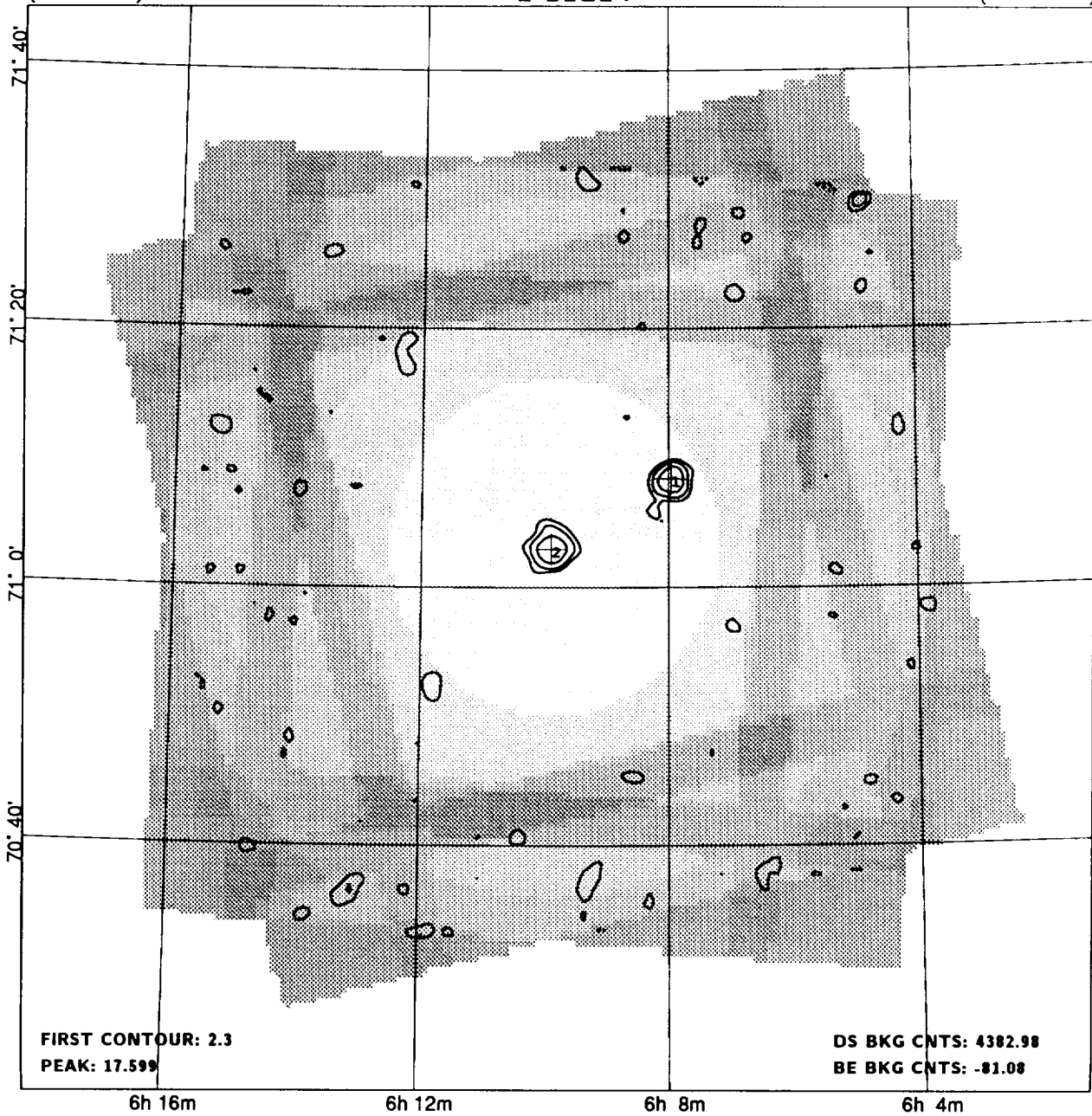
NH: 1.4E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
0	1	06 05 51.3	-15 53 24	50	*0.0224	0.0027	87.8	20.2	8.4	1.1	302	25.3	
0	2	06 07 17.5	-15 31 44	41	0.0127	0.0017	76.0	33.0	7.3	1.9	0	10.7	
1608	3	06 07 26.0	-15 42 01	31	0.0291	0.0023	197.3	38.7	12.8	1.1	0	0.4	Q

(6h 9m)

I 11214

(6h 9m)



MERGED FIELD; component Seq's: I 6704, I 7197.

FIELD CENTER: 06^h09^m48.1^s 71°02'59" (B1950)
 06^h15^m36.0^s 71°02'03" (J2000)
 l : 143.30 b : 22.72

DATE: 1980/ 69 - 1980/273
 LIVETIME: 3551.7s

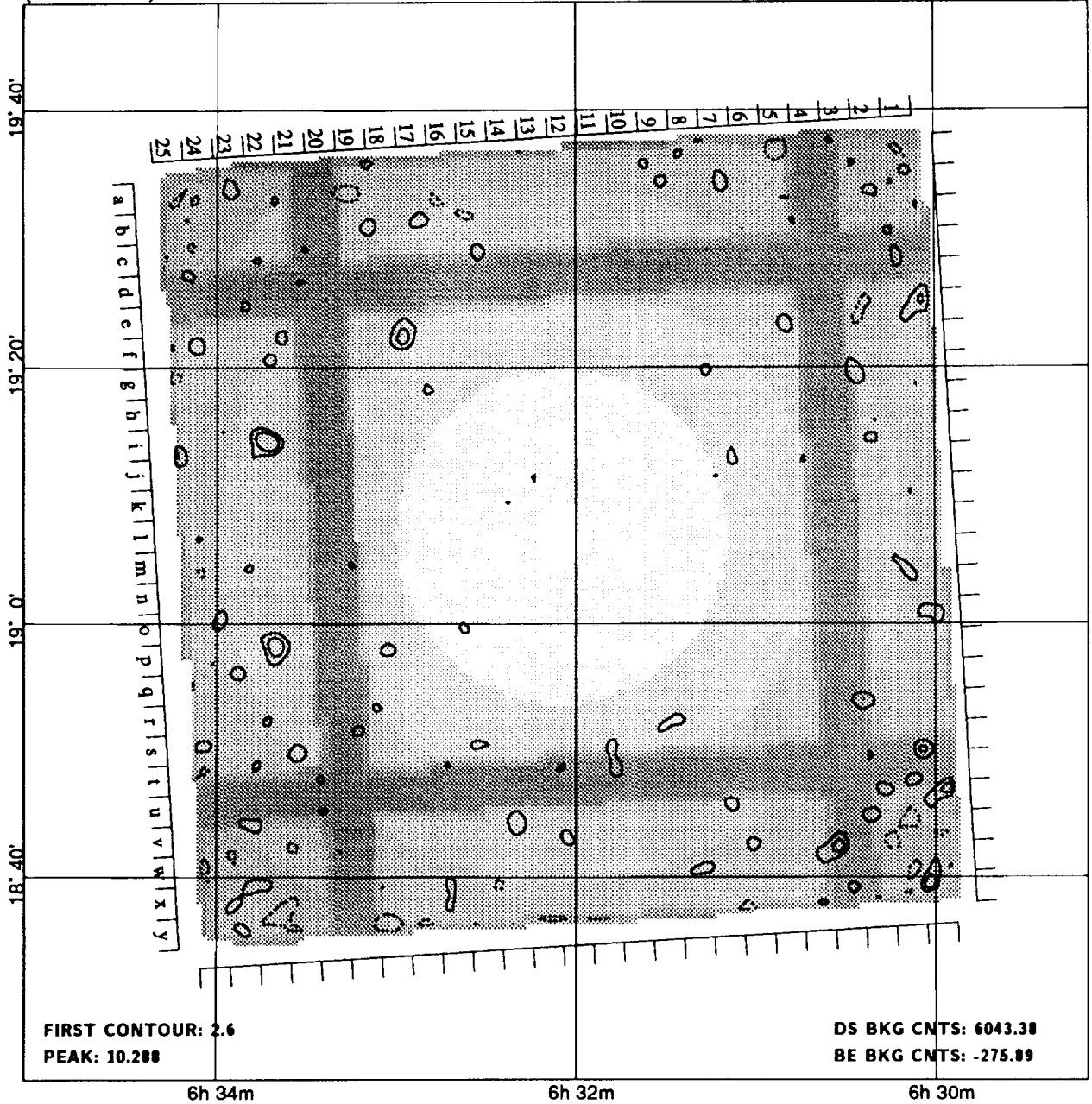
NH: 8.1E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1611	1	06 07 57.3	71 08 27	41	0.0278	0.0037	65.3	8.7	7.6	1.0	0	10.6	
1619	2	06 09 53.6	71 02 54	34	0.0277	0.0035	73.5	10.5	8.0	1.1	0	0.4	

(6h 32m)

I 11288

(6h 32m)



MERGED FIELD; component Seq's: I 7291, I 7292.

FIELD CENTER: 06^h32^m06.4^s 19°06'23" (B1950)
 06^h35^m03.0^s 19°03'57" (J2000)
 l : 194.10 b : 5.10

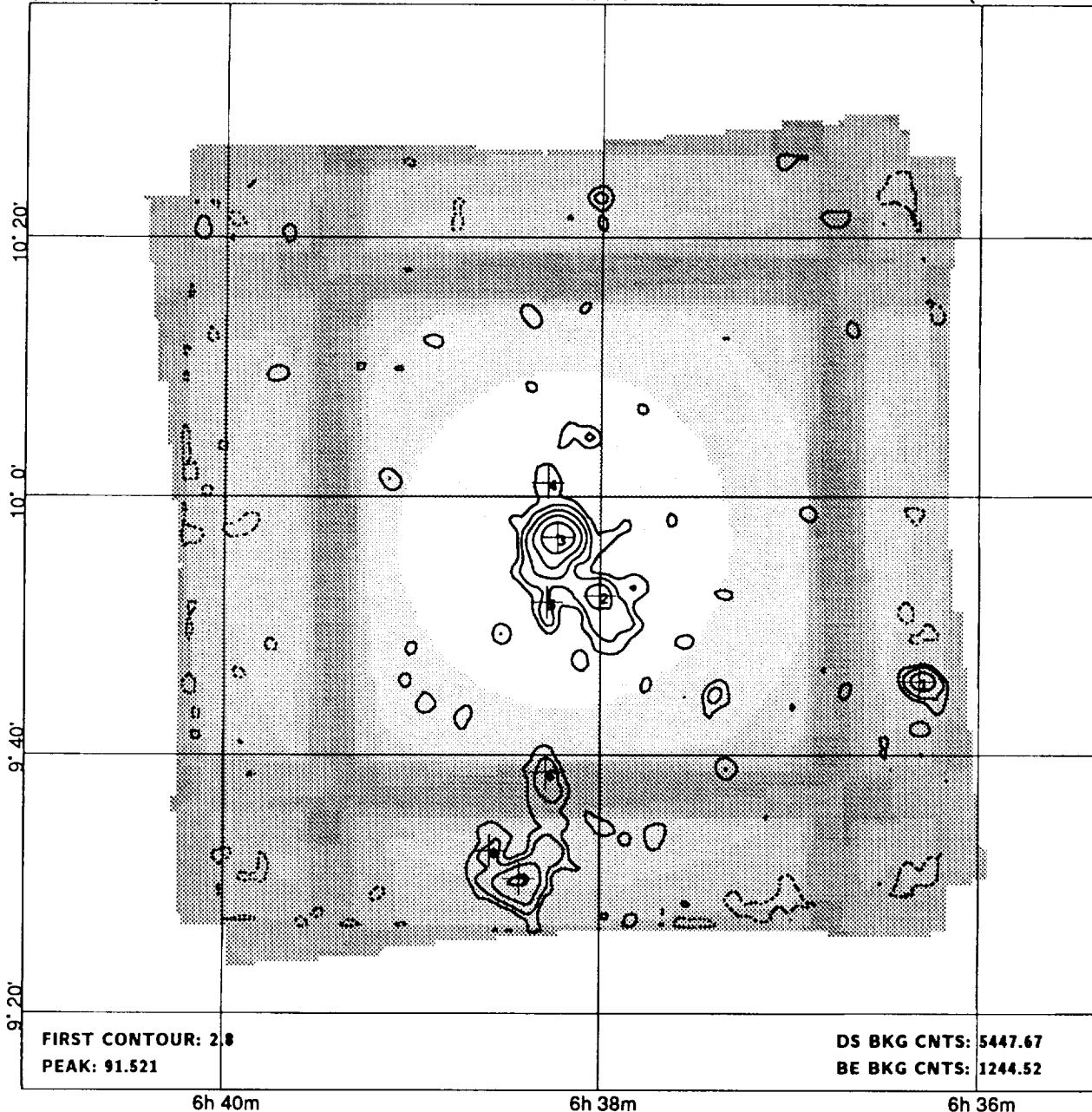
DATE: 1980/ 91 - 1981/ 87
 LIVETIME: 4897.1s
 ROLL ANGLE: 86.6°

NH: 3.6E+21
 REF/ID:
 FIELD FLAGS:

(6h 38m)

I 11277

(6h 38m)



6h 40m

6h 38m

6h 36m

MERGED FIELD; component Seq's: I 5088, I 5089, I 5090.

FIELD CENTER: 06^h38^m13.0^s 09°55'59" (B1950)
 06^h40^m58.2^s 09°53'07" (J2000)
 l : 202.94 b : 2.19

DATE: 1980/ 80 - 1980/102
 LIVETIME: 4414.4s

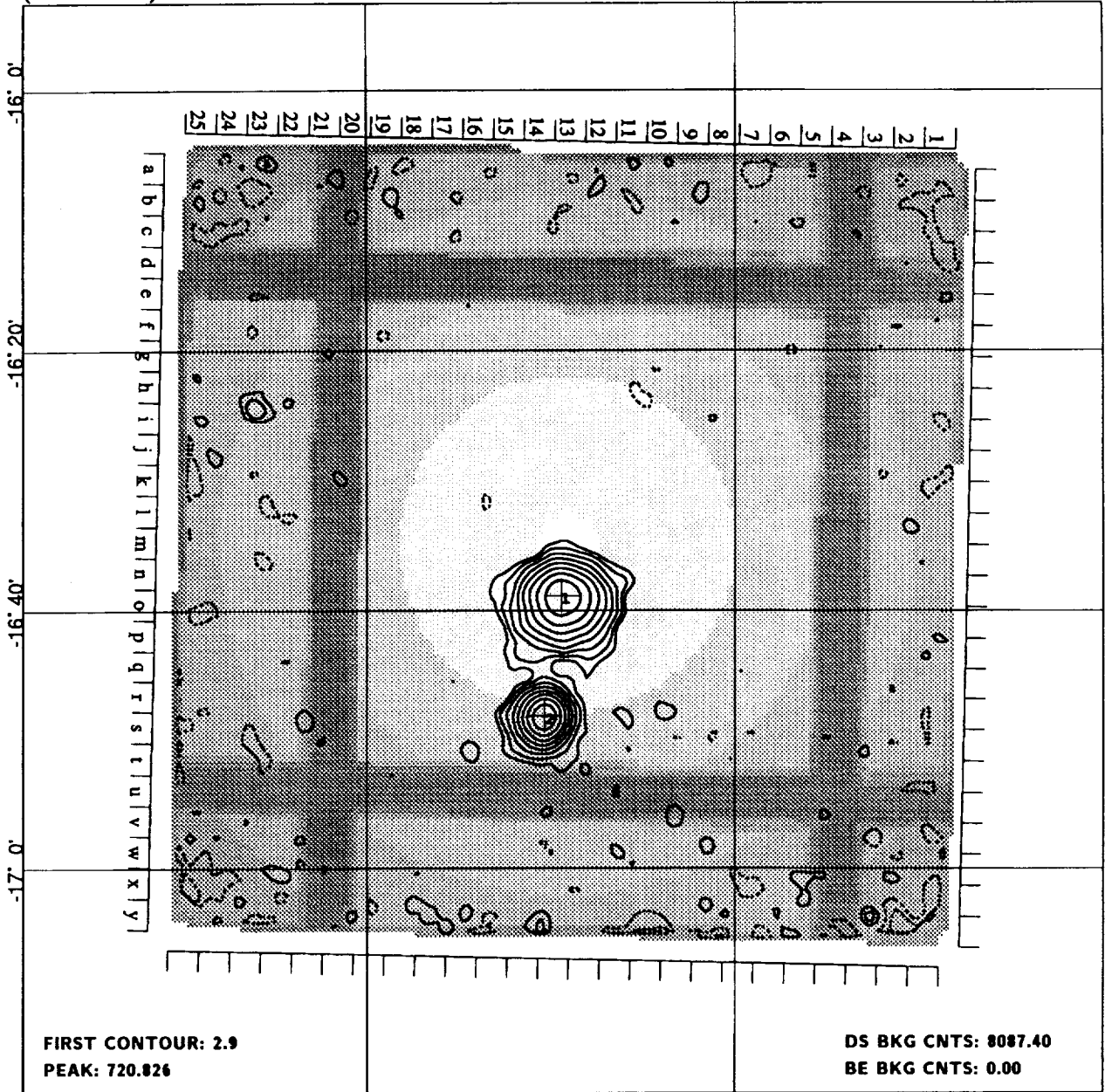
NH: 4.5E+21
 REF/ID: I
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
0	1	06 36 18.7	09 45 42	51	0.0190	0.0041	29.6	10.4	4.7	1.0	0	30.2	S
1722	2	06 38 00.4	09 52 18	34	0.0238	0.0031	75.1	17.9	7.8	10.7	0	4.7	S
1723	3	06 38 13.9	09 56 49	31	0.1193	0.0062	392.4	18.6	19.4	2.2	0	1.0	S
0	4	06 38 16.9	10 01 05	43	0.0077	0.0021	24.3	18.7	3.7	35.4	0	5.0	S
0	5	06 38 17.1	09 51 49	43	0.0093	0.0022	29.4	17.6	4.3	28.0	0	5.1	S
0	6	06 38 17.3	09 38 41	53	*0.0123	0.0026	29.5	10.5	4.7	9.5	906	17.0	S
1724	7	06 38 25.8	09 30 25	50	0.0338	0.0047	60.6	11.4	7.1	2.9	0	25.7	S
0	8	06 38 35.1	09 32 39	56	0.0112	0.0029	21.6	10.4	3.8	10.0	0	24.0	S

(6h 42m)

I 11251

(6h 42m)



FIRST CONTOUR: 2.9
 PEAK: 720.826

DS BKG CNTS: 8087.40
 BE BKG CNTS: 0.00

6h 44m

6h 42m

MERGED FIELD; component Seq's: I 6962, I 6963.

FIELD CENTER: $06^h 42^m 55.9^s$ $-16^\circ 35' 18''$ (B1950)
 $06^h 45^m 10.0^s$ $-16^\circ 38' 30''$ (J2000)
 $l: 227.16$ $b: -8.85$

DATE: 1980/ 82 - 1980/ 83
 LIVETIME: 6553.4s
 ROLL ANGLE: 91.3°

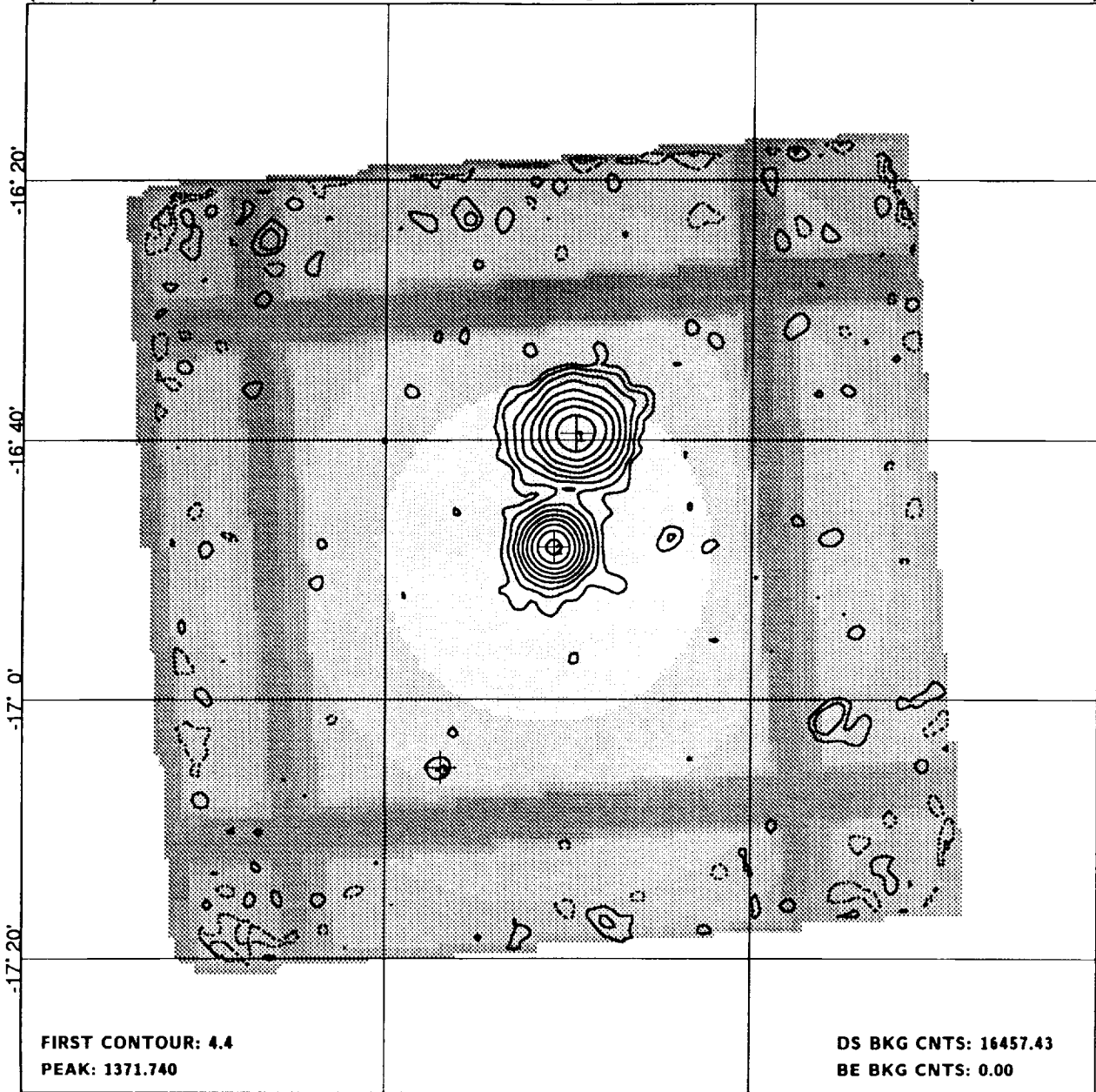
NH: $3.1E+21$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1730	1L	06 42 56.6	-16 38 51	31	0.482	0.014	2285.1	974.9	33.7	2.7	0	3.6	S	
1731	2L	06 43 02.0	-16 48 15	37	0.514	0.013	2078.2	71.8	40.2	3.5	0	13.0	CV	

(6h 43m)

I 11324

(6h 43m)



MERGED FIELD; component Seq's: I 10183, I 10184.

FIELD CENTER: $06^h 43^m 03.0^s$ $-16^\circ 48' 24''$ (B1950)
 $06^h 45^m 16.9^s$ $-16^\circ 51' 36''$ (J2000)
 $l: 227.38$ $b: -0.92$

DATE: 1980/278 - 1980/278
 LIVETIME: 13336.0s

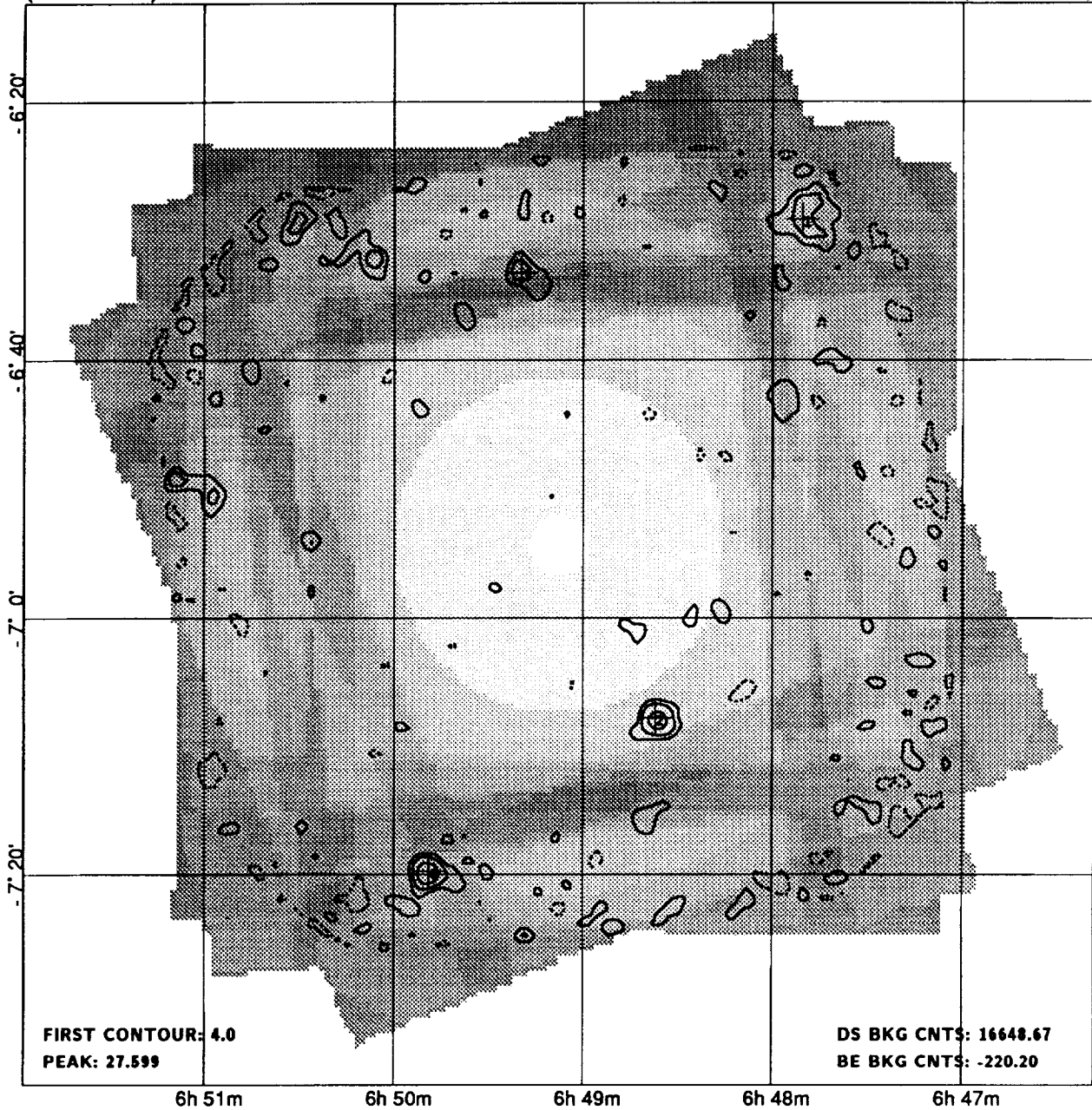
NH: $3.1E+21$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1730	1L	06 42 57.6	-16 39 29	37	0.3197	0.0092	2867.0	1804.0	34.7	3.6	0	9.0	S
1731	2L	06 43 04.7	-16 48 19	31	0.5429	0.0087	5402.4	535.6	62.1	3.2	0	0.4	CV
0	3L	06 43 41.8	-17 05 19	59	0.0047	0.0012	33.8	17.2	3.8	0.5	0	19.4	

(6h 49m)

I 11260

(6h 49m)



MERGED FIELD; component Seq's: I 7641, I 9937, I 9941.

FIELD CENTER: $06^h 49^m 07.6^s$ $-06^\circ 54' 21''$ (B1950)
 $06^h 51^m 33.4^s$ $-06^\circ 58' 00''$ (J2000)
 $l: 219.15$ $b: -3.14$

DATE: 1980/ 80 - 1981/ 96
 LIVETIME: 13490.9s

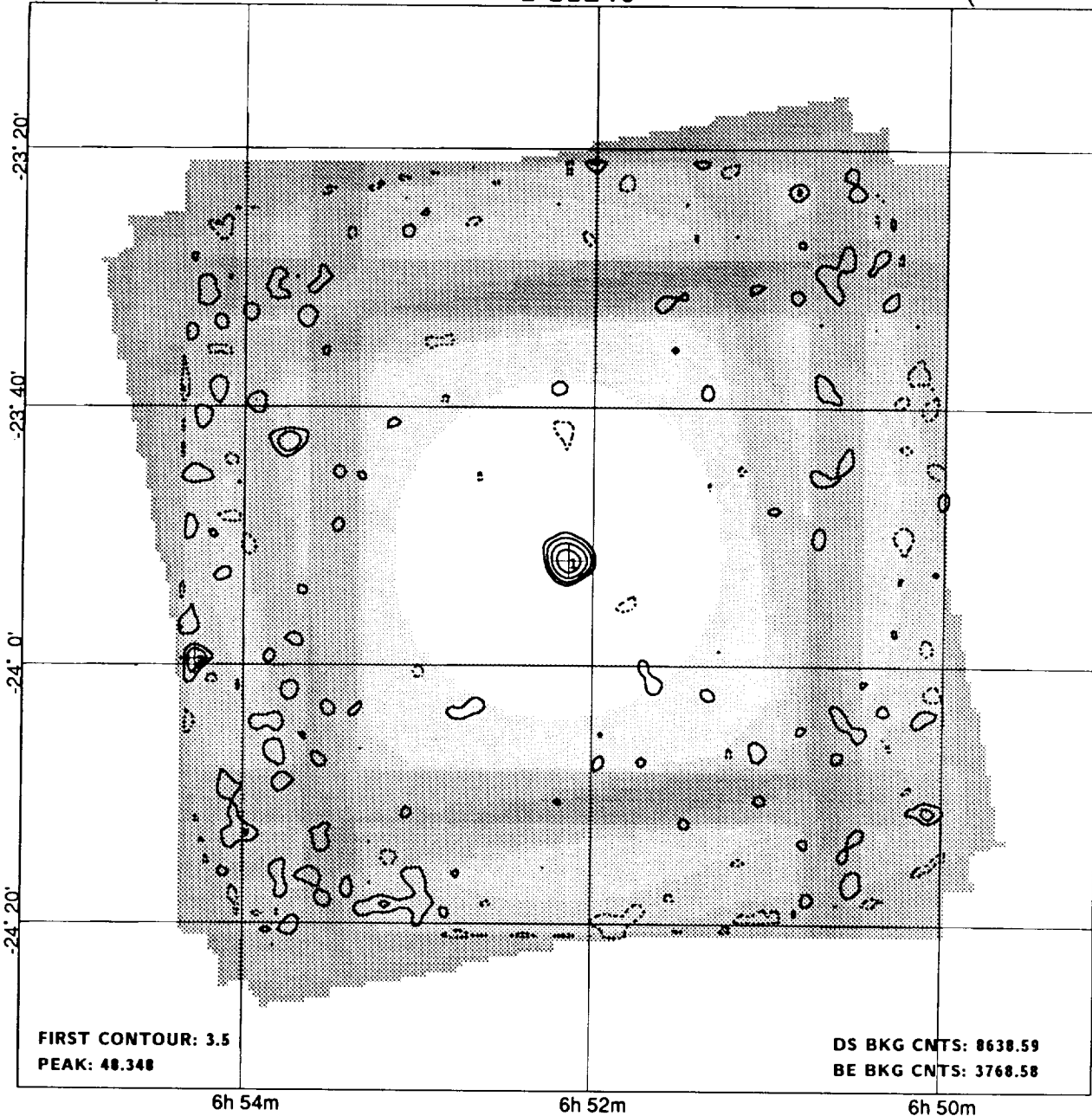
NH: $5.5E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
0	1	06 47 50.5	-06 29 09	58	0.0062	0.0016	27.4	23.6	3.8	1.8	0	32.4	
1736	2	06 48 37.0	-07 07 48	50	0.0093	0.0013	74.0	34.0	7.1	1.0	0	15.3	
0	3	06 49 19.7	-06 33 13	55	*0.0044	0.0011	29.2	19.8	4.2	1.0	703	21.4	
1737	4	06 49 49.0	-07 19 44	50	0.0101	0.0016	53.7	20.3	6.2	1.0	0	27.2	

(6h 52m)

I 11246

(6h 52m)



MERGED FIELD: component Seq's: I 2201, I 2202.

FIELD CENTER: $06^{\text{h}}52^{\text{m}}12.0^{\text{s}}$ $-23^{\circ}50'59''$ (B1950)
 $06^{\text{h}}54^{\text{m}}16.9^{\text{s}}$ $-23^{\circ}54'50''$ (J2000)
 $l: 234.75$ $b: -10.06$

DATE: 1979/203 - 1981/106
 LIVETIME: 7000.7s

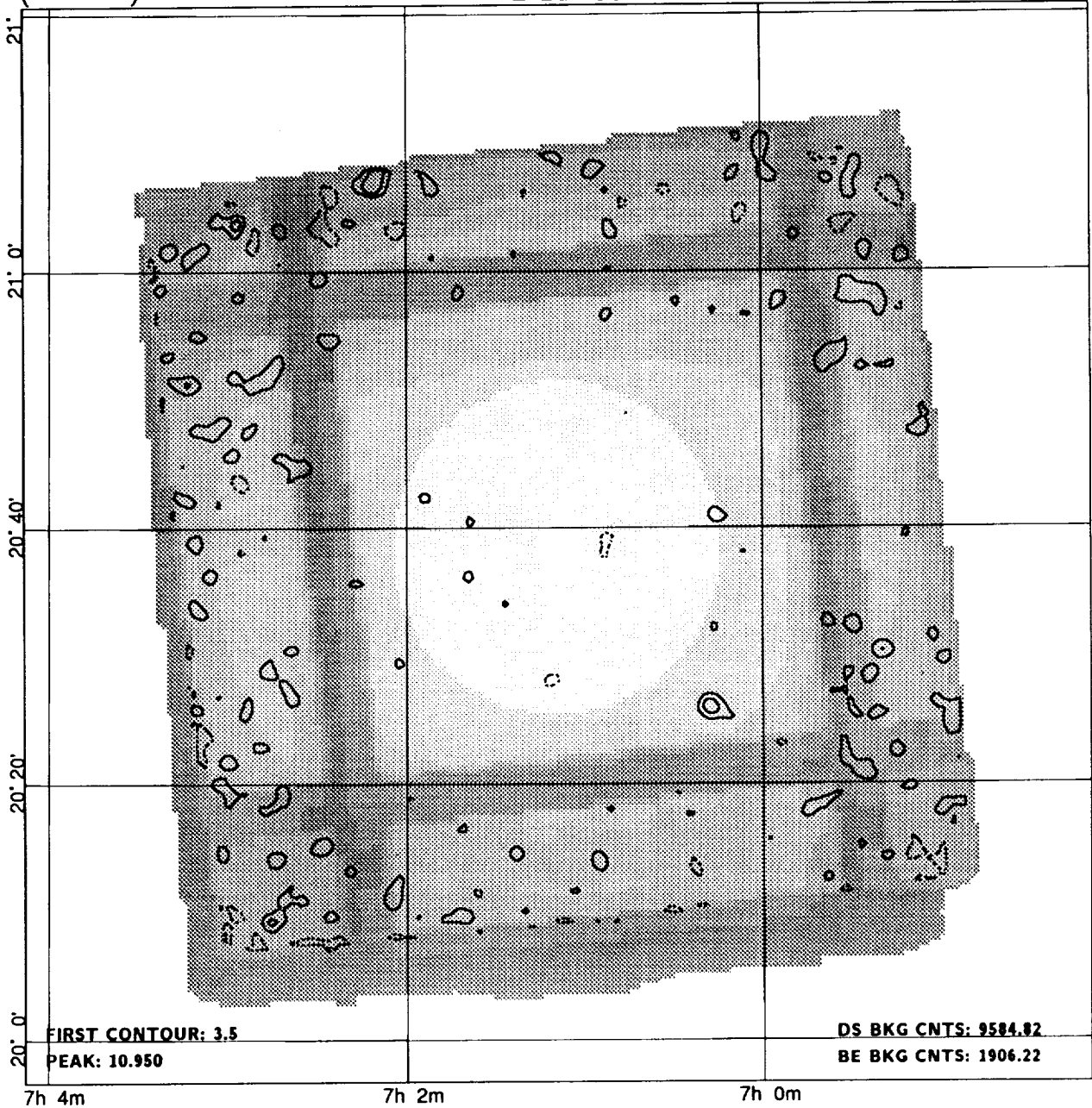
NH: $2.1\text{E}+21$
 REF/ID: S
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
1743	1L	06 52 08.4	-23 51 51	31	0.0364	0.0033	190.0	37.0	10.9	1.0	0	1.1	S
1745	2L	06 54 16.6	-23 59 31	54	*0.0191	0.0047	40.5	9.0	3.8	0.9	703	29.8	

(7h 1m)

I 11289

(7h 1m)



MERGED FIELD; component Seq's: I 10642, I 10643.

FIELD CENTER: 07^h 01^m 09.0^s 20° 38' 42" (B1950)
 07^h 04^m 06.9^s 20° 34' 12" (J2000)
 l : 195.75 b : 11.90

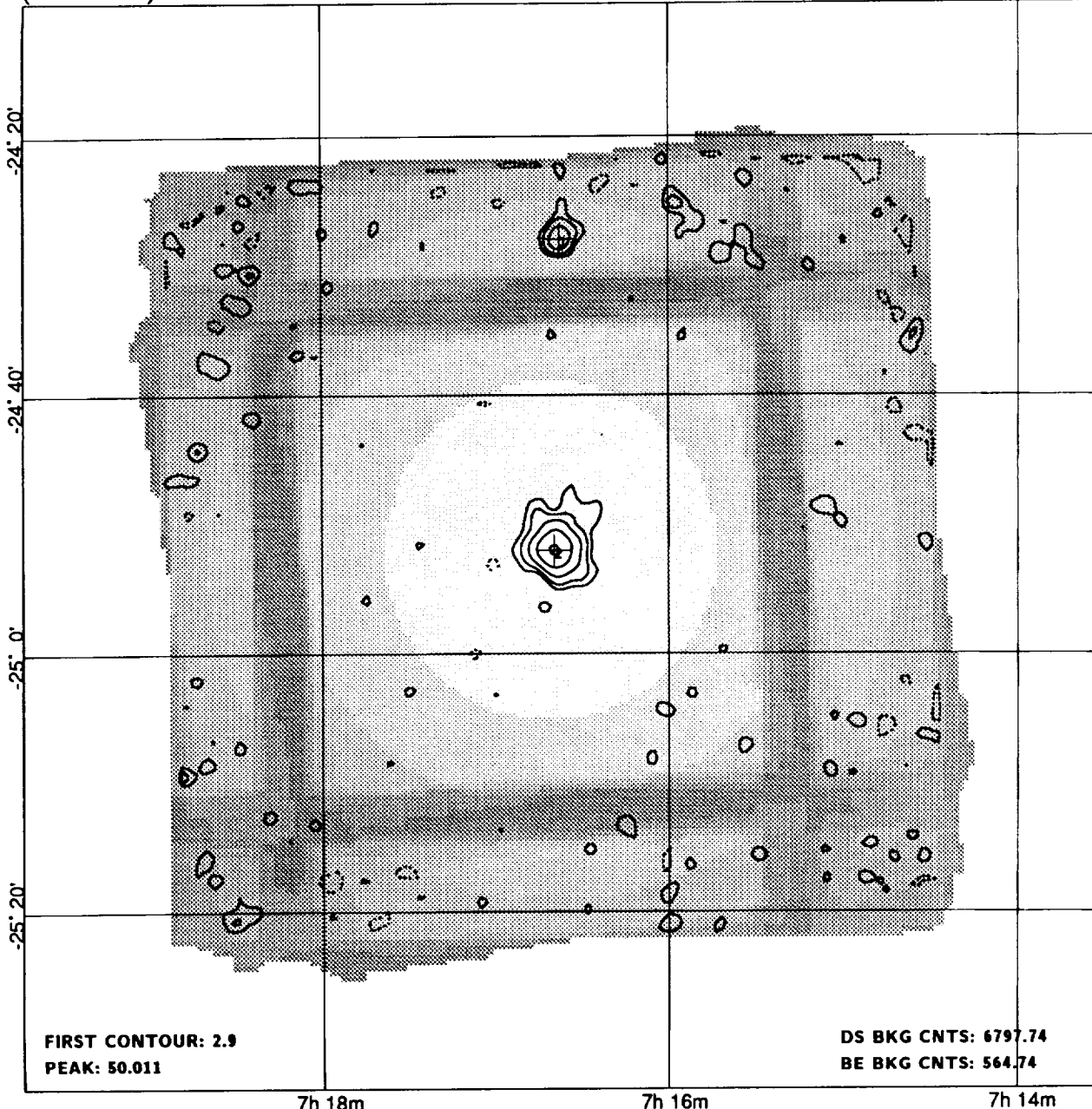
DATE: 1981/ 77 - 1981/ 86
 LIVETIME: 7766.8s

NH: 9.7E+20
 REF/ID:
 FIELD FLAGS:

(7h 16m)

I 11242

(7h 16m)



MERGED FIELD; component Seq's: I 5091, I 5092, I 5093.

FIELD CENTER: 07^h16^m38.0^s -24°51'41" (B1950)
07^h16^m42.4^s -24°57'14" (J2000)
***l*: 238.18 *b*: -5.54**

DATE: 1979/278 - 1979/290
LIVETIME: 5508.5s

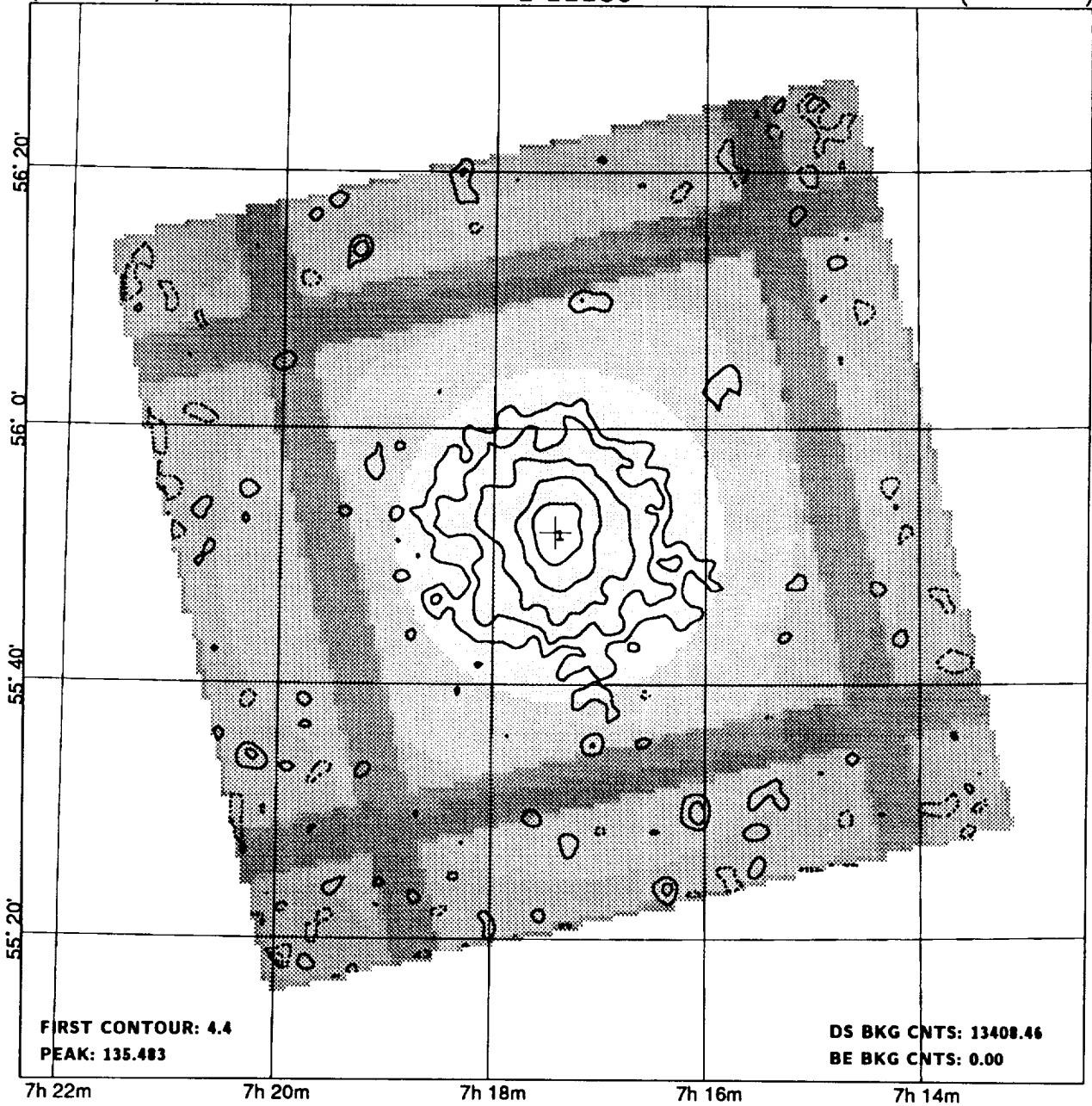
NH: 4.9E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
1803	1	07 16 37.6	-24 27 52	50	0.0193	0.0032	47.3	13.7	6.1	0.9	0	23.9	
1804	2	07 16 39.6	-24 52 00	31	0.0529	0.0037	217.6	18.4	14.2	1.8	0	0.4	S

(7h 17m)

I 11180

(7h 17m)



MERGED FIELD; component Seq's: I 1837, I 3455.

FIELD CENTER: 07^h 17^m 24.0^s 55° 50' 59" (B1950)
 07^h 21^m 30.2^s 55° 45' 19" (J2000)
 l : 161.40 b : 26.26

DATE: 1979/ 86 - 1979/279
 LIVETIME: 10865.2s

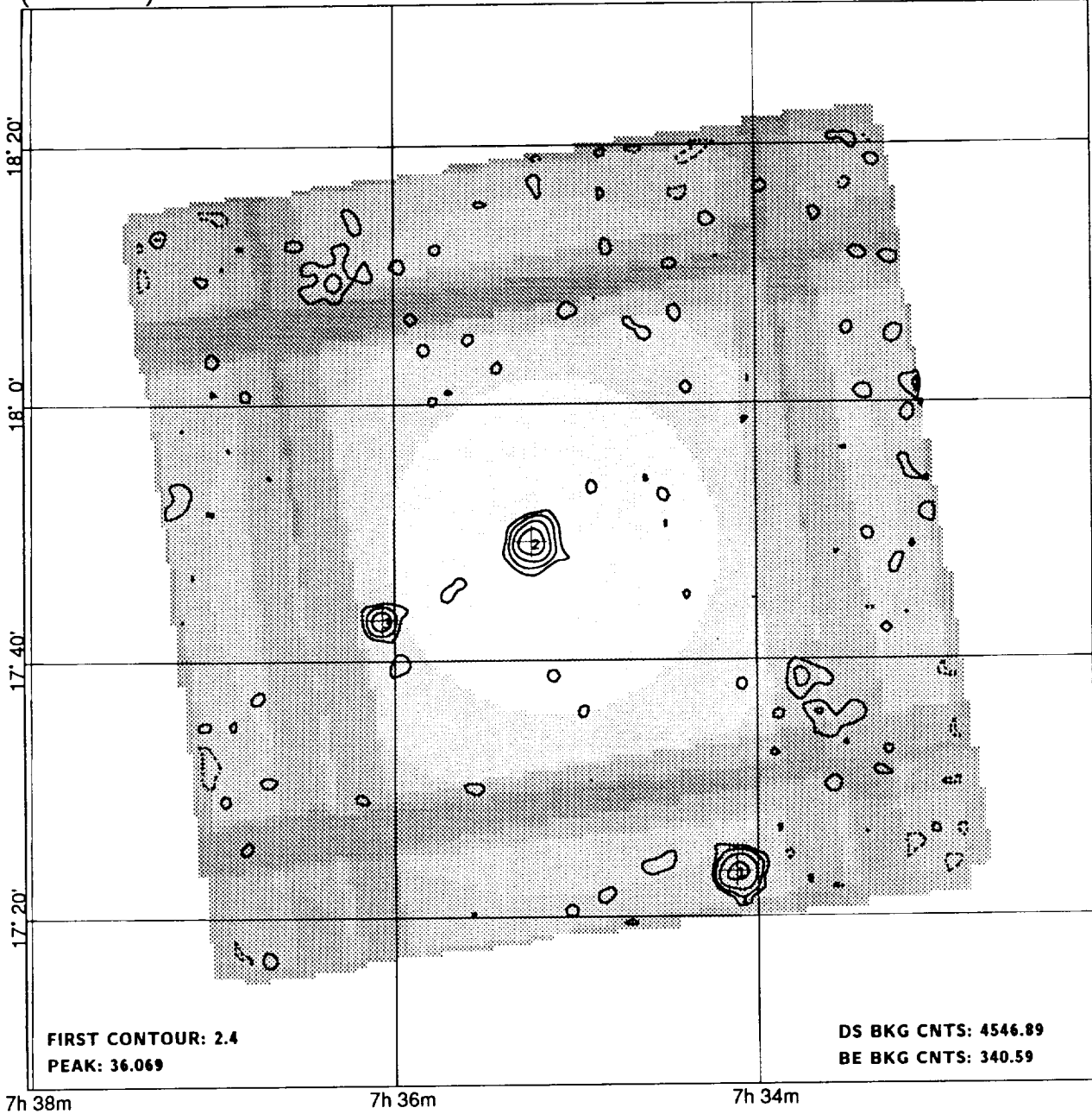
NH: 5.6E+20
 REF/ID:
 FIELD FLAGS: DL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1805	1	07 17 25.1	55 51 52	31	0.0837	0.0033	677.4	44.6	25.2	7.3	0	0.9		CLG

(7h 35m)

I 11284

(7h 35m)



MERGED FIELD; component Seq's: I 1991, I 1992.

FIELD CENTER: $07^h 35^m 06.0^s$ $17^\circ 48' 59''$ (B1950)
 $07^h 37^m 59.2^s$ $17^\circ 42' 10''$ (J2000)
 $l: 201.84$ $b: 18.04$

DATE: 1979/ 98 - 1979/292
 LIVETIME: 3684.5s

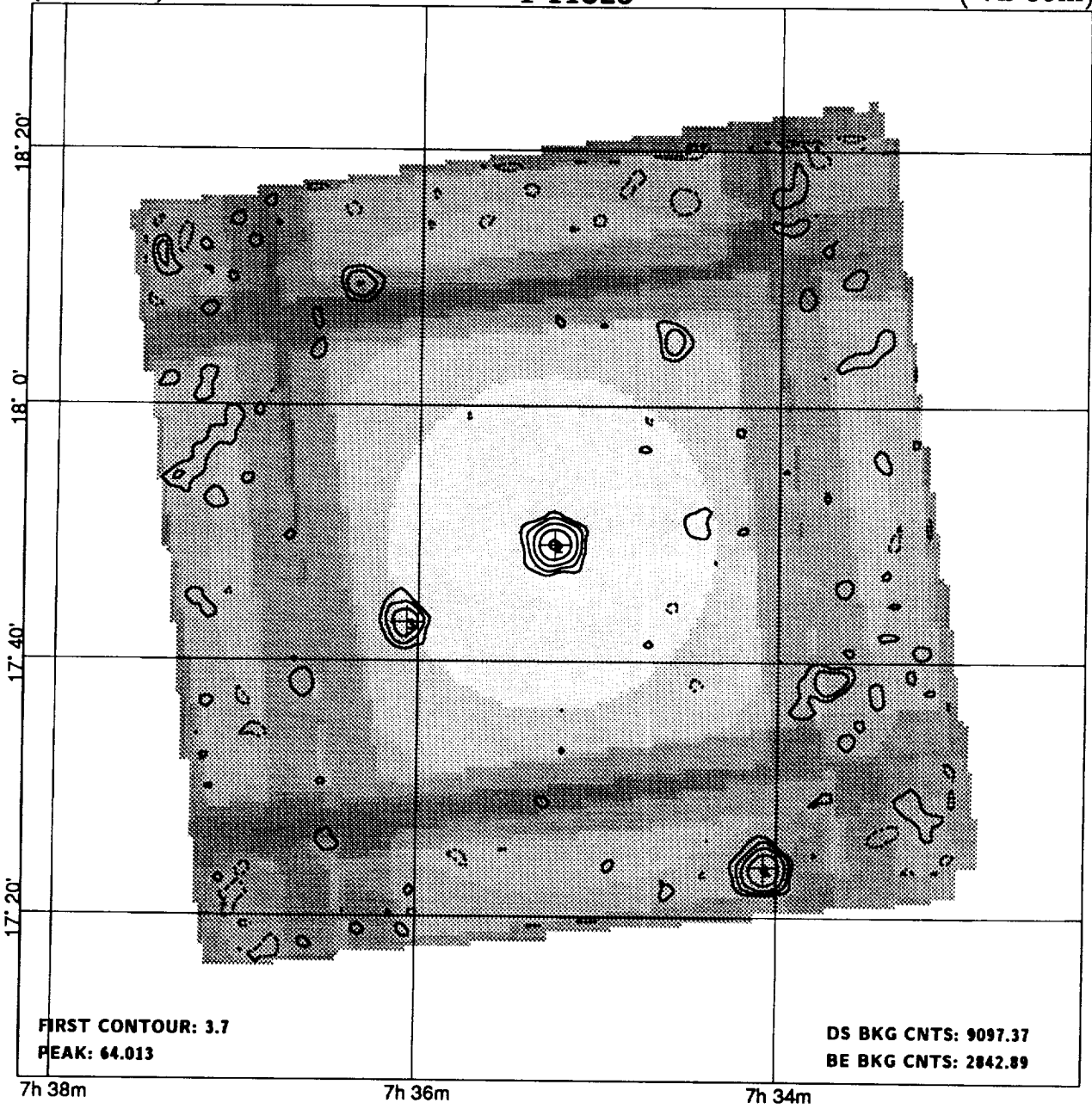
NH: 4.6E+20
 REF/ID:
 FIELD FLAGS: D

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1839	1	07 34 07.0	17 23 35	50	0.0450	0.0061	60.7	7.3	7.4	1.2	0	28.8		
1843	2	07 35 14.4	17 49 15	31	0.0540	0.0046	147.1	11.9	11.7	1.2	0	2.0		BL
1847	3	07 36 04.0	17 43 11	41	0.0192	0.0033	42.2	9.8	5.8	0.9	0	14.9		

(7h 35m)

I 11325

(7h 35m)



MERGED FIELD; component Seq's: I 7496, I 7497.

FIELD CENTER: $07^h 35^m 14.3^s$ $17^\circ 49' 11''$ (B1950)
 $07^h 38^m 07.5^s$ $17^\circ 42' 21''$ (J2000)
 $l: 201.85$ $b: 18.07$

DATE: 1980/283 - 1981/ 85
 LIVETIME: 7371.9s

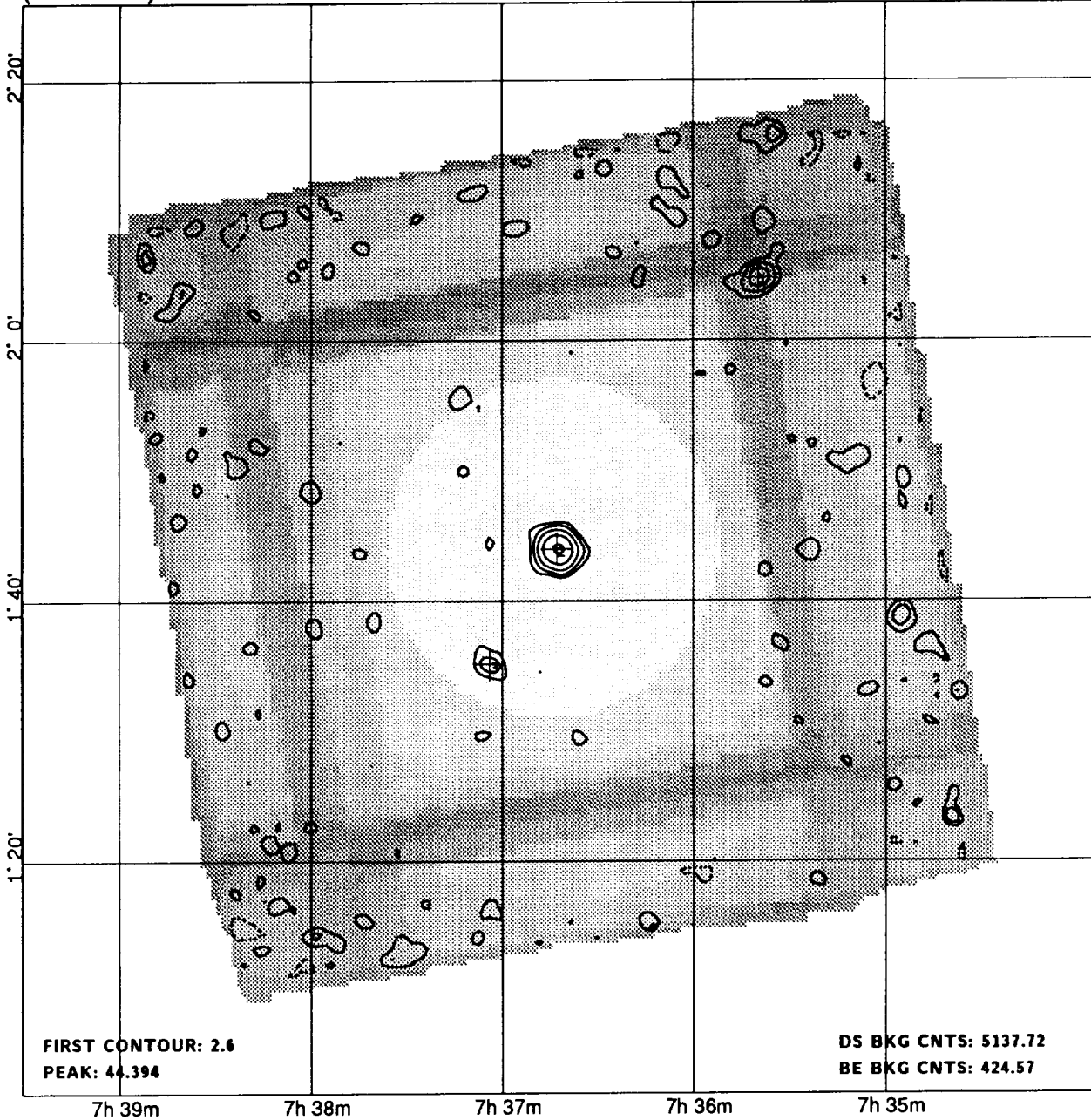
NH: $4.6E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1839	1L	07 34 04.4	17 23 58	48	0.0430	0.0057	108.7	35.3	7.3	1.2	500	30.3		
1843	2L	07 35 14.8	17 49 12	31	0.0456	0.0037	250.9	65.1	12.1	1.2	0	0.1		BL
1847	3L	07 36 03.9	17 43 04	38	0.0187	0.0028	85.9	34.1	6.5	1.1	0	13.4		

(7h 36m)

I 11269

(7h 36m)



MERGED FIELD; component Seq's: I 2019, I 2020.

FIELD CENTER: $07^{\text{h}}36^{\text{m}}42.5^{\text{s}}$ $01^{\circ}43'59''$ (B1950)
 $07^{\text{h}}39^{\text{m}}18.0^{\text{s}}$ $01^{\circ}37'04''$ (J2000)
 $l: 216.99$ $b: 11.38$

DATE: 1979/281 - 1980/122
 LIVETIME: 4163.2s

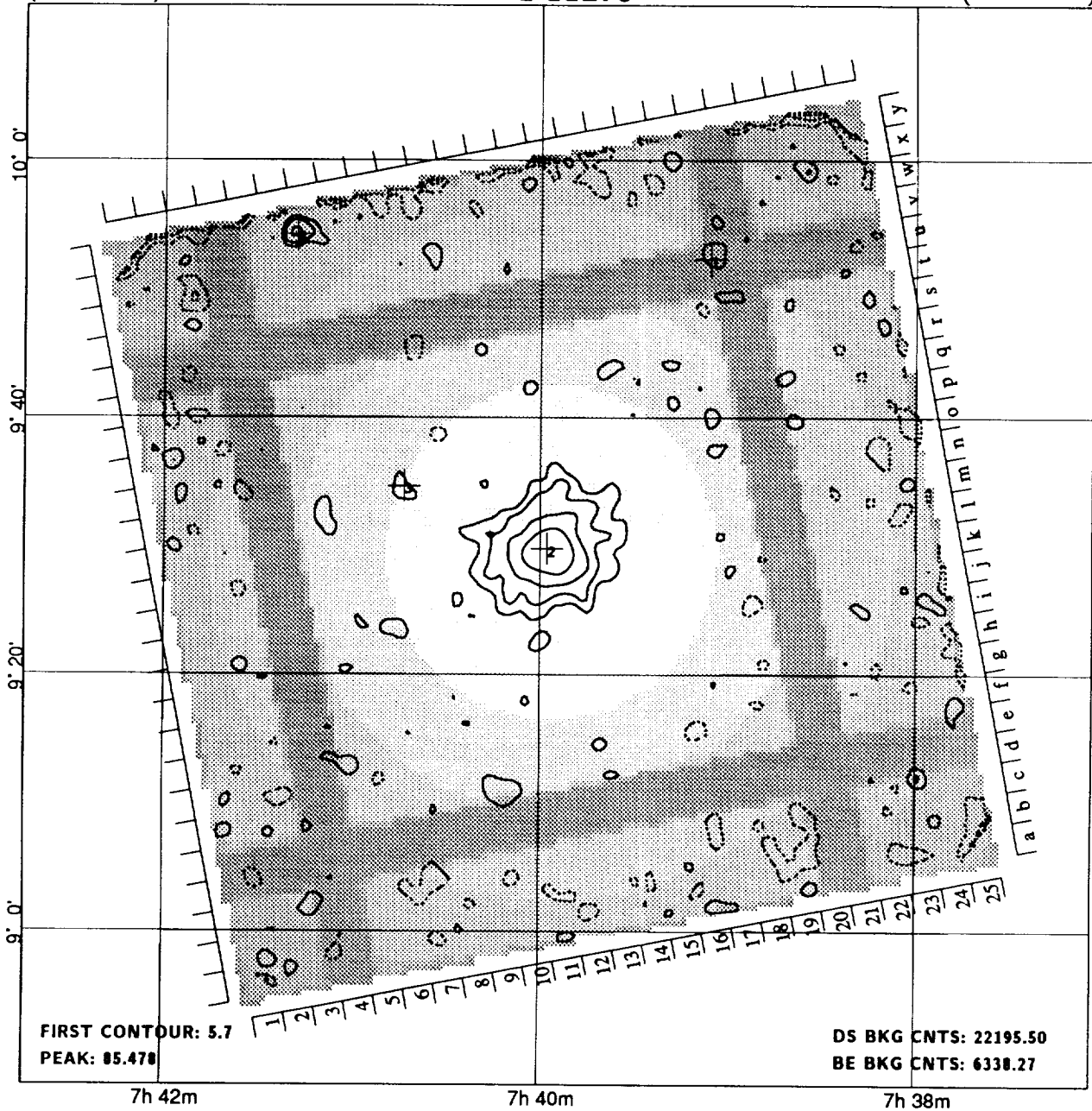
NH: $6.3E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
1846	1	07 35 39.6	02 04 47	51	*0.0181	0.0036	31.1	5.9	5.1	1.0	803	26.1	
1850	2	07 36 42.7	01 43 59	31	0.0585	0.0045	182.1	13.9	13.0	1.1	0	0.2	Q
1853	3	07 37 03.9	01 35 06	42	0.0082	0.0022	22.6	14.4	3.7	0.7	0	10.3	

(7h 39m)

I 11275

(7h 39m)



MERGED FIELD; component Seq's: I 183, I 5170.

FIELD CENTER: $07^h 39^m 54.0^s$ $09^\circ 29' 59''$ (B1950)
 $07^h 42^m 37.8^s$ $09^\circ 22' 51''$ (J2000)
 $l: 210.23$ $b: 15.59$

DATE: 1979/295 - 1979/297
 LIVETIME: 17985.7s
 ROLL ANGLE: -100.9°

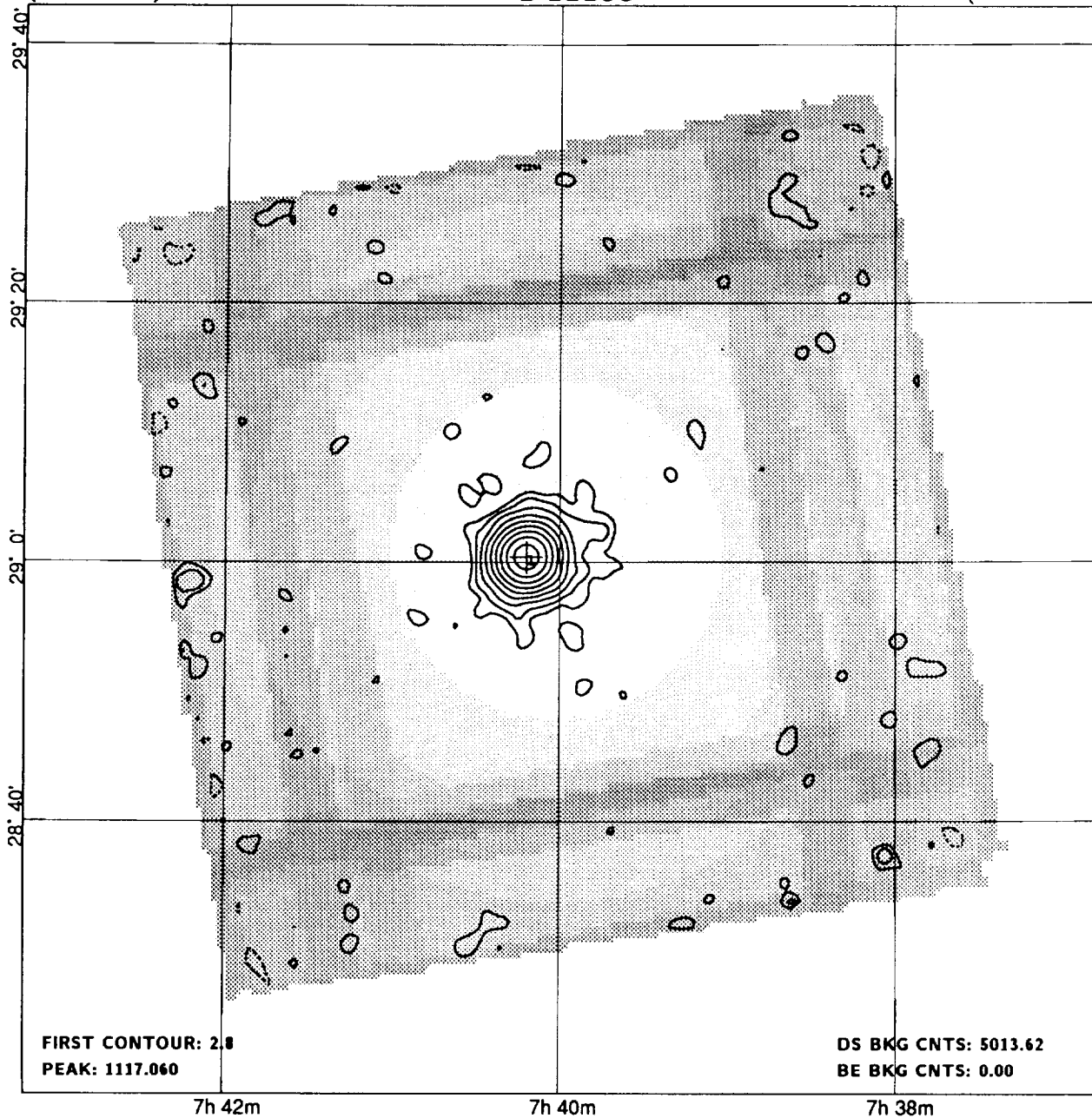
NH: 4.5E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
0	1	07 39 05.6	09 52 20	54	*0.00329	0.00091	24.3	20.7	3.6	0.6	1309	25.5		
1860	2	07 39 57.8	09 29 50	31	0.0344	0.0017	461.2	68.8	20.0	3.8	0	0.7		CLG
0	3	07 40 43.6	09 34 45	54	0.00304	0.00085	34.2	57.8	3.6	0.5	0	13.3		
0	4	07 41 18.0	09 54 15	55	0.0064	0.0016	36.7	47.3	4.0	0.9	100	32.2		

(7h 40m)

I 11158

(7h 40m)



MERGED FIELD; component Seq's: I 2310, I 2311.

FIELD CENTER: 07^h40^m00.0^s 29°00'59" (B1950)
 07^h43^m07.1^s 28°53'50" (J2000)
l: 191.16 *b*: 23.24

DATE: 1979/ 99 - 1979/300
 LIVETIME: 4062.7s

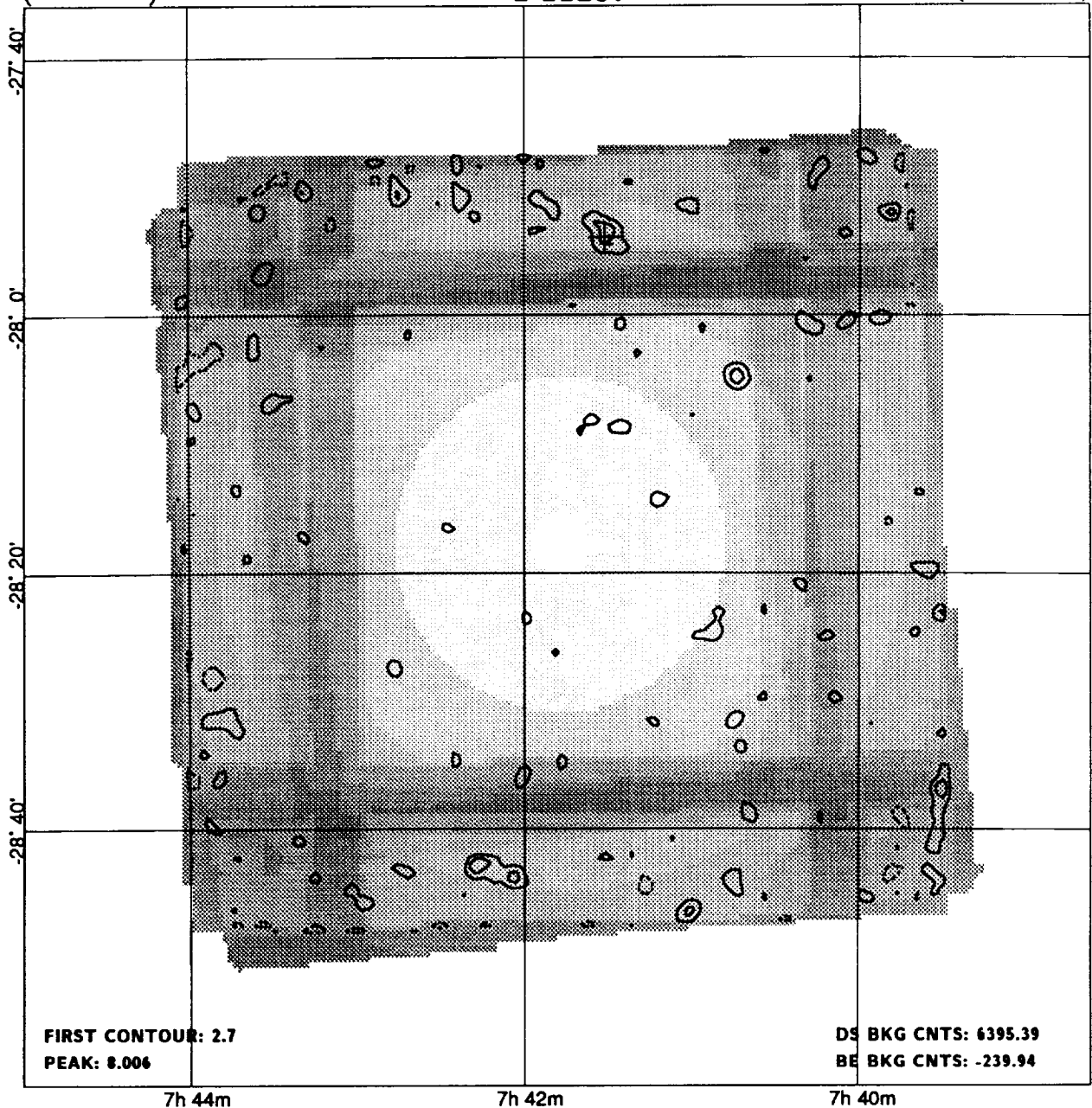
NH: 4.6E+20
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
1861	1L	07 40 11.9	29 00 22	31	1.388	0.027	4149.9	842.1	51.0	1.5	0	2.7	S

(7h 41m)

I 11237

(7h 41m)



MERGED FIELD; component Seq's: I 1784, I 3872.

FIELD CENTER: 07^h41^m48.0^s -28°17'59" (B1950)
 07^h43^m49.2^s -28°25'14" (J2000)
l: 243.92 *b*: -2.27

DATE: 1979/100 - 1979/290
 LIVETIME: 5182.3s

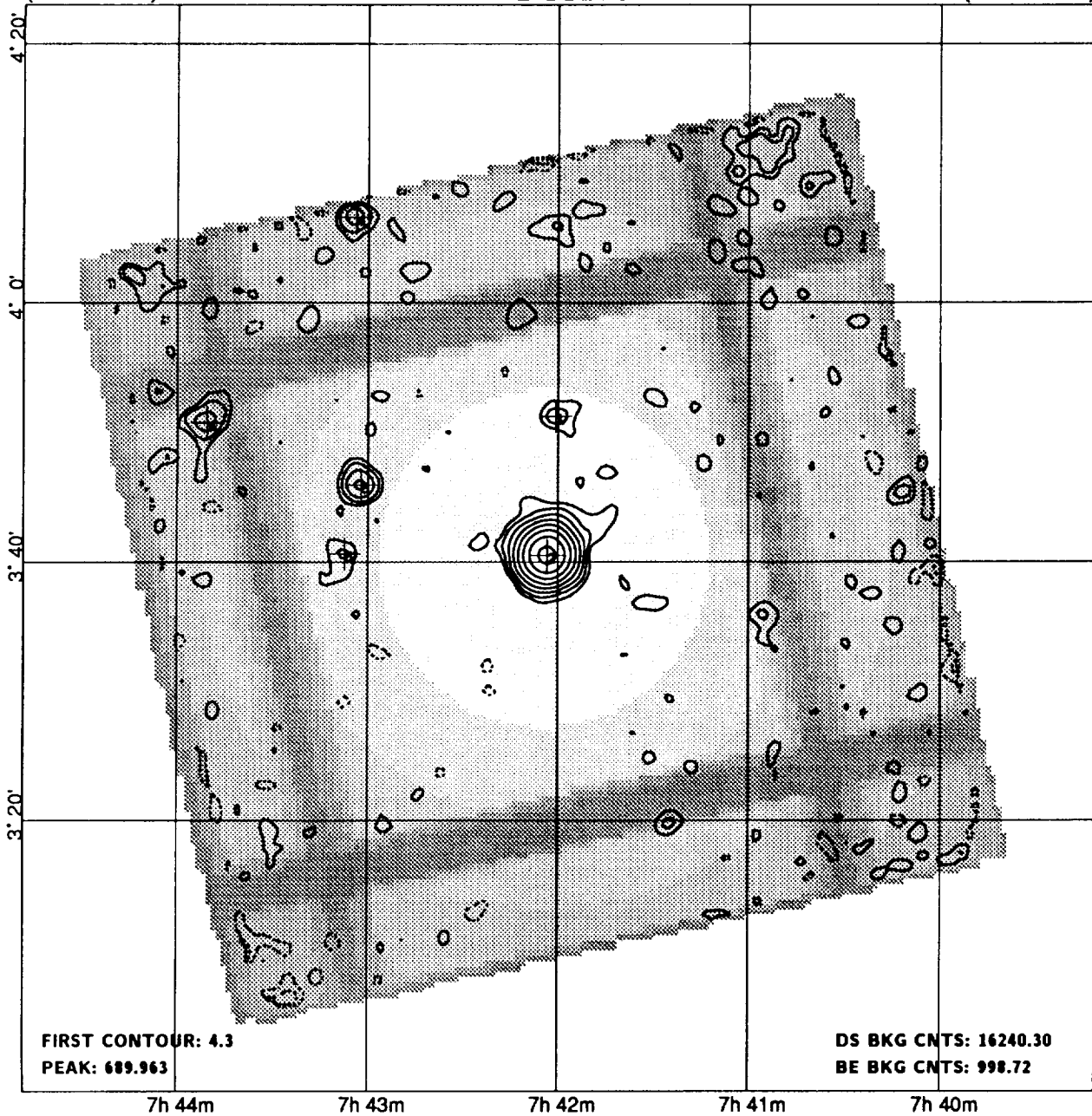
NH: 5.6E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
0	1	07 41 31.1	-27 53 58	59	0.0088	0.0024	20.4	9.6	3.7	1.0	0	24.7	

(7h 42m)

I 11271

(7h 42m)



MERGED FIELD; component Seq's: I 908, I 3048.

FIELD CENTER: 07^h42^m00.0^s 03°40'59" (B1950)
 07^h44^m37.5^s 03°33'43" (J2000)
l: 215.84 *b*: 13.45

DATE: 1979/298 - 1979/300
 LIVETIME: 13160.1s

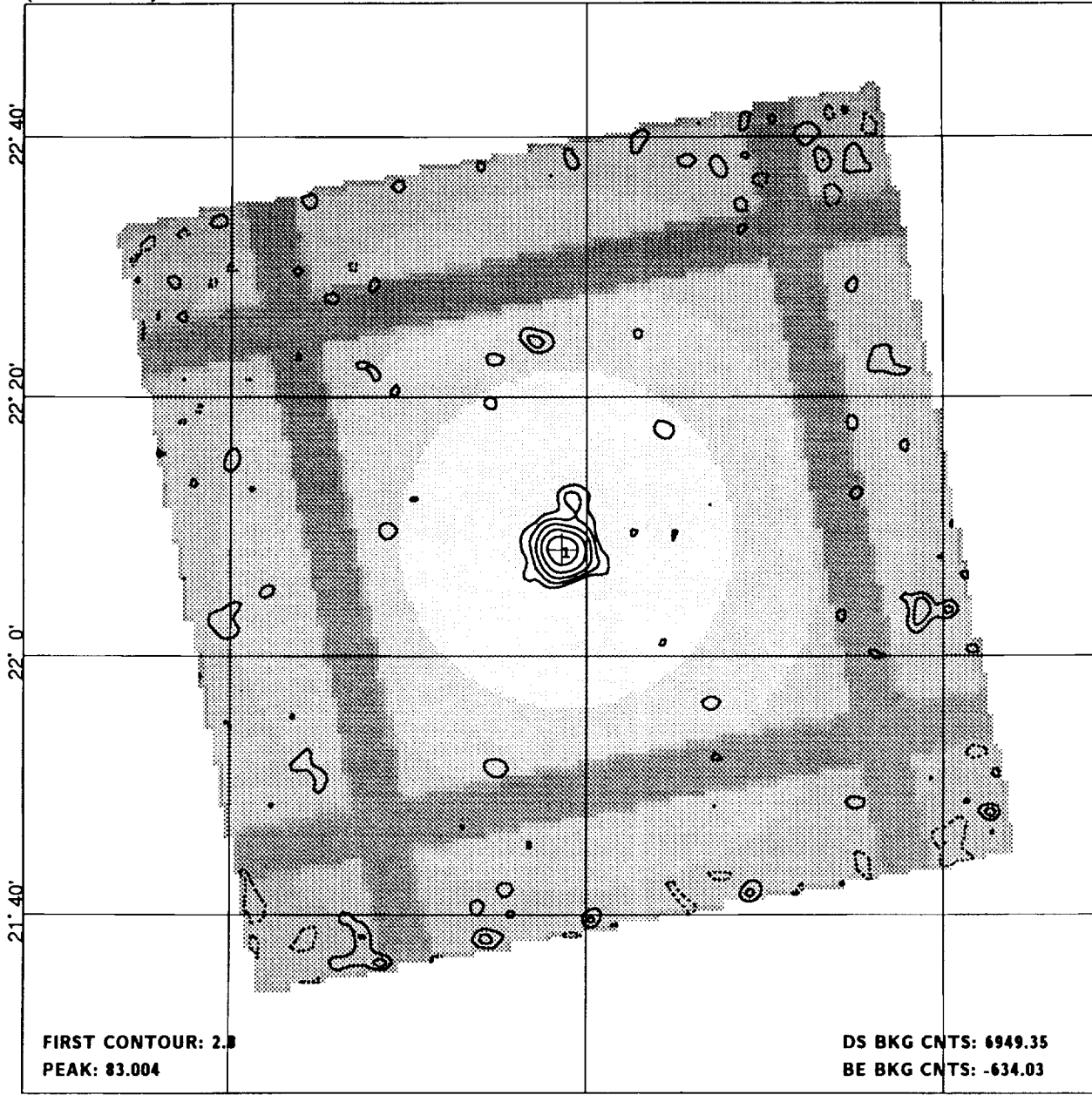
NH: 6.0E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE ±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1870	1	07 42 00.7	03 51 13	42	0.0052 0.0011	45.2	37.8	5.0	0.8	0	10.5		
1871	2	07 42 03.4	03 40 29	31	0.3203 0.0057	3150.9	42.1	55.8	1.4	0	1.0	S	
1874	3	07 43 02.3	03 45 57	48	0.0150 0.0016	115.1	37.9	9.3	0.9	0	16.4	S	
1875	4	07 43 03.7	04 06 34	51	*0.0093 0.0019	39.4	28.6	4.8	0.9	602	30.2		
0	5	07 43 07.4	03 40 37	55	0.0042 0.0011	32.2	32.8	4.0	0.9	0	16.9		
1876	6	07 43 50.7	03 50 47	51	*0.0095 0.0017	46.7	24.3	5.5	1.2	1106	29.3	S	

(7h 52m)

I 11143

(7h 52m)



FIRST CONTOUR: 2.0
 PEAK: 83.004

DS BKG CNTS: 6949.35
 BE BKG CNTS: -634.03

MERGED FIELD; component Seq's: I 948, I 3179.

FIELD CENTER: 07^h52^m08.0^s 22°08'17" (B1950)
 07^h55^m05.5^s 22°00'21" (J2000)
l: 199.22 *b*: 23.40

DATE: 1979/119 - 1979/119
 LIVETIME: 5631.2s

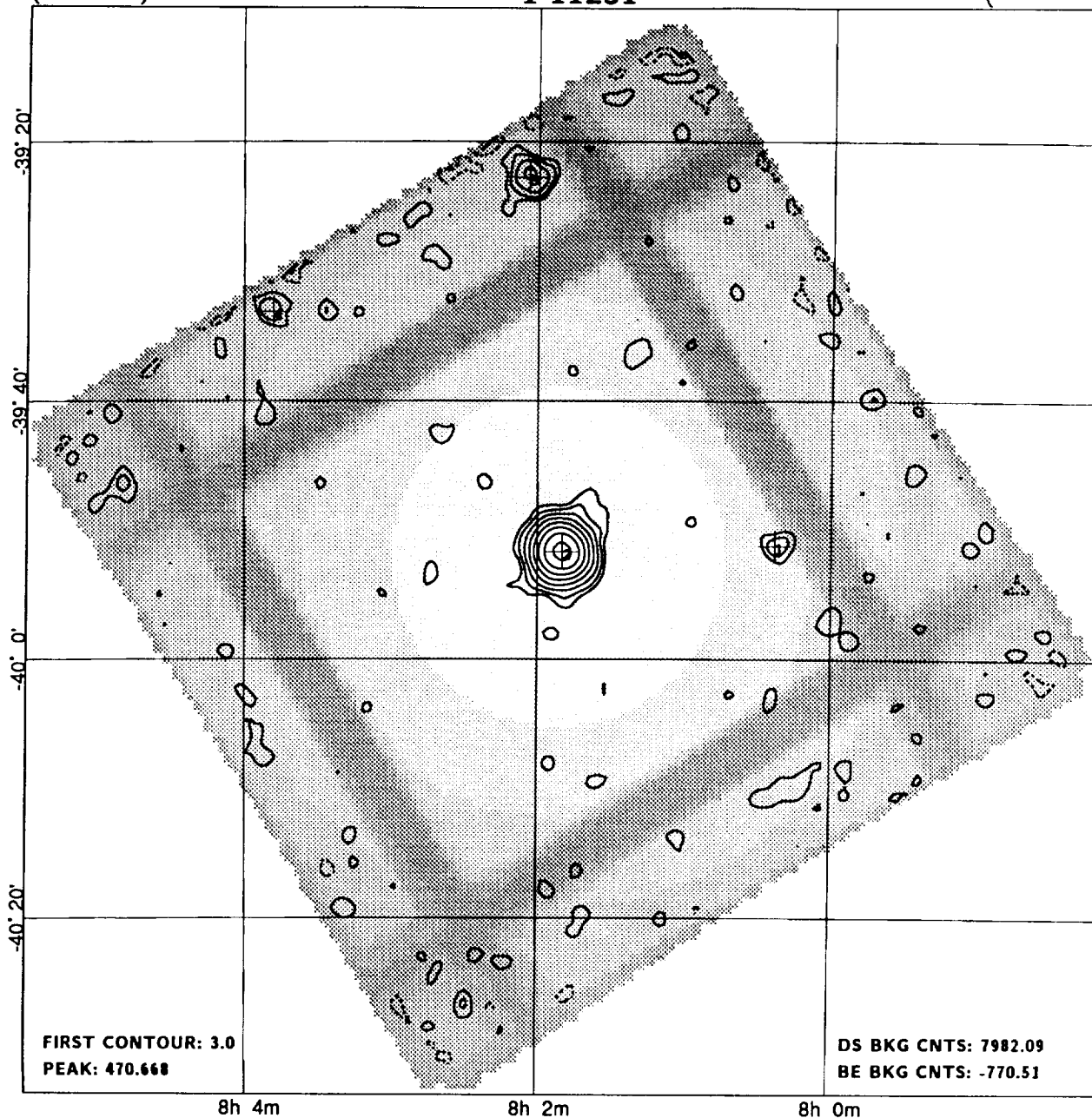
NH: 5.6E+20
 REF/ID: CV
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
1889	1	07 52 08.3	22 08 14	31	0.0858	0.0046	359.5	15.5	18.6	1.4	0	0.2	S

(8h 1m)

I 11231

(8h 1m)



MERGED FIELD; component Seq's: I 5110, I 5111, I 5112, I 5113.

FIELD CENTER: $08^h 01^m 50.0^s$ $-39^\circ 51' 40''$ (B1950)
 $08^h 03^m 35.6^s$ $-40^\circ 00' 12''$ (J2000)
 $l: 255.98$ $b: -4.70$

DATE: 1979/324 - 1979/328
 LIVETIME: 6468.3s

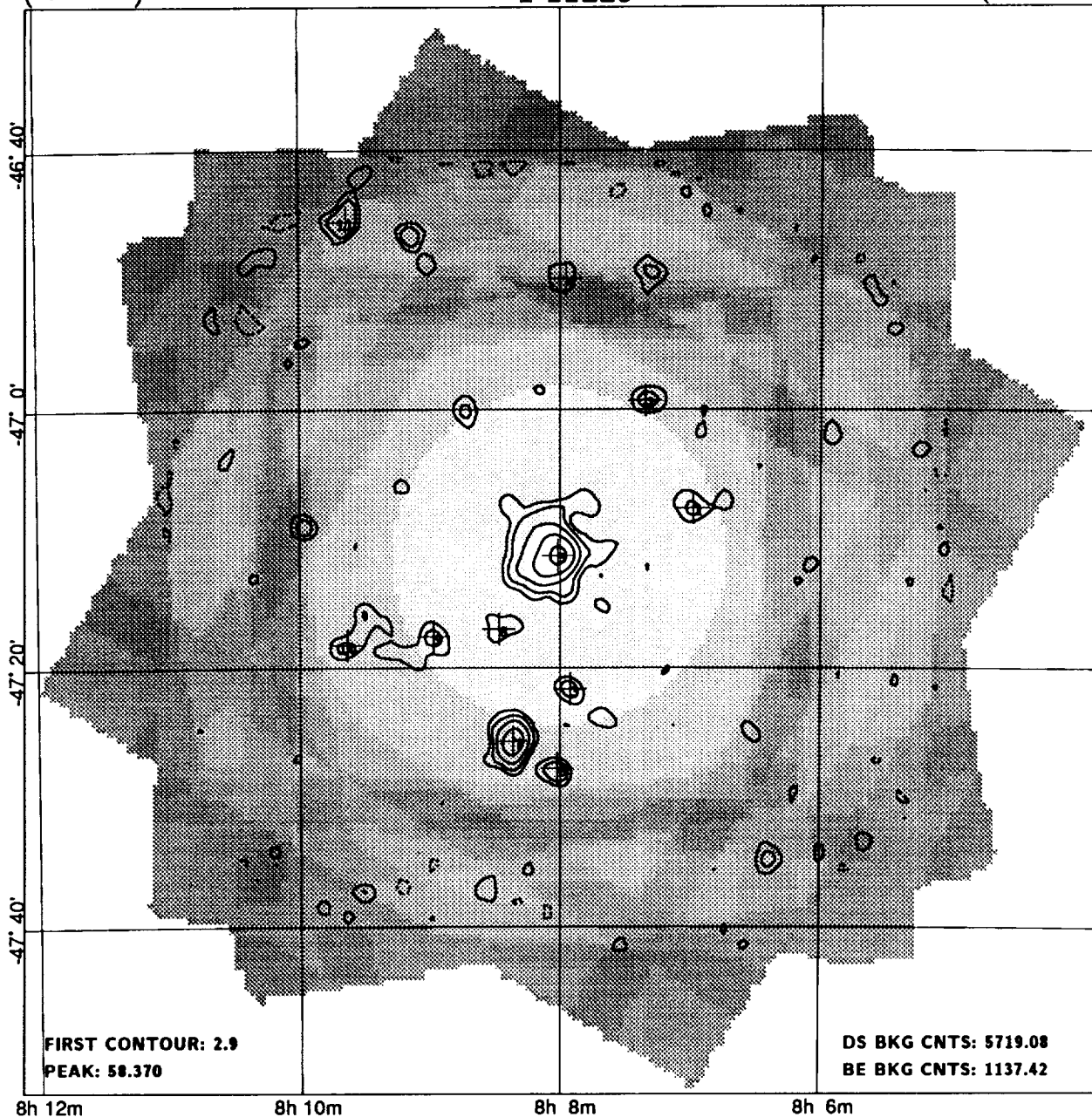
NH: $5.8E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
0	1	08 00 23.0	-39 51 14	52	0.0067	0.0017	24.2	12.8	4.0	0.7	400	16.7	
1910	2	08 01 49.7	-39 51 42	31	0.4415	0.0096	2130.0	17.0	46.0	1.3	0	0.2	S
1912	3	08 02 03.9	-39 22 49	50	0.0236	0.0035	54.9	13.1	6.7	1.1	100	29.1	
0	4	08 03 48.1	-39 33 11	56	0.0088	0.0025	20.4	12.6	3.6	0.8	300	29.4	

(8h 7m)

I 11229

(8h 7m)



8h 12m

8h 10m

8h 8m

8h 6m

MERGED FIELD; component Seq's: I 2283, I 2284.

FIELD CENTER: $08^h 07^m 58.8^s$ $-47^\circ 10' 58''$ (B1950)
 $08^h 09^m 31.3^s$ $-47^\circ 19' 52''$ (J2000)
 $l: 262.80$ $b: -7.68$

DATE: 1979/298 - 1979/355
 LIVETIME: 4634.3s

NH: $1.7E+21$
 REF/ID: S
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
1926	1	08 06 58.5	-47 07 36	46	0.0076	0.0020	22.8	15.2	3.7	0.9	0	10.8	
0	2	08 07 20.7	-46 59 18	43	0.0087	0.0022	24.5	14.5	3.9	0.7	0	13.4	S
0	3	08 07 55.3	-47 21 38	42	0.0081	0.0021	25.0	16.0	3.9	0.7	0	10.6	
0	4	08 07 57.2	-46 49 55	70	*0.0084	0.0023	18.9	7.1	3.7	0.6	703	21.2	
1936	5	08 08 01.1	-47 11 14	31	0.0771	0.0049	266.7	17.3	15.8	2.1	0	0.4	S
0	6	08 08 01.3	-47 27 47	51	0.0100	0.0024	26.3	13.7	4.2	0.7	0	16.7	
1940	7	08 08 21.7	-47 25 41	48	0.0470	0.0043	130.2	13.8	10.8	1.1	0	15.3	
0	8	08 08 28.1	-47 16 54	46	0.0073	0.0020	23.6	17.4	3.7	0.7	0	7.6	
1943	9	08 08 58.4	-47 17 29	43	0.0082	0.0021	24.7	14.3	4.0	1.4	0	12.0	
0	10	08 09 38.1	-47 18 10	55	0.0100	0.0024	25.4	12.6	4.1	1.3	0	18.3	

Source Table cont.

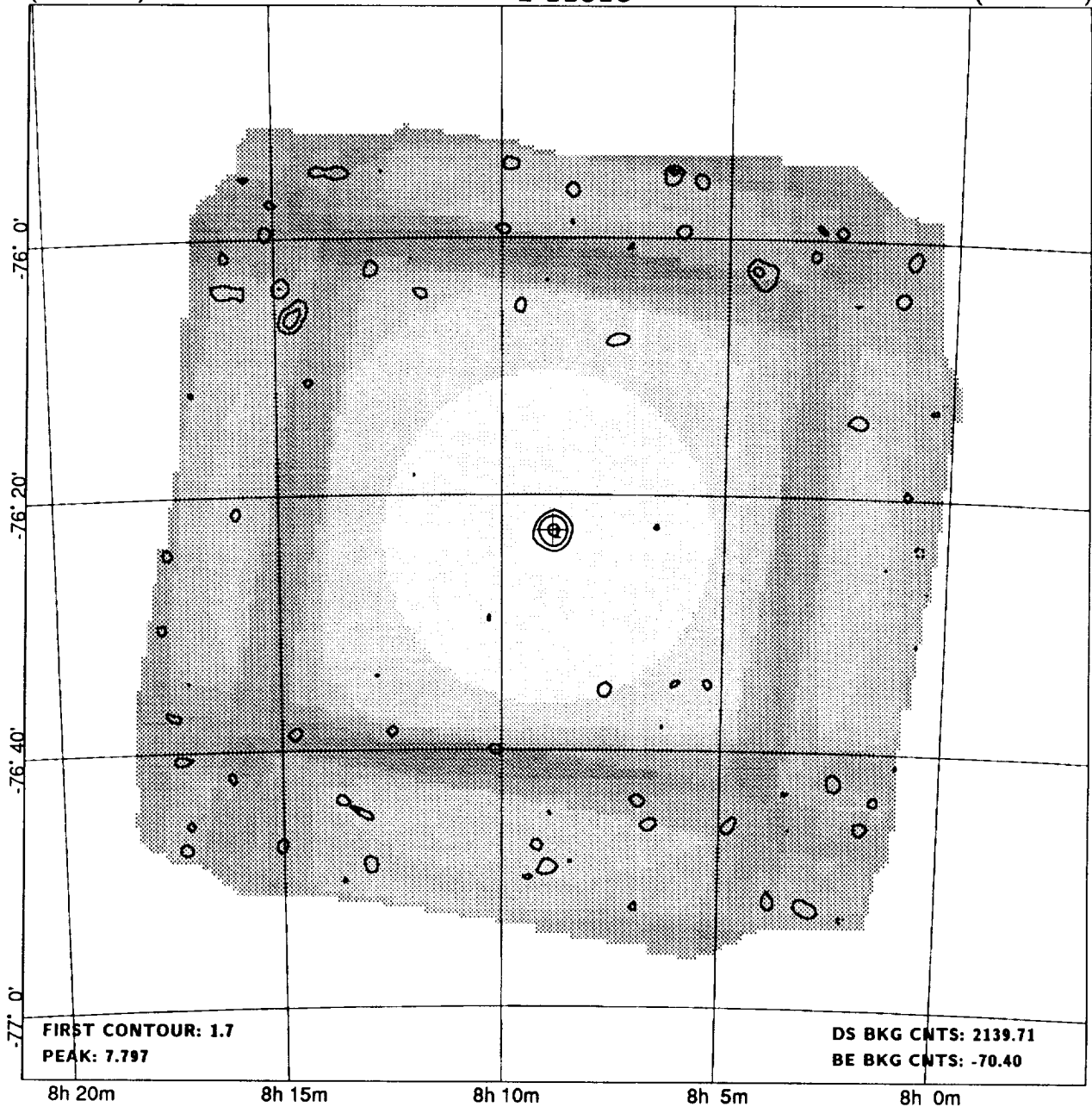
I 11229 cont.

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
0	11	08 09 38.3	-46 45 30	57	0.0146	0.0037	22.7	10.3	4.0	0.9	100	30.7	

(8h 8m)

I 11318

(8h 8m)



MERGED FIELD; component Seq's: I 2259, I 2260.

FIELD CENTER: $08^h 08^m 44.0^s$ $-76^\circ 23' 57''$ (B1950)
 $08^h 07^m 22.1^s$ $-76^\circ 32' 48''$ (J2000)
 $l: 289.20$ $b: -22.09$

DATE: 1979/193 - 1979/202
 LIVETIME: 1733.9s

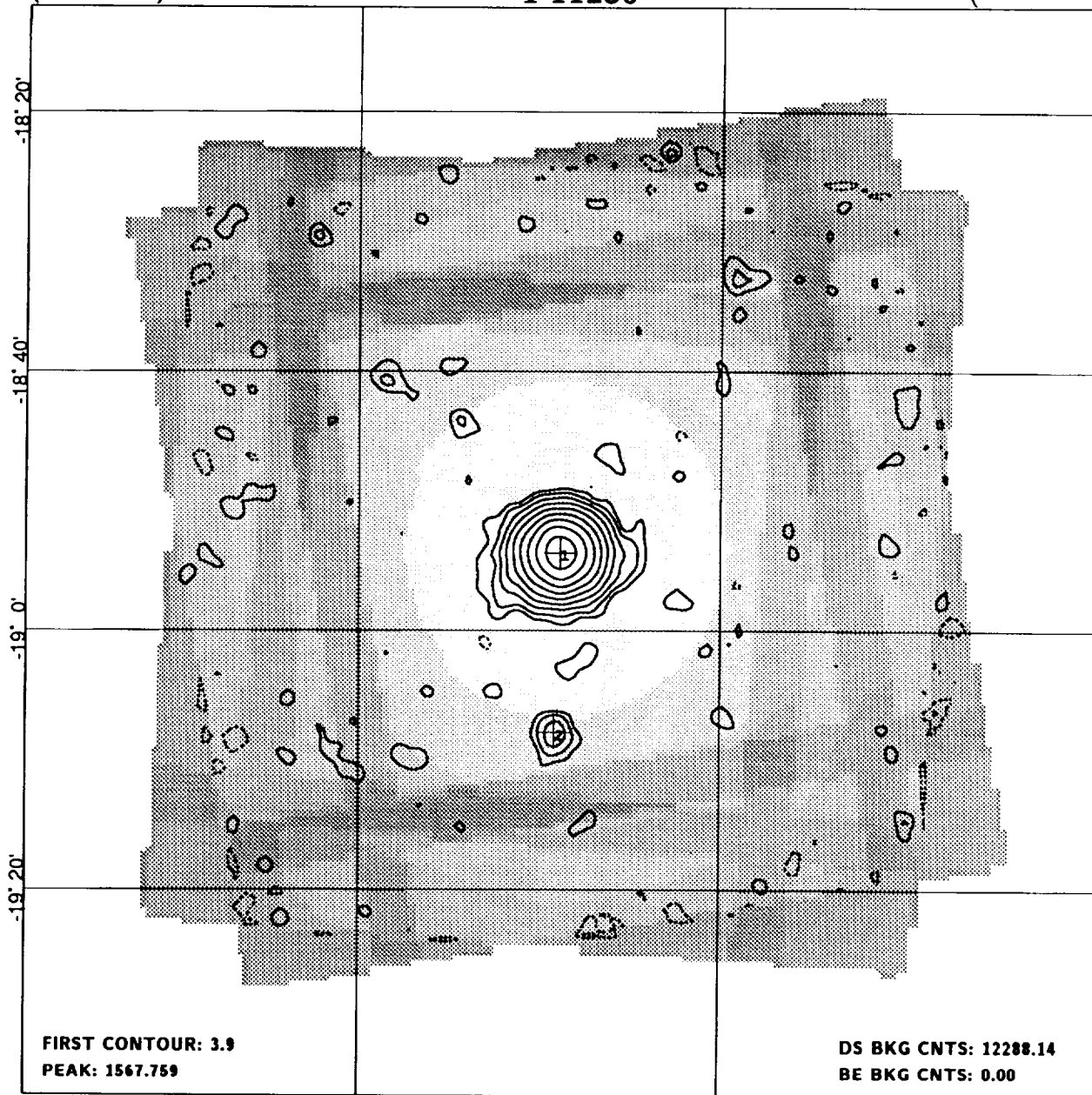
NH: $1.2E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1942	1	08 08 51.7	-76 22 42	35	0.0250	0.0047	32.3	4.7	5.3	0.8	0	1.3		CV

(8h 12m)

I 11250

(8h 12m)



8h 14m

8h 12m

MERGED FIELD; component Seq's: I 909, I 910.

FIELD CENTER: $08^h 12^m 52.5^s$ $-18^\circ 53' 58''$ (B1950)
 $08^h 15^m 07.1^s$ $-19^\circ 03' 12''$ (J2000)
 $l: 239.65$ $b: 8.71$

DATE: 1980/111 - 1980/277
 LIVETIME: 9957.4s

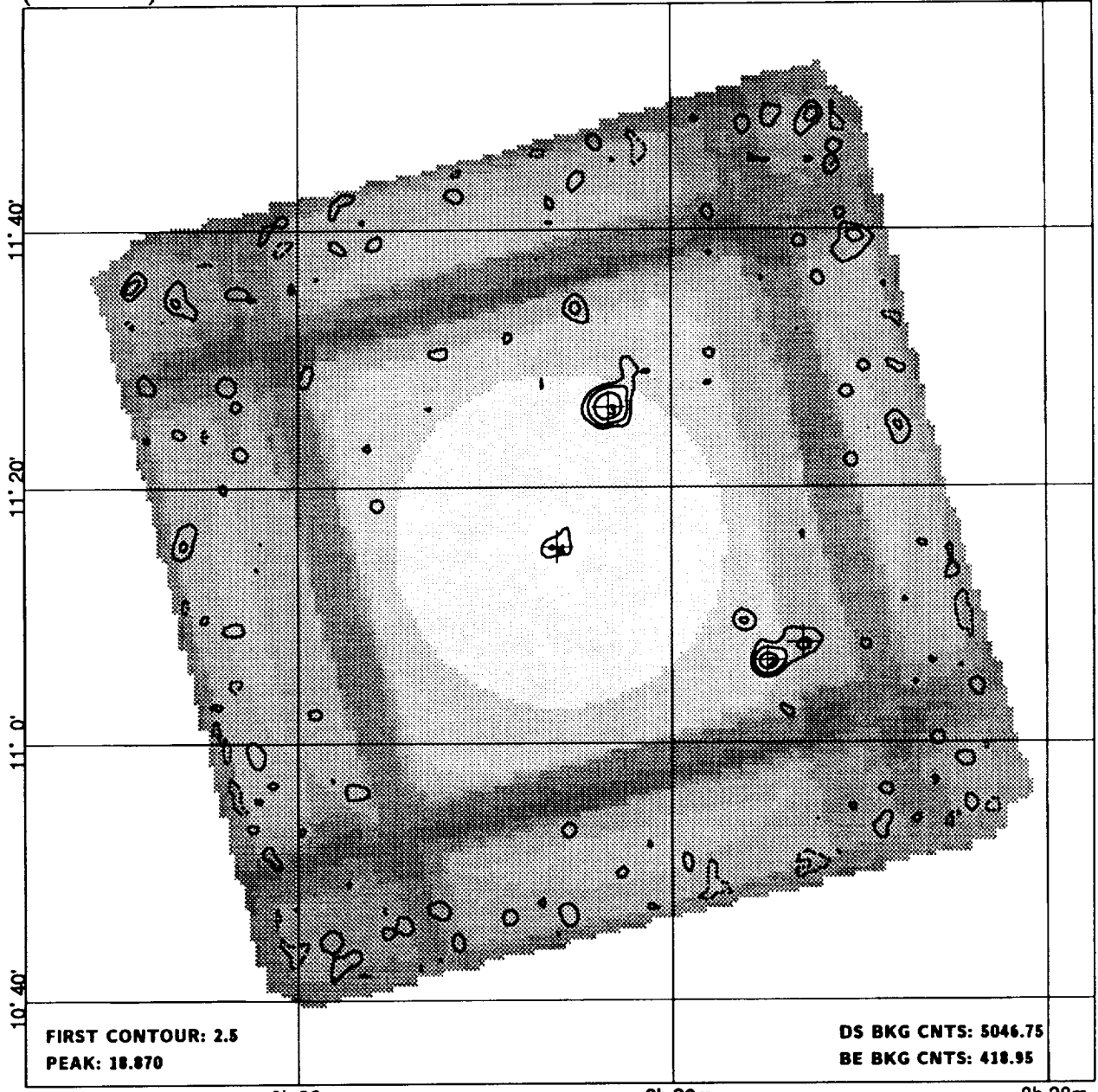
NH: $1.0E+21$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1959	1L	08 12 53.0	-18 53 58	31	0.695	0.014	5171.5	2705.5	48.7	2.0	0	0.0	S	
1960	2L	08 12 54.9	-19 07 52	39	0.0121	0.0021	73.3	36.7	5.7	1.1	0	13.9	*	

(8h 30m)

I 11093

(8h 30m)



FIRST CONTOUR: 2.5
PEAK: 18.870

DS BKG CNTS: 5046.75
BE BKG CNTS: 418.95

8h 32m

8h 30m

8h 28m

MERGED FIELD; component Seq's: I 2023, I 2024.

FIELD CENTER: 08^h30^m36.0^s 11°15'29" (B1950)
08^h33^m20.1^s 11°05'11" (J2000)
l: 214.31 *b*: 27.60

DATE: 1979/295 - 1980/133
LIVETIME: 4089.5s

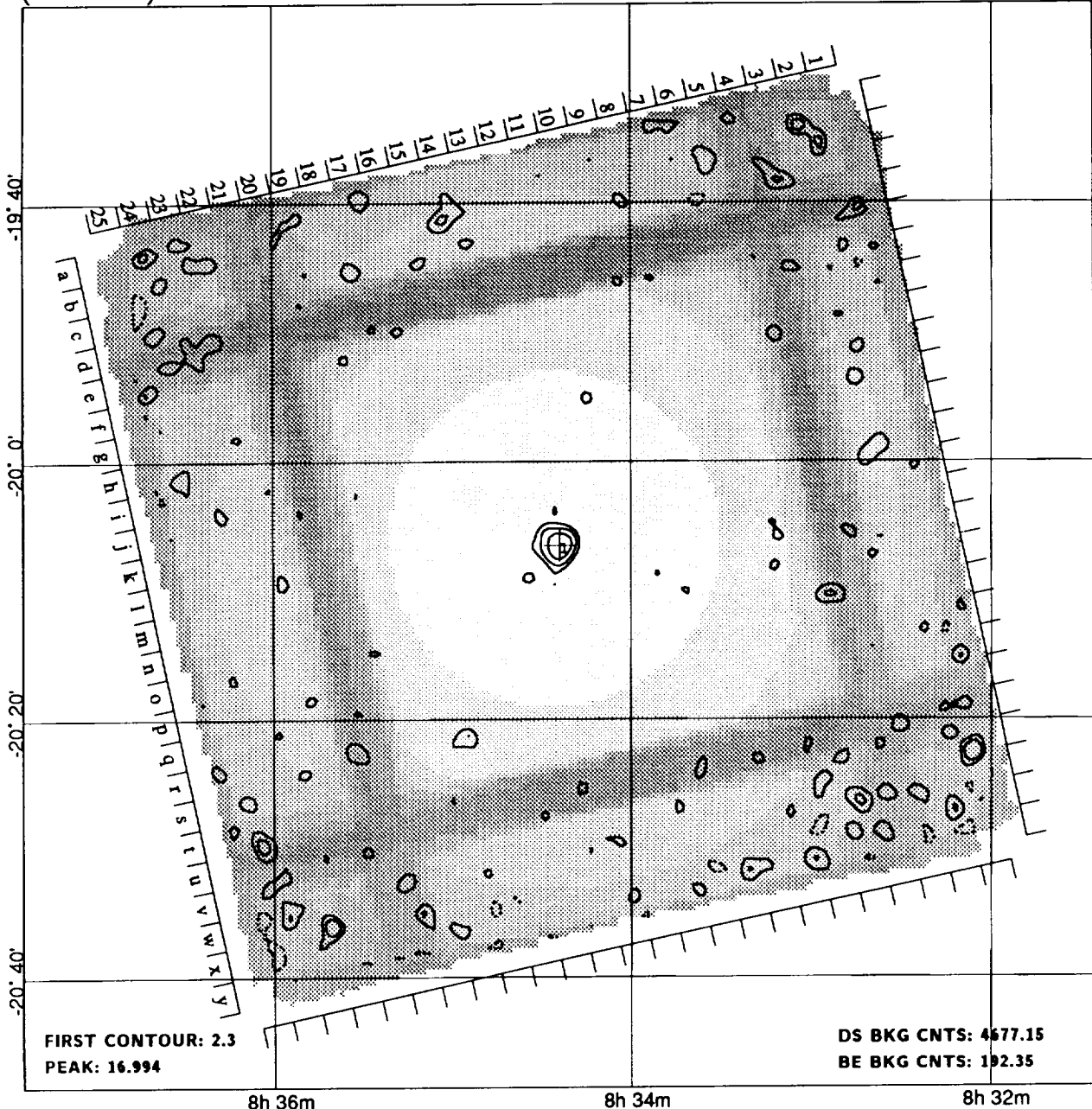
NH: 3.9E+20
REF/ID: !
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
0	1	08 29 17.9	11 07 58	57	0.0092	0.0025	19.0	8.0	3.7	2.5	0	20.4		Q
2003	2	08 29 29.4	11 06 29	50	0.0160	0.0031	34.9	11.1	5.1	1.2	0	18.7		Q
2005	3	08 30 20.3	11 26 16	41	0.0284	0.0035	76.0	13.0	8.1	1.1	0	11.5		
0	4	08 30 36.9	11 15 22	38	0.0069	0.0019	21.1	13.9	3.6	0.6	0	0.4		Q

(8h 34m)

I 11249

(8h 34m)



FIRST CONTOUR: 2.3
PEAK: 16.994

DS BKG CNTS: 4677.15
BE BKG CNTS: 192.35

8h 36m

8h 34m

8h 32m

MERGED FIELD; component Seq's: I 7296, I 7297.

FIELD CENTER: $08^h 34^m 24.7^s$ $-20^\circ 06' 34''$ (B1950)
 $08^h 36^m 39.3^s$ $-20^\circ 17' 03''$ (J2000)
 $l: 243.57$ $b: 12.23$

DATE: 1980/114 - 1981/ 98
 LIVETIME: 3790.0s
 ROLL ANGLE: 77.8°

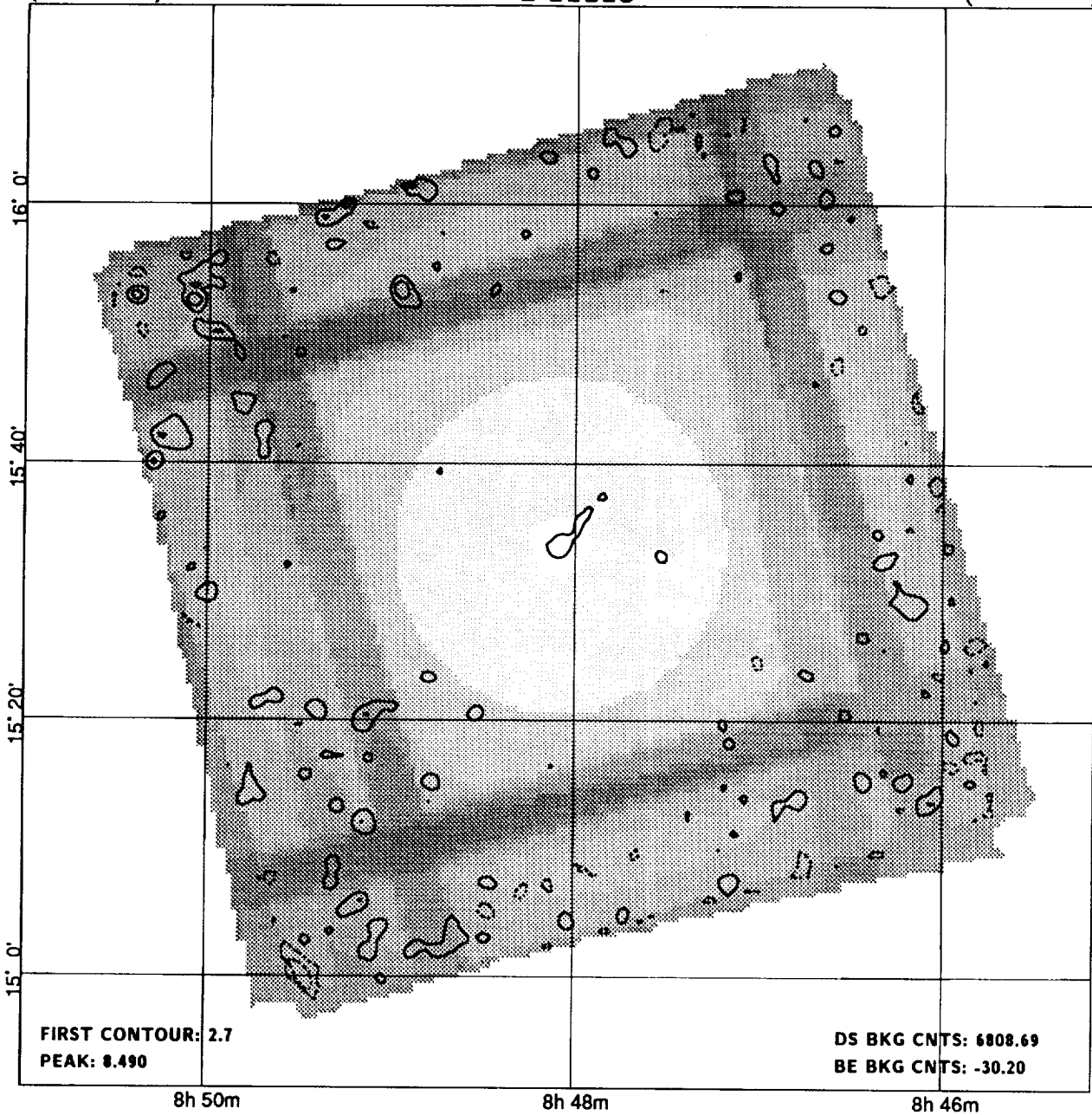
NH: $7.6E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID FLG
2016	1	08 34 23.8	-20 06 33	32	0.0257	0.0032	72.7	11.3	7.9	1.0	0	0.2		

(8h 48m)

I 11115

(8h 48m)



FIRST CONTOUR: 2.7
PEAK: 8.490

DS BKG CNTS: 6808.69
BE BKG CNTS: -30.20

8h 50m

8h 48m

8h 46m

MERGED FIELD; component Seq's: I 2025, I 2026.

FIELD CENTER: 08^h48^m05.0^s 15°33'28" (B1950)
08^h50^m52.4^s 15°22'13" (J2000)
ℓ: 211.77 b: 33.24

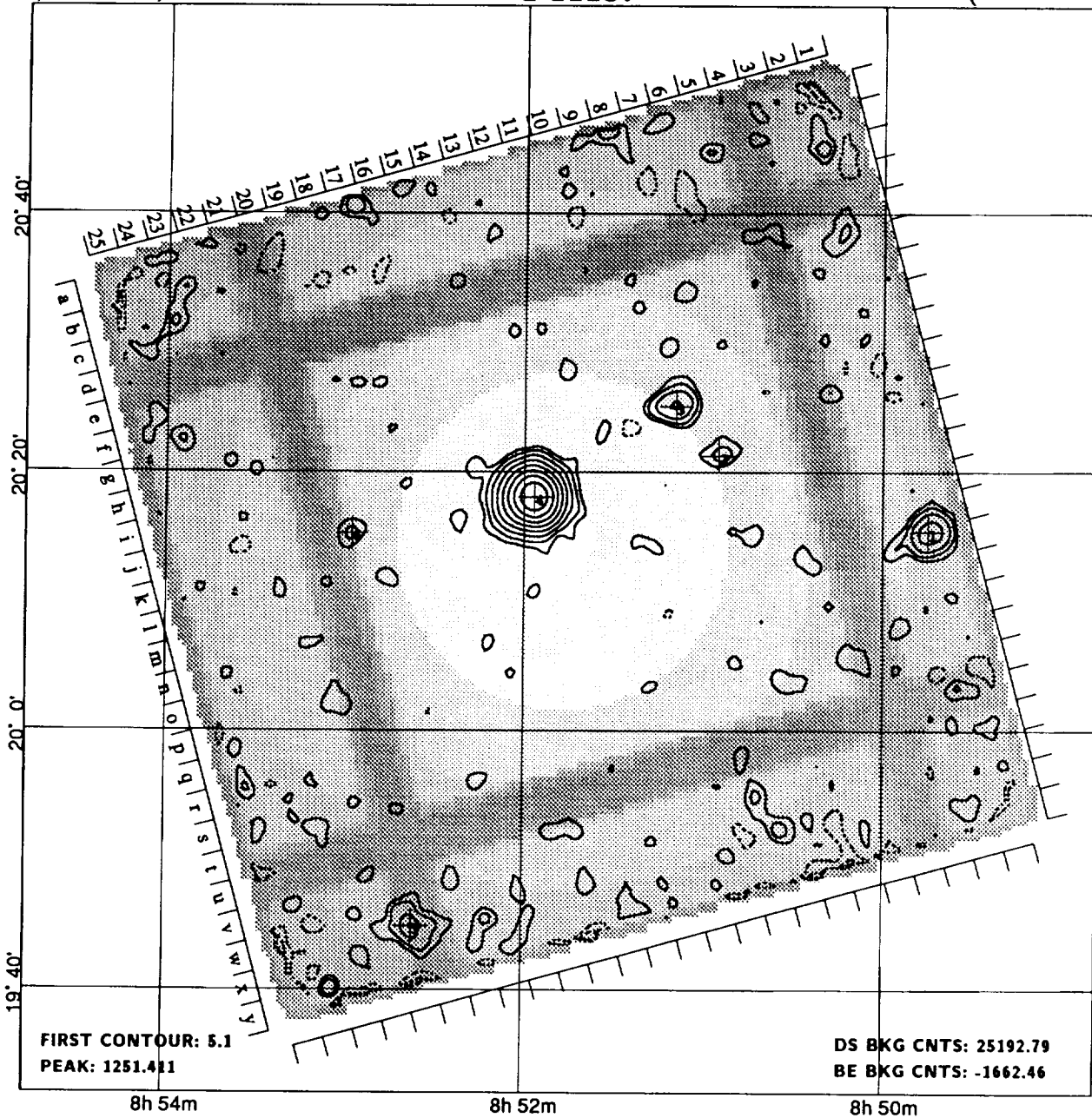
DATE: 1979/296 - 1980/135
LIVETIME: 5517.4s

NH: 3.1E+20
REF/ID: I
FIELD FLAGS:

(8h 51m)

I 11137

(8h 51m)



MERGED FIELD; component Seq's: I 1993, I 1994.

FIELD CENTER: $08^h 51^m 48.0^s$ $20^\circ 13' 59''$ (B1950)
 $08^h 54^m 39.5^s$ $20^\circ 02' 32''$ (J2000)
 $l: 206.87$ $b: 35.76$

DATE: 1979/299 - 1980/137
 LIVETIME: 20414.4s
 ROLL ANGLE: 74.7°

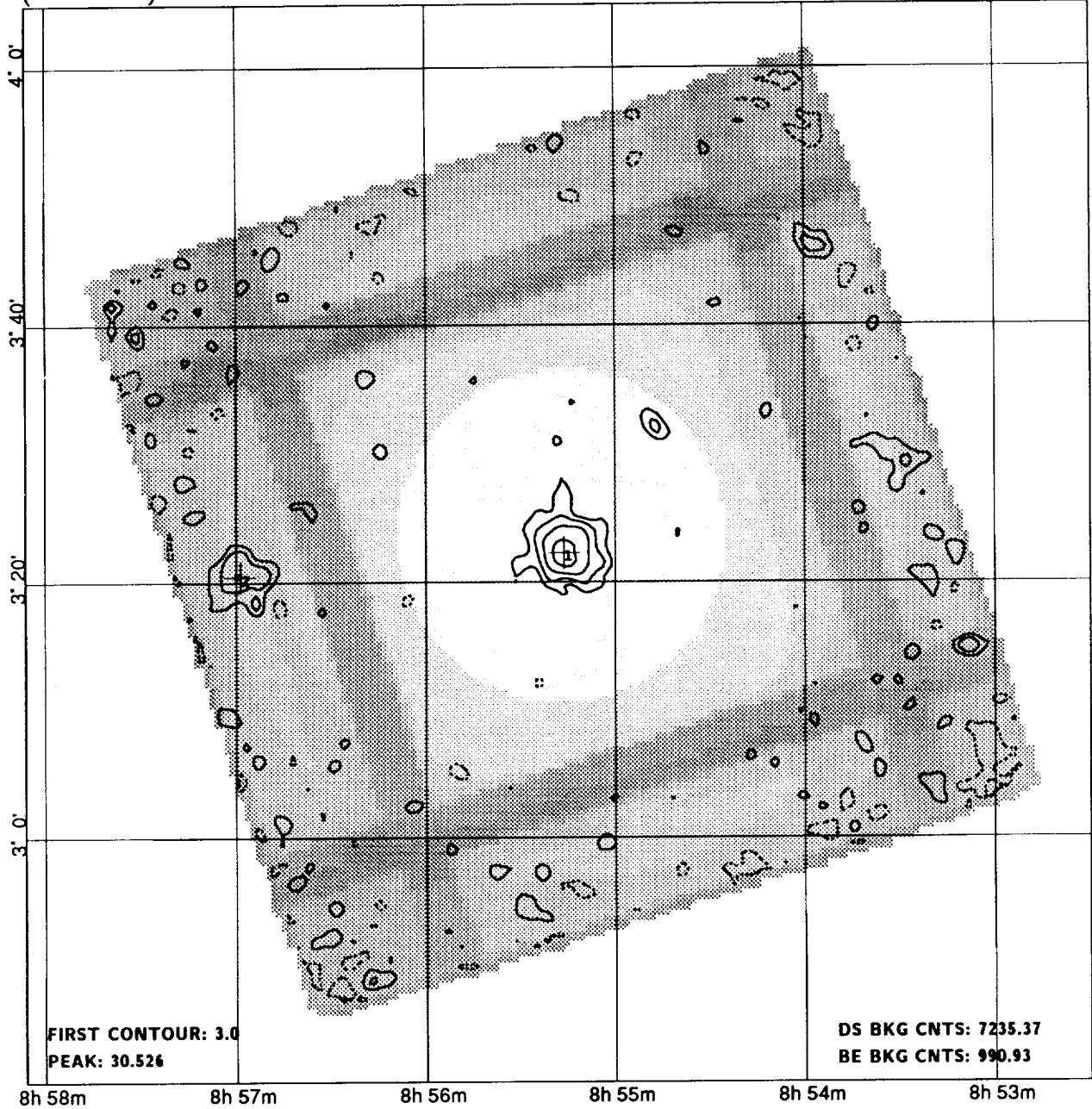
NH: 3.0E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2062	1	08 49 45.0	20 15 25	48	0.0169	0.0017	128.8	39.2	9.9	1.2	0	28.7		
2071	2	08 50 54.9	20 21 15	43	0.00299	0.00074	37.3	47.7	4.1	0.8	0	14.6		
2073	3	08 51 09.2	20 25 05	38	0.0124	0.0012	154.8	54.2	10.7	1.1	0	14.4		S
2076	4	08 51 56.6	20 18 02	31	0.3460	0.0049	5101.4	65.6	71.0	1.3	0	4.6		BL
2077	5	08 52 37.0	19 44 54	56	*0.0078	0.0013	50.8	23.2	5.9	1.4	1007	31.2		
2078	6	08 52 57.9	20 15 15	56	*0.00272	0.00072	31.4	37.6	3.8	0.5	602	16.5		

(8h 55m)

I 11070

(8h 55m)



MERGED FIELD; component Seq's: I 306, I 6118.

FIELD CENTER: $08^h 55^m 18.0^s$ $03^\circ 22' 59''$ (B1950)
 $08^h 57^m 54.5^s$ $03^\circ 11' 21''$ (J2000)
 $l: 225.47$ $b: 29.42$

DATE: 1979/300 - 1980/131
 LIVETIME: 5863.1s

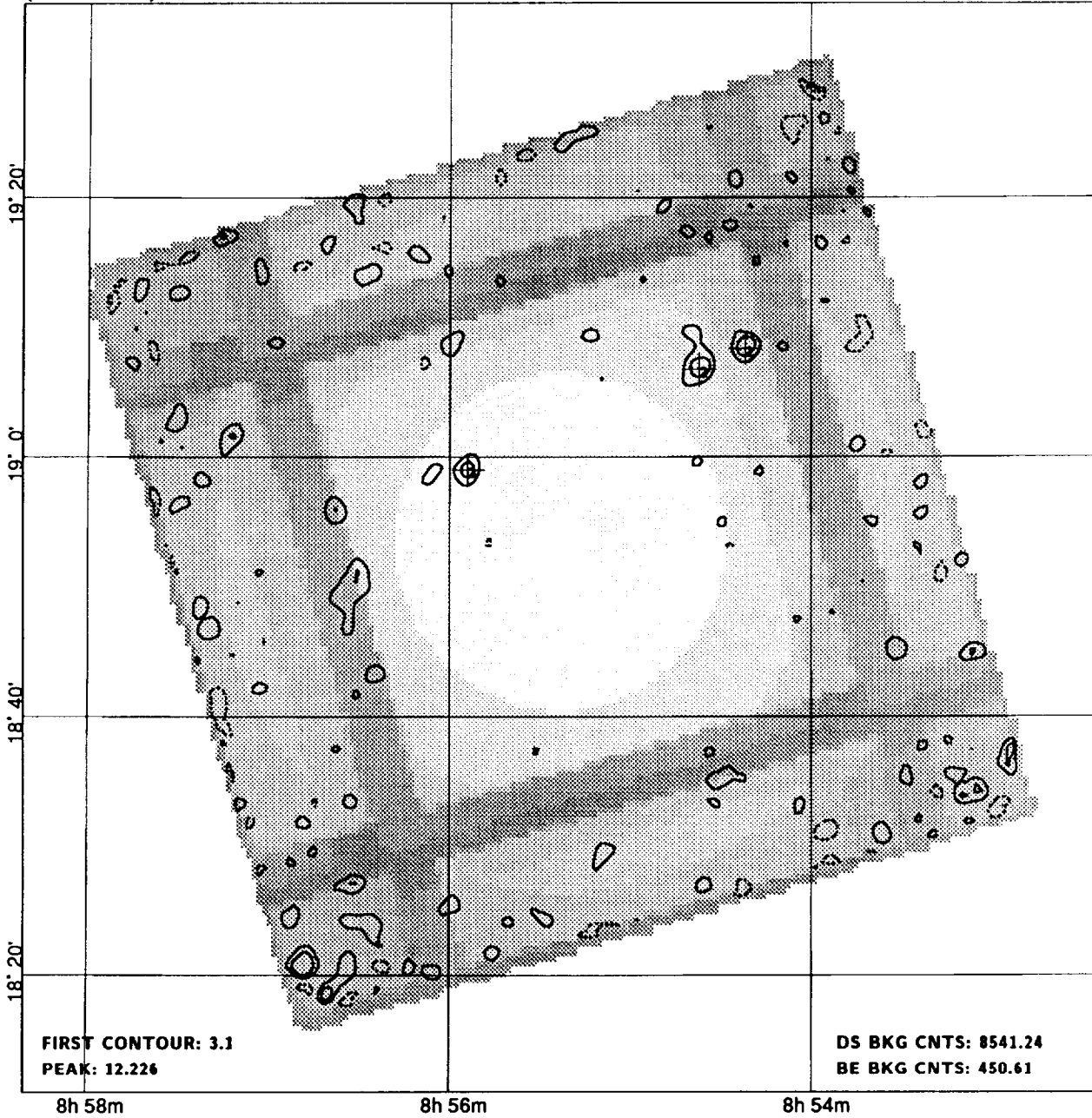
NH: $3.9E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2081	1	08 55 16.2	03 22 16	31	0.0390	0.0032	169.6	20.4	12.3	2.1	0	0.8		CLG
2083	2	08 56 58.7	03 20 26	54	0.0110	0.0026	27.0	13.0	4.3	1.9	0	25.3		

(8h 55m)

I 11129

(8h 55m)



FIRST CONTOUR: 3.1
PEAK: 12.226

DS BKG CNTS: 8541.24
BE BKG CNTS: 450.61

8h 58m

8h 56m

8h 54m

MERGED FIELD; component Seq's: I 2027, I 2028.

FIELD CENTER: 08^h55^m24.0^s 18°52'59" (B1950)
08^h58^m14.0^s 18°41'21" (J2000)
ℓ: 208.80 b: 36.09

DATE: 1979/295 - 1980/135
LIVETIME: 6921.2s

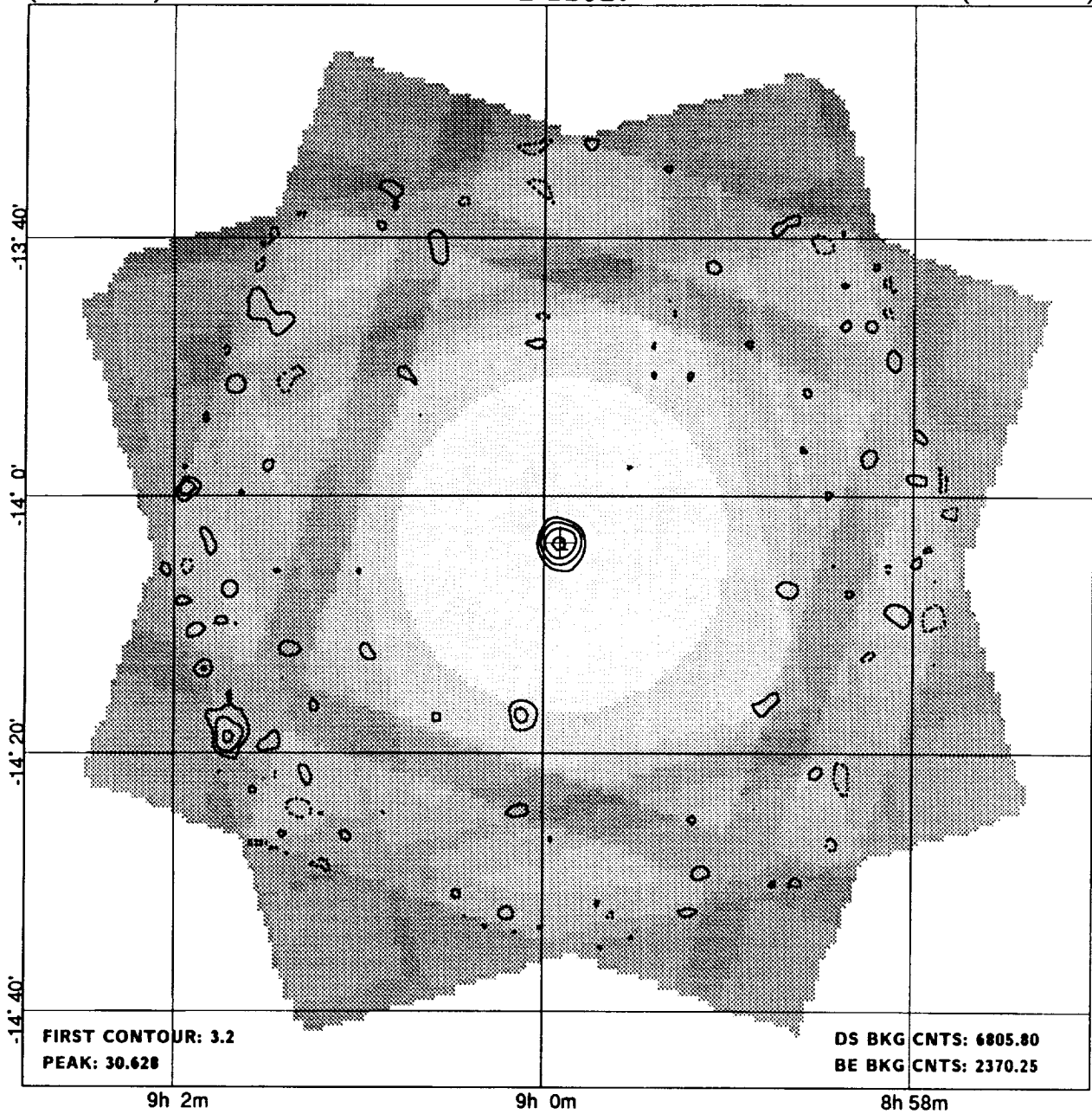
NH: 3.2E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID FLG
0	1	08 54 21.8	19 08 22	55	0.0068	0.0017	23.5	12.5	3.9	0.6	0	21.1		
0	2	08 54 37.1	19 06 46	54	0.0080	0.0018	31.0	17.0	4.5	0.9	0	17.9		
0	3	08 55 54.0	18 58 58	42	0.0058	0.0015	27.2	23.8	3.8	0.6	0	9.3		

(8h 59m)

I 11027

(8h 59m)



9h 2m

9h 0m

8h 58m

MERGED FIELD; component Seq's: I 3903, I 3904, I 3905.

FIELD CENTER: $08^{\text{h}}59^{\text{m}}54.9^{\text{s}}$ $-14^{\circ}03'59''$ (B1950)
 $09^{\text{h}}02^{\text{m}}16.7^{\text{s}}$ $-14^{\circ}15'51''$ (J2000)
 $l: 242.26$ $b: 20.72$

DATE: 1979/316 - 1981/109
 LIVETIME: 5514.9s

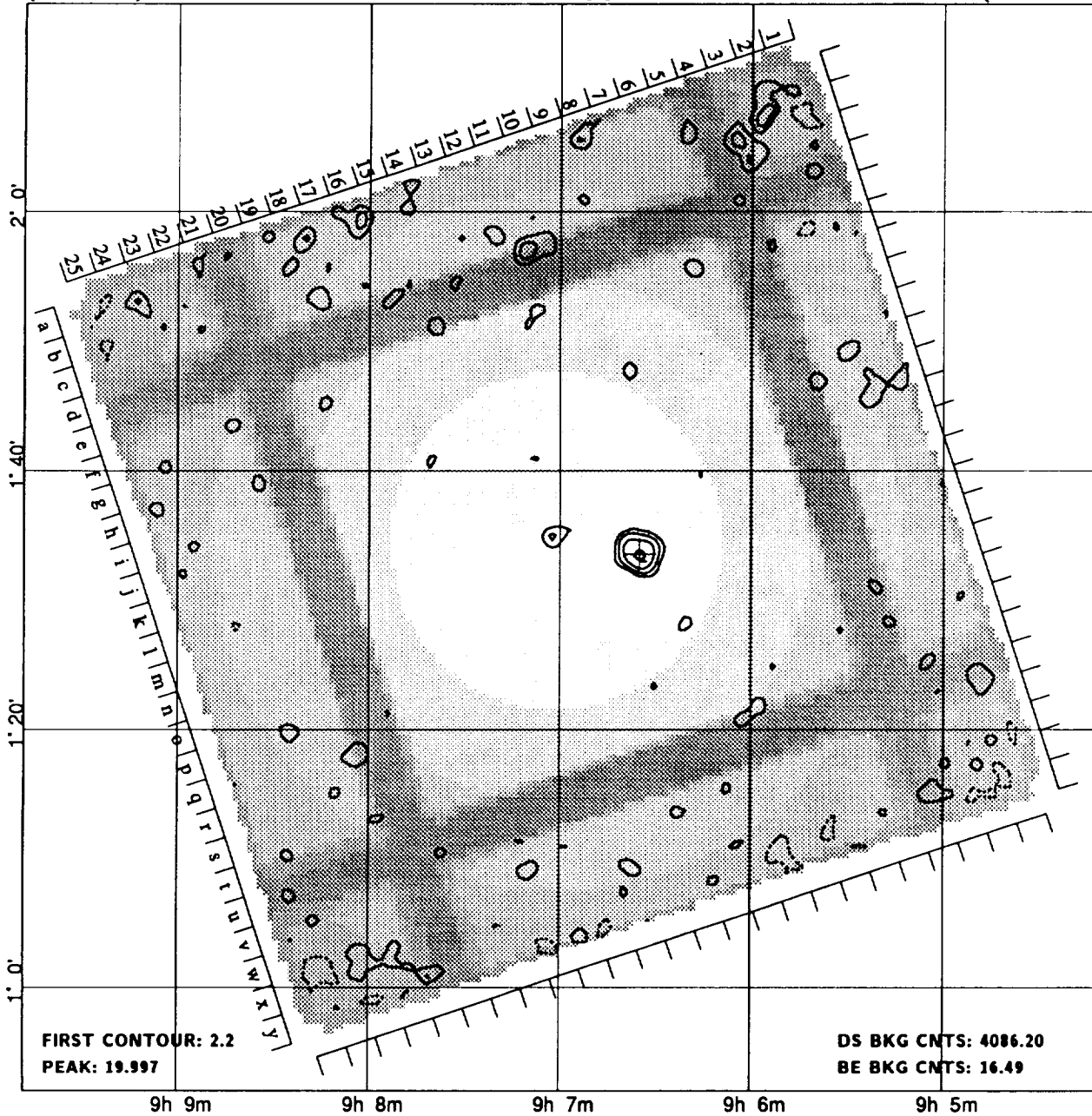
NH: $5.7\text{E}+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
2085	1L	08 59 54.7	-14 03 38	31	0.0290	0.0035	119.4	31.6	8.2	1.0	0	0.4	

(9h 7m)

I 11062

(9h 7m)



MERGED FIELD; component Seq's: I 2029, I 2030.

FIELD CENTER: $09^h 07^m 00.0^s$ $01^\circ 33' 59''$ (B1950)
 $09^h 09^m 34.9^s$ $01^\circ 21' 46''$ (J2000)
 $l: 229.00$ $b: 31.01$

DATE: 1979/139 - 1980/128
 LIVETIME: 3311.2s
 ROLL ANGLE: 71.7°

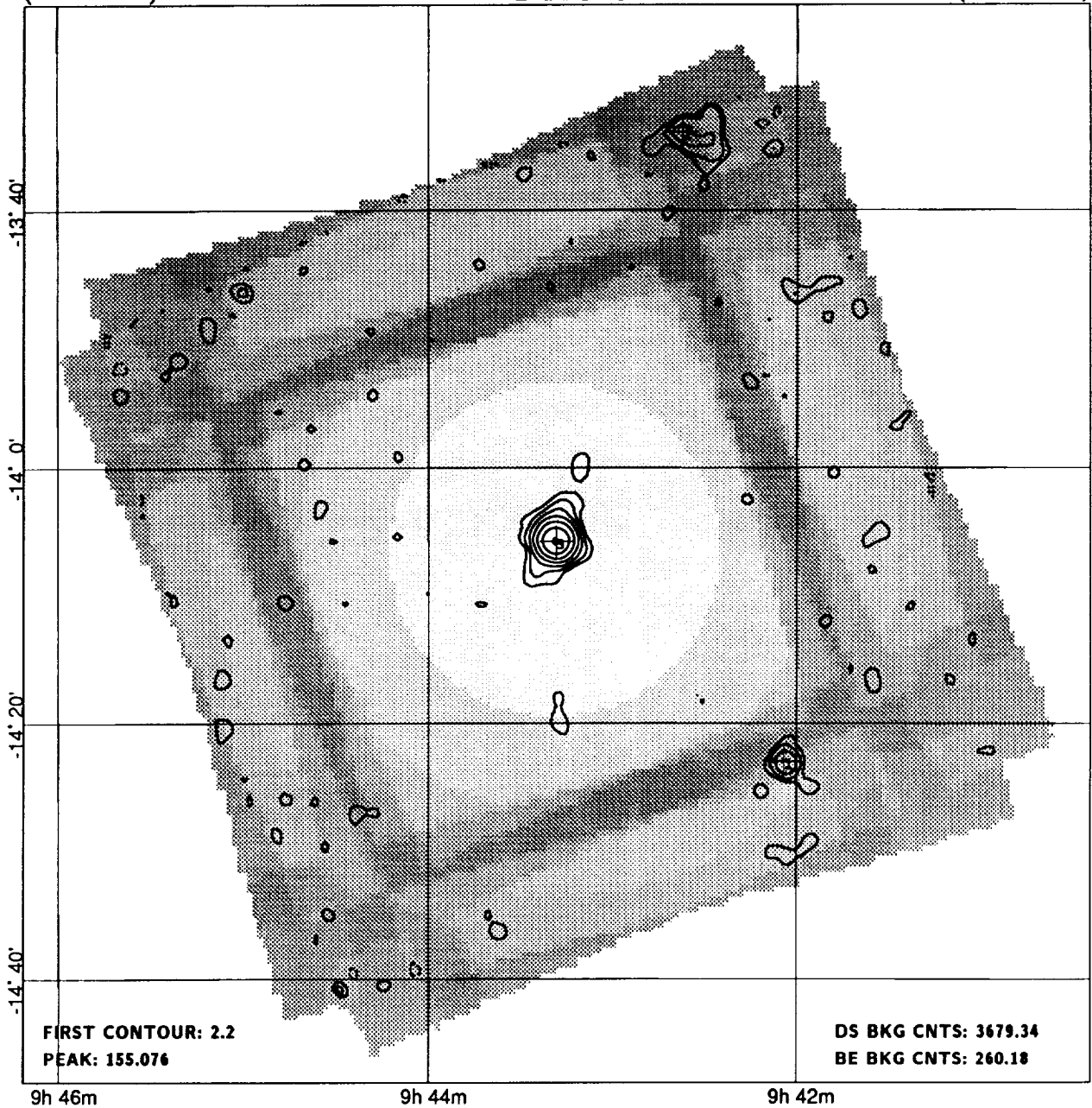
NH: $3.1E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
2102	1	09 06 35.0	01 33 31	38	0.0350	0.0041	81.2	9.8	8.5	1.0	0	6.3	Q

(9h 43m)

I 11026

(9h 43m)



9h 46m

9h 44m

9h 42m

MERGED FIELD; component Seq's: I 3060, I 3061.

FIELD CENTER: 09^h43^m18.0^s -14°05'59" (B1950)
09^h45^m42.3^s -14°19'52" (J2000)
 l : 249.71 b : 28.78

DATE: 1979/316 - 1979/336
LIVETIME: 2981.6s

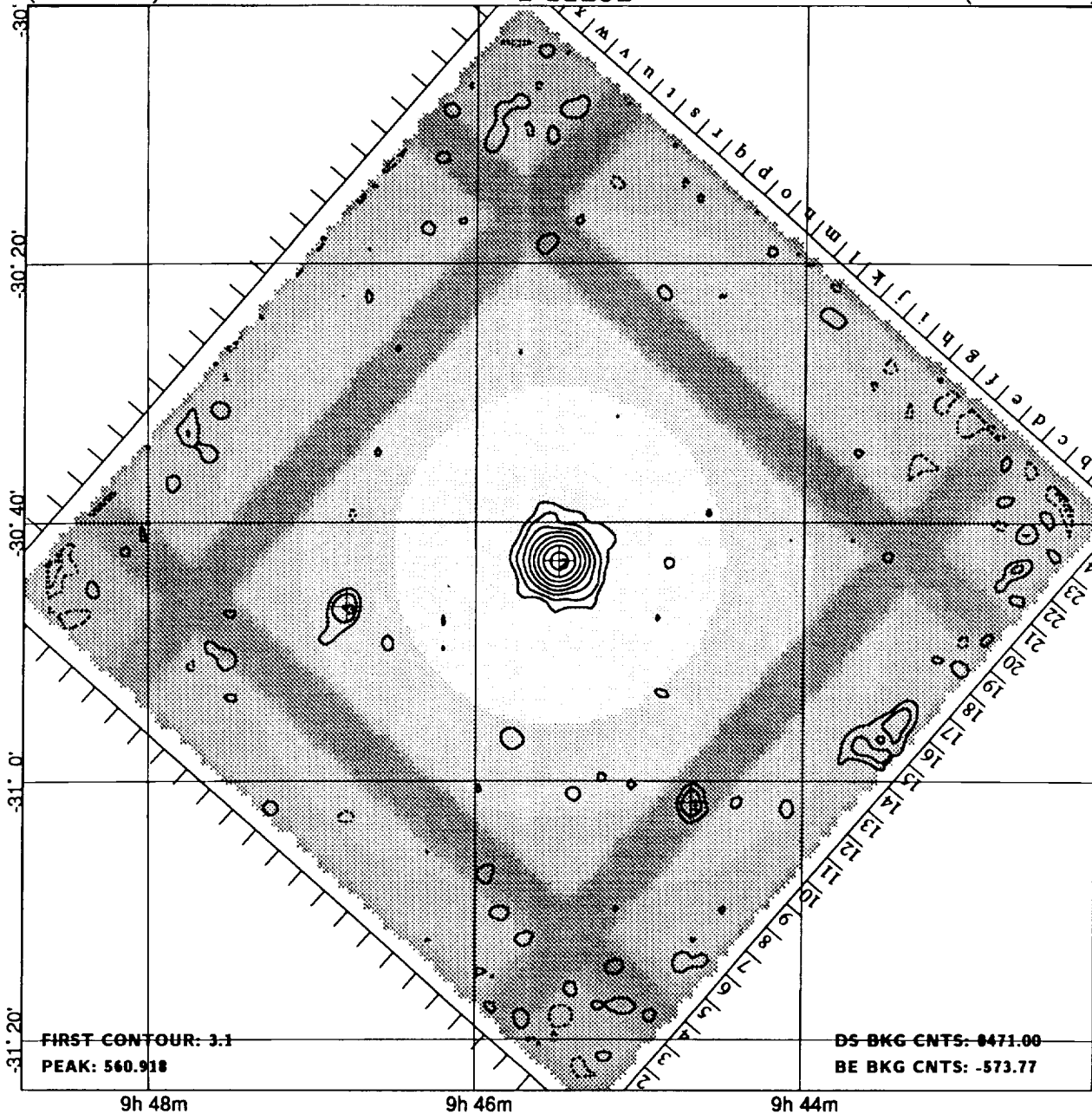
NH: 5.2E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2181	1	09 42 04.1	-14 22 56	51	*0.0238	0.0046	31.1	4.9	5.2	0.9	1509	24.5		
0	2	09 42 37.3	-13 33 55	56	*0.0214	0.0057	17.7	4.3	3.8	2.0	1109	33.1		
2183	3	09 43 18.4	-14 05 44	31	0.269	0.011	598.1	9.9	24.3	1.1	0	0.4		SY

(9h 45m)

I 11232

(9h 45m)



MERGED FIELD; component Seq's: I 7199, I 9481, I 9482, I 9483, I 9484, I 9485.

FIELD CENTER: 09^h45^m30.0^s -30°41'59" (B1950)
 09^h47^m41.8^s -30°55'57" (J2000)
 l : 262.74 b : 17.25

DATE: 1981/ 4 - 1981/ 5
 LIVETIME: 6864.3s
 ROLL ANGLE: -138.9°

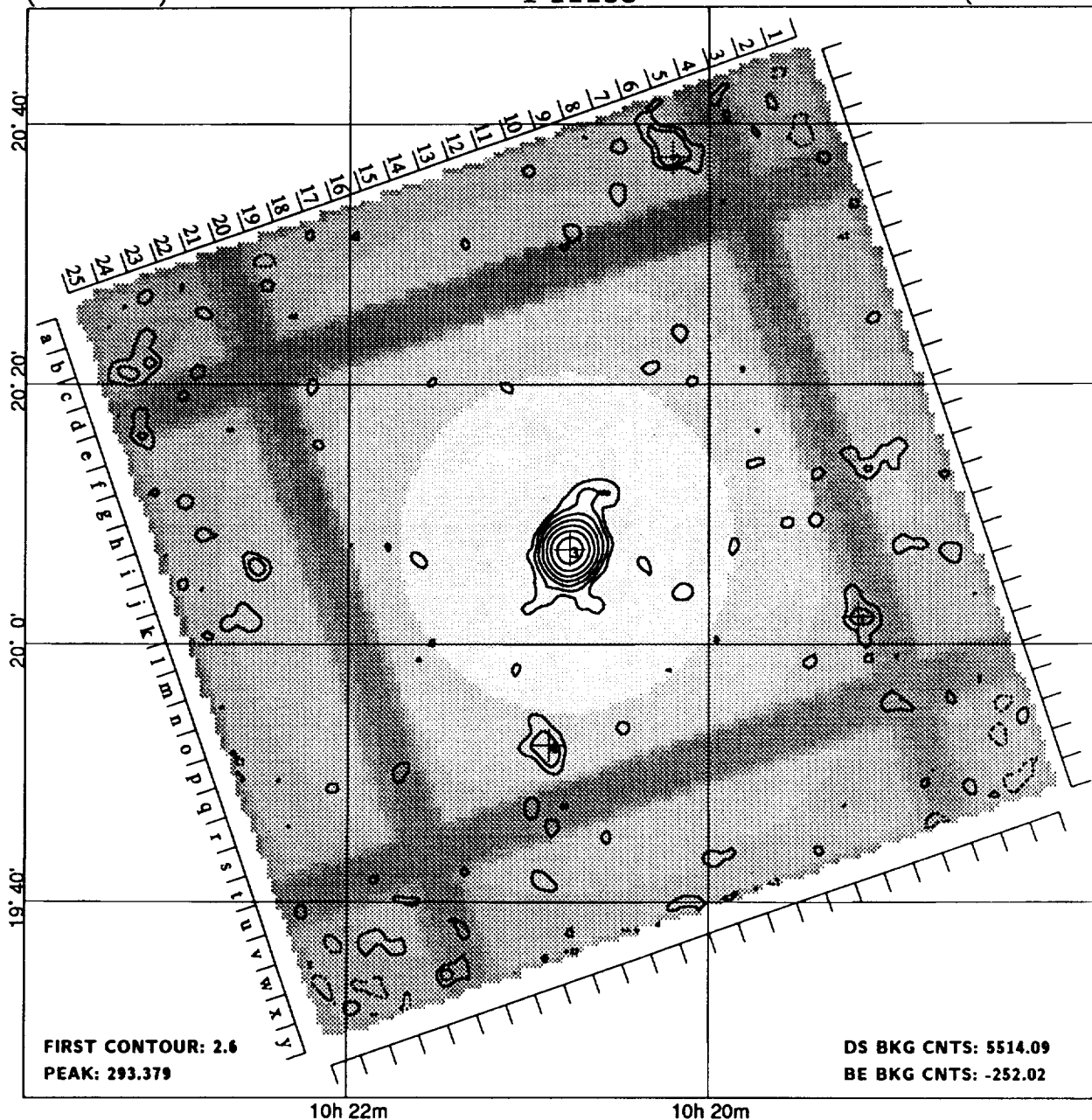
NH: 8.5E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
0	1	09 44 40.7	-31 01 41	55	*0.0080	0.0018	26.5	8.5	4.5	0.8	1209	22.5	
2187	2	09 45 29.5	-30 43 01	31	0.4259	0.0092	2181.7	18.3	46.5	1.2	0	0.9	
0	3	09 46 47.5	-30 46 33	51	0.0092	0.0019	35.3	15.7	4.9	1.0	0	17.3	

(10h 20m)

I 11135

(10h 20m)



MERGED FIELD; component Seq's: I 1945, I 1946.

FIELD CENTER: $10^h 20^m 48.0^s$ $20^\circ 06' 59''$ (B1950)
 $10^h 23^m 31.8^s$ $19^\circ 51' 47''$ (J2000)
 $l: 217.00$ $b: 55.45$

DATE: 1979/140 - 1980/154
 LIVETIME: 4468.2s
 ROLL ANGLE: 71.0°

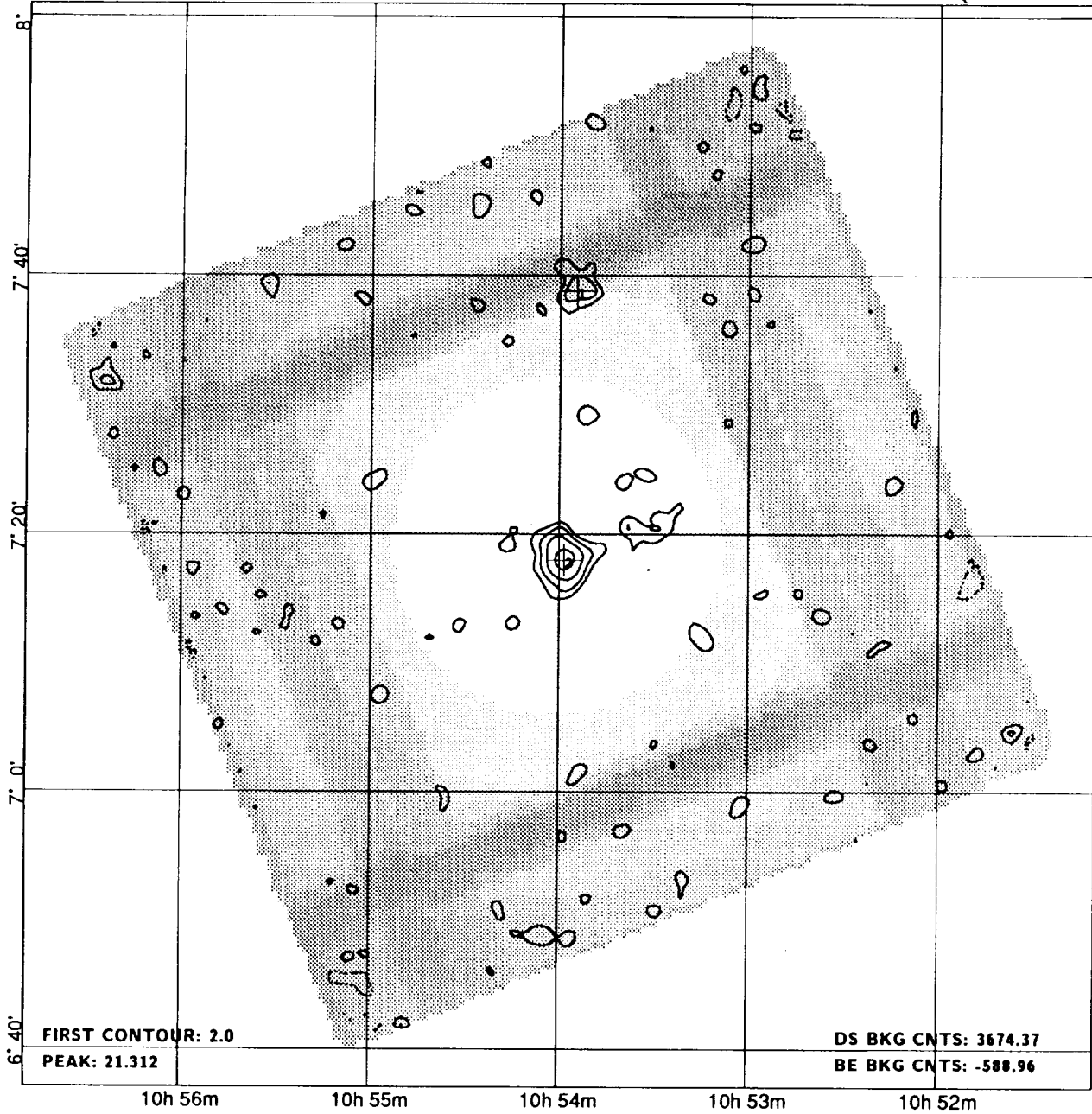
NH: $2.2E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
0	1	10 19 10.4	20 02 07	56	*0.0089	0.0025	18.1	6.9	3.6	1.1	803	23.0	
0	2	10 20 12.1	20 37 25	56	0.0126	0.0034	18.9	7.1	3.7	1.4	100	31.7	
2275	3	10 20 46.3	20 07 15	31	0.377	0.011	1255.9	12.1	35.3	1.3	0	0.6	
2277	4	10 20 53.1	19 52 10	51	0.0124	0.0025	32.2	10.8	4.9	1.1	0	15.1	

(10h 54m)

I 11077

(10h 54m)



MERGED FIELD; component Seq's: I 915, I 916.

FIELD CENTER: $10^h 54^m 00.0^s$ $07^\circ 18' 59''$ (B1950)
 $10^h 56^m 36.1^s$ $07^\circ 02' 57''$ (J2000)
 $l: 244.04$ $b: 56.16$

DATE: 1979/141 - 1979/339
 LIVETIME: 2977.4s

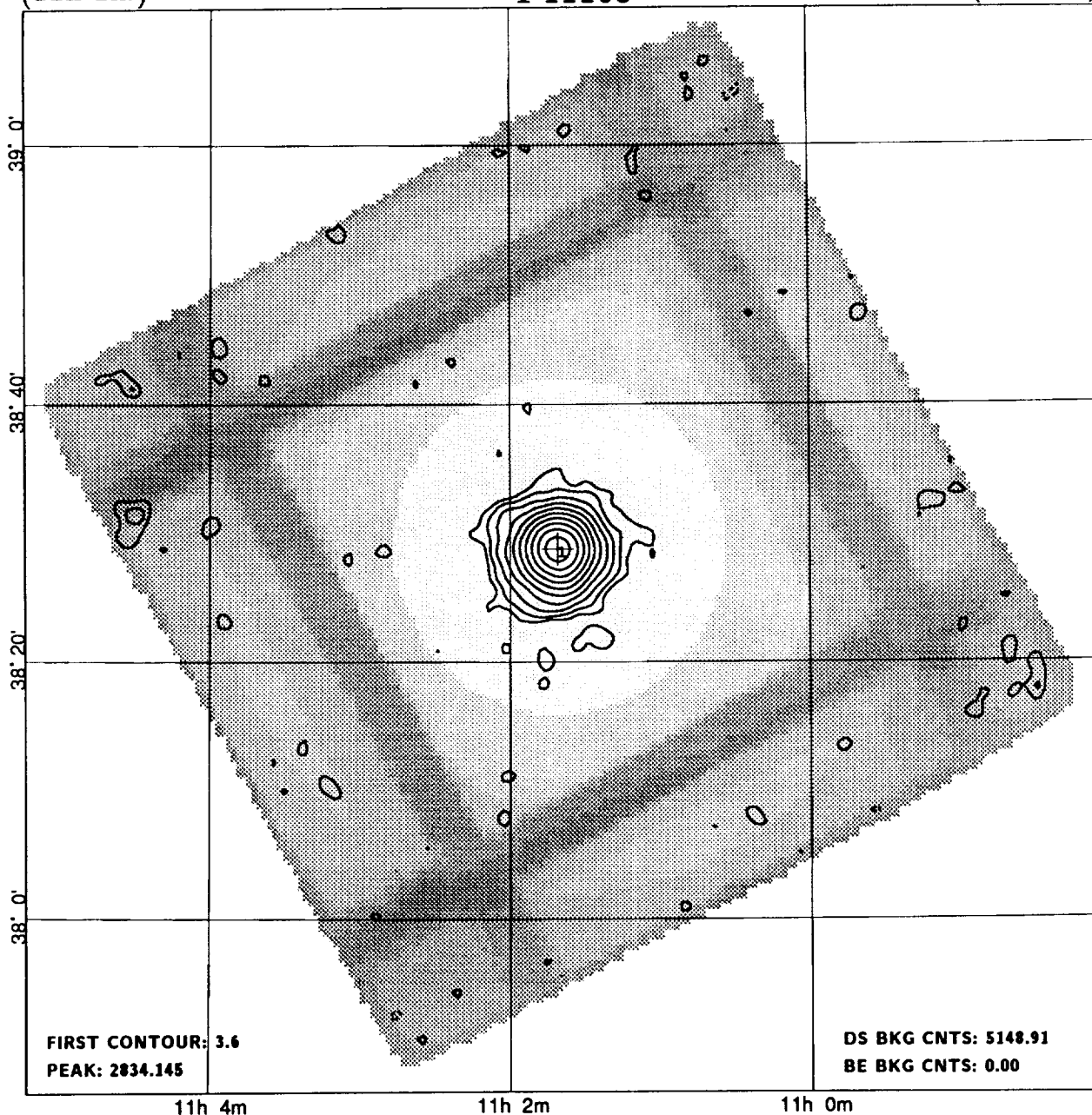
NH: $3.0E+20$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
0	1	10 53 54.7	07 38 47	55	*0.0120	0.0031	18.5	4.5	3.8	1.1	703	20.2	S
2358	2	10 53 58.4	07 17 55	31	0.0422	0.0045	93.5	7.5	9.3	1.5	0	1.0	S

(11h 1m)

I 11168

(11h 1m)



11h 4m

11h 2m

11h 0m

MERGED FIELD; component Seq's: I 5207, I 5208.

FIELD CENTER: $11^{\text{h}}01^{\text{m}}39.0^{\text{s}}$ $38^{\circ}28'42''$ (B1950)
 $11^{\text{h}}04^{\text{m}}25.7^{\text{s}}$ $38^{\circ}12'31''$ (J2000)
 $l: 179.84$ $b: 65.03$

DATE: 1979/324 - 1980/138
 LIVETIME: 4172.3s

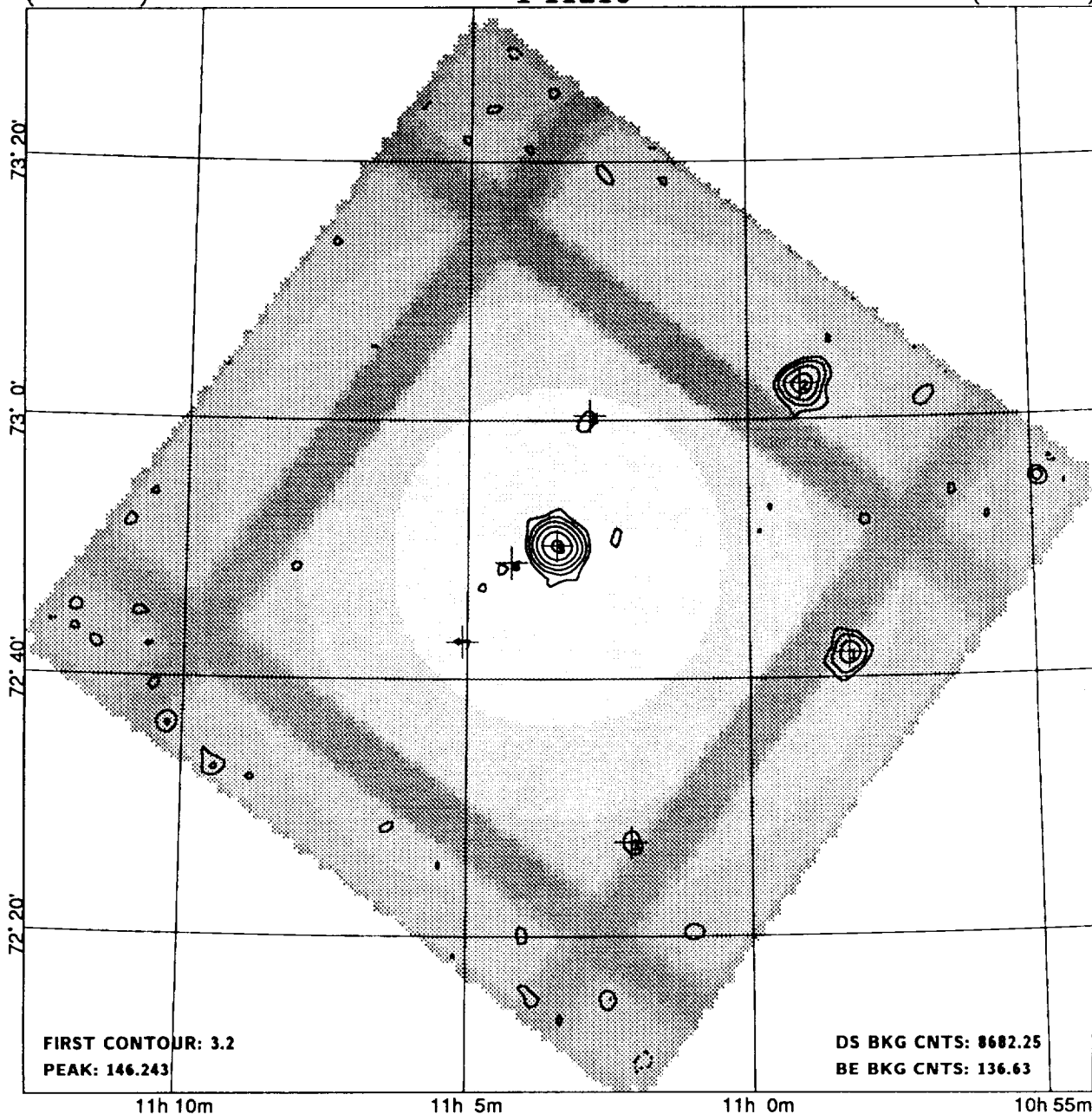
NH: $1.8\text{E}+20$
 REF/ID: !
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
2393	1L	11 01 41.0	38 28 46	31	3.375	0.042	10510.1	2278.9	80.6	1.5	0	0.3	*

(11h 3m)

I 11216

(11h 3m)



MERGED FIELD; component Seq's: I 1947, I 1948.

FIELD CENTER: $11^h 03^m 24.0^s$ $72^\circ 49' 59''$ (B1950)
 $11^h 06^m 48.6^s$ $72^\circ 33' 46''$ (J2000)
 $l: 133.24$ $b: 42.41$

DATE: 1979/117 - 1979/293
 LIVETIME: 7035.6s

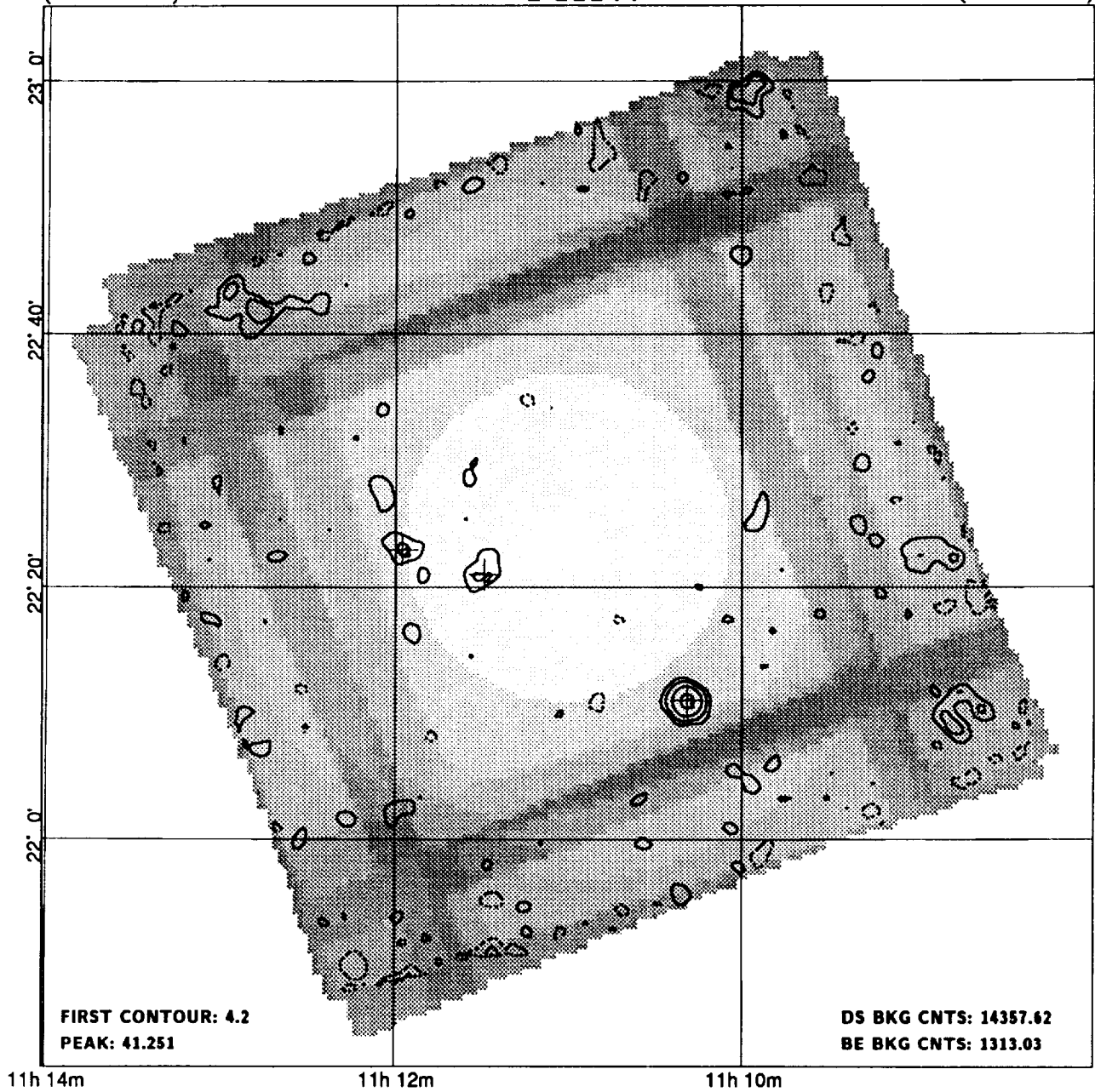
NH: $3.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2373	1	10 58 15.7	72 41 53	50	*0.0211	0.0028	66.4	12.6	7.5	0.9	806	24.1		Q
2377	2	10 59 03.9	73 02 48	48	*0.0401	0.0037	131.0	14.0	10.9	1.1	1309	22.8		AGN
0	3	11 02 06.3	72 27 16	56	*0.0060	0.0017	19.5	10.5	3.6	0.7	1609	23.3		
0	4	11 02 49.8	73 00 20	46	0.0058	0.0015	26.8	19.2	4.0	0.8	0	9.9		
2395	5	11 03 25.1	72 50 16	31	0.1074	0.0046	564.0	22.0	23.3	1.1	0	0.4		
0	6	11 04 13.6	72 48 59	37	0.0067	0.0015	33.9	22.1	4.5	0.8	0	4.3		
0	7	11 05 05.3	72 42 51	45	0.0052	0.0014	24.5	18.5	3.7	0.6	0	10.4		

(11h 11m)

I 11144

(11h 11m)



FIRST CONTOUR: 4.2
PEAK: 41.251

DS BKG CNTS: 14357.62
BE BKG CNTS: 1313.03

MERGED FIELD; component Seq's: I 2112, I 2113.

FIELD CENTER: $11^h 11^m 00.0^s$ $22^\circ 23' 59''$ (B1950)
 $11^h 13^m 39.4^s$ $22^\circ 07' 39''$ (J2000)
 $l: 220.26$ $b: 67.26$

DATE: 1979/341 - 1980/138
LIVETIME: 11634.4s

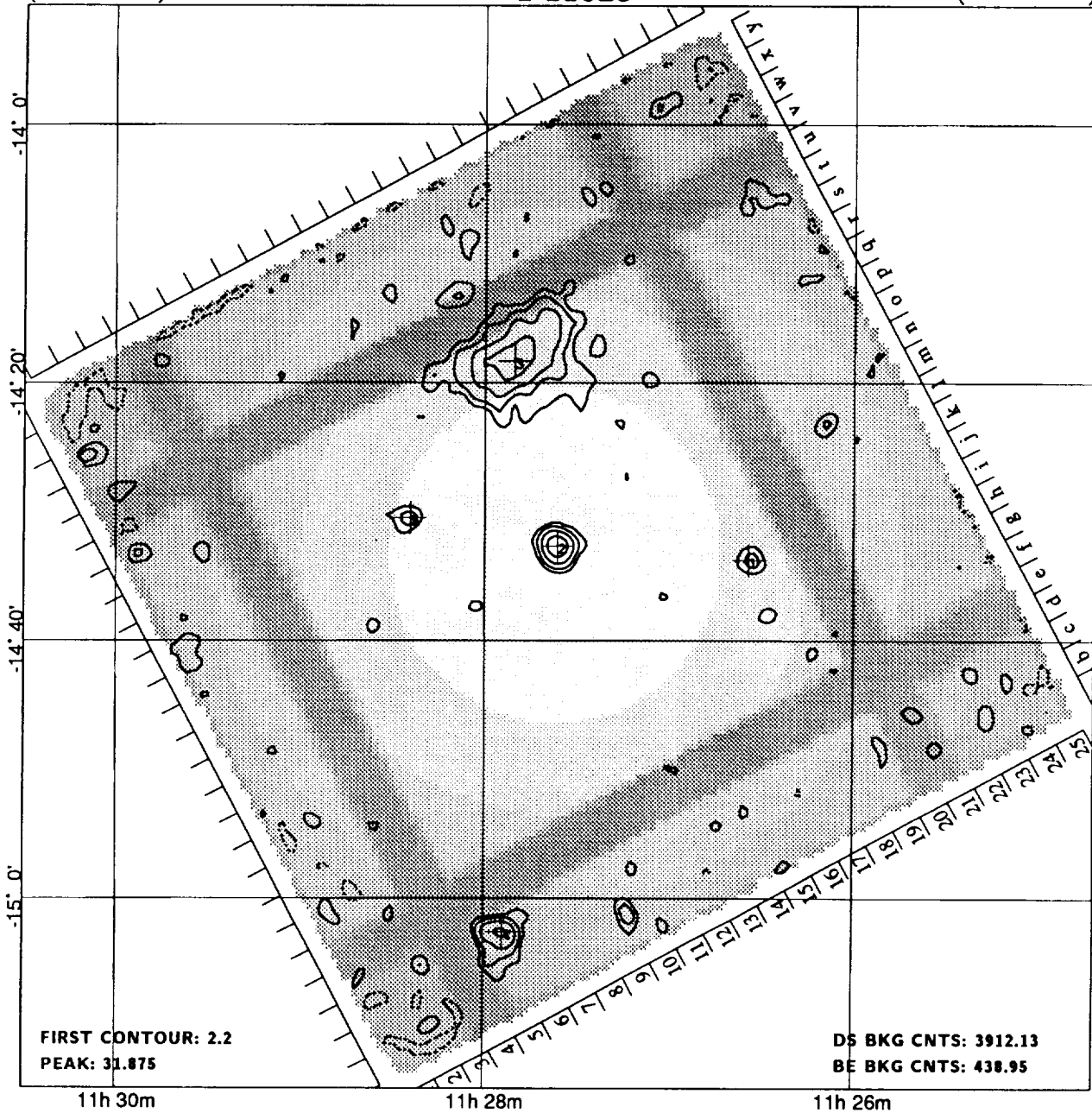
NH: $1.1E+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
2419	1	11 10 18.9	22 10 58	48	0.0198	0.0019	132.8	30.2	10.4	1.0	0	16.0	
0	2	11 11 29.3	22 20 59	44	0.0048	0.0011	38.6	38.4	4.4	0.9	0	7.6	
0	3	11 11 57.7	22 22 57	43	0.0045	0.0011	32.7	34.3	4.0	0.8	0	13.5	

(11h 27m)

I 11025

(11h 27m)



MERGED FIELD; component Seq's: I 7300, I 7301.

FIELD CENTER: $11^h 27^m 36.3^s$ $-14^\circ 32' 52''$ (B1950)
 $11^h 30^m 07.6^s$ $-14^\circ 49' 25''$ (J2000)
 $l: 275.28$ $b: 43.64$

DATE: 1980/ 1 - 1981/ 4
 LIVETIME: 3170.1s
 ROLL ANGLE: -118.3°

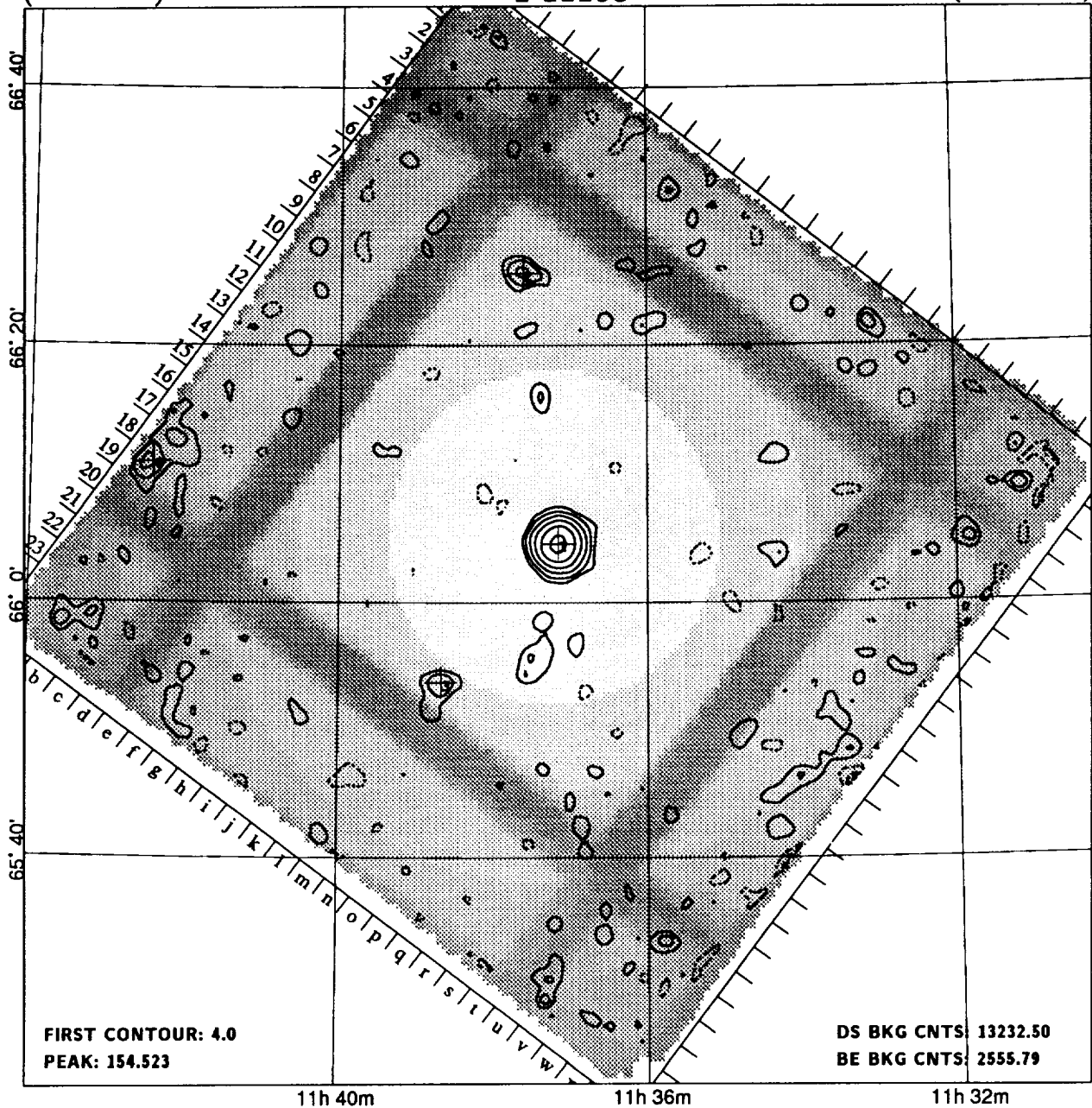
NH: $3.8E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
0	1	11 26 33.9	-14 33 49	55	0.0102	0.0028	19.0	9.0	3.6	0.6	0	15.4	
2471	2	11 27 36.2	-14 32 40	31	0.0457	0.0046	108.1	10.9	9.9	1.0	0	0.4	Q
2474	3	11 27 50.4	-14 18 20	48	0.0643	0.0061	119.2	8.8	10.5	3.8	0	15.1	
2473	4	11 27 53.8	-15 02 37	51	0.0352	0.0060	39.9	6.1	5.9	1.3	500	29.8	
0	5	11 28 24.3	-14 30 28	43	0.0093	0.0026	19.0	10.0	3.5	0.6	0	12.1	

(11h 37m)

I 11195

(11h 37m)



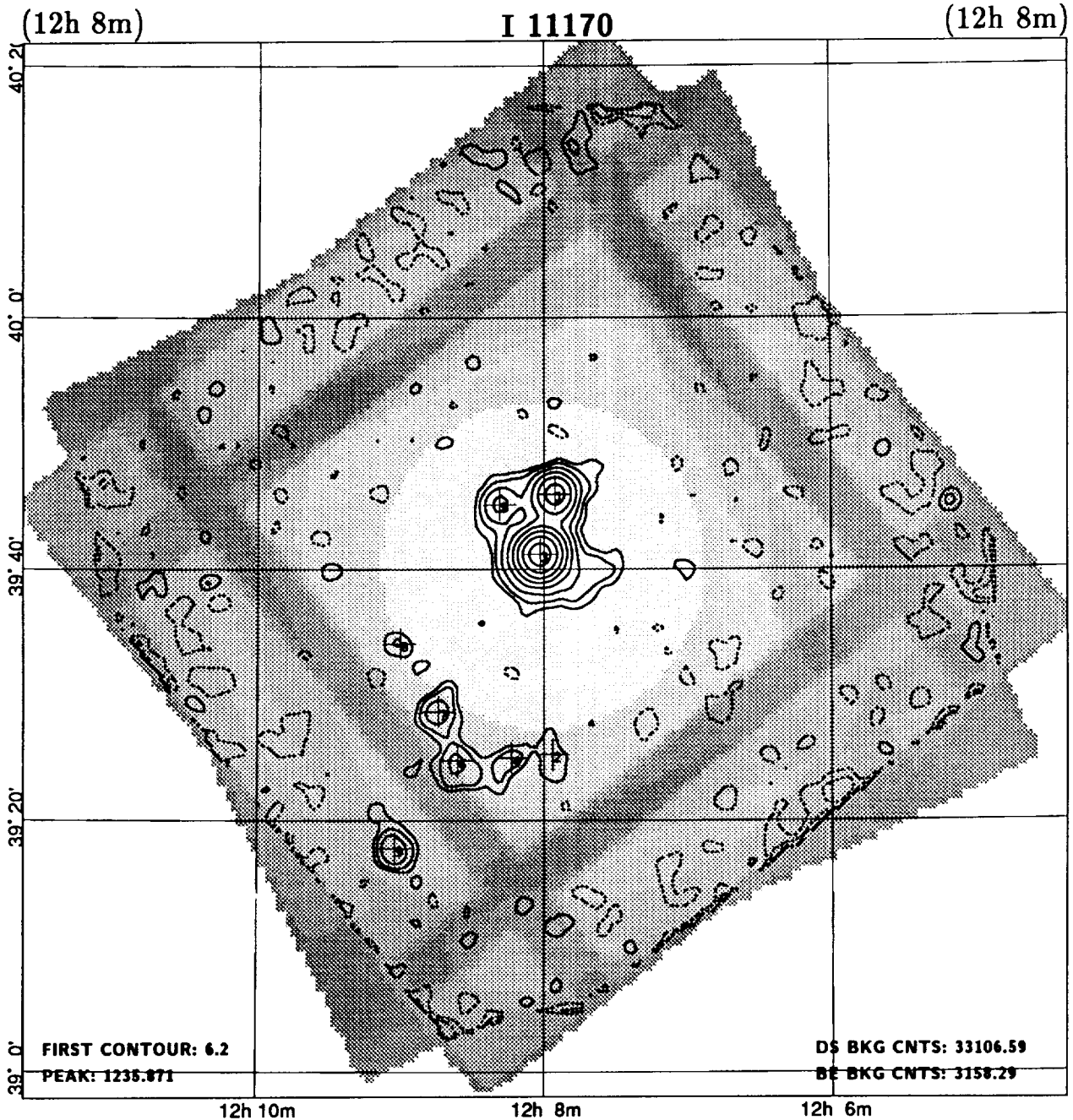
MERGED FIELD; component Seq's: I 485, I 5421.

FIELD CENTER: $11^h 37^m 09.3^s$ $66^\circ 04' 26''$ (B1950)
 $11^h 39^m 57.0^s$ $65^\circ 47' 49''$ (J2000)
 $l: 134.16$ $b: 49.74$

DATE: 1979/117 - 1980/113
 LIVETIME: 10722.8s
 ROLL ANGLE: 37.0°

NH: $1.0E+20$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
2503	1	11 37 09.5	66 04 31	31	0.0911	0.0035	728.4	39.6	26.3	1.3	0	0.2	Q
2505	2	11 37 37.0	66 25 34	51	0.0084	0.0016	44.9	29.1	5.2	0.9	0	21.1	
2510	3	11 38 40.3	65 53 40	41	0.0061	0.0013	39.3	31.7	4.7	1.0	300	14.2	
2519	4	11 42 24.8	66 10 54	56	*0.0097	0.0023	29.8	19.2	4.3	1.8	801	32.6	



MERGED FIELD; component Seq's: I 352, I 353.

FIELD CENTER: 12^h08^m00.0^s 39°39'59" (B1950)
12^h10^m31.5^s 39°23'18" (J2000)
ℓ: 155.13 b: 75.07

DATE: 1979/138 - 1979/347
LIVETIME: 26827.3s

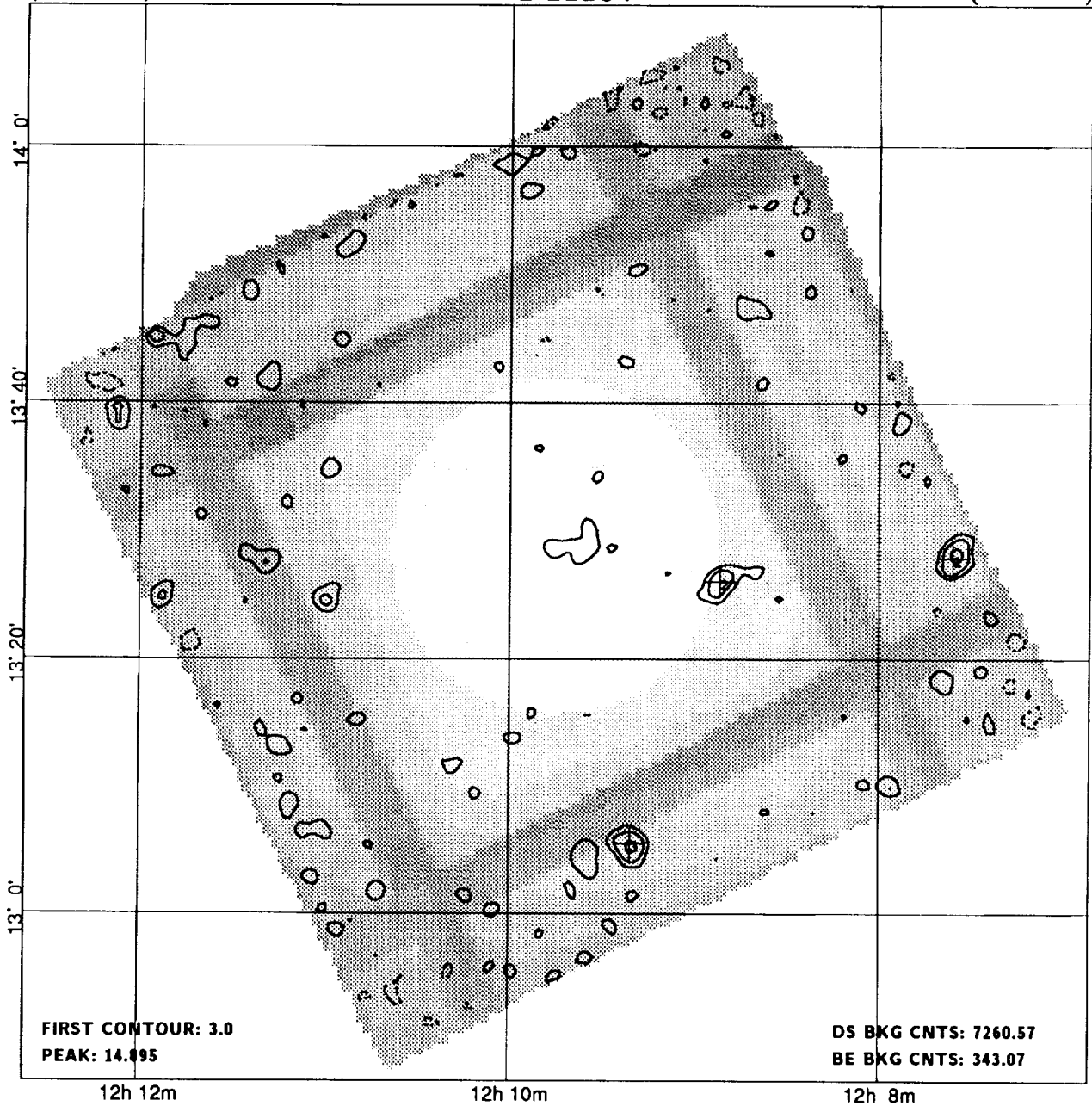
NH: 2.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2600	1	12 07 55.3	39 45 56	37	0.0589	0.0018	1121.9	88.1	32.3	7.2	0	6.1		AGN
2601	2	12 07 56.3	39 25 15	47	0.00263	0.00066	41.7	68.3	4.0	9.7	0	14.3		
2603	3	12 08 01.6	39 41 10	31	0.2603	0.0036	5209.0	92.0	71.5	1.7	0	1.3		SY
2605	4	12 08 13.6	39 24 59	51	0.00410	0.00075	64.1	74.9	5.4	7.0	0	15.3		
2606	5	12 08 18.5	39 45 07	38	0.01261	0.00096	239.8	92.2	13.2	33.2	0	6.3		G
2607	6	12 08 36.1	39 24 45	50	0.00617	0.00084	92.8	68.2	7.3	4.3	0	16.6		S
2608	7	12 08 44.3	39 28 41	38	0.00884	0.00092	142.7	77.3	9.6	3.3	0	14.1		CLG
0	8	12 09 00.2	39 34 06	43	0.00273	0.00066	45.7	74.3	4.2	0.6	0	13.2		
2611	9	12 09 02.4	39 17 47	50	0.0104	0.0011	118.3	50.7	9.1	1.1	0	25.1		

(12h 9m)

I 11104

(12h 9m)



MERGED FIELD; component Seq's: I 6974, I 6975.

FIELD CENTER: $12^h 09^m 44.4^s$ $13^\circ 28' 59''$ (B1950)
 $12^h 12^m 17.4^s$ $13^\circ 12' 18''$ (J2000)
 $l: 267.68$ $b: 73.34$

DATE: 1979/340 - 1980/176
 LIVETIME: 5883.4s

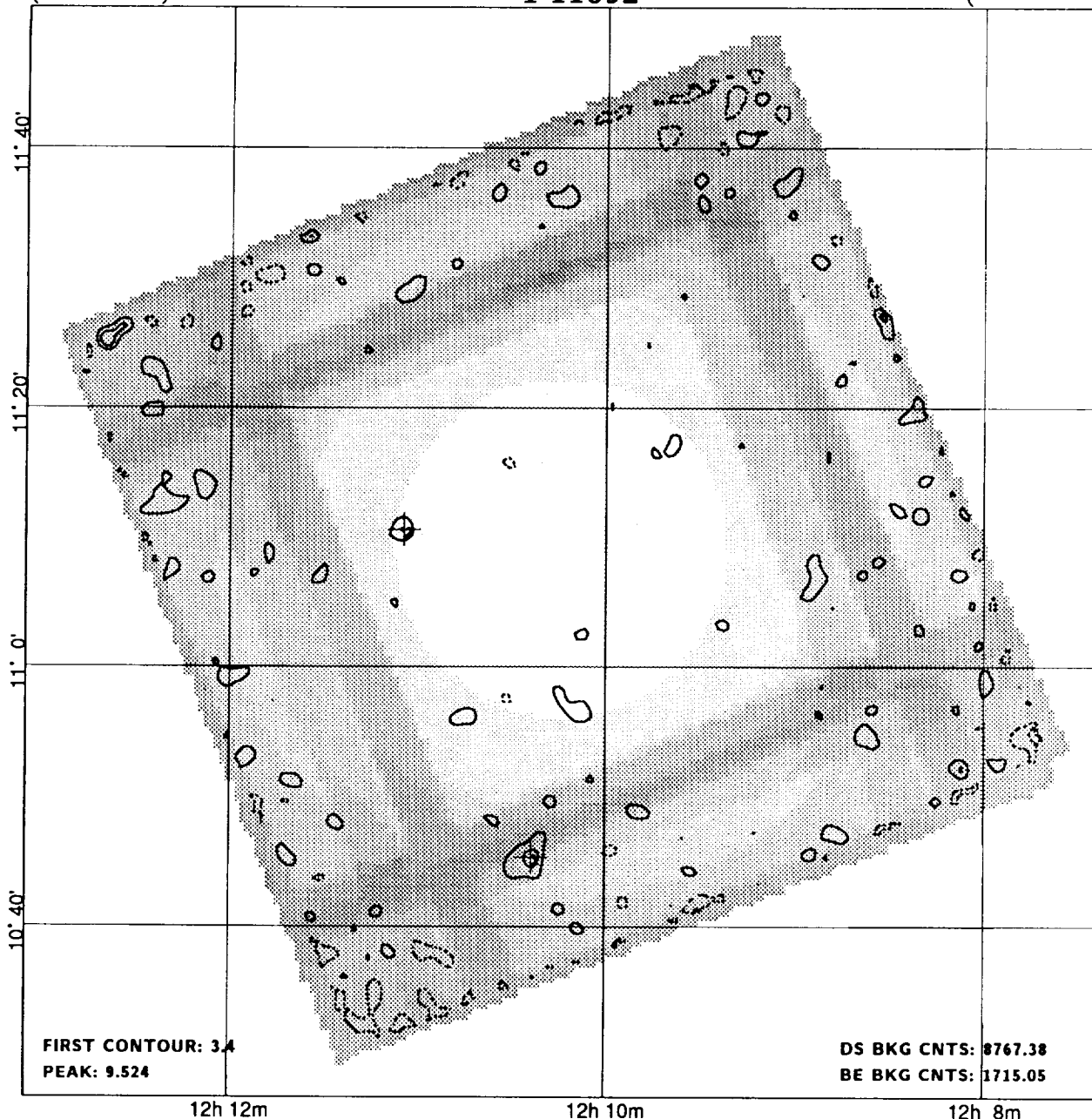
NH: $2.6E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
0	1	12 07 36.1	13 27 57	55	0.0138	0.0033	26.8	13.2	4.2	1.0	0	31.1	
2609	2	12 08 51.6	13 26 07	42	0.0088	0.0019	32.2	15.8	4.7	1.1	0	13.2	
2613	3	12 09 20.5	13 05 29	51	*0.0128	0.0025	33.9	11.1	5.1	0.9	501	24.1	

(12h 10m)

I 11092

(12h 10m)



12h 12m

12h 10m

12h 8m

MERGED FIELD; component Seq's: I 6976, I 6977.

FIELD CENTER: $12^h 10^m 13.8^s$ $11^\circ 08' 47''$ (B1950)
 $12^h 12^m 46.9^s$ $10^\circ 52' 07''$ (J2000)
 $l: 271.86$ $b: 71.37$

DATE: 1979/350 - 1990/177
 LIVETIME: 7104.5s

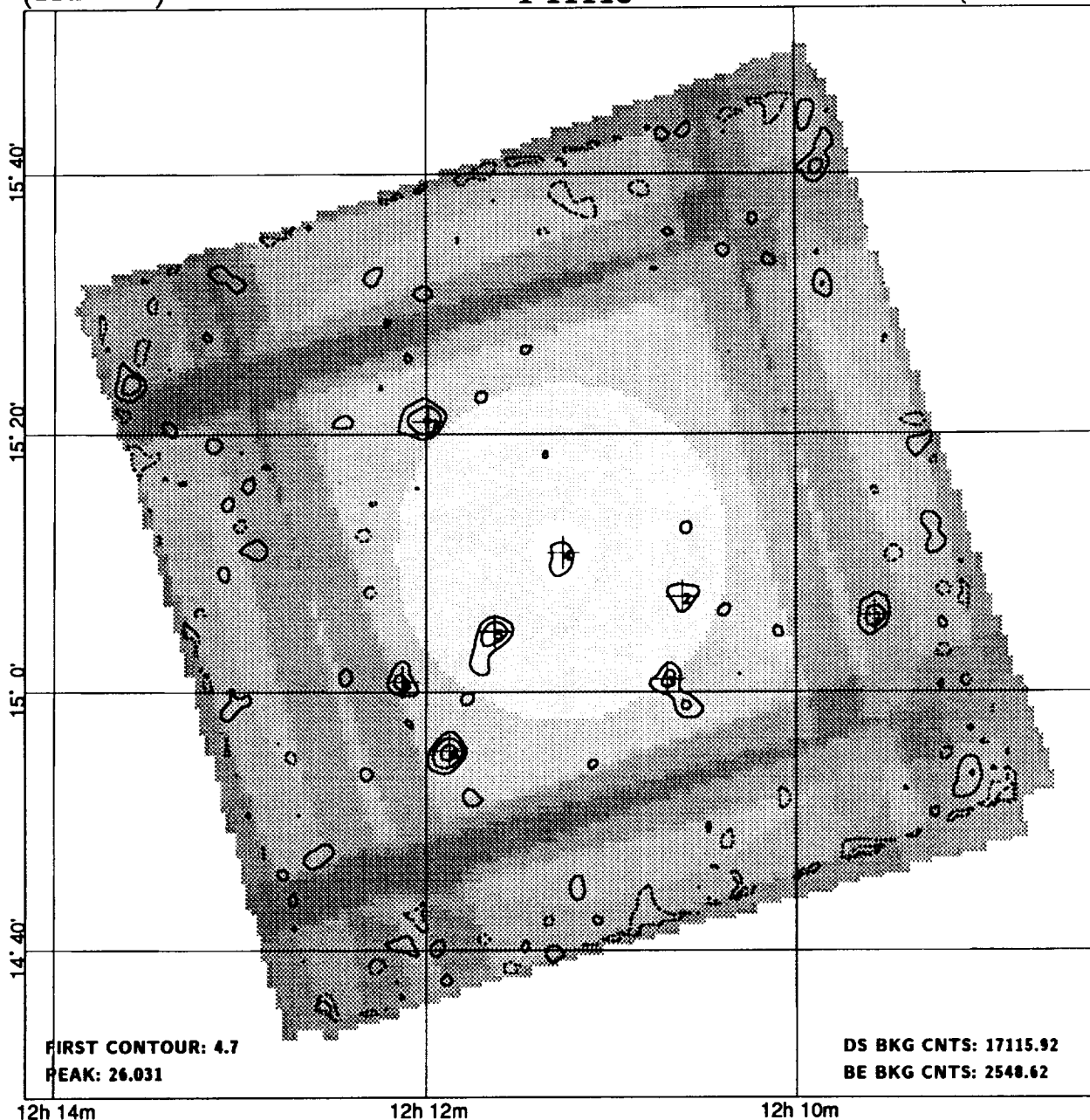
NH: 2.0E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
2615	1	12 10 23.5	10 45 20	66	*0.0069	0.0018	21.9	10.1	3.9	1.0	804	23.5	
0	2	12 11 04.6	11 10 37	46	0.0054	0.0015	24.4	20.6	3.6	0.5	0	12.5	

(12h 11m)

I 11113

(12h 11m)



12h 14m

12h 12m

12h 10m

MERGED FIELD; component Seq's: I 6978, I 6979.

FIELD CENTER: $12^{\text{h}}11^{\text{m}}15.6^{\text{s}}$ $15^{\circ}10'47''$ (B1950)
 $12^{\text{h}}13^{\text{m}}48.3^{\text{s}}$ $14^{\circ}54'07''$ (J2000)
 $l: 265.43$ $b: 74.96$

DATE: 1979/350 - 1980/177
 LIVETIME: 13869.6s

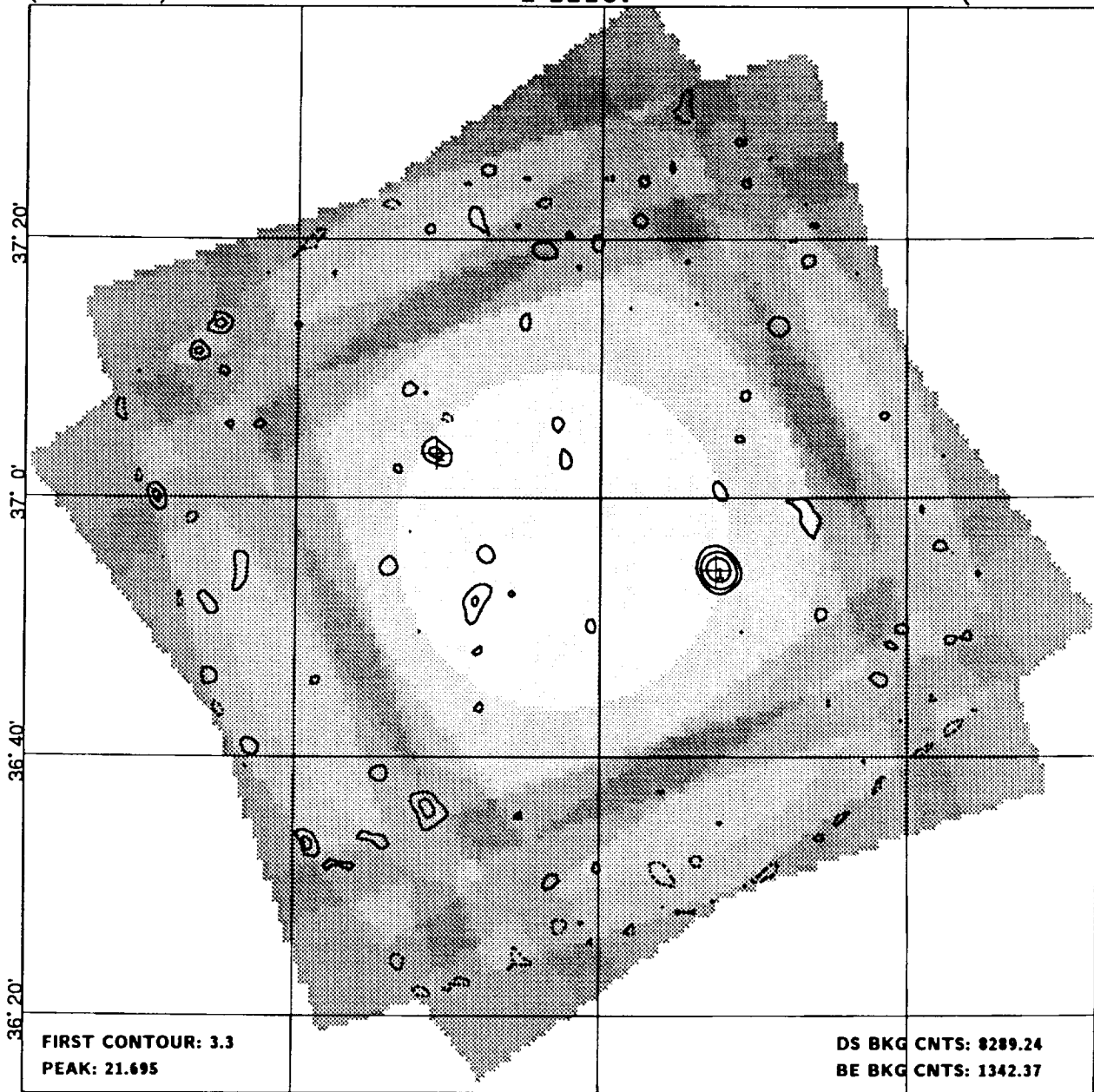
NH: $2.7\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
2614	1	12 09 34.6	15 06 01	60	0.0060	0.0013	36.4	25.6	4.6	0.9	0	24.1	
0	2	12 10 36.8	15 07 27	45	0.00406	0.00098	37.7	45.3	4.1	0.6	0	10.0	
0	3	12 10 41.7	15 00 58	42	0.0045	0.0011	39.4	45.6	4.3	1.2	0	12.7	
0	4	12 11 15.6	15 10 50	37	0.00318	0.00088	33.0	50.0	3.6	0.7	0	0.4	
2619	5	12 11 37.8	15 04 47	41	0.0062	0.0011	58.8	47.2	5.7	1.0	0	8.5	
2622	6	12 11 52.5	14 55 31	50	0.0083	0.0013	63.2	37.8	6.3	0.8	0	17.5	
2624	7	12 11 59.2	15 20 56	41	0.0074	0.0012	61.9	43.1	6.0	1.0	0	14.7	
2625	8	12 12 07.7	15 00 45	55	0.0044	0.0011	35.4	36.6	4.2	0.7	0	15.9	

(12h 12m)

I 11167

(12h 12m)



12h 14m

12h 12m

12h 10m

MERGED FIELD; component Seq's: I 7816, I 7817.

FIELD CENTER: $12^h 12^m 16.0^s$ $36^\circ 55' 59''$ (B1950)
 $12^h 14^m 46.8^s$ $36^\circ 39' 19''$ (J2000)
 $l: 159.83$ $b: 77.71$

DATE: 1980/144 - 1980/177
 LIVETIME: 6717.0s

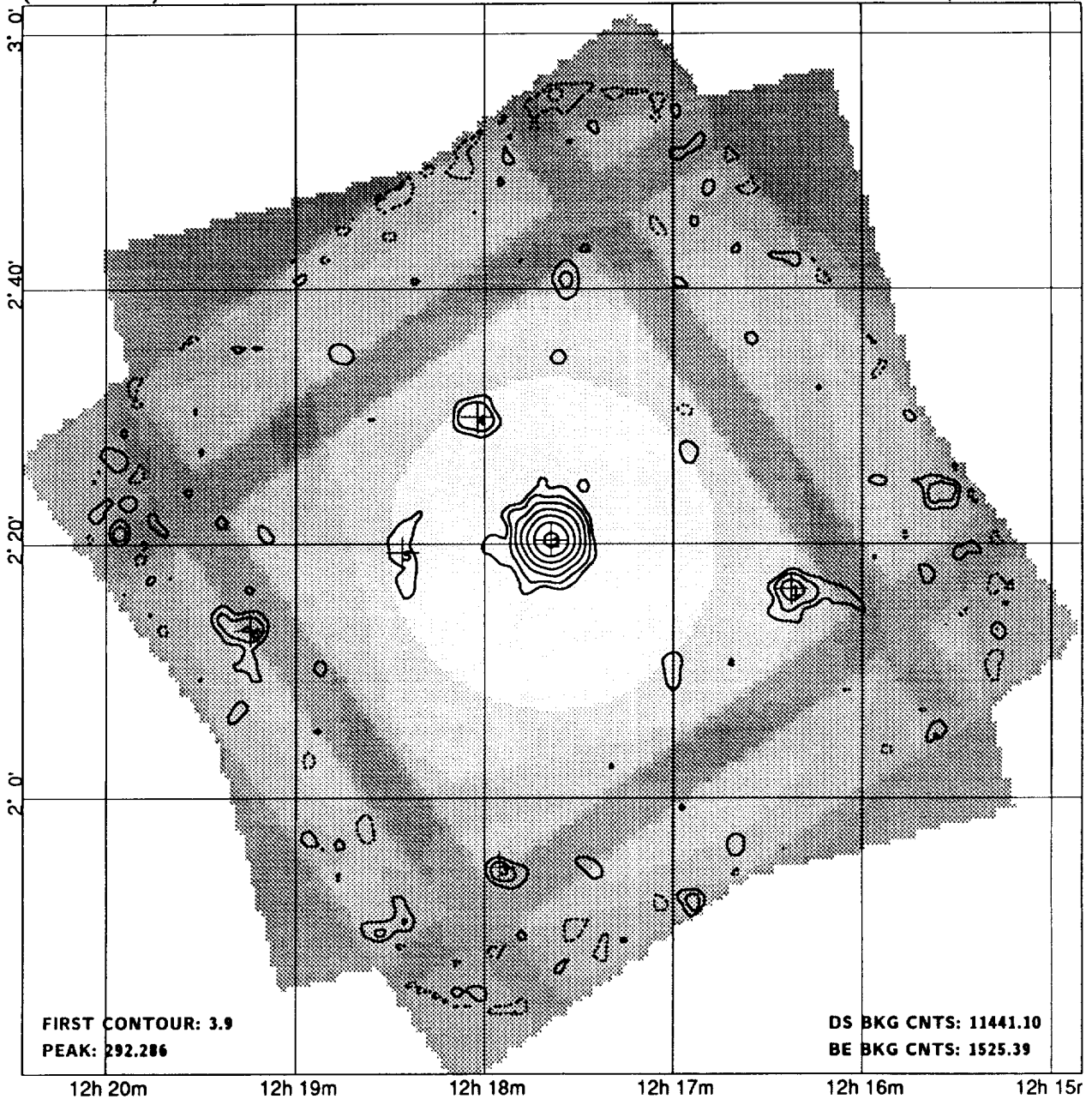
NH: 1.7E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
2617	1	12 11 14.6	36 54 23	41	0.0174	0.0023	74.1	19.9	7.6	1.0	0	12.2	
0	2	12 13 05.0	37 03 30	44	0.0058	0.0016	25.0	20.0	3.7	0.6	0	12.1	

(12h 17m)

I 11066

(12h 17m)



MERGED FIELD; component Seq's: I 532, I 5423, I 9610, I 9611, I 9612, I 9613.

FIELD CENTER: $12^h 17^m 38.3^s$ $02^\circ 20' 20''$ (B1950)
 $12^h 20^m 11.8^s$ $02^\circ 03' 42''$ (J2000)
 $l: 284.99$ $b: 63.84$

DATE: 1979/171 - 1980/349
 LIVETIME: 9271.1s

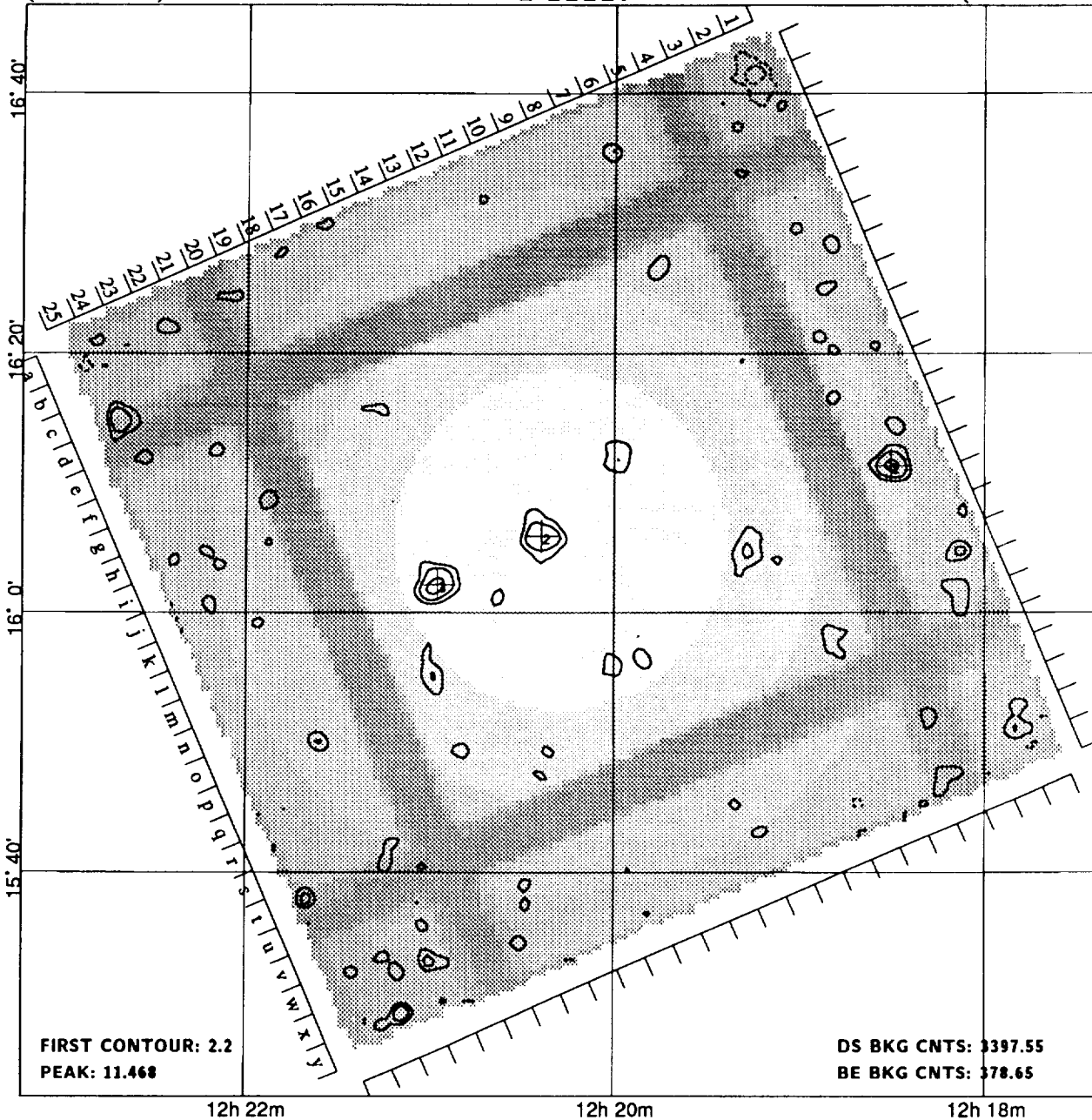
NH: 1.9E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
2652	1	12 16 22.4	02 16 30	50	0.0128	0.0019	62.3	23.7	6.7	1.5	0	19.1	
2661	2	12 17 38.9	02 20 19	31	0.1926	0.0053	1332.3	32.7	36.1	1.5	0	0.2	Q
0	3	12 17 55.2	01 54 38	55	*0.0059	0.0016	23.1	16.9	3.6	0.9	501	26.1	
2663	4	12 18 02.3	02 29 59	41	0.0104	0.0016	62.5	29.5	6.5	1.0	0	11.6	
0	5	12 18 26.2	02 19 18	48	0.0048	0.0013	28.3	27.7	3.8	1.5	0	11.9	
0	6	12 19 14.4	02 13 15	52	*0.0095	0.0019	38.0	20.0	5.0	1.4	502	25.1	

(12h 20m)

I 11117

(12h 20m)



MERGED FIELD; component Seq's: I 4300, I 4301.

FIELD CENTER: $12^h 20^m 18.0^s$ $16^\circ 04' 47''$ (B1950)
 $12^h 22^m 49.9^s$ $15^\circ 48' 10''$ (J2000)
 $l: 271.10$ $b: 76.87$

DATE: 1979/168 - 1979/178
 LIVETIME: 2753.1s
 ROLL ANGLE: 66.7°

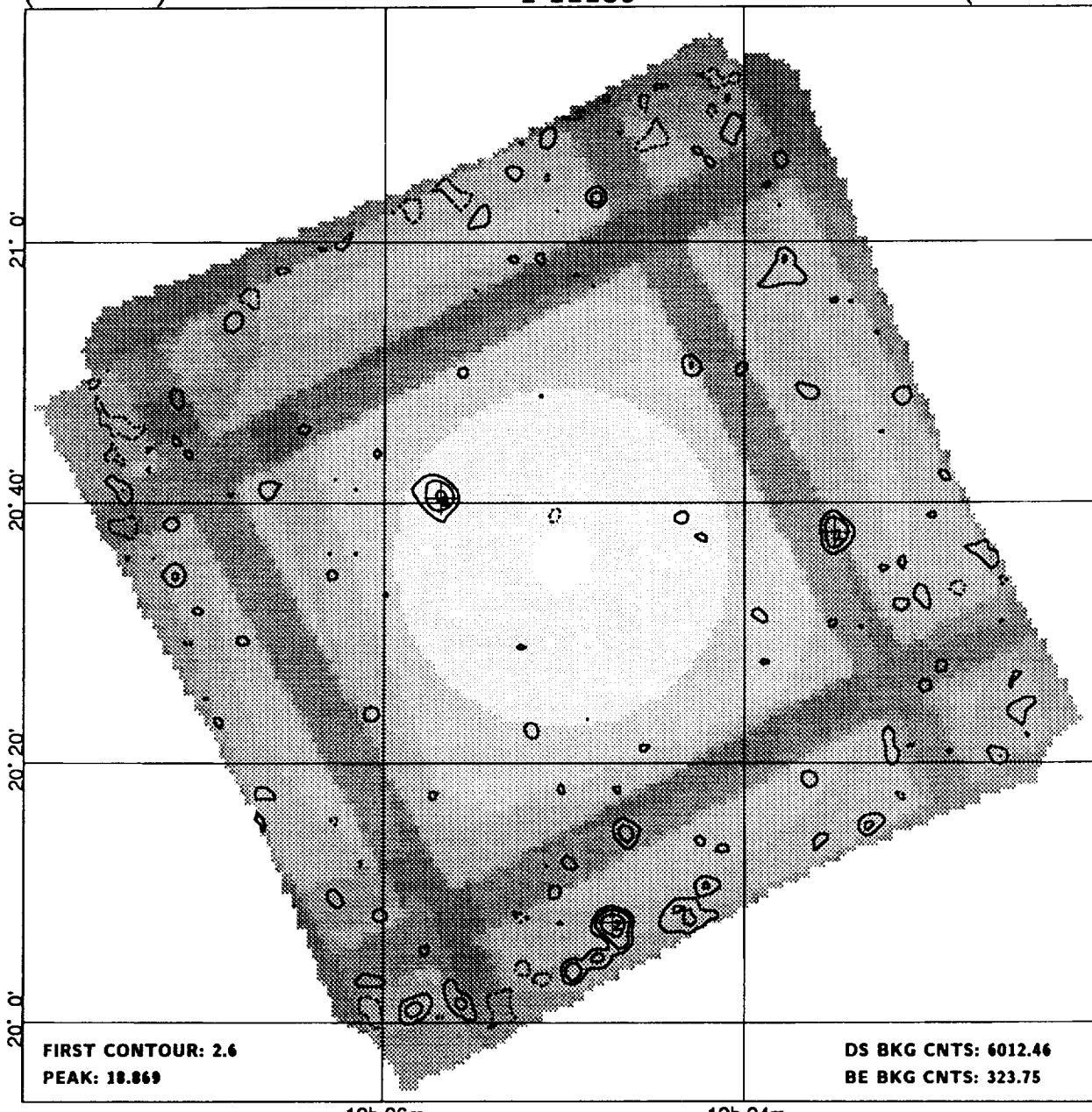
NH: $2.4E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
2668	1	12 18 30.2	16 11 20	52	0.0197	0.0047	22.0	6.0	4.2	0.8	0	26.9	
2684	2	12 20 23.8	16 05 57	35	0.0177	0.0034	36.1	10.9	5.3	1.0	0	1.9	G
2688	3	12 20 57.8	16 02 09	41	0.0219	0.0038	39.9	8.1	5.8	0.9	0	10.1	Q

(12h 25m)

I 11139

(12h 25m)



12h 26m

12h 24m

MERGED FIELD; component Seq's: I 1995, I 1996.

FIELD CENTER: $12^h 25^m 00.0^s$ $20^\circ 35' 59''$ (B1950)
 $12^h 27^m 30.9^s$ $20^\circ 19' 24''$ (J2000)
 $l: 262.86$ $b: 81.27$

DATE: 1979/181 - 1979/349
 LIVETIME: 4872.1s

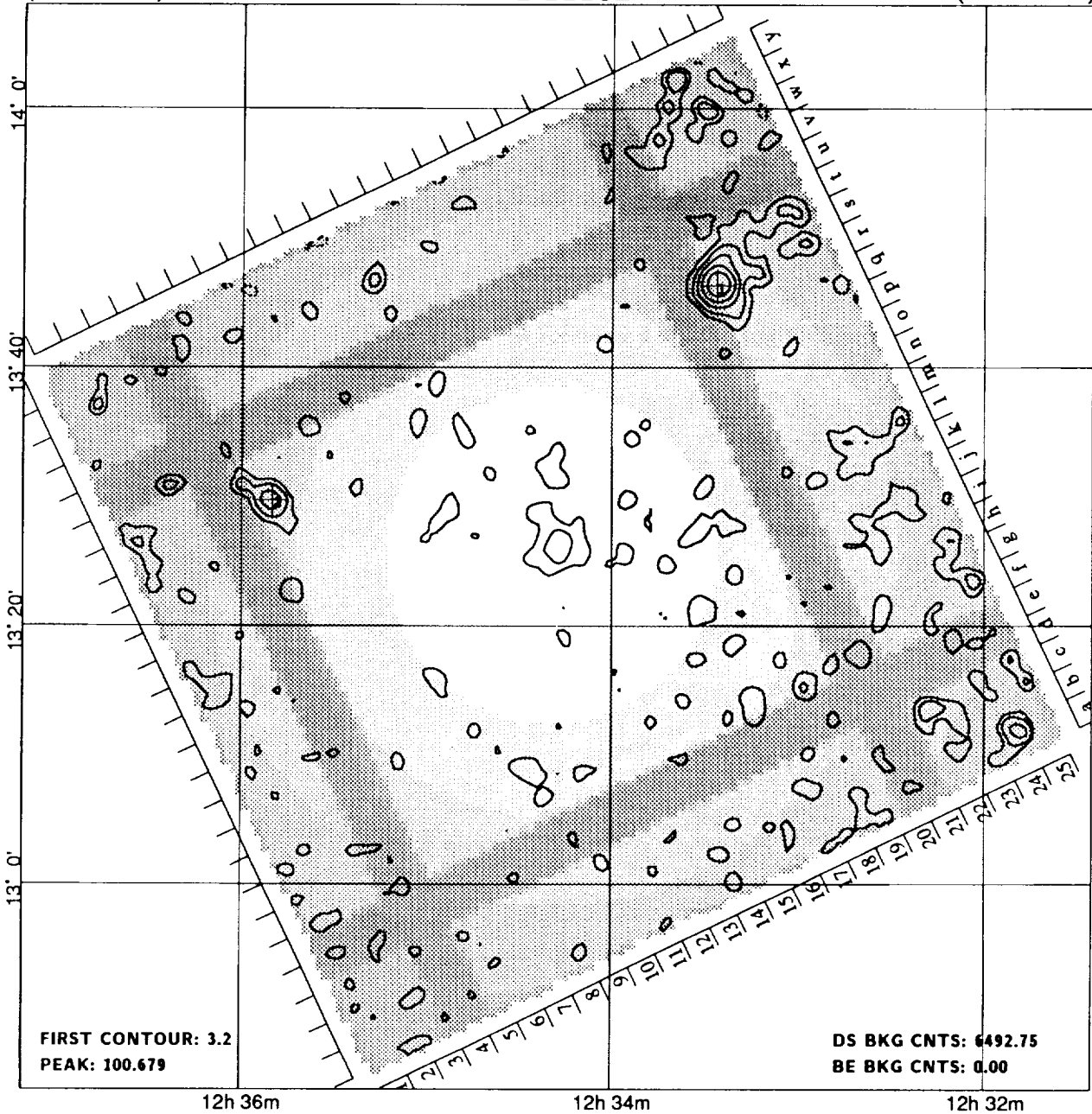
NH: $2.6E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID FLG
2704	1	12 23 30.0	20 37 42	55	*0.0106	0.0024	25.5	7.5	4.4	0.8	303	21.3		
2711	2	12 24 43.7	20 07 41	51	0.0194	0.0037	35.8	10.2	5.3	1.3	0	28.6		
2721	3	12 25 41.2	20 40 22	41	0.0113	0.0022	36.5	15.5	5.1	0.9	0	10.9		

(12h 34m)

I 11102

(12h 34m)



MERGED FIELD; component Seq's: I 4045, I 4314.

FIELD CENTER: $12^h 34^m 18.0^s$ $13^\circ 25' 59''$ (B1950)
 $12^h 36^m 49.3^s$ $13^\circ 09' 29''$ (J2000)
 $l: 288.46$ $b: 75.62$

DATE: 1979/352 - 1979/353
 LIVETIME: 5261.3s
 ROLL ANGLE: -115.7°

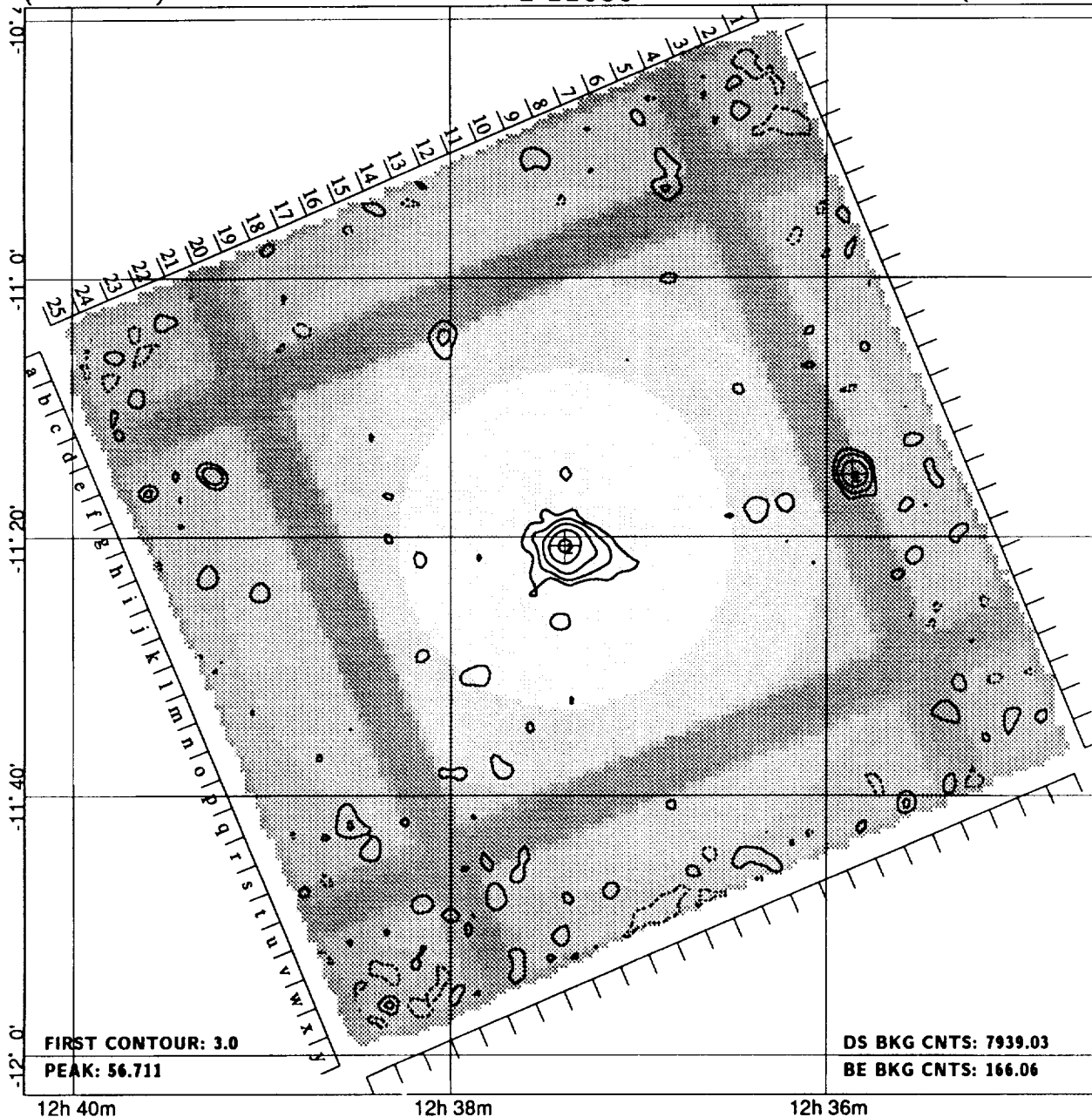
NH: $2.5E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	FLG
2789	1L	12 33 26.1	13 46 16	47	*0.0910	0.0081	209.2	21.4	11.0	1.4	702	23.8		
0	2L	12 35 50.2	13 29 43	51	0.0149	0.0036	36.8	17.2	4.0	1.2	200	22.7		

(12h 37m)

I 11033

(12h 37m)



MERGED FIELD; component Seq's: I 2127, I 2128.

FIELD CENTER: $12^{\text{h}}37^{\text{m}}24.0^{\text{s}}$ $-11^{\circ}20'59''$ (B1950)
 $12^{\text{h}}40^{\text{m}}00.0^{\text{s}}$ $-11^{\circ}37'27''$ (J2000)
 $l: 298.46$ $b: 51.15$

DATE: 1979/178 - 1980/202
 LIVETIME: 6433.3s
 ROLL ANGLE: 67.1°

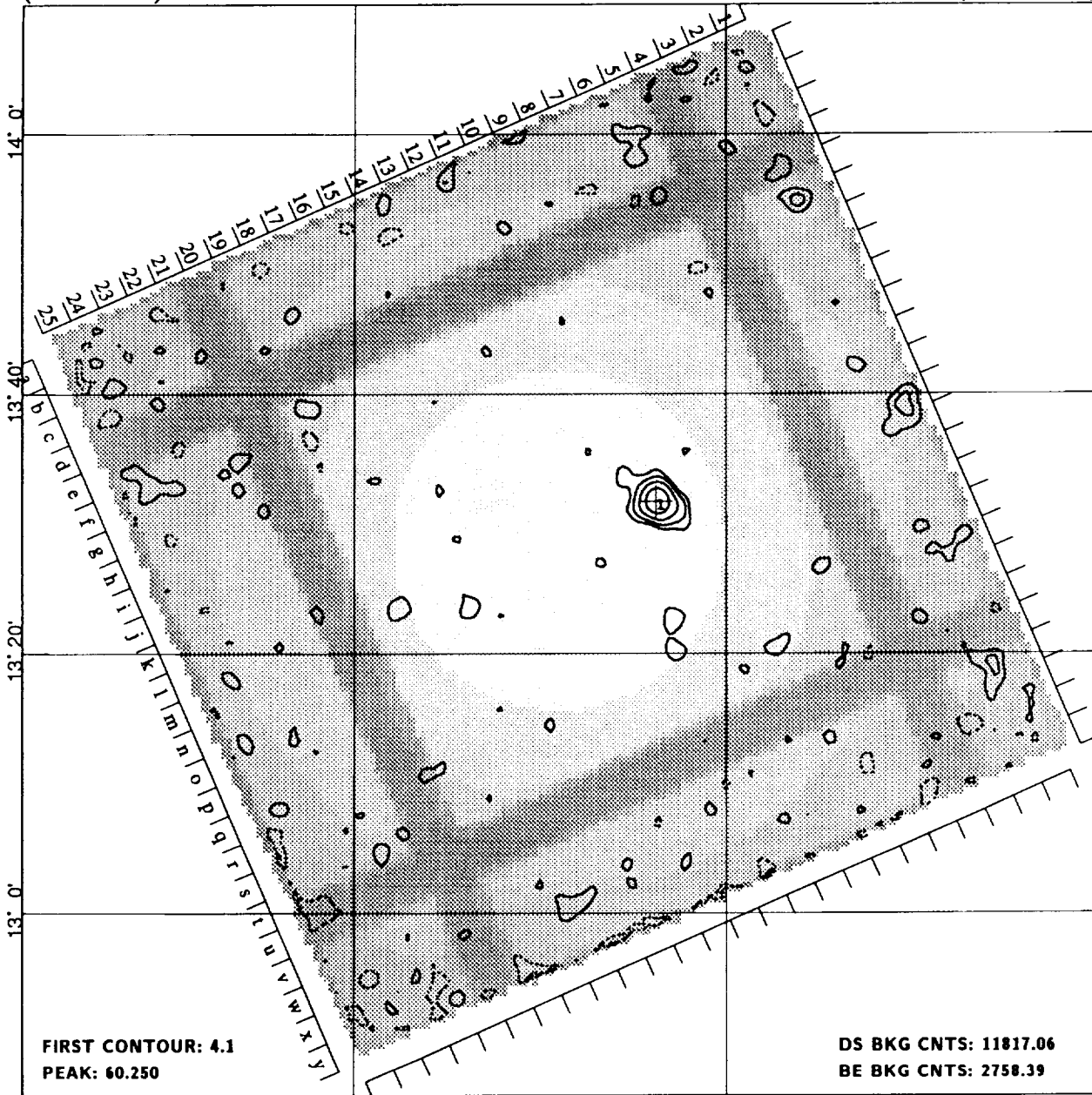
NH: $3.8\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE \pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
2806	1	12 35 51.9	-11 15 07	50	*0.0183 0.0027	54.5	10.5	6.8	1.0	1007	23.3	S
2814	2	12 37 23.6	-11 20 41	31	0.0497 0.0034	238.5	19.5	14.8	1.6	0	0.4	G

(12h 40m)

I 11103

(12h 40m)



12h 42m

12h 40m

MERGED FIELD; component Seq's: I 7013, I 7014.

FIELD CENTER: $12^{\text{h}}40^{\text{m}}54.0^{\text{s}}$ $13^{\circ}27'56''$ (B1950)
 $12^{\text{h}}43^{\text{m}}24.8^{\text{s}}$ $13^{\circ}11'31''$ (J2000)
 $l: 294.87$ $b: 75.94$

DATE: 1980/179 - 1980/180
 LIVETIME: 9575.7s
 ROLL ANGLE: 66.5°

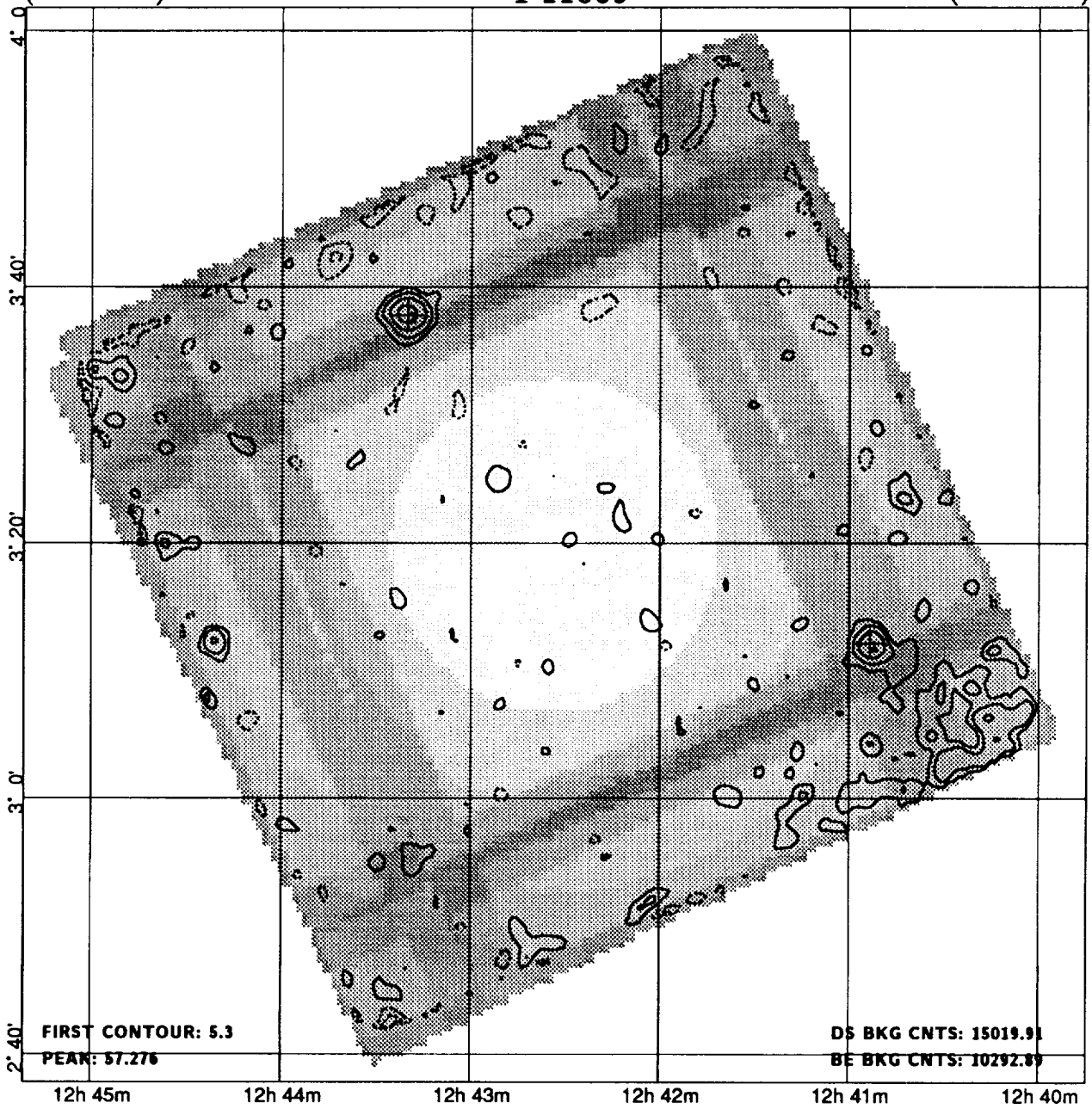
NH: 2.3E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm ''	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
2830	1	12 40 22.6	13 31 43	38	0.0322	0.0024	211.1	36.9	13.4	1.2	0	8.5	

(12h 42m)

I 11069

(12h 42m)



MERGED FIELD; component Seq's: I 7016, I 7017.

FIELD CENTER: $12^{\text{h}}42^{\text{m}}33.0^{\text{s}}$ $03^{\circ}19'47''$ (B1950)
 $12^{\text{h}}45^{\text{m}}06.0^{\text{s}}$ $03^{\circ}03'24''$ (J2000)
 $l: 299.06$ $b: 65.88$

DATE: 1980/178 - 1980/347
 LIVETIME: 12171.2s

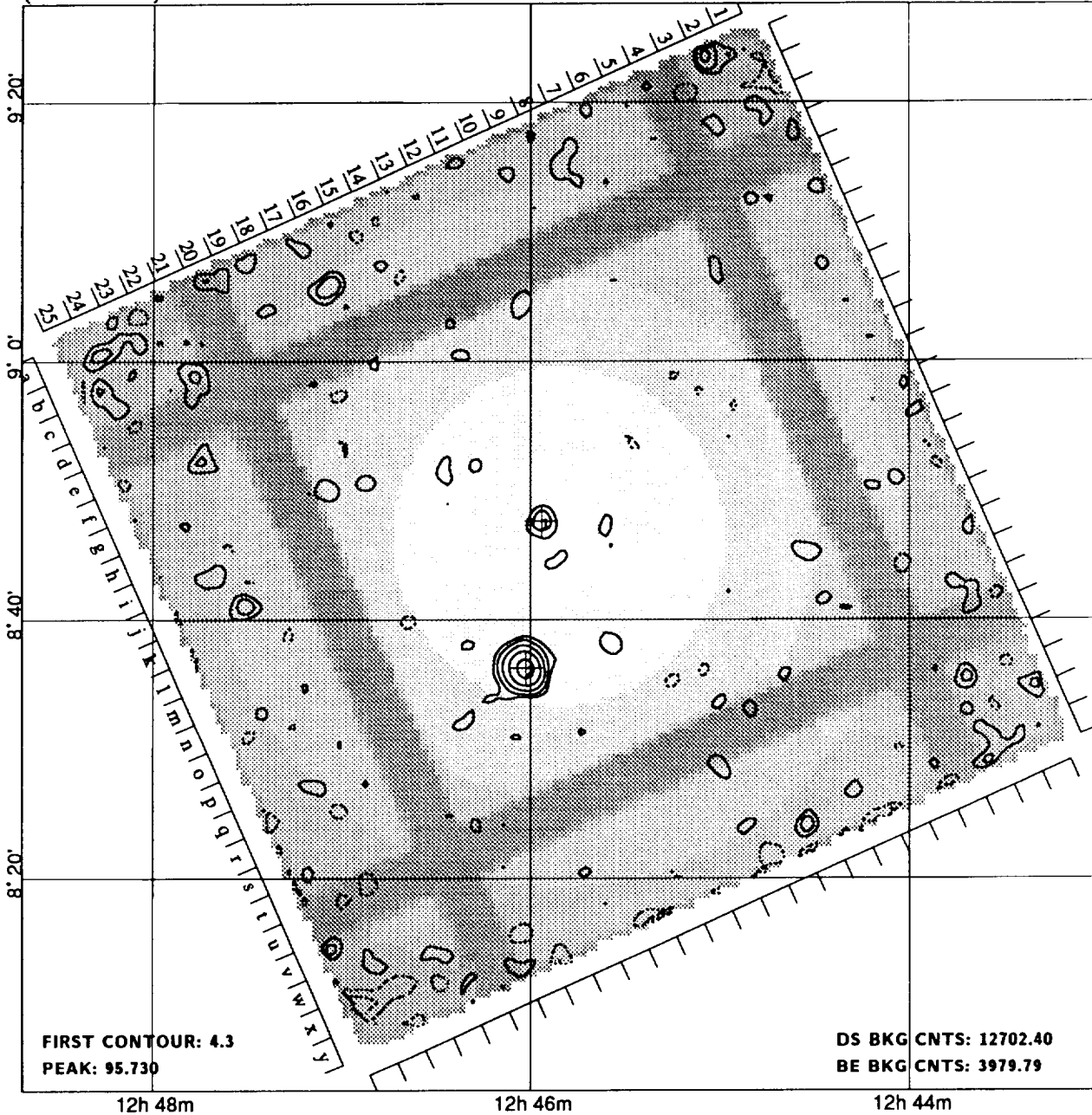
NH: $1.9\text{E}+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
2833	1L	12 40 53.3	03 12 12	50	*0.0157	0.0033	79.3	34.1	4.6	1.3	704	26.0	S
2851	2L	12 43 20.2	03 37 48	48	*0.0247	0.0034	147.0	45.0	7.2	1.1	702	21.5	

(12h 45m)

I 11082

(12h 45m)



MERGED FIELD; component Seq's: I 7022, I 7023.

FIELD CENTER: $12^h 45^m 51.6^s$ $08^\circ 45' 35''$ (B1950)
 $12^h 48^m 23.3^s$ $08^\circ 29' 14''$ (J2000)
 $l: 300.57$ $b: 71.35$

DATE: 1980/178 - 1980/179
 LIVETIME: 10293.2s
 ROLL ANGLE: 66.1°

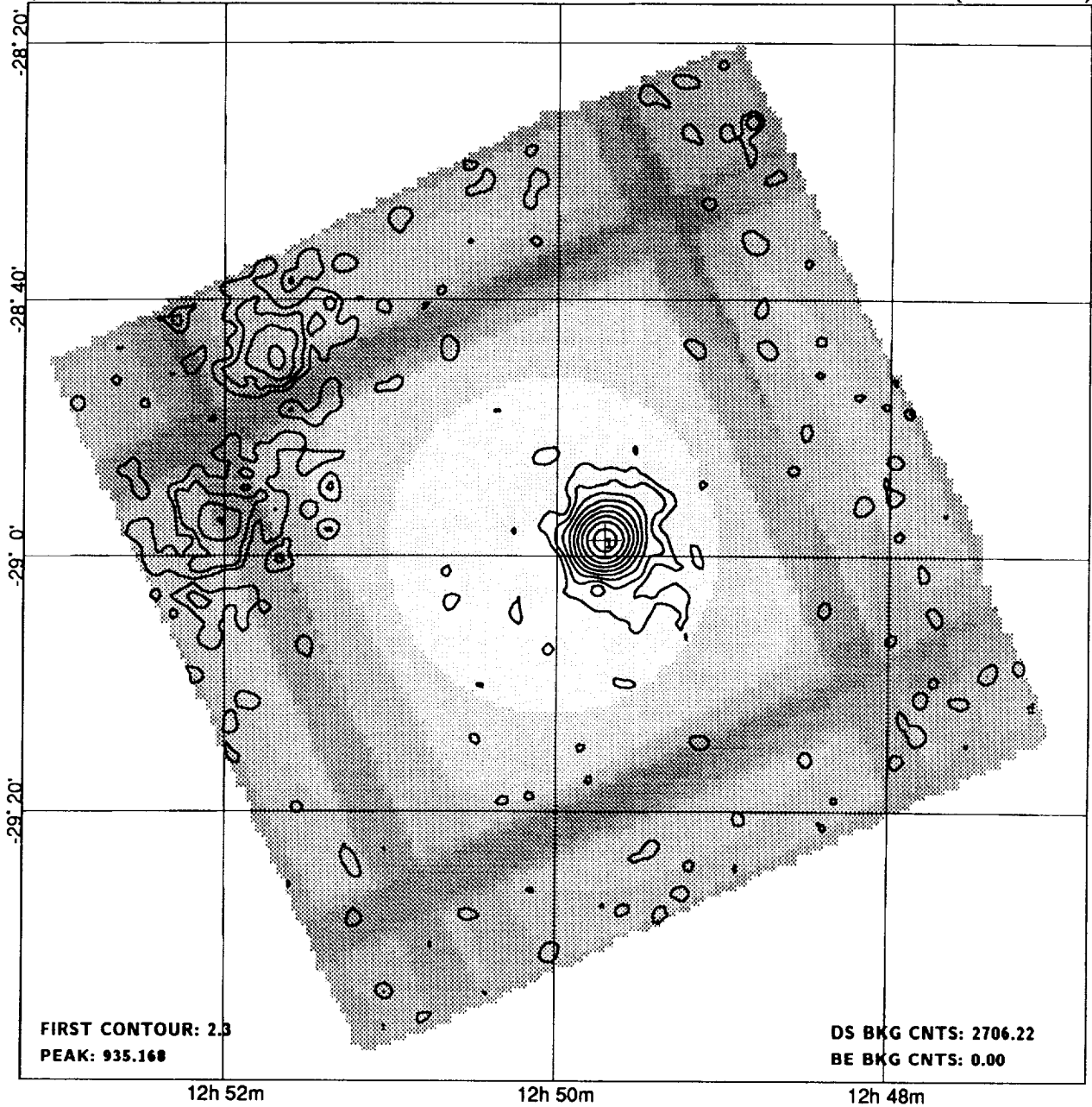
NH: $1.8E+20$
 REF/ID: !
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
0	1L	12 45 56.5	08 47 40	35	0.0059	0.0016	44.6	48.4	3.6	0.7	0	2.5	G
2861	2L	12 46 01.5	08 36 17	38	0.0441	0.0033	299.8	72.2	13.3	1.1	0	9.7	

(12h 50m)

I 11012

(12h 50m)



MERGED FIELD; component Seq's: I 2267, I 2268.

FIELD CENTER: $12^h 50^m 00.0^s$ $-28^\circ 58' 59''$ (B1950)
 $12^h 52^m 42.0^s$ $-29^\circ 15' 17''$ (J2000)
 $l: 303.26$ $b: 33.62$

DATE: 1979/ 13 - 1980/206
 LIVETIME: 2192.9s

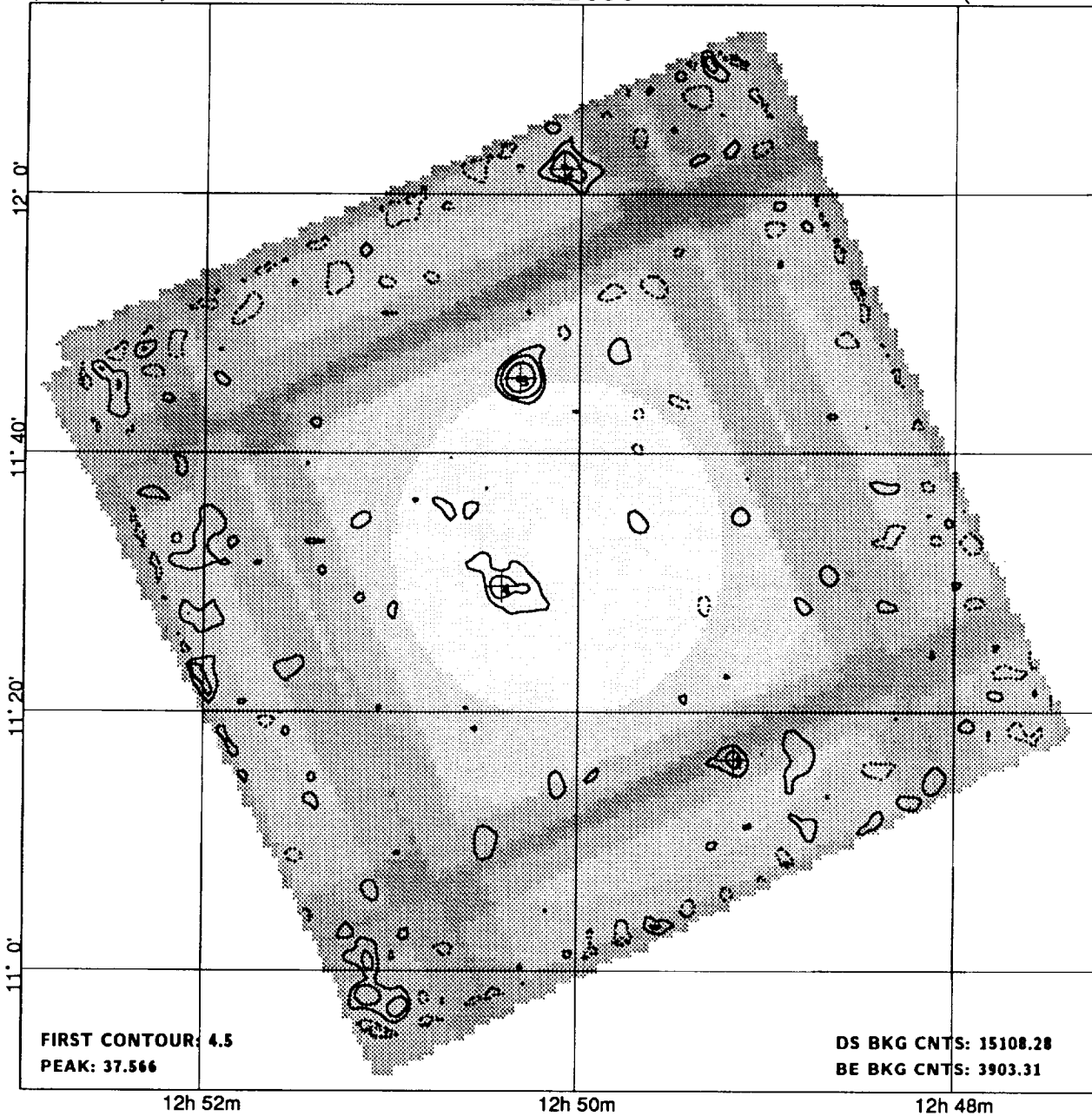
NH: $6.2E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2876	1L	12 49 42.7	-28 58 45	31	2.209	0.044	3499.9	324.1	50.1	1.3	0	3.8		CV

(12h 50m)

I 11096

(12h 50m)



MERGED FIELD; component Seq's: I 7024, I 7025.

FIELD CENTER: $12^{\text{h}}50^{\text{m}}06.0^{\text{s}}$ $11^{\circ}32'35''$ (B1950)
 $12^{\text{h}}52^{\text{m}}36.7^{\text{s}}$ $11^{\circ}16'18''$ (J2000)
 $l: 303.99$ $b: 74.14$

DATE: 1979/353 - 1980/179
 LIVETIME: 12242.7s

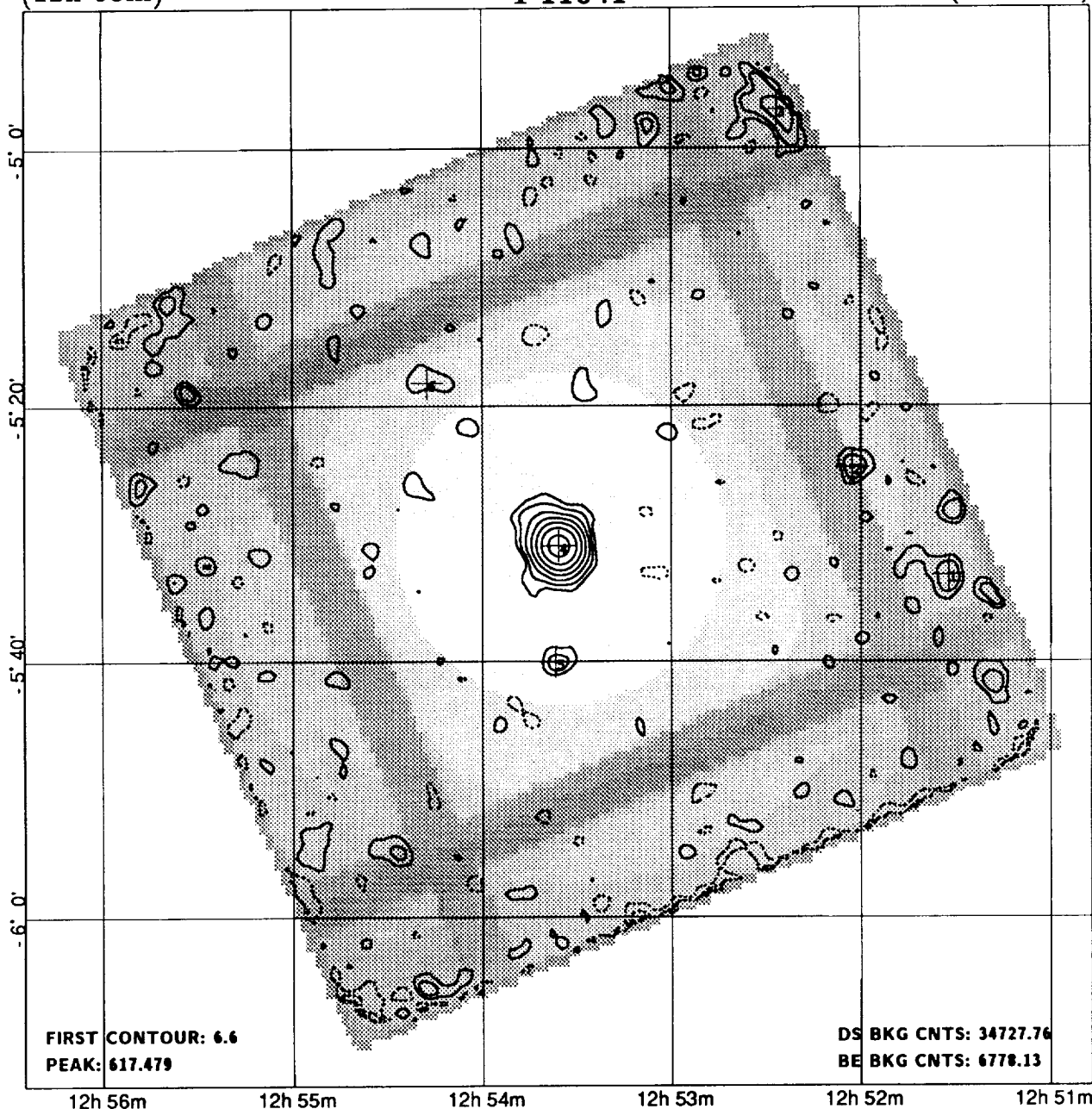
NH: $2.2\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
2873	1	12 49 10.0	11 16 13	61	*0.0046	0.0012	27.7	20.3	4.0	0.7	705	21.4	
2878	2	12 50 05.3	12 01 57	55	0.0080	0.0018	35.4	31.6	4.3	1.2	0	29.5	
2881	3	12 50 19.1	11 45 48	38	0.0169	0.0017	127.7	40.3	9.9	1.1	0	13.6	
2882	4	12 50 24.7	11 29 45	41	0.0062	0.0012	54.6	47.4	5.4	1.8	0	5.3	

(12h 53m)

I 11041

(12h 53m)



MERGED FIELD; component Seq's: I 544, I 4645.

FIELD CENTER: 12^h53^m35.8^s -05°31'07" (B1950)

DATE: 1979/ 7 - 1980/204

NH: 2.1E+20

12^h56^m11.1^s -05°47'21" (J2000)

LIVETIME: 28140.9s

REF/ID:

l: 305.10 b: 57.06

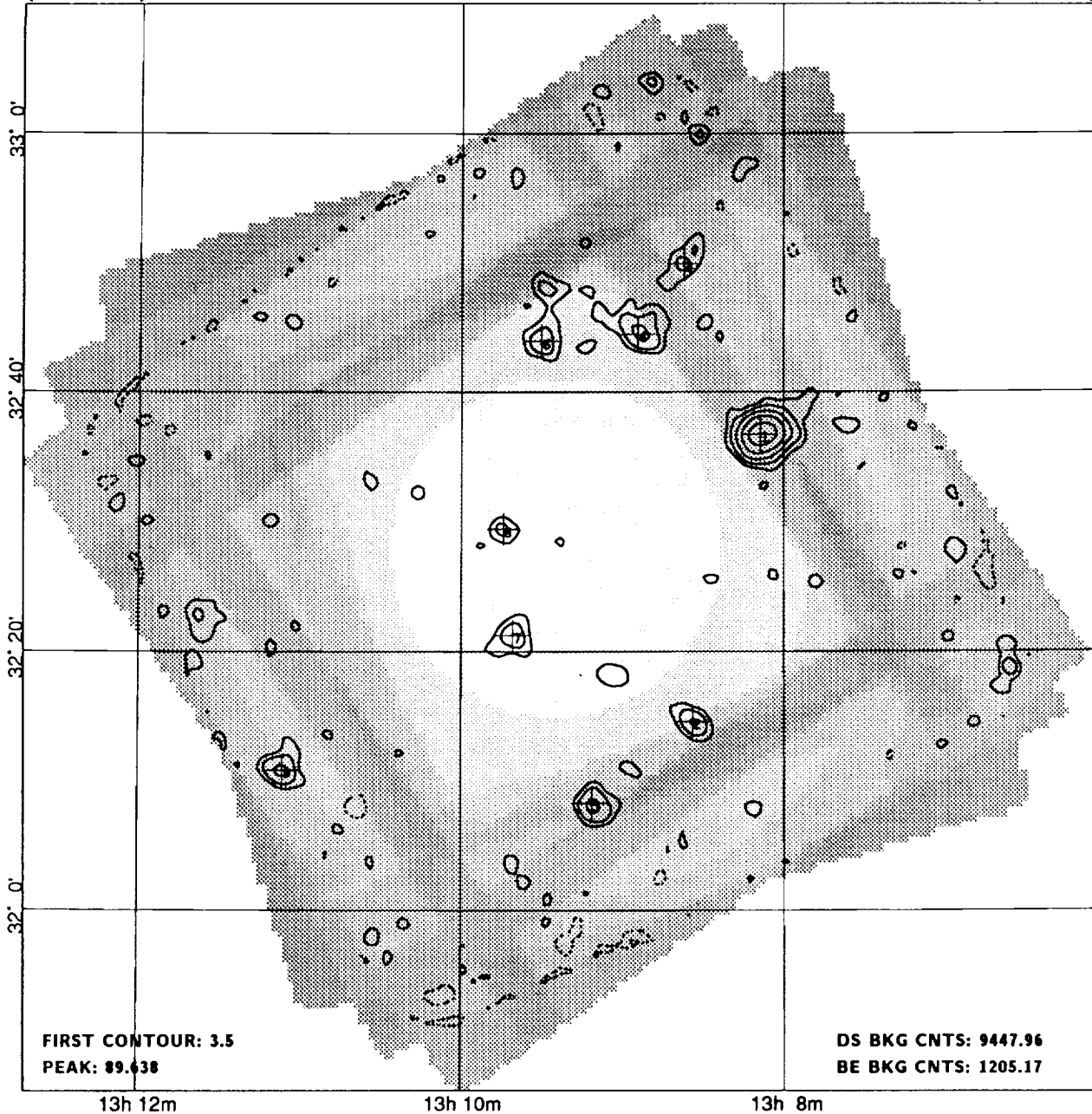
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2884	1	12 51 32.3	-05 33 17	58	0.0047	0.0011	45.2	67.8	4.3	1.2	0	30.9		
0	2	12 52 02.7	-05 24 52	55	*0.00400	0.00084	50.8	62.2	4.8	0.8	703	24.2		
2890	3L	12 52 26.4	-04 57 00	58	0.0091	0.0023	54.5	64.5	3.8	2.0	200	38.3		
2900	4	12 53 35.7	-05 31 00	31	0.1288	0.0025	2702.0	107.0	51.0	1.3	0	0.2		Q
2901	5	12 53 36.7	-05 40 03	41	0.00276	0.00064	52.1	91.9	4.3	0.7	0	8.7		AGN
2906	6	12 54 17.4	-05 18 14	61	0.00260	0.00069	41.8	80.2	3.8	0.9	0	16.7		

(13h 9m)

I 11164

(13h 9m)



MERGED FIELD; component Seq's: I 5204, I 5205.

FIELD CENTER: $13^h 09^m 24.0^s$ $32^\circ 27' 59''$ (B1950)
 $13^h 11^m 44.9^s$ $32^\circ 12' 04''$ (J2000)
 $l: 83.15$ $b: 83.28$

DATE: 1979/346 - 1980/190
 LIVETIME: 7656.0s

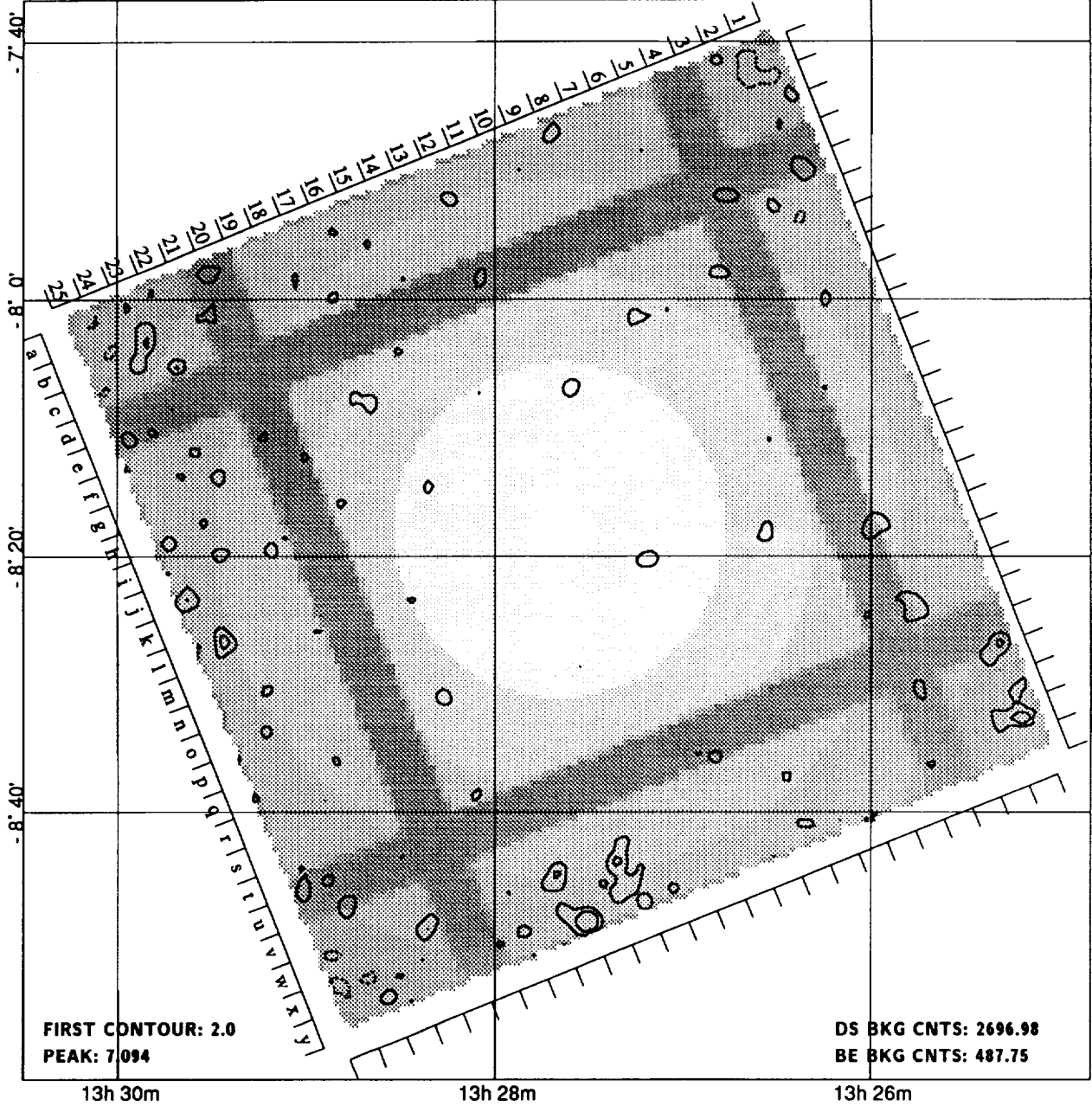
NH: $1.1E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2979	1	13 08 08.6	32 36 48	47	0.0708	0.0042	292.6	12.4	16.8	1.3	0	18.4		BL
2981	2	13 08 33.8	32 14 32	51	0.0096	0.0018	41.1	18.9	5.3	0.8	100	16.9		
0	3	13 08 37.0	32 49 56	61	0.0067	0.0018	22.5	15.5	3.7	1.1	0	23.9		
2985	4	13 08 54.2	32 44 28	51	0.0136	0.0021	57.2	19.8	6.5	1.4	0	17.8		
2988	5	13 09 11.1	32 08 15	51	0.0107	0.0019	42.3	13.7	5.7	1.0	100	20.0		
2991	6	13 09 30.2	32 43 55	51	0.0098	0.0018	43.2	20.8	5.4	1.5	0	15.4		
2995	7	13 09 40.8	32 21 13	41	0.0083	0.0016	44.0	25.0	5.3	1.2	0	7.2		S
2994	8	13 09 44.2	32 29 29	36	0.0049	0.0013	27.2	27.8	3.7	0.6	0	4.6		
2999	9	13 11 06.5	32 10 47	52	0.0120	0.0024	36.0	17.0	5.0	1.0	0	27.6		

(13h 27m)

I 11039

(13h 27m)



FIRST CONTOUR: 2.0
PEAK: 7094

DS BKG CNTS: 2696.98
BE BKG CNTS: 487.75

13h 30m

13h 28m

13h 26m

MERGED FIELD; component Seq's: I 885, I 886.

FIELD CENTER: $13^h 27^m 40.0^s -08^\circ 18' 47''$ (B1950)
 $13^h 30^m 17.5^s -08^\circ 34' 15''$ (J2000)
 $l: 319.06 \quad b: 53.08$

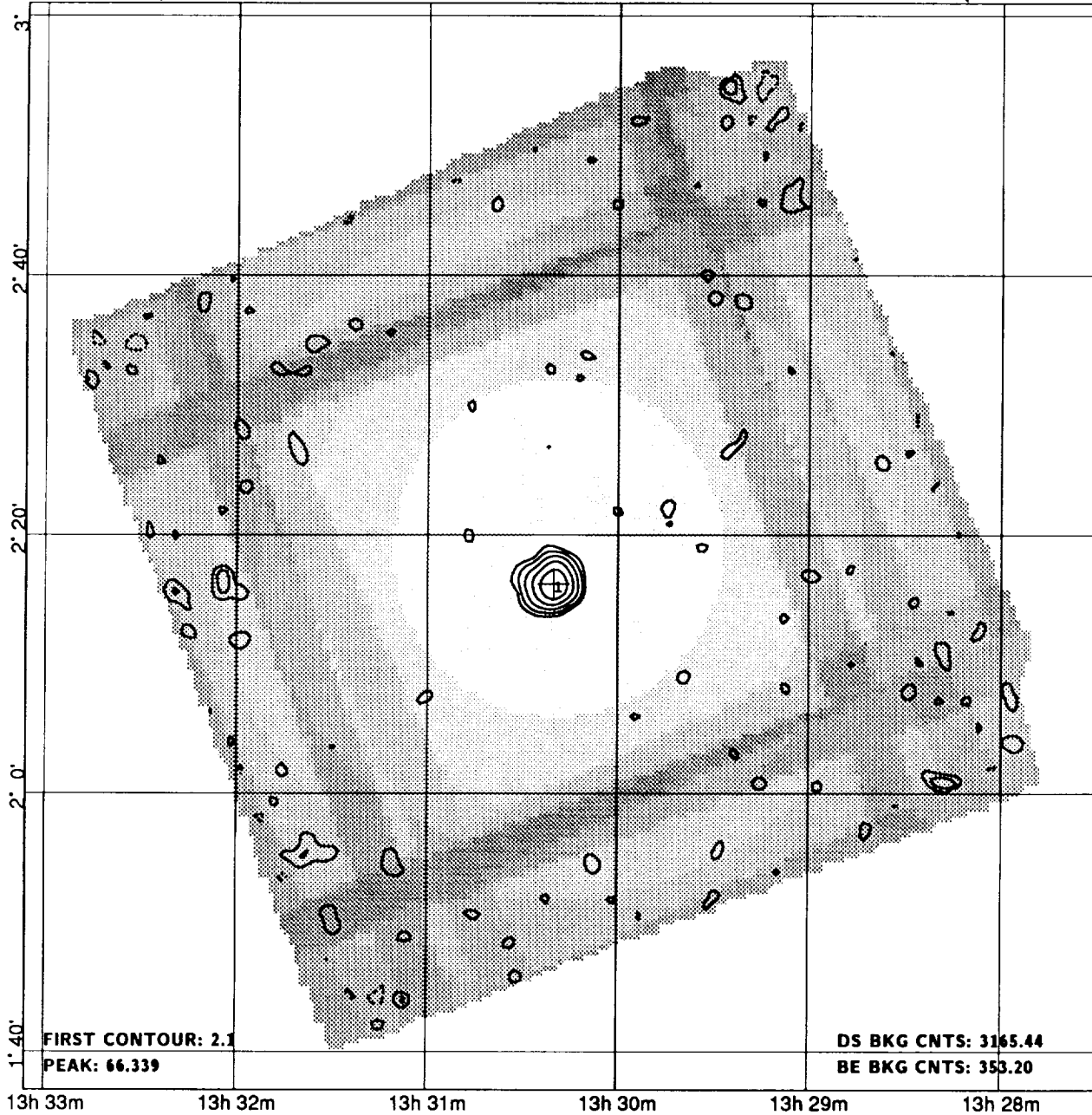
DATE: 1979/182 - 1979/213
LIVETIME: 2185.4s
ROLL ANGLE: 68.3°

NH: 2.5E+20
REF/ID:
FIELD FLAGS:

(13h 30m)

I 11064

(13h 30m)



MERGED FIELD; component Seq's: I 1955, I 1956.

FIELD CENTER: $13^{\text{h}}30^{\text{m}}18.0^{\text{s}}$ $02^{\circ}18'59''$ (B1950)
 $13^{\text{h}}32^{\text{m}}50.7^{\text{s}}$ $02^{\circ}03'36''$ (J2000)
 $l: 326.27$ $b: 63.04$

DATE: 1979/179 - 1980/ 19
 LIVETIME: 2565.1s

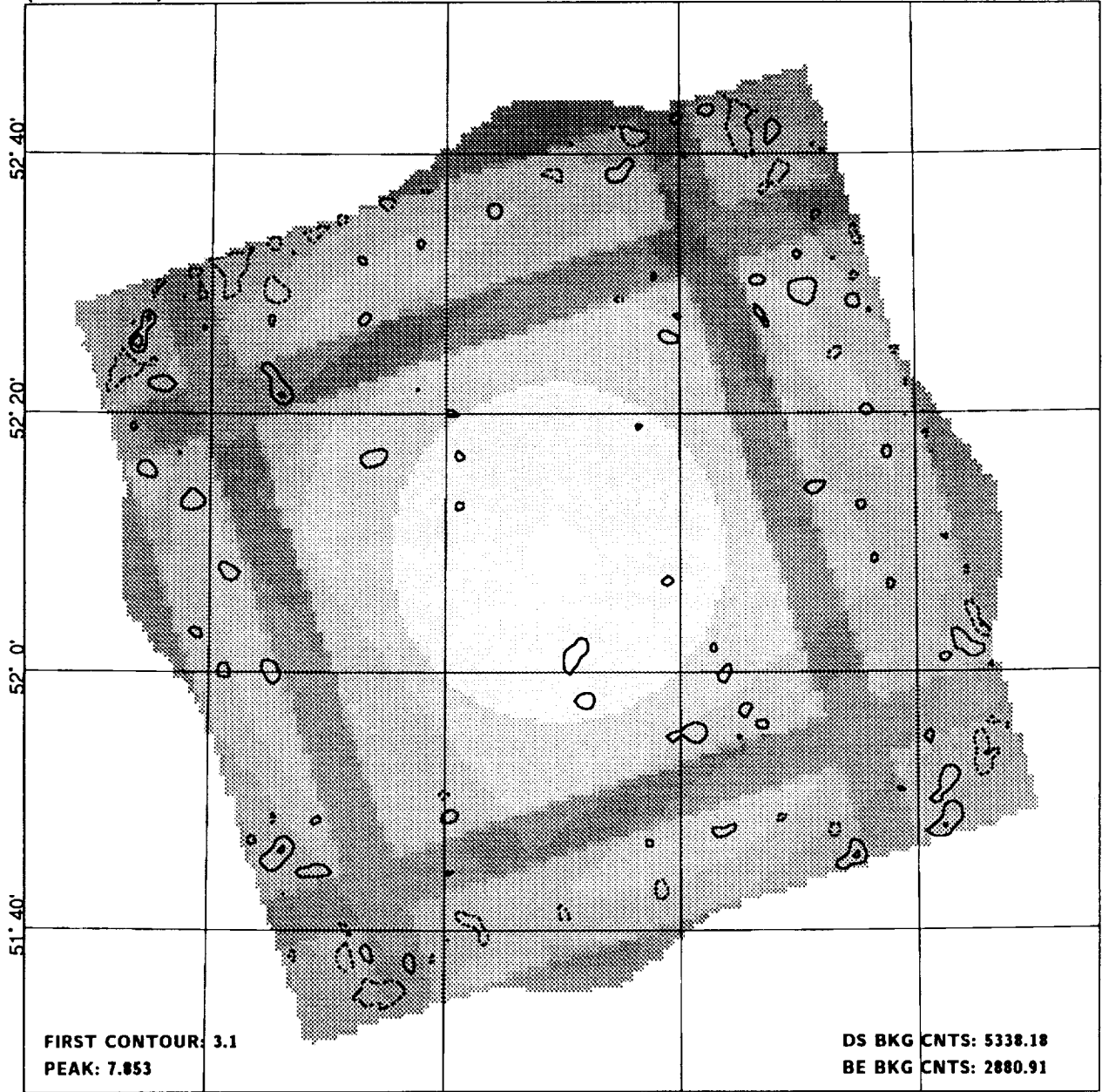
NH: $1.8\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
3081	1	13 30 20.1	02 16 11	31	0.1394	0.0087	262.6	8.4	15.9	1.3	0	2.9	

(13h 35m)

I 11175

(13h 35m)



FIRST CONTOUR: 3.1
PEAK: 7.853

DS BKG CNTS: 5338.18
BE BKG CNTS: 2880.91

13h 38m

13h 36m

13h 34m

13h 32m

MERGED FIELD; component Seq's: I 2269, I 2270.

FIELD CENTER: $13^{\text{h}}35^{\text{m}}00.0^{\text{s}}$ $52^{\circ}09'39''$ (B1950)
 $13^{\text{h}}36^{\text{m}}58.9^{\text{s}}$ $51^{\circ}54'24''$ (J2000)
 $l: 106.93$ $b: 63.78$

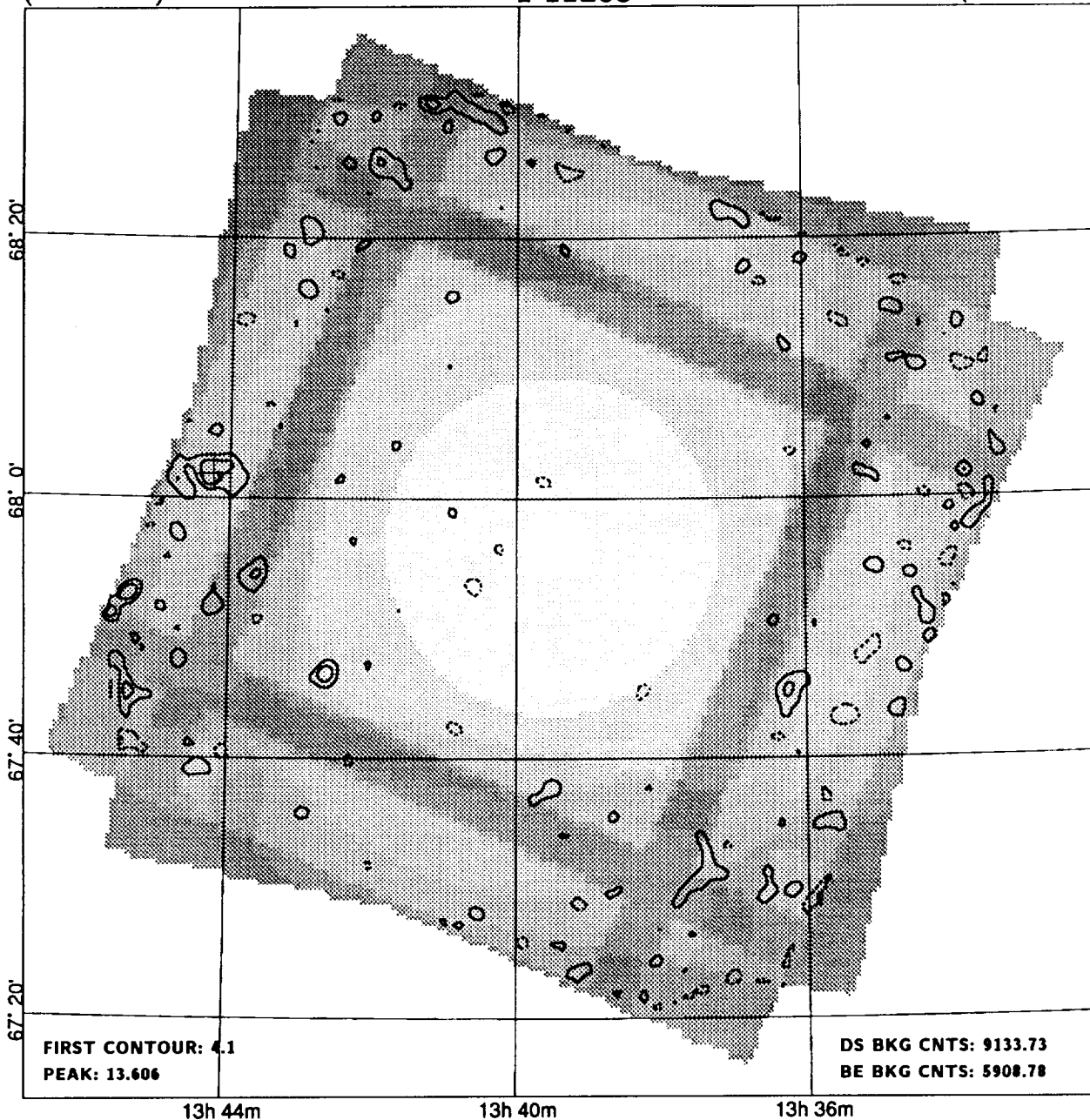
DATE: 1979/166 - 1980/ 8
LIVETIME: 4325.7s

NH: 1.0E+20
REF/ID:
FIELD FLAGS:

(13h 39m)

I 11203

(13h 39m)



FIRST CONTOUR: 4.1
PEAK: 13.606

DS BKG CNTS: 9133.73
BE BKG CNTS: 5908.78

13h 44m

13h 40m

13h 36m

MERGED FIELD; component Seq's: I 2657, I 10548.

FIELD CENTER: $13^{\text{h}}39^{\text{m}}24.0^{\text{s}}$ $67^{\circ}55'59''$ (B1950)
 $13^{\text{h}}40^{\text{m}}48.4^{\text{s}}$ $67^{\circ}40'51''$ (J2000)
 $l: 115.86$ $b: 48.76$

DATE: 1979/119 - 1981/ 43
LIVETIME: 7401.4s

NH: $1.8\text{E}+20$

REF/ID:

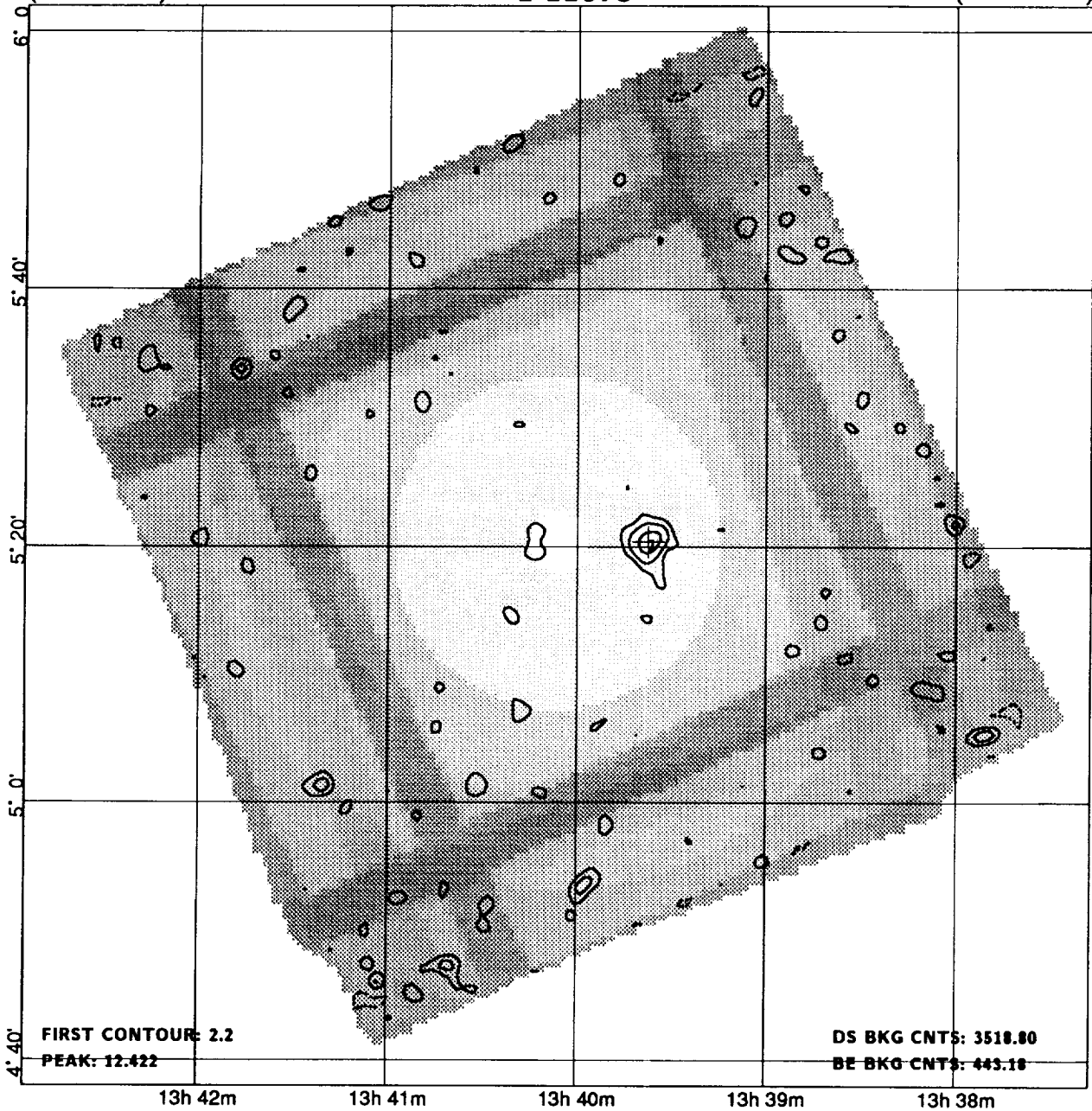
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
0	1	13 44 13.8	68 01 51	56	0.0098	0.0025	28.8	24.2	4.0	1.6	0	27.8	

(13h 40m)

I 11073

(13h 40m)



FIRST CONTOUR: 2.2
PEAK: 12.422

DS BKG CNTS: 3518.80
BE BKG CNTS: 443.18

MERGED FIELD; component Seq's: I 1957, I 1958.

FIELD CENTER: $13^{\text{h}}40^{\text{m}}06.0^{\text{s}}$ $05^{\circ}19'59''$ (B1950)
 $13^{\text{h}}42^{\text{m}}37.1^{\text{s}}$ $05^{\circ}04'54''$ (J2000)
 $l: 334.14$ $b: 64.81$

DATE: 1979/182 - 1980/ 17
LIVETIME: 2851.4s

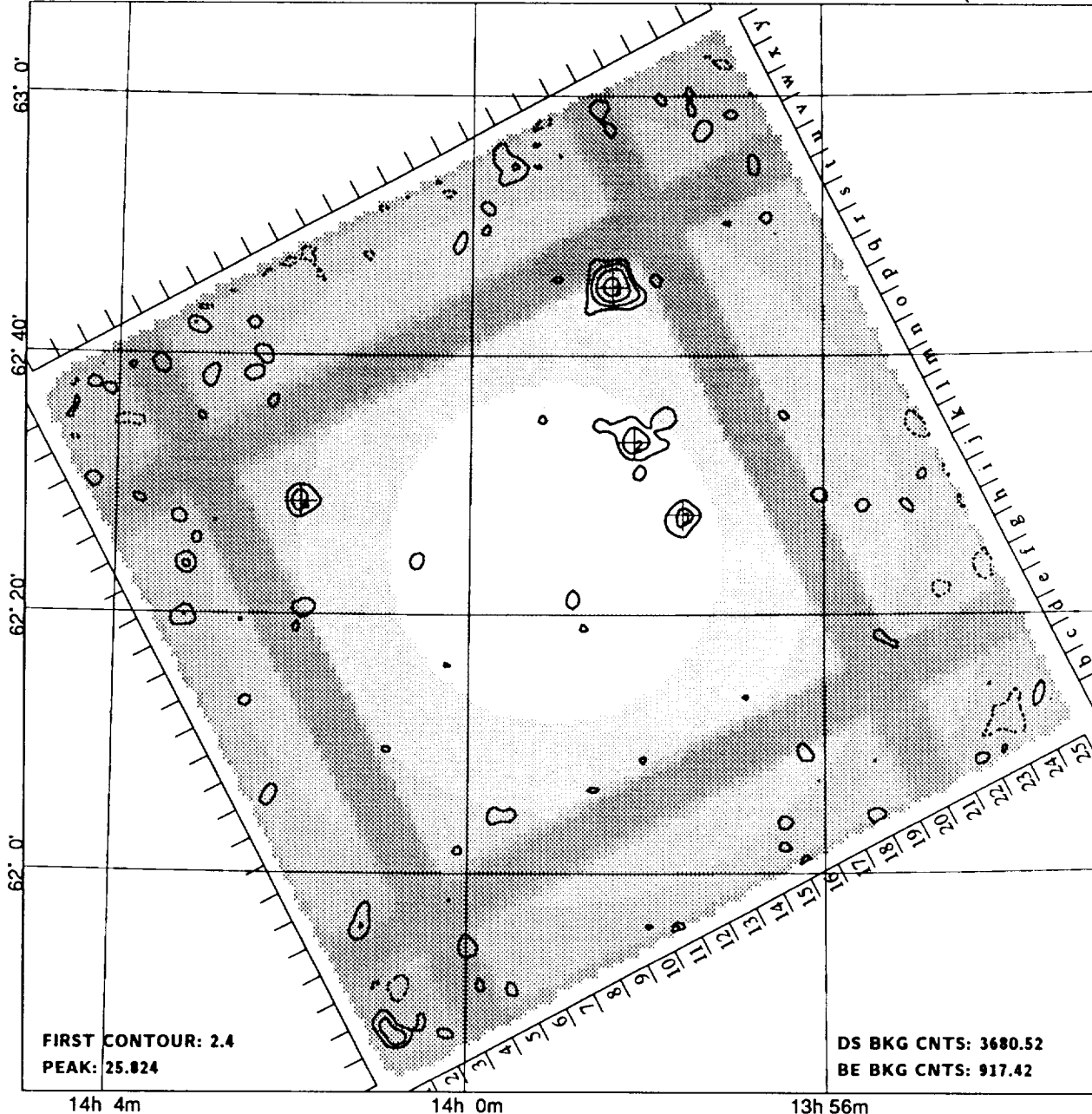
NH: $2.0\text{E}+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
3124	1	13 39 37.4	05 20 23	41	0.0279	0.0041	55.4	9.6	6.9	1.3	0	7.1	AGN	

(13h 58m)

I 11184

(13h 58m)



MERGED FIELD; component Seq's: I 7304, I 7305.

FIELD CENTER: $13^h 58^m 58.4^s$ $62^\circ 25' 07''$ (B1950)
 $14^h 00^m 28.6^s$ $62^\circ 10' 39''$ (J2000)
 $l: 109.59$ $b: 53.13$

DATE: 1980 / 1 - 1980/356
 LIVETIME: 2982.5s
 ROLL ANGLE: -117.8°

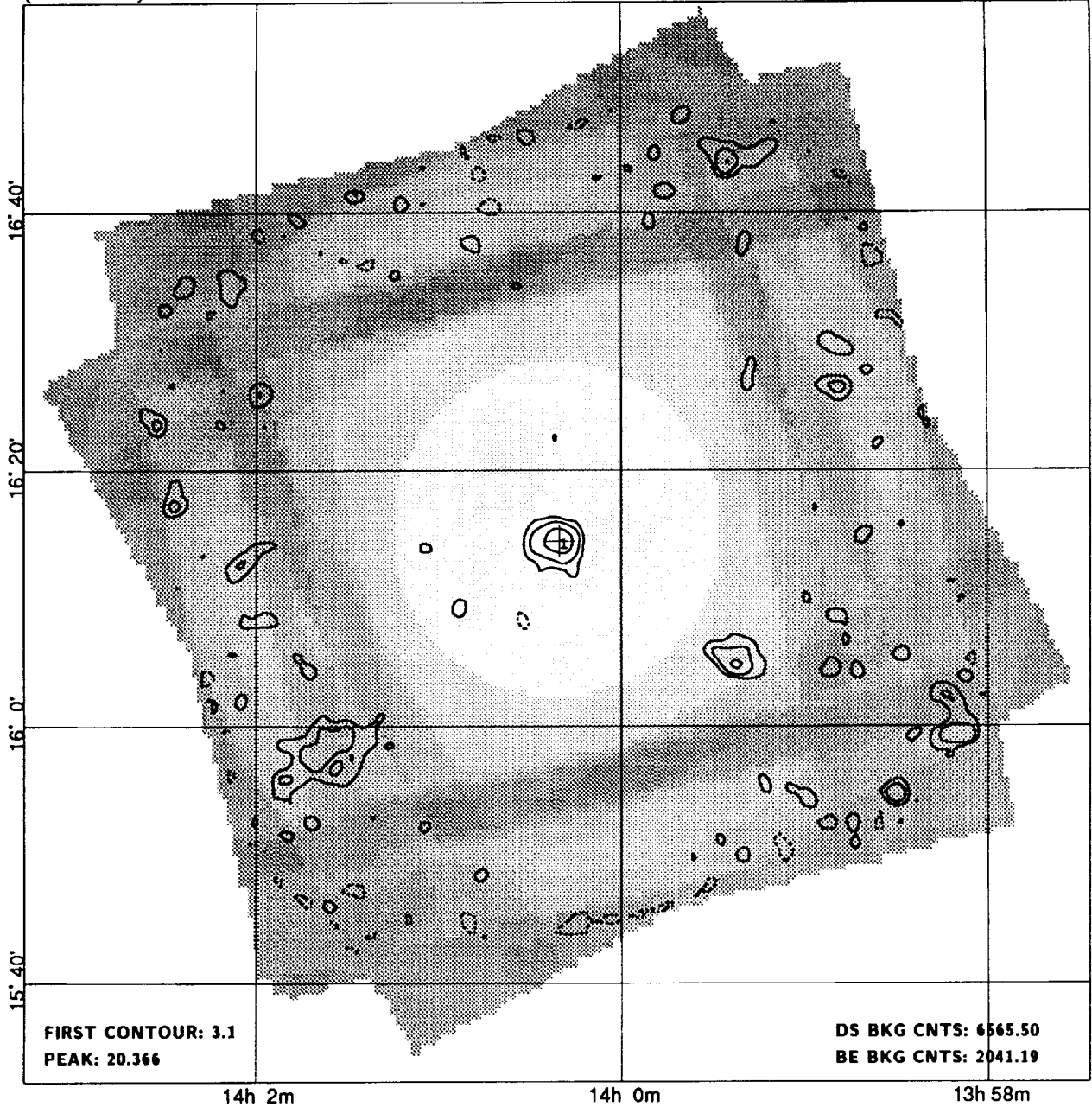
NH: $2.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
3154	1	13 57 35.1	62 27 42	45	0.0100	0.0028	19.7	10.3	3.6	0.8	0	9.8	
0	2	13 58 08.3	62 33 21	42	0.0150	0.0032	29.4	9.6	4.7	1.1	0	10.3	
3157	3	13 58 23.4	62 45 13	50	0.0468	0.0060	68.9	9.1	7.8	1.1	500	20.5	
0	4	14 01 55.2	62 28 39	55	0.0125	0.0034	18.9	8.1	3.6	0.7	0	20.7	

(14h 0m)

I 11118

(14h 0m)



MERGED FIELD; component Seq's: I 3070, I 3071, I 7727.

FIELD CENTER: 14^h00^m21.0^s 16°14'20" (B1950)
 14^h02^m45.0^s 15°59'56" (J2000)
l: 2.63 *b*: 70.07

DATE: 1979/180 - 1980/ 20
 LIVETIME: 5320.2s

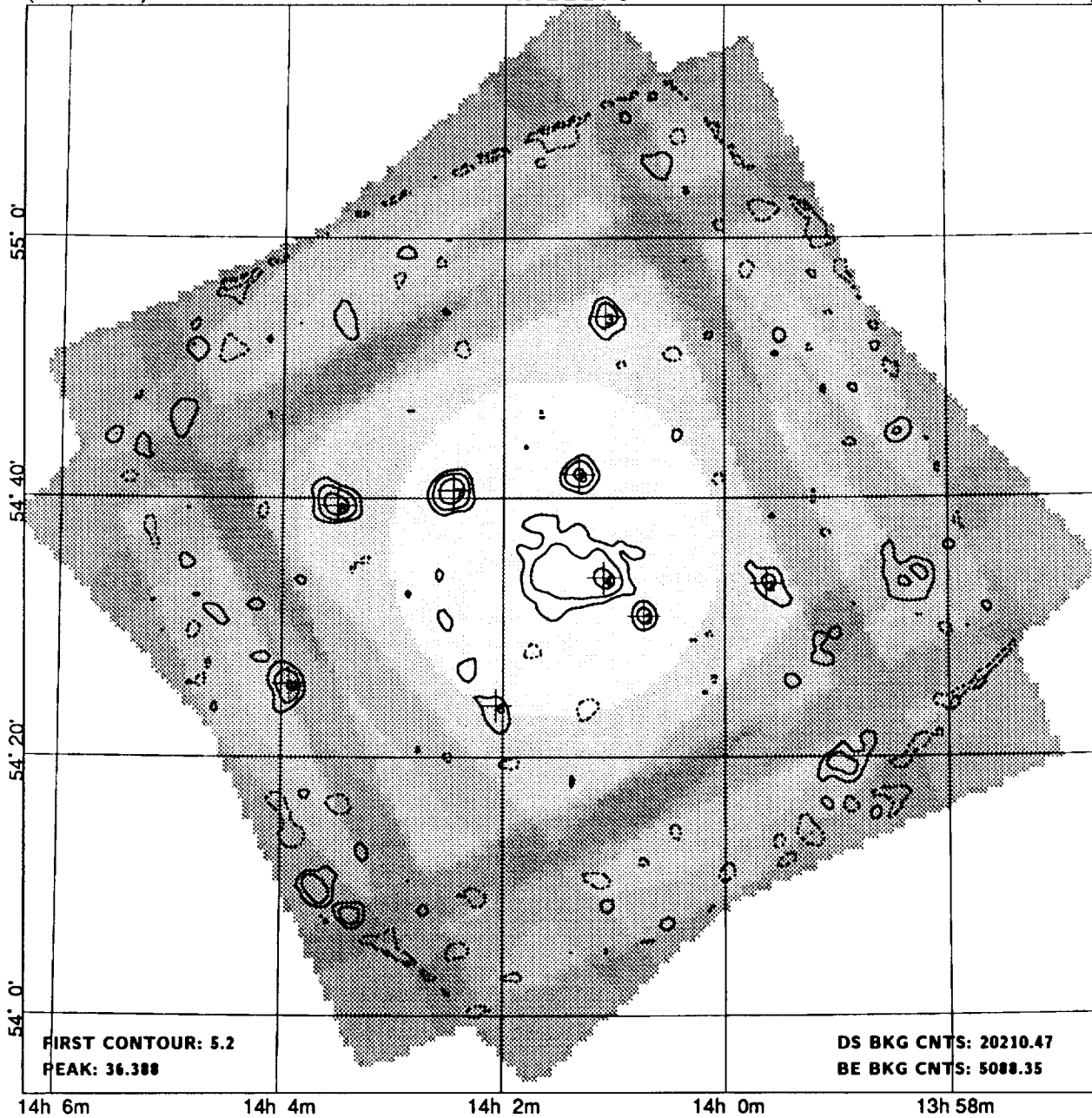
NH: 1.6E+20
 REF/ID: !
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
3165	1L	14 00 20.4	16 14 30	32	0.0171	0.0033	67.9	46.1	5.1	1.4	0	0.3		BL

(14h 1m)

I 11178

(14h 1m)



MERGED FIELD; component Seq's: I 2140, I 2141.

FIELD CENTER: $14^{\text{h}}01^{\text{m}}30.0^{\text{s}}$ $54^{\circ}35'59''$ (B1950)
 $14^{\text{h}}03^{\text{m}}16.1^{\text{s}}$ $54^{\circ}21'37''$ (J2000)
 $l: 102.04$ $b: 59.76$

DATE: 1979/ 6 - 1979/167
 LIVETIME: 16377.2s

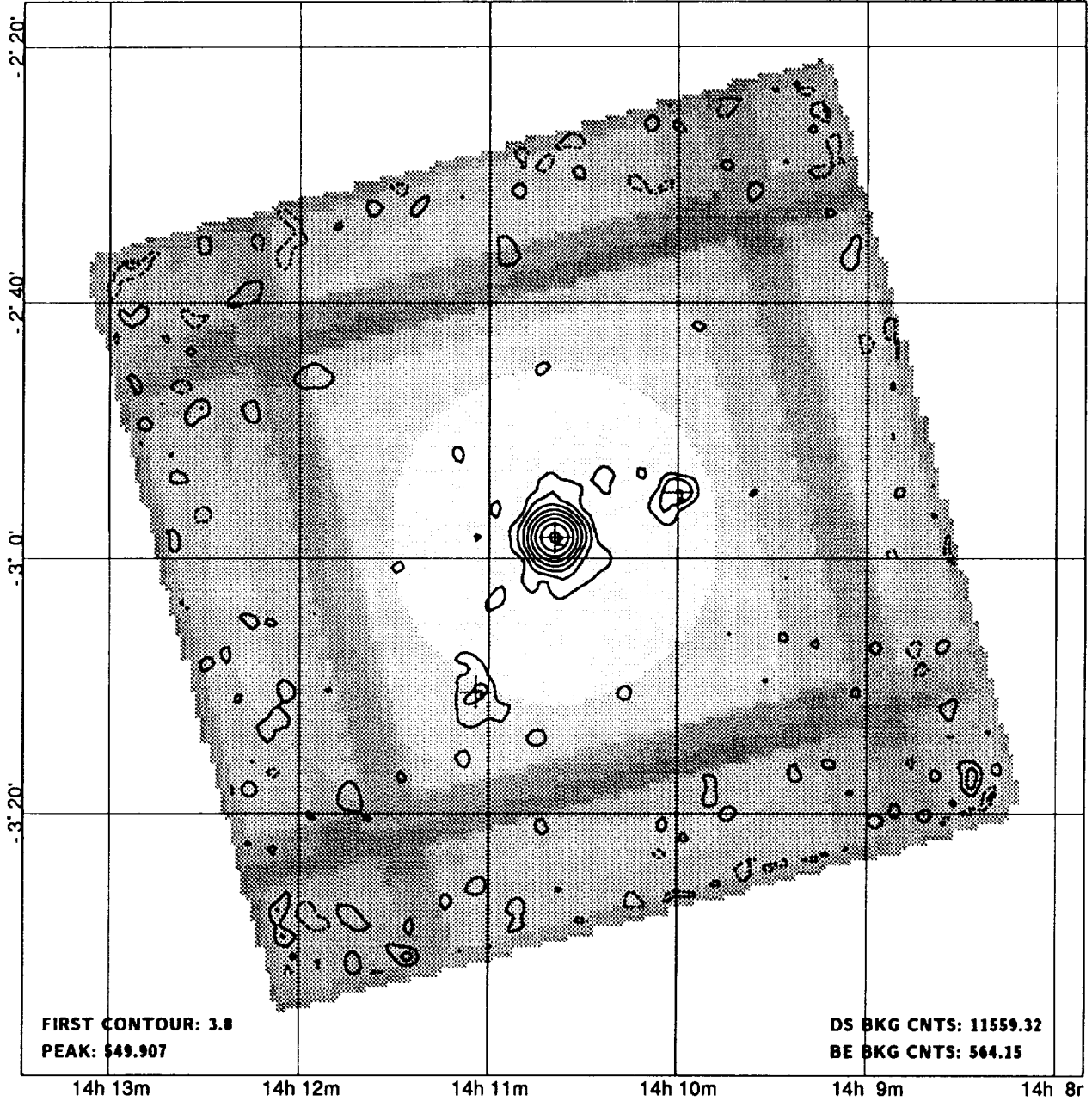
NH: $1.2\text{E}+20$
 REF/ID: !
 FIELD FLAGS: D

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
0	1	13 59 37.4	54 33 18	53	0.0039	0.0010	35.7	49.3	3.9	0.9	0	16.4	S
0	2	14 00 43.8	54 30 48	41	0.00351	0.00091	39.2	63.8	3.9	0.6	0	8.4	G
3166	3	14 01 04.8	54 53 58	51	0.0053	0.0011	46.4	48.6	4.8	0.8	0	18.3	S
3168	4	14 01 05.7	54 33 45	32	0.0103	0.0012	122.0	66.0	8.9	3.8	0	4.0	
3170	5	14 01 19.1	54 41 48	39	0.0067	0.0010	77.5	59.5	6.6	0.8	0	6.2	
0	6	14 02 03.9	54 23 55	47	0.00323	0.00091	33.1	52.9	3.6	0.9	0	12.7	
3181	7	14 02 27.4	54 40 34	38	0.0136	0.0013	151.1	59.9	10.4	1.0	0	9.6	
3186	8	14 03 30.2	54 39 25	49	0.0112	0.0013	101.3	47.7	8.3	1.0	0	17.8	Q
3188	9	14 03 56.0	54 25 34	52	0.0064	0.0012	47.8	38.2	5.2	0.9	0	23.7	

(14h 10m)

I 11323

(14h 10m)



MERGED FIELD; component Seq's: I 7204, I 9502.

FIELD CENTER: $14^h 10^m 39.0^s -02^\circ 58' 29''$ (B1950)
 $14^h 13^m 14.7^s -03^\circ 12' 30''$ (J2000)
 $l: 339.15 \quad b: 53.81$

DATE: 1980/194 - 1981/ 5
 LIVETIME: 9366.9s

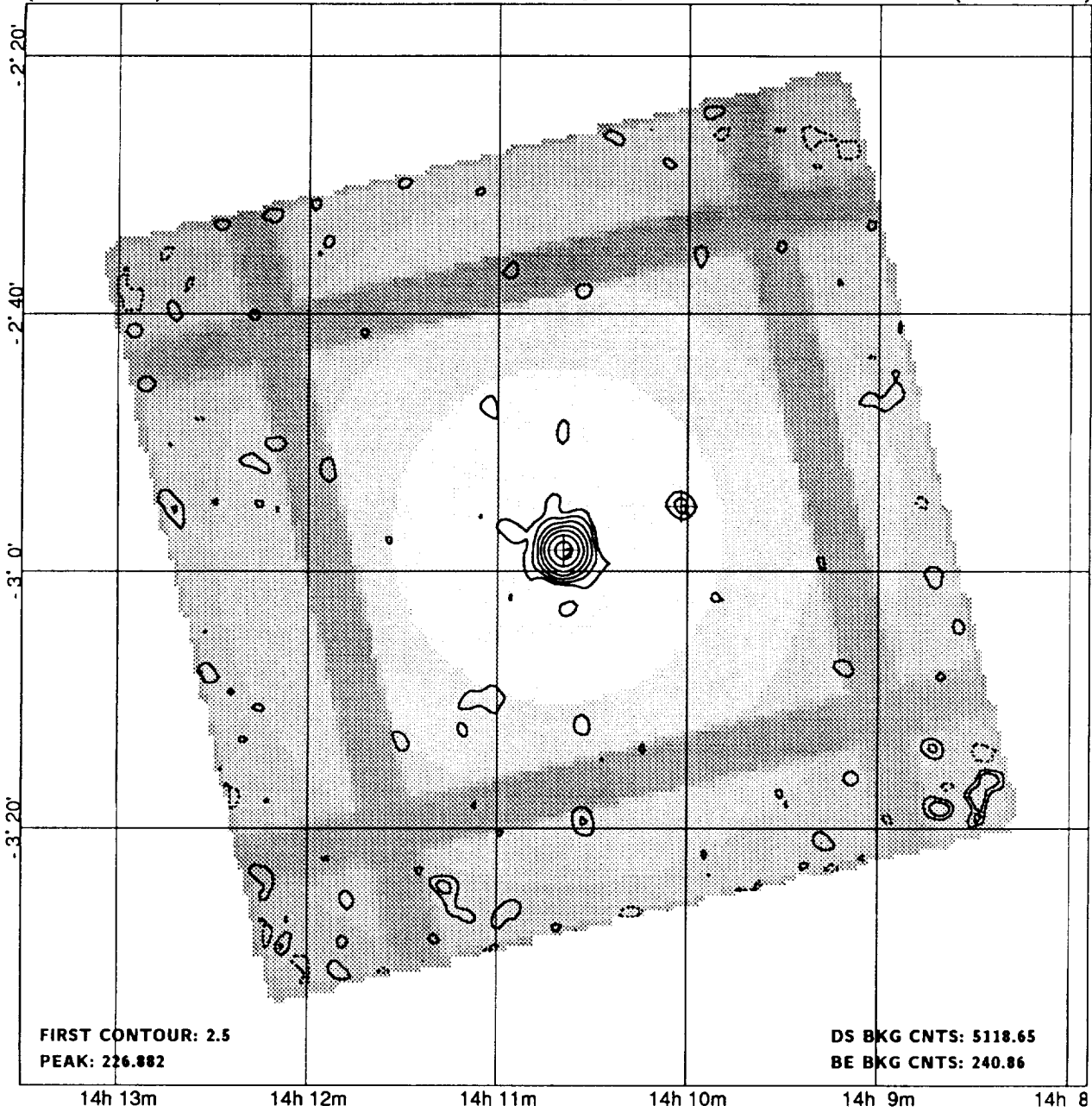
NH: $3.8E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
3203	1	14 10 00.1	-02 54 49	41	0.0093	0.0015	57.8	25.2	6.3	1.0	0	10.4	
3205	2	14 10 39.0	-02 58 22	31	0.3038	0.0066	2126.9	30.1	45.8	1.2	0	0.2	SY
3206	3	14 11 04.1	-03 10 28	46	0.0063	0.0014	36.2	26.8	4.6	1.7	0	13.4	

(14h 10m)

I 11045

(14h 10m)



FIRST CONTOUR: 2.5
 PEAK: 226.882

DS BKG CNTS: 5118.65
 BE BKG CNTS: 240.86

14h 13m 14h 12m 14h 11m 14h 10m 14h 9m 14h 8

MERGED FIELD; component Seq's: I 3062, I 3063.

FIELD CENTER: $14^h 10^m 42.0^s -02^\circ 57' 59''$ (B1950)
 $14^h 13^m 17.7^s -03^\circ 12' 00''$ (J2000)
 $l: 339.17 \quad b: 53.81$

DATE: 1979/202 - 1979/211
 LIVETIME: 4147.8s

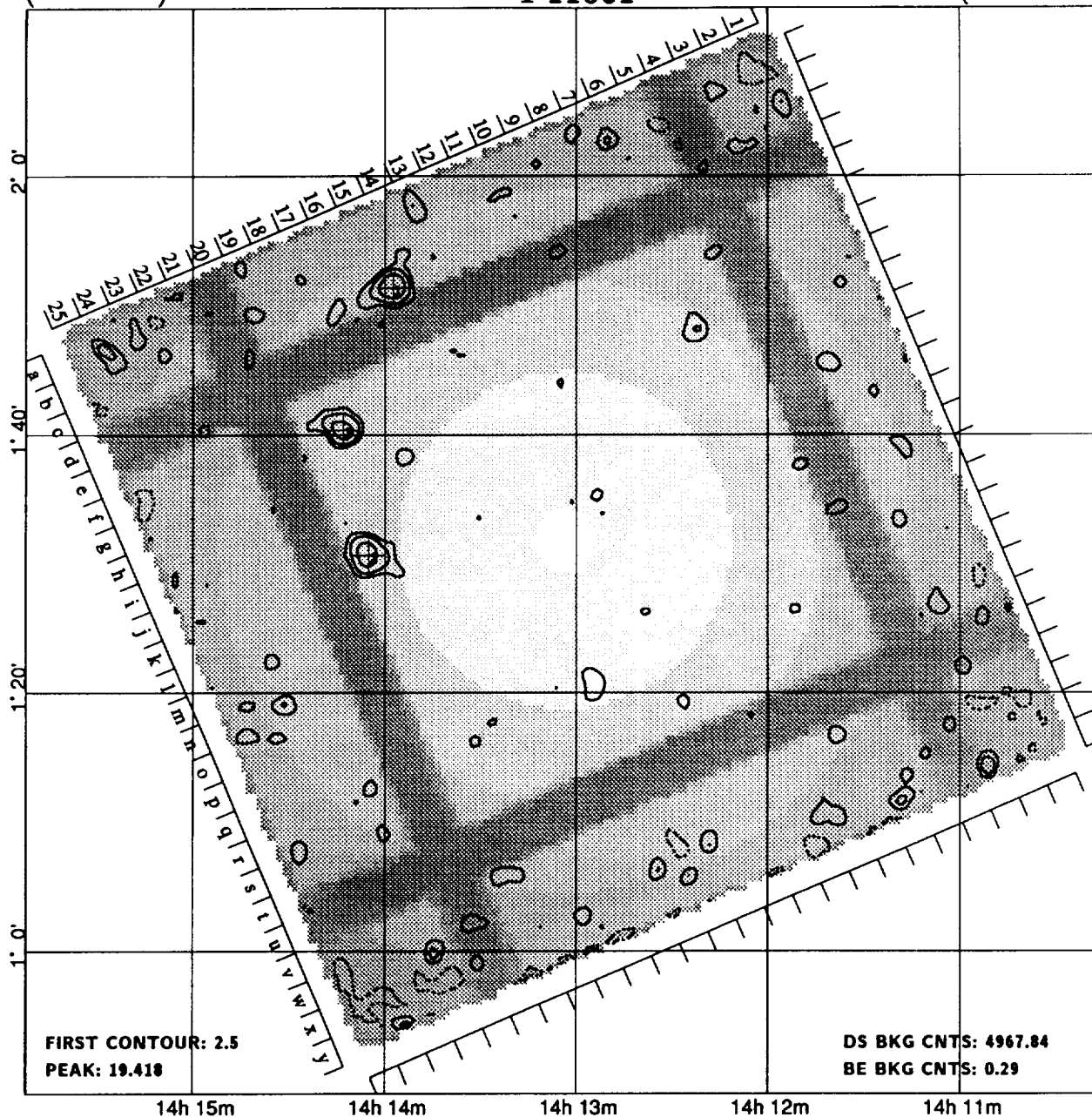
NH: $3.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID FLG
3203	1	14 10 02.0	-02 54 57	43	0.0074	0.0020	20.5	11.5	3.6	0.6	0	10.6		
3205	2	14 10 39.2	-02 58 21	31	0.2813	0.0096	866.5	12.5	29.2	1.1	0	0.8		SY

(14h 13m)

I 11061

(14h 13m)



14h 15m 14h 14m 14h 13m 14h 12m 14h 11m

MERGED FIELD; component Seq's: I 7818, I 7819.

FIELD CENTER: $14^h 13^m 04.0^s$ $01^\circ 30' 59''$ (B1950)
 $14^h 15^m 36.8^s$ $01^\circ 17' 05''$ (J2000)
 $l: 344.45$ $b: 57.21$

DATE: 1980/190 - 1980/195
LIVETIME: 4025.6s
ROLL ANGLE: 66.9°

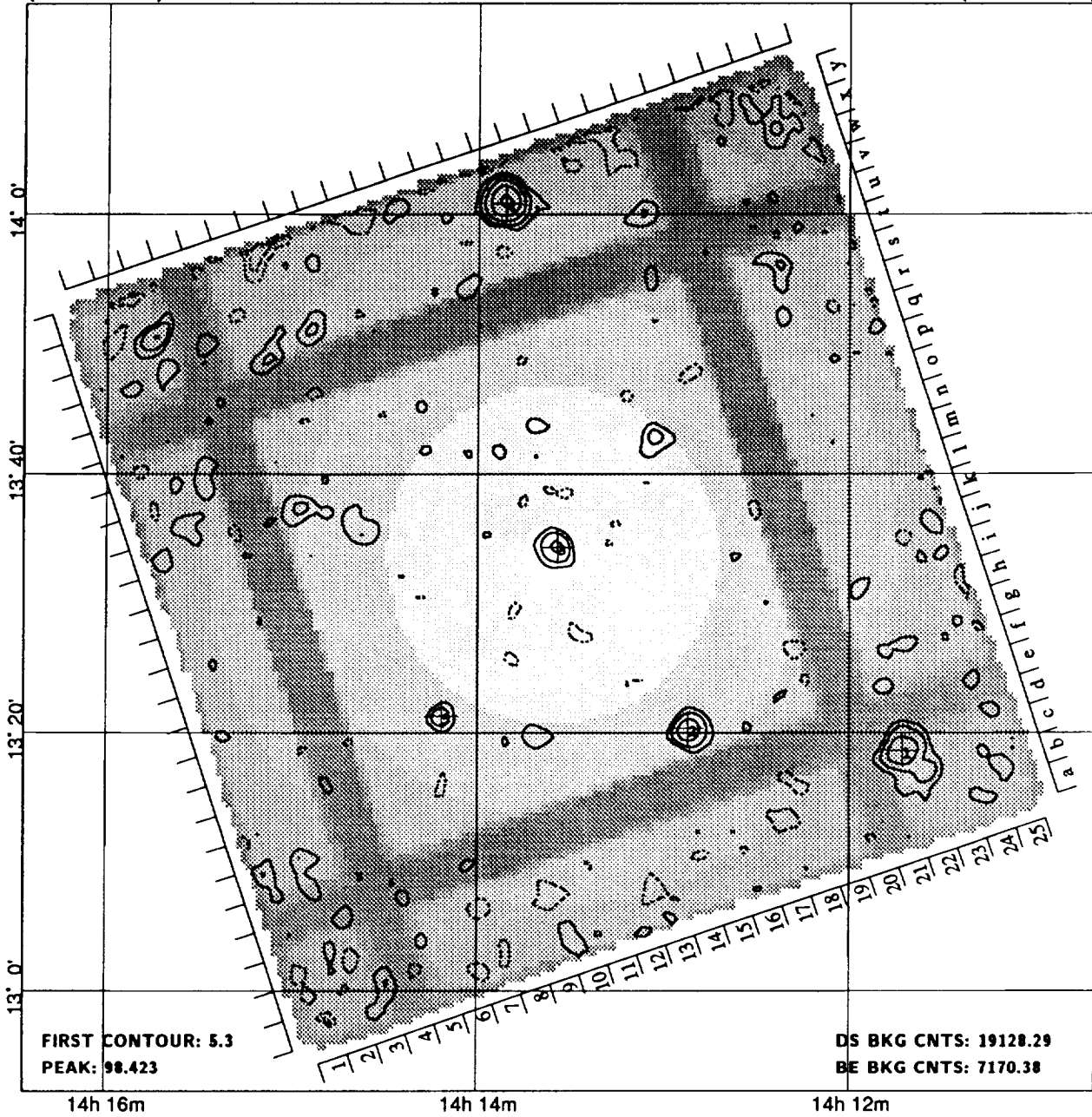
NH: $2.8E+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
3221	1	14 13 57.5	01 51 18	50	0.0239	0.0039	43.3	7.7	6.1	1.0	400	24.4	
3222	2	14 14 05.2	01 30 41	50	0.0203	0.0032	47.6	9.4	6.3	1.1	200	15.6	
3224	3	14 14 13.1	01 40 21	50	0.0190	0.0033	39.8	9.2	5.7	1.0	0	19.6	

(14h 13m)

I 11105

(14h 13m)



MERGED FIELD; component Seq's: I 5143, I 8982.

FIELD CENTER: $14^h 13^m 34.0^s$ $13^\circ 34' 17''$ (B1950)
 $14^h 15^m 58.9^s$ $13^\circ 20' 24''$ (J2000)
 $l: 2.21$ $b: 65.91$

DATE: 1980/ 20 - 1981/ 25
 LIVETIME: 15500.3s
 ROLL ANGLE: -108.5°

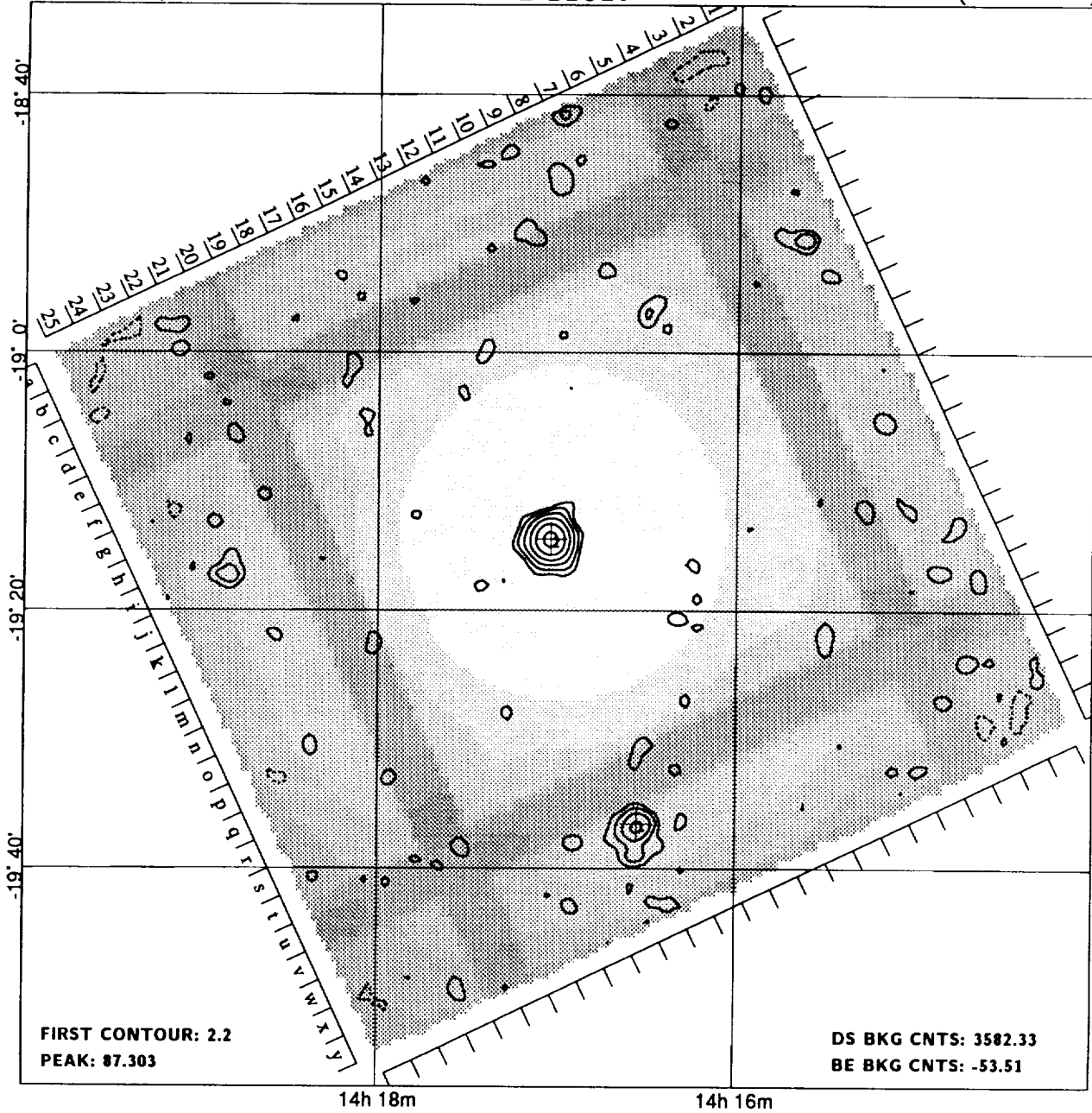
NH: $1.5E+20$
 REF/ID: !
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
3209	1L	14 11 42.9	13 18 37	51	*0.0124	0.0028	63.2	41.4	4.3	1.5	801	31.2		*
3215	2L	14 12 51.8	13 20 20	48	0.0120	0.0017	103.5	48.5	6.9	0.9	0	17.2		*
3219	3L	14 13 34.1	13 34 18	32	0.0091	0.0014	104.7	65.3	6.6	0.9	0	0.1		Q
3220	4L	14 13 51.1	14 00 49	47	0.0303	0.0031	184.3	66.7	9.8	1.1	0	26.9		*
0	5L	14 14 11.6	13 21 15	51	0.0055	0.0013	49.9	44.1	4.1	0.7	0	16.0		

(14h 17m)

I 11017

(14h 17m)



14h 18m 14h 16m

MERGED FIELD; component Seq's: I 1959, I 1960.

FIELD CENTER: $14^h 17^m 00.0^s$ $-19^\circ 14' 59''$ (B1950)
 $14^h 19^m 47.1^s$ $-19^\circ 28' 44''$ (J2000)
 $l: 329.95$ $b: 38.71$

DATE: 1979/203 - 1979/211
 LIVETIME: 2902.9s
 ROLL ANGLE: 64.6°

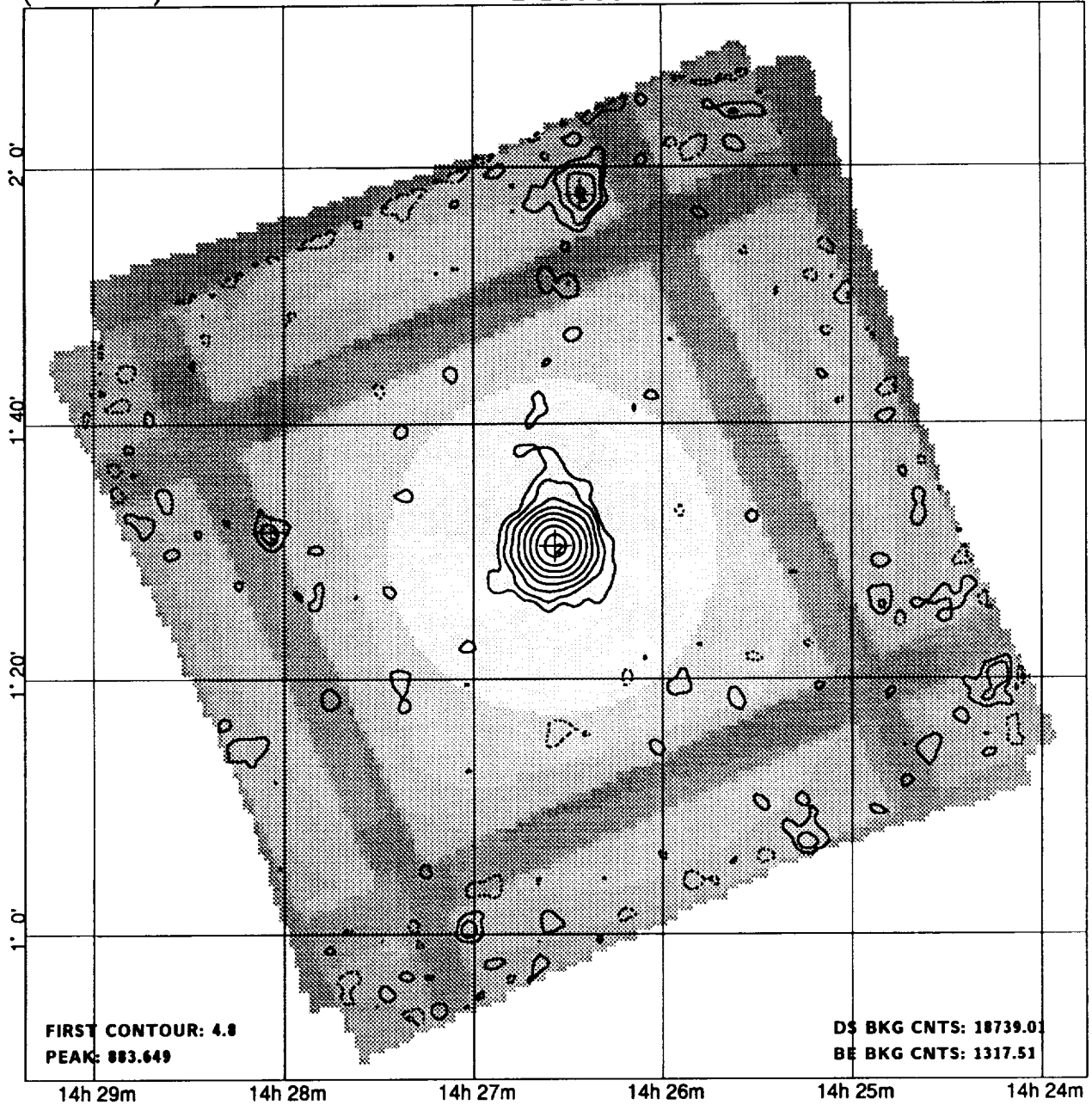
NH: $7.5E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
3239	1	14 16 32.9	-19 36 28	50	0.0335	0.0053	44.7	5.3	6.3	1.2	100	22.6	
3244	2	14 17 02.1	-19 14 28	31	0.1566	0.0086	338.6	9.4	18.2	1.2	0	0.9	

(14h 26m)

I 11060

(14h 26m)



MERGED FIELD; component Seq's: I 5348, I 10374, I 10390, I 10391, I 10392, I 10

FIELD CENTER: 14^h26^m33.8^s 01°30'36" (B1950)
 14^h29^m06.6^s 01°17'16" (J2000)
 l : 349.22 b : 55.13

DATE: 1980/216 - 1981/ 5
 LIVETIME: 15185.0s

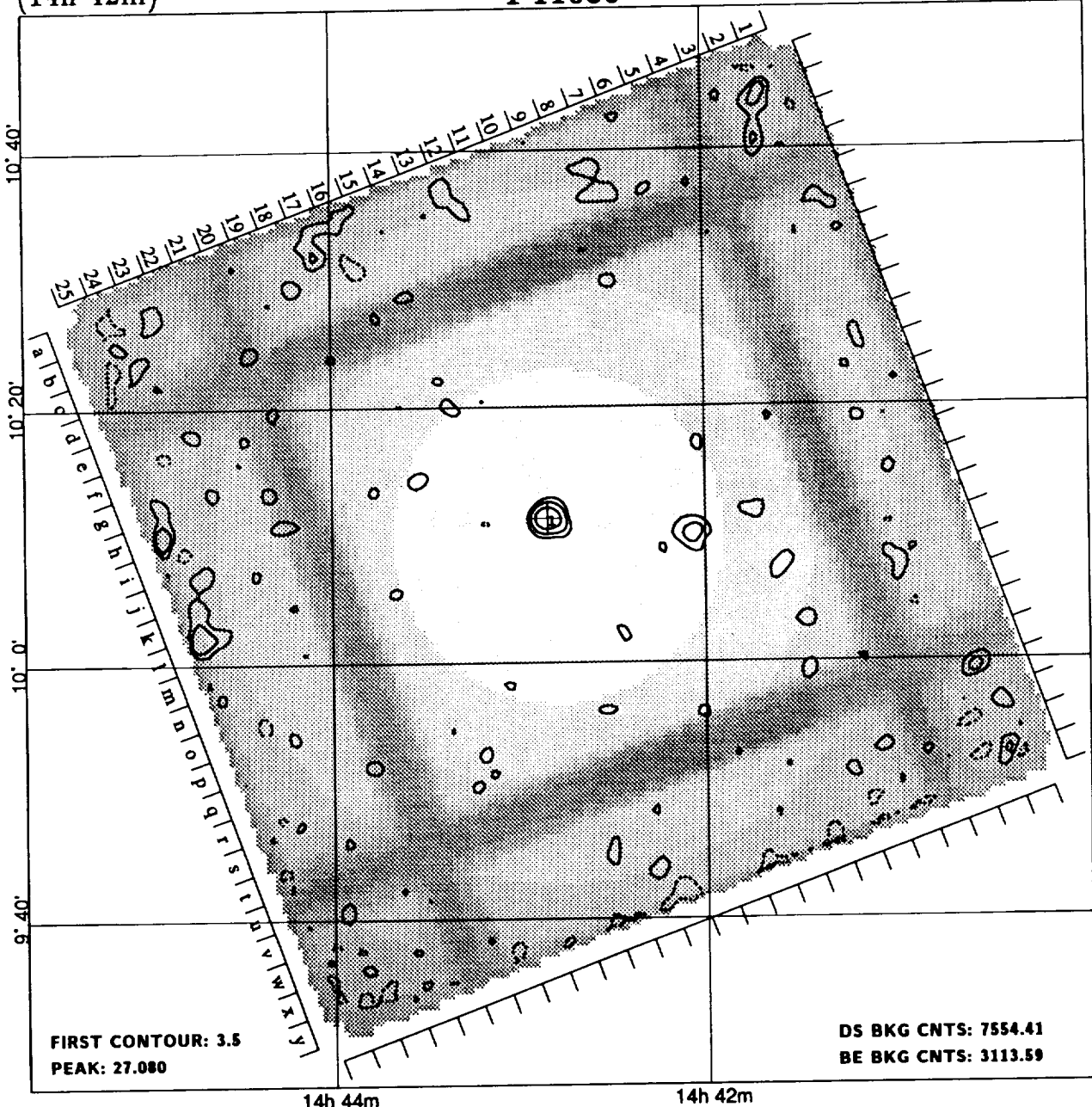
NH: 2.8E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
3279	1	14 26 25.9	01 57 51	50	0.0149	0.0019	87.6	33.4	8.0	1.7	0	27.4	
3280	2	14 26 34.1	01 30 29	31	0.3516	0.0056	3982.4	49.6	62.7	1.5	0	0.2	Q
0	3	14 28 04.2	01 31 37	57	*0.0046	0.0011	32.7	27.3	4.2	0.8	905	22.6	

(14h 42m)

I 11086

(14h 42m)



MERGED FIELD; component Seq's: I 2050, I 2051.

FIELD CENTER: $14^h 42^m 48.0^s$ $10^\circ 08' 59''$ (B1950)
 $14^h 45^m 14.0^s$ $09^\circ 56' 23''$ (J2000)
 $l: 5.72$ $b: 50.16$

DATE: 1979/203 - 1979/210
 LIVETIME: 6121.6s
 ROLL ANGLE: 69.7°

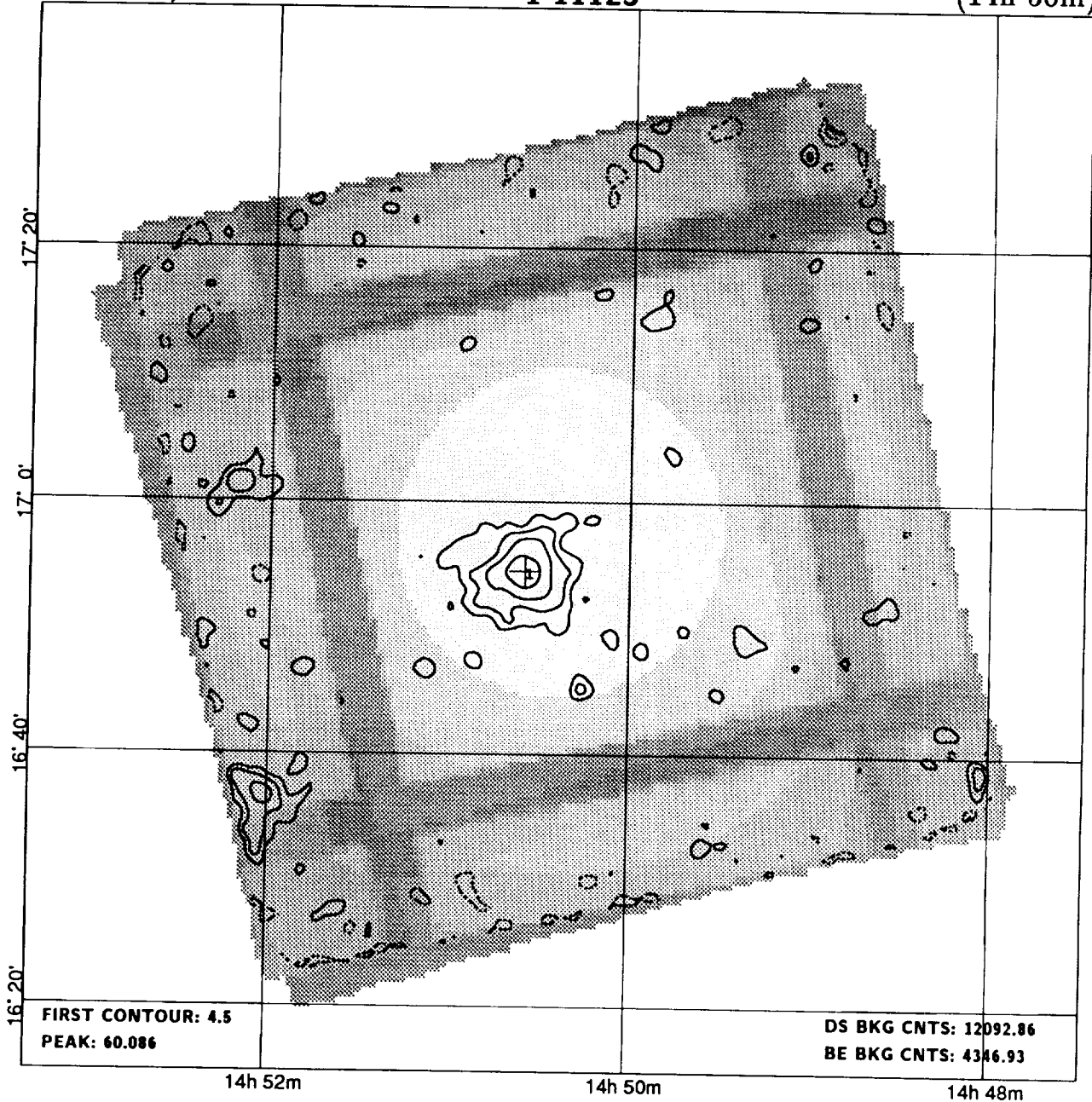
NH: $1.7E+20$
 REF/ID: !
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
3326	1L	14 42 50.6	10 11 15	31	0.0237	0.0029	107.4	24.6	8.0	0.9	0	2.3	Q

(14h 50m)

I 11123

(14h 50m)



MERGED FIELD; component Seq's: I 164, I 4190, I 6076.

FIELD CENTER: $14^{\text{h}}50^{\text{m}}24.0^{\text{s}}$ $16^{\circ}56'59''$ (B1950)
 $14^{\text{h}}52^{\text{m}}44.0^{\text{s}}$ $16^{\circ}44'45''$ (J2000)
 $l: 18.94$ $b: 60.12$

DATE: 1979/30 - 1980/224
LIVETIME: 9799.2s

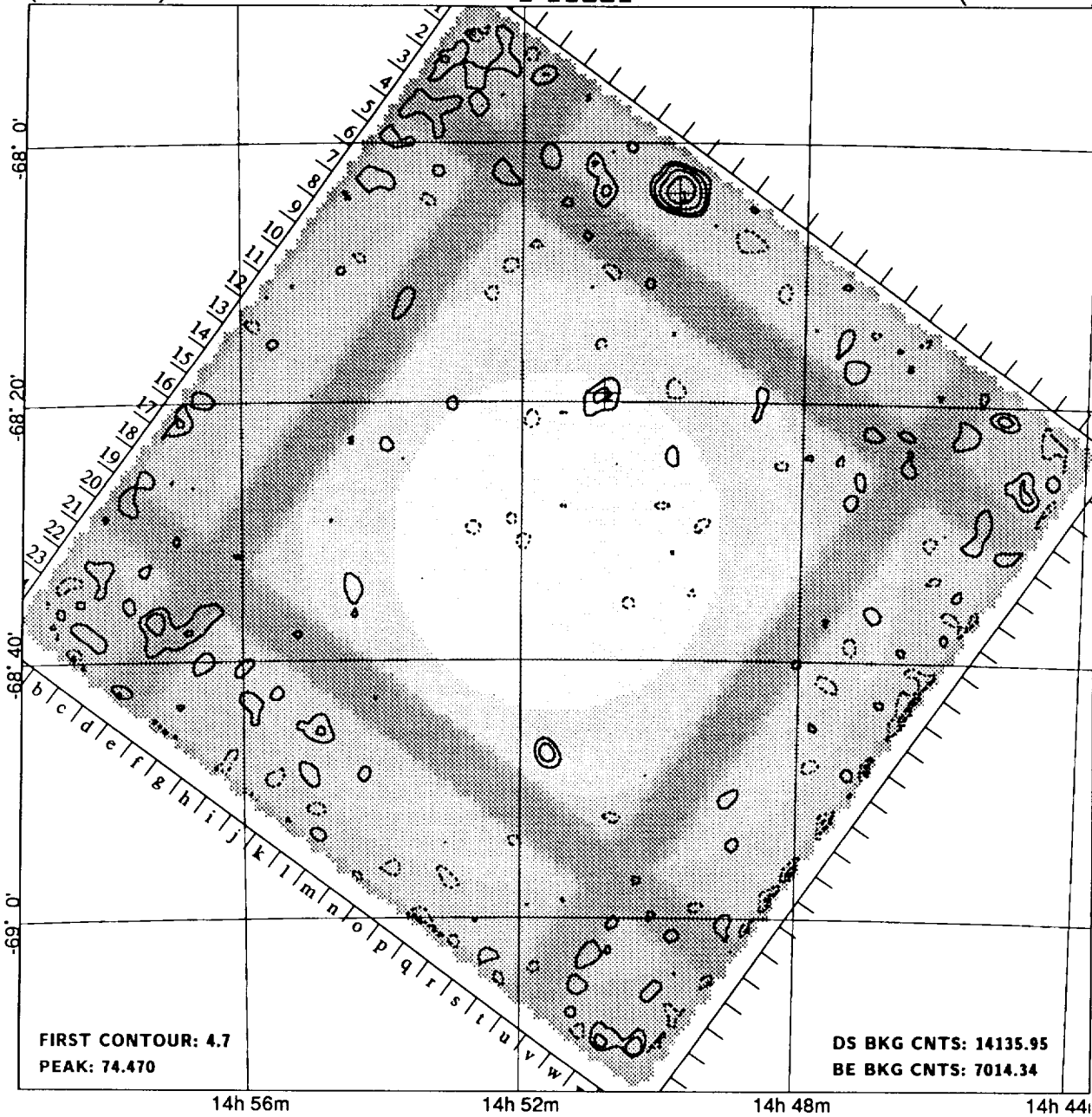
NH: 2.1E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
3339	1L	14 50 35.0	16 54 30	31	0.0221	0.0031	156.5	156.5	7.1	3.0	0	3.7		CLG

(14h 51m)

I 11221

(14h 51m)



MERGED FIELD; component Seq's: I 5926, I 5927.

FIELD CENTER: $14^h 51^m 29.1^s$ $-68^\circ 31' 29''$ (B1950)
 $14^h 56^m 00.2^s$ $-68^\circ 43' 37''$ (J2000)
 $l: 313.07$ $b: -8.54$

DATE: 1980/277 - 1980/277
 LIVETIME: 11454.9s
 ROLL ANGLE: 35.9°

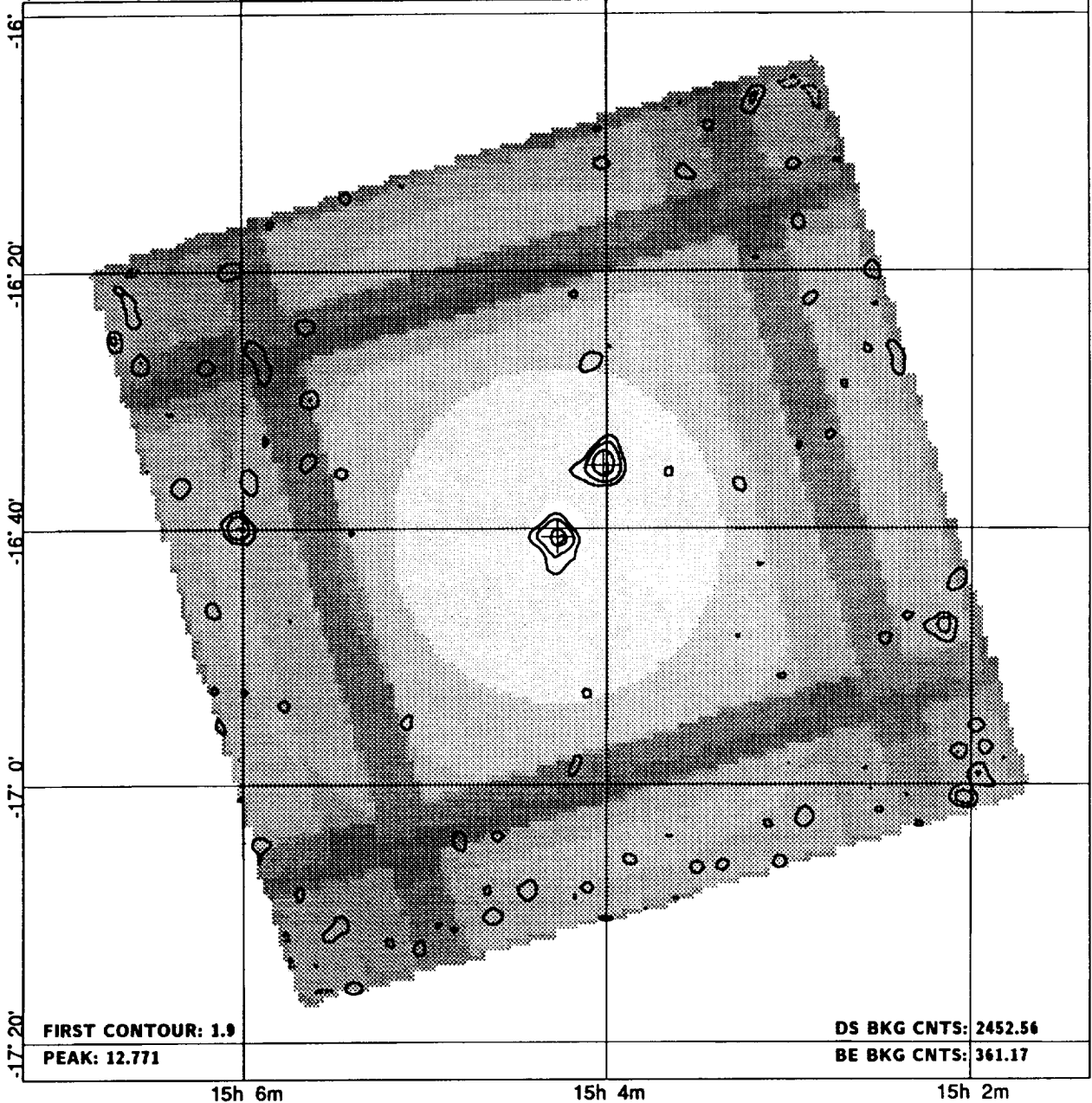
NH: $9.6E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
3338	1L	14 49 48.1	-68 03 52	48	0.0316	0.0037	134.9	50.1	8.3	1.1	0	29.1	
3342	2L	14 50 49.8	-68 19 18	43	0.0064	0.0016	47.1	40.9	4.0	0.9	0	12.7	

(15h 4m)

I 11023

(15h 4m)



MERGED FIELD; component Seq's: I 7307, I 7308.

FIELD CENTER: $15^{\text{h}}04^{\text{m}}16.5^{\text{s}}$ $-16^{\circ}40'56''$ (B1950)
 $15^{\text{h}}07^{\text{m}}04.8^{\text{s}}$ $-16^{\circ}52'27''$ (J2000)
 $l: 343.64$ $b: 35.06$

DATE: 1980/ 41 - 1980/211
 LIVETIME: 1987.4s

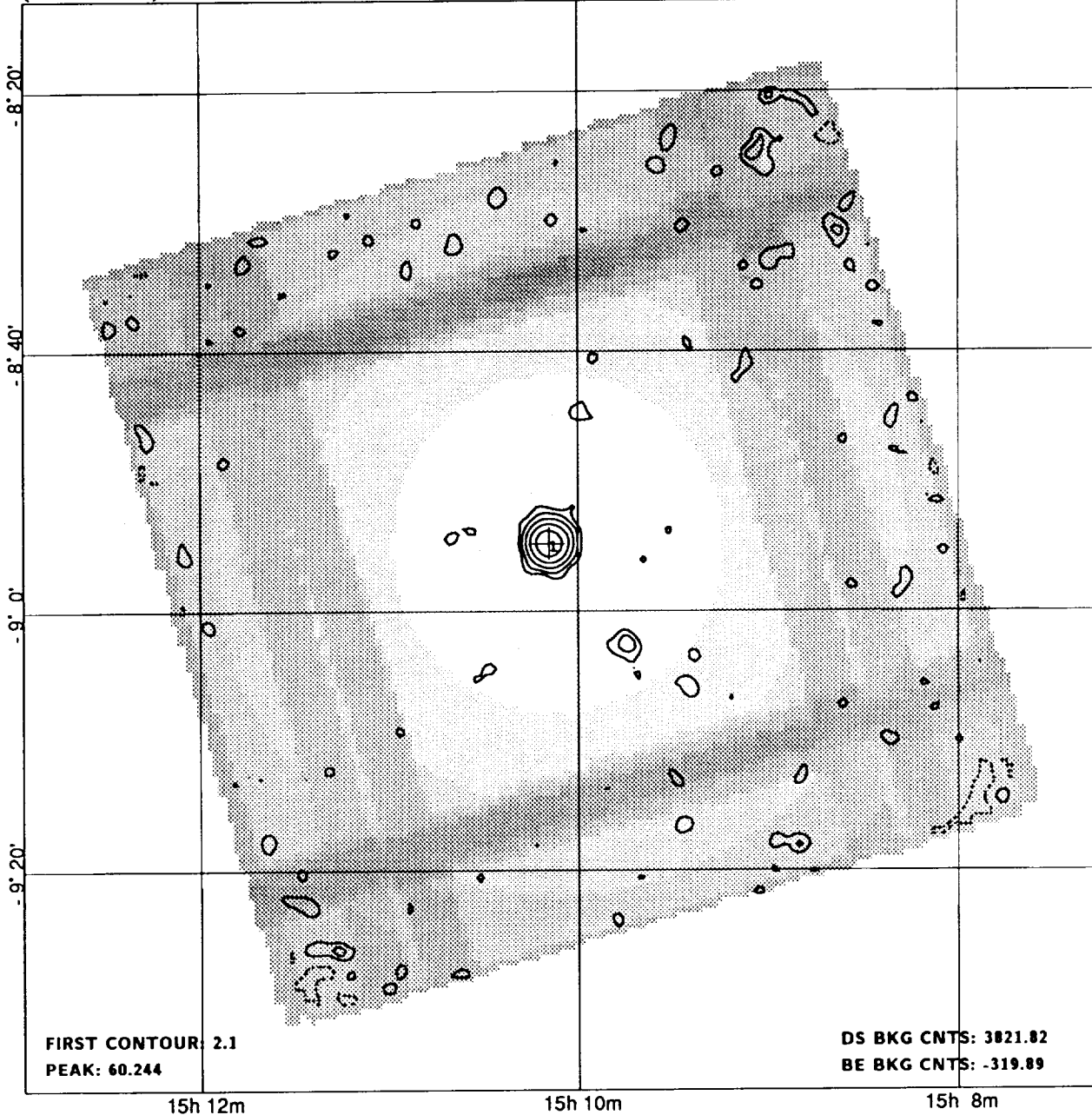
NH: $7.5\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm ''	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID
3381	1	15 04 01.2	-16 35 07	41	0.0367	0.0055	51.1	6.9	6.7	1.0	0	7.0		
3382	2	15 04 16.3	-16 40 38	35	0.0261	0.0046	38.8	7.2	5.7	1.1	0	0.4		Q

(15h 10m)

I 11037

(15h 10m)



MERGED FIELD; component Seq's: I 2052, I 2053.

FIELD CENTER: $15^h 10^m 06.0^s -08^\circ 54' 59''$ (B1950)
 $15^h 12^m 47.6^s -09^\circ 06' 12''$ (J2000)
 $l: 351.27 \quad b: 40.14$

DATE: 1979/215 - 1980/ 41
 LIVETIME: 3096.9s

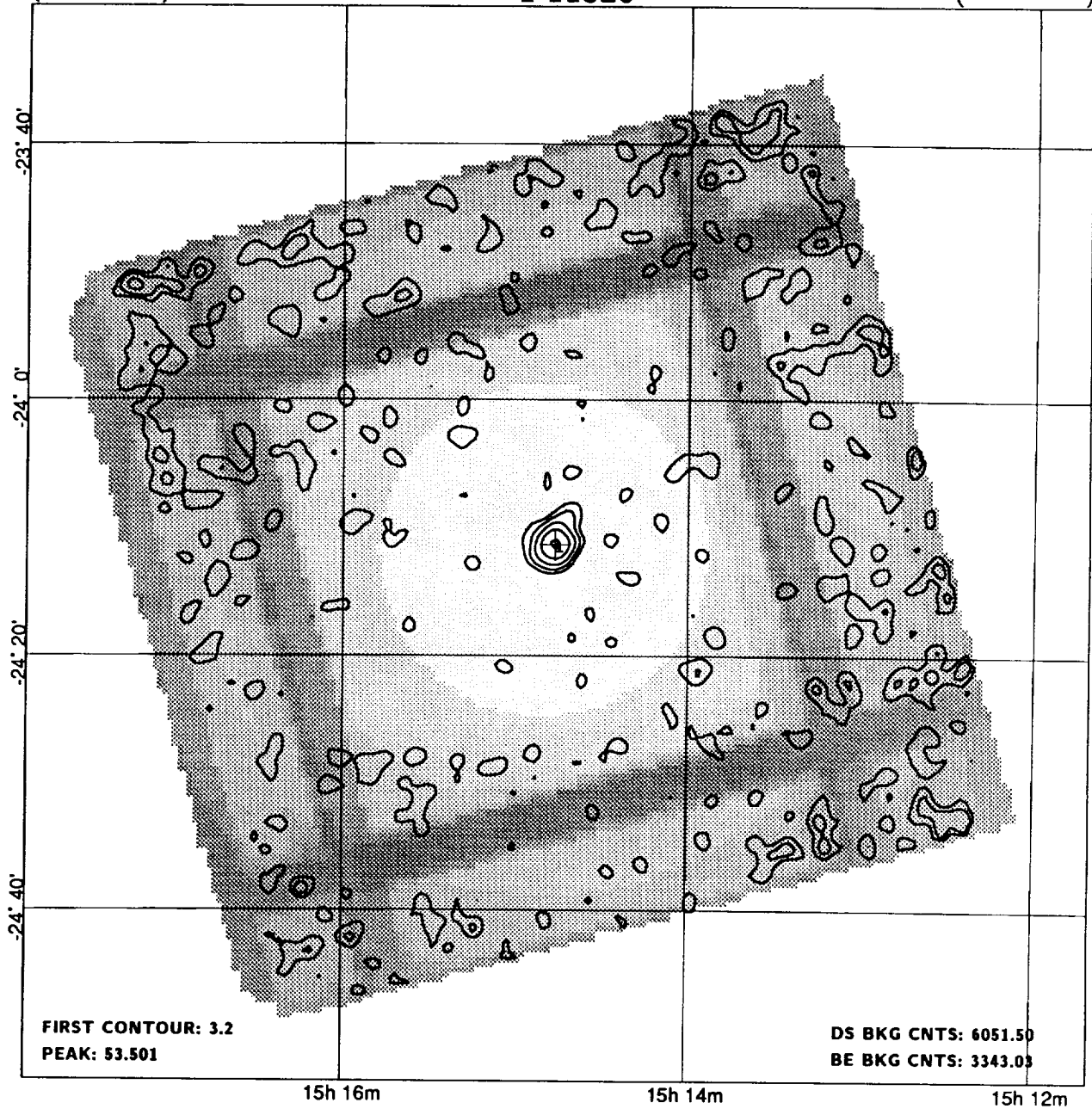
NH: $7.6E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
3390	1	15 10 09.3	-08 54 43	31	0.1098	0.0070	253.6	8.4	15.7	1.2	0	1.0	Q

(15h 14m)

I 11326

(15h 14m)



MERGED FIELD; component Seq's: I 7493, I 9647.

FIELD CENTER: $15^{\text{h}}14^{\text{m}}45.0^{\text{s}}$ $-24^{\circ}11'19''$ (B1950)
 $15^{\text{h}}17^{\text{m}}41.5^{\text{s}}$ $-24^{\circ}22'16''$ (J2000)
 $l: 340.68$ $b: 27.58$

DATE: 1981/ 39 - 1981/ 41
 LIVETIME: 4903.8s

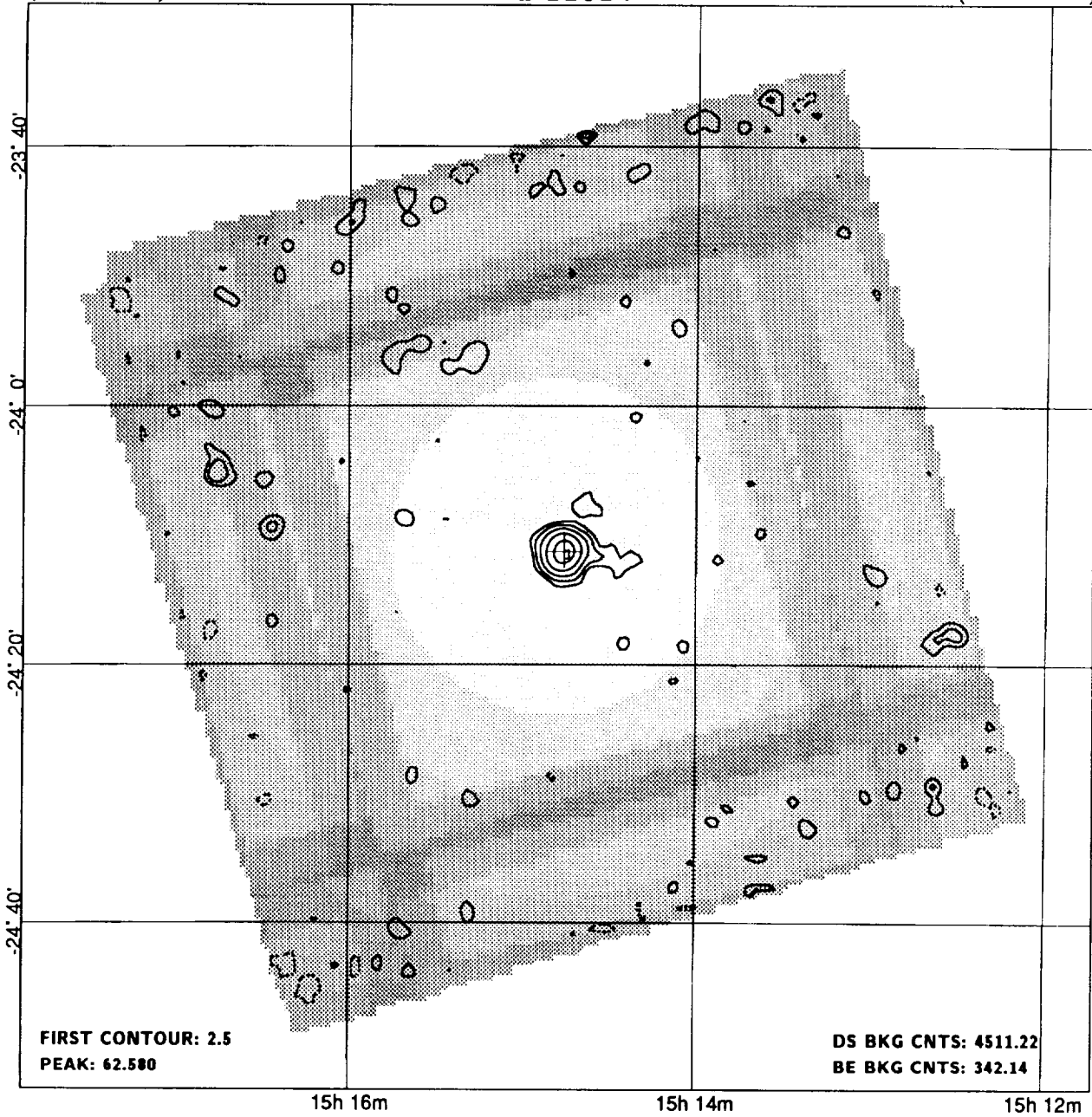
NH: $0.8E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
3408	1L	15 14 46.4	-24 11 18	31	0.0552	0.0048	202.0	35.0	11.3	1.1	0	0.3		BL

(15h 14m)

I 11014

(15h 14m)



MERGED FIELD; component Seq's: I 1997, I 1998.

FIELD CENTER: $15^h 14^m 48.0^s$ $-24^\circ 10' 59''$ (B1950)
 $15^h 17^m 44.5^s$ $-24^\circ 21' 56''$ (J2000)
 $l: 340.69$ $b: 27.58$

DATE: 1979/ 57 - 1979/215
 LIVETIME: 3655.6s

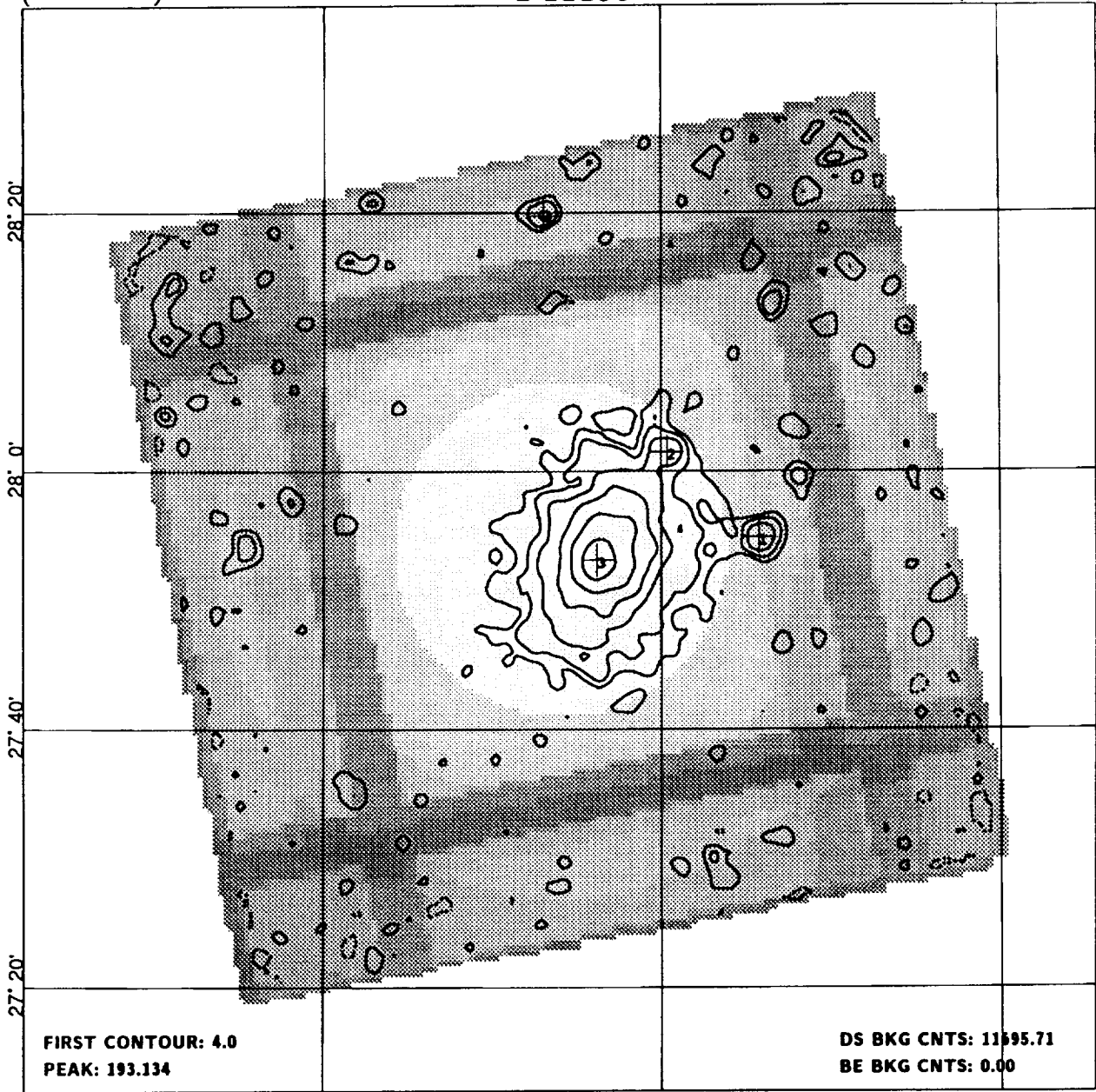
NH: $8.8E+20$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
3408	1	15 14 45.5	-24 11 16	31	0.0897	0.0059	244.7	12.3	15.3	1.3	0	0.7		BL

(15h 20m)

I 11156

(15h 20m)



15h 22m

15h 20m

15h 18m

MERGED FIELD; component Seq's: I 1795, I 1796.

FIELD CENTER: $15^{\text{h}}20^{\text{m}}36.0^{\text{s}}$ $27^{\circ}53'59''$ (B1950)
 $15^{\text{h}}22^{\text{m}}42.6^{\text{s}}$ $27^{\circ}43'21''$ (J2000)
 $l: 42.88$ $b: 56.56$

DATE: 1979/30 - 1979/227
 LIVETIME: 9477.3s

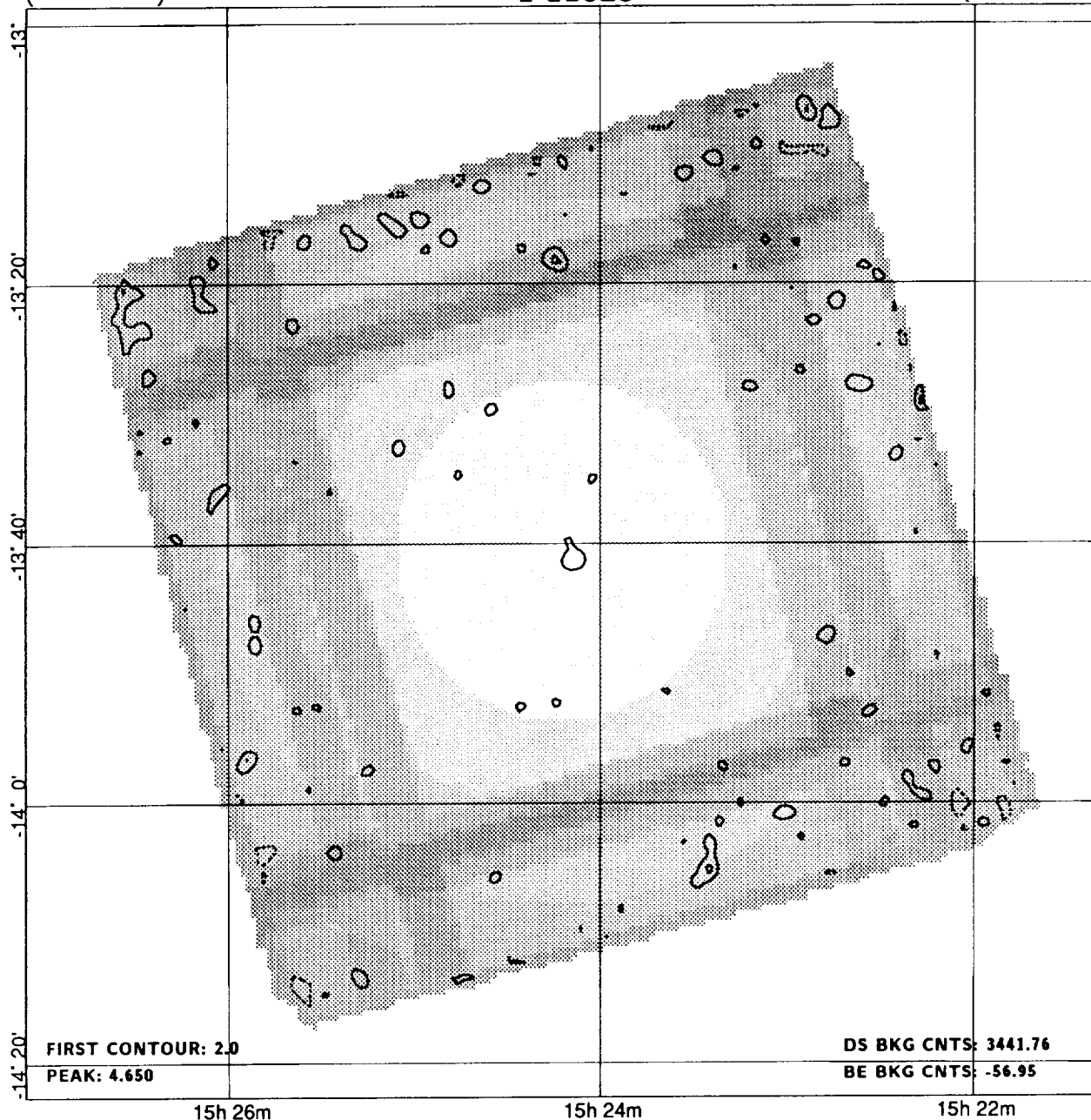
NH: $2.9\text{E}+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
3420	1L	15 19 25.3	27 54 56	48	0.0188	0.0024	103.9	27.1	7.7	45.2	0	15.6		AGN
3423	2L	15 19 58.0	28 01 28	38	0.0143	0.0024	88.5	57.5	6.0	44.5	0	11.4		
3426	3L	15 20 22.9	27 53 11	31	0.0600	0.0057	416.1	579.9	10.4	5.7	0	3.0		CLG
3428	4L	15 20 41.8	28 19 44	52	0.0099	0.0022	39.4	15.6	4.4	0.9	0	25.7		

(15h 24m)

I 11028

(15h 24m)



15h 26m

15h 24m

15h 22m

MERGED FIELD; component Seq's: I 3910, I 3911.

FIELD CENTER: $15^{\text{h}}24^{\text{m}}12.2^{\text{s}}$ $-13^{\circ}40'40''$ (B1950)
 $15^{\text{h}}26^{\text{m}}58.7^{\text{s}}$ $-13^{\circ}51'06''$ (J2000)
 $l: 350.47$ $b: 34.30$

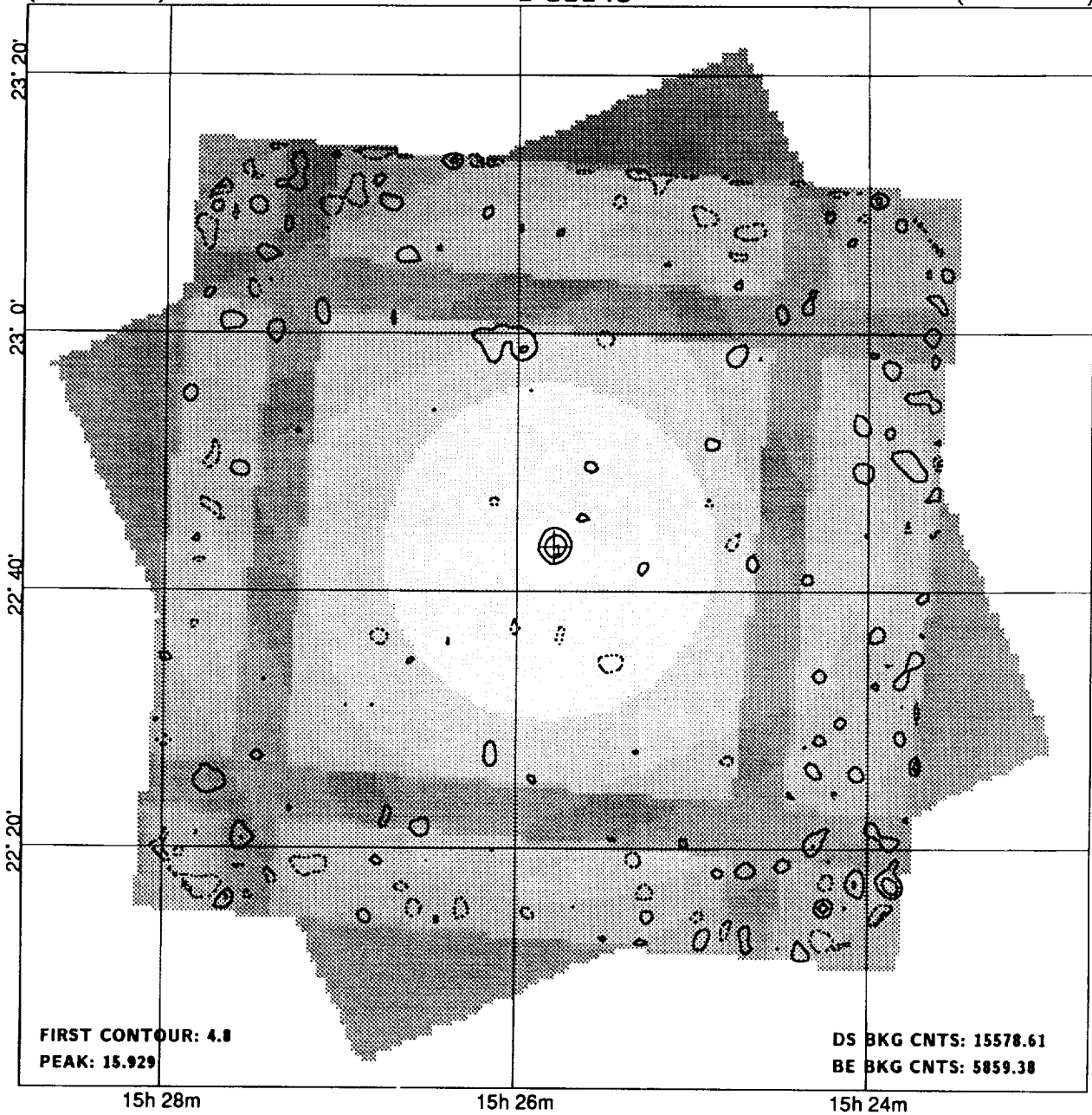
DATE: 1980/ 42 - 1980/213
 LIVETIME: 2789.0s

NH: $9.8\text{E}+20$
 REF/ID:
 FIELD FLAGS:

(15h 25m)

I 11145

(15h 25m)



MERGED FIELD; component Seq's: I 3974, I 10368.

FIELD CENTER: $15^h 25^m 46.1^s$ $22^\circ 43' 22''$ (B1950)
 $15^h 27^m 58.0^s$ $22^\circ 33' 02''$ (J2000)
 $l: 34.37$ $b: 54.34$

DATE: 1980/ 23 - 1981/ 65
 LIVETIME: 12623.8s

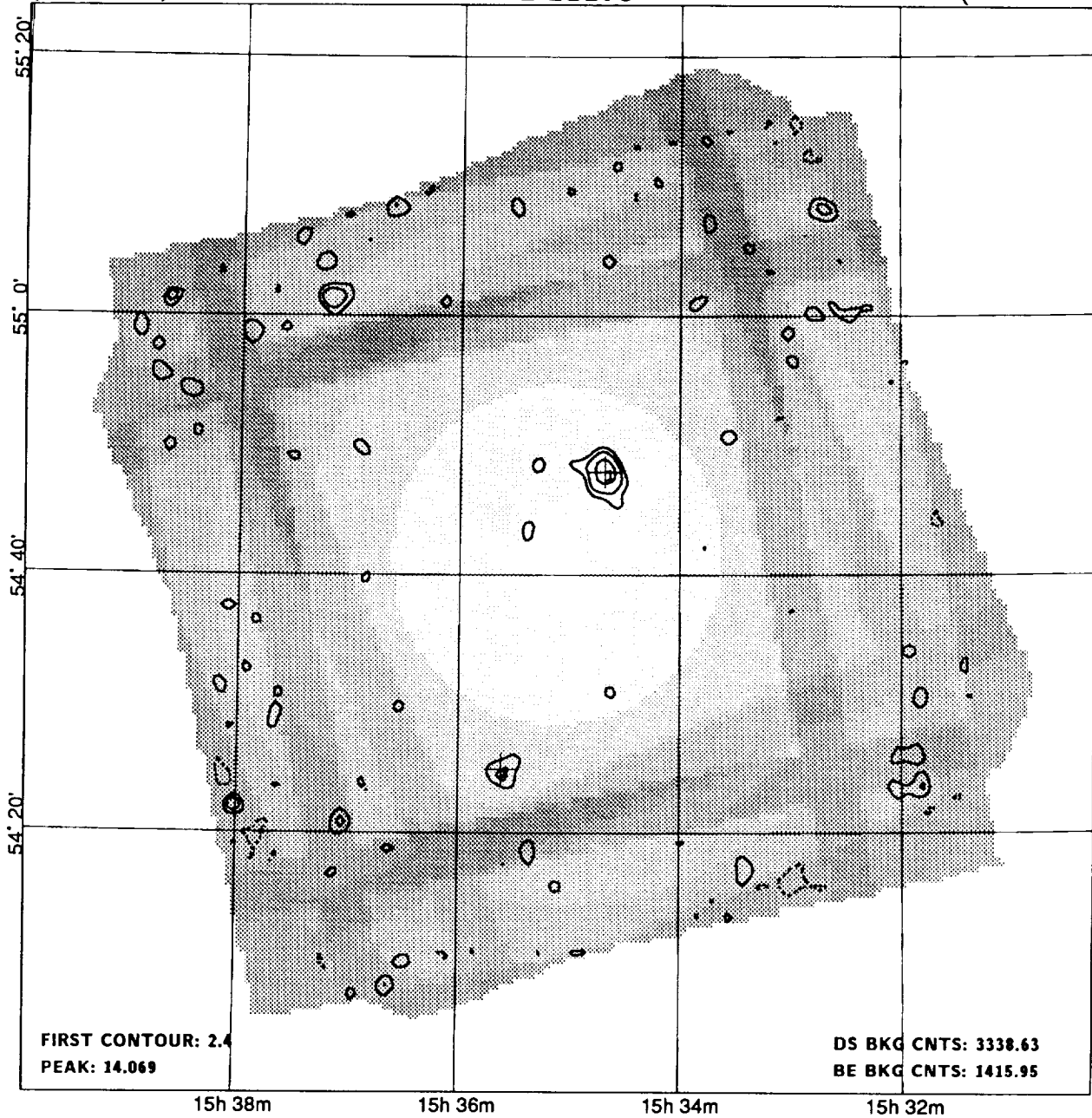
NH: 4.3E+20
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
3438	1L	15 25 47.3	22 43 25	35	0.0063	0.0014	59.2	55.8	4.4	0.8	0	0.3	Q

(15h 35m)

I 11179

(15h 35m)



MERGED FIELD; component Seq's: I 2627, I 10549.

FIELD CENTER: $15^h 35^m 06.0^s$ $54^\circ 41' 59''$ (B1950)
 $15^h 36^m 23.7^s$ $54^\circ 32' 10''$ (J2000)
l: 86.91 *b*: 49.44

DATE: 1979/210 - 1981/ 37
 LIVETIME: 2705.4s

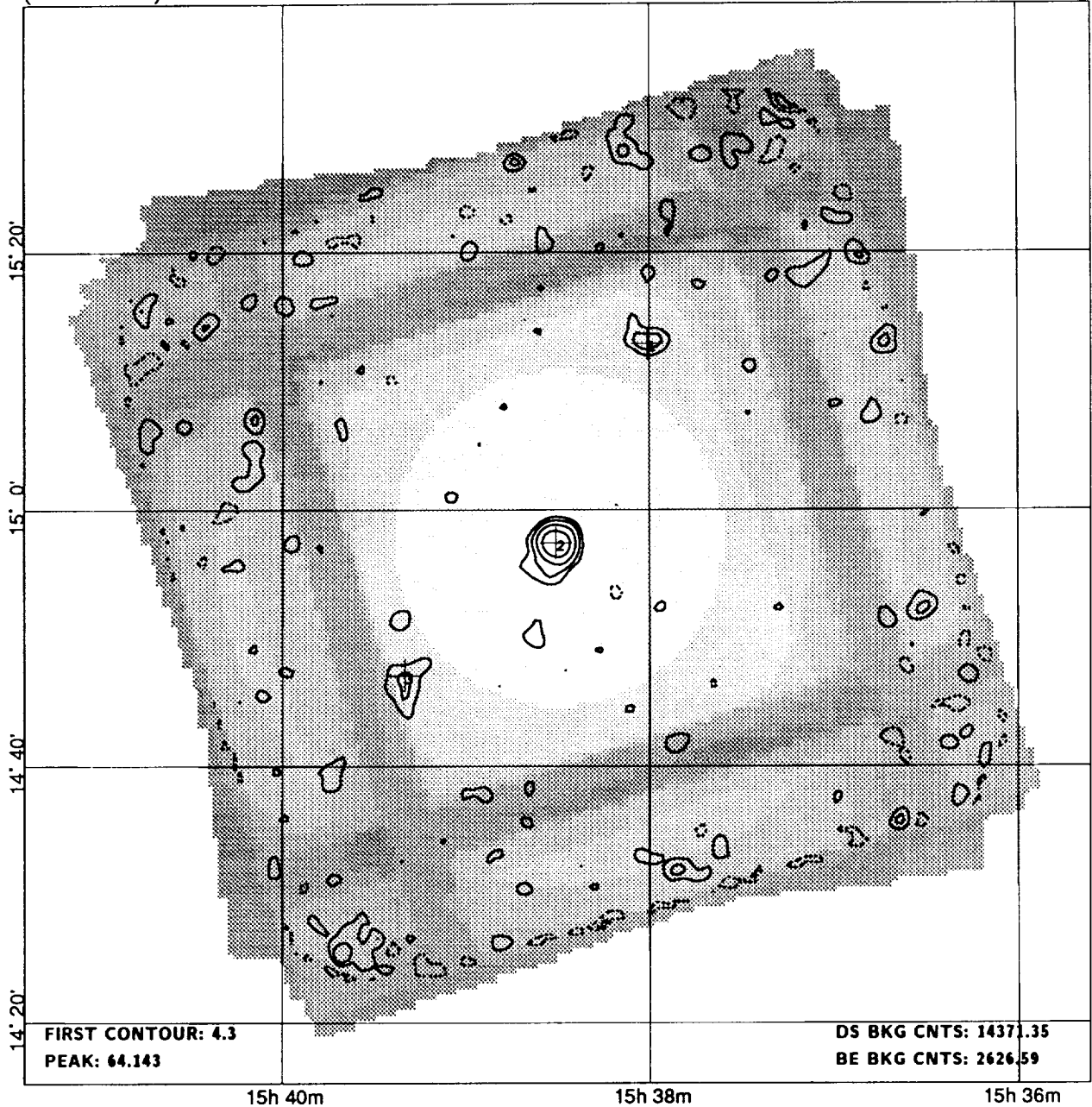
NH: 1.4E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
3473	1	15 34 40.7	54 47 56	41	0.0291	0.0043	54.8	11.2	6.7	1.1	0	7.0	
0	2	15 35 36.6	54 24 54	56	0.0127	0.0035	19.3	9.7	3.6	0.7	0	17.5	

(15h 38m)

I 11110

(15h 38m)



MERGED FIELD; component Seq's: I 3072, I 3073, I 7728.

FIELD CENTER: $15^{\text{h}}38^{\text{m}}30.0^{\text{s}}$ $14^{\circ}57'21''$ (B1950)
 $15^{\text{h}}40^{\text{m}}49.2^{\text{s}}$ $14^{\circ}47'45''$ (J2000)
 $l: 24.33$ $b: 48.80$

DATE: 1979/ 33 - 1980/220
LIVETIME: 11645.5s

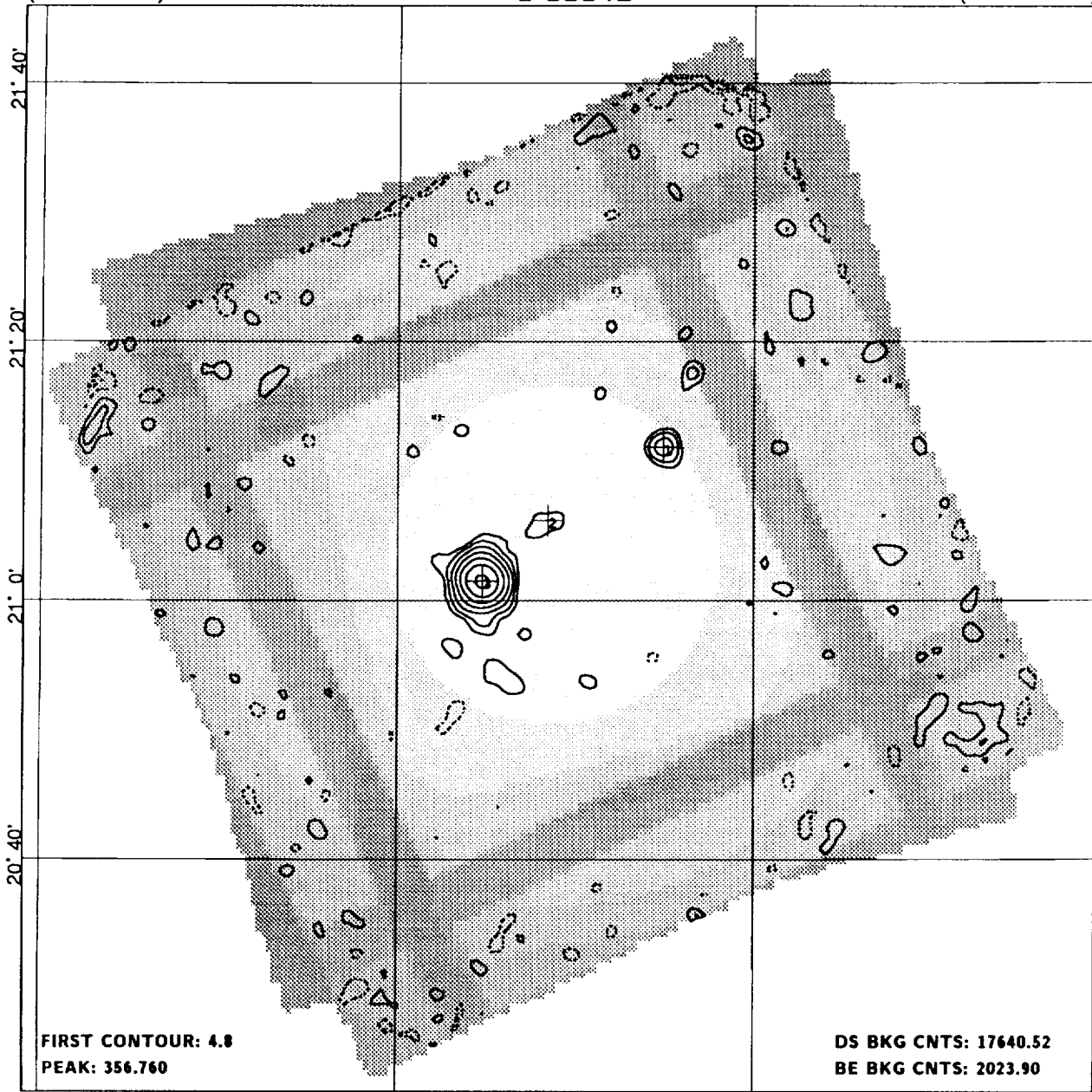
NH: 3.2E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
3485	1	15 38 00.6	15 12 57	53	0.0060	0.0013	39.2	30.8	4.7	0.9	0	17.0		
3486	2	15 38 30.6	14 57 25	31	0.0322	0.0021	279.7	43.3	15.6	1.2	0	0.2		BL
0	3	15 39 20.1	14 47 05	55	0.0045	0.0012	30.0	33.0	3.8	1.2	0	16.1		

(15h 45m)

I 11142

(15h 45m)



MERGED FIELD; component Seq's: I 315, I 6069.

FIELD CENTER: 15^h45^m06.0^s 21°03'59" (B1950)
 15^h47^m18.3^s 20°54'47" (J2000)
 l : 33.91 b : 49.56

DATE: 1979/225 - 1980/ 25
 LIVETIME: 14294.8s

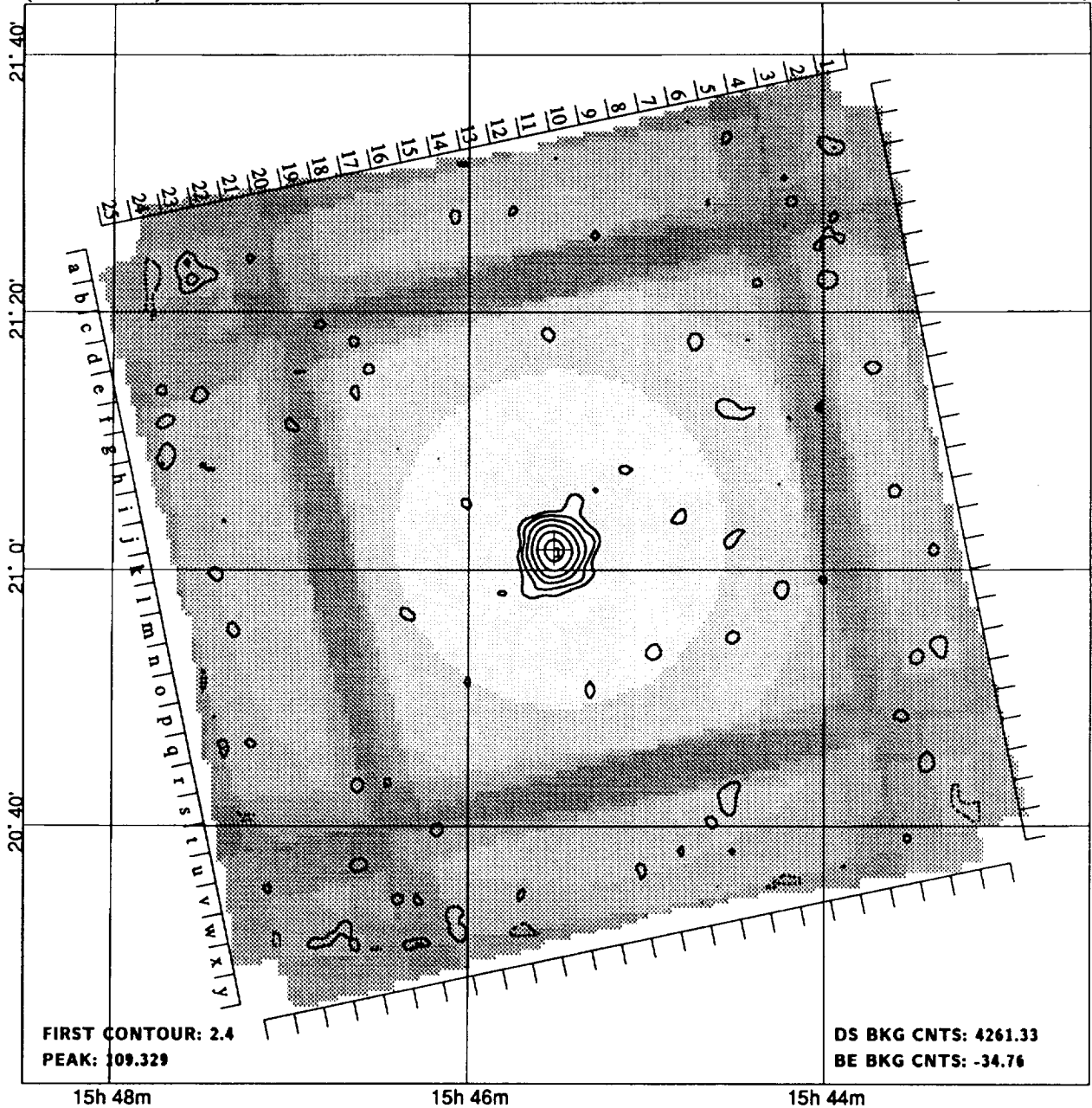
NH: 4.3E+20
 REF/ID:
 FIELD FLAGS: D

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
3495	1	15 44 30.4	21 11 56	38	0.0097	0.0012	89.1	39.9	7.8	0.8	0	11.5	
3498	2	15 45 09.4	21 06 13	37	0.00354	0.00091	37.0	53.0	3.9	0.7	0	2.4	
3500	3	15 45 31.3	21 01 32	37	0.1478	0.0039	1493.4	48.6	38.0	1.3	0	6.4	*

(15h 45m)

I 11141

(15h 45m)



MERGED FIELD; component Seq's: I 2054, I 2055.

FIELD CENTER: $15^h 45^m 30.0^s$ $21^\circ 01' 59''$ (B1950)
 $15^h 47^m 42.4^s$ $20^\circ 52' 49''$ (J2000)
 $l: 33.91$ $b: 49.46$

DATE: 1979/225 - 1979/242
 LIVETIME: 3453.1s
 ROLL ANGLE: 78.3°

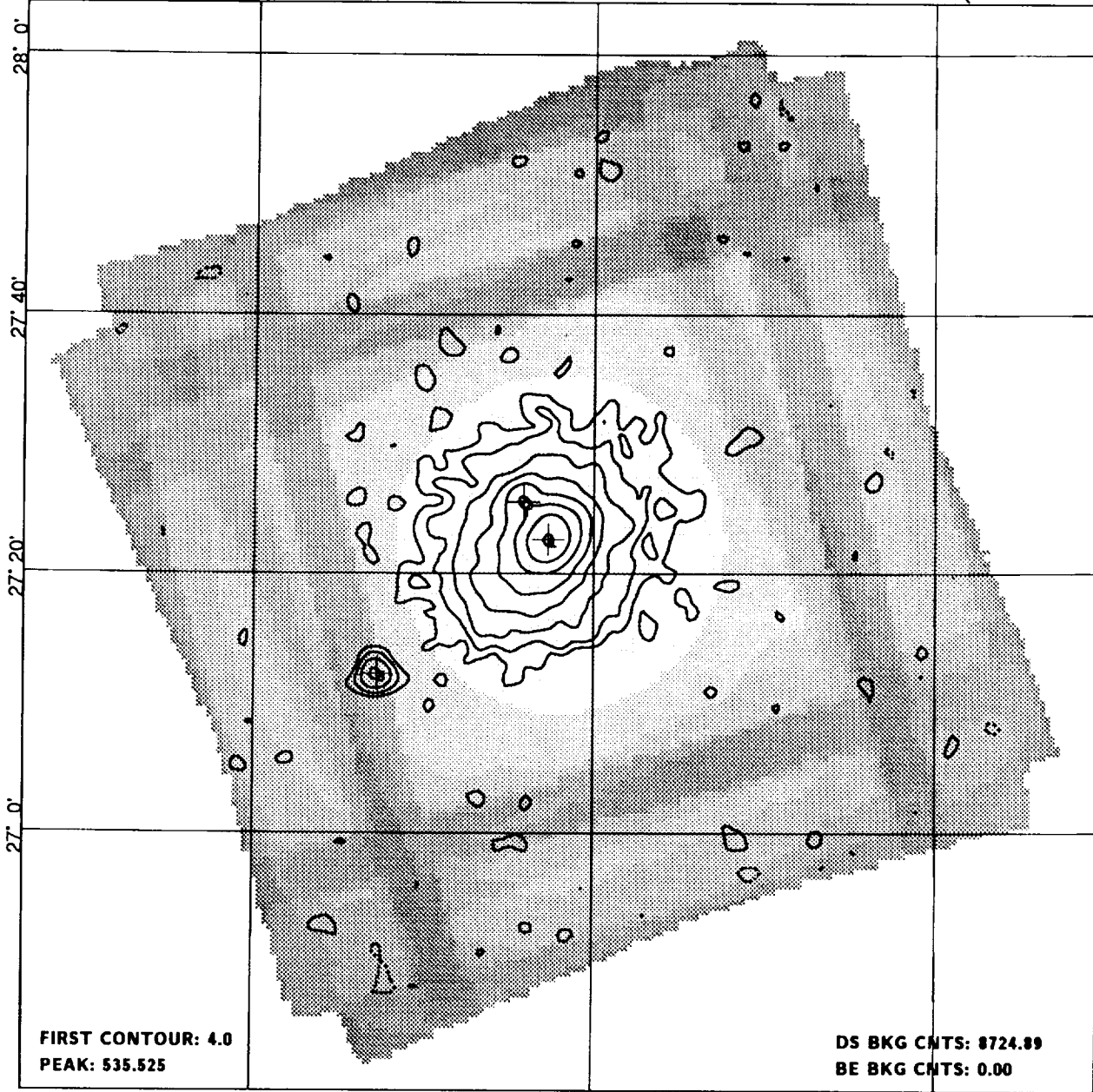
NH: $4.3E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
3500	1	15 45 31.2	21 01 35	31	0.1786	0.0084	458.4	10.6	21.2	1.4	0	0.6	*

(15h 56m)

I 11155

(15h 56m)



MERGED FIELD; component Seq's: I 1798, I 1799.

FIELD CENTER: $15^{\text{h}}56^{\text{m}}12.0^{\text{s}}$ $27^{\circ}21'59''$ (B1950)
 $15^{\text{h}}58^{\text{m}}16.1^{\text{s}}$ $27^{\circ}13'28''$ (J2000)
 $l: 44.21$ $b: 48.70$

DATE: 1979/ 29 - 1979/227
 LIVETIME: 7070.0s

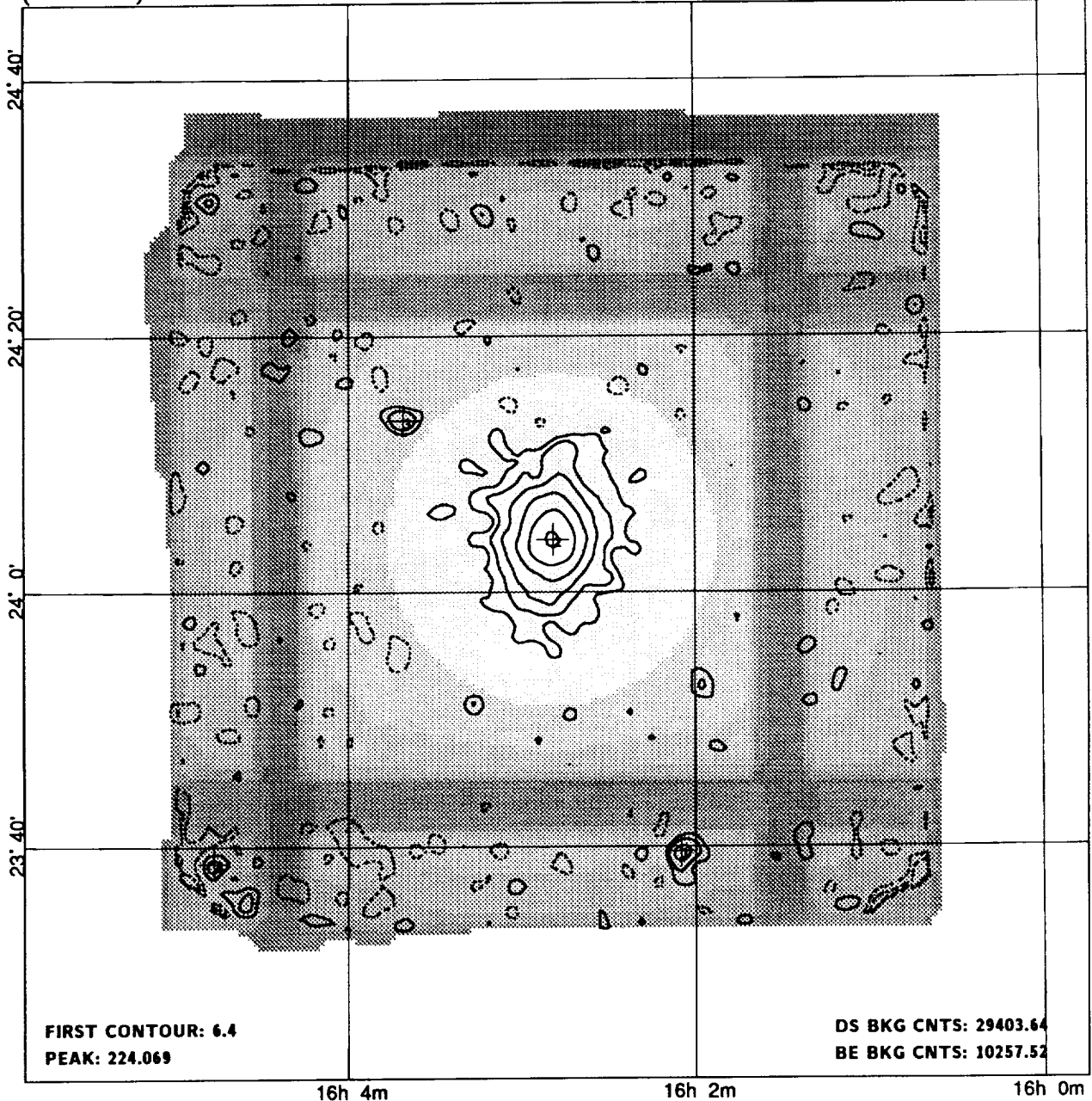
NH: $3.9\text{E}+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
3541	1L	15 56 16.1	27 22 39	31	0.299	0.012	1571.3	1181.7	24.5	3.8	0	1.1		CLG
3542	2L	15 56 24.9	27 25 30	31	0.0344	0.0065	175.8	489.2	5.2	15.1	0	4.7		*
3546	3L	15 57 16.5	27 12 13	48	0.0240	0.0032	93.5	24.5	7.3	1.1	0	17.4		AGN

(16h 2m)

I 11148

(16h 2m)



MERGED FIELD; component Seq's: I 2606, I 10543.

FIELD CENTER: $16^h 02^m 47.9^s$ $24^\circ 03' 59''$ (B1950)
 $16^h 04^m 55.6^s$ $23^\circ 55' 53''$ (J2000)
 $l: 39.95$ $b: 46.50$

DATE: 1979/ 59 - 1981/ 64
 LIVETIME: 23826.6s

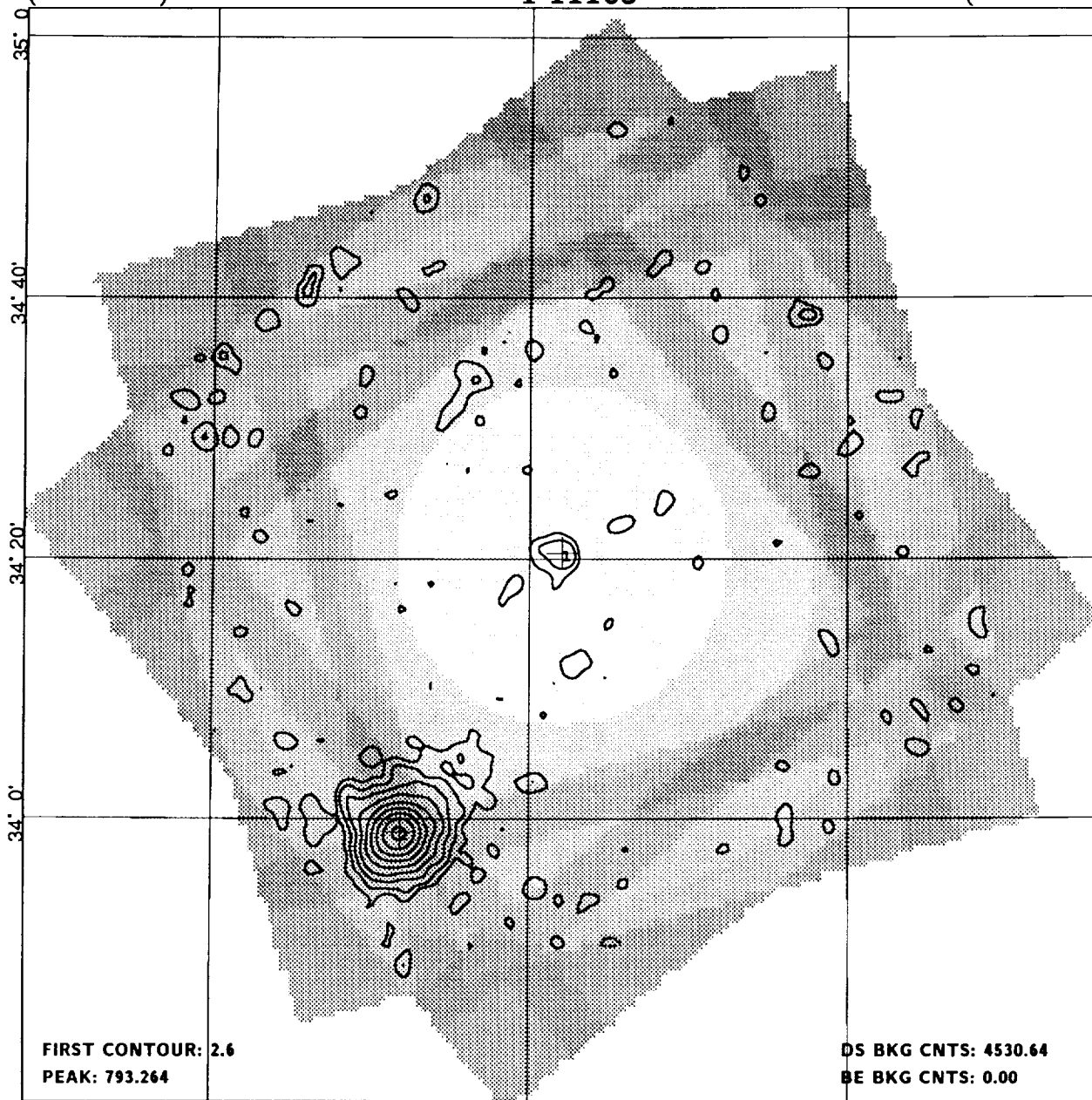
NH: 4.9E+20
 REF/ID: !
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
0	1L	16 02 05.0	23 39 37	50	0.0066	0.0014	64.0	65.0	4.5	1.0	0	26.3		
3581	2L	16 02 49.1	24 04 07	31	0.0307	0.0025	545.9	686.1	12.4	3.6	0	0.4		CLG
3588	3L	16 03 41.0	24 13 28	50	0.0052	0.0011	72.7	77.3	4.7	0.8	0	15.4		
3591	4L	16 04 46.3	23 38 42	55	0.0075	0.0019	43.2	32.8	4.0	0.8	0	37.0		

(16h 11m)

I 11165

(16h 11m)



16h 14m

16h 12m

16h 10m

MERGED FIELD; component Seq's: I 7309, I 7310.

FIELD CENTER: $16^h 11^m 47.8^s$ $34^\circ 20' 17''$ (B1950)
 $16^h 13^m 40.9^s$ $34^\circ 12' 45''$ (J2000)
 $l: 55.15$ $b: 46.38$

DATE: 1980/228 - 1981/ 10
 LIVETIME: 3671.3s

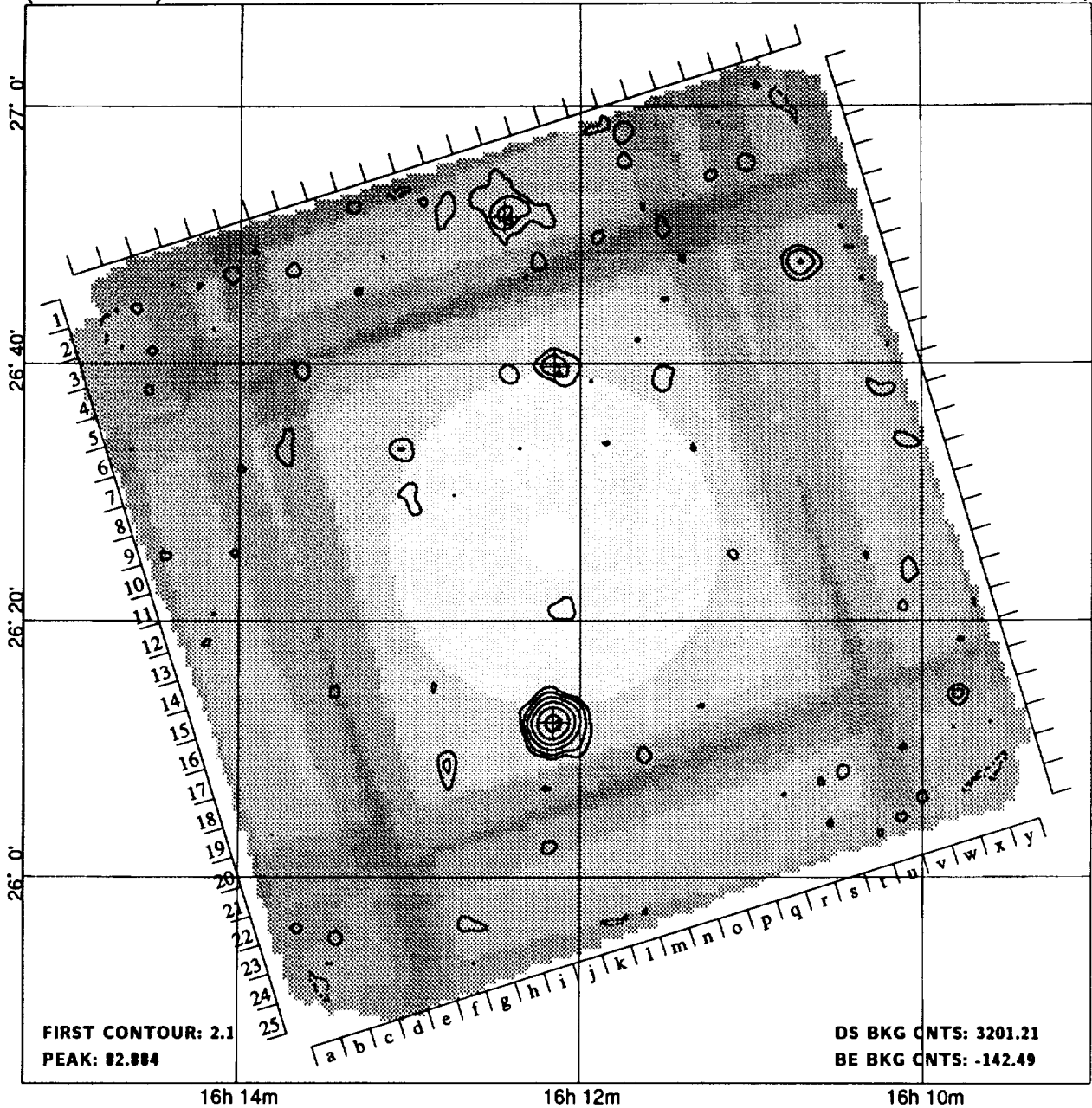
NH: $1.6E+20$
 REF/ID: !
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
0	1L	16 11 47.7	34 20 27	35	0.0131	0.0032	35.9	18.1	4.0	1.1	0	0.2		Q
3618	2L	16 12 48.7	33 58 59	47	*0.530	0.073	848.0	367.0	7.2	1.5	1108	24.8		S

(16h 12m)

I 11151

(16h 12m)



MERGED FIELD; component Seq's: I 2056, I 2057.

FIELD CENTER: $16^{\text{h}}12^{\text{m}}07.9^{\text{s}}$ $26^{\circ}25'59''$ (B1950)
 $16^{\text{h}}14^{\text{m}}12.1^{\text{s}}$ $26^{\circ}18'29''$ (J2000)
 $l: 43.99$ $b: 45.03$

DATE: 1979/ 29 - 1979/228
 LIVETIME: 2594.0s
 ROLL ANGLE: -17.3°

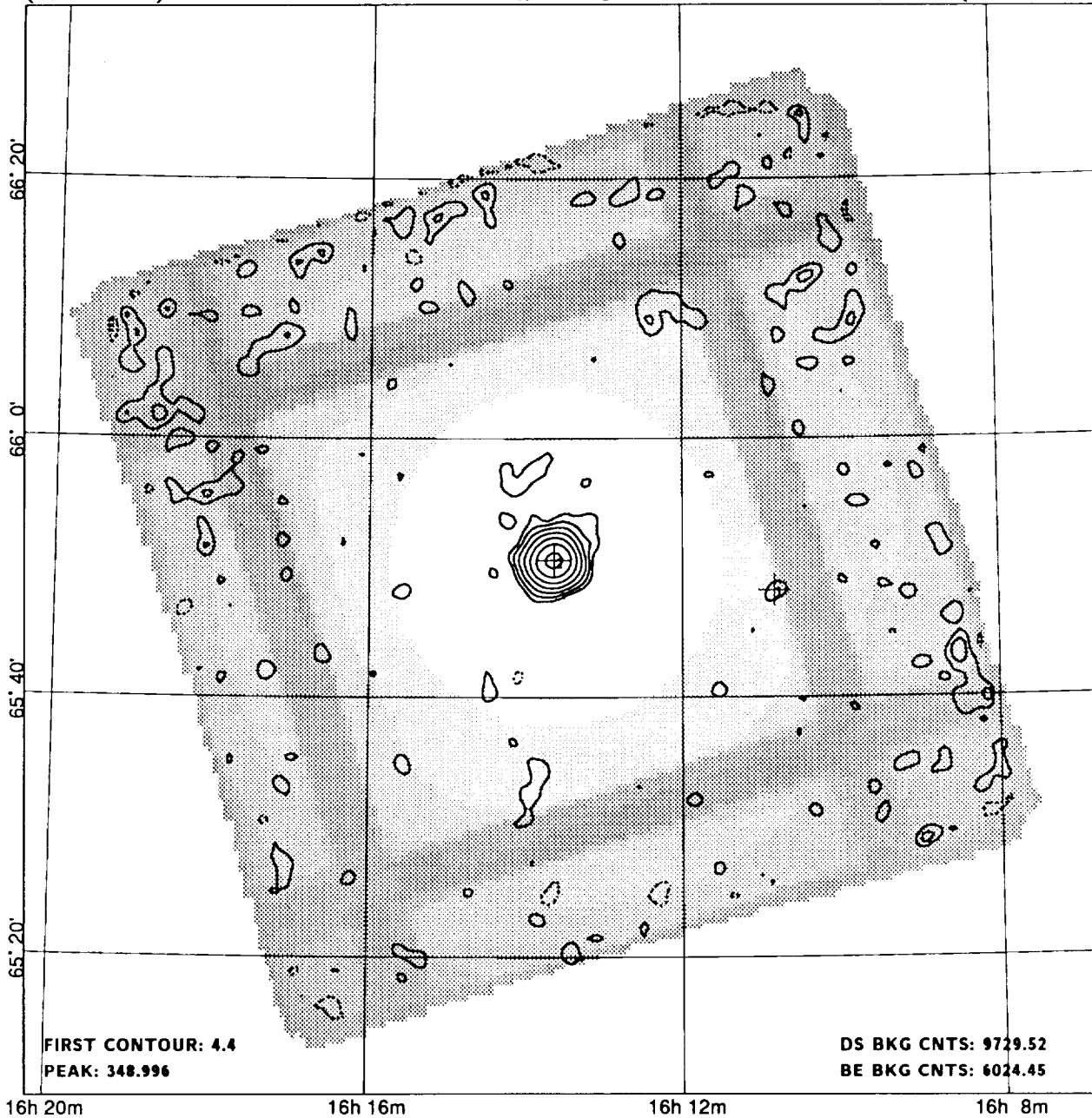
NH: $4.0\text{E}+20$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
3616	1	16 12 09.2	26 39 46	43	0.0127	0.0032	20.4	6.6	3.9	0.9	0	13.7		Q
3617	2	16 12 09.6	26 12 00	38	0.176	0.011	277.8	6.2	16.5	1.2	0	14.0		Q
0	3	16 12 27.0	26 51 24	54	0.0192	0.0046	21.1	4.9	4.1	1.5	0	26.1		CLG

(16h 13m)

I 11194

(16h 13m)



MERGED FIELD; component Seq's: I 5385, I 10375, I 10394, I 10395, I 10396, I 10

FIELD CENTER: $16^h 13^m 33.4^s$ $65^\circ 51' 25''$ (B1950)
 $16^h 13^m 54.2^s$ $65^\circ 43' 57''$ (J2000)
 $l: 98.29$ $b: 40.37$

DATE: 1979/311 - 1981/ 41
 LIVETIME: 7884.1s

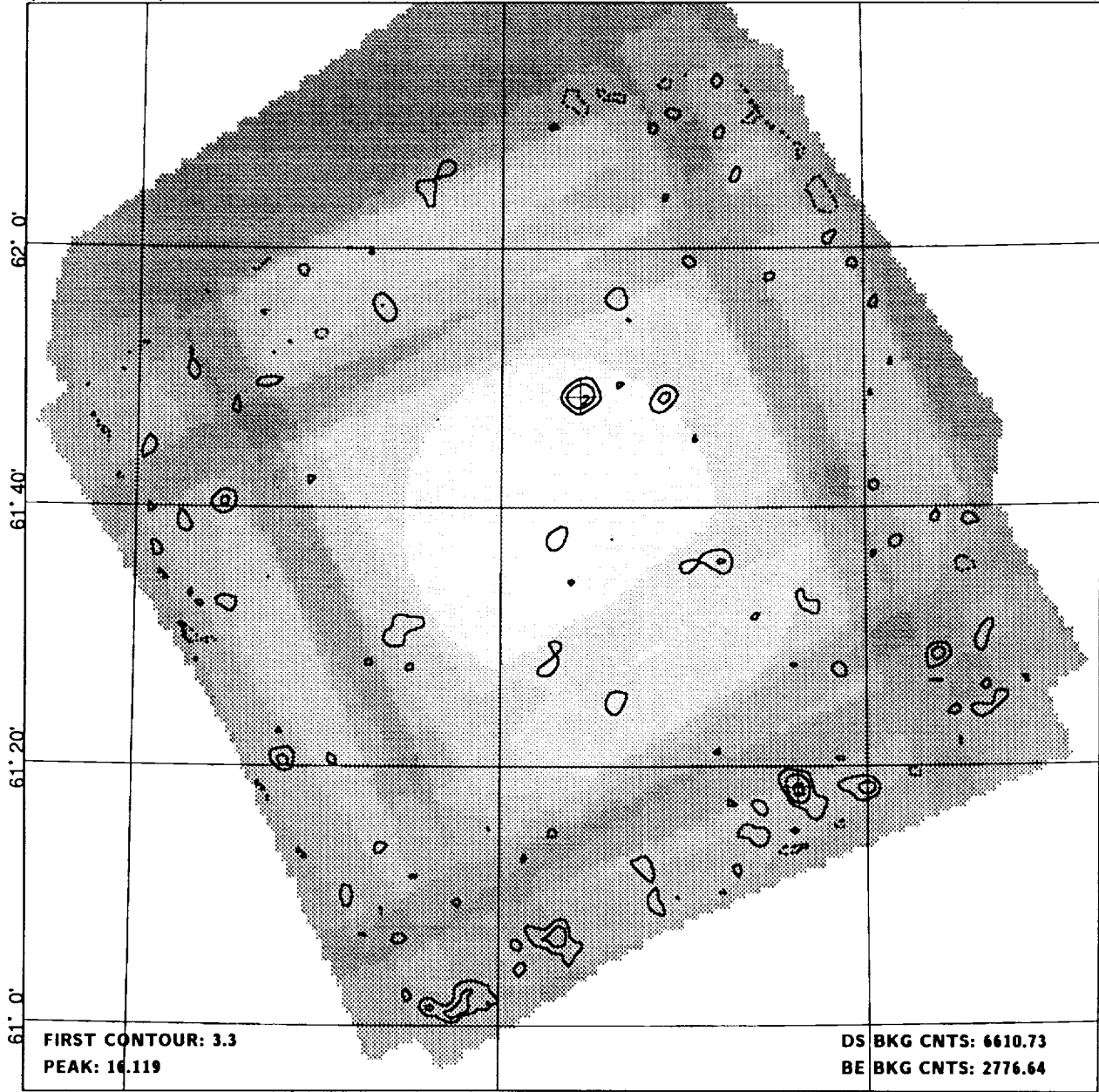
NH: 2.9E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
0	1L	16 10 49.8	65 48 18	60	*0.0081	0.0021	35.5	16.3	3.6	0.5	601	17.0	
3624	2	16 13 38.0	65 50 39	31	0.2576	0.0067	1515.7	40.3	38.4	1.3	0	0.9	*

(16h 23m)

I 11183

(16h 23m)



MERGED FIELD; component Seq's: I 4417, I 5503.

FIELD CENTER: $16^h 23^m 18.9^s$ $61^\circ 36' 59''$ (B1950)
 $16^h 24^m 00.0^s$ $61^\circ 30' 10''$ (J2000)
 $l: 92.57$ $b: 40.95$

DATE: 1979/211 - 1979/311
 LIVETIME: 5356.9s

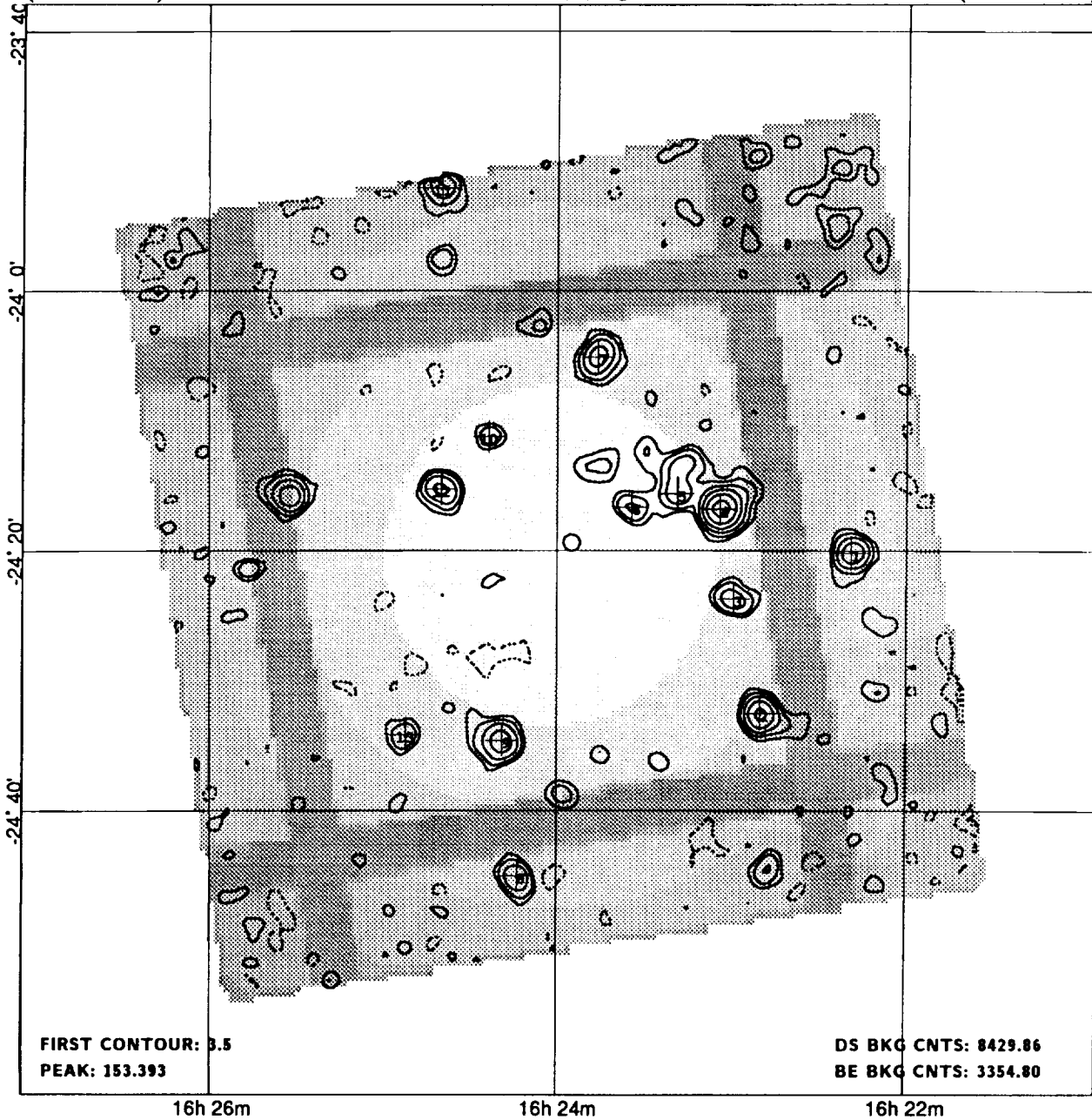
NH: 2.3E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
0	1	16 20 45.3	61 18 22	55	0.0122	0.0031	22.9	12.1	3.9	1.0	0	26.2	
0	2	16 23 07.6	61 48 35	42	0.0125	0.0022	45.5	21.5	5.6	0.9	0	11.4	

(16h 23m)

I 11245

(16h 23m)



MERGED FIELD; component Seq's: I 9541, I 9542, I 9543.

FIELD CENTER: $16^{\text{h}}23^{\text{m}}59.9^{\text{s}}$ $-24^{\circ}19'58''$ (B1950)
 $16^{\text{h}}27^{\text{m}}01.4^{\text{s}}$ $-24^{\circ}26'40''$ (J2000)
 $l: 353.13$ $b: 16.78$

DATE: 1981/ 39 - 1981/ 43
 LIVETIME: 6031.0s

NH: 1.4E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
3662	1L	16 22 18.8	-24 20 10	48	0.0345	0.0042	106.8	20.2	8.1	1.0	0	23.0	
3668	2L	16 22 49.9	-24 32 32	47	0.0456	0.0044	157.5	20.5	10.1	1.0	400	20.3	
3670	3L	16 22 59.2	-24 23 41	41	0.0155	0.0028	63.2	26.8	5.5	0.9	0	14.3	
3672	4L	16 23 03.9	-24 16 45	37	0.1100	0.0060	459.2	33.8	18.3	1.5	0	13.1	
0	5L	16 23 18.5	-24 15 33	38	0.0107	0.0029	48.0	60.0	3.6	8.0	0	10.4	
3683	6L	16 23 34.3	-24 16 37	41	0.0118	0.0023	56.0	29.0	5.0	15.4	0	6.7	
3685	7L	16 23 46.0	-24 05 04	48	0.0271	0.0035	107.1	35.9	7.5	1.0	0	15.1	
3687	8L	16 24 13.7	-24 45 02	50	0.0214	0.0036	63.7	17.3	5.7	0.9	500	25.3	
3688	9L	16 24 18.9	-24 34 33	48	0.0323	0.0037	132.3	35.7	8.7	1.1	0	15.3	
3689	10L	16 24 23.7	-24 11 12	41	0.0105	0.0021	47.5	19.5	4.8	0.7	0	10.2	

Source Table cont.

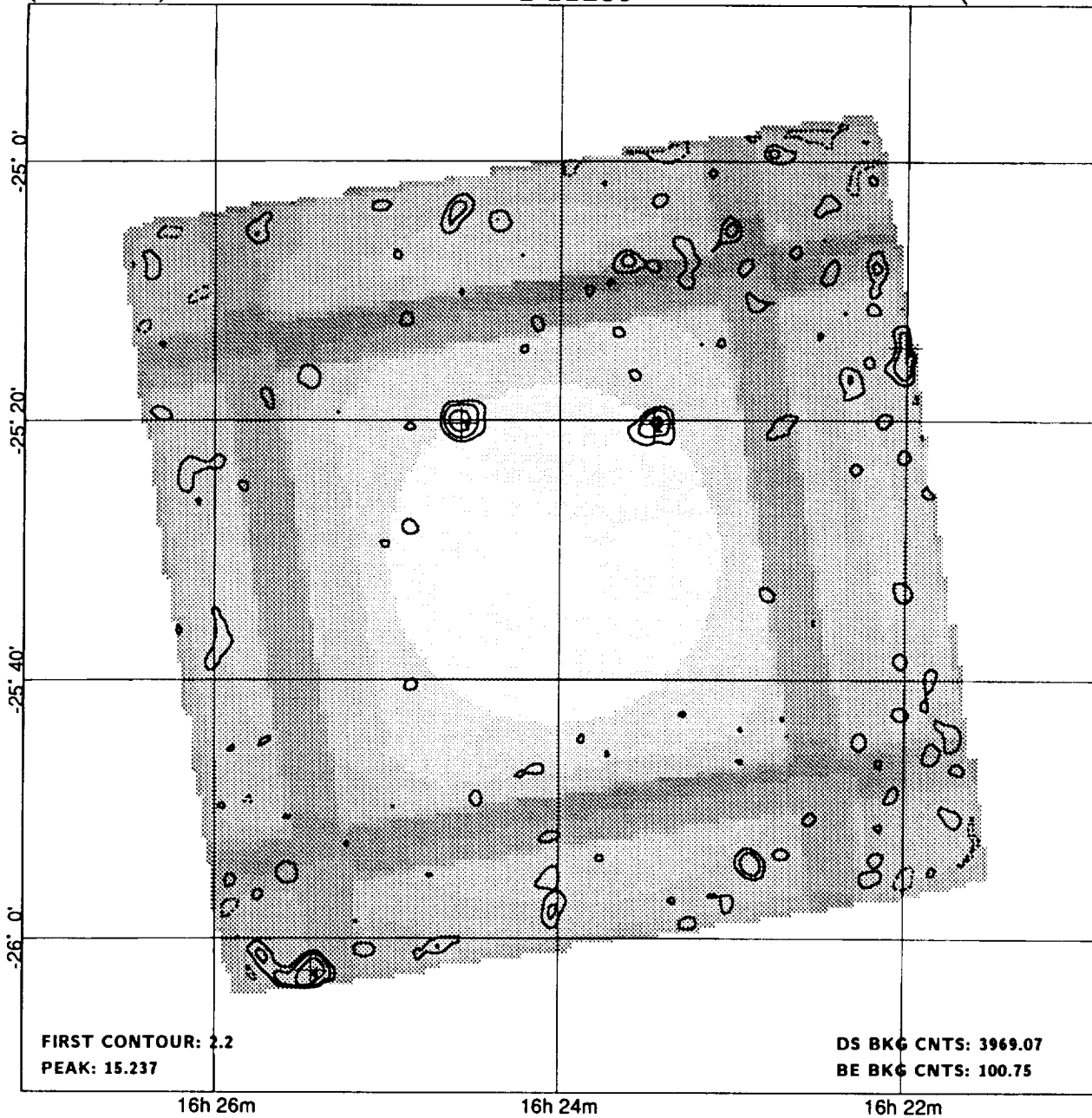
I 11245 cont.

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
3695	11L	16 24 40.0	-23 52 04	50	*0.0271	0.0068	53.5	29.0	3.8	1.0	703	29.4	
3694	12L	16 24 40.0	-24 15 12	38	0.0268	0.0031	121.9	24.1	8.7	0.9	0	10.4	
3696	13L	16 24 52.3	-24 34 06	51	0.0118	0.0025	43.9	18.1	4.6	0.7	0	18.3	

(16h 24m)

I 11239

(16h 24m)



MERGED FIELD; component Seq's: I 3828, I 8375.

FIELD CENTER: $16^{\text{h}}24^{\text{m}}00.0^{\text{s}}$ $-25^{\circ}29'59''$ (B1950)
 $16^{\text{h}}27^{\text{m}}03.0^{\text{s}}$ $-25^{\circ}36'41''$ (J2000)
 $l: 352.22$ $b: 16.00$

DATE: 1979/250 - 1981/ 38
 LIVETIME: 3216.3s

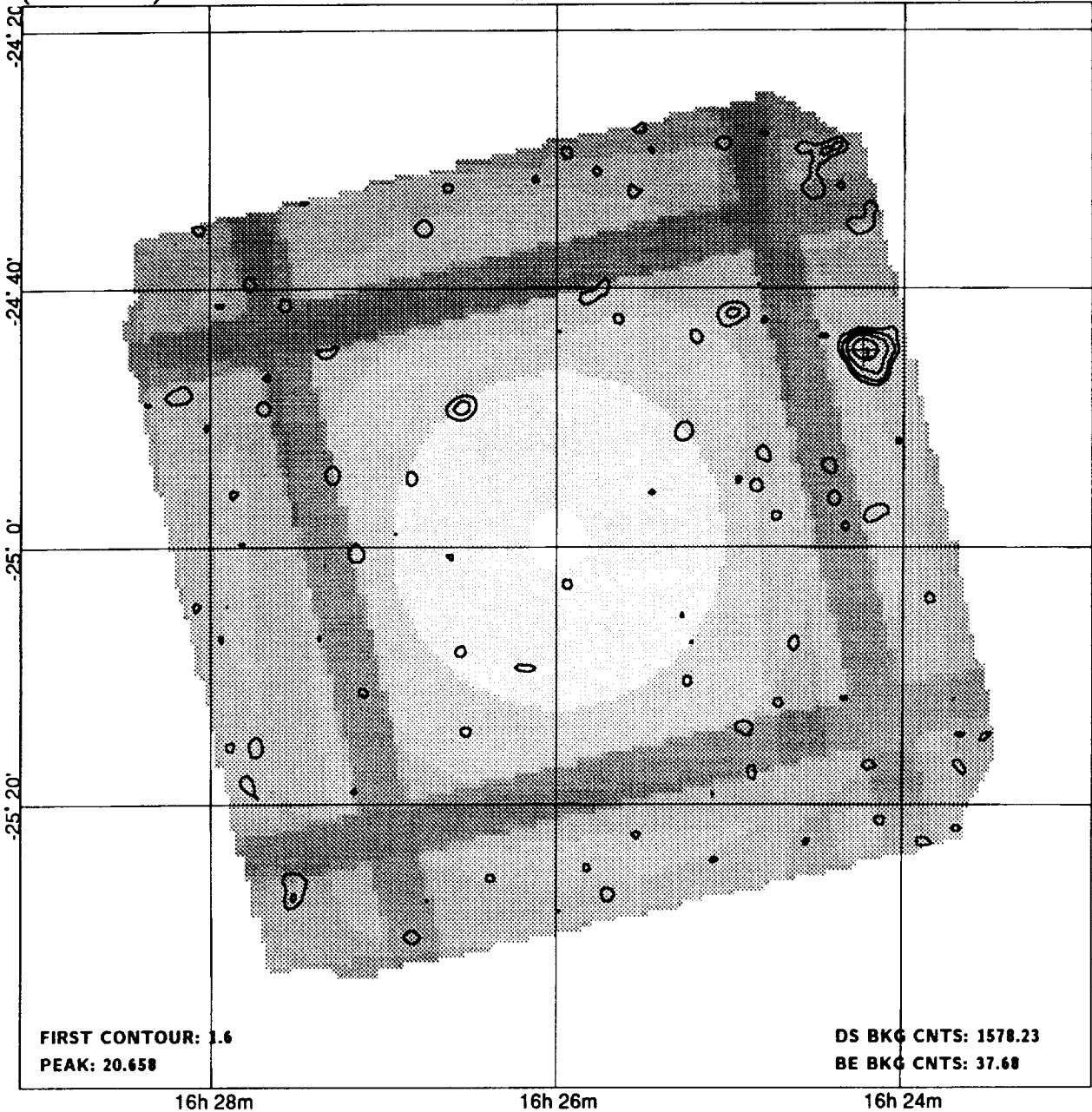
NH: $1.4\text{E}+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID FLG
3659	1	16 22 00.4	-25 14 18	56	*0.0237	0.0066	16.6	4.4	3.6	1.4	602	31.4		
3681	2	16 23 27.3	-25 20 18	42	0.0162	0.0032	32.7	9.3	5.0	1.0	0	12.4		
3691	3	16 24 34.5	-25 20 14	41	0.0252	0.0038	51.1	9.9	6.5	0.9	0	12.7		
3699	4	16 25 26.5	-26 02 29	55	*0.0288	0.0071	20.4	4.6	4.1	1.2	803	37.9		

(16h 25m)

I 11241

(16h 25m)



MERGED FIELD; component Seq's: I 3829, I 8376.

FIELD CENTER: $16^{\text{h}}25^{\text{m}}59.9^{\text{s}}$ $-24^{\circ}59'59''$ (B1950)
 $16^{\text{h}}29^{\text{m}}02.4^{\text{s}}$ $-25^{\circ}06'33''$ (J2000)
 $l: 352.92$ $b: 16.00$

DATE: 1979/250 - 1981/ 38
 LIVETIME: 1278.9s

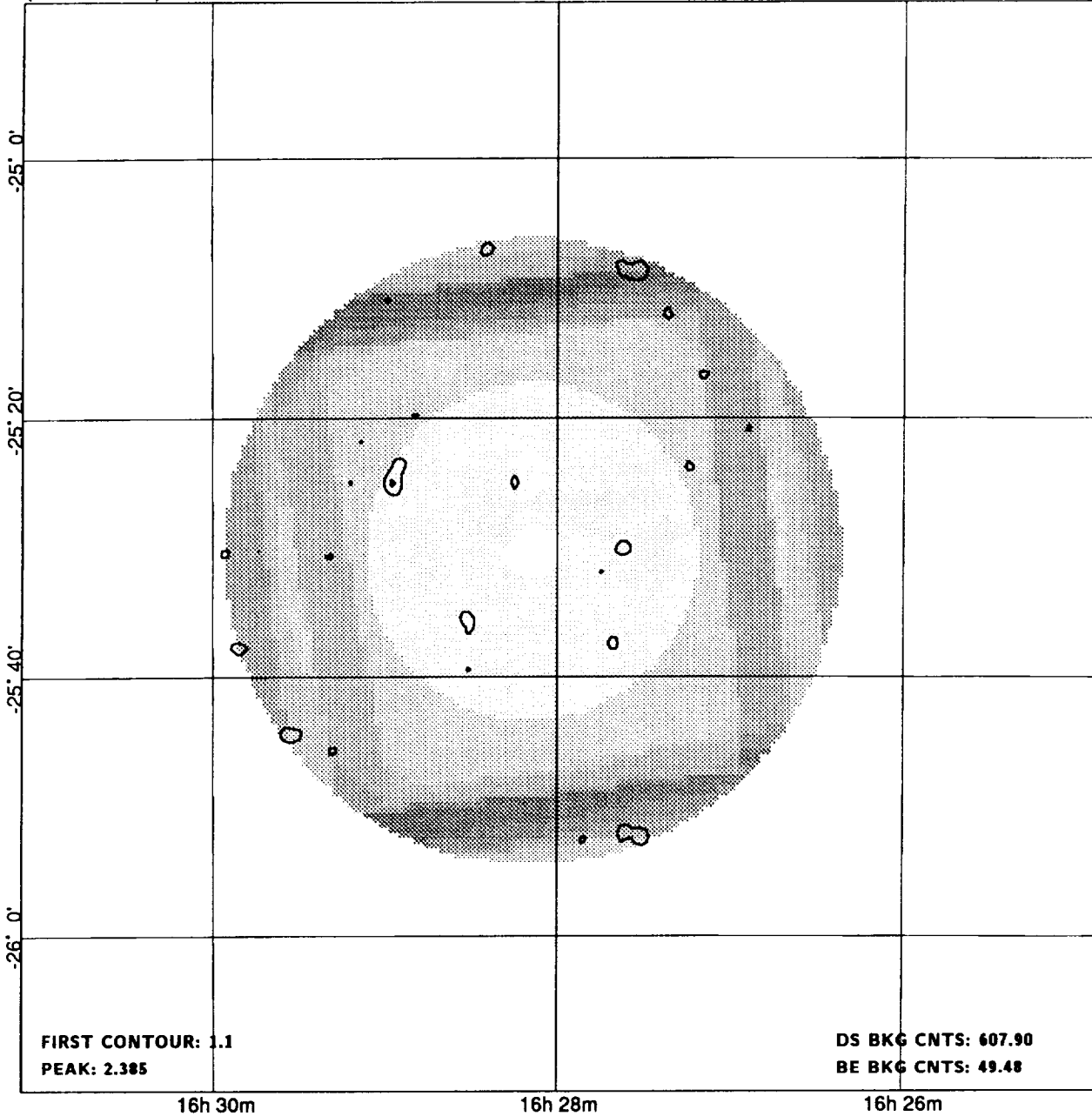
NH: 1.4E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	FLG
3687	1	16 24 14.1	-24 44 47	50	0.077	0.013	37.5	2.5	5.9	1.2	0	28.4		

(16h 28m)

I 11240

(16h 28m)



16h 30m

16h 28m

16h 26m

MERGED FIELD; component Seq's: I 3831, I 8378.

FIELD CENTER: $16^{\text{h}}28^{\text{m}}00.0^{\text{s}}$ $-25^{\circ}29'59''$ (B1950)
 $16^{\text{h}}31^{\text{m}}03.2^{\text{s}}$ $-25^{\circ}36'25''$ (J2000)
 $l: 352.84$ $b: 15.33$

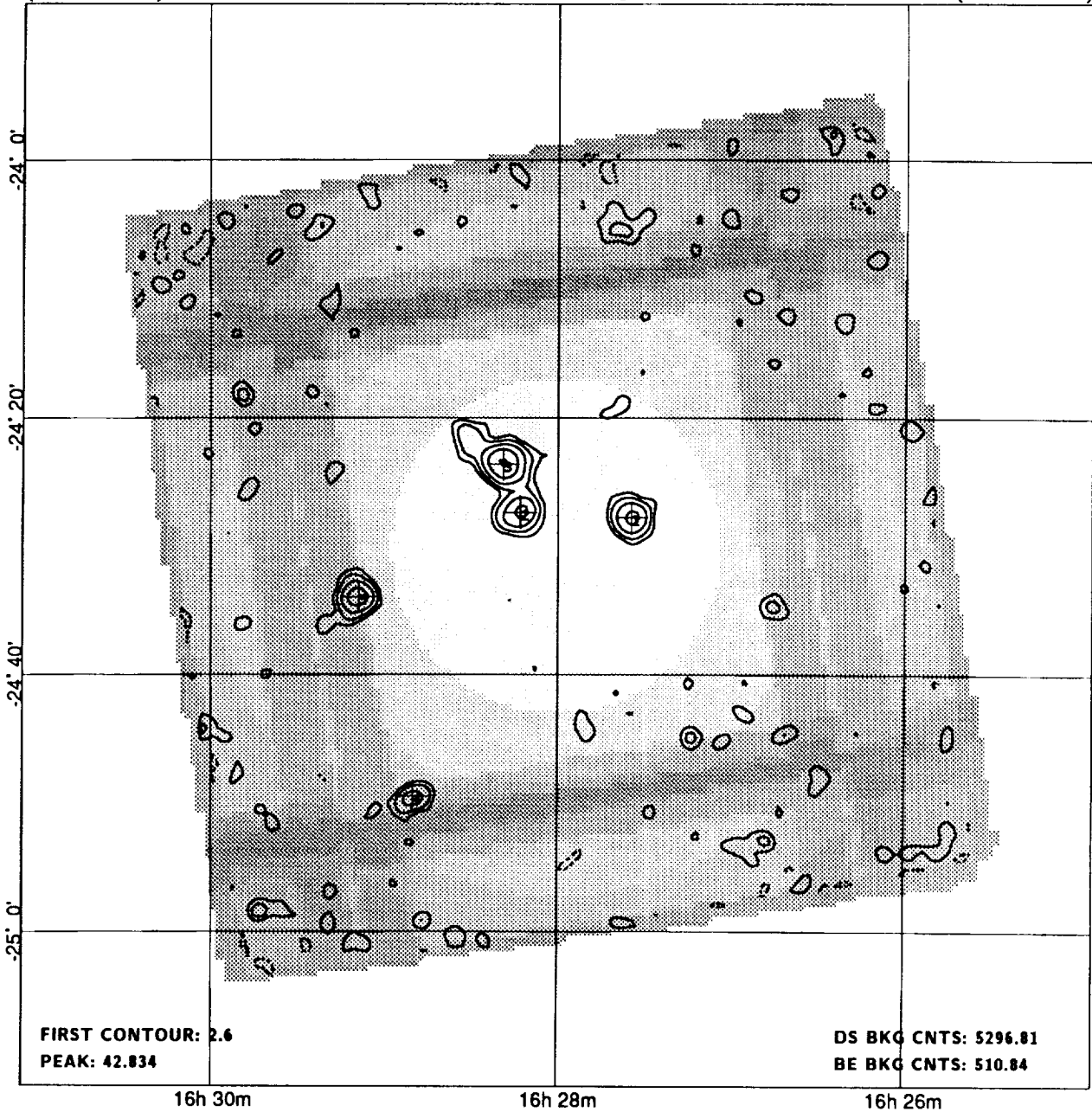
DATE: 1979/253 - 1981/ 38
 LIVETIME: 492.6s

NH: $1.4\text{E}+21$
 REF/ID:
 FIELD FLAGS:

(16h 28m)

I 11243

(16h 28m)



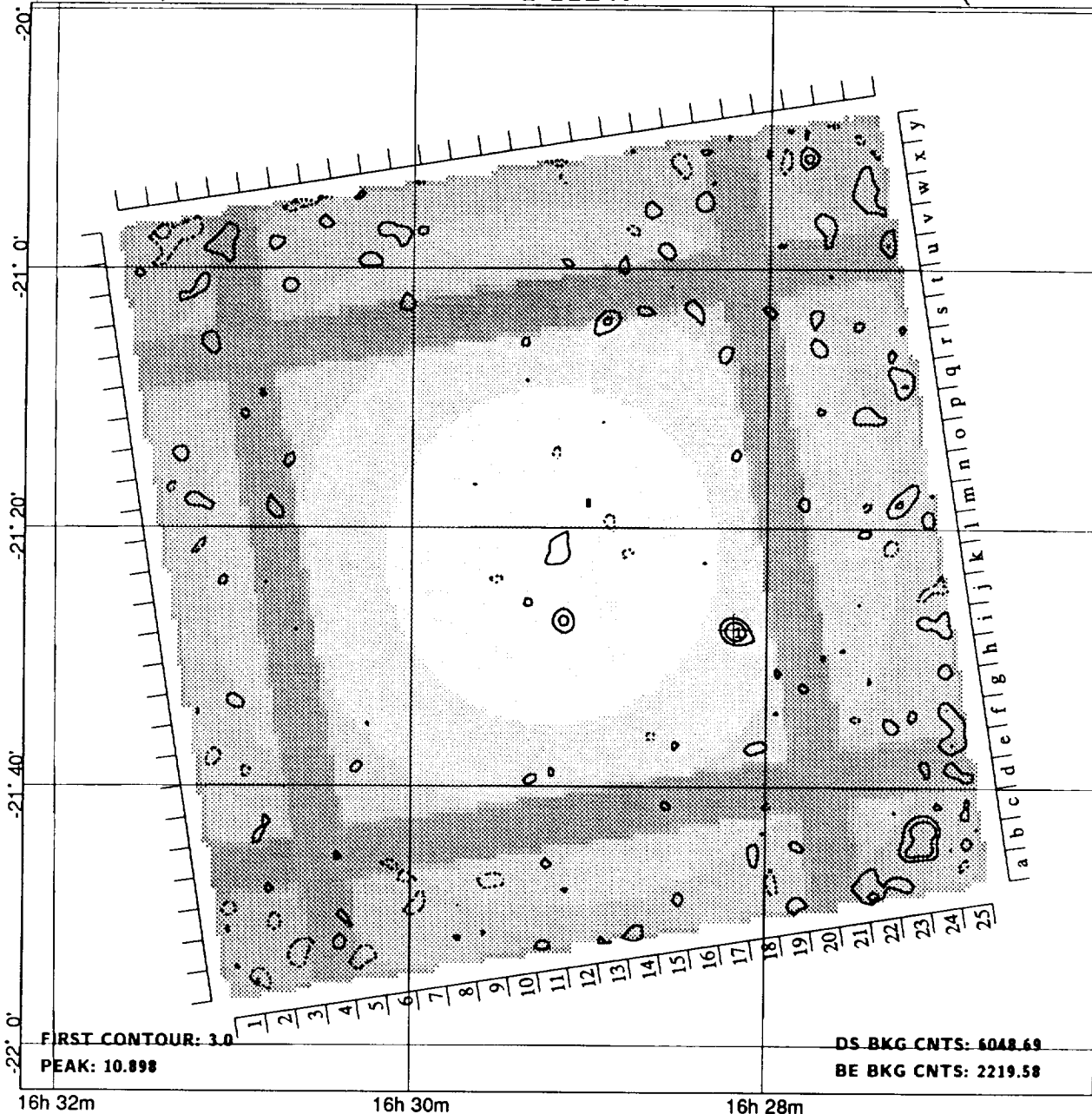
MERGED FIELD; component Seq's: I 3830, I 8377.

FIELD CENTER: 16^h28^m00.0^s -24°29'59" (B1950)
16^h31^m01.9^s -24°36'25" (J2000)
***l*: 353.62 *b*: 15.99**

DATE: 1979/251 - 1981/ 38
LIVETIME: 4292.1s

NH: 1.4E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
3707	1	16 27 34.5	-24 27 44	38	0.0316	0.0035	95.8	14.2	9.1	1.0	0	6.2	
3709	2	16 28 13.1	-24 27 21	31	0.0305	0.0034	95.1	14.9	9.1	3.6	0	4.2	
3710	3	16 28 19.1	-24 23 37	38	0.0581	0.0046	172.6	14.4	12.6	1.9	0	7.9	
3712	4	16 28 50.2	-24 49 27	51	*0.0159	0.0032	32.2	8.8	5.0	0.9	601	22.8	
3713	5	16 29 09.0	-24 33 56	48	0.0353	0.0040	87.2	9.8	8.9	1.0	0	16.3	



MERGED FIELD: component Seq's: I 10134, I 10209.

FIELD CENTER: 16^h29^m10.0^s -21°21'39" (B1950)
 16^h32^m08.0^s -21°28'00" (J2000)
 l : 356.30 b : 17.83

DATE: 1981/ 41 - 1981/ 83
 LIVETIME: 4901.5s
 ROLL ANGLE: -98.8°

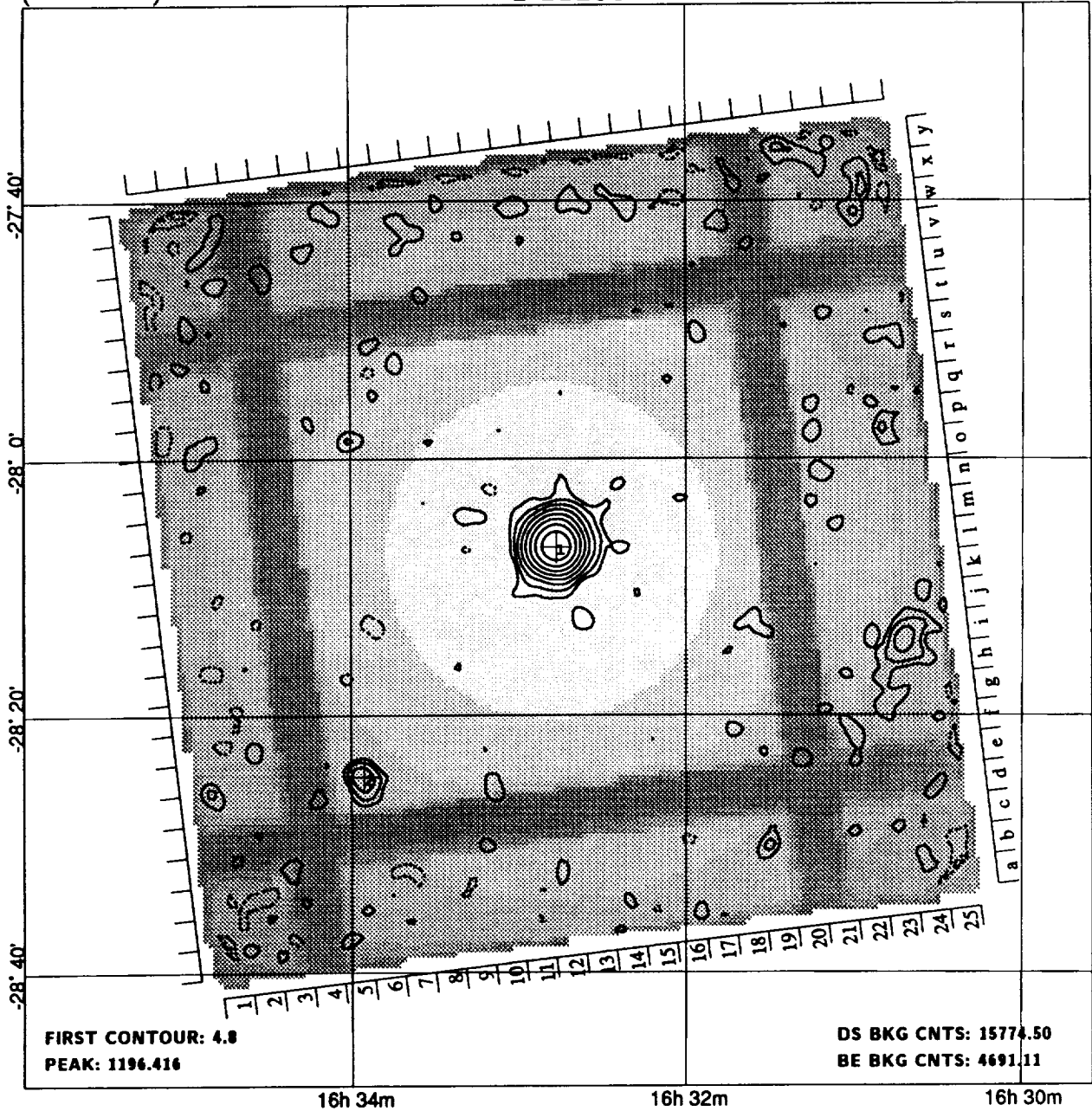
NH: 1.3E+21
 REF/ID: !
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID FLG
0	1L	16 28 11.0	-21 27 50	51	0.0108	0.0028	31.0	14.0	3.8	0.7	0	15.1		

(16h 32m)

I 11238

(16h 32m)



FIRST CONTOUR: 4.0
PEAK: 1196.416

DS BKG CNTS: 15774.50
BE BKG CNTS: 4691.11

16h 34m

16h 32m

16h 30m

MERGED FIELD; component Seq's: I 831, I 7643.

FIELD CENTER: $16^{\text{h}}32^{\text{m}}45.8^{\text{s}}$ $-28^{\circ}06'50''$ (B1950)
 $16^{\text{h}}35^{\text{m}}52.8^{\text{s}}$ $-28^{\circ}12'56''$ (J2000)
 $l: 351.53$ $b: 12.81$

DATE: 1980/ 50 - 1981/ 38
LIVETIME: 12782.6s
ROLL ANGLE: -96.8°

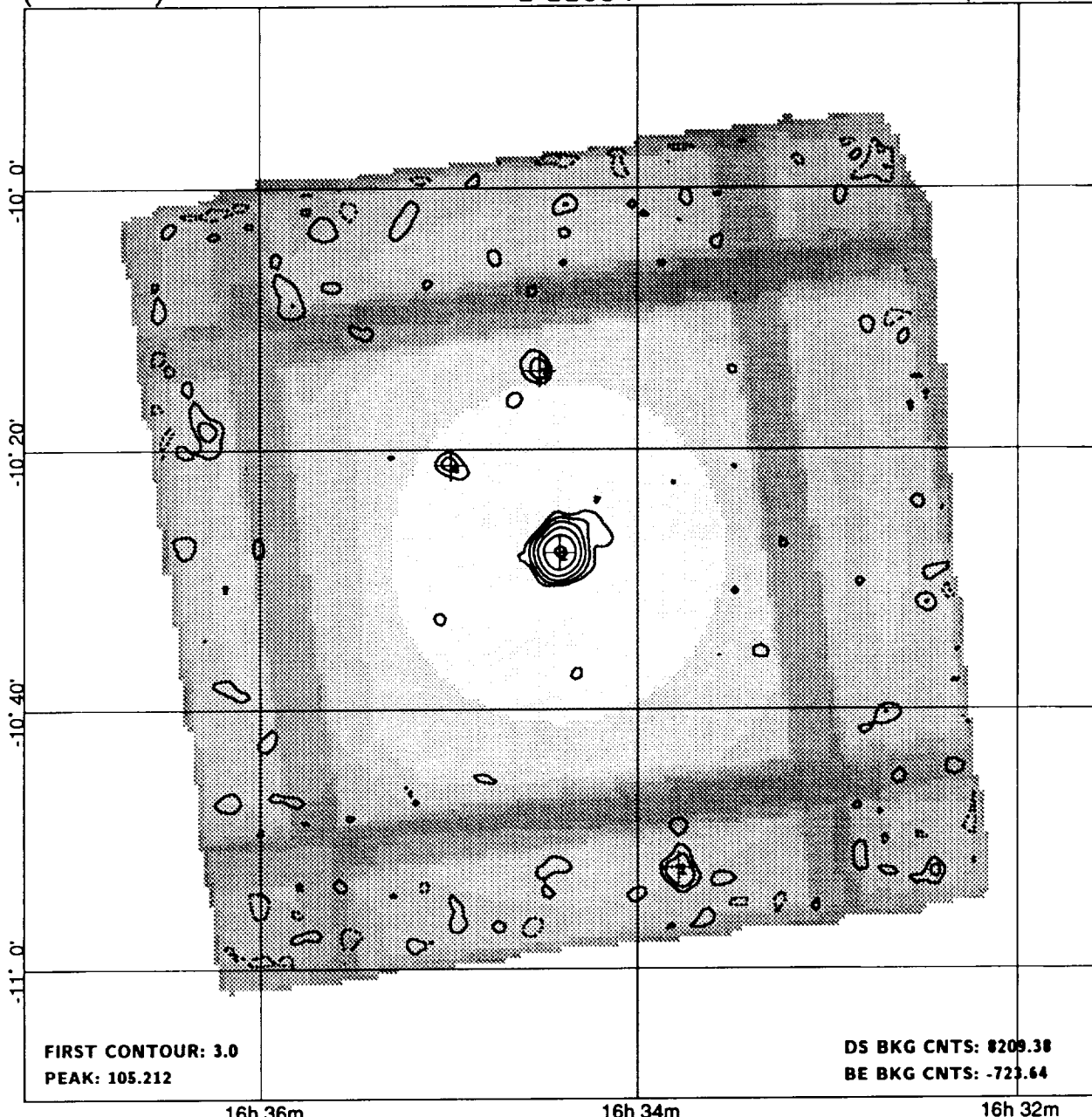
NH: $1.6E+21$
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
3724	1L	16 32 46.3	-28 06 49	31	0.4926	0.0087	4695.5	635.5	56.5	1.3	0	0.2	
3729	2L	16 33 55.5	-28 24 48	50	0.0142	0.0021	84.5	32.5	6.5	0.9	0	23.5	

(16h 34m)

I 11034

(16h 34m)



16h 36m

16h 34m

16h 32m

MERGED FIELD; component Seq's: I 2224, I 5103, I 5104, I 5105.

FIELD CENTER: $16^h 34^m 23.9^s -10^\circ 27' 59''$ (B1950)
 $16^h 37^m 09.2^s -10^\circ 33' 59''$ (J2000)
 $l: 6.28 \quad b: 23.59$

DATE: 1979/251 - 1980/ 66
 LIVETIME: 6652.3s

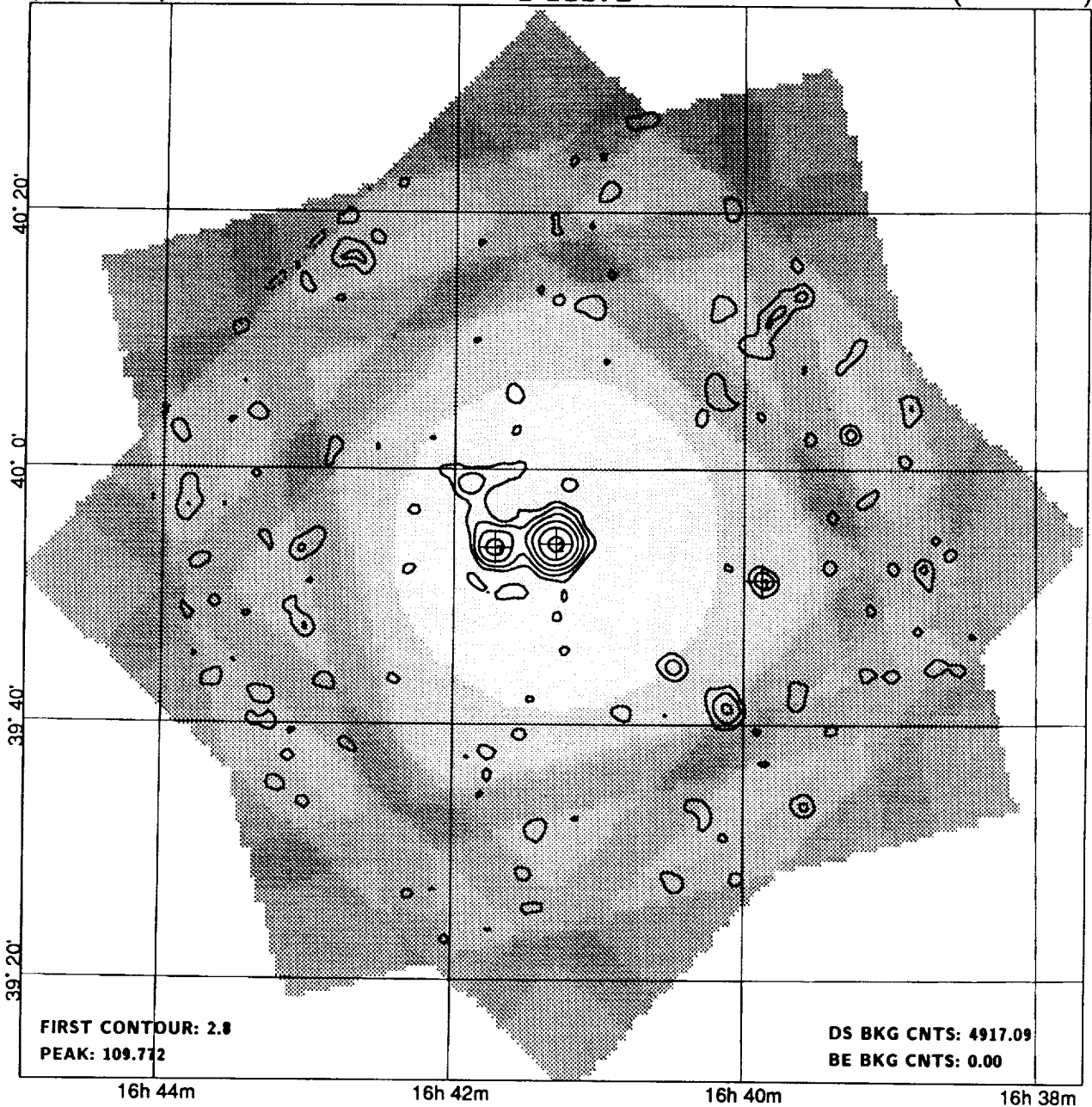
NH: $1.3E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
0	1	16 33 47.0	-10 52 15	54	0.0108	0.0024	29.9	13.1	4.6	0.9	0	26.1		
3732	2	16 34 24.8	-10 28 01	31	0.0955	0.0045	474.3	17.7	21.4	1.3	0	0.4		S
0	3	16 34 31.2	-10 13 59	42	0.0068	0.0016	27.3	15.7	4.2	0.7	0	14.4		
0	4	16 34 59.4	-10 21 12	43	0.0051	0.0014	22.3	16.7	3.6	0.7	0	11.2		

(16h 41m)

I 11172

(16h 41m)



MERGED FIELD; component Seq's: I 2060, I 2061.

FIELD CENTER: $16^h 41^m 17.5^s$ $39^\circ 54' 10''$ (B1950)
 $16^h 42^m 58.6^s$ $39^\circ 48' 37''$ (J2000)
 $l: 63.45$ $b: 40.95$

DATE: 1979/239 - 1980/ 24
 LIVETIME: 3984.5s

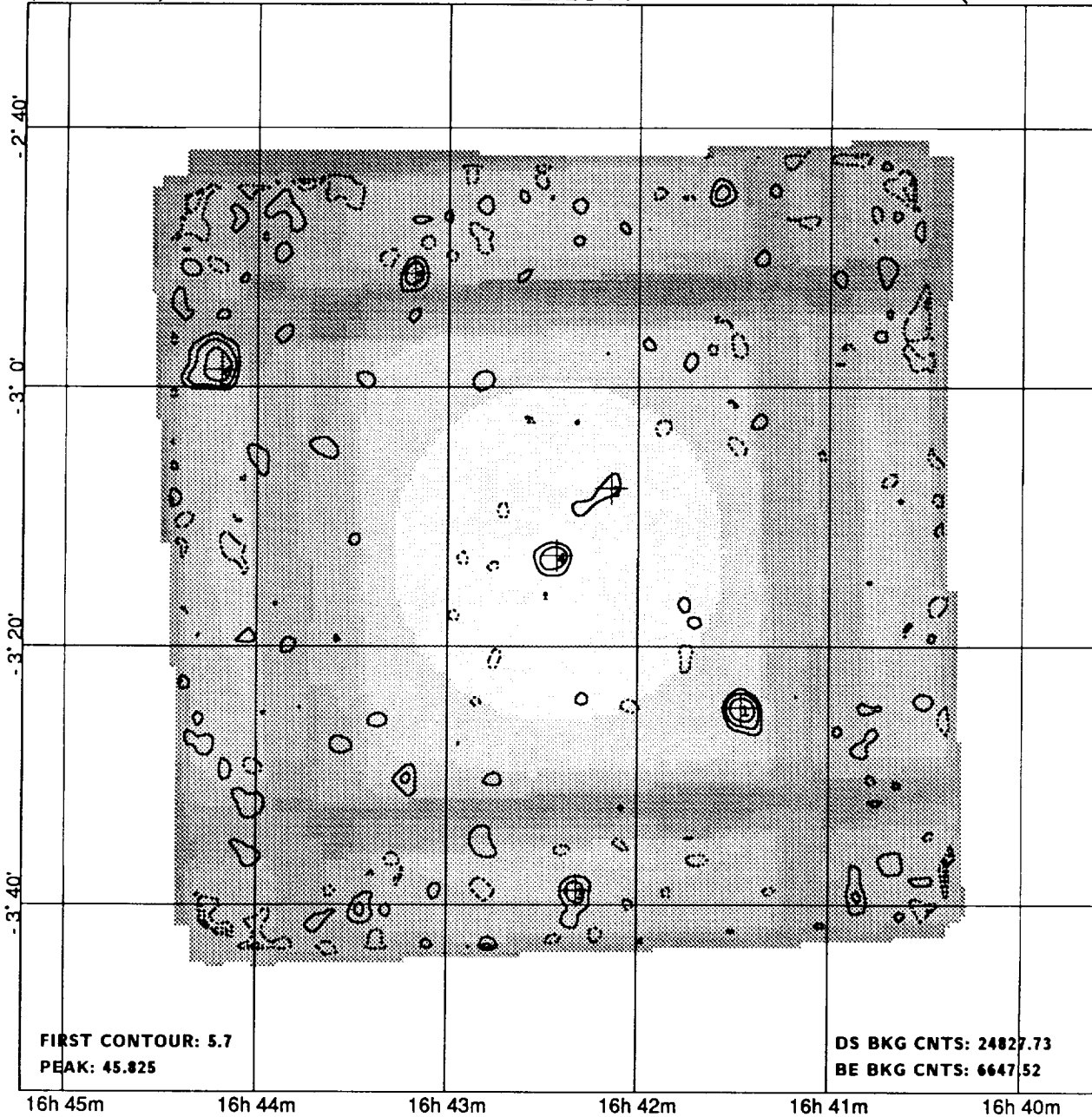
NH: 1.0E+20
 REF/ID: !
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
0	1L	16 39 52.5	39 51 21	54	0.0122	0.0029	27.8	5.2	4.1	0.7	0	16.3		
3752	2L	16 41 17.7	39 54 10	31	0.1378	0.0084	410.5	69.5	16.3	1.7	0	0.0		Q
3755	3L	16 41 43.0	39 53 53	31	0.0369	0.0047	105.4	27.6	7.8	6.9	0	5.0		AGN

(16h 42m)

I 11044

(16h 42m)



MERGED FIELD; component Seq's: I 2494, I 10443.

FIELD CENTER: $16^{\text{h}}42^{\text{m}}25.0^{\text{s}}$ $-03^{\circ}12'30''$ (B1950)
 $16^{\text{h}}45^{\text{m}}02.3^{\text{s}}$ $-03^{\circ}17'58''$ (J2000)
 $l: 14.11$ $b: 26.06$

DATE: 1979/251 - 1981/ 74
 LIVETIME: 20118.6s

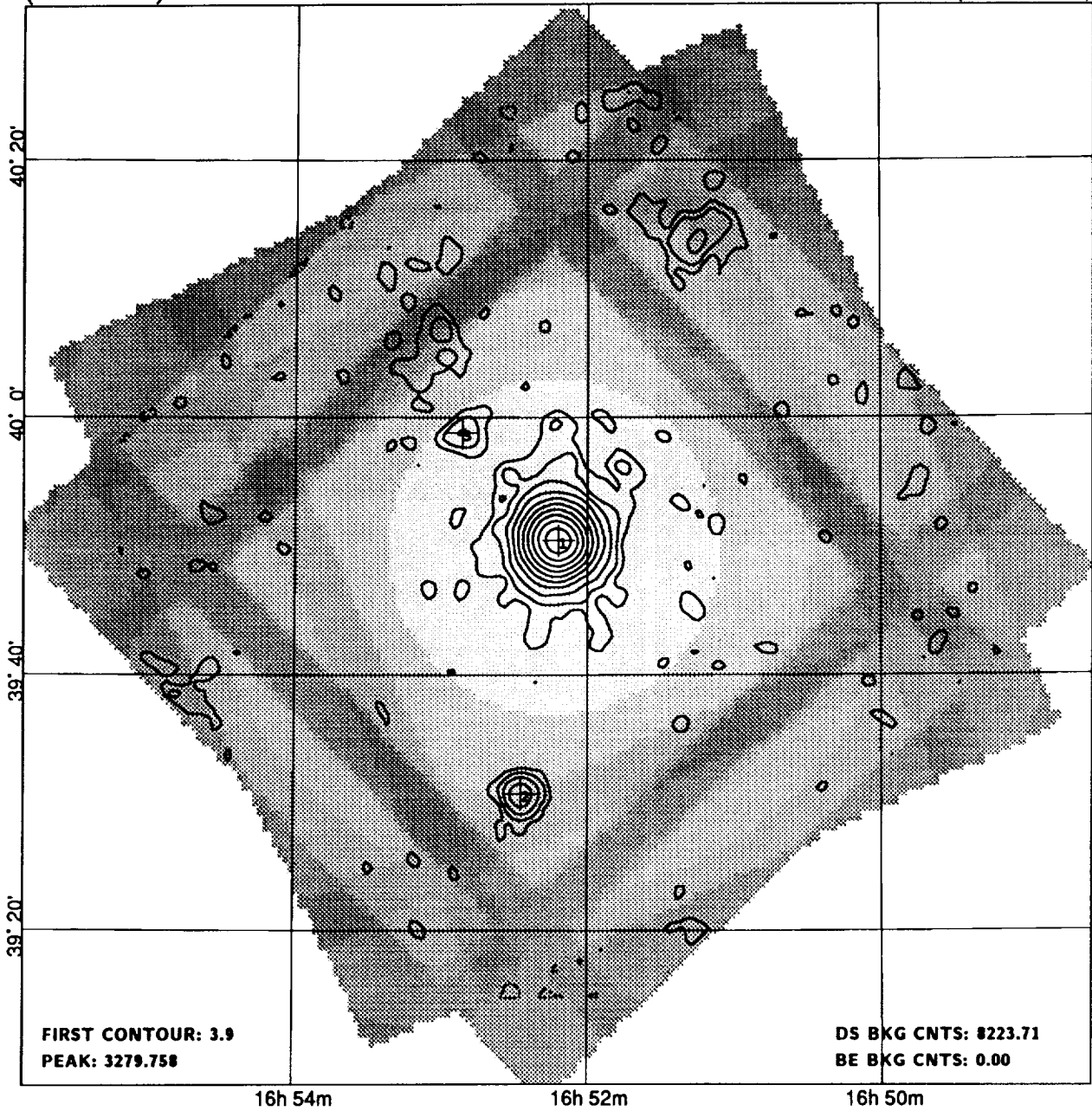
NH: $9.2\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
3753	1	16 41 27.4	-03 24 48	48	0.0107	0.0012	114.7	63.3	8.6	0.9	0	18.9	
0	2	16 42 08.5	-03 07 45	37	0.00263	0.00075	37.1	74.9	3.5	0.9	0	4.9	
3757	3	16 42 19.1	-03 38 53	55	0.0048	0.0011	39.7	51.3	4.2	0.9	0	26.3	
3758	4	16 42 25.6	-03 12 59	35	0.00485	0.00083	72.9	81.1	5.9	0.8	0	0.8	
3760	5L	16 43 10.6	-02 51 17	55	0.0057	0.0013	50.8	32.2	4.3	0.7	500	24.2	
3761	6	16 44 11.2	-02 58 39	50	0.0121	0.0017	85.0	51.0	7.3	1.3	0	30.0	

(16h 52m)

I 11171

(16h 52m)



MERGED FIELD; component Seq's: I 5210, I 5211.

FIELD CENTER: $16^{\text{h}}52^{\text{m}}11.9^{\text{s}}$ $39^{\circ}50'05''$ (B1950)
 $16^{\text{h}}53^{\text{m}}52.4^{\text{s}}$ $39^{\circ}45'17''$ (J2000)
 $l: 63.59$ $b: 38.86$

DATE: 1980/ 19 - 1980/228
 LIVETIME: 6663.9s

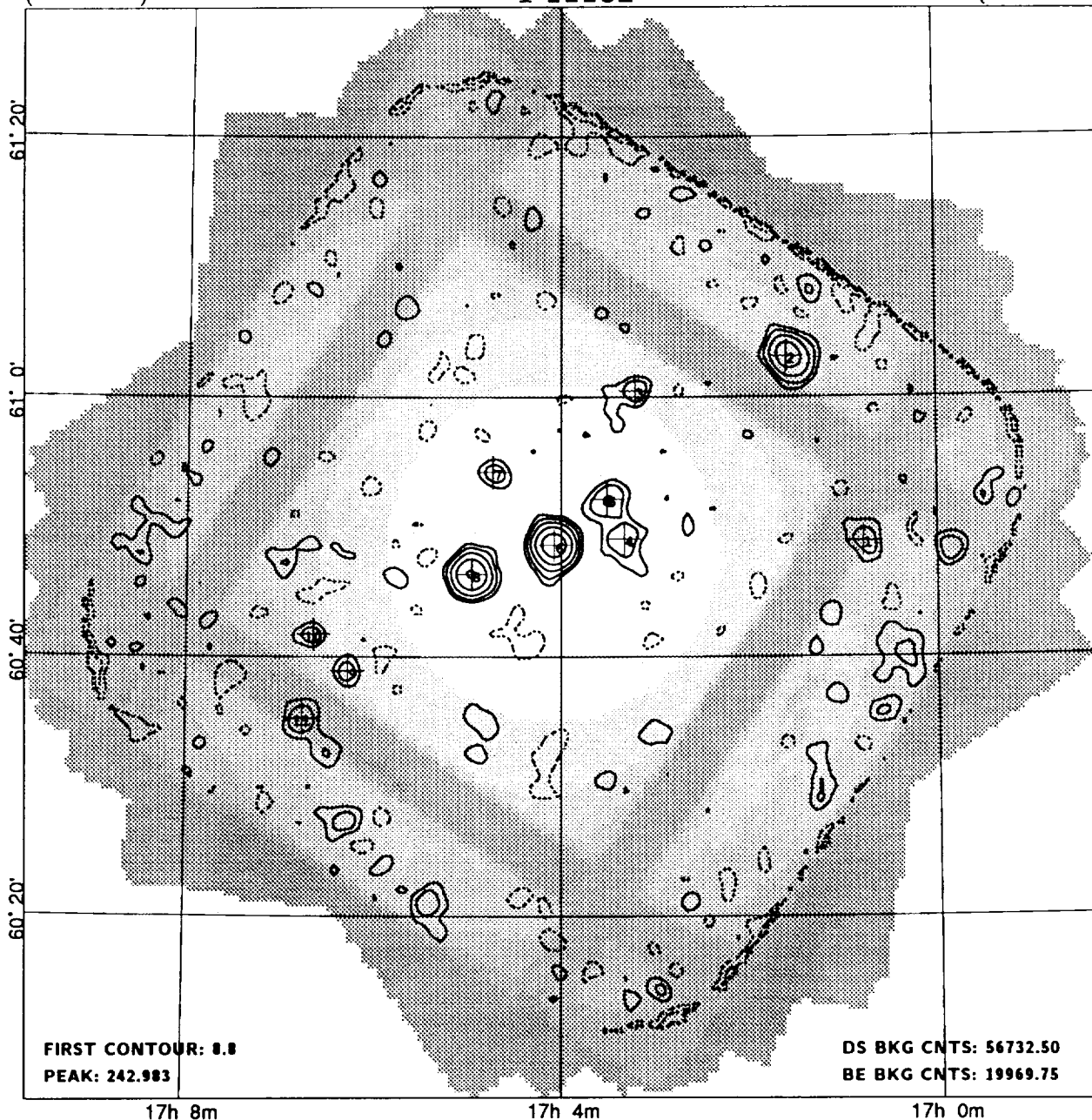
NH: $1.7\text{E}+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
3780	1L	16 52 12.0	39 50 27	31	2.567	0.028	12755.9	1955.1	92.2	1.4	0	0.4	*
3781	2L	16 52 27.1	39 30 38	48	0.0406	0.0042	140.9	22.1	9.5	1.2	0	19.7	
3784	3L	16 52 51.4	39 58 48	41	0.0100	0.0025	43.1	33.9	3.9	1.2	0	11.5	

(17h 4m)

I 11182

(17h 4m)



MERGED FIELD; component Seq's: I 2062, I 2063, I 5688, I 9378.

FIELD CENTER: 17^h04^m00.0^s 60°47'59" (B1950)
 17^h04^m37.9^s 60°43'58" (J2000)
 l : 90.07 b : 36.39

DATE: 1979/ 98 - 1981/ 31
 LIVETIME: 45972.8s

NH: 2.3E+20
 REF/ID: !
 FIELD FLAGS: D

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
0	1	17 00 47.0	60 48 54	51	*0.00346	0.00062	70.5	88.5	5.6	0.9	1208	23.4		
3813	2	17 01 35.6	61 03 06	47	0.01440	0.00098	299.1	115.9	14.7	1.2	400	23.2		Q
3822	3	17 03 12.6	61 00 27	41	0.00288	0.00056	80.2	162.8	5.1	1.1	0	13.9		
3824	4	17 03 19.7	60 49 05	40	0.00395	0.00054	128.7	180.3	7.3	2.3	0	5.1		†
3825	5	17 03 30.8	60 52 08	38	0.00478	0.00058	155.5	197.5	8.3	2.3	0	5.3		Q
3828	6	17 04 04.7	60 48 35	31	0.0285	0.0010	977.4	186.6	28.6	1.1	0	0.9		Q
3834	7	17 04 44.0	60 54 13	41	0.00258	0.00052	81.9	186.1	5.0	0.7	0	8.0		
3836	8	17 04 57.6	60 46 22	37	0.01894	0.00088	610.7	196.3	21.5	1.1	0	7.2		BL
3839	9	17 06 16.9	60 38 55	54	0.00263	0.00057	65.0	133.0	4.6	0.7	300	19.3		
3840	10	17 06 38.8	60 41 43	51	0.00278	0.00061	65.8	142.2	4.6	0.7	100	20.3		

Source Table cont.

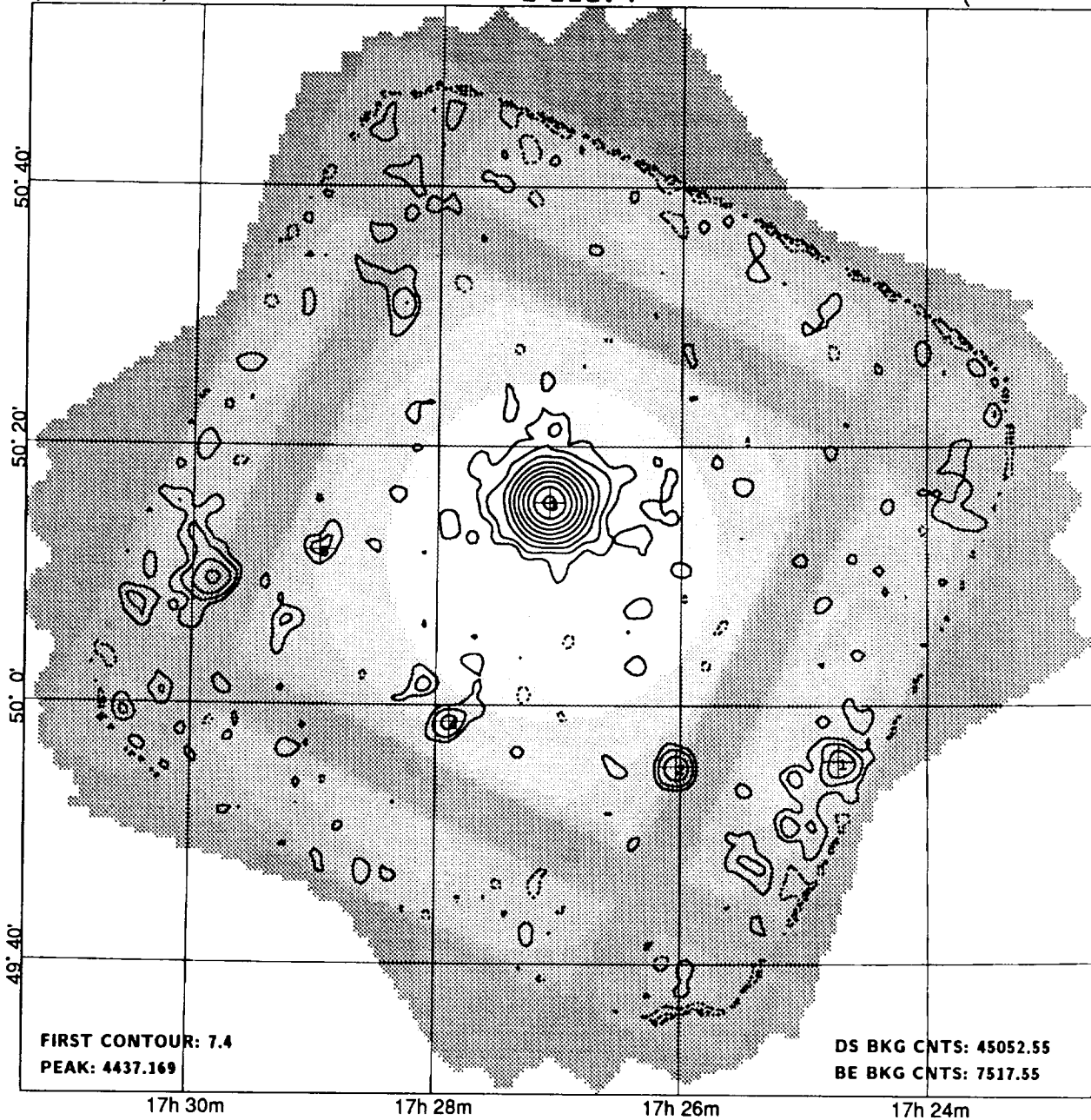
I 11182 cont.

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
3841	11	17 06 45.8	60 35 11	55	*0.00396	0.00063	83.2	91.8	6.3	1.3	1409	24.0		

(17h 26m)

I 11174

(17h 26m)



MERGED FIELD; component Seq's: I 2003, I 2004, I 9389.

FIELD CENTER: $17^h 26^m 59.8^s$ $50^\circ 11' 59''$ (B1950)
 $17^h 28^m 14.2^s$ $50^\circ 09' 38''$ (J2000)
 $l: 77.00$ $b: 33.55$

DATE: 1979/ 86 - 1980/223
 LIVETIME: 36508.0s

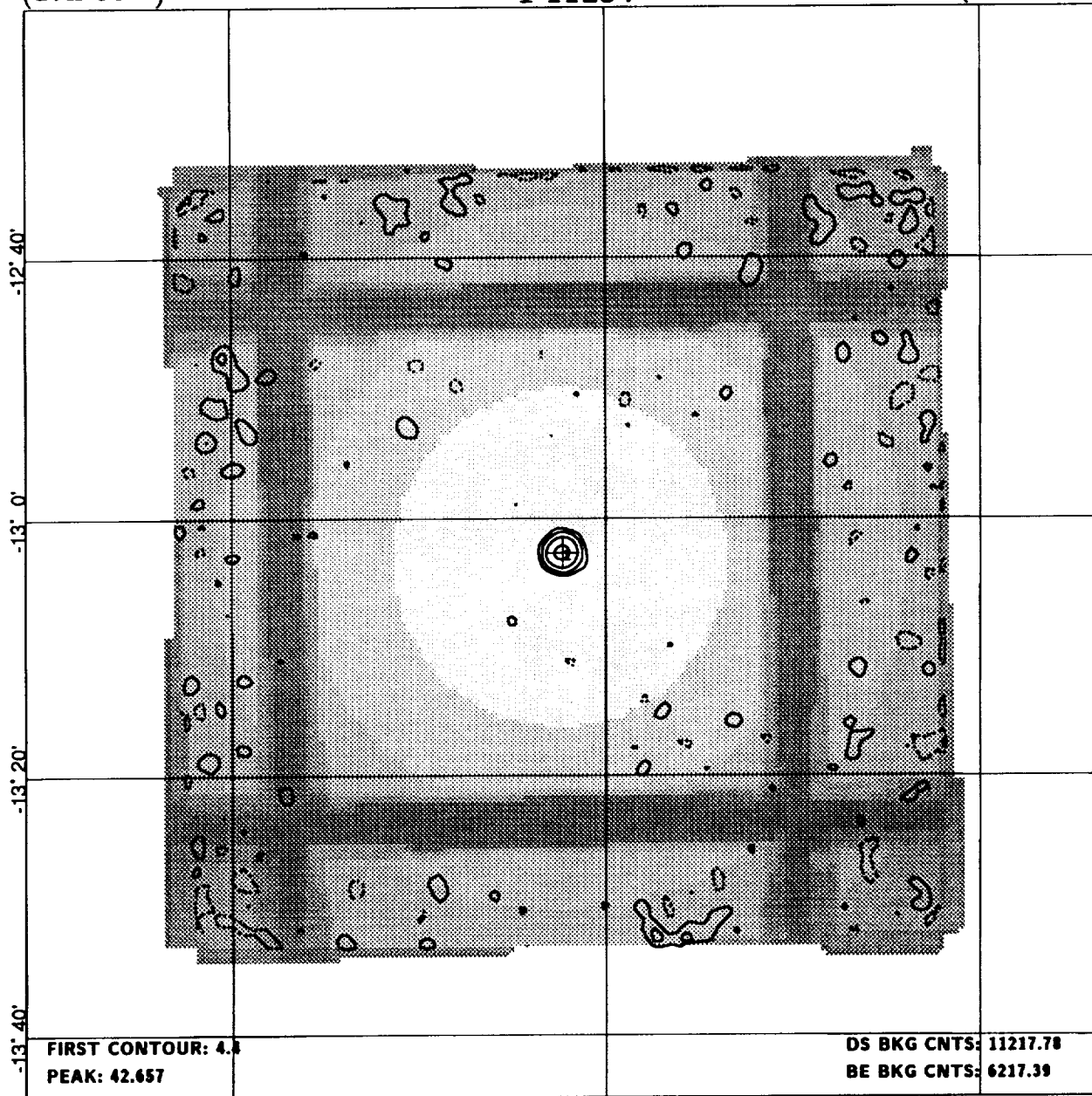
NH: $9.9E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
3906	1L	17 24 43.0	49 55 46	50	0.0062	0.0012	88.3	108.7	5.0	2.2	0	27.3		
3908	2L	17 26 02.1	49 55 21	48	*0.0079	0.0020	151.4	100.6	3.9	0.9	907	19.0	AGN	
3909	3L	17 27 05.1	50 15 41	31	0.6340	0.0058	16770.3	1842.7	108.7	1.2	0	3.8	BL	
3914	4L	17 27 53.4	49 58 44	49	0.00516	0.00085	110.3	107.7	6.0	1.0	0	15.8		
3917	5L	17 28 57.8	50 11 59	56	0.00340	0.00080	66.9	90.1	4.2	0.8	0	18.7		

(17h 30m)

I 11254

(17h 30m)



FIRST CONTOUR: 4.8
PEAK: 42.657

DS BKG CNTS: 11217.78
BE BKG CNTS: 6217.39

17h 32m

17h 30m

17h 28m

MERGED FIELD; component Seq's: I 7173, I 10080.

FIELD CENTER: $17^{\text{h}}30^{\text{m}}13.1^{\text{s}}$ $-13^{\circ}02'45''$ (B1950)
 $17^{\text{h}}33^{\text{m}}02.3^{\text{s}}$ $-13^{\circ}04'49''$ (J2000)
 $l: 12.03$ $b: 10.81$

DATE: 1981/ 76 - 1981/ 91
LIVETIME: 9090.3s

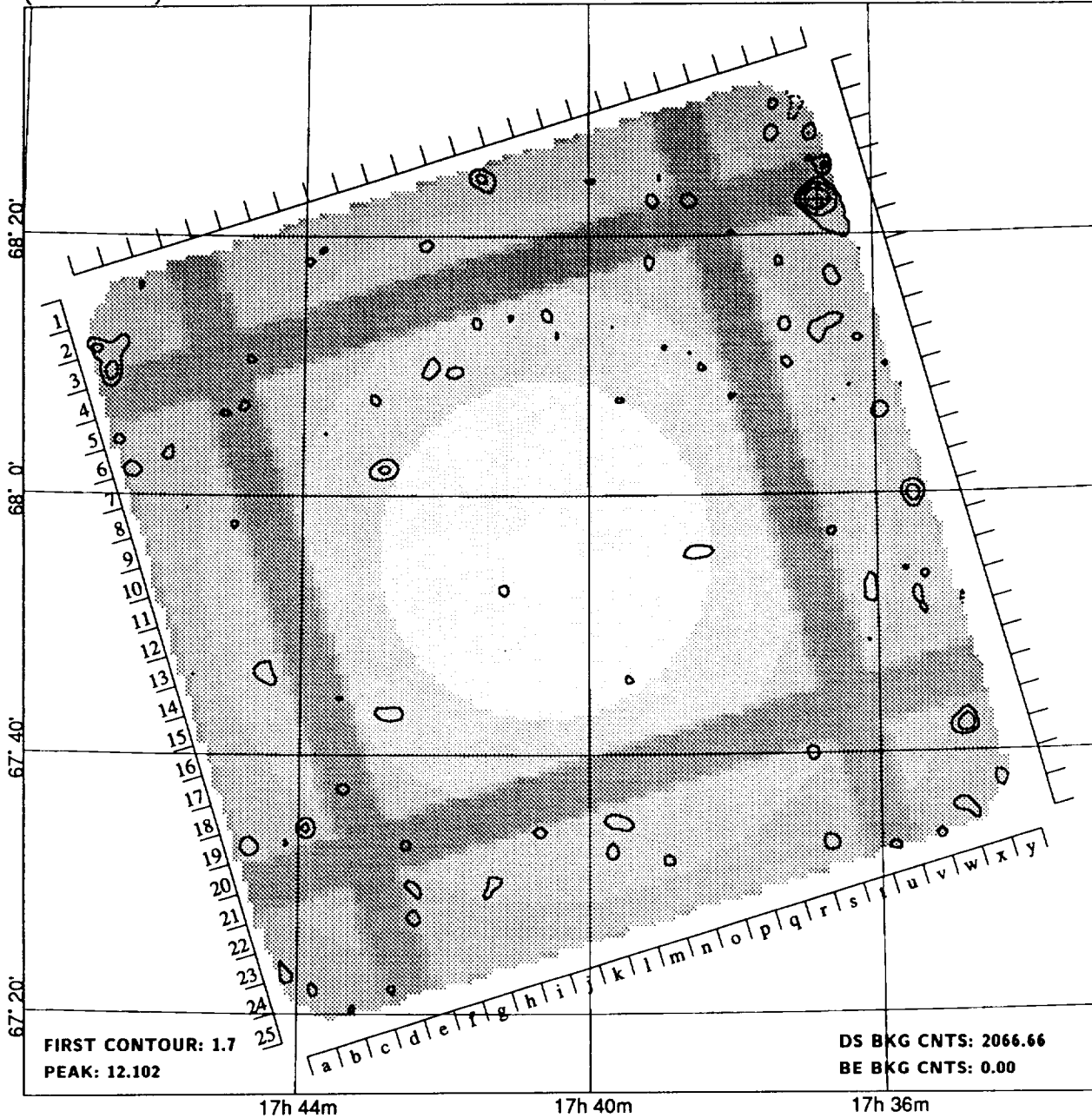
NH: 2.3E+21
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
3919	1L	17 30 13.9	-13 02 43	31	0.0269	0.0026	182.4	46.6	10.3	1.0	0	0.1	Q

(17h 40m)

I 11204

(17h 40m)



MERGED FIELD; component Seq's: I 8600, I 8812.

FIELD CENTER: $17^{\text{h}}40^{\text{m}}25.4^{\text{s}}$ $67^{\circ}55'55''$ (B1950)
 $17^{\text{h}}40^{\text{m}}15.1^{\text{s}}$ $67^{\circ}54'29''$ (J2000)
 $l: 98.05$ $b: 31.66$

DATE: 1980/146 - 1980/150
 LIVETIME: 1146.5s
 ROLL ANGLE: -16.8°

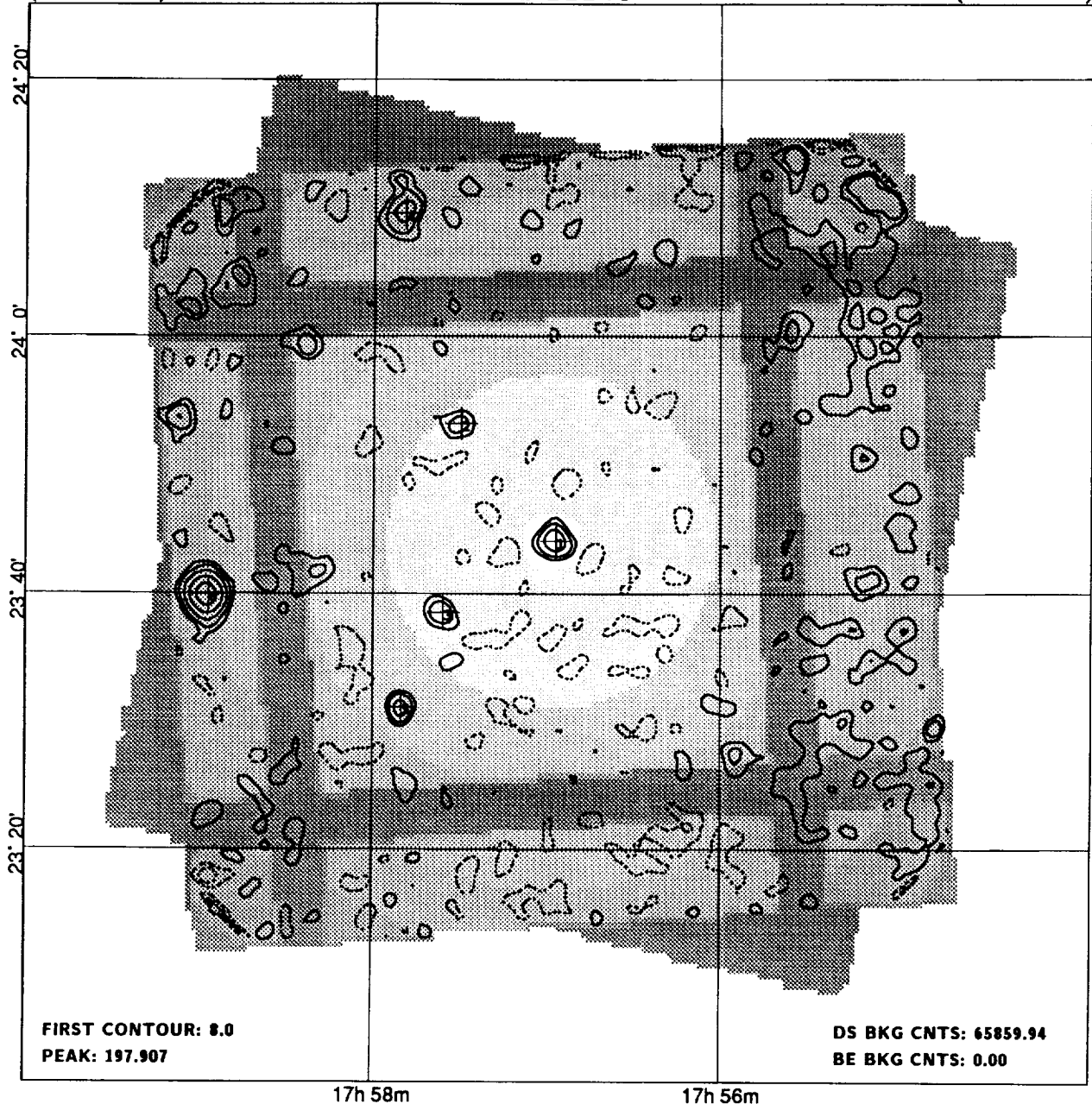
NH: $4.4\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
3930	1	17 36 45.9	68 22 38	55	*0.053	0.014	16.7	2.3	3.8	1.1	906	33.4		S

(17h 56m)

I 11146

(17h 56m)



MERGED FIELD; component Seq's: I 5129, I 10755.

FIELD CENTER: 17^h56^m55.9^s 23°43'54" (B1950)
 17^h59^m00.3^s 23°43'46" (J2000)
l: 49.39 *b*: 21.61

DATE: 1979/283 - 1981/109
 LIVETIME: 35368.9s

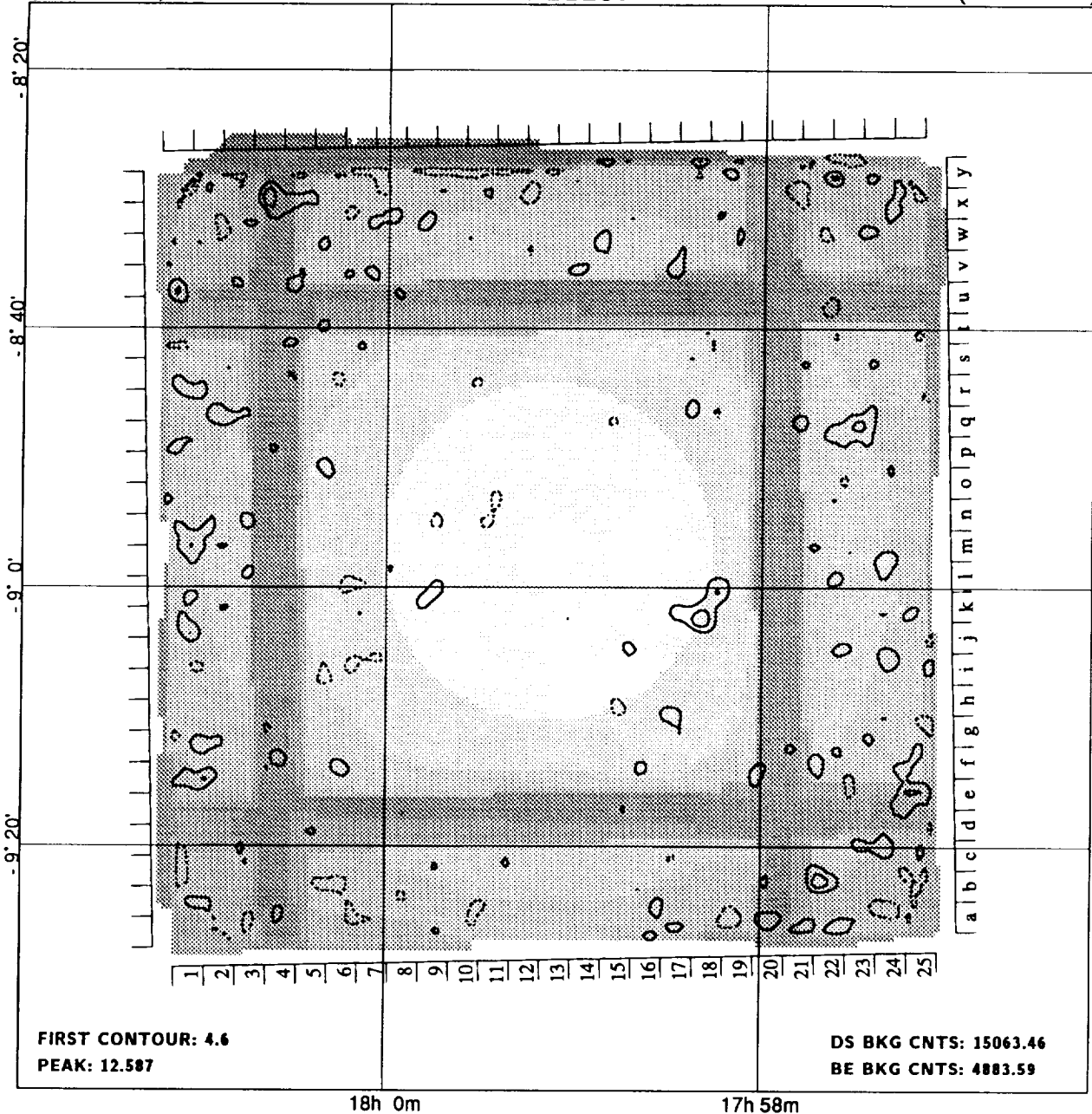
NH: 8.8E+20
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
3987	1L	17 56 56.8	23 44 05	31	0.00755	0.00090	199.3	174.7	8.3	0.9	0	0.4		Q
3988	2L	17 57 29.8	23 53 12	41	0.00342	0.00085	77.9	155.1	3.9	0.8	0	12.0		
3989	3L	17 57 35.8	23 38 33	41	0.00389	0.00085	91.4	154.6	4.5	0.7	0	10.5		
3992	4L	17 57 49.3	24 09 36	51	0.0052	0.0013	69.6	117.4	3.9	1.2	0	28.3		
3993	5L	17 57 50.2	23 31 04	48	0.00785	0.00095	153.1	85.9	8.1	0.7	0	17.9		
3994	6L	17 58 56.6	23 39 56	47	0.0283	0.0019	392.4	131.6	14.5	1.1	0	27.9		

(17h 59m)

I 11257

(17h 59m)



FIRST CONTOUR: 4.6
PEAK: 12.587

DS BKG CNTS: 15063.46
BE BKG CNTS: 4883.59

18h 0m

17h 58m

MERGED FIELD; component Seq's: I 2807, I 6417, I 10593.

FIELD CENTER: 17^h59^m05.8^s -08°56'59" (B1950)
18^h01^m50.1^s -08°56'57" (J2000)
l: 19.23 b: 6.77

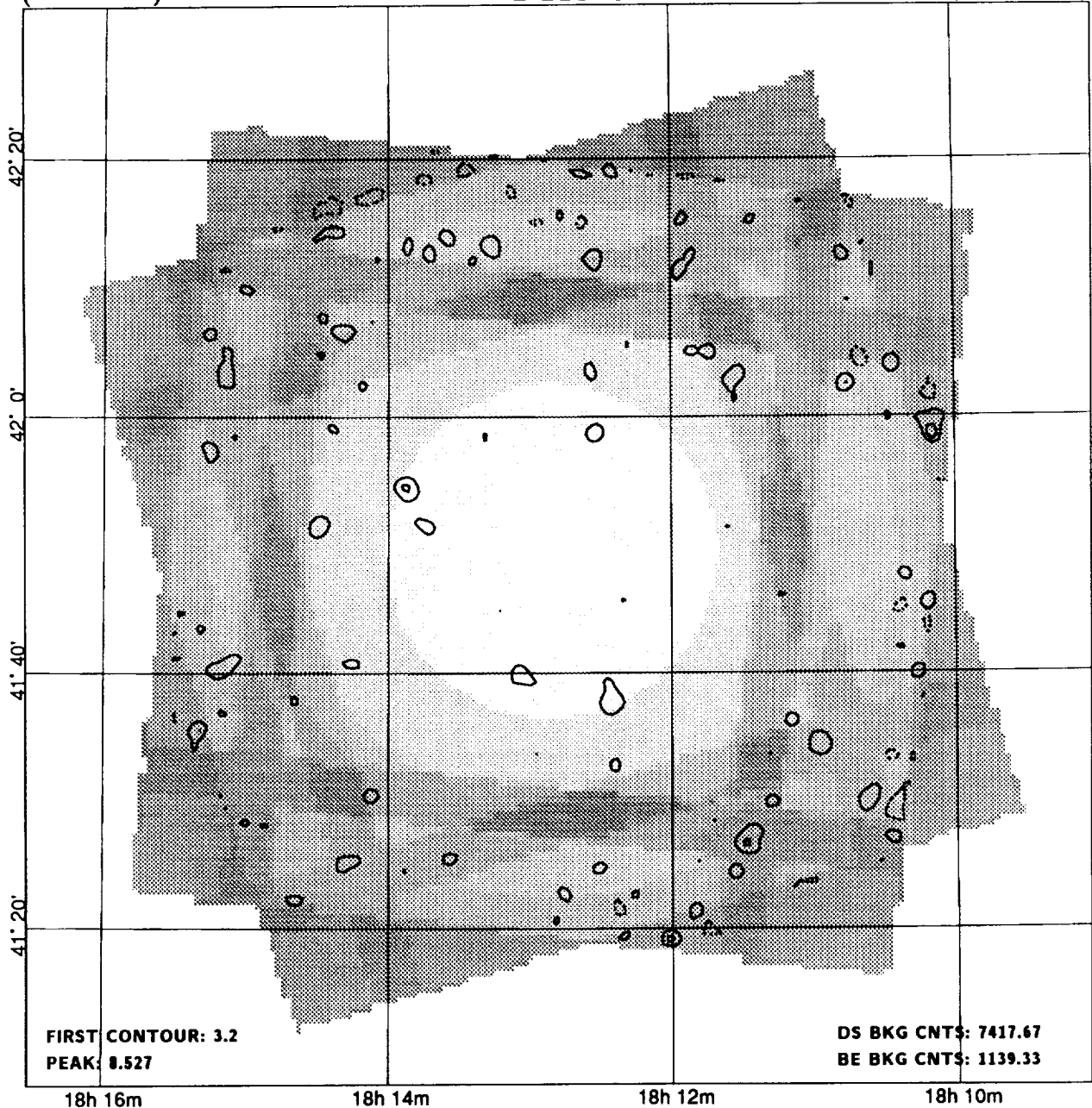
DATE: 1979/ 88 - 1981/ 73
LIVETIME: 12206.4s
ROLL ANGLE: -91.2°

NH: 2.8E+21
REF/ID:
FIELD FLAGS: L

(18h 12m)

I 11173

(18h 12m)



FIRST CONTOUR: 3.2
PEAK: 8.527

DS BKG CNTS: 7417.67
BE BKG CNTS: 1139.33

18h 16m

18h 14m

18h 12m

18h 10m

MERGED FIELD; component Seq's: I 3181, I 3509.

FIELD CENTER: $18^h 12^m 47.8^s$ $41^\circ 49' 58''$ (B1950)
 $18^h 14^m 21.9^s$ $41^\circ 50' 57''$ (J2000)
 $l: 69.18$ $b: 24.27$

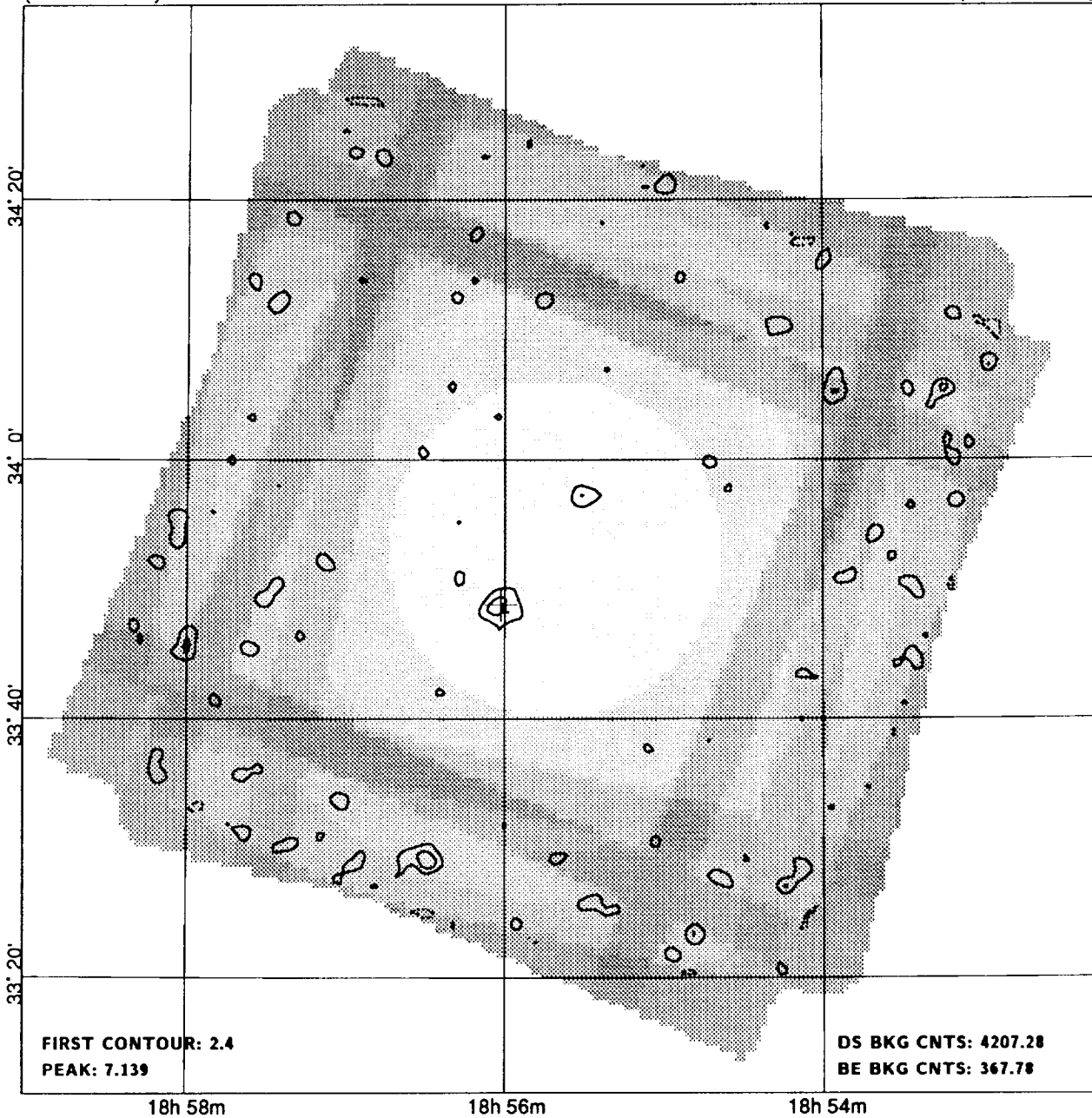
DATE: 1979/ 59 - 1979/ 86
LIVETIME: 6010.8s

NH: 3.6E+20
REF/ID:
FIELD FLAGS:

(18h 55m)

I 11298

(18h 55m)



18h 58m

18h 56m

18h 54m

MERGED FIELD; component Seq's: I 891, I 892.

FIELD CENTER: 18^h55^m39.8^s 33°53'05" (B1950)
18^h57^m30.0^s 33°57'10" (J2000)
ℓ: 64.38 b: 13.60

DATE: 1979/117 - 1979/291
LIVETIME: 3409.3s

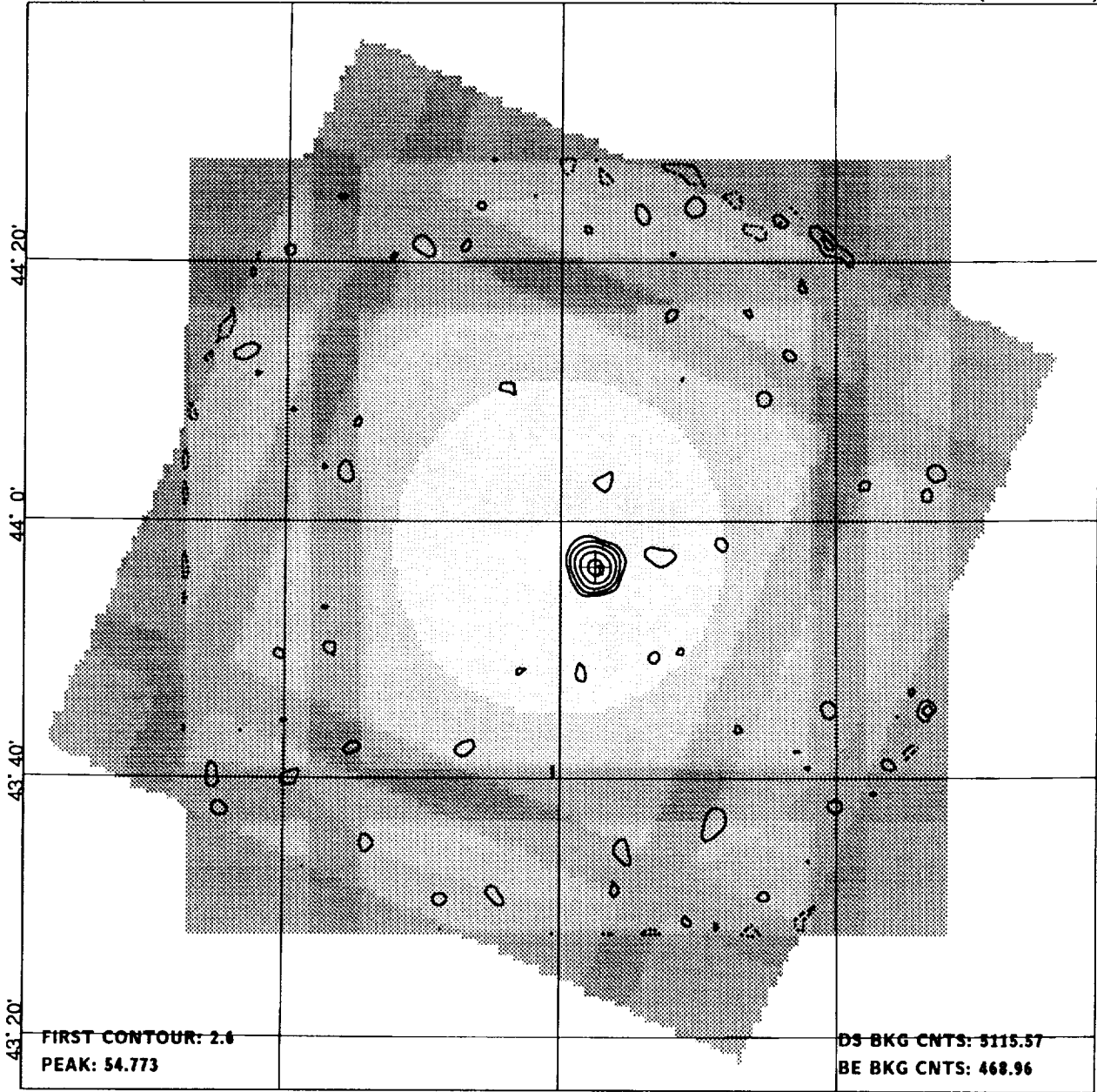
NH: 8.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
4173	1	18 56 01.4	33 48 51	43	0.0114	0.0026	27.5	10.5	4.5	0.9	0	6.0	

(19h 5m)

I 11304

(19h 5m)



MERGED FIELD; component Seq's: I 2273, I 2274.

FIELD CENTER: $19^h 05^m 59.8^s$ $43^\circ 57' 59''$ (B1950)
 $19^h 07^m 31.7^s$ $44^\circ 02' 47''$ (J2000)
 $l: 74.76$ $b: 15.79$

DATE: 1979/119 - 1979/279
 LIVETIME: 4145.3s

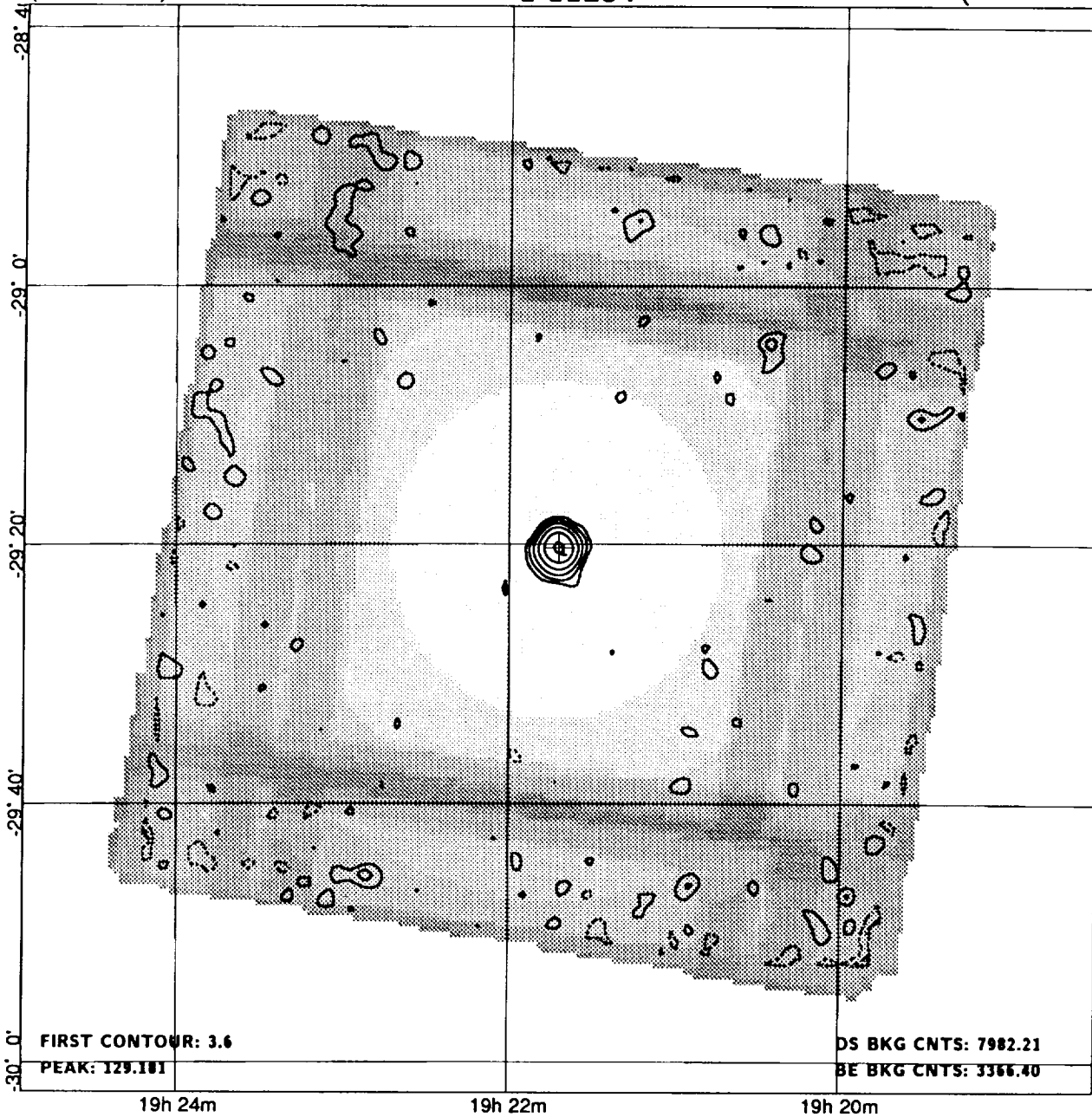
NH: 5.9E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
4185	1	19 05 44.9	43 56 29	31	0.0678	0.0049	205.5	13.5	13.9	1.1	0	2.9		CV

(19h 21m)

I 11234

(19h 21m)



MERGED FIELD; component Seq's: I 3890, I 3891, I 3892, I 3893.

FIELD CENTER: $19^h 21^m 42.0^s$ $-29^\circ 20' 25''$ (B1950)
 $19^h 24^m 50.8^s$ $-29^\circ 14' 29''$ (J2000)
 $l: 9.34$ $b: -19.61$

DATE: 1979/290 - 1980/ 97
 LIVETIME: 6468.2s

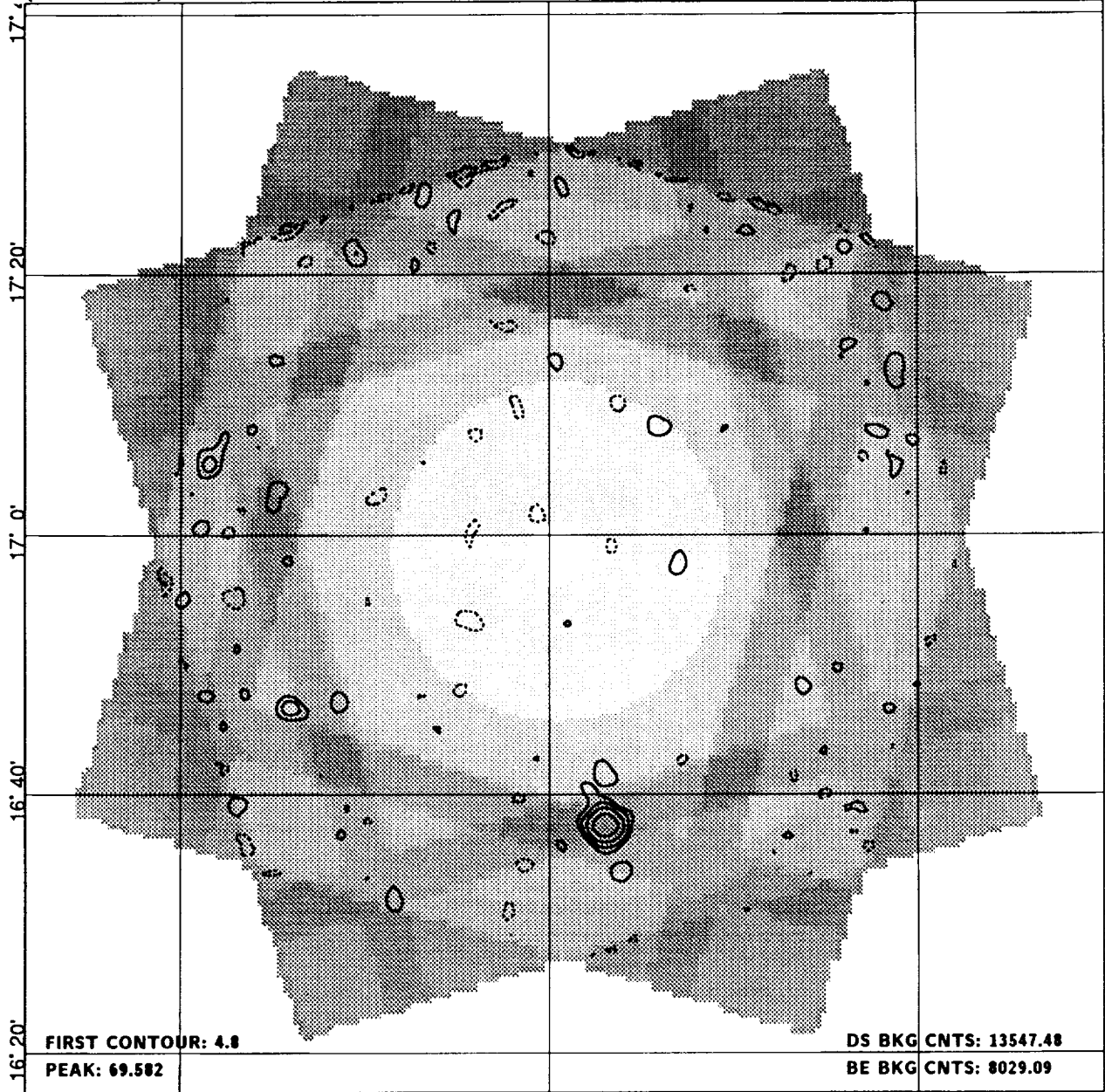
NH: $7.5E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
4245	1L	19 21 42.1	-29 20 16	31	0.1054	0.0055	509.7	54.3	18.9	1.1	0	0.1	BL

(19h 39m)

I 11281

(19h 39m)



FIRST CONTOUR: 4.8
 PEAK: 69.582

DS BKG CNTS: 13547.48
 BE BKG CNTS: 8029.09

19h 42m

19h 40m

19h 38m

MERGED FIELD; component Seq's: I 7820, I 7821.

FIELD CENTER: 19^h39^m54.9^s 16°58'59" (B1950)
 19^h42^m10.1^s 17°06'07" (J2000)
 l : 53.90 b : -3.02

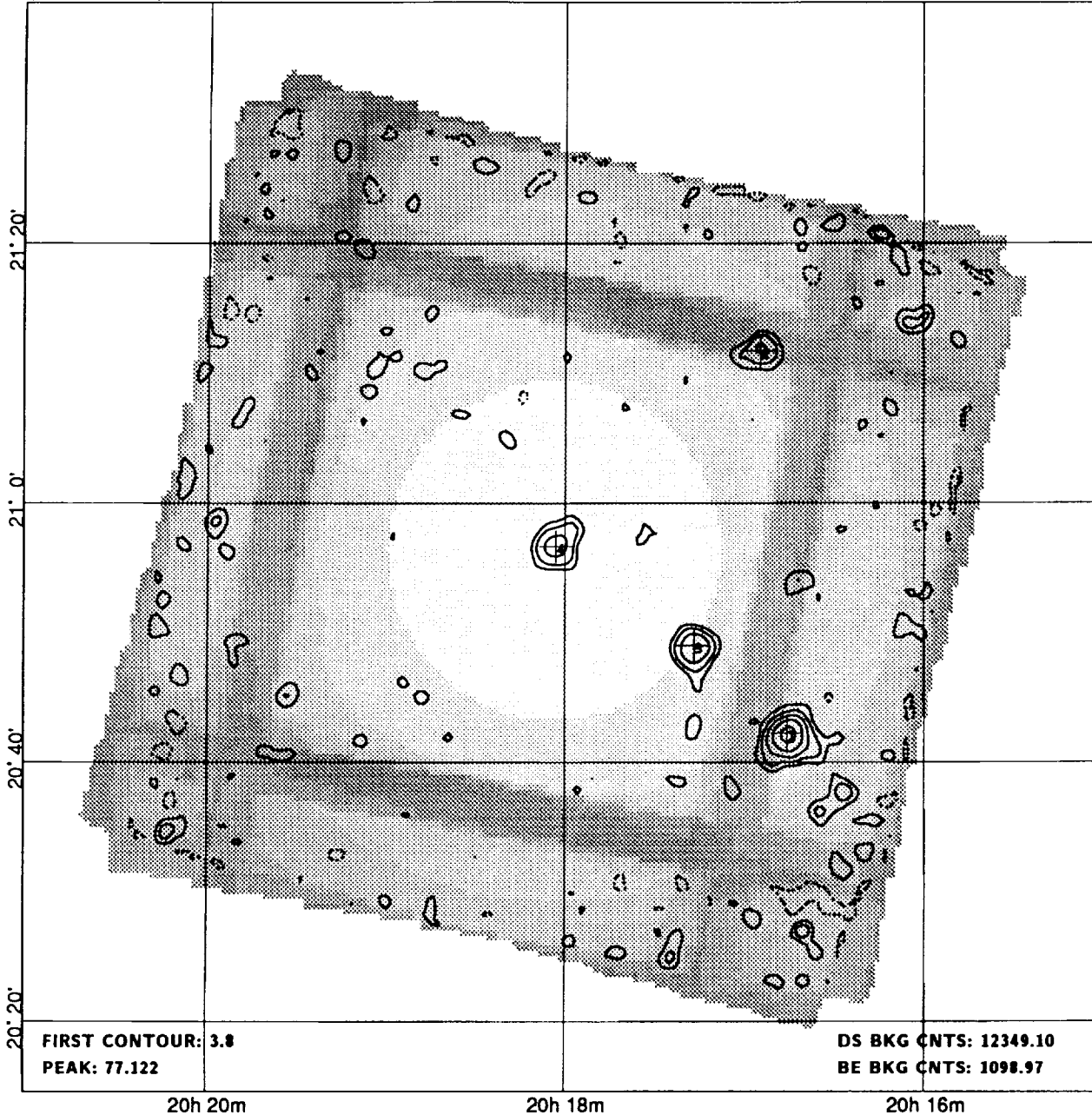
DATE: 1981/ 98 - 1981/110
 LIVETIME: 10978.1s

NH: 4.5E+21
 REF/ID:
 FIELD FLAGS: L

(20h 18m)

I 11290

(20h 18m)



MERGED FIELD; component Seq's: I 3506, I 3507.

FIELD CENTER: 20^h18^m01.8^s 20°56'38" (B1950)
 20^h20^m14.5^s 21°06'10" (J2000)
 l : 62.05 b : -8.60

DATE: 1979/121 - 1980/113
 LIVETIME: 10006.8s

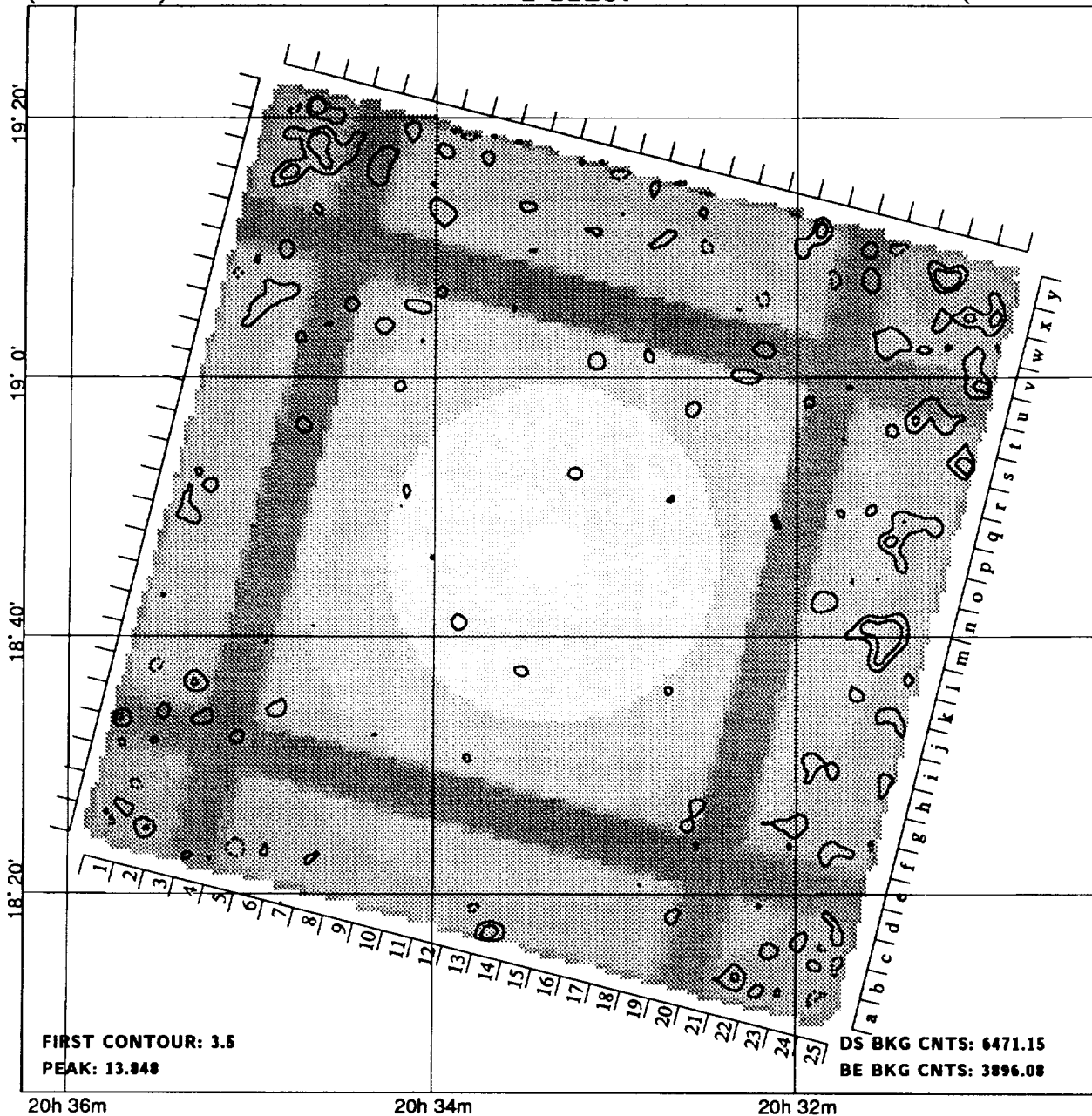
NH: 1.7E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
4353	1	20 16 45.4	20 42 15	47	*0.0397	0.0031	183.7	17.3	13.0	1.2	805	22.8	S
4354	2	20 16 54.4	21 11 43	51	*0.0094	0.0017	44.6	20.4	5.5	1.1	1509	21.9	
4356	3	20 17 16.6	20 48 57	38	0.0172	0.0018	107.1	24.9	9.3	1.1	0	13.0	
4361	4	20 18 03.0	20 56 39	32	0.0129	0.0015	96.5	31.5	8.5	1.1	0	0.4	

(20h 33m)

I 11287

(20h 33m)



FIRST CONTOUR: 3.5
PEAK: 13.848

DS BKG CNTS: 6471.15
BE BKG CNTS: 3896.08

20h 36m

20h 34m

20h 32m

MERGED FIELD; component Seq's: I 7311, I 7312.

FIELD CENTER: $20^h 33^m 17.6^s$ $18^\circ 46' 39''$ (B1950)
 $20^h 35^m 33.6^s$ $18^\circ 57' 05''$ (J2000)
 $l: 62.30$ $b: -12.79$

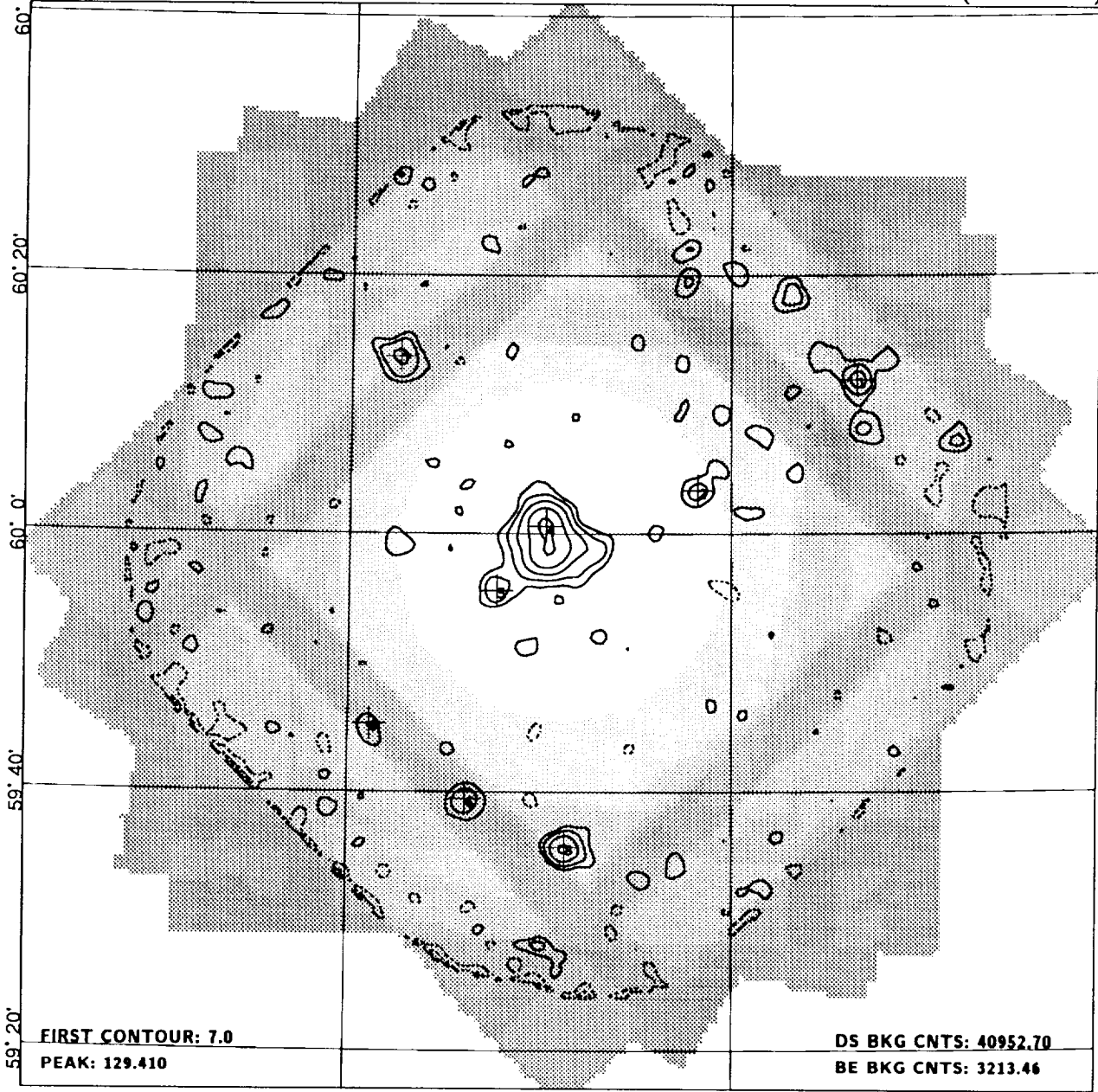
DATE: 1980/123 - 1981/ 97
LIVETIME: 5243.8e
ROLL ANGLE: -76.0°

NH: $7.0E+20$
REF/ID:
FIELD FLAGS: L

(20h 33m)

I 11308

(20h 33m)



20h 36m

20h 32m

MERGED FIELD; component Seq's: I 422, I 10314, I 10597.

FIELD CENTER: $20^{\text{h}}33^{\text{m}}47.8^{\text{s}}$ $59^{\circ}58'59''$ (B1950)
 $20^{\text{h}}34^{\text{m}}50.9^{\text{s}}$ $60^{\circ}09'24''$ (J2000)
 $l: 95.72$ $b: 11.68$

DATE: 1979/145 - 1981/ 27
 LIVETIME: 33185.1s

NH: 2.0E+21
 REF/ID: !

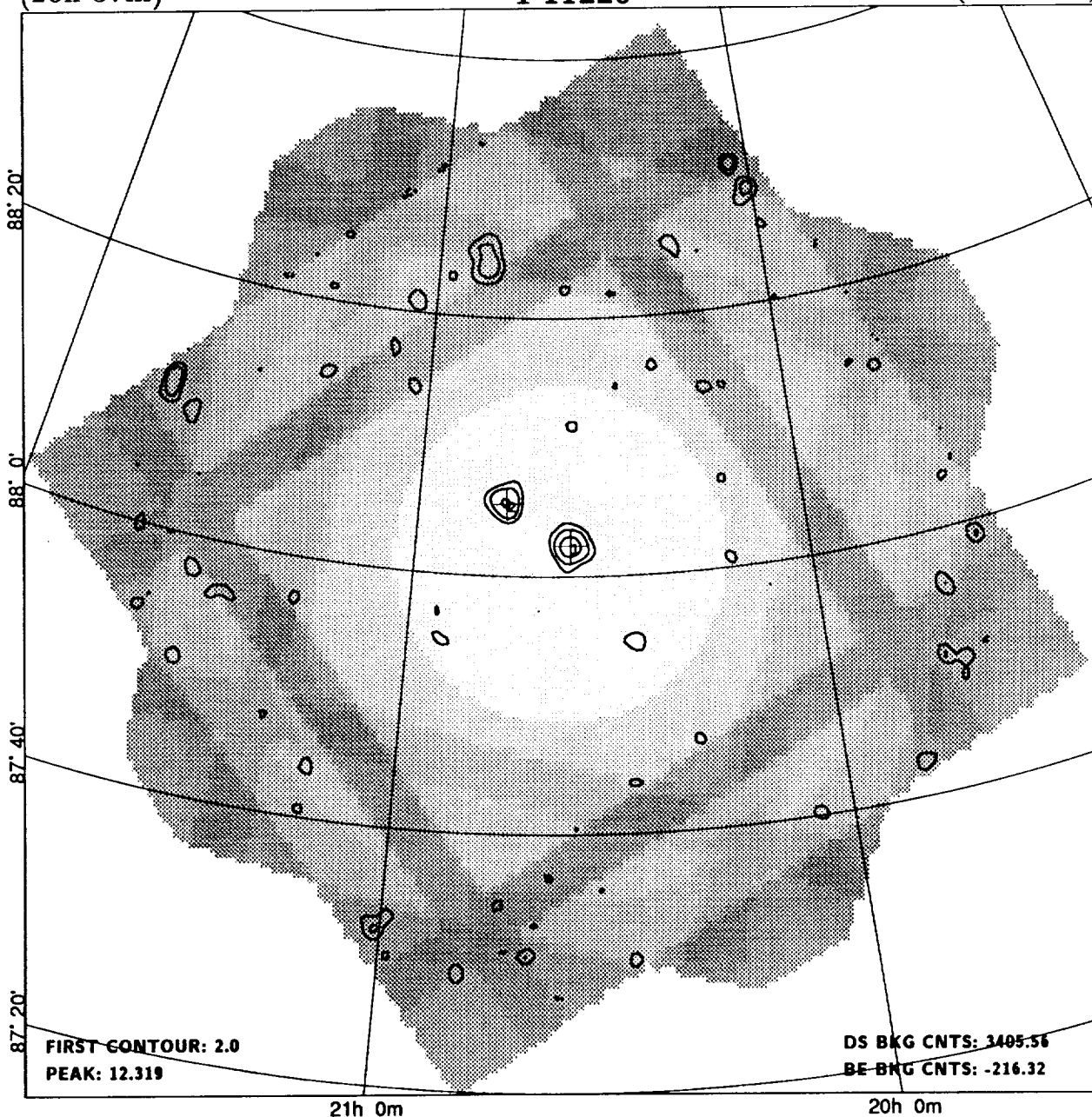
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
4377	1	20 30 41.2	60 11 55	51	0.00580	0.00089	78.5	65.5	6.5	1.3	0	26.6	
0	2	20 32 21.1	60 03 21	41	0.00269	0.00058	58.0	98.0	4.6	0.9	0	11.7	
4388	3	20 33 43.7	59 35 42	48	0.00940	0.00094	145.2	64.8	10.0	1.0	100	23.1	S
4389	4	20 33 56.4	60 00 33	31	0.0235	0.0011	572.2	108.8	21.9	2.7	0	2.1	G
4390	5	20 34 27.3	59 55 38	41	0.00375	0.00060	87.8	111.2	6.2	19.2	0	6.1	*
4392	6	20 34 46.2	59 39 27	55	*0.00402	0.00066	67.0	53.0	6.1	0.9	806	20.9	
4396	7	20 35 29.2	60 13 42	50	0.00579	0.00077	98.2	71.8	7.5	1.1	0	19.9	S
4397	8	20 35 46.5	59 45 14	53	0.00203	0.00057	34.2	57.8	3.6	0.6	0	20.4	

(20h 37m)

I 11220

(20h 37m)



MERGED FIELD; component Seq's: I 1969, I 1970.

FIELD CENTER: $20^h 37^m 35.8^s$ $88^{\circ} 01' 59''$ (B1950)
 $20^h 12^m 52.5^s$ $88^{\circ} 11' 54''$ (J2000)
 $l: 121.04$ $b: 26.49$

DATE: 1979/ 86 - 1979/227
 LIVETIME: 2759.6s

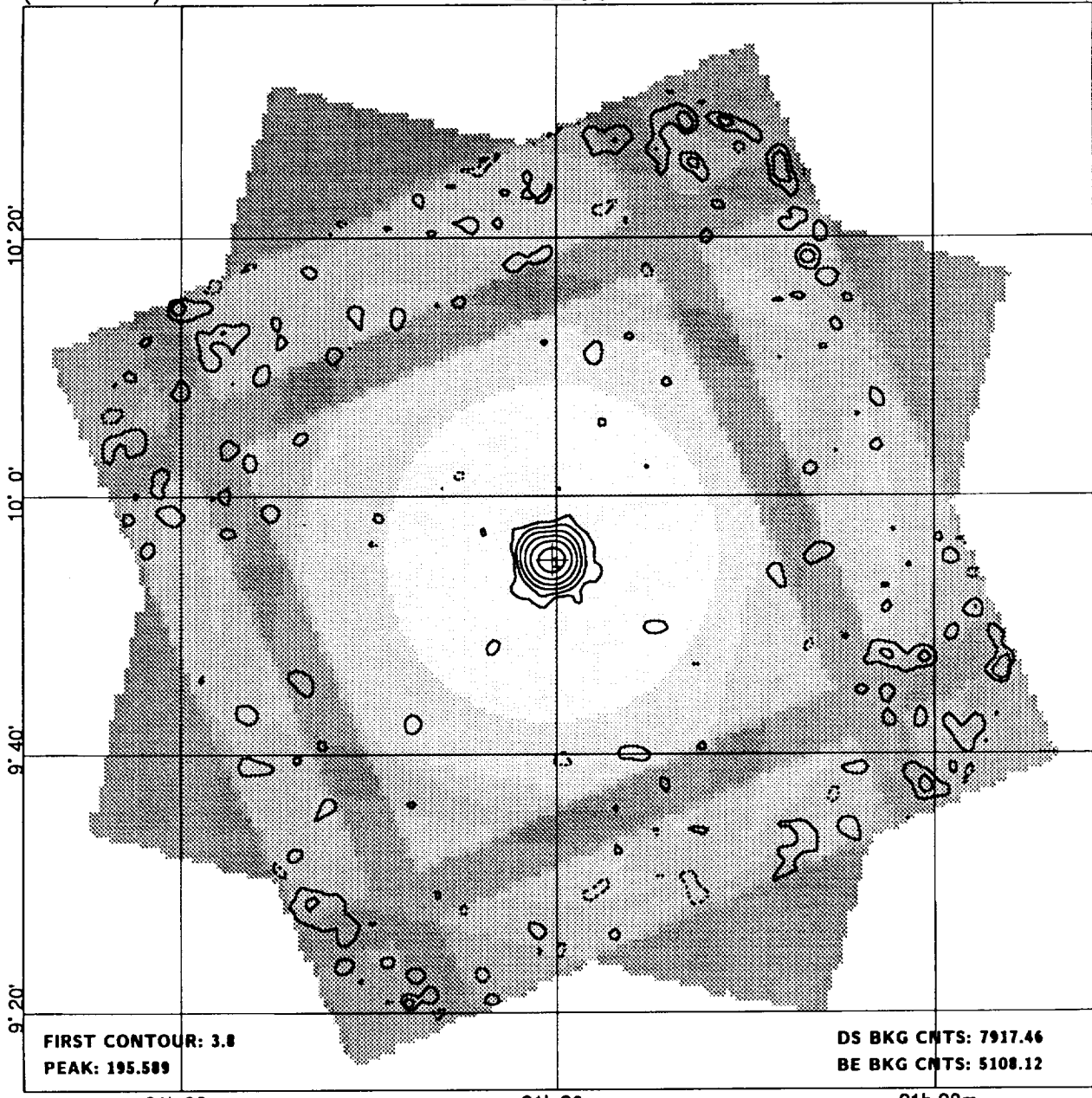
NH: $5.9E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
4399	1	20 36 18.5	88 02 23	35	0.0244	0.0037	50.0	8.0	6.6	1.0	0	0.6	
4423	2	20 46 14.9	88 05 35	41	0.0182	0.0034	35.5	7.5	5.4	0.8	0	5.9	

(21h 29m)

I 11084

(21h 29m)



21h 32m

21h 30m

21h 28m

MERGED FIELD; component Seq's: I 1971, I 1972.

FIELD CENTER: $21^{\text{h}}29^{\text{m}}59.9^{\text{s}}$ $09^{\circ}55'59''$ (B1950)
 $21^{\text{h}}32^{\text{m}}26.6^{\text{s}}$ $10^{\circ}09'18''$ (J2000)
 $l: 63.68$ $b: -29.06$

DATE: 1980/124 - 1981/110
LIVETIME: 6415.8s

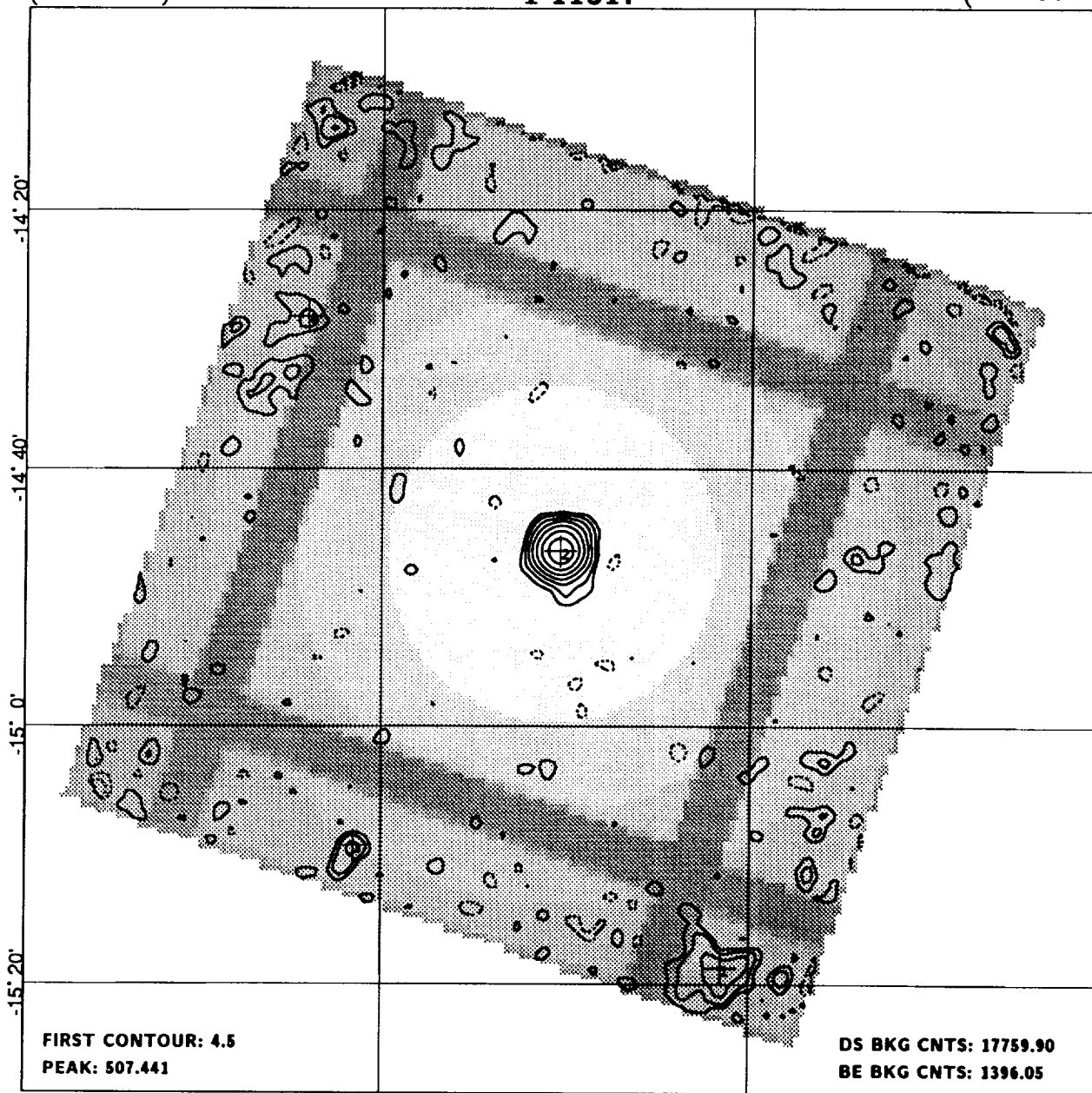
NH: $4.6\text{E}+20$
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
4486	1L	21 30 01.4	09 55 02	31	0.1650	0.0074	789.3	152.7	22.3	1.3	0	1.0		Q

(21h 35m)

I 11317

(21h 35m)



21h 36m

21h 34m

MERGED FIELD; component Seq's: I 531, I 5426.

FIELD CENTER: 21^h35^m01.0^s -14°46'26" (B1950)
 21^h37^m45.0^s -14°32'54" (J2000)
 l : 38.40 b : -43.33

DATE: 1979/139 - 1980/134
 LIVETIME: 14391.5s

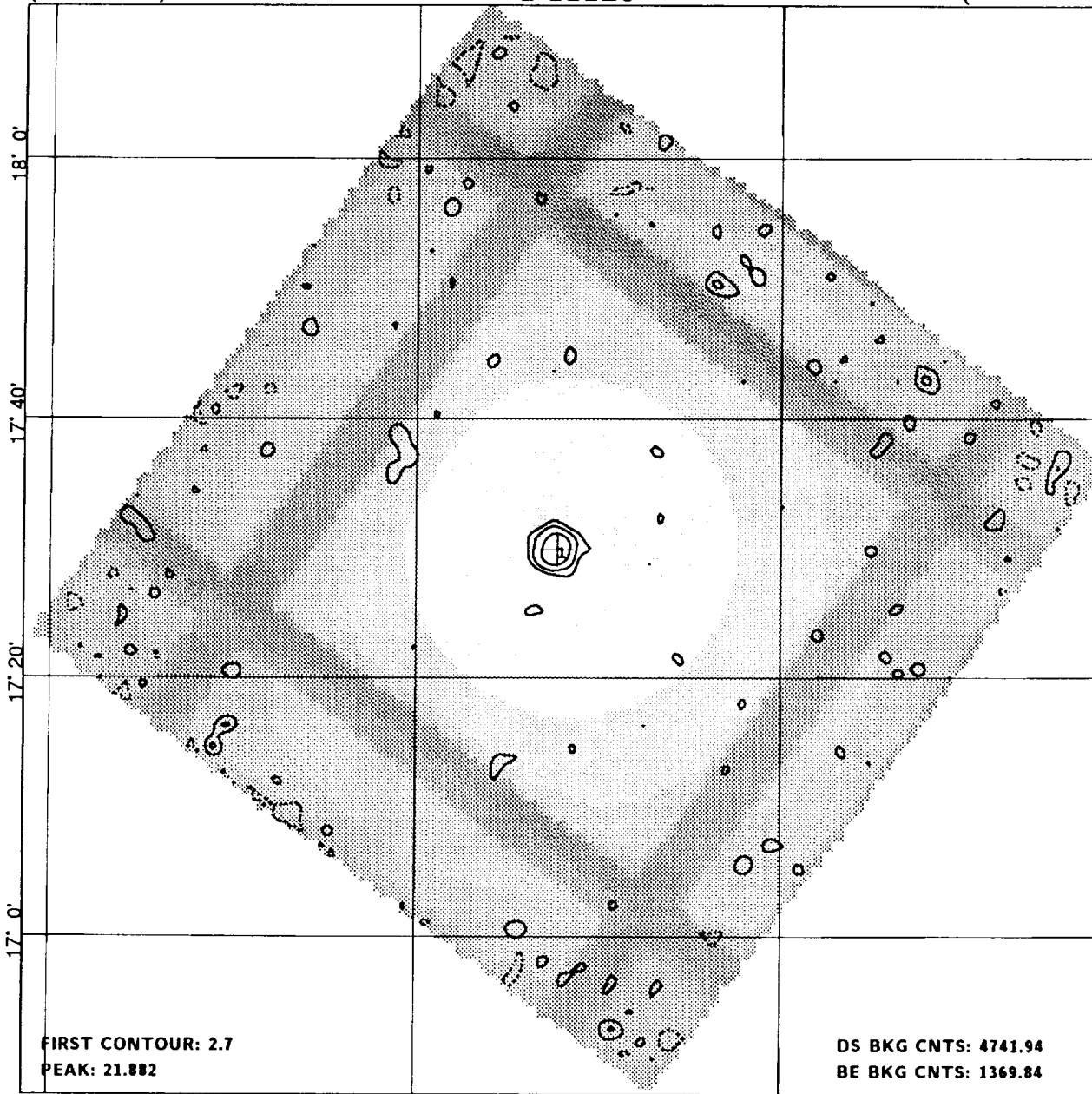
NH: 4.6E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE ±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
4496	1	21 34 09.1	-15 18 44	51	0.0148 0.0023	58.7	23.3	6.5	2.5	0	34.5	
4497	2	21 35 01.9	-14 46 20	31	0.1952 0.0043	2093.0	47.0	45.2	1.2	0	0.4	Q
4501	3	21 36 08.9	-15 09 15	51	0.0066 0.0015	37.1	30.9	4.5	1.0	0	28.1	
4503	4	21 36 24.0	-14 28 11	64	*0.0051 0.0013	29.5	27.5	3.9	1.2	601	27.4	

(21h 41m)

I 11126

(21h 41m)



MERGED FIELD; component Seq's: I 9667, I 9668, I 9672.

FIELD CENTER: $21^{\text{h}}41^{\text{m}}12.7^{\text{s}}$ $17^{\circ}29'48''$ (B1950)
 $21^{\text{h}}43^{\text{m}}34.5^{\text{s}}$ $17^{\circ}43'35''$ (J2000)
 $l: 72.11$ $b: -26.08$

DATE: 1980/357 - 1980/358
 LIVETIME: 3842.6s

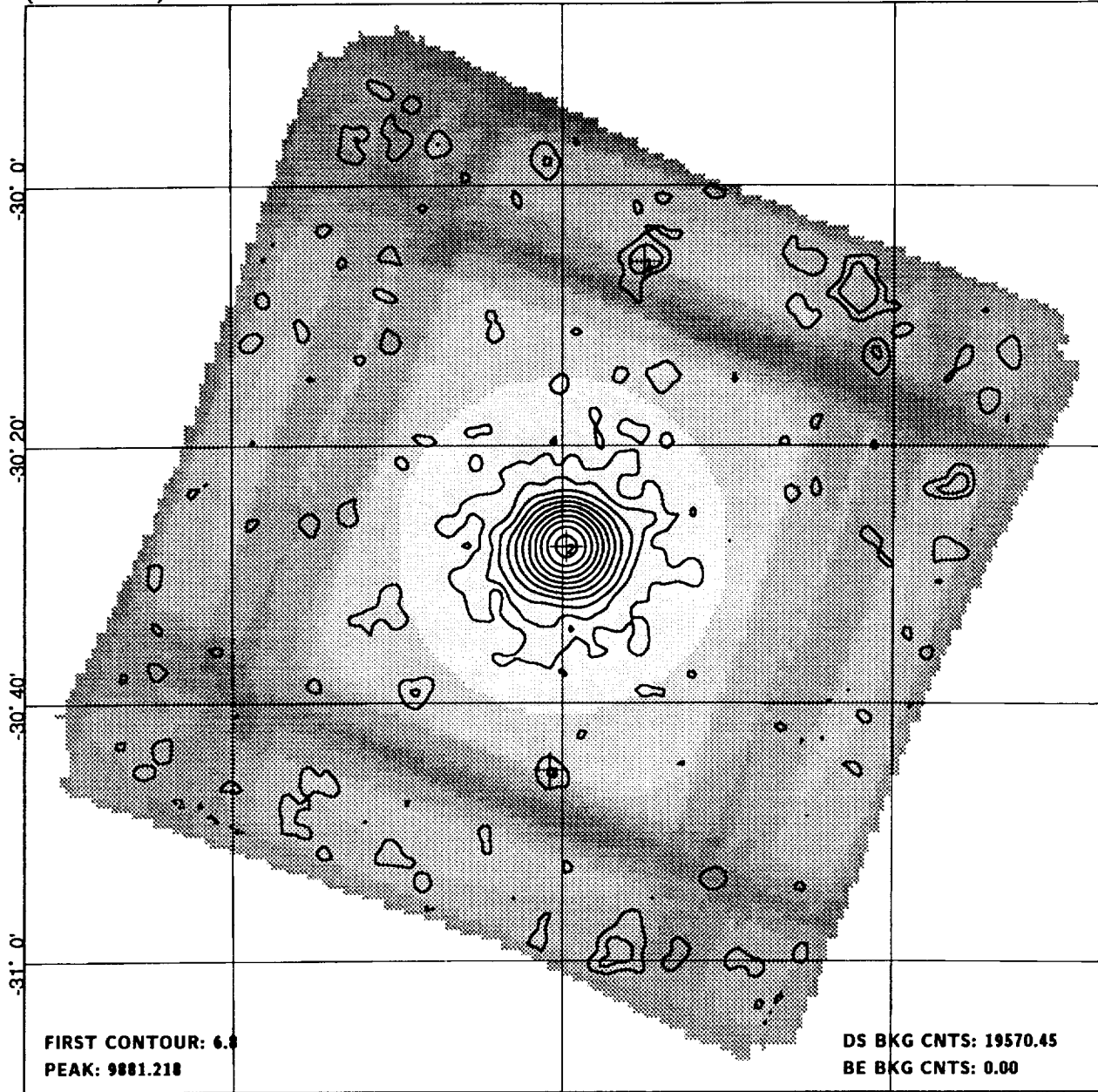
NH: $8.1\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm ''	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
4512	1	21 41 13.4	17 29 52	32	0.0336	0.0037	95.9	16.1	9.1	1.2	0	0.2		Q

(21h 55m)

I 11011

(21h 55m)



MERGED FIELD; component Seq's: I 5201, I 5202.

FIELD CENTER: $21^{\text{h}}55^{\text{m}}59.8^{\text{s}}$ $-30^{\circ}27'59''$ (B1950)
 $21^{\text{h}}58^{\text{m}}53.5^{\text{s}}$ $-30^{\circ}13'37''$ (J2000)
 $l: 17.73$ $b: -52.25$

DATE: 1979/309 - 1980/138
 LIVETIME: 15858.3s

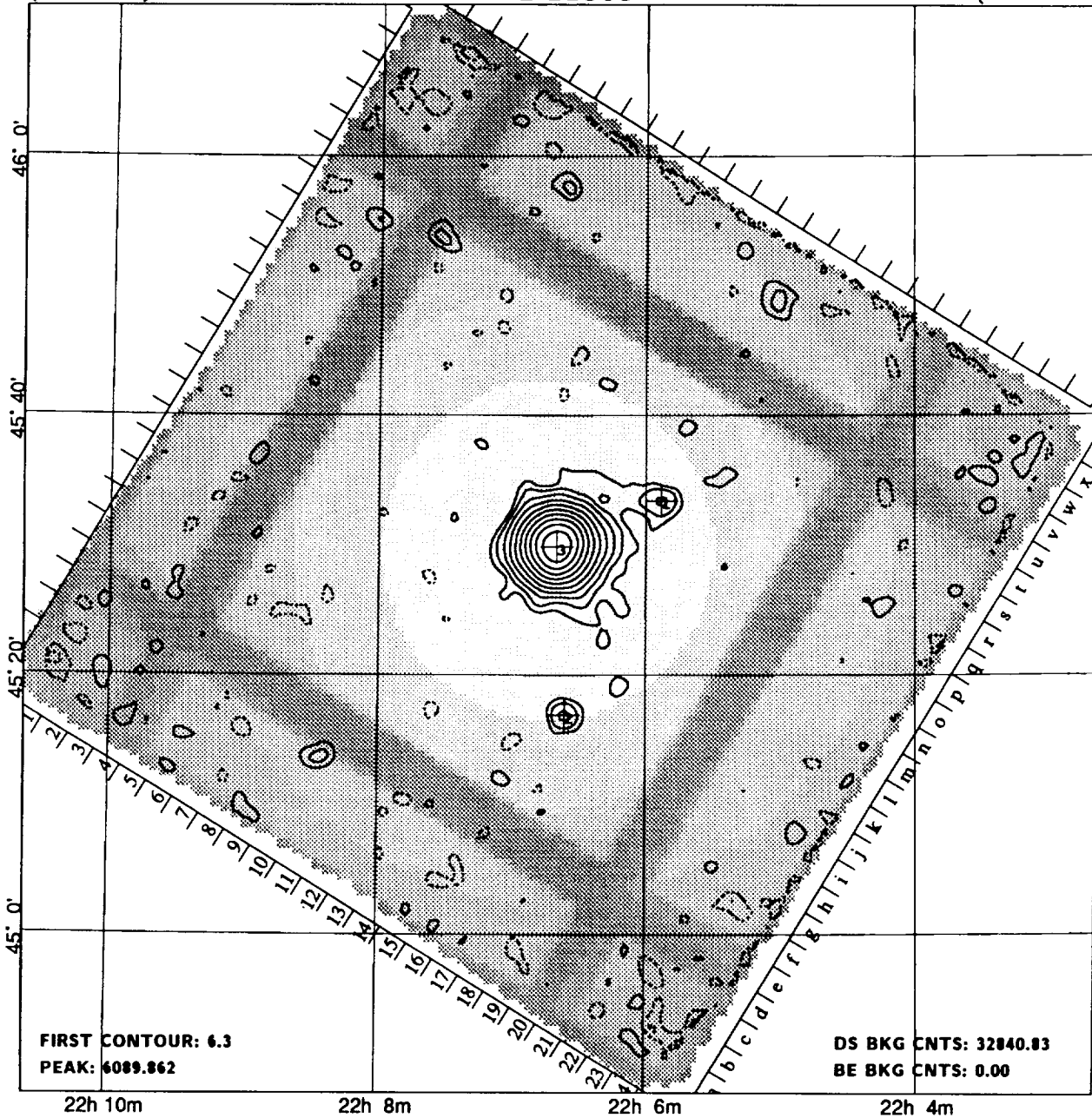
NH: $1.7\text{E}+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
0	1L	21 55 30.2	-30 05 52	53	0.0063	0.0016	46.2	45.8	3.8	1.2	100	23.0		
4544	2L	21 55 58.6	-30 27 49	31	3.099	0.021	36707.7	8147.3	150.3	1.5	0	0.3		BL
0	3L	21 56 04.6	-30 45 05	56	0.0049	0.0013	43.2	41.8	3.7	0.8	0	17.0		

(22h 6m)

I 11305

(22h 6m)



MERGED FIELD; component Seq's: I 5011, I 5012, I 5013, I 5014, I 5015, I 5016.

FIELD CENTER: $22^{\text{h}}06^{\text{m}}39.3^{\text{s}}$ $45^{\circ}29'43''$ (B1950)
 $22^{\text{h}}08^{\text{m}}40.9^{\text{s}}$ $45^{\circ}44'27''$ (J2000)
 $l: 95.56$ $b: -8.30$

DATE: 1980/165 - 1980/167
 LIVETIME: 26611.8s
 ROLL ANGLE: -58.7°

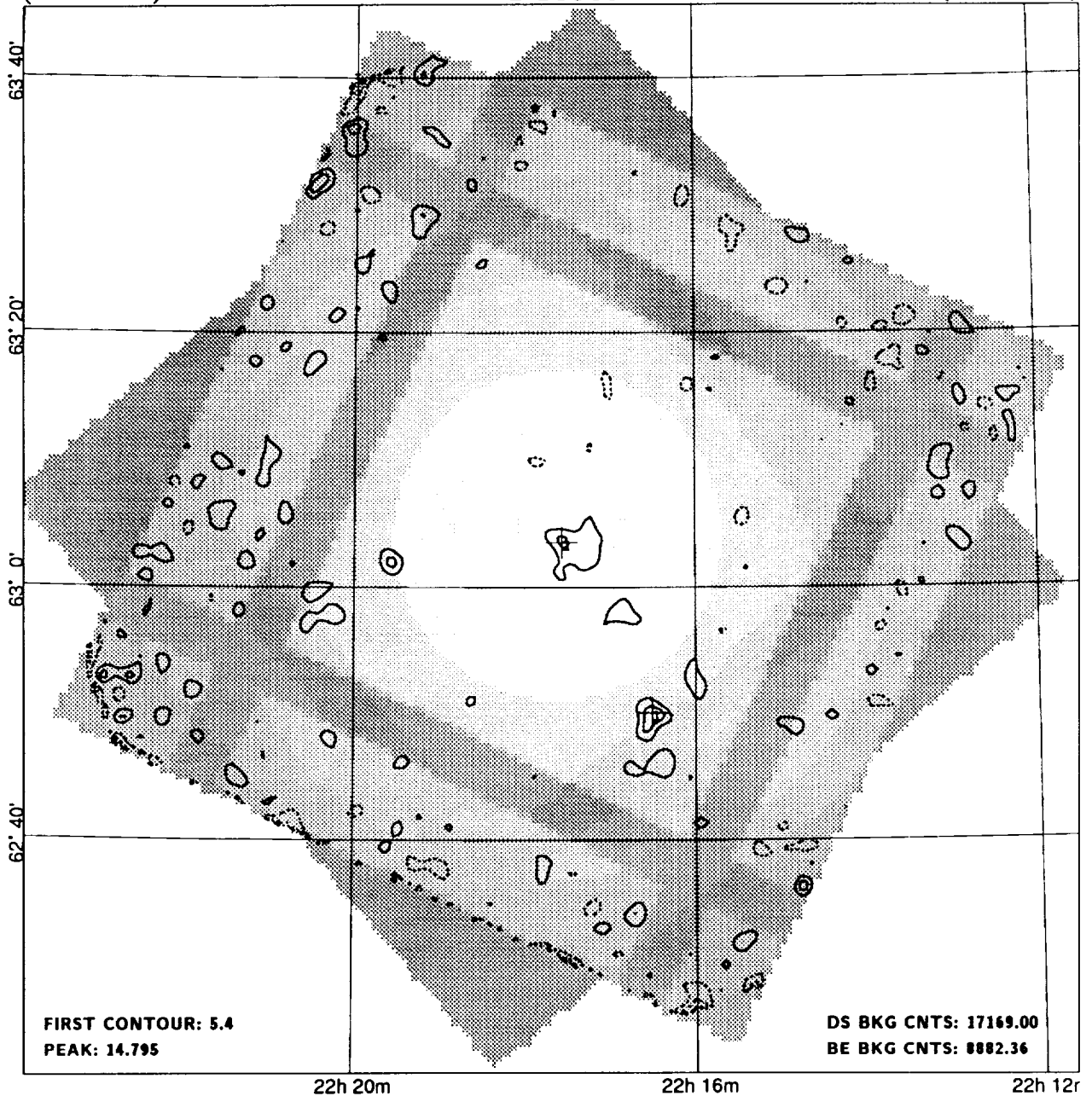
NH: $2.1\text{E}+21$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
0	1L	22 05 53.0	45 33 21	39	0.00498	0.00090	88.7	82.3	5.4	330.3	0	9.0	
4572	2L	22 06 36.2	45 16 56	41	0.00511	0.00092	85.5	73.5	5.4	0.8	0	12.9	
4573	3L	22 06 39.9	45 29 51	31	1.1916	0.0096	23612.1	4024.9	124.2	1.4	0	0.2	S

(22h 17m)

I 11309

(22h 17m)



FIRST CONTOUR: 5.4
 PEAK: 14.795

DS BKG CNTS: 17169.00
 BE BKG CNTS: 8882.36

22h 20m

22h 16m

22h 12m

MERGED FIELD; component Seq's: I 2577, I 5949.

FIELD CENTER: 22^h17^m40.9^s 63°03'44" (B1950)
 22^h19^m18.0^s 63°18'50" (J2000)
 l : 106.80 b : 5.31

DATE: 1979/193 - 1979/349
 LIVETIME: 13912.5s

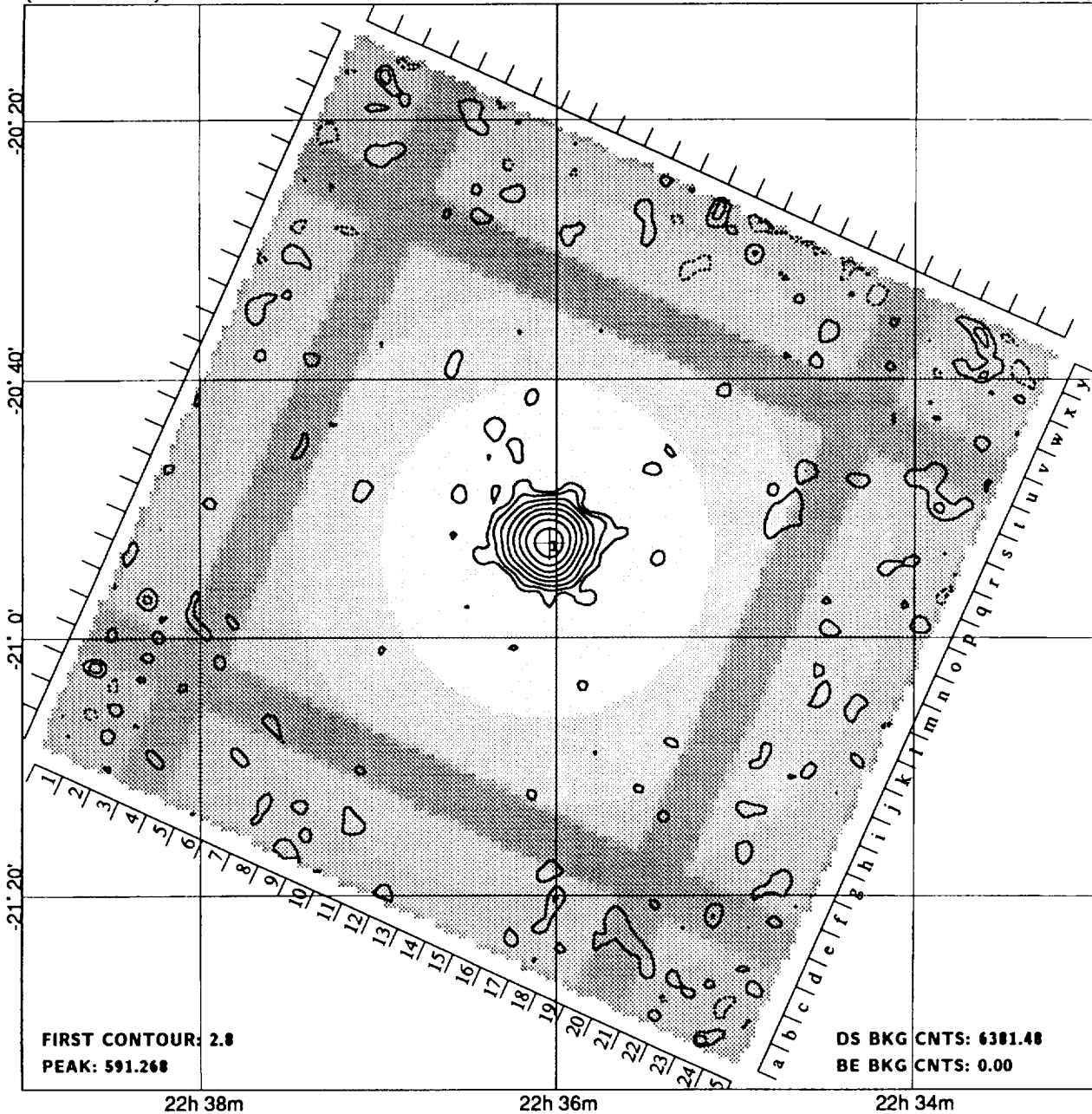
NH: 6.7E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
4591	1	22 16 30.4	62 50 01	51	0.0058	0.0013	46.2	57.8	4.5	1.0	0	16.0	
4593	2	22 17 34.0	63 03 31	36	0.0053	0.0011	55.4	66.6	5.0	1.5	0	1.1	

(22h 35m)

I 11016

(22h 35m)



MERGED FIELD; component Seq's: I 7380, I 7381, I 7382.

FIELD CENTER: $22^{\text{h}}35^{\text{m}}59.8^{\text{s}}$ $-20^{\circ}52'59''$ (B1950)
 $22^{\text{h}}38^{\text{m}}42.5^{\text{s}}$ $-20^{\circ}37'21''$ (J2000)
 $l: 37.81$ $b: -59.06$

DATE: 1980/132 - 1980/134
 LIVETIME: 5171.1s
 ROLL ANGLE: -65.8°

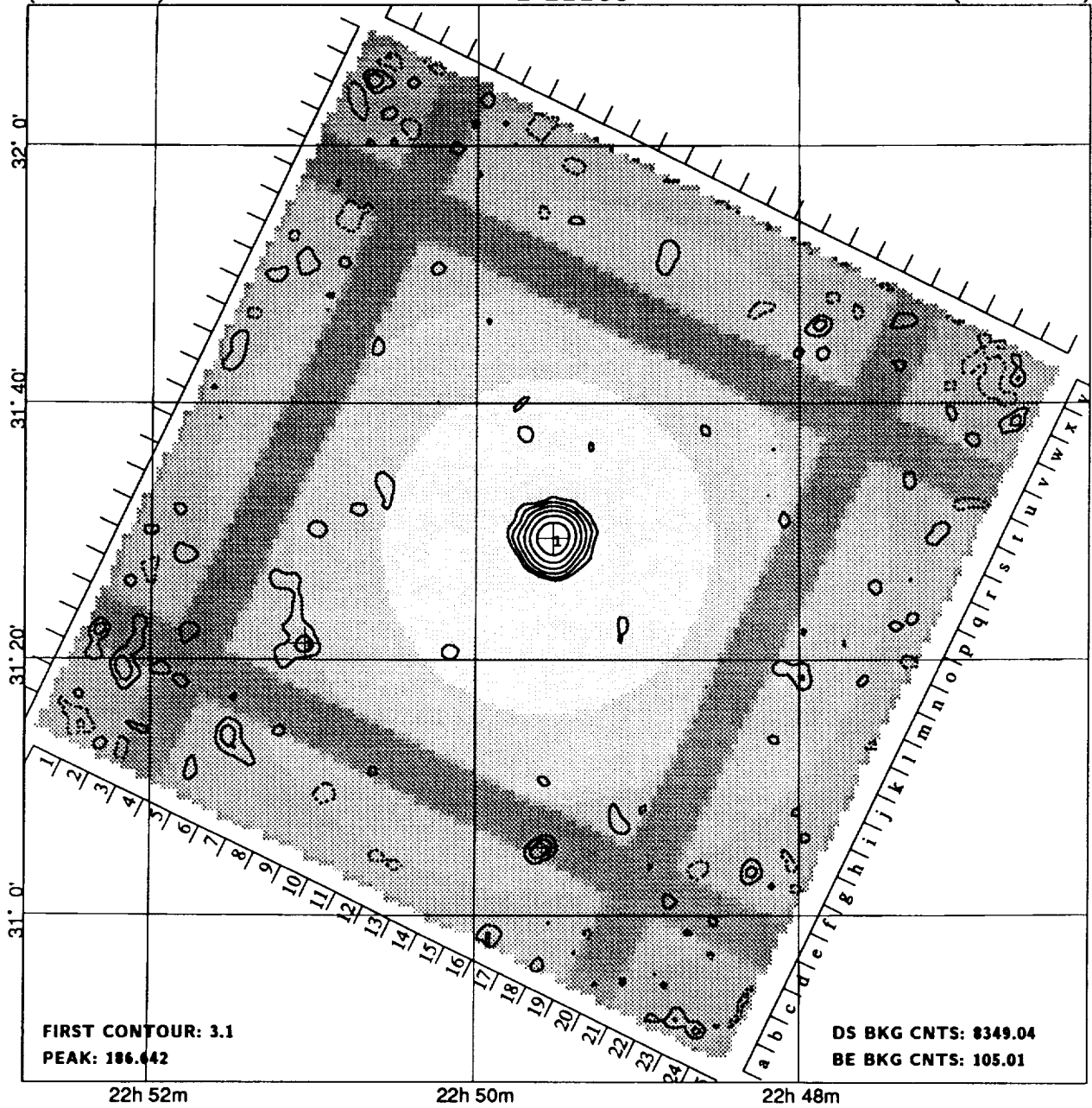
NH: $2.4\text{E}+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID FLG
4632	1L	22 36 02.4	-20 52 42	31	0.570	0.016	2195.4	625.6	35.4	1.5	0	0.8		

(22h 49m)

I 11163

(22h 49m)



MERGED FIELD; component Seq's: I 7362, I 7363, I 7364.

FIELD CENTER: 22^h49^m29.8^s 31°28'59" (B1950)
 22^h51^m51.3^s 31°44'56" (J2000)
l: 95.15 *b*: -24.59

DATE: 1980/167 - 1980/167
 LIVETIME: 6765.4s
 ROLL ANGLE: -64.2°

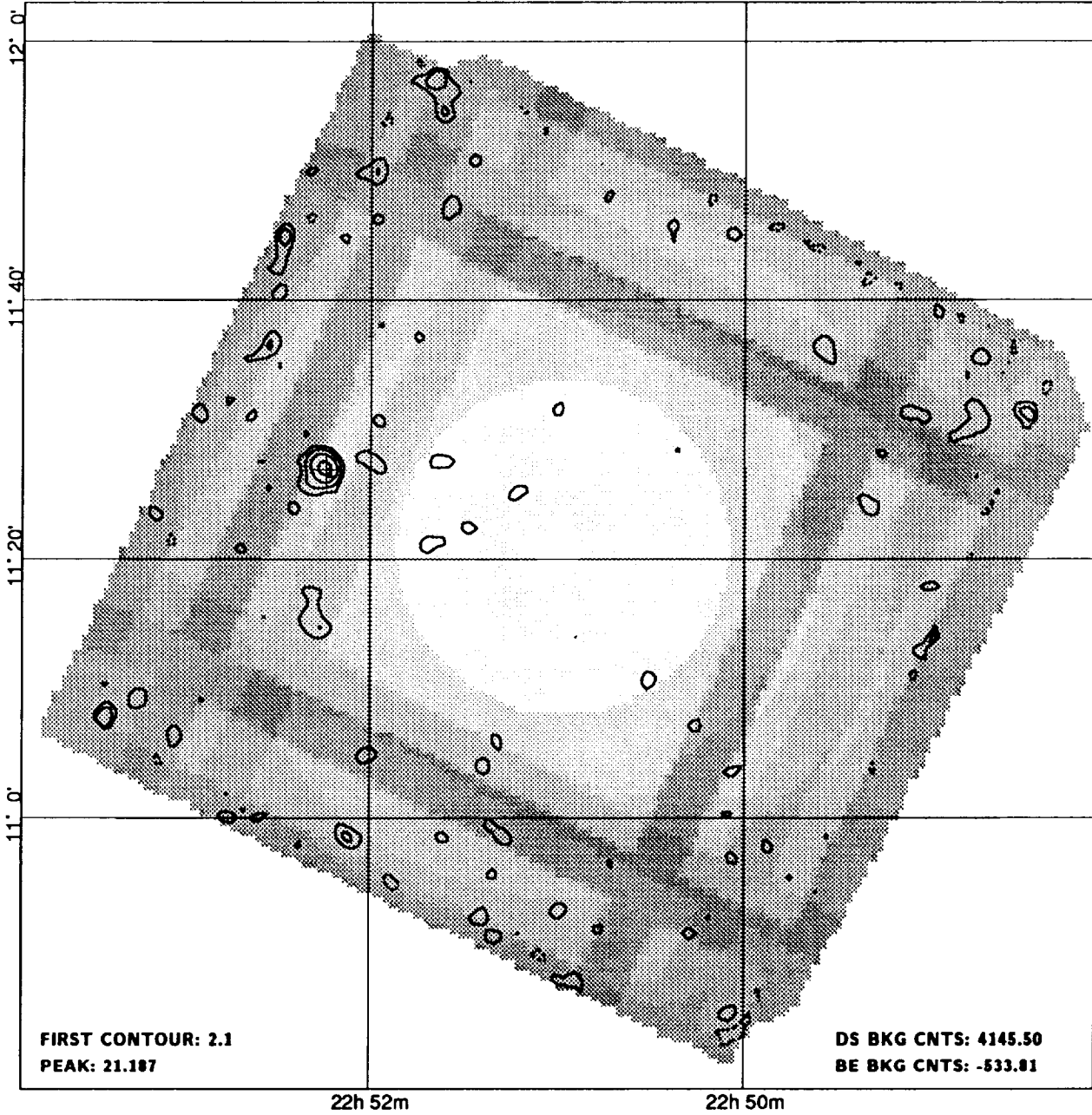
NH: 6.8E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
4641	1	22 49 31.4	31 29 29	31	0.1778	0.0060	894.9	19.1	29.6	1.4	0	0.6	
0	2	22 49 35.3	31 05 16	55	*0.0065	0.0018	20.0	11.0	3.6	0.6	1108	23.6	
0	3	22 51 03.3	31 21 16	55	0.0070	0.0019	23.9	16.1	3.8	1.5	0	21.5	

(22h 50m)

I 11094

(22h 50m)



MERGED FIELD; component Seq's: I 2072, I 2073.

FIELD CENTER: $22^{\text{h}}50^{\text{m}}59.8^{\text{s}}$ $11^{\circ}20'59''$ (B1950)
 $22^{\text{h}}53^{\text{m}}29.6^{\text{s}}$ $11^{\circ}36'58''$ (J2000)
 $l: 82.61$ $b: -41.84$

DATE: 1980/167 - 1980/356
 LIVETIME: 3359.2s

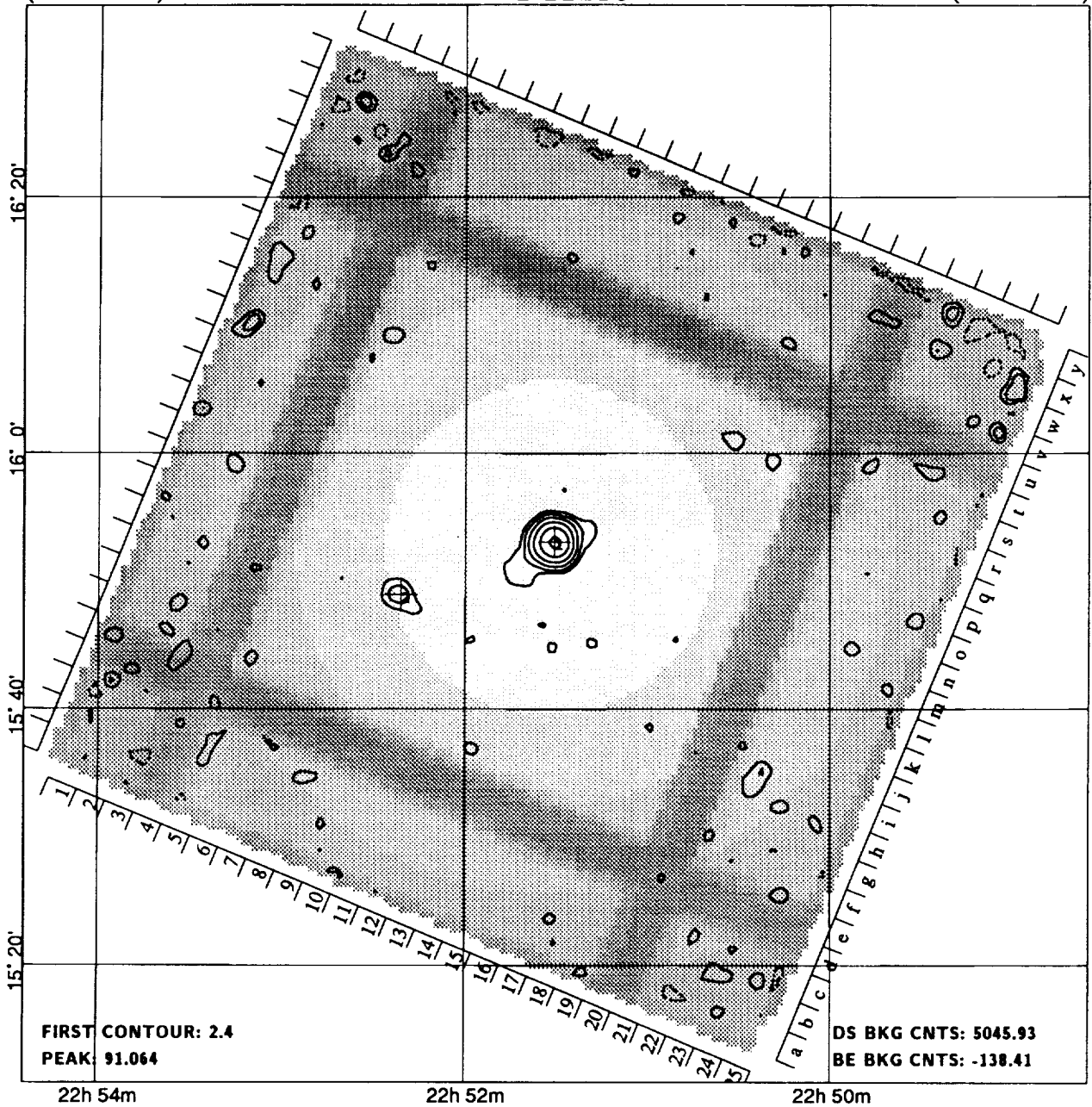
NH: $5.1\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
4647	1	22 52 14.2	11 26 57	50	0.0287	0.0043	50.1	5.9	6.7	0.9	0	19.2	

(22h 51m)

I 11116

(22h 51m)



MERGED FIELD; component Seq's: I 492, I 3908.

FIELD CENTER: $22^h 51^m 29.8^s$ $15^\circ 52' 54''$ (B1950)
 $22^h 53^m 58.0^s$ $16^\circ 00' 54''$ (J2000)
 $l: 86.11$ $b: -38.18$

DATE: 1980/158 - 1980/158
LIVETIME: 4088.9s
ROLL ANGLE: -67.6°

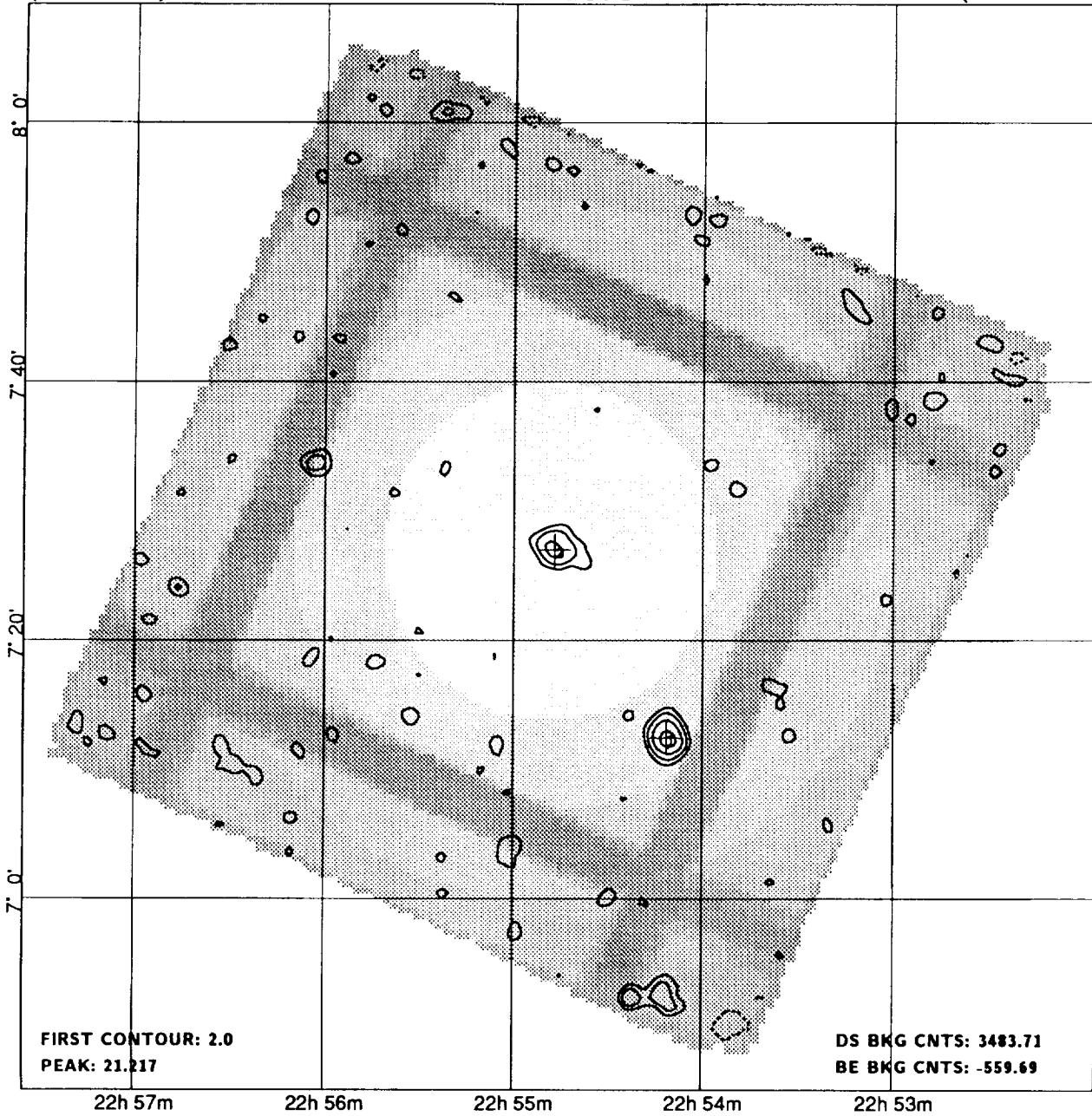
NH: $6.4E+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
4646	1	22 51 30.6	15 53 07	31	0.1154	0.0062	351.8	11.2	18.5	1.2	0	0.4	*
0	2	22 52 21.2	15 49 01	42	0.0093	0.0023	24.0	11.0	4.1	0.7	0	13.0	

(22h 54m)

I 11078

(22h 54m)



MERGED FIELD; component Seq's: I 3074, I 3075.

FIELD CENTER: $22^{\text{h}}54^{\text{m}}45.6^{\text{s}}$ $07^{\circ}27'10''$ (B1950)
 $22^{\text{h}}57^{\text{m}}17.0^{\text{s}}$ $07^{\circ}43'14''$ (J2000)
 $l: 80.42$ $b: -45.52$

DATE: 1979/144 - 1979/172
 LIVETIME: 2823.0s

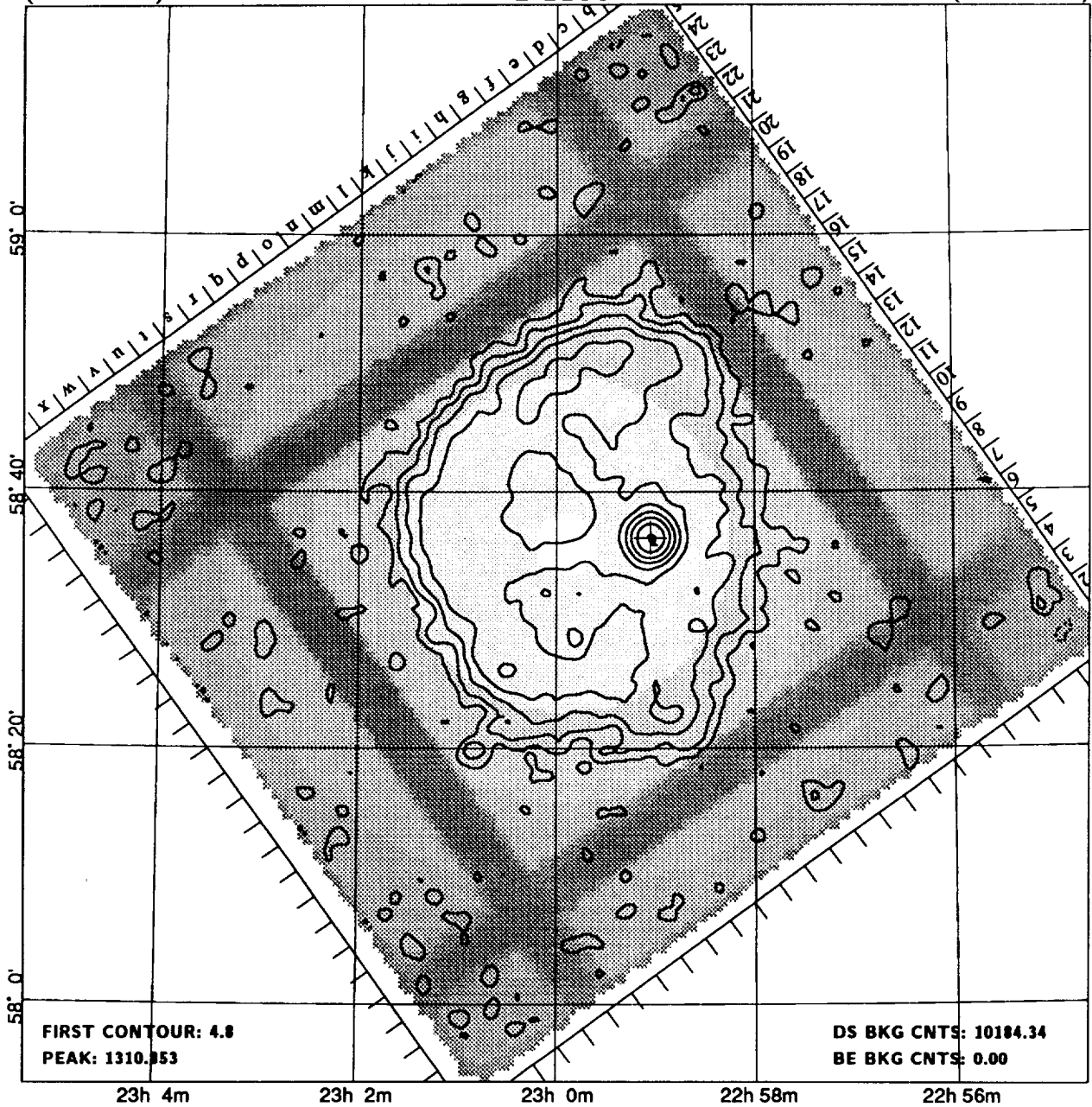
NH: $5.3\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
4656	1	22 54 11.3	07 12 29	50	0.0407	0.0053	64.2	4.8	7.7	1.0	100	16.8	*	
4662	2	22 54 47.0	07 26 58	35	0.0201	0.0033	42.2	6.8	6.0	1.1	0	0.4	BL	

(22h 59m)

I 11307

(22h 59m)



FIRST CONTOUR: 4.8
PEAK: 1310.853

DS BKG CNTS: 10184.34
BE BKG CNTS: 0.00

MERGED FIELD; component Seq's: I 9984, I 9985, I 9986.

FIELD CENTER: $22^{\text{h}}59^{\text{m}}59.8^{\text{s}}$ $58^{\circ}35'59''$ (B1950)
 $23^{\text{h}}02^{\text{m}}05.5^{\text{s}}$ $58^{\circ}52'08''$ (J2000)
 $l: 109.20$ $b: -1.06$

DATE: 1981/ 23 - 1981/ 26
LIVETIME: 8252.6s
ROLL ANGLE: 144.2°

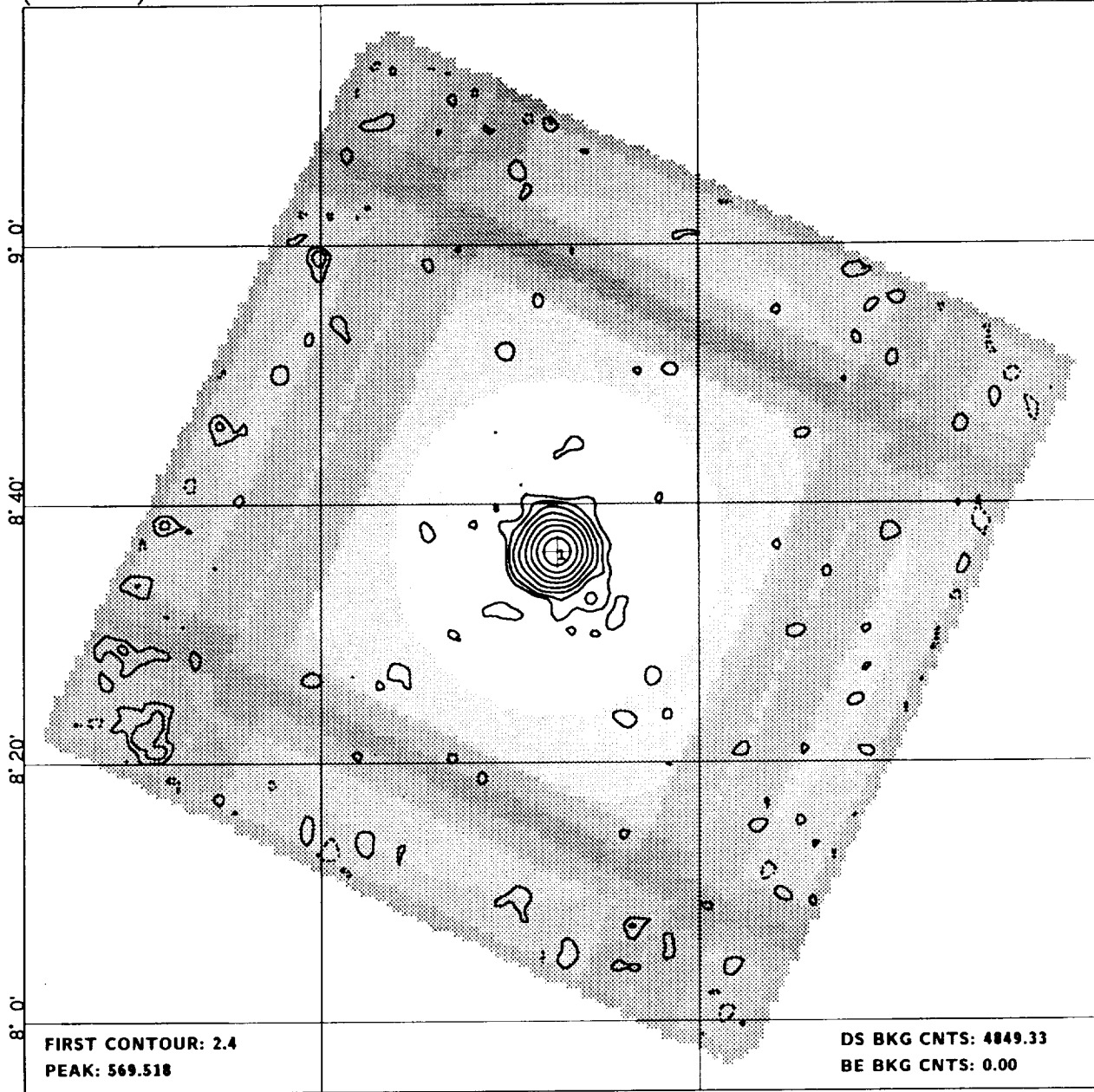
NH: $6.4E+21$
REF/ID:
FIELD FLAGS: DL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID FLG
4673	1L	22 59 03.3	58 36 26	37	0.796	0.014	4595.2	321.8	58.3	6.4	0	7.4	*	

(23h 0m)

I 11081

(23h 0m)



MERGED FIELD; component Seq's: I 1977, I 1978.

FIELD CENTER: $23^h 00^m 44.2^s$ $08^{\circ} 36' 30''$ (B1950)
 $23^h 03^m 15.4^s$ $08^{\circ} 52' 41''$ (J2000)
 $l: 83.10$ $b: -45.46$

DATE: 1980/171 - 1980/355
 LIVETIME: 3929.5s

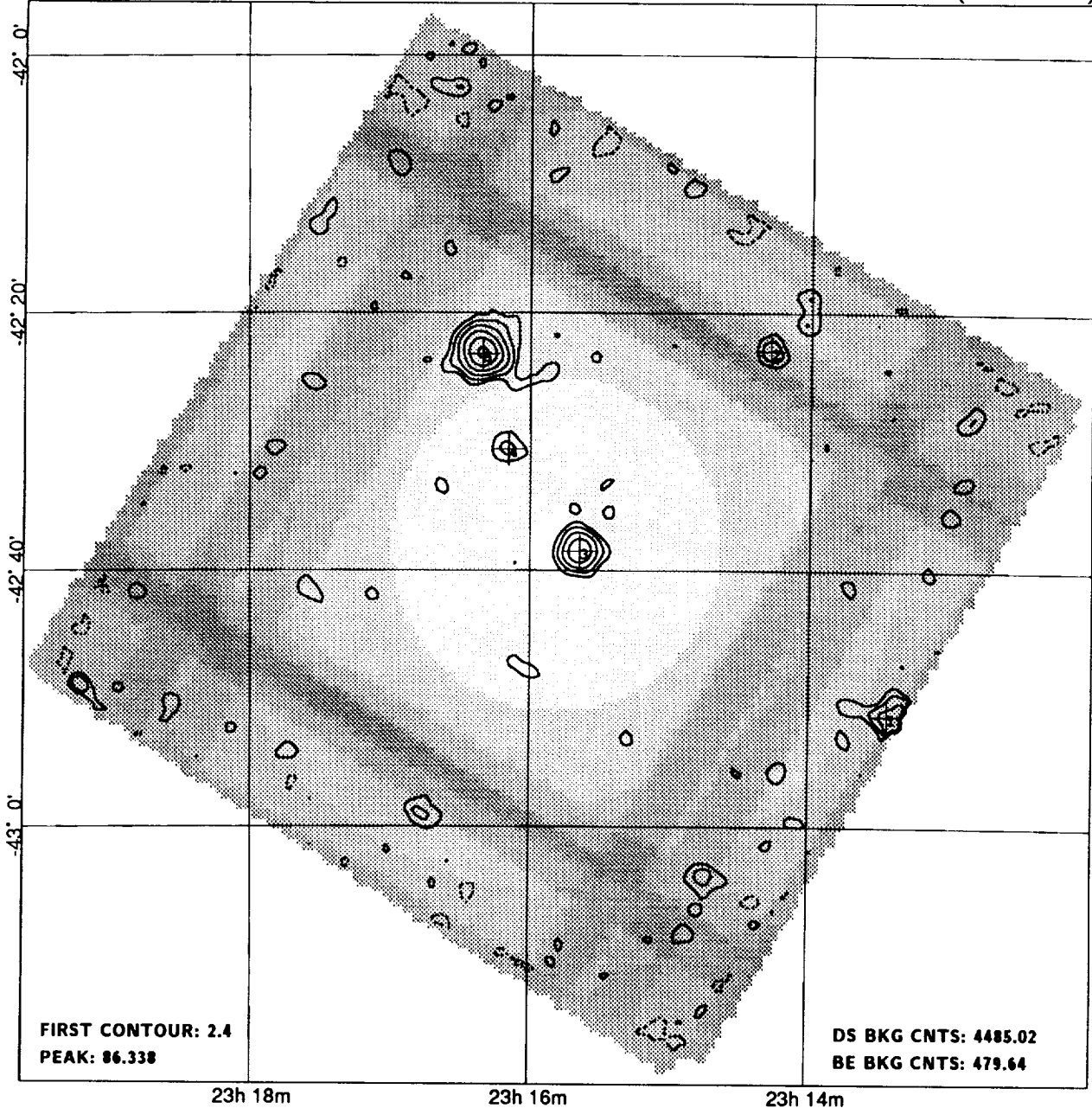
NH: $4.7E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID FLG
4675	1L	23 00 44.9	08 36 15	31	0.730	0.019	2143.4	333.6	37.7	1.4	0	0.3		

(23h 15m)

I 11005

(23h 15m)



MERGED FIELD; component Seq's: I 3066, I 3067.

FIELD CENTER: 23^h15^m47.8^s -42°37'59" (B1950)
23^h18^m33.0^s -42°21'34" (J2000)
l: 348.06 b: -65.73

DATE: 1979/325 - 1980/136
LIVETIME: 3634.3s

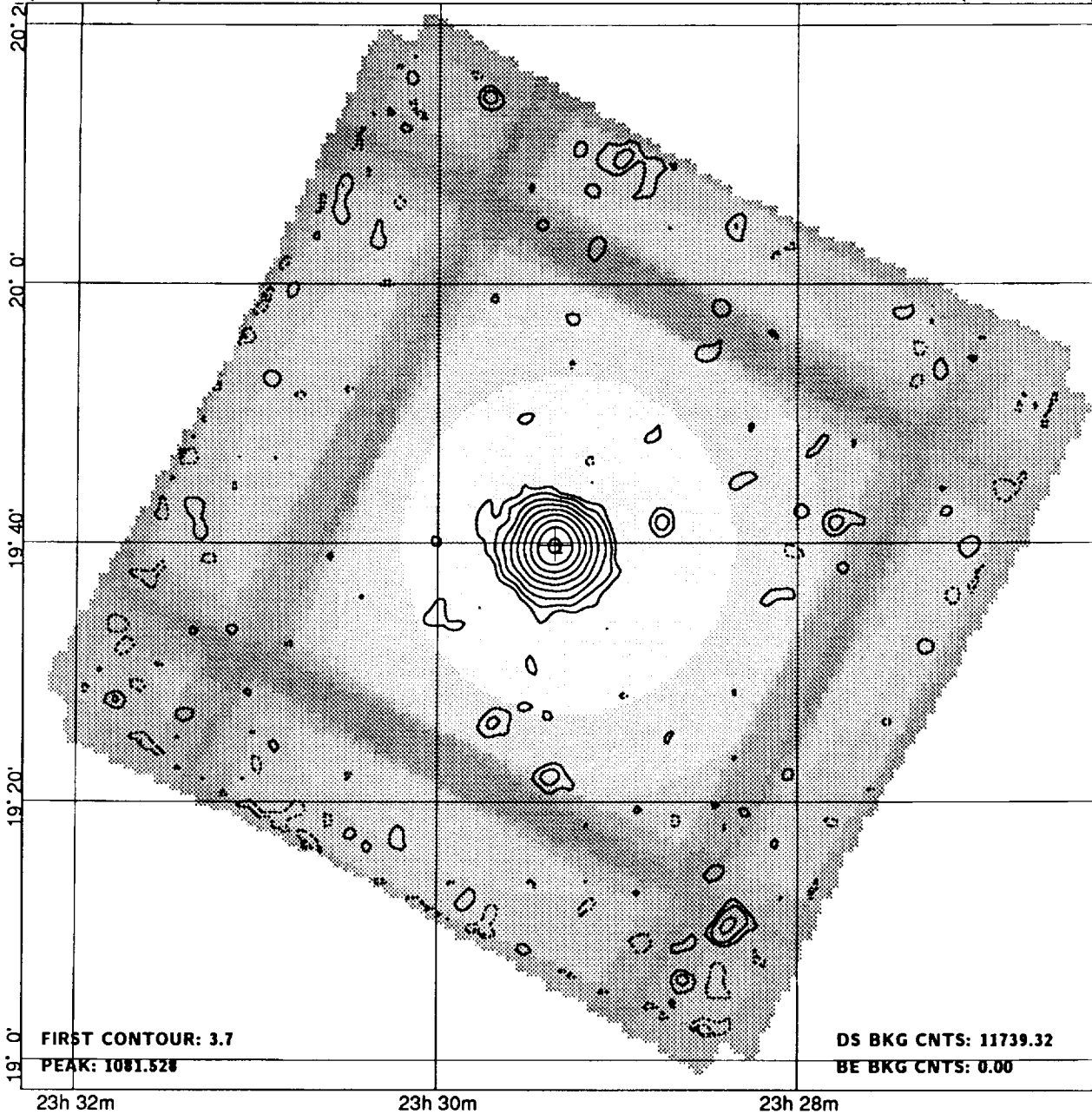
NH: 2.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
4704	1	23 13 26.5	-42 51 21	51	*0.0263	0.0057	27.0	7.0	4.6	1.1	703	29.0		G
0	2	23 14 17.2	-42 22 56	55	*0.0110	0.0029	18.7	6.3	3.7	0.8	1409	22.5		
4706	3	23 15 38.6	-42 38 30	31	0.0495	0.0045	133.3	11.7	11.1	1.0	0	1.8		G
4708	4	23 16 09.3	-42 30 36	43	0.0097	0.0024	24.2	11.8	4.0	0.7	0	8.4		
4709	5	23 16 20.5	-42 23 11	47	0.1203	0.0077	252.4	9.6	15.6	1.2	0	16.0		*

(23h 29m)

I 11134

(23h 29m)



MERGED FIELD; component Seq's: I 6972, I 6973.

FIELD CENTER: $23^{\text{h}}29^{\text{m}}19.7^{\text{s}}$ $19^{\circ}39'41''$ (B1950)
 $23^{\text{h}}31^{\text{m}}50.4^{\text{s}}$ $19^{\circ}56'15''$ (J2000)
 $l: 98.57$ $b: -39.14$

DATE: 1980/356 - 1981/ 5
 LIVETIME: 9512.7s

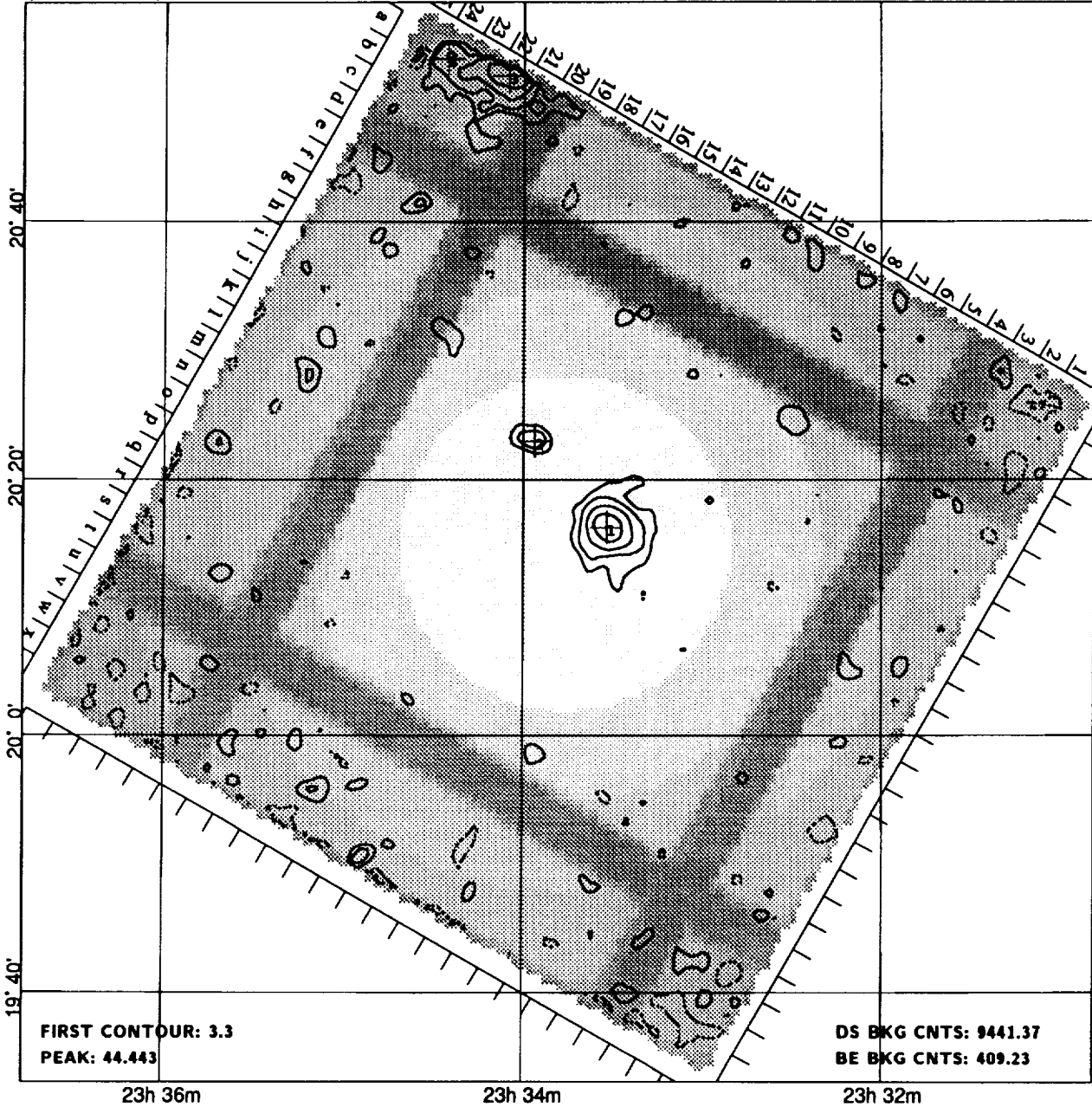
NH: $4.1\text{E}+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
4733	1L	23 29 20.9	19 39 49	31	0.551	0.012	3895.0	1121.0	47.2	1.6	0	0.3	S

(23h 33m)

I 11138

(23h 33m)



FIRST CONTOUR: 3.3
PEAK: 44.443

DS BKG CNTS: 9441.37
BE BKG CNTS: 409.23

23h 36m

23h 34m

23h 32m

MERGED FIELD: component Seq's: I 156, I 7702.

FIELD CENTER: 23^h33^m47.8^s 20°14'59" (B1950)
23^h36^m18.9^s 20°31'36" (J2000)
l: 100.11 b: -38.99

DATE: 1979/ 6 - 1981/ 5
LIVETIME: 7650.6s
ROLL ANGLE: 119.8°

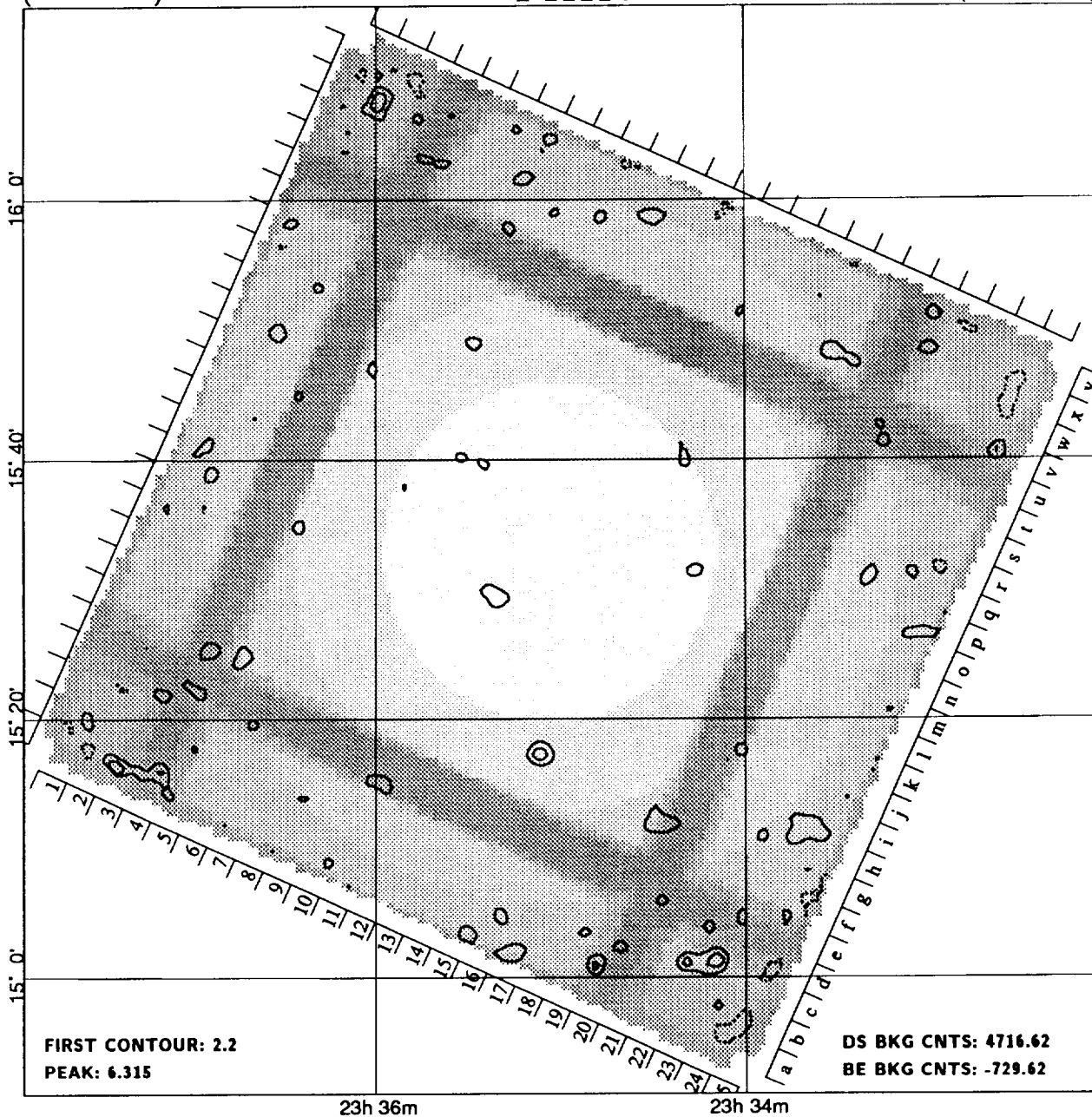
NH: 4.2E+20
REF/ID: !
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
4738	1	23 33 31.9	20 16 19	31	0.0330	0.0026	183.9	24.1	12.7	1.8	0	3.9		
0	2	23 33 56.2	20 22 59	42	0.0068	0.0015	35.4	24.6	4.6	1.0	0	9.0	S	
4739	3	23 34 05.0	20 51 19	50	*0.0545	0.0064	80.4	8.6	8.5	2.3	401	36.6	CLG	
0	4	23 34 25.6	20 52 40	65	0.0132	0.0037	20.0	12.0	3.5	6.3	0	38.8		

(23h 34m)

I 11114

(23h 34m)



MERGED FIELD: component Seq's: I 155, I 7704.

FIELD CENTER: $23^{\text{h}}34^{\text{m}}59.8^{\text{s}}$ $15^{\circ}32'59''$ (B1950)
 $23^{\text{h}}37^{\text{m}}31.6^{\text{s}}$ $15^{\circ}49'36''$ (J2000)
 $l: 98.10$ $b: -43.45$

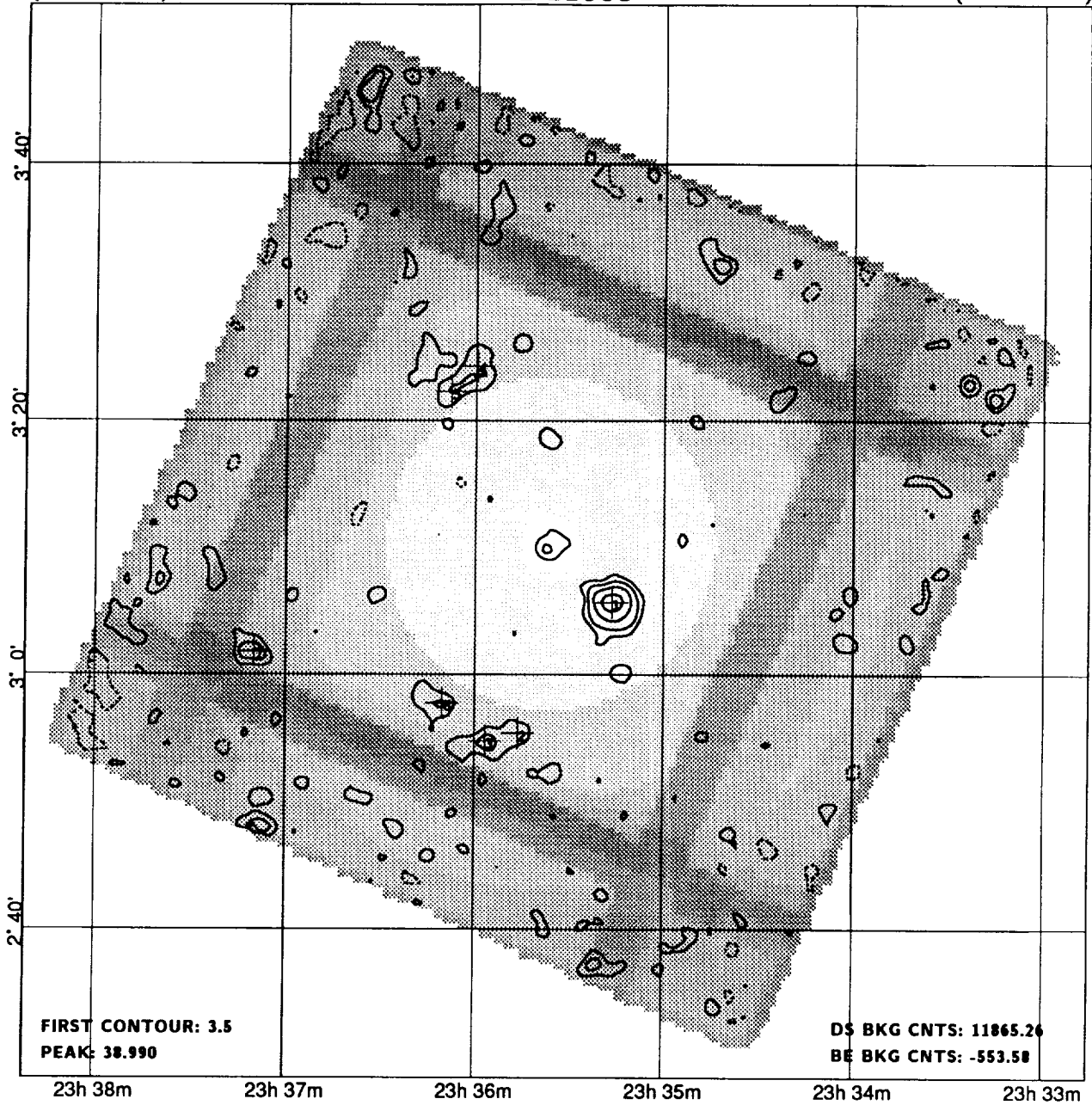
DATE: 1979/179 - 1980/168
 LIVETIME: 3822.0s
 ROLL ANGLE: -65.7°

NH: $3.7\text{E}+20$
 REF/ID:
 FIELD FLAGS:

(23h 35m)

I 11068

(23h 35m)



MERGED FIELD; component Seq's: I 3076, I 3077, I 7730.

FIELD CENTER: $23^h 35^m 33.7^s$ $03^{\circ} 10' 23''$ (B1950)
 $23^h 38^m 07.1^s$ $03^{\circ} 27' 01''$ (J2000)
 $l: 90.05$ $b: -54.67$

DATE: 1979/166 - 1980/173
 LIVETIME: 9614.8s

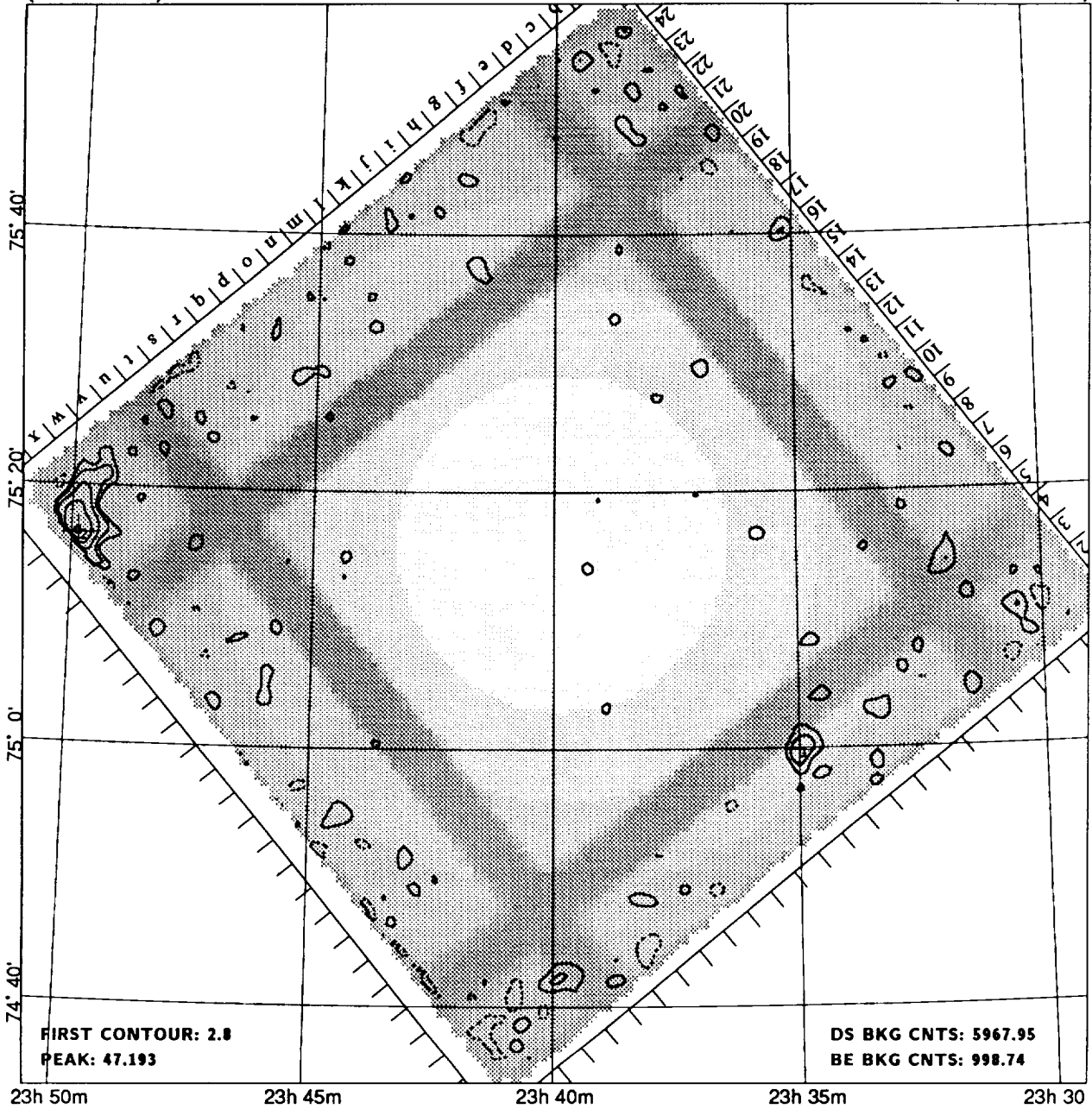
NH: $5.4E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
4741	1	23 35 16.4	03 05 42	38	0.0227	0.0020	152.9	27.1	11.4	1.3	0	6.2	S
0	2	23 35 46.2	02 55 24	57	0.0042	0.0012	24.1	20.9	3.6	2.0	0	15.1	
0	3	23 35 56.6	02 54 48	52	0.0045	0.0012	25.0	22.0	3.6	1.5	100	16.6	
0	4	23 35 59.5	03 24 11	59	0.0047	0.0012	26.9	19.1	4.0	1.9	0	15.9	
0	5	23 36 07.8	03 22 13	55	0.0047	0.0012	27.2	23.8	3.8	1.7	0	15.1	
0	6	23 36 10.3	02 57 45	55	0.0044	0.0012	24.8	22.2	3.6	0.9	0	15.7	
4748	7	23 37 09.9	03 01 52	56	0.0065	0.0016	27.1	15.9	4.1	0.9	600	25.1	

(23h 39m)

I 11315

(23h 39m)



MERGED FIELD; component Seq's: I 7356, I 7357, I 7358.

FIELD CENTER: $23^{\text{h}}39^{\text{m}}59.8^{\text{s}}$ $75^{\circ}15'59''$ (B1950)
 $23^{\text{h}}42^{\text{m}}12.4^{\text{s}}$ $75^{\circ}32'38''$ (J2000)
 $l: 118.56$ $b: 13.26$

DATE: 1981/ 30 - 1981/ 32
 LIVETIME: 4836.0s
 ROLL ANGLE: 140.8°

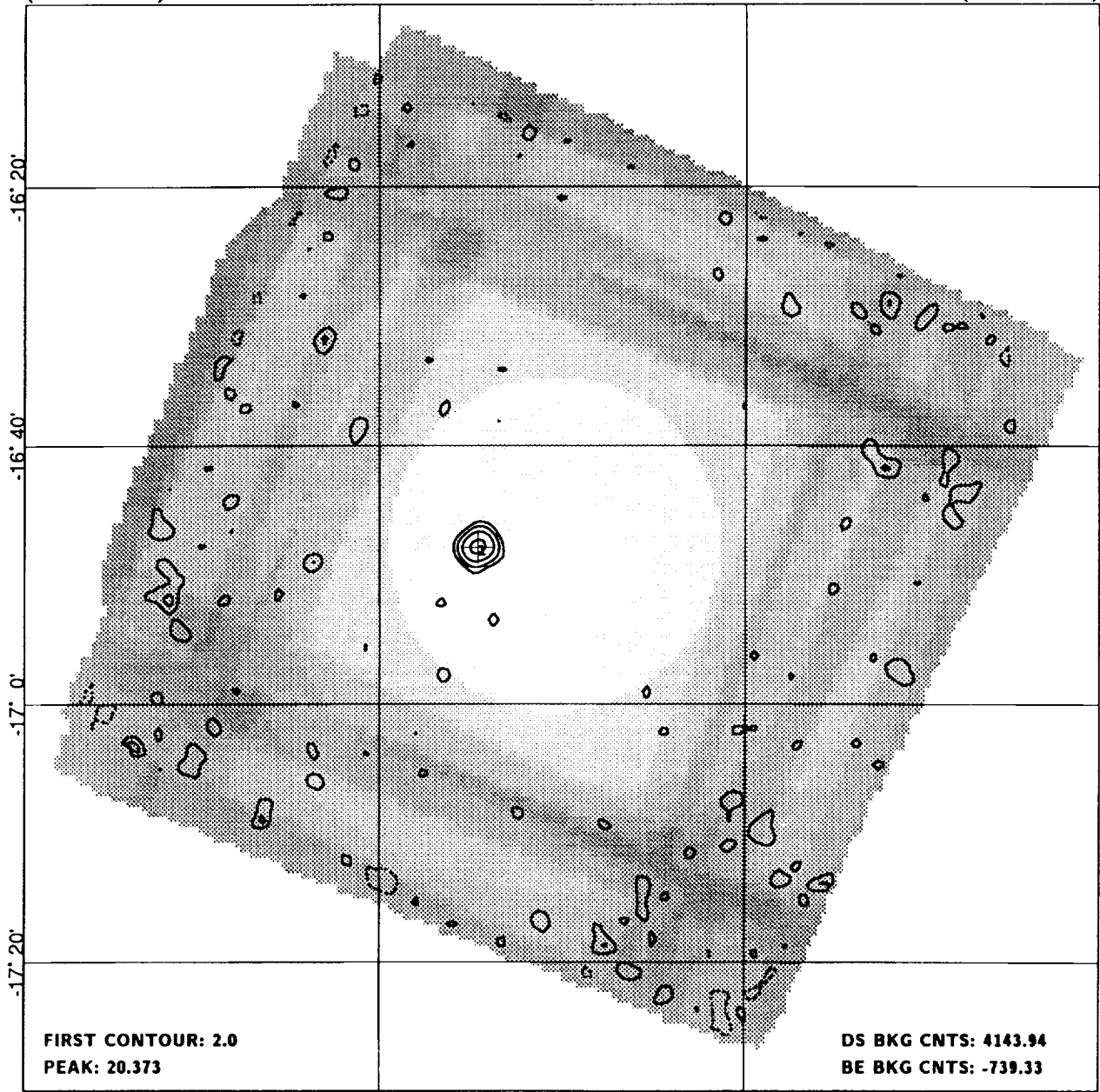
NH: $2.2\text{E}+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
0	1	23 34 59.5	74 59 50	54	*0.0106	0.0027	22.4	10.6	3.9	0.9	401	25.2	
4782	2	23 49 50.9	75 16 17	50	0.079	0.010	65.7	8.3	7.6	1.8	300	37.8	S

(23h 44m)

I 11022

(23h 44m)



23h 46m

23h 44m

MERGED FIELD; component Seq's: I 2076, I 2077.

FIELD CENTER: $23^{\text{h}}44^{\text{m}}59.9^{\text{s}}$ $-16^{\circ}47'59''$ (B1950)
 $23^{\text{h}}47^{\text{m}}34.9^{\text{s}}$ $-16^{\circ}31'19''$ (J2000)
 $l: 65.31$ $b: -71.81$

DATE: 1979/339 - 1980/173
 LIVETIME: 3357.9s

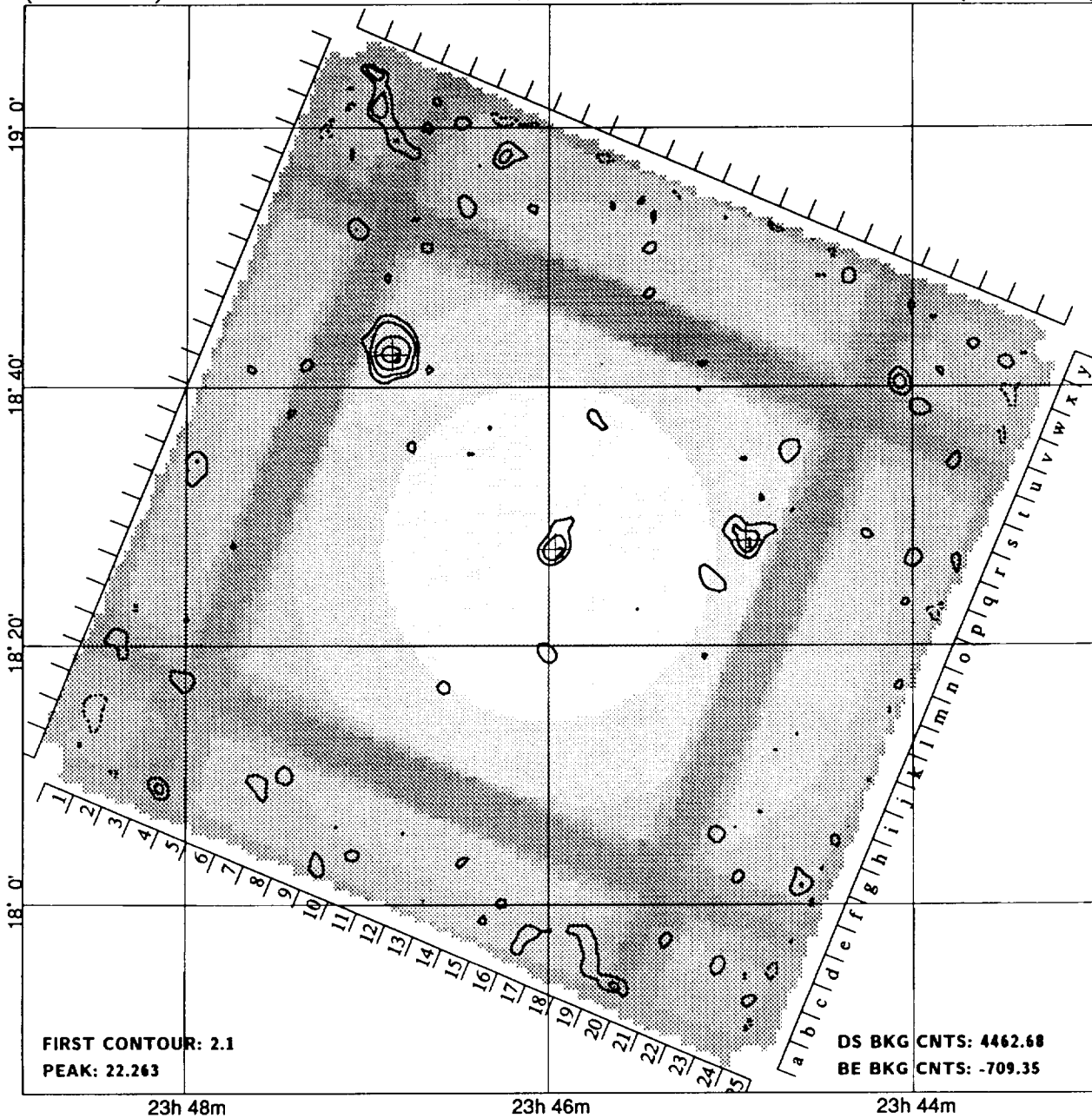
NH: $1.9\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm ''	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
4762	1	23 45 27.8	-16 47 51	38	0.0304	0.0038	72.6	8.4	8.1	1.0	0	6.8	Q

(23h 45m)

I 11127

(23h 45m)



MERGED FIELD; component Seq's: I 1981, I 1982.

FIELD CENTER: $23^{\text{h}}45^{\text{m}}56.9^{\text{s}}$ $18^{\circ}27'29''$ (B1950)
 $23^{\text{h}}48^{\text{m}}29.4^{\text{s}}$ $18^{\circ}44'10''$ (J2000)
 $l: 102.82$ $b: -41.66$

DATE: 1979/179 - 1980/165
 LIVETIME: 3616.2s
 ROLL ANGLE: -67.4°

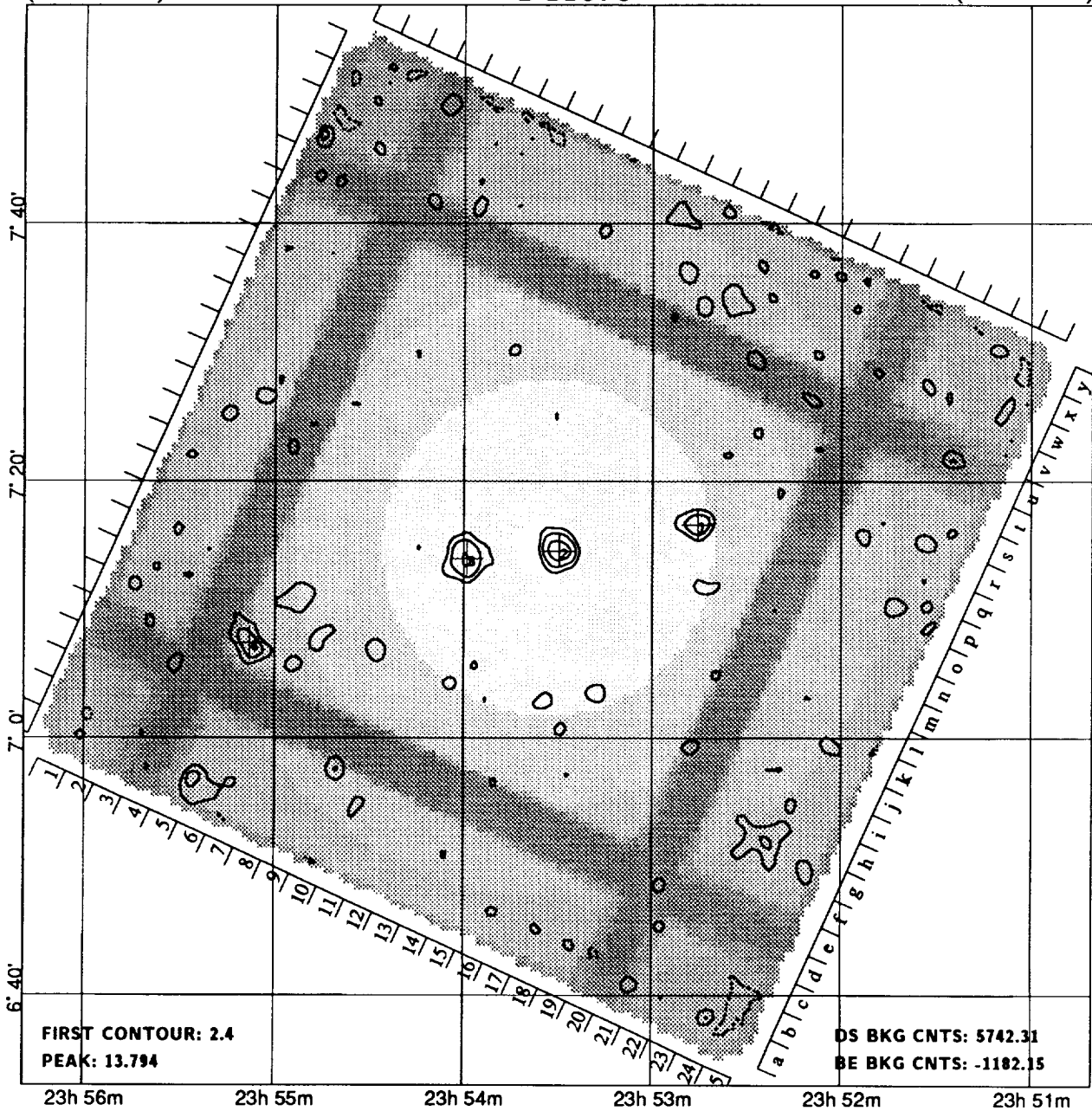
NH: $4.1\text{E}+20$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
0	1	23 44 55.0	18 28 07	43	0.0115	0.0026	24.2	6.8	4.4	1.0	0	14.5		Q
0	2	23 45 57.8	18 27 29	36	0.0110	0.0023	29.6	8.4	4.8	0.9	0	0.4		
4763	3	23 46 52.1	18 42 29	50	0.0328	0.0044	61.3	5.7	7.5	1.2	0	20.0		

(23h 53m)

I 11076

(23h 53m)



MERGED FIELD; component Seq's: I 2651, I 3167.

FIELD CENTER: $23^h 53^m 29.8^s$ $07^{\circ} 14' 59''$ (B1950)
 $23^h 56^m 03.3^s$ $07^{\circ} 31' 41''$ (J2000)
 $l: 99.81$ $b: -52.84$

DATE: 1979/190 - 1980/172
 LIVETIME: 4653.1s
 ROLL ANGLE: -65.6°

NH: $5.2E+20$
 REF/ID: I
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
0	1	23 52 45.5	07 16 38	42	0.0091	0.0020	27.3	8.7	4.5	0.8	0	11.2		Q
4792	2	23 53 29.7	07 14 38	35	0.0159	0.0023	55.2	10.8	6.8	0.9	0	0.4		
4794	3	23 53 59.1	07 14 01	41	0.0146	0.0024	47.8	11.2	6.2	1.0	0	7.4		Q
0	4	23 55 07.9	07 07 29	56	0.0090	0.0025	18.2	6.8	3.6	0.9	600	25.6		

APPENDIX K

Field Centers of Sequence Numbers

To permit access to catalog data solely by sequence number, the following table provides a list of sequence numbers and field center coordinates (epoch 1950) for all IPC observations, including those sequence numbers that have been omitted for various reasons. Such omitted sequence numbers are indicated by an asterisk, and the reasons for their omission (e.g., live time less than 300 s) can be found in Appendix E.

The table contains sequence number, celestial coordinates of field center, live time (in seconds), and observer number (left blank for merged fields; cf. Appendix J). The observer numbers are listed in Appendix L and may be used to determine the identity of the observers who originally requested the observations.

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER	SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER						
	RA	DEC	TIME				RA	DEC	TIME								
I 27	14	10	00	73	00	00	45839.6	0	I 240	15	45	12	21	05	00	4527.7	0
I 29	17	10	00	71	10	00	54082.5	0	I 242	21	53	35	01	09	00	6967.9	0
I 30	21	10	00	-66	00	00	74441.5	0	I 245	02	37	20	-01	48	00	4078.2	0
I 31	01	06	00	-02	00	00	43652.7	0	I 246	08	19	53	54	19	00	3260.7	0
I 129	22	21	17	-01	51	36	2821.8	0	I 247	08	22	21	67	57	00	1602.2	0
I 130	22	02	45	-05	50	24	866.4	0	I 248	08	26	18	56	30	00	829.8	0
I 131	21	59	21	-10	09	00	1025.6	0	I 251	09	53	36	49	44	00	1694.3	0
I 132	21	54	54	-08	01	59	435.7	0	I 252	09	54	48	22	40	00	3344.0	0
I 133	21	40	14	-07	06	00	7306.8	0	I 253	09	59	48	20	44	00	6518.1	0
I 134	15	37	34	21	56	24	1836.3	0	I 255	12	03	50	64	31	00	2072.9	0
I 135	15	31	19	31	19	48	2529.3	0	I 257	12	19	29	00	52	48	1350.7	0
I 136	15	30	34	28	11	24	1478.7	0	I 264	22	24	48	-24	06	00	4137.1	0
I 137	15	16	17	06	24	00	1853.5	0	I 265	22	44	38	-02	21	00	4708.0	0
I 138	15	08	29	05	57	00	473.6	0	I 270	01	16	30	08	14	00	16207.6	0
I 140	14	24	29	16	54	00	1469.4	0	I 271	14	09	30	52	26	00	2706.1	0
I 141	13	59	02	-10	59	48	2349.2	0	I 272	16	09	11	66	03	00	5947.7	0
I 142	13	50	46	05	24	36	2275.2	0	I 273	16	37	55	62	41	00	3153.8	0
I 144	13	28	17	-01	35	24	1281.3	0	I 274	00	13	35	79	00	00	6391.7	0
I 145	12	39	10	18	52	48	1555.1	0	I 277	12	28	18	12	40	00	12663.4	0
I 147	11	30	22	-03	42	36	1741.4	0	I 278	12	24	00	13	00	00	34963.8	0
I 148	11	15	14	-04	12	00	1611.1	0	I 279	12	30	00	11	37	30	20344.0	0
I 151	09	15	29	-08	06	36	4802.7	3	I 280	12	25	00	09	30	00	46778.1	0
I 153	01	21	05	01	24	00	1049.9	0	I 281	12	28	00	14	00	00	14695.0	0
I 154	01	10	14	15	15	36	2610.4	0	I 283	03	16	30	41	20	00	14231.2	0
I 155	23	35	00	15	33	00	1761.2	0	I 289	06	27	30	-54	04	00	7170.1	0
I 156	23	33	48	20	15	00	2655.5	0	I 290	23	42	18	08	53	00	10498.9	0
I 159	18	15	12	69	38	24	613.4	0	I 292	00	39	06	-09	38	00	14274.2	0
I 160	17	12	12	64	08	59	15287.4	0	I 293	13	46	42	26	50	00	6498.2	0
I 161	16	01	12	25	36	00	3047.5	0	I 294	23	48	24	26	53	00	11516.6	0
I 162	15	20	36	08	48	58	3780.8	0	I 295	01	49	54	35	55	00	3838.3	0
I 164	14	50	24	16	57	00	1485.2	0	I 296	11	41	54	20	07	00	23776.7	0
I 165	14	15	06	08	24	58	3084.7	0	I 297	16	00	00	16	03	00	10075.6	0
I 171	11	25	24	27	09	00	1839.8	0	I 298	12	47	00	-41	02	00	7842.7	0
I 172	11	23	54	71	21	58	2833.6	0	I 300	17	06	30	78	46	59	13702.3	0
I 173	10	58	18	10	49	59	1697.7	0	*I 302	02	22	42	41	39	00	0.0	0
I 177	10	20	42	13	06	58	987.0	322	I 303	04	10	36	10	22	00	3508.8	0
*I 181	08	02	04	10	23	55	0.0	0	I 304	08	18	00	21	06	00	8858.5	0
I 182	08	25	24	30	36	00	2081.6	0	I 305	08	26	18	66	04	00	6430.8	0
I 183	07	39	54	09	30	00	5128.7	0	I 306	08	55	18	03	23	00	1056.4	0
I 185	02	55	12	12	48	48	6941.8	0	I 308	11	52	48	23	39	00	1738.0	0
I 187	02	27	48	-13	24	58	1153.5	0	I 310	05	30	00	-11	34	00	4139.1	0
I 189	01	39	18	07	22	59	2027.5	0	I 313	16	35	42	66	20	00	3398.6	0
I 190	01	24	12	18	55	59	1559.8	0	I 314	23	51	36	-10	41	00	2557.9	0
I 191	01	19	06	19	13	59	2699.3	0	I 315	15	45	06	21	04	00	1524.8	0
I 194	01	06	24	15	04	49	1567.7	0	I 317	08	10	18	66	36	00	7721.1	0
I 196	00	46	06	01	06	00	5067.9	0	I 320	13	39	36	26	37	00	3506.5	0
I 199	23	35	48	26	45	00	10055.7	0	I 322	16	15	48	35	05	00	9432.0	0
I 201	23	34	00	20	49	59	2050.4	0	I 323	07	59	30	09	32	00	1232.8	0
I 203	01	12	36	-00	19	59	2461.8	0	I 325	15	20	42	08	45	00	2905.5	0
I 205	00	24	30	22	22	00	3471.6	0	I 328	04	43	00	-08	00	00	8859.8	0
I 206	00	25	48	06	17	00	1881.8	0	I 329	01	34	34	-11	32	24	1291.6	0
I 207	00	27	51	-13	12	00	1545.0	0	I 330	17	01	00	33	51	00	6904.1	0
I 208	00	43	51	20	12	00	4308.3	0	I 331	11	26	24	24	07	00	3492.1	0
I 209	00	53	16	26	04	00	2563.7	0	I 334	23	40	00	-10	30	00	4868.7	0
I 211	07	29	09	31	44	00	2079.6	0	I 336	23	09	34	-21	54	00	8014.8	0
I 212	09	21	21	14	23	00	1554.9	0	I 337	23	05	00	-22	48	00	5898.3	0
I 213	09	25	12	20	48	00	1439.7	0	I 350	04	30	30	05	15	00	14178.1	0
I 215	09	48	37	71	31	59	1775.9	0	I 351	04	30	30	05	15	00	30293.9	0
I 217	10	58	47	-22	28	00	948.9	0	I 352	12	08	00	39	40	00	6901.0	0
I 220	13	01	42	67	45	59	669.4	0	I 353	12	08	00	39	40	00	19928.5	0
I 223	16	53	38	66	50	00	1870.9	0	I 354	19	39	54	-10	27	00	26650.1	0
*I 224	17	26	27	31	48	00	149.0	0	I 356	14	15	42	25	22	00	22397.2	0
I 225	00	26	19	07	33	00	988.2	0	I 363	18	53	34	01	14	00	454.6	0
I 227	01	35	06	-13	15	00	565.9	0	I 369	14	35	24	03	48	12	2051.5	0
I 228	01	37	24	01	16	00	1537.5	0	I 371	15	50	14	20	16	18	5284.9	0
I 229	02	21	32	-08	49	00	1719.9	0	I 375	21	05	12	76	36	00	714.1	0
I 233	11	21	21	21	45	00	1794.8	0	I 411	16	03	01	20	40	30	827.6	0
I 235	13	28	06	31	57	00	1975.7	0	I 412	12	40	18	02	58	00	1383.9	0
I 237	14	38	54	28	50	00	2038.1	0	I 414	04	26	00	64	43	55	2847.2	0
I 239	15	37	43	34	35	00	2191.2	0	I 415	08	51	40	58	55	30	2016.6	0

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 416	10 51 40	54 34 30	1787.9	0	
I 420	17 20 28	24 49 33	633.0	0	
I 421	17 44 00	55 43 00	990.6	0	
I 422	20 33 48	59 59 00	4879.5	0	
I 423	09 58 35	55 55 24	845.7	0	
I 424	01 28 05	22 55 30	2651.9	0	
I 425	16 15 47	38 28 00	2979.7	0	
I 426	18 32 28	47 24 00	4130.5	0	
I 427	04 44 55	59 20 12	5800.7	0	
I 429	10 32 00	28 18 00	2415.1	0	
I 430	10 04 30	29 41 30	1779.6	0	
I 433	14 00 00	29 54 00	1517.9	0	
I 435	23 06 59	43 42 00	2390.2	0	
I 439	01 20 00	35 19 58	1008.0	0	
I 443	11 55 00	32 35 00	1528.9	0	
I 444	12 52 00	12 18 00	1422.2	0	
I 445	12 56 40	35 07 54	2604.7	0	
I 452	03 35 00	09 36 00	2618.7	0	
I 453	00 54 00	01 27 00	1017.6	0	
I 454	01 26 00	07 25 00	1496.7	0	
I 456	04 58 36	65 44 00	2008.9	0	
I 457	09 08 00	07 15 00	3414.0	0	
I 460	14 48 00	68 13 00	2755.4	0	
I 461	15 19 00	07 53 00	2884.8	0	
I 462	15 57 00	20 49 00	1163.1	0	
I 463	00 55 06	30 05 00	2023.0	0	
I 464	01 56 35	18 46 00	858.6	0	
I 466	09 51 40	69 54 53	4449.8	0	
I 467	10 35 39	53 45 54	1389.2	0	
I 469	11 59 18	18 35 00	1740.0	0	
I 470	12 26 29	47 34 59	2493.2	0	
I 471	12 39 41	32 48 48	3047.6	0	
I 476	13 30 00	46 30 00	11505.6	0	
I 477	13 22 30	42 45 57	12473.0	0	
I 478	11 00 27	77 15 09	3638.4	0	
I 479	12 50 15	56 50 37	5329.5	0	
I 480	01 34 50	32 54 20	7035.8	0	
I 481	09 03 44	16 58 16	13459.1	0	
I 482	01 33 40	20 42 16	1754.1	0	
I 483	05 38 43	49 49 43	12140.9	0	
I 484	16 18 07	17 43 30	1755.4	0	
*I 485	11 37 09	66 04 27	295.7	0	
I 486	08 38 02	13 23 05	13646.7	0	
I 487	18 28 13	48 42 39	1737.9	0	
I 488	11 11 53	40 53 42	4748.5	0	
I 489	05 18 16	16 35 26	2522.4	0	
I 490	07 10 15	11 51 24	1744.0	0	
I 491	13 28 51	30 45 59	7863.3	0	
I 492	22 51 30	15 52 55	1968.2	0	
I 493	08 09 59	48 22 08	8110.6	0	
I 494	14 58 58	71 52 12	4518.4	0	
I 495	16 22 32	23 52 01	3067.5	0	
I 496	13 40 30	60 36 48	3931.0	0	
I 497	10 40 06	12 19 15	4310.3	0	
I 498	13 28 16	25 24 37	6179.5	0	
I 499	07 40 57	38 00 31	13677.8	0	
I 500	08 50 23	14 03 58	1602.9	0	
I 501	08 33 18	65 24 04	1771.3	0	
I 502	14 16 39	06 42 21	2081.6	0	
I 503	08 35 05	58 04 52	16602.5	0	
I 504	21 20 25	16 51 58	6303.6	0	
I 505	00 17 50	15 24 16	8669.4	0	
I 510	17 04 04	60 48 29	1791.3	0	
I 513	01 34 48	03 21 00	8868.5	0	
I 518	00 25 38	12 59 29	2747.8	0	
I 519	22 23 12	05 12 00	1200.0	0	
I 520	13 51 46	64 00 28	1319.3	0	
I 521	04 14 49	06 01 04	4083.8	0	
I 523	01 21 54	59 04 00	2566.4	2	
I 524	15 48 21	11 29 48	3185.6	0	

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 525	13 18 48	29 07 00	3038.2	0	
I 528	21 26 00	13 00 00	12048.9	0	
I 529	12 45 00	34 40 00	6794.7	0	
I 530	09 38 32	11 59 13	14115.3	0	
I 531	21 35 01	14 46 27	1534.2	0	
I 532	12 17 38	02 20 21	2135.7	0	
I 538	23 44 03	09 14 05	1097.9	0	
I 540	01 33 40	20 42 16	2427.8	0	
I 541	00 52 06	14 30 00	6267.4	0	
I 542	12 25 56	31 45 48	5028.5	0	
I 543	21 34 04	00 18 12	8528.8	0	
I 544	12 53 36	05 31 08	3046.0	0	
I 547	05 37 09	44 06 40	359.8	0	
I 548	05 21 14	36 30 00	1556.8	0	
I 549	13 08 00	32 26 00	4081.4	0	
I 550	07 54 28	10 04 33	1613.7	0	
I 551	08 18 36	12 49 49	1183.2	0	
I 552	21 17 57	02 28 00	790.0	0	
I 553	22 01 44	04 25 52	1226.2	0	
I 554	09 23 55	39 15 23	9773.5	0	
I 562	02 10 49	86 05 09	1797.3	0	
I 563	10 04 45	13 03 38	7094.3	0	
I 565	12 23 09	25 15 12	3008.6	0	
I 567	16 35 26	11 55 41	3708.3	0	
I 573	00 38 00	40 24 57	20434.6	0	
I 574	00 40 00	40 58 59	35383.3	0	
I 575	00 42 36	41 37 58	31668.2	0	
I 588	13 34 10	29 36 46	5708.1	0	
I 589	07 32 03	65 42 42	5988.3	0	
*I 590	00 48 00	69 45 03	236.3	0	
I 591	00 48 00	70 50 02	1741.2	0	
I 592	00 48 00	71 55 01	3070.2	0	
I 593	00 48 00	71 00 00	1624.8	0	
I 594	00 48 00	74 04 58	1940.8	0	
I 595	00 48 00	75 09 56	350.7	0	
*I 596	00 48 00	76 14 56	0.0	0	
I 597	00 36 54	70 16 13	1379.7	0	
I 598	00 25 14	70 44 40	1516.7	0	
*I 599	00 13 02	71 10 08	96.4	0	
*I 600	00 59 06	70 16 14	0.0	0	
*I 601	00 36 16	71 21 09	0.0	0	
I 602	00 23 55	71 49 20	1958.4	0	
I 603	00 10 58	72 14 23	970.4	0	
I 604	01 10 47	70 44 41	1584.7	0	
*I 605	00 59 44	71 21 09	0.0	0	
I 606	00 35 34	72 26 01	1601.9	0	
I 607	00 22 26	72 53 58	631.1	0	
I 608	00 08 38	73 18 32	1523.3	0	
I 609	01 22 59	71 10 12	2134.8	0	
*I 610	01 12 05	71 49 21	0.0	0	
*I 611	01 00 26	72 26 02	0.0	0	
I 612	00 34 46	73 30 55	1503.0	0	
I 613	00 20 46	73 58 34	592.2	0	
I 614	00 06 00	74 22 35	1319.8	0	
I 615	01 35 42	71 32 37	810.5	0	
I 616	01 25 03	72 14 27	704.8	0	
*I 617	01 13 34	72 54 00	158.3	0	
I 618	01 01 14	73 30 55	3196.8	0	
I 619	00 33 52	74 35 48	1026.8	0	
I 620	00 18 51	75 03 05	1888.8	0	
I 621	01 38 33	72 36 16	868.6	0	
I 622	01 27 21	73 18 37	1854.6	0	
I 623	01 15 14	73 58 34	440.9	0	
I 624	01 02 07	74 35 48	2229.2	0	
*I 625	00 32 50	75 40 40	0.0	0	
I 626	01 41 46	73 39 43	466.9	0	
I 627	01 29 58	74 22 41	897.6	0	
I 628	01 17 08	75 03 07	1495.5	0	
I 629	01 03 09	75 40 39	1735.1	0	
I 663	06 47 12	35 57 00	1288.2	0	

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER	SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC					RA	DEC			
I 698	21 37 30	- 23 25 00	2017.5	0	I 810	15 32 50	11 22 00	961.3	0		
I 703	17 35 00	- 03 15 00	4357.6	0	I 811	15 32 50	12 27 00	2001.0	0		
I 712	23 21 11	58 32 48	1914.8	0	I 812	15 32 50	13 32 00	1593.2	0		
I 716	14 59 40	- 41 45 00	5505.9	0	I 813	15 32 50	14 37 00	1873.1	0		
I 720	08 36 41	- 41 03 00	1875.0	0	I 814	15 32 50	15 42 00	1892.5	0		
I 721	08 40 18	- 41 56 00	2159.7	0	I 816	16 56 02	35 25 03	2002.4	0		
I 722	08 44 01	- 42 47 00	1790.2	0	I 817	11 19 03	- 60 20 53	3873.8	0		
I 723	08 47 50	- 43 38 00	2935.9	0	I 827	20 10 13	38 11 56	10756.8	0		
I 724	08 51 45	- 44 29 00	1368.8	0	I 829	03 04 54	40 45 52	2837.9	0		
I 725	08 55 47	- 45 19 00	2493.4	0	I 830	06 01 48	- 06 42 19	1550.1	0		
I 726	08 34 27	- 42 04 00	1324.1	0	I 831	16 32 46	- 28 06 51	6568.7	0		
I 727	08 38 05	- 42 56 00	1829.3	0	I 833	17 57 47	04 22 11	1901.5	0		
I 728	08 41 49	- 43 48 00	1160.1	0	I 835	03 09 15	27 04 12	1495.4	0		
I 729	08 45 41	- 44 40 00	1645.9	0	I 836	04 03 32	27 28 00	1671.6	0		
I 730	08 49 38	- 45 31 00	2050.4	0	I 837	06 42 57	- 16 38 46	1918.6	0		
I 731	08 53 43	- 46 21 00	2498.3	0	I 838	07 31 25	31 59 58	2316.2	0		
I 732	08 28 34	- 42 12 00	2524.5	0	I 839	12 53 41	38 35 17	1854.9	0		
I 733	08 32 08	- 43 05 00	1750.4	0	I 840	13 31 36	03 54 54	1226.9	0		
I 734	08 35 47	- 43 57 00	3792.2	0	I 841	15 14 13	- 68 29 48	5582.1	0		
I 735	08 39 34	- 44 50 00	1587.4	0	I 842	17 32 36	12 35 42	1110.5	0		
I 736	08 43 27	- 45 41 00	1895.1	0	I 843	18 34 54	45 31 00	5968.1	0		
I 737	08 47 27	- 46 32 00	1267.4	0	I 844	19 48 20	08 44 05	10415.4	0		
I 738	08 26 09	- 43 12 00	1840.6	0	I 845	01 50 13	29 20 10	1960.2	0		
I 739	08 29 44	- 44 05 00	3641.4	0	I 846	01 57 12	- 61 48 44	2722.9	0		
I 740	08 33 25	- 44 58 00	4215.0	0	I 847	06 22 50	- 52 40 04	1657.7	0		
I 741	08 37 13	- 45 51 00	1105.7	0	I 848	07 36 41	05 21 16	4855.9	0		
I 742	08 41 08	- 46 42 00	1946.8	0	I 849	05 12 59	45 56 58	1288.2	0		
I 743	08 23 39	- 44 12 00	4320.0	0	I 850	11 00 39	62 01 17	1779.1	0		
I 744	08 27 15	- 45 06 00	1962.0	0	I 851	13 52 18	18 38 51	1323.9	0		
I 745	08 30 57	- 45 59 00	1524.5	0	I 852	02 04 21	23 13 37	7032.7	0		
I 746	08 34 47	- 46 51 00	1387.3	0	I 853	09 25 08	- 08 26 27	1553.2	0		
I 749	15 10 00	- 37 30 00	1141.9	0	I 854	16 46 55	- 34 12 16	1572.9	0		
I 751	14 56 10	- 38 26 00	784.8	0	I 856	05 52 28	07 23 58	3987.5	0		
I 767	18 53 42	01 18 00	2829.4	0	I 857	16 26 20	- 26 19 22	4792.5	0		
I 768	13 43 00	- 60 12 00	1021.5	0	I 858	23 01 21	27 48 40	1541.9	0		
*I 769	15 23 00	- 57 53 59	117.9	0	I 859	00 41 15	- 10 16 48	687.4	0		
I 771	18 58 00	04 00 00	1432.8	0	I 861	00 46 30	05 10 00	1921.7	0		
I 772	19 09 18	04 54 00	2012.3	0	I 863	01 35 27	- 05 14 48	1673.7	0		
I 773	18 22 00	- 12 24 00	1381.6	0	I 865	04 13 00	- 07 44 00	3699.6	0		
I 774	19 08 00	09 00 00	1409.1	0	I 867	04 29 24	17 38 00	2054.4	0		
I 775	15 11 20	- 59 07 00	2227.1	0	I 871	05 48 46	- 00 11 12	1837.7	0		
I 776	10 43 00	- 59 24 00	11272.1	0	I 873	05 53 47	05 22 00	1484.2	0		
I 777	18 30 16	- 10 13 00	445.8	0	I 875	06 12 24	17 45 00	1558.9	0		
I 778	18 32 38	- 07 00 00	1964.7	0	I 877	07 38 00	- 17 17 00	4915.0	0		
I 779	20 20 44	40 02 18	2307.8	0	I 883	13 14 00	29 22 01	5097.6	0		
I 780	18 46 47	- 00 58 42	1073.3	0	I 885	13 27 40	- 08 18 48	1312.7	0		
I 781	19 51 00	32 45 00	1545.1	0	I 886	13 27 40	- 08 18 48	872.7	0		
I 784	07 41 48	- 28 18 00	1548.7	0	I 887	13 34 10	03 56 42	1011.7	0		
I 785	04 50 00	- 18 06 00	2111.7	0	I 889	17 48 53	70 52 42	1596.7	0		
I 786	08 24 00	26 48 00	2242.1	0	I 891	18 55 40	33 53 06	2148.0	0		
I 787	16 05 00	- 00 24 00	2001.4	0	I 892	18 55 40	33 53 06	1261.3	0		
I 788	14 49 00	- 63 59 59	1567.2	0	I 893	19 00 40	70 35 12	1243.2	0		
I 790	19 20 00	21 48 00	1420.2	0	I 895	19 17 54	- 07 45 00	2001.7	0		
I 791	15 25 10	09 12 00	2795.5	0	I 901	21 26 43	73 25 48	1999.8	0		
I 792	15 25 10	10 17 00	2765.7	0	I 905	01 36 25	- 18 12 42	5125.6	0		
I 793	15 25 10	11 22 00	2448.1	0	I 906	01 36 25	- 18 12 42	1723.9	0		
I 794	15 25 10	12 27 00	1938.2	0	I 907	07 42 06	03 40 59	3607.0	0		
I 796	15 25 10	14 37 00	2030.6	0	I 908	07 42 00	03 41 00	3863.5	0		
I 797	15 25 10	15 42 00	1100.2	0	I 909	08 12 52	- 18 53 59	5861.2	0		
I 799	15 29 00	08 40 00	1367.1	0	I 910	08 12 52	- 18 53 59	4096.2	0		
I 800	15 29 00	09 45 00	635.8	0	I 913	10 16 55	20 07 18	17731.1	0		
I 801	15 29 00	10 50 00	2148.4	0	I 915	10 54 00	07 19 00	1321.3	0		
I 802	15 29 00	11 55 00	868.0	0	I 916	10 54 00	07 19 00	1656.1	0		
I 803	15 29 00	13 00 00	2236.7	0	I 917	13 32 06	- 08 05 07	6240.3	0		
I 804	15 29 00	14 05 00	2252.6	0	I 919	16 51 28	- 30 18 44	1726.1	0		
I 805	15 29 00	15 10 00	2533.3	0	I 921	16 55 46	- 66 35 48	4728.8	0		
I 806	15 29 00	16 15 00	2354.4	0	I 925	17 55 54	15 08 30	912.0	0		
I 807	15 29 00	17 20 00	1978.0	0	I 927	18 32 45	51 41 02	7210.5	0		
I 808	15 32 50	09 12 00	1539.4	0	I 929	20 18 02	20 56 42	3819.0	0		
I 809	15 32 50	10 17 00	1255.6	0	I 933	23 29 15	19 39 33	3816.8	0		

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 947	21 40 44	43 21 18	2521.0	0	
I 948	07 52 08	22 08 18	1656.4	0	
I 949	17 42 29	- 28 59 20	5352.4	0	
I 950	17 42 29	- 28 58 48	9049.8	0	
I 951	17 44 11	- 28 22 30	6575.5	0	
I 997	18 50 21	- 08 46 01	819.7	0	
I 1000	19 18 48	15 00 00	4084.8	0	
I 1005	17 22 50	- 30 31 30	2665.4	0	
I 1012	21 35 42	57 09 00	730.2	0	
I 1042	16 59 02	- 48 43 06	550.6	0	
I 1091	02 48 24	- 85 20 59	1378.7	0	
I 1092	02 52 17	06 05 24	1318.5	0	
I 1099	03 57 36	- 74 19 29	1136.6	0	
I 1121	10 58 38	- 22 40 12	1612.0	0	
I 1122	11 19 36	- 77 47 59	1047.8	0	
I 1131	13 06 07	- 01 16 48	1574.2	0	
I 1138	16 13 36	- 75 17 59	1491.2	0	
I 1142	16 59 17	33 43 48	1886.4	0	
I 1143	17 04 05	24 09 00	1907.2	0	
I 1167	10 45 23	- 58 51 47	1417.9	0	
I 1168	10 48 00	- 56 00 00	2332.4	0	
I 1170	10 53 41	- 56 37 16	1895.9	0	
*I 1171	10 35 58	- 61 04 05	0.0	0	
I 1182	06 36 22	05 35 27	3139.5	0	
I 1183	06 41 49	06 10 04	2444.6	0	
I 1184	06 32 55	05 00 43	2841.2	0	
I 1186	06 29 42	04 54 00	4675.9	0	
I 1197	19 20 50	14 57 24	6952.8	0	
I 1198	19 16 16	15 32 57	3556.4	0	
I 1199	19 25 22	14 21 31	6709.4	0	
I 1200	19 13 12	16 00 00	4735.6	0	
I 1227	02 24 24	60 27 28	1065.9	0	
I 1228	02 28 10	61 37 16	1121.4	0	
I 1229	02 20 53	59 17 17	435.5	0	
I 1230	02 32 15	62 46 40	1657.0	0	
*I 1231	02 17 36	58 06 46	39.5	0	
I 1233	02 14 32	56 55 58	702.2	0	
I 1235	02 11 39	55 44 54	756.6	0	
I 1236	02 46 37	66 11 41	1165.6	0	
I 1237	02 08 56	54 33 35	1069.4	0	
I 1238	02 52 18	67 18 41	1848.3	0	
I 1239	02 06 23	53 22 04	1105.7	0	
I 1241	02 03 58	52 10 21	2038.1	0	
I 1257	18 52 41	01 46 32	2491.3	0	
I 1258	18 48 14	02 21 02	2457.6	0	
I 1259	18 57 07	01 11 59	1633.8	0	
I 1272	19 11 21	10 38 13	5923.9	0	
I 1273	19 06 50	11 13 13	3375.0	0	
I 1274	19 15 50	10 02 59	6031.0	0	
I 1318	22 23 11	58 40 17	1415.3	0	
I 1319	22 32 45	56 31 28	1852.1	0	
I 1347	07 11 21	- 10 38 13	1660.3	0	
I 1348	07 15 50	- 10 02 59	1527.7	0	
I 1657	18 30 48	- 10 36 30	4924.7	3	
I 1658	02 01 40	64 35 00	6381.2	3	
I 1749	18 46 54	00 30 58	1742.3	3	
I 1750	06 45 00	- 62 35 59	551.6	3	
I 1751	19 45 30	27 10 59	2485.8	3	
I 1752	08 09 54	- 35 12 00	2572.0	3	
I 1753	18 59 00	- 13 14 00	1728.8	3	
I 1754	23 33 00	55 22 00	2057.6	3	
I 1755	16 56 42	- 12 48 57	1857.3	3	
I 1756	05 28 48	30 24 00	1041.0	3	
I 1757	03 27 48	43 43 58	1427.0	3	
I 1759	01 02 24	32 30 00	11699.5	3	
I 1764	20 13 36	30 57 00	6502.3	3	
I 1765	19 41 47	23 46 12	5714.3	3	
I 1767	00 07 18	- 30 43 00	1529.8	1	
I 1768	00 02 24	- 30 51 00	1584.2	1	
I 1770	00 53 48	- 01 31 00	3574.7	1	

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 1771	00 53 48	- 01 31 00	6558.7	1	
I 1773	02 42 36	36 40 00	1565.2	1	
I 1776	02 56 12	13 23 00	8620.9	1	
I 1784	09 06 24	- 09 26 00	3114.3	1	
I 1787	09 59 12	67 25 00	521.7	1	
I 1788	09 59 12	67 25 01	4443.1	1	
I 1790	12 57 21	27 52 30	6381.4	1	
I 1792	12 57 21	28 37 30	6368.6	1	
I 1793	12 57 21	28 12 00	8292.3	1	
I 1795	15 20 36	27 54 00	2445.2	1	
I 1796	15 20 36	27 54 00	7048.2	1	
I 1798	15 56 12	27 22 00	2951.3	1	
I 1799	15 56 12	27 22 00	4118.7	1	
I 1801	16 03 00	17 53 00	5763.1	1	
I 1804	19 55 30	- 69 16 00	8298.2	1	
I 1807	19 57 06	40 36 00	4283.2	1	
I 1810	00 24 00	16 53 00	7539.6	1	
I 1811	00 24 00	16 53 00	5267.9	1	
I 1812	02 21 30	- 08 49 00	1149.7	1	
I 1813	09 39 18	09 12 00	1271.0	1	
I 1817	00 37 12	06 30 00	1510.8	1	
I 1818	01 01 24	24 49 00	1974.8	1	
I 1819	01 08 18	17 25 00	1364.0	1	
I 1820	01 12 36	- 00 01 00	941.8	1	
I 1821	01 23 00	- 01 46 00	553.5	1	
I 1822	01 45 18	- 32 16 00	743.9	1	
I 1823	02 39 06	- 28 52 00	533.9	1	
I 1824	02 55 00	05 50 00	2112.3	1	
I 1825	02 58 36	35 39 00	2039.9	1	
I 1827	03 25 18	- 53 54 00	2445.4	1	
*I 1828	03 29 00	- 52 42 00	0.0	0	
I 1829	03 40 00	- 53 50 00	4359.6	1	
I 1831	04 30 30	- 61 32 59	8243.5	1	
I 1832	04 46 06	44 58 01	6846.8	1	
I 1834	05 45 00	- 25 38 00	910.0	1	
I 1835	07 04 18	35 08 00	414.4	1	
I 1836	07 05 24	48 43 00	735.0	1	
I 1837	07 17 24	55 51 00	488.3	1	
I 1838	07 57 48	63 55 00	1814.3	1	
I 1839	08 18 36	47 17 00	1425.0	1	
I 1840	08 45 48	37 44 00	2018.3	1	
I 1841	09 16 48	34 00 00	1550.6	1	
I 1842	09 48 42	08 30 00	2054.6	1	
I 1844	11 13 48	29 33 00	1533.2	1	
I 1847	11 55 36	26 40 00	2079.9	1	
I 1849	12 33 48	16 53 00	2928.8	1	
I 1851	14 20 18	48 48 00	1938.8	1	
I 1852	14 35 00	25 03 00	1672.6	1	
I 1853	15 14 18	07 12 00	1425.2	1	
I 1854	15 26 00	29 03 00	2535.5	1	
I 1855	16 03 18	16 34 01	3304.0	1	
I 1856	16 10 30	29 40 00	1457.1	1	
I 1857	16 26 36	41 01 01	5503.2	1	
I 1858	20 13 06	- 71 01 00	6609.4	1	
I 1859	20 40 36	- 67 44 59	1804.2	1	
I 1866	22 14 36	- 34 57 00	1608.6	1	
I 1871	22 29 06	- 08 42 00	512.2	1	
I 1872	22 31 30	- 36 00 00	1122.1	1	
I 1873	22 59 36	- 22 16 00	992.6	1	
I 1874	23 11 00	- 42 55 00	1899.3	1	
I 1875	23 18 06	- 23 15 00	1770.8	1	
I 1880	02 38 36	- 08 29 00	10928.3	1	
I 1883	03 20 42	- 37 25 00	3311.1	1	
I 1884	03 20 42	- 37 25 00	4840.9	1	
I 1887	03 36 48	- 35 33 00	3657.9	1	
I 1888	03 49 40	- 27 55 30	395.1	1	
I 1890	04 45 18	- 20 38 00	13348.8	1	
I 1894	09 15 36	- 11 53 00	10845.3	1	
I 1896	10 26 38	- 35 21 11	2366.2	1	
I 1900	12 50 16	- 15 04 18	5511.3	1	

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 1902	13 32 48	- 33 38 00	10592.7	1	
I 1905	14 14 00	11 02 00	3229.4	1	
I 1907	15 03 00	26 13 00	9623.7	1	
I 1909	15 12 00	26 18 00	12348.4	1	
I 1910	16 38 00	82 39 00	18571.8	1	
I 1915	23 37 54	- 11 59 00	3700.8	1	
I 1927	02 40 06	- 00 14 00	1456.4	1	
I 1928	02 40 06	- 00 14 00	2488.9	1	
I 1929	03 07 06	16 55 00	1851.9	1	
*I 1930	03 07 06	16 55 00	292.0	1	
I 1931	03 53 00	02 42 00	1496.4	1	
I 1932	03 53 00	02 42 00	4217.9	1	
I 1933	03 58 30	00 17 00	1353.3	1	
I 1934	03 58 30	00 17 00	1823.6	1	
I 1935	04 10 48	11 05 00	1107.7	1	
I 1936	04 10 48	11 05 00	1104.8	1	
I 1937	04 18 48	- 55 04 00	2603.1	1	
I 1938	04 18 48	- 55 04 00	2529.0	1	
I 1939	04 30 30	05 15 00	831.1	1	
I 1941	09 10 54	40 19 00	1850.4	1	
I 1943	09 45 06	07 39 17	2339.8	1	
I 1945	10 20 48	20 07 00	2165.9	1	
I 1946	10 20 48	20 07 00	2310.0	1	
I 1947	11 03 24	72 50 00	3948.3	1	
I 1948	11 03 24	72 50 00	3105.4	1	
I 1955	13 30 18	02 19 00	958.4	1	
I 1956	13 30 18	02 19 00	1606.6	1	
I 1957	13 40 06	05 20 00	1961.2	1	
I 1958	13 40 06	05 20 00	970.2	1	
I 1959	14 17 00	- 19 15 00	1530.1	1	
I 1960	14 17 00	- 19 15 00	1466.2	1	
I 1961	15 20 12	- 06 10 00	1778.8	1	
I 1966	16 57 43	00 29 17	988.5	1	
I 1967	18 07 06	69 55 00	1029.7	1	
I 1969	20 37 36	88 02 00	1800.9	1	
I 1970	20 37 36	88 02 00	958.7	1	
I 1971	21 30 00	09 56 00	1429.0	1	
I 1972	21 30 00	09 56 00	4986.9	1	
I 1973	22 21 18	- 02 22 00	535.5	1	
I 1975	23 00 18	- 18 58 00	1908.0	1	
I 1977	23 00 44	08 36 31	1938.6	1	
I 1978	23 00 44	08 36 31	1991.0	1	
I 1979	23 14 00	03 49 00	4185.6	1	
I 1981	23 45 57	18 27 30	1530.2	1	
I 1982	23 45 57	18 27 30	2086.1	1	
I 1983	00 48 06	- 09 45 00	1753.2	1	
I 1984	00 48 06	- 09 45 00	379.7	1	
I 1985	01 09 00	22 29 00	2357.1	1	
I 1986	01 09 23	22 29 17	411.7	1	
I 1987	02 35 00	16 24 00	2238.8	1	
I 1989	04 22 00	00 29 00	1384.8	1	
I 1990	04 22 00	00 29 00	1141.3	1	
I 1991	07 35 06	17 49 00	2112.2	1	
I 1992	07 35 06	17 49 00	1582.8	1	
*I 1993	08 51 48	20 14 00	230.6	1	
I 1994	08 51 48	20 14 00	20183.8	1	
I 1995	12 25 00	20 36 00	1228.1	1	
I 1996	12 25 00	20 36 00	3644.0	1	
I 1997	15 14 48	- 24 11 00	1742.2	1	
I 1998	15 14 48	- 24 11 00	1966.5	1	
I 2001	16 52 06	39 50 00	1159.0	1	
I 2003	17 27 00	50 12 00	32197.8	1	
I 2004	17 27 00	50 12 00	2547.4	1	
I 2006	21 55 24	- 15 15 21	1763.5	1	
I 2009	01 00 36	13 00 00	1890.9	1	
I 2011	01 06 44	01 19 01	2836.8	1	
I 2013	02 37 00	- 21 00 00	6825.8	1	
I 2014	02 37 53	- 23 22 08	5215.8	1	
I 2015	04 20 43	- 01 27 28	2255.6	1	
I 2016	04 20 43	- 01 27 28	514.6	1	

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 2017	04 40 00	- 00 23 00	1831.9	1	
I 2018	04 40 00	- 00 23 00	2125.4	1	
I 2019	07 36 42	01 44 00	3018.7	1	
I 2020	07 36 42	01 44 00	1144.6	1	
I 2021	08 05 18	04 41 00	2021.2	1	
I 2022	08 05 18	04 40 59	3051.9	1	
I 2023	08 30 36	11 15 29	1231.1	1	
I 2024	08 30 36	11 15 29	2858.4	1	
I 2025	08 48 05	15 33 29	1853.1	1	
I 2026	08 48 05	15 33 29	3681.6	1	
I 2027	08 55 24	18 53 00	1527.1	1	
I 2028	08 55 24	18 53 00	5394.1	1	
I 2029	09 07 00	01 34 00	1427.4	1	
I 2030	09 07 00	01 34 00	1883.7	1	
I 2031	10 11 00	25 06 00	1772.5	1	
I 2035	12 19 01	28 30 36	1780.4	1	
I 2037	12 26 36	02 20 00	1740.4	1	
I 2041	12 58 30	28 42 00	1909.2	1	
I 2046	13 03 45	31 07 01	1554.4	1	
I 2050	14 42 48	10 09 00	2786.6	1	
I 2051	14 42 48	10 09 00	3335.0	1	
I 2052	15 10 06	- 08 55 00	1696.7	1	
I 2053	15 10 06	- 08 55 00	1400.2	1	
I 2054	15 45 30	21 02 00	1912.3	1	
I 2055	15 45 30	21 02 00	1540.8	1	
I 2056	16 12 08	26 26 00	1280.6	1	
I 2057	16 12 08	26 26 00	1313.4	1	
I 2058	16 32 54	38 40 00	1579.3	1	
I 2060	16 41 17	39 54 11	1960.0	1	
I 2061	16 41 17	39 54 11	2037.8	1	
I 2062	17 04 00	60 48 00	2764.0	1	
I 2063	17 04 00	60 48 00	1820.0	1	
I 2064	21 21 15	05 22 27	1650.4	1	
I 2068	22 16 16	- 03 50 36	1792.2	1	
I 2072	22 51 00	11 21 00	1068.0	1	
I 2073	22 51 00	11 21 00	2291.2	1	
I 2074	22 51 25	- 17 50 40	1957.7	1	
I 2076	23 45 00	- 16 48 00	1385.3	1	
I 2077	23 45 00	- 16 48 00	1972.6	1	
I 2082	00 45 06	- 25 34 00	7762.6	1	
I 2085	01 08 47	88 51 09	8031.9	1	
I 2086	01 02 13	01 51 00	6876.7	1	
I 2088	01 22 00	03 32 00	4511.6	1	
I 2089	01 22 12	09 17 00	5754.6	1	
I 2090	01 31 06	30 24 00	19810.9	1	
I 2091	01 31 06	30 24 00	13091.5	1	
I 2092	02 41 06	01 10 00	4719.6	1	
I 2093	02 44 18	- 30 29 00	5314.9	1	
I 2094	03 17 30	- 19 34 00	6284.6	1	
I 2096	03 36 42	- 26 29 00	8481.7	1	
I 2097	03 36 42	- 26 29 00	5331.0	1	
I 2098	07 23 42	69 19 00	3453.6	1	
I 2099	09 18 36	51 11 00	4907.7	1	
I 2101	09 21 18	34 44 00	7427.4	1	
I 2102	09 51 36	69 18 00	6515.2	1	
*I 2103	09 51 36	69 18 00	0.0	0	
I 2105	09 59 24	68 59 00	8152.7	1	
I 2109	10 45 00	12 04 53	3614.9	1	
I 2110	10 45 12	12 51 00	1088.5	1	
I 2112	11 11 00	22 24 00	7173.5	1	
I 2113	11 11 00	22 24 00	4533.7	1	
I 2121	12 22 54	18 28 00	8148.0	0	
I 2123	12 25 48	44 22 00	1612.3	1	
I 2124	12 26 30	14 15 00	4388.1	1	
I 2126	12 35 12	12 06 00	1058.8	0	
I 2127	12 37 24	- 11 21 00	5282.2	1	
I 2128	12 37 24	- 11 21 00	1207.4	1	
I 2129	12 39 30	11 55 00	6250.1	1	
I 2130	12 41 06	11 50 00	6160.6	1	
I 2133	12 40 48	02 15 00	4151.5	1	

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)		LIVE TIME	OBSERVER NUMBER
	RA	DEC		
I 2134	12 46 00	- 05 31 00	4957.4	1
I 2136	12 54 18	21 57 00	4867.4	1
I 2138	13 19 00	- 27 11 00	4144.2	1
I 2140	14 01 30	54 36 00	10383.4	1
I 2141	14 01 30	54 36 00	6074.6	1
I 2143	14 17 48	04 10 00	4901.6	1
I 2144	15 05 06	55 57 00	2051.4	1
I 2146	23 55 18	- 32 51 00	1849.7	1
I 2147	00 22 00	63 52 00	2380.7	1
I 2148	01 25 00	62 51 00	2528.1	1
I 2150	04 52 13	46 30 00	2514.9	1
I 2151	04 55 06	46 33 00	1727.3	1
I 2152	04 58 00	46 36 00	1648.8	1
I 2153	05 00 54	46 39 00	1607.4	1
I 2155	08 17 01	- 43 07 58	4075.1	1
I 2156	08 19 28	- 43 21 00	3816.2	1
I 2158	08 18 13	- 42 40 58	3745.2	1
I 2159	08 20 40	- 43 54 00	4015.3	1
I 2160	09 02 18	- 38 29 00	1020.1	1
I 2161	11 00 52	- 60 36 57	10899.7	1
I 2162	11 22 22	- 58 58 58	1780.2	1
I 2163	12 07 00	- 52 07 00	3229.1	1
I 2164	14 39 00	- 62 16 59	1781.9	1
I 2165	15 16 48	- 57 29 00	468.2	1
I 2167	15 48 48	- 56 03 00	2360.6	1
I 2168	17 23 48	- 38 20 00	2346.3	1
I 2169	17 27 36	- 21 27 00	2902.6	1
I 2170	17 57 36	- 23 27 00	1589.5	1
I 2171	18 30 36	- 09 13 00	1909.6	1
I 2172	19 15 43	06 25 01	1636.0	1
I 2173	19 13 44	06 21 00	424.5	1
I 2174	19 16 01	05 55 59	2523.4	1
I 2175	19 20 52	04 34 59	1480.0	1
I 2176	19 21 30	13 57 00	2167.4	1
I 2177	19 30 54	18 25 30	2412.8	1
I 2178	19 36 30	17 07 59	5345.3	1
I 2179	20 37 05	51 07 01	236.1	1
I 2180	20 41 29	51 00 00	1664.0	1
I 2181	20 45 53	50 54 00	2594.0	1
I 2182	20 47 05	49 48 00	635.9	1
I 2183	21 23 30	51 40 00	396.2	1
I 2184	20 50 25	32 57 00	3950.9	1
I 2185	20 48 16	32 46 01	5094.9	1
I 2186	20 46 07	32 34 01	3889.4	1
I 2187	20 43 58	32 22 01	3208.7	1
I 2188	20 41 50	32 10 59	3486.2	1
I 2189	20 53 27	32 40 59	2426.9	1
I 2190	20 51 19	32 28 59	1969.2	1
I 2191	20 49 10	32 18 00	2955.7	1
I 2192	20 47 01	32 06 00	3434.8	1
I 2193	20 44 52	31 55 01	3299.8	1
I 2194	20 42 43	31 43 01	2928.7	1
I 2195	20 40 34	31 31 59	2546.4	1
I 2196	20 54 21	32 13 01	3853.7	1
I 2197	20 52 12	32 01 59	1619.7	1
I 2198	20 50 03	31 49 59	2315.8	1
I 2199	20 47 03	31 39 00	2894.6	1
I 2200	20 45 46	31 27 00	2944.0	1
I 2201	20 43 37	31 16 01	994.8	1
I 2202	20 41 28	31 04 01	1253.7	1
I 2203	20 55 15	31 46 01	1532.7	1
I 2204	20 53 06	31 34 01	2370.6	1
I 2205	20 50 57	31 22 01	1966.5	1
I 2206	20 48 48	31 10 59	6296.4	1
I 2218	03 55 12	35 39 00	1529.5	1
I 2219	05 29 36	- 00 20 00	1509.3	1
I 2221	05 38 12	- 01 58 00	1792.0	1
I 2222	05 44 12	- 32 19 00	1535.7	1
I 2223	08 01 54	- 39 51 00	1933.5	1
I 2224	16 34 24	- 10 28 00	1074.1	1

SEQ #	Position(1950)		LIVE TIME	OBSERVER NUMBER
	RA	DEC		
I 2225	00 05 48	28 49 00	1552.8	1
I 2226	03 39 18	47 38 00	2984.4	1
I 2227	03 51 00	31 44 00	2881.1	1
I 2228	04 26 48	- 13 09 00	1695.1	1
I 2229	10 05 42	12 12 00	1633.1	1
I 2230	13 22 30	- 10 53 00	2164.9	1
I 2231	13 58 24	- 60 07 00	1946.5	1
I 2232	14 38 18	- 47 11 00	2173.8	1
I 2233	18 21 18	- 34 25 00	2766.1	1
I 2234	18 47 50	33 16 12	2230.8	1
I 2236	22 04 48	- 47 12 00	1331.7	1
I 2237	08 43 24	- 54 32 00	2713.1	1
I 2238	09 12 40	- 69 29 59	997.8	1
I 2239	11 45 56	14 51 00	1889.6	1
I 2240	12 51 48	56 14 00	1740.5	1
I 2241	17 07 54	- 15 40 00	2703.6	1
I 2242	21 17 24	62 23 00	1472.9	1
I 2243	22 54 54	- 29 53 00	1482.3	1
I 2244	00 06 24	58 53 00	1085.1	1
I 2246	00 45 54	57 33 00	2093.7	1
I 2248	04 53 48	33 05 00	1100.9	1
I 2250	17 54 30	37 15 00	2101.5	1
I 2251	17 55 30	51 30 00	1807.7	1
I 2253	02 16 48	- 03 12 00	3482.3	1
I 2255	01 01 48	41 01 59	2123.6	1
I 2259	08 08 44	- 76 23 57	788.6	1
I 2260	08 08 44	- 76 23 57	949.8	1
I 2261	08 19 42	73 16 59	1531.3	1
I 2266	12 32 00	37 55 00	2233.7	1
I 2267	12 50 00	- 28 59 00	1449.3	1
I 2268	12 50 00	- 28 59 00	743.7	1
I 2269	13 35 00	52 09 40	781.8	1
I 2270	13 35 00	52 09 40	3543.9	1
I 2273	19 06 00	43 58 00	1774.4	1
I 2274	19 06 00	43 58 00	2370.9	1
I 2275	19 37 00	30 24 00	1974.2	1
I 2277	20 05 19	17 33 25	3228.2	1
I 2279	22 11 27	12 26 47	1773.2	1
I 2281	06 52 12	- 23 51 00	3022.0	1
I 2282	06 52 12	- 23 51 00	4004.6	1
I 2283	08 07 59	- 47 10 58	1567.6	1
I 2284	08 07 59	- 47 10 58	3066.8	1
I 2285	11 04 18	- 65 13 58	2062.0	1
I 2289	21 48 24	12 24 00	1735.1	1
I 2291	23 31 24	48 33 00	2686.1	1
I 2294	23 41 36	- 15 33 00	2088.8	1
I 2295	03 04 00	24 09 00	8141.1	1
I 2296	03 44 06	23 41 49	14184.7	1
I 2297	17 10 24	- 37 03 00	2506.4	1
I 2298	18 51 42	32 58 00	1786.2	1
I 2300	01 14 18	06 43 00	1750.7	1
I 2302	02 33 00	- 44 01 00	816.0	1
I 2306	03 34 13	00 26 35	1528.8	1
I 2308	07 31 00	31 59 00	1986.4	1
I 2310	07 40 00	29 01 00	1545.2	1
I 2311	07 40 00	29 01 00	2518.1	1
I 2312	08 35 00	23 45 00	2044.7	1
I 2314	20 42 00	- 31 31 00	1317.3	1
I 2318	22 54 00	- 31 50 00	2016.5	1
I 2320	23 07 40	47 40 58	1756.6	1
I 2332	01 04 00	- 21 53 00	4755.9	1
I 2333	01 00 14	- 22 04 12	4311.5	1
I 2334	02 28 00	- 13 04 00	1521.6	1
I 2335	02 28 00	- 13 24 00	5723.8	1
I 2338	03 03 00	- 22 18 00	2857.8	1
I 2340	03 34 00	- 30 12 00	701.2	1
I 2346	03 49 00	- 13 56 00	1468.4	1
I 2348	04 31 24	- 13 21 00	3677.9	1
I 2349	04 31 24	- 13 21 00	5953.8	1
I 2352	05 14 12	06 25 00	3575.4	1

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 2353	05 14 12	06 25 01	4336.1	1	
I 2358	17 43 00	- 29 08 00	3269.4	1	
I 2360	18 00 00	- 29 00 00	6897.9	1	
I 2362	18 20 00	- 30 00 00	9366.6	1	
I 2388	23 41 00	- 28 48 00	4484.1	1	
I 2390	05 06 07	- 64 58 47	474.5	1	
I 2391	05 13 29	- 65 31 11	1279.0	1	
I 2394	05 20 41	- 66 05 59	1522.1	1	
I 2395	05 25 55	- 66 07 47	1689.5	1	
I 2396	05 30 34	- 66 05 59	1746.9	1	
I 2397	05 34 17	- 66 05 59	2058.2	1	
I 2398	05 40 26	- 66 05 59	1556.8	1	
I 2402	05 25 48	- 67 07 47	551.6	1	
I 2403	05 30 46	- 67 07 47	1891.4	1	
I 2404	05 35 43	- 67 07 47	1653.4	1	
I 2405	05 25 43	- 67 40 11	2092.2	1	
I 2406	05 30 46	- 67 40 11	1655.8	1	
I 2407	05 35 48	- 67 40 11	1696.9	1	
I 2408	05 00 09	- 70 14 17	1101.3	1	
I 2410	05 06 00	- 68 11 59	552.9	1	
I 2411	05 11 24	- 68 11 59	1142.4	1	
I 2412	05 16 48	- 68 11 59	1261.9	1	
*I 2413	05 22 10	- 68 11 59	0.0	0	
I 2414	05 27 34	- 68 11 59	354.9	1	
*I 2415	05 32 58	- 68 11 59	157.8	1	
I 2416	05 26 19	- 68 11 59	1743.3	1	
I 2417	05 43 43	- 68 11 59	630.4	1	
I 2418	05 49 05	- 68 11 59	1632.4	1	
*I 2419	04 52 41	- 68 41 59	144.0	1	
I 2423	05 09 12	- 68 41 59	2015.3	1	
I 2424	05 14 41	- 68 41 59	474.8	1	
I 2425	05 20 12	- 68 41 59	2158.8	1	
I 2426	05 25 43	- 68 41 59	896.8	1	
I 2427	05 31 14	- 68 41 59	738.6	1	
I 2428	05 36 43	- 68 41 59	1412.3	1	
I 2429	05 42 14	- 68 41 59	1968.5	1	
I 2430	05 47 43	- 68 41 59	867.3	1	
I 2432	04 53 55	- 69 11 59	974.5	1	
I 2433	05 13 57	- 69 11 59	1822.4	1	
*I 2434	04 56 00	- 68 43 08	117.9	1	
I 2435	05 10 50	- 69 11 59	710.3	1	
I 2436	05 16 29	- 69 11 59	1184.6	1	
*I 2437	05 22 05	- 69 11 59	0.0	0	
I 2438	05 27 43	- 69 11 59	945.3	1	
I 2439	05 33 22	- 69 11 59	2339.3	1	
I 2440	05 39 00	- 69 11 59	1697.9	1	
I 2441	05 44 38	- 69 11 59	393.5	1	
I 2442	05 50 14	- 69 11 59	309.3	1	
I 2443	04 55 43	- 69 41 59	1015.8	1	
I 2444	05 01 29	- 69 41 59	450.1	1	
*I 2445	05 07 14	- 69 41 60	9.0	0	
I 2446	05 13 02	- 69 41 59	1789.5	1	
I 2447	05 18 48	- 69 41 59	474.4	1	
I 2448	05 24 34	- 69 41 59	1237.5	1	
I 2449	05 30 19	- 69 41 59	1073.3	1	
I 2450	05 36 05	- 69 41 59	1485.5	1	
I 2452	05 41 50	- 69 41 59	1558.8	1	
*I 2454	05 00 09	- 70 14 16	266.9	1	
*I 2455	05 06 05	- 70 11 59	212.6	1	
I 2456	05 12 00	- 70 11 59	1331.7	1	
I 2458	05 23 48	- 70 11 59	2115.1	1	
I 2459	05 29 43	- 70 11 59	1447.1	1	
I 2460	05 35 36	- 70 11 59	1993.1	1	
I 2461	05 41 31	- 70 11 59	1220.6	1	
I 2462	05 47 24	- 70 11 59	1419.4	1	
I 2463	05 20 00	- 70 41 59	2834.4	1	
I 2464	05 26 02	- 70 41 59	2839.8	1	
I 2465	05 32 05	- 70 41 59	1926.1	1	
I 2466	05 38 07	- 70 41 59	1772.0	1	
I 2467	05 44 12	- 70 41 59	1449.8	1	

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 2468	05 26 26	- 71 11 59	1165.2	1	
I 2469	05 32 39	- 71 11 59	3324.0	1	
I 2470	05 38 50	- 71 11 59	1489.2	1	
I 2471	05 17 32	- 71 49 40	1886.6	1	
I 2472	05 25 55	- 66 07 48	2008.1	1	
I 2473	05 15 15	- 67 19 40	1106.2	1	
I 2474	05 07 27	- 67 19 40	3209.3	1	
I 2475	05 59 38	- 67 19 40	2039.1	1	
I 2476	05 46 24	- 66 34 40	2088.4	1	
I 2477	05 46 24	- 65 49 40	2041.1	1	
I 2478	05 46 24	- 65 04 40	1706.6	1	
I 2480	00 31 36	- 07 38 26	1918.8	1	
I 2481	01 49 46	- 16 50 00	715.9	1	
I 2486	06 56 57	14 25 00	1755.0	1	
I 2492	12 37 12	25 10 17	1058.8	1	
I 2493	15 29 30	28 00 00	1282.1	1	
I 2494	16 42 25	- 03 12 31	8711.4	1	
I 2495	17 06 33	- 16 37 12	2660.5	1	
I 2496	19 52 22	29 15 22	1946.5	1	
I 2504	23 27 50	- 18 00 00	1370.7	1	
I 2507	18 20 00	- 21 00 00	9518.0	1	
I 2508	17 54 20	- 24 27 20	1265.3	1	
I 2515	17 42 02	- 28 55 42	1045.0	1	
I 2516	17 40 24	- 29 35 30	1697.9	1	
I 2517	17 38 23	- 30 12 03	1864.8	1	
I 2518	17 36 43	- 30 51 41	2239.5	1	
I 2519	17 34 38	- 31 28 00	1526.6	1	
I 2520	17 32 55	- 32 07 28	3556.5	1	
I 2521	17 39 08	- 28 31 54	2000.3	1	
I 2522	17 34 34	- 27 46 42	1649.2	1	
*I 2523	17 29 36	- 27 10 59	0.0	0	
I 2524	17 25 10	- 26 24 37	1928.0	1	
I 2532	18 00 02	- 29 48 42	1895.5	1	
I 2535	17 48 11	- 34 08 02	1073.2	1	
I 2536	17 45 16	- 35 13 54	1987.6	1	
I 2542	17 46 36	- 32 21 03	1818.7	1	
I 2543	17 43 18	- 33 23 34	1299.3	1	
I 2544	17 40 21	- 34 28 59	672.9	1	
I 2549	17 44 12	- 30 41 19	3598.8	1	
I 2550	17 41 20	- 31 46 44	2002.1	1	
I 2551	17 38 00	- 32 48 45	2495.2	1	
I 2552	17 35 00	- 33 53 41	2019.7	1	
I 2565	02 21 53	61 52 22	6242.5	1	
I 2567	05 32 49	- 05 25 15	4043.4	1	
I 2568	05 31 10	- 05 49 51	4319.9	1	
I 2569	05 34 27	- 05 49 51	5289.1	1	
I 2571	05 34 27	- 05 00 39	4621.6	1	
I 2572	05 31 10	- 05 00 39	3810.7	1	
I 2573	05 31 30	- 05 15 00	4048.9	1	
I 2577	22 17 41	63 03 45	1365.3	1	
I 2578	01 30 49	- 40 51 54	28587.0	2	
I 2598	23 17 44	07 45 47	8757.0	2	
I 2600	10 27 36	- 02 55 00	1176.7	2	
I 2601	12 01 54	02 11 00	10359.0	2	
I 2602	13 58 00	- 02 37 00	1866.3	2	
I 2603	14 15 06	02 16 00	1192.3	2	
I 2604	15 19 24	07 53 00	2087.2	2	
I 2605	14 26 06	26 04 00	1141.0	2	
I 2606	16 02 48	24 04 00	1067.8	2	
I 2607	07 32 36	58 52 00	950.0	2	
I 2608	13 04 42	34 40 00	3183.4	2	
I 2611	10 18 48	51 56 00	1766.1	2	
I 2612	12 54 54	59 17 00	1388.9	2	
I 2613	12 59 00	48 19 00	853.2	2	
I 2614	15 34 42	58 05 00	1223.7	2	
I 2615	15 53 00	19 20 00	1984.4	2	
I 2616	22 14 42	13 59 00	2664.1	2	
I 2617	23 01 30	22 21 00	1510.5	2	
I 2619	00 57 06	31 33 00	2106.2	2	
I 2621	06 55 42	54 17 00	793.1	2	

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 2622	07 52 00	39 19 00	2007.0	2	
I 2625	14 33 06	48 52 00	2113.9	2	
I 2627	15 35 06	54 42 00	1027.4	2	
I 2628	16 59 12	29 29 00	898.0	2	
I 2629	17 20 42	30 56 00	1559.5	2	
I 2630	17 48 48	68 42 59	2017.7	2	
I 2632	00 51 00	12 25 00	1552.2	2	
I 2633	01 19 30	- 01 18 00	2454.5	2	
I 2634	00 08 00	10 42 00	804.5	2	
I 2636	02 12 00	- 01 00 00	1771.4	2	
I 2638	02 20 24	31 58 00	1542.5	2	
I 2640	04 34 00	- 10 28 00	922.5	2	
I 2641	05 13 36	- 00 12 00	2019.5	2	
I 2642	09 34 30	01 20 00	1851.5	2	
I 2644	10 28 48	29 06 00	1938.7	2	
I 2646	11 22 48	54 39 00	402.0	2	
I 2649	15 31 48	35 54 00	2120.3	2	
I 2650	18 33 12	32 39 00	1270.2	2	
I 2651	23 53 30	07 15 00	2417.3	2	
*I 2652	10 30 54	60 17 00	276.2	2	
I 2653	07 37 56	65 17 43	2079.1	2	
I 2654	11 29 48	53 13 00	1100.7	2	
I 2655	12 06 36	47 20 00	514.9	2	
I 2656	13 38 54	30 38 00	2592.6	2	
I 2657	13 39 24	67 56 00	1865.1	2	
I 2658	13 42 48	56 08 00	1029.0	2	
I 2660	00 46 06	31 42 00	2041.2	2	
I 2661	02 46 30	- 19 05 00	1907.7	2	
I 2662	03 38 42	- 01 27 00	1287.9	2	
I 2663	01 09 00	- 38 18 00	1893.1	2	
I 2664	12 32 54	- 39 38 00	809.3	2	
I 2665	13 53 42	18 37 00	1777.9	2	
I 2666	19 06 54	50 51 00	1525.6	2	
I 2669	04 15 02	37 54 29	1412.1	2	
I 2670	05 18 18	- 45 49 39	1623.7	2	
I 2672	12 16 50	06 06 09	2148.8	2	
I 2673	18 28 51	- 02 06 00	1343.2	2	
I 2674	18 38 35	- 05 11 00	2163.1	2	
I 2675	18 59 16	01 42 31	791.3	2	
I 2676	19 01 38	05 21 54	1193.6	2	
*I 2677	19 04 56	07 01 50	275.7	2	
I 2678	19 08 43	08 59 49	1555.6	0	
I 2679	20 12 18	23 25 42	2149.8	2	
I 2680	20 18 04	29 32 41	2016.0	2	
I 2681	22 43 33	39 25 28	1754.4	2	
I 2682	02 10 49	86 05 06	1508.6	2	
I 2683	03 56 10	10 17 32	1248.7	2	
I 2684	04 59 54	25 12 24	1696.9	2	
I 2685	09 06 17	43 05 59	1607.9	2	
I 2686	09 47 28	14 34 02	1351.9	2	
I 2687	09 58 57	29 01 37	2052.6	2	
I 2688	10 30 20	58 30 06	1847.6	2	
I 2690	14 58 57	71 52 11	2045.9	2	
I 2691	16 26 55	39 39 31	789.2	2	
I 2692	18 36 13	17 09 10	1342.4	2	
I 2693	18 42 35	45 30 22	1906.0	2	
I 2694	19 39 38	60 34 30	1020.0	2	
I 2695	21 53 45	37 46 13	2310.5	2	
I 2701	07 44 36	55 56 00	1266.4	2	
I 2702	10 09 22	35 09 00	1530.1	2	
I 2705	02 37 54	- 23 22 00	1661.2	2	
I 2707	05 48 48	- 32 17 00	1902.1	2	
I 2709	02 19 30	42 48 30	342.3	2	
I 2710	03 50 49	- 09 49 00	1696.6	2	
I 2711	08 02 04	10 23 36	2055.2	2	
I 2712	09 54 31	32 37 00	1595.3	2	
I 2713	15 48 22	11 29 18	1961.7	2	
I 2715	12 15 24	30 24 00	2433.4	2	
I 2716	09 12 54	29 47 00	1534.3	2	
*I 2717	00 58 20	01 55 28	197.6	2	

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 2718	00 14 30	31 52 00	1149.4	2	
I 2719	08 09 11	04 39 51	1403.3	2	
I 2720	17 49 00	70 01 00	1810.7	2	
I 2727	15 08 12	67 18 00	5546.7	2	
I 2728	02 32 36	59 25 48	7995.0	2	
I 2807	17 59 06	- 08 57 00	1135.1	2	
I 2823	16 59 02	- 29 51 36	1419.9	2	
I 2828	19 13 48	- 05 24 00	2034.0	2	
I 2902	18 08 32	- 19 26 54	644.7	2	
I 2903	02 01 53	64 35 18	1814.3	2	
I 2911	15 51 02	- 04 33 36	4936.2	2	
I 2949	14 54 20	- 31 28 09	1817.0	2	
I 2952	23 58 00	- 64 05 59	2020.6	2	
*I 2953	00 00 00	28 00 00	0.0	0	
I 2977	08 36 12	- 42 33 00	876.2	2	
I 2981	14 06 55	- 61 54 00	869.5	2	
I 2990	13 43 48	- 60 45 00	1842.3	2	
I 3007	17 16 23	- 36 02 43	2288.5	2	
I 3009	11 04 16	- 65 13 59	871.6	2	
I 3011	01 27 24	58 07 00	1383.3	2	
I 3012	10 15 17	- 57 40 00	2114.6	2	
I 3018	09 08 18	09 01 00	1566.5	2	
I 3019	02 23 24	61 39 00	763.6	2	
I 3023	00 44 24	- 12 08 50	1919.3	2	
I 3024	08 43 59	18 04 00	1562.9	2	
I 3025	21 33 36	31 28 00	1440.7	2	
I 3026	12 21 59	- 18 29 41	2016.5	2	
I 3027	19 57 25	22 34 53	1994.3	2	
I 3029	01 53 49	20 48 30	476.2	993	
I 3031	07 35 34	74 21 32	552.6	993	
I 3032	08 32 02	14 21 00	2306.4	993	
I 3033	08 40 08	29 55 36	2079.8	993	
I 3034	08 54 35	09 59 42	1580.0	993	
I 3035	09 42 39	67 40 25	1269.3	993	
*I 3036	11 40 08	58 21 18	0.0	0	
I 3037	14 13 39	23 21 27	1928.4	993	
I 3038	15 09 05	10 12 58	1611.1	993	
I 3039	15 55 44	45 31 00	1530.2	993	
I 3040	16 08 55	19 07 24	1552.6	993	
I 3041	16 45 01	71 04 30	1043.1	993	
I 3042	22 17 40	08 44 50	1606.7	993	
I 3043	23 49 27	28 53 47	1630.5	993	
I 3044	21 04 25	- 25 40 00	1499.1	992	
I 3045	13 06 15	29 39 03	8008.8	991	
I 3048	07 42 00	03 41 00	9333.3	9	
I 3049	06 34 50	16 26 30	3917.1	10	
I 3050	06 34 41	06 10 30	1837.3	10	
I 3051	08 48 32	- 41 54 00	2124.9	10	
I 3052	16 53 07	- 40 45 00	1282.7	10	
I 3053	17 31 26	- 32 33 00	1929.0	10	
I 3054	20 54 48	44 44 00	3029.4	10	
I 3055	21 37 24	57 15 00	2535.8	10	
I 3056	02 51 15	- 37 58 24	1605.3	10	
I 3057	11 18 17	- 61 35 59	2766.3	10	
I 3058	03 31 48	- 36 18 00	772.2	6	
I 3059	03 31 48	- 36 18 00	2921.6	6	
I 3060	09 43 18	- 14 06 00	1462.4	6	
I 3061	09 43 18	- 14 06 00	1526.9	6	
I 3062	14 10 42	- 02 58 00	2257.1	6	
I 3063	14 10 42	- 02 58 00	1901.4	6	
*I 3064	17 07 00	60 48 00	0.0	0	
I 3065	17 07 00	60 48 00	989.7	6	
I 3066	23 15 48	- 42 38 00	1528.2	6	
I 3067	23 15 48	- 42 38 00	2106.1	6	
I 3068	02 19 30	42 48 28	4780.4	17	
I 3069	05 48 50	- 32 16 56	3865.6	17	
I 3070	14 00 21	16 14 21	1546.5	17	
I 3071	14 00 21	16 14 21	1543.2	17	
I 3072	15 38 30	14 57 22	2687.1	17	
I 3073	15 38 30	14 57 22	3129.9	17	

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER	SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC					RA	DEC			
I 3074	22 54 46	07 27 11	1646.8	17	I 3167	23 53 30	07 15 00	2235.8	53		
I 3075	22 54 46	07 27 11	1186.9	17	I 3170	19 36 00	30 02 00	4831.2	44		
I 3076	23 35 34	03 10 24	1718.1	17	I 3171	19 39 00	31 03 00	6861.8	44		
I 3077	23 35 34	03 10 24	1976.2	17	I 3172	19 28 00	31 06 00	7613.6	44		
I 3078	01 19 14	09 40 59	1100.8	18	I 3173	12 09 00	- 52 52 00	2175.7	44		
I 3080	03 00 27	16 14 36	2077.3	18	I 3174	15 44 12	00 53 00	2218.6	52		
I 3083	09 17 00	75 12 00	789.8	18	I 3175	03 49 06	24 47 00	1313.2	52		
*I 3084	11 10 57	70 56 59	0.0	0	I 3176	12 54 36	22 18 00	1540.8	52		
I 3085	11 20 18	71 36 57	997.9	18	I 3177	16 20 30	26 02 24	1540.4	52		
I 3086	12 44 00	26 19 00	1545.2	18	I 3178	03 46 18	- 01 07 00	1573.7	52		
I 3087	15 02 00	74 30 00	605.1	18	I 3179	07 52 08	22 08 18	3993.0	32		
I 3088	15 10 00	15 25 59	1147.7	18	I 3180	18 06 00	45 51 00	3959.0	71		
I 3089	15 30 12	41 05 00	1839.0	18	I 3181	18 12 48	41 49 58	2374.1	71		
I 3090	17 09 18	39 45 24	2004.5	18	I 3184	09 02 00	- 32 10 00	1037.2	71		
I 3091	17 18 46	26 42 57	2943.5	18	I 3185	19 44 00	- 42 07 00	2952.9	71		
I 3092	18 26 22	74 41 54	1367.3	18	I 3186	10 17 00	- 08 26 00	1871.7	71		
I 3094	23 16 40	15 24 58	2581.4	18	I 3187	02 04 10	15 02 37	1566.0	34		
I 3095	16 13 48	- 50 54 00	2477.7	15	I 3188	03 27 48	43 44 06	1854.2	34		
I 3101	00 15 31	43 44 24	1108.4	994	I 3189	15 57 25	26 03 36	3006.7	34		
I 3104	01 41 45	- 16 12 00	705.3	994	I 3190	17 47 32	- 06 41 48	1698.7	34		
I 3105	03 17 56	- 43 15 36	2716.1	994	I 3191	00 44 41	23 59 31	1587.7	54		
I 3106	03 30 34	- 09 37 33	997.3	994	I 3192	01 14 04	- 02 45 47	1452.5	54		
I 3108	05 39 14	12 29 18	1831.4	994	I 3193	03 09 51	47 55 12	1294.5	54		
I 3109	05 52 40	- 04 08 45	1890.8	994	I 3194	04 18 11	- 06 21 48	726.2	54		
I 3110	11 03 00	43 47 00	1549.6	994	I 3195	04 41 23	- 10 46 24	4042.7	54		
I 3111	11 44 34	78 57 39	1542.9	994	I 3196	05 01 51	58 57 15	1580.5	54		
I 3112	16 52 48	- 08 14 42	2078.0	994	I 3197	06 00 39	31 20 00	1782.8	54		
I 3113	18 02 56	02 30 36	3293.2	994	I 3198	07 00 53	- 05 39 36	2483.4	54		
I 3114	20 03 50	- 66 18 39	1103.4	994	I 3199	07 10 20	73 25 30	1507.8	54		
I 3115	20 07 55	- 36 13 42	2330.0	994	I 3200	07 18 20	- 05 09 45	1237.9	54		
I 3116	21 04 40	38 30 00	1263.8	994	I 3202	08 28 14	02 27 00	1551.0	54		
I 3117	22 26 13	57 26 45	1454.1	994	I 3204	08 36 02	31 58 27	2103.1	54		
I 3118	22 35 45	- 15 35 27	1824.2	994	*I 3206	10 52 36	60 44 11	138.2	54		
I 3120	13 19 10	42 51 00	5985.5	22	I 3207	11 38 06	52 16 30	1306.8	54		
I 3121	15 29 34	24 14 30	3447.5	22	I 3208	12 13 21	72 49 45	1660.4	54		
I 3122	11 08 47	35 57 00	3990.6	22	I 3209	12 20 04	73 31 22	1734.6	54		
I 3124	18 00 48	- 24 21 42	3800.3	16	I 3210	12 59 07	28 53 48	908.3	54		
I 3125	07 16 35	- 24 28 00	2085.6	16	I 3211	13 08 18	36 12 01	2286.3	54		
I 3126	16 48 04	- 41 08 48	1056.6	16	I 3212	13 28 25	24 29 25	932.2	54		
I 3127	04 49 04	66 15 36	2185.6	16	I 3213	13 32 34	37 26 17	2588.6	54		
I 3128	05 33 40	- 01 13 54	1726.0	16	I 3215	14 33 01	- 17 49 09	1574.7	54		
I 3129	05 45 23	- 09 41 12	1148.8	16	I 3216	15 11 35	38 45 12	2377.7	54		
I 3130	17 21 11	- 56 20 00	6140.7	16	I 3217	15 36 50	29 38 57	4339.7	54		
I 3131	10 30 11	09 34 00	2112.0	16	I 3218	15 51 12	72 21 36	1344.3	54		
I 3132	05 54 53	25 56 30	1957.5	16	I 3219	16 12 48	33 59 03	1717.1	54		
I 3133	07 00 56	- 23 45 29	1612.6	16	I 3220	16 38 21	60 47 45	1565.8	54		
I 3134	07 22 07	- 29 12 18	1583.0	16	*I 3221	16 51 01	82 07 22	0.0	0		
I 3135	17 58 08	02 55 59	1354.4	16	I 3222	17 27 15	- 33 36 59	703.6	54		
I 3136	20 39 44	45 06 06	3419.9	16	I 3224	17 56 32	22 08 54	1998.4	54		
I 3137	20 08 22	36 01 42	874.8	16	I 3225	18 08 34	33 27 00	749.1	54		
I 3139	10 39 23	- 59 24 53	2135.4	16	I 3226	18 23 07	18 15 45	1454.2	54		
I 3140	16 48 48	- 41 46 18	2033.1	16	I 3227	19 07 15	52 20 43	1839.8	54		
I 3141	10 41 57	- 59 51 17	1616.4	16	I 3228	19 30 10	55 37 30	414.7	54		
I 3142	00 35 14	- 33 59 25	908.6	12	I 3229	21 37 03	- 16 14 03	1494.0	54		
I 3143	02 32 10	- 09 00 14	3302.8	12	I 3230	22 02 57	46 59 27	705.9	54		
I 3144	03 08 43	01 07 39	2342.6	12	I 3231	22 28 03	49 06 00	1400.8	54		
I 3145	04 59 04	03 30 07	2047.8	12	I 3233	22 50 34	16 34 32	1828.7	54		
I 3146	05 53 05	03 23 09	2050.3	12	I 3234	23 10 50	02 24 10	2706.1	54		
I 3147	07 08 15	73 32 58	934.7	12	I 3235	23 35 06	46 11 14	1711.0	54		
I 3148	07 43 33	39 08 06	2250.2	12	I 3236	23 52 14	28 21 36	1826.3	54		
I 3149	08 55 23	37 16 47	2093.8	12	I 3238	11 07 04	37 54 44	5843.8	30		
I 3150	11 01 05	41 07 12	1543.4	12	I 3239	12 18 04	33 59 50	4884.6	30		
I 3151	13 58 49	41 13 44	1820.4	12	I 3240	12 32 54	21 37 02	5122.6	30		
I 3152	03 34 13	00 25 29	18765.8	13	I 3241	12 41 28	16 39 19	3814.1	30		
I 3153	21 59 28	43 38 55	16755.8	14	I 3242	15 22 47	54 39 11	4410.7	30		
I 3154	14 02 00	- 61 43 59	2777.5	28	I 3243	14 26 24	- 62 27 36	7148.5	23		
I 3155	15 50 30	- 53 00 00	2881.9	28	I 3247	20 37 33	- 01 03 00	4429.9	20		
I 3156	15 44 48	- 53 40 12	4075.5	28	I 3249	11 01 31	45 19 48	13220.1	26		
I 3157	16 11 30	- 50 50 00	3017.7	28	I 3254	01 19 21	04 06 46	633.0	61		
I 3158	15 50 42	- 53 12 00	836.0	28	I 3255	02 02 07	14 59 51	1558.2	61		

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 3256	02 21 50	06 45 50	3110.4	61	
I 3257	02 29 02	13 09 41	2193.5	61	
I 3258	02 34 56	28 35 12	1549.5	61	
I 3259	02 37 14	- 02 47 34	1861.3	61	
I 3260	03 06 21	10 17 52	2267.5	61	
I 3261	03 36 59	- 01 56 17	1659.9	61	
I 3262	07 23 18	- 00 48 55	1998.6	61	
I 3263	07 45 36	24 07 55	990.1	61	
I 3264	08 27 54	24 21 08	1806.5	61	
I 3265	09 54 00	25 29 34	942.5	61	
I 3267	12 19 49	04 29 53	1375.5	61	
I 3269	14 56 29	04 28 10	2285.3	61	
I 3274	08 30 52	- 49 25 42	847.4	70	
I 3275	18 10 46	- 21 04 24	1502.2	70	
I 3276	18 41 57	- 07 09 48	1357.3	70	
I 3278	18 59 12	20 46 18	3344.0	70	
I 3279	19 46 41	29 16 36	950.5	70	
I 3280	20 01 50	36 17 00	1318.3	70	
I 3281	20 06 54	37 05 18	1695.1	70	
I 3282	00 03 27	63 24 06	1827.6	70	
I 3283	01 59 12	55 22 30	1675.2	70	
I 3284	04 16 24	21 01 24	1259.9	70	
I 3285	15 07 48	- 44 19 48	1990.1	70	
I 3286	16 30 10	- 48 00 24	4075.9	70	
I 3288	19 04 42	41 20 18	862.9	70	
I 3289	19 56 24	- 35 25 00	5152.5	70	
I 3290	20 21 42	- 56 55 00	1183.1	70	
I 3291	21 09 06	47 51 00	1531.7	70	
I 3292	22 57 48	62 30 06	1165.6	70	
I 3293	09 31 06	10 22 00	1550.3	62	
I 3294	09 55 24	10 36 00	1079.3	62	
I 3296	10 47 30	00 36 00	1898.5	62	
I 3297	11 08 42	03 28 00	1486.8	62	
I 3300	14 27 31	07 28 12	1909.4	62	
I 3301	15 08 36	05 31 00	375.7	62	
I 3302	16 56 00	27 56 00	1534.3	62	
I 3303	01 33 06	54 00 18	2279.2	56	
I 3304	08 29 37	- 27 35 20	886.1	56	
I 3305	09 53 04	- 57 04 39	1733.1	56	
I 3306	14 10 23	- 63 11 45	1949.4	56	
I 3307	14 13 46	- 21 31 59	1935.7	56	
I 3308	15 21 10	- 51 39 15	1183.1	56	
I 3309	15 42 30	- 66 19 59	1838.1	56	
I 3310	15 47 38	- 48 35 54	519.9	56	
I 3311	16 30 47	- 34 59 10	638.9	56	
I 3312	16 40 00	- 62 31 40	1252.4	56	
I 3313	17 04 04	- 34 01 19	960.8	56	
I 3314	17 37 20	- 47 01 50	1393.7	56	
I 3316	18 10 47	- 43 01 26	2004.3	56	
I 3317	18 12 52	- 30 52 16	1430.2	56	
I 3318	19 39 41	16 37 33	661.1	56	
I 3319	19 48 21	35 33 24	2024.2	56	
I 3320	19 55 20	39 41 30	2004.2	56	
I 3321	20 00 20	- 55 52 04	1915.0	56	
I 3332	06 30 55	18 39 00	3030.8	64	
I 3333	06 31 46	17 57 00	2328.6	64	
I 3334	06 33 29	18 37 12	3079.3	64	
I 3335	06 59 05	- 05 33 00	2019.4	64	
I 3336	06 59 05	- 04 40 48	2001.3	64	
I 3337	06 55 31	- 04 40 48	1190.6	64	
I 3338	06 56 08	- 07 07 44	989.4	64	
I 3339	10 33 37	- 57 37 40	2174.5	64	
I 3340	10 28 09	- 56 54 32	1867.9	64	
I 3341	10 22 43	- 57 37 59	1646.6	64	
I 3342	10 28 03	- 58 17 42	1850.3	64	
I 3351	01 33 50	50 41 38	2452.7	40	
I 3352	04 09 29	- 71 25 54	2184.9	40	
I 3353	06 55 14	- 09 43 51	4137.6	40	
I 3354	08 07 55	28 17 24	2608.6	40	
I 3355	08 08 06	62 45 37	1311.9	40	

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 3356	08 58 14	18 06 08	1093.8	40	
I 3357	16 42 05	25 20 27	1775.2	40	
I 3358	18 42 43	37 57 06	1310.3	40	
I 3359	07 26 13	21 00 57	1992.7	24	
I 3360	10 22 22	- 18 23 19	2451.5	24	
I 3361	23 23 29	42 15 36	1789.1	24	
I 3362	20 15 17	37 53 00	1335.8	24	
I 3363	23 51 53	57 14 00	1369.7	24	
I 3365	20 38 03	75 24 58	16503.6	104	
I 3366	15 02 08	47 50 53	4360.3	104	
I 3367	04 09 47	- 10 35 44	2096.8	104	
I 3368	09 40 15	56 10 56	1426.4	104	
I 3369	19 55 32	35 03 54	1610.8	0	
I 3374	20 30 33	41 17 06	2835.6	5	
I 3375	20 33 11	40 47 06	4692.7	5	
I 3376	20 30 33	40 17 06	2177.1	5	
I 3377	20 27 54	40 47 06	2539.6	5	
I 3378	20 30 33	40 47 06	5192.0	5	
I 3379	20 30 33	41 01 05	5063.8	5	
I 3380	20 31 47	40 47 06	4863.0	5	
I 3381	20 30 33	40 33 07	2911.8	5	
I 3382	20 29 19	40 47 06	2847.8	5	
I 3383	20 31 47	41 01 05	5142.0	5	
I 3384	20 31 57	41 03 03	4884.6	5	
I 3385	20 29 19	41 01 05	4654.7	5	
I 3386	20 29 08	41 03 03	5462.6	5	
I 3387	20 29 19	40 33 07	2369.2	5	
I 3388	20 29 09	40 31 08	2301.6	5	
I 3389	20 31 46	40 33 07	5191.5	5	
I 3390	20 31 57	40 31 08	4679.5	5	
I 3391	13 14 00	29 36 01	4694.9	5	
I 3392	13 15 04	29 22 01	3822.8	5	
I 3393	13 14 00	29 08 01	4374.0	5	
I 3394	13 12 56	29 22 01	6058.2	5	
I 3405	13 42 48	26 36 00	2532.0	0	
I 3437	03 41 40	- 53 48 10	4196.7	21	
I 3438	16 27 57	40 58 12	7744.6	21	
I 3440	03 27 30	24 38 00	2082.0	95	
I 3441	06 55 18	69 54 00	1149.0	95	
I 3442	10 46 06	35 14 00	5167.5	95	
I 3443	11 27 54	- 14 17 00	1820.3	95	
I 3444	15 13 42	00 17 00	2583.1	95	
*I 3445	02 34 18	- 19 37 00	244.5	95	
I 3446	10 14 12	39 17 00	593.2	95	
I 3447	09 41 48	09 48 00	3350.2	95	
I 3449	03 35 00	- 53 12 00	3762.6	90	
I 3450	03 41 34	- 30 05 15	1045.6	86	
I 3452	21 01 17	- 25 28 54	2013.6	86	
I 3453	20 59 15	- 24 43 51	1867.0	86	
I 3454	14 21 27	- 18 13 42	2997.9	86	
I 3455	07 17 24	55 51 00	10377.9	101	
I 3456	19 19 12	43 52 00	6360.0	101	
I 3457	00 16 00	16 09 36	5519.0	101	
I 3458	02 55 46	13 07 48	11381.6	67	
I 3464	01 41 24	02 06 00	2570.9	81	
I 3466	02 38 54	06 58 00	5346.4	81	
I 3467	09 15 36	16 31 00	2750.0	81	
I 3468	11 33 48	21 52 00	2282.9	81	
I 3470	09 58 06	72 22 00	904.8	81	
I 3471	11 16 12	62 48 00	1226.0	81	
I 3472	12 22 00	67 41 00	1307.3	81	
I 3473	12 43 30	71 35 59	1375.7	81	
I 3474	07 22 00	- 09 30 00	2003.3	89	
I 3475	08 03 00	24 18 00	1909.3	89	
I 3476	16 00 00	02 06 00	1532.8	89	
I 3477	23 23 00	- 12 24 00	1607.4	89	
I 3478	20 17 07	36 51 00	2103.7	110	
I 3479	06 08 00	22 12 00	2122.9	110	
I 3481	20 18 00	45 00 00	5080.3	78	
I 3482	20 18 00	45 45 00	4588.1	78	

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER	SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC					RA	DEC			
I 3489	13 47 04	- 61 45 53		2811.3	84	I 3626	00 20 30	65 45 00	1212.9	64	
I 3490	18 49 14	00 31 54		3274.7	84	I 3627	00 29 00	65 45 00	1228.6	64	
I 3492	19 10 26	05 12 36		4227.8	84	I 3628	00 37 30	65 45 00	1627.3	64	
I 3495	20 14 10	37 03 45		5169.6	82	I 3629	00 24 45	66 30 00	1980.4	64	
I 3496	13 38 00	- 60 00 00		3171.4	82	I 3630	00 33 15	66 30 00	1772.0	64	
I 3500	14 34 24	- 57 37 11		1532.1	104	I 3633	04 56 41	- 44 55 48	772.6	0	
I 3501	18 55 24	- 37 10 00		2127.5	104	I 3636	11 53 36	72 06 00	631.4	0	
I 3506	20 18 02	20 56 39		1338.4	87	I 3638	21 51 00	- 61 05 59	1320.6	0	
I 3507	20 18 02	20 56 39		8747.4	87	I 3647	16 41 05	- 32 36 00	2717.3	0	
I 3508	20 05 19	17 33 27		3537.7	87	I 3653	22 15 29	- 08 40 12	992.0	0	
I 3509	18 12 48	41 49 58		3636.7	87	I 3655	22 52 48	- 03 31 12	558.4	0	
I 3510	04 20 00	15 30 00		2015.1	97	I 3662	04 31 36	14 41 24	3214.8	97	
I 3511	04 28 43	15 54 00		2077.7	97	I 3663	04 17 05	15 06 00	2725.9	97	
I 3512	04 25 48	16 18 36		2608.0	97	I 3664	04 17 05	15 54 00	2444.9	97	
I 3513	04 25 48	15 30 29		1918.7	97	I 3665	04 17 05	14 17 24	2699.8	97	
I 3514	04 31 36	16 18 36		1438.3	97	I 3666	04 17 05	16 42 36	2940.7	97	
I 3515	04 31 36	15 30 00		1980.4	97	I 3667	04 17 05	17 31 12	6591.0	97	
I 3516	04 22 55	16 42 36		1721.5	97	I 3668	04 20 00	17 55 12	3241.1	97	
I 3517	04 20 31	15 54 00		2372.9	97	I 3670	17 10 37	71 13 01	43173.5	0	
I 3518	04 22 55	15 06 00		1959.6	97	I 3712	06 42 53	44 54 31	6674.9	0	
I 3519	04 20 00	17 06 36		1923.5	97	I 3713	16 01 00	18 17 00	17072.0	0	
I 3520	04 20 00	16 18 36		1166.3	97	I 3714	01 43 49	- 01 01 06	5725.2	0	
I 3521	04 20 00	14 41 24		2600.8	97	I 3716	16 14 03	05 30 47	17981.1	0	
I 3522	04 20 00	13 53 24		3480.0	97	I 3717	14 02 30	04 29 53	9795.0	0	
I 3523	04 22 55	14 17 24		3317.2	97	I 3718	01 43 19	- 01 35 36	5826.4	0	
I 3524	04 25 48	14 41 24		2743.1	97	I 3719	01 40 37	- 30 38 49	9305.8	0	
I 3525	04 28 43	15 06 00		2413.2	97	I 3720	05 37 00	- 28 36 00	23430.4	0	
I 3526	04 28 43	16 42 36		1934.0	97	I 3721	04 20 30	- 38 51 00	20716.1	0	
I 3527	04 25 48	17 06 36		1952.9	97	I 3722	22 04 54	- 40 51 00	4459.1	0	
I 3528	04 22 55	17 31 12		4006.8	97	I 3727	01 46 00	01 42 00	7490.8	0	
I 3529	05 45 23	20 16 00		1307.9	99	I 3747	04 39 00	- 10 50 00	5102.9	0	
I 3530	11 38 24	34 28 48		2441.8	99	I 3748	04 47 00	- 09 10 00	6059.4	0	
I 3531	13 14 19	09 41 24		1240.5	99	I 3749	16 23 58	- 24 19 52	4140.2	115	
I 3532	05 24 25	17 23 00		1227.9	99	I 3753	08 23 07	- 43 07 00	2979.8	1	
I 3533	02 09 29	30 04 12		1432.8	99	I 3754	08 19 25	- 42 14 00	4150.1	1	
I 3534	00 44 41	23 59 24		3086.0	99	I 3755	08 21 52	- 42 27 00	4481.4	1	
I 3535	09 30 05	70 02 59		1953.6	99	I 3756	08 24 19	- 42 40 00	2578.0	1	
I 3536	21 19 29	- 17 03 00		1491.9	99	I 3757	19 18 53	04 31 00	936.9	1	
I 3546	08 24 20	29 28 00		6994.9	57	I 3758	20 44 32	49 30 00	1085.2	1	
I 3547	14 09 30	52 25 58		11835.1	57	I 3759	20 46 39	30 59 00	3052.9	1	
I 3548	16 13 50	31 04 57		16484.0	57	I 3760	20 44 31	30 48 00	3083.5	1	
I 3549	11 48 00	- 00 19 00		1902.4	95	I 3761	20 42 22	30 36 00	2317.6	1	
I 3550	08 45 34	46 28 01		1966.0	81	I 3762	20 40 13	30 25 00	2475.7	1	
I 3551	14 18 00	54 00 00		2073.1	1	I 3763	20 56 09	31 18 00	4321.3	1	
I 3553	06 59 48	63 23 00		1746.6	18	I 3764	20 54 00	31 06 00	2013.8	1	
I 3554	07 14 10	37 12 18		2478.8	18	I 3765	20 51 51	30 55 00	2501.5	1	
I 3555	13 09 19	12 00 00		1502.6	62	I 3766	20 49 42	30 43 00	2123.1	1	
I 3556	01 30 24	- 29 36 00		1970.6	133	I 3767	20 47 33	30 32 00	3245.5	1	
I 3557	04 39 00	- 16 30 00		28412.0	0	I 3768	20 45 24	30 20 00	2511.5	1	
I 3558	04 38 39	- 16 34 59		32721.6	0	I 3769	20 43 15	30 09 00	1595.4	1	
I 3563	04 39 00	- 15 49 59		3325.7	0	I 3770	20 41 07	29 57 00	2079.3	1	
I 3564	04 38 39	- 15 55 01		6134.9	0	I 3771	20 57 02	30 50 00	2686.5	1	
I 3580	15 02 00	21 30 00		7347.4	0	I 3772	20 54 53	30 39 00	2379.1	1	
I 3581	15 02 00	22 30 00		7159.5	0	I 3773	20 52 45	30 27 00	2417.9	1	
I 3582	14 58 00	21 30 00		6092.1	0	I 3774	20 50 36	30 16 00	2379.2	1	
I 3583	14 58 00	22 30 00		7148.9	0	I 3775	20 48 27	30 04 00	4617.3	1	
I 3584	14 54 00	21 30 00		6000.1	0	I 3776	20 46 18	29 52 00	1489.5	1	
I 3585	14 54 00	22 30 00		6651.6	0	I 3777	20 44 09	29 41 00	1946.2	1	
I 3586	14 50 00	21 30 00		7127.4	0	I 3778	20 42 00	29 29 00	2218.7	1	
I 3587	14 50 00	22 30 00		3514.8	0	I 3779	20 58 00	30 22 00	2954.0	1	
I 3593	02 10 00	62 37 00		314.8	66	I 3780	20 55 47	30 11 00	3333.1	1	
I 3594	02 10 55	62 03 00		1500.7	66	I 3781	20 53 38	29 59 00	3216.9	1	
*I 3596	02 16 19	62 45 00		0.0	0	I 3782	20 51 29	29 48 00	974.0	1	
I 3597	02 17 36	62 13 48		1754.9	66	I 3783	20 49 21	29 36 00	1934.2	1	
I 3598	02 12 17	62 34 48		1738.6	66	I 3784	20 47 12	29 25 00	1395.5	1	
I 3621	02 32 00	60 52 00		631.0	64	I 3785	20 45 03	29 13 00	2267.0	1	
I 3622	02 39 00	60 52 00		657.9	64	I 3786	20 56 41	29 43 00	2908.3	1	
I 3623	02 35 30	61 37 00		756.7	64	I 3787	20 54 32	29 32 00	2778.7	1	
I 3624	02 43 00	61 37 00		1688.9	64	I 3788	20 52 23	29 20 00	2234.9	1	
I 3625	02 39 00	62 22 00		2674.9	64	I 3789	20 50 14	29 09 00	1200.7	1	

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER	SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC					RA	DEC			
I 3790	20 48 05	28 57 00		1037.5	1	I 3929	12 32 05	41 26 05	4680.4	154	
I 3791	20 53 17	28 52 00		2547.1	1	I 3930	13 33 10	41 15 20	4292.4	154	
I 3792	20 51 08	28 41 00		1812.3	1	I 3932	13 51 36	40 34 59	3217.6	123	
I 3793	20 48 59	28 29 00		878.7	1	I 3933	13 49 30	39 54 57	4378.1	123	
I 3796	17 27 36	- 37 24 00		1927.1	702	I 3935	13 47 12	40 13 59	5194.6	123	
I 3797	06 14 48	22 45 00		1785.0	0	I 3936	10 48 24	33 09 57	5422.2	123	
I 3798	06 14 12	22 21 00		1887.6	0	I 3937	22 30 13	60 05 18	1251.9	145	
I 3799	06 13 00	22 36 00		1619.8	0	I 3938	22 34 10	59 13 18	1657.2	145	
I 3808	01 37 00	- 68 41 59		465.3	160	I 3939	22 23 24	59 34 24	2011.9	145	
I 3809	12 27 00	- 63 31 47		9596.4	152	I 3940	22 27 28	58 43 06	1250.5	145	
I 3810	04 52 00	30 31 48		11150.8	152	I 3941	11 51 07	- 60 48 23	2793.6	145	
I 3811	17 04 13	54 32 00		1702.2	128	I 3942	11 49 15	- 61 47 11	1577.7	145	
I 3812	17 29 18	52 20 00		1466.8	128	I 3943	11 43 11	- 60 34 35	1917.1	145	
I 3813	21 03 07	43 44 00		3498.7	128	*I 3944	11 41 04	- 61 32 36	0.0	0	
I 3814	21 43 46	22 43 00		2450.2	128	I 3945	15 38 00	- 32 30 00	1104.9	162	
I 3815	04 11 43	26 38 48		1570.9	164	I 3946	15 38 00	- 31 30 00	1350.4	162	
I 3816	04 19 04	19 25 19		2665.0	164	I 3947	15 42 00	- 32 30 00	1255.4	162	
I 3817	05 26 02	11 37 40		2494.3	164	I 3948	15 42 00	- 31 30 00	1715.6	162	
I 3818	04 26 04	26 16 52		2664.8	164	I 3949	15 34 00	- 31 30 00	312.7	162	
I 3819	04 30 54	18 06 32		2643.5	164	I 3950	15 34 00	- 32 30 00	942.4	162	
I 3820	18 17 17	- 10 15 00		2150.1	164	I 3952	03 03 26	15 08 47	12471.3	0	
I 3821	20 57 03	43 53 34		2073.4	164	I 3954	03 12 31	14 17 56	13101.7	0	
I 3823	03 12 00	- 22 46 48		16717.2	149	I 3958	21 42 34	03 48 19	11617.8	0	
I 3826	18 22 46	- 09 36 00		4596.6	153	I 3959	21 55 19	03 34 24	11604.3	0	
I 3828	16 24 00	- 25 30 00		2230.4	115	I 3960	07 34 02	70 29 59	9644.2	0	
I 3829	16 26 00	- 23 00 00		1003.9	115	I 3962	09 06 54	48 26 46	1484.1	138	
I 3830	16 28 00	- 24 30 00		2237.6	115	I 3963	10 01 43	05 27 34	1573.9	138	
*I 3831	16 28 00	- 25 30 00		197.5	115	I 3964	10 20 04	- 10 22 32	2714.8	138	
I 3835	08 07 20	20 55 08		9051.1	113	I 3965	11 28 30	31 30 40	2158.6	138	
I 3839	15 53 24	- 37 40 40		1309.6	134	I 3966	12 08 05	32 13 49	1944.5	138	
I 3840	22 54 08	58 23 59		1832.0	134	I 3967	12 29 48	20 25 00	1672.2	138	
I 3841	05 04 38	30 20 13		1881.1	134	I 3968	13 02 56	- 10 17 17	950.6	138	
I 3842	05 32 21	- 05 59 53		2562.0	134	I 3969	13 32 16	55 16 46	1272.3	138	
I 3843	04 18 50	27 48 03		2065.8	134	I 3970	13 55 57	- 41 38 19	1081.0	138	
I 3872	07 41 48	- 28 18 00		3633.7	153	I 3971	14 25 22	26 45 39	1502.2	138	
I 3886	03 33 22	32 08 37		2127.4	127	I 3972	14 51 18	- 37 35 23	1940.8	138	
I 3888	17 30 13	- 13 02 46		2144.1	127	I 3973	15 12 47	37 01 56	2058.4	138	
I 3890	19 21 42	- 29 20 26		1637.5	146	I 3974	15 25 46	22 43 23	1548.1	138	
I 3891	19 21 42	- 29 20 26		1525.8	146	I 3975	17 21 32	34 20 42	1545.4	138	
I 3892	19 21 42	- 29 20 26		1663.6	146	I 3976	22 01 01	31 31 08	1263.7	138	
I 3893	19 21 42	- 29 20 26		1641.3	146	I 3977	23 05 17	18 45 06	1514.5	138	
I 3894	03 38 23	- 21 29 11		2491.0	146	I 3978	02 05 15	02 28 43	7608.2	147	
I 3895	02 15 14	01 31 00		951.7	146	I 3979	08 48 54	16 23 40	2292.3	147	
I 3897	11 47 44	24 34 34		2757.2	146	I 3980	12 46 29	37 46 50	2771.8	147	
I 3898	14 24 44	24 01 26		1122.8	146	I 3982	13 21 00	29 25 45	2715.9	147	
I 3899	17 49 10	09 39 43		2209.3	146	I 3983	15 23 09	21 24 36	637.0	147	
I 3900	01 18 09	- 27 17 07		822.7	146	I 3984	21 28 02	04 49 04	1910.2	116	
I 3901	08 08 51	01 55 50		2433.3	146	I 3985	05 00 28	01 58 55	1791.0	116	
I 3902	22 33 54	- 14 48 57		1858.5	146	I 3986	16 00 12	33 35 10	1734.3	116	
I 3903	08 59 55	- 14 04 00		1453.6	140	I 3987	19 36 36	- 15 32 30	1559.7	116	
I 3904	08 59 55	- 14 04 00		1227.7	140	I 3988	04 06 35	12 09 50	1841.3	116	
I 3905	08 59 55	- 14 04 00		2833.6	140	I 3989	14 45 28	- 16 07 53	1794.1	116	
I 3906	04 05 27	- 12 19 34		1735.6	140	I 3990	21 49 08	05 38 06	749.3	116	
I 3907	04 05 27	- 12 19 34		1202.3	140	I 3991	15 35 43	00 28 51	3016.1	116	
I 3908	22 51 30	15 52 55		2120.6	140	I 3992	05 39 11	- 05 43 18	1970.0	116	
I 3910	15 24 12	- 13 40 41		1163.9	140	I 3993	07 38 00	31 19 02	2755.1	116	
I 3911	15 24 12	- 13 40 41		1625.0	140	I 3994	04 00 04	25 51 47	2282.8	116	
I 3916	22 29 08	39 06 04		2135.4	158	I 3995	00 56 32	- 00 09 18	2446.0	116	
I 3917	12 51 46	27 53 49		3187.8	158	I 3996	01 35 17	- 24 46 12	3663.2	116	
I 3918	08 44 54	31 58 13		1697.9	158	I 3997	16 55 44	07 45 59	1555.6	116	
I 3919	19 40 22	50 29 00		2741.4	158	I 3998	02 40 19	- 21 45 11	941.5	116	
I 3920	10 02 44	- 07 28 30		2065.0	158	I 3999	00 07 59	17 07 38	1427.3	116	
I 3921	08 49 35	33 36 30		959.4	158	I 4000	21 43 39	- 15 39 35	1016.3	116	
I 3922	12 12 34	33 28 42		1543.6	158	I 4001	10 34 56	- 29 18 30	1576.7	116	
I 3923	16 01 16	17 20 12		1541.5	158	I 4002	11 01 00	- 26 28 40	1591.5	163	
I 3924	04 48 57	51 59 56		1818.3	158	I 4003	01 22 00	- 37 59 00	1039.2	163	
I 3925	01 00 00	- 72 10 58		19972.7	120	I 4004	12 46 38	- 05 42 44	3484.6	163	
I 3926	00 45 00	- 73 29 59		23145.8	120	I 4008	04 20 30	- 38 51 00	687.3	163	
I 3927	11 14 16	18 19 35		16041.8	148	I 4011	04 38 00	- 43 36 00	7387.3	163	
I 3928	08 16 02	52 41 55		4064.2	154	I 4014	05 28 05	- 25 05 43	1821.2	163	

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER	SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC					RA	DEC			
I 4016	13 34 36	28 35 42	1780.5	163	I 4117	16 14 39	15 49 42	1015.7	167		
I 4017	22 25 54	- 05 34 17	670.1	163	I 4119	20 10 25	- 60 15 05	1915.8	167		
I 4020	00 43 40	00 48 06	1624.0	163	I 4128	03 35 38	- 35 51 36	1046.6	155		
I 4021	01 49 17	- 39 42 17	11875.2	163	I 4129	03 34 00	- 36 08 00	3312.7	155		
I 4022	02 26 23	- 03 50 56	1106.6	163	*I 4130	03 29 14	- 36 24 00	0.0	0		
I 4023	13 31 10	17 04 24	2151.2	163	I 4131	07 20 48	- 30 55 12	1464.4	155		
I 4024	22 54 44	02 27 12	10063.9	163	I 4132	07 17 36	- 30 46 48	1306.6	155		
I 4025	10 54 11	- 03 24 15	18322.7	163	I 4133	07 14 24	- 30 37 48	2085.3	155		
I 4029	04 24 48	- 13 09 36	11107.5	163	I 4135	10 11 17	- 47 36 00	4034.0	155		
I 4033	02 42 02	- 41 03 40	19659.5	163	I 4136	10 07 55	- 47 11 24	1421.7	155		
I 4034	13 00 36	- 24 18 30	625.7	163	I 4137	10 53 24	- 66 04 47	1303.8	155		
I 4036	12 37 07	- 10 07 01	1548.4	163	I 4138	10 49 19	- 65 37 12	3000.5	155		
I 4037	12 52 08	11 57 21	2153.4	163	I 4139	10 45 24	- 64 56 59	1026.7	155		
I 4042	22 30 08	11 38 23	3873.8	163	I 4140	11 27 46	- 21 43 48	631.7	155		
I 4043	23 33 40	01 53 00	2613.7	112	I 4143	14 26 26	01 03 36	1461.7	155		
I 4045	12 34 18	13 26 00	1948.1	112	I 4144	14 23 48	01 17 24	3451.0	155		
I 4047	11 00 30	28 15 00	2514.3	112	I 4145	14 21 10	01 31 12	2044.3	155		
I 4049	12 23 06	00 50 00	823.3	112	I 4146	14 47 43	19 34 12	2174.5	155		
I 4052	12 28 18	07 45 00	1657.9	112	I 4147	14 44 55	19 49 12	1958.8	155		
I 4053	16 24 03	26 57 33	2934.3	112	I 4148	14 42 07	20 04 12	2254.9	155		
I 4054	16 33 40	62 44 00	363.4	112	I 4190	14 50 24	16 57 00	4079.2	0		
I 4055	12 09 08	10 46 58	1280.3	112	I 4191	15 02 12	28 37 00	985.1	0		
I 4056	12 23 12	22 51 00	878.0	112	I 4192	15 43 06	36 14 00	4083.6	0		
I 4057	01 39 22	04 27 18	3453.6	141	I 4193	16 26 54	39 38 00	4707.8	0		
I 4058	01 43 56	07 43 48	1139.6	141	I 4194	23 01 00	- 10 52 00	2424.7	0		
I 4059	08 44 59	18 41 30	2336.2	141	I 4199	01 22 31	33 45 55	3652.9	0		
I 4060	15 05 56	22 02 05	1413.7	141	I 4208	17 03 00	60 56 00	3229.2	1		
I 4061	15 19 57	25 45 42	2045.8	141	I 4217	18 33 24	- 07 46 48	3681.2	3		
I 4062	15 27 25	20 49 23	1425.2	141	I 4221	20 31 31	41 05 24	57707.9	0		
I 4063	18 26 26	- 23 18 00	1220.4	5	I 4222	10 38 40	- 59 24 59	4698.9	0		
*I 4064	20 25 33	- 19 13 48	0.0	0	I 4223	10 41 00	- 59 54 59	3960.0	0		
I 4065	19 26 50	- 21 56 24	1157.3	5	I 4224	10 45 40	- 59 54 59	4876.9	0		
I 4066	18 42 20	73 58 48	2274.1	5	I 4228	04 33 13	41 09 50	1919.7	1		
I 4068	17 46 25	- 41 04 00	2457.0	168	I 4229	04 58 58	60 22 19	2342.2	1		
I 4069	17 51 01	- 41 34 00	494.4	168	I 4230	17 24 02	04 10 56	4153.8	1		
I 4070	17 55 42	- 42 04 00	1084.5	168	I 4232	19 48 38	32 47 12	2184.6	1		
I 4071	18 00 27	- 42 32 00	2060.3	168	I 4233	23 04 40	25 11 53	3667.8	1		
I 4072	18 05 16	- 43 01 00	1581.9	168	I 4235	07 50 54	- 26 16 00	6529.8	0		
I 4074	18 02 57	- 41 40 00	983.9	168	I 4236	11 06 24	- 58 00 00	1834.6	0		
I 4075	17 58 15	- 41 12 00	1922.4	168	I 4237	11 35 42	- 63 02 00	8107.1	0		
I 4077	17 14 00	00 00 00	1339.5	168	I 4238	16 06 48	- 48 52 00	2119.4	0		
I 4078	17 14 00	01 00 00	1655.3	168	I 4239	17 58 06	- 22 38 00	3204.6	0		
I 4080	17 44 34	- 39 42 00	1731.0	168	I 4240	18 14 24	- 12 18 00	5218.8	0		
I 4084	03 37 30	- 24 54 06	1342.2	167	I 4241	18 36 54	- 07 33 00	2443.3	0		
I 4085	03 43 46	- 25 12 24	1783.8	167	I 4242	20 23 36	37 23 00	6802.6	0		
I 4086	03 40 00	- 25 30 24	1699.2	167	I 4244	17 40 08	- 39 11 00	1544.9	167		
I 4087	03 36 14	- 25 48 00	2131.8	167	I 4247	00 02 18	- 42 13 00	1284.4	0		
I 4088	03 32 26	- 26 05 12	1132.4	167	I 4248	00 54 36	14 30 00	3716.5	0		
*I 4089	03 28 37	- 26 22 06	0.0	0	I 4249	01 30 30	03 22 00	3100.7	0		
*I 4090	03 24 47	- 26 38 36	0.0	0	I 4250	01 37 12	06 03 00	6389.2	0		
*I 4091	14 26 41	- 61 48 48	0.0	0	I 4251	01 37 44	- 01 05 30	3115.3	0		
I 4093	14 13 11	- 61 01 12	2013.4	167	I 4253	02 07 24	- 39 53 00	5931.5	0		
I 4094	14 06 41	- 60 35 35	2115.7	167	I 4254	03 21 40	- 53 44 40	4300.4	0		
I 4097	14 07 07	- 44 54 30	1294.0	167	I 4256	10 28 10	31 18 21	6595.3	0		
I 4098	14 11 48	- 45 16 06	2076.5	167	I 4258	12 02 09	28 10 54	4175.8	0		
I 4099	14 16 32	- 45 36 54	355.8	167	I 4260	13 09 02	- 05 36 07	4839.5	0		
I 4100	14 21 19	- 45 57 00	1145.6	167	I 4261	13 46 08	- 03 38 04	4158.8	0		
I 4102	16 21 35	05 44 30	1185.9	167	I 4263	15 17 12	23 58 00	1460.5	0		
I 4103	16 18 02	05 55 18	2080.2	167	I 4264	15 56 59	33 31 47	4880.9	0		
I 4104	16 14 29	06 05 54	1629.8	167	I 4265	18 03 36	67 37 00	7125.2	0		
I 4105	16 10 56	06 16 30	1531.8	167	I 4268	23 57 06	- 34 51 53	5966.8	0		
I 4107	16 20 50	09 08 06	1395.3	167	I 4289	11 59 11	- 03 28 46	4070.9	703		
I 4108	16 17 16	09 18 54	1534.1	167	I 4292	23 06 48	- 22 26 00	4577.6	0		
I 4109	16 13 41	09 29 42	1547.2	167	I 4293	23 02 50	- 23 36 00	2736.7	0		
I 4111	16 36 35	14 45 06	1724.6	167	I 4300	12 20 18	16 04 48	857.9	219		
I 4112	16 32 57	14 56 24	2041.3	167	I 4301	12 20 18	16 04 48	1914.4	219		
I 4113	16 29 18	15 07 30	1742.2	167	I 4302	01 40 31	50 26 16	3075.5	70		
I 4114	16 25 39	15 18 24	1689.0	167	I 4303	12 13 12	13 23 00	8710.9	0		
I 4115	16 21 59	15 29 00	2725.7	167	I 4304	12 29 24	14 42 00	10272.0	0		
I 4116	16 18 19	15 39 30	1527.0	167	I 4305	12 19 06	14 53 00	14919.0	0		

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)		LIVE TIME	OBSERVER NUMBER
	RA	DEC		
I 4306	12 16 18	14 42 00	10781.0	0
I 4308	12 27 12	08 16 00	7672.2	0
I 4309	12 31 30	07 58 00	8388.8	0
I 4310	12 31 48	08 28 00	9673.0	0
I 4311	12 23 42	13 14 00	4558.2	0
I 4313	12 33 06	12 40 00	8426.0	0
I 4314	12 34 18	13 26 00	3320.3	0
I 4315	12 35 12	12 05 00	7290.0	0
I 4317	12 34 00	11 37 00	5456.1	0
I 4347	05 51 26	20 15 36	1519.1	99
I 4348	05 21 31	17 19 48	1347.6	99
I 4374	00 55 06	30 04 59	17433.8	0
I 4396	14 22 38	20 13 57	1762.6	163
I 4402	19 35 00	43 56 00	2092.2	118
I 4403	19 44 00	44 46 00	1630.9	118
I 4404	19 47 12	44 08 00	1586.3	118
I 4405	19 49 00	44 55 00	1815.6	118
I 4406	19 52 18	44 18 00	2403.9	118
I 4408	19 14 29	05 05 42	5040.3	0
I 4409	17 55 23	04 33 20	2017.9	0
I 4412	02 33 21	06 39 30	7363.1	0
I 4414	10 08 19	49 42 29	3970.3	0
I 4416	05 26 07	20 47 00	6885.6	0
I 4417	16 23 19	61 37 00	3817.5	0
I 4418	03 05 27	49 25 00	9042.5	0
I 4419	15 41 49	06 34 30	5827.6	0
I 4422	17 44 31	27 45 30	7904.5	0
I 4423	04 10 52	07 35 30	4171.5	0
I 4424	07 06 22	26 19 00	7654.6	0
I 4433	04 48 33	05 31 00	1736.4	0
I 4435	05 15 11	06 54 00	5851.6	0
I 4436	14 36 00	06 37 59	10262.2	0
I 4441	21 28 56	05 47 32	1809.3	208
I 4442	22 03 13	00 33 49	1262.1	208
I 4443	21 41 44	09 38 41	1966.3	208
I 4444	19 49 56	00 52 33	1536.6	208
I 4445	21 42 09	17 07 11	1574.4	208
I 4446	06 40 51	25 10 57	1709.7	208
*I 4447	00 37 39	56 15 49	0.0	0
I 4448	10 44 37	04 09 20	1345.2	208
I 4449	12 31 45	23 07 14	553.4	208
I 4450	14 13 23	19 26 31	1556.9	208
I 4451	04 33 03	16 24 37	1324.9	208
I 4452	00 41 05	18 15 39	1832.0	208
I 4453	07 42 16	28 08 55	2403.4	208
I 4455	11 48 05	02 02 47	1346.9	208
I 4456	08 34 47	65 11 45	617.3	208
I 4457	13 09 33	28 07 52	2495.3	208
I 4458	20 44 11	33 46 55	2114.0	208
I 4470	02 12 05	00 59 57	2676.4	53
I 4476	04 22 55	15 54 00	1527.4	97
I 4477	03 13 25	41 08 27	6378.9	0
I 4478	03 14 57	41 40 30	7995.1	0
I 4490	00 40 19	41 03 46	10695.8	0
I 4493	13 22 30	42 36 00	14803.1	0
I 4496	03 34 13	00 25 29	1523.1	13
I 4497	05 27 34	32 51 22	1563.1	189
I 4498	05 27 34	32 51 22	3664.0	189
I 4499	23 26 21	30 03 18	1515.9	189
I 4500	06 12 35	28 35 18	2860.6	205
I 4502	16 55 53	41 34 48	1314.0	198
I 4503	16 57 17	41 36 36	1826.5	198
I 4504	19 41 06	14 16 00	1237.7	177
I 4505	17 07 36	55 20 00	1697.9	177
I 4507	04 18 45	28 19 14	2248.0	184
I 4508	04 24 00	25 35 43	1715.9	184
I 4509	04 24 01	25 59 36	1733.3	184
I 4510	16 08 41	18 30 53	3411.9	184
I 4511	16 46 26	14 18 22	1627.1	184
I 4512	18 57 47	37 00 57	2427.1	184

SEQ #	Position(1950)		LIVE TIME	OBSERVER NUMBER
	RA	DEC		
I 4513	20 59 31	50 09 45	3657.5	184
I 4514	04 16 08	28 59 24	2678.8	184
I 4515	04 30 35	25 14 27	1987.2	184
I 4516	04 31 52	24 22 51	1964.4	184
I 4517	00 03 30	-34 59 00	4187.9	196
I 4518	00 07 24	-35 59 00	3050.3	196
I 4521	04 13 26	00 55 48	1163.1	178
I 4522	04 39 36	02 04 00	3329.5	178
I 4523	04 45 06	02 13 00	2055.9	178
I 4524	04 42 21	02 07 30	2059.1	178
I 4525	04 52 00	-10 07 00	1341.8	178
I 4526	16 12 30	-06 01 00	1517.3	178
I 4527	16 20 29	25 55 12	1702.6	178
I 4528	16 21 06	24 45 00	1571.9	178
I 4529	16 21 39	25 12 00	1736.2	178
I 4531	16 32 18	05 36 00	1733.0	178
I 4535	03 52 15	30 54 01	2400.7	192
I 4536	03 52 15	30 54 01	2791.8	192
I 4538	01 06 34	61 17 42	1619.0	210
I 4539	02 02 46	62 34 36	3517.6	210
I 4540	02 36 40	61 00 54	593.3	210
I 4541	20 02 38	32 04 14	2500.8	210
I 4542	22 57 09	58 28 45	1576.3	210
I 4543	23 03 41	59 56 31	1649.6	210
I 4544	02 31 51	23 11 40	1385.2	186
I 4545	02 58 35	35 00 31	1871.3	186
I 4546	03 59 09	22 59 41	1539.7	186
I 4547	16 23 29	41 00 24	1123.2	186
I 4548	11 55 21	55 43 57	1282.0	186
I 4549	13 48 23	33 57 15	2125.3	186
I 4550	14 12 19	03 21 47	1486.2	186
I 4551	14 28 55	03 13 48	1929.1	186
I 4552	23 37 30	26 51 23	1692.4	186
*I 4553	11 46 11	59 41 40	0.0	0
I 4557	06 35 06	-62 35 59	1499.6	3
I 4558	22 13 48	55 22 00	1329.2	3
I 4559	05 39 22	-69 13 12	8259.2	1
I 4560	05 35 19	-70 38 23	9100.9	1
I 4561	05 18 41	-69 14 23	9874.4	1
I 4575	04 06 21	-36 05 30	2007.3	167
I 4576	04 02 13	-36 26 06	1938.6	167
I 4577	03 58 03	-36 46 06	2305.9	167
I 4578	03 53 51	-37 05 36	2139.7	167
I 4579	03 49 37	-37 24 30	1650.5	167
I 4580	03 45 21	-37 42 54	2043.1	167
I 4582	18 17 40	-16 15 00	3856.7	193
I 4583	06 06 41	20 30 00	4528.3	193
I 4585	23 11 35	61 12 00	3548.2	193
I 4587	16 19 37	41 15 00	6276.1	5
I 4598	14 02 19	-61 35 59	2688.2	28
I 4599	07 43 12	74 27 00	2066.5	191
I 4600	07 39 36	64 51 00	1339.6	191
I 4601	11 33 30	70 25 00	3154.2	191
I 4602	12 45 58	51 15 21	1183.2	191
I 4603	13 18 14	55 39 39	1494.7	191
I 4604	14 36 42	73 50 00	1340.0	191
I 4605	11 48 52	35 42 32	2975.8	191
I 4606	12 13 16	41 08 45	2099.6	191
I 4607	16 02 04	26 12 43	2112.4	191
I 4608	16 53 06	64 12 00	2075.8	191
I 4609	18 34 30	-06 40 00	10388.8	173
I 4610	18 32 30	-07 25 00	7218.9	173
I 4611	02 58 52	43 30 42	4297.5	182
I 4612	03 57 40	34 34 00	3312.0	182
I 4613	06 28 18	25 03 18	3733.0	182
I 4614	10 18 48	48 46 30	3099.9	182
I 4615	12 04 00	22 32 18	1871.5	182
I 4616	15 03 48	26 12 30	2494.7	182
I 4617	19 20 50	48 00 30	2425.0	182
I 4618	23 55 00	47 09 30	3503.8	182

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 4619	07 03 12	42 35 18	2531.9	182	
I 4620	07 12 42	53 28 30	1815.6	182	
I 4621	09 38 18	39 58 12	3582.2	182	
I 4622	19 05 45	43 56 12	8387.8	197	
I 4623	19 09 20	04 54 00	16512.7	84	
I 4624	06 55 31	- 05 37 00	2033.4	64	
*I 4625	00 28 48	67 12 00	0.0	0	
I 4627	02 30 24	62 24 00	1918.6	64	
I 4645	12 53 36	- 05 31 08	25094.9	0	
I 4646	22 23 11	- 05 12 17	8655.5	0	
I 4647	21 41 13	17 29 49	1165.6	0	
I 4670	17 58 36	- 23 12 00	2092.1	1	
I 4671	17 58 36	- 23 42 00	1651.3	1	
I 4672	17 56 36	- 23 12 00	2893.5	1	
I 4673	17 56 36	- 23 42 00	1302.0	1	
I 4676	06 27 00	- 55 35 00	10925.3	0	
I 4677	06 26 00	- 54 32 00	7450.7	0	
I 4678	17 06 30	78 18 00	13114.1	0	
I 4887	03 13 19	34 28 12	5116.5	179	
*I 4888	16 07 11	45 03 54	157.7	179	
I 4889	15 59 26	29 59 24	3143.2	179	
I 4890	16 23 06	14 08 49	4610.8	179	
I 4891	16 29 10	- 21 21 40	1301.2	179	
I 4892	23 30 17	- 38 20 42	2540.1	179	
I 4893	04 32 54	10 03 36	1883.4	179	
I 4894	05 59 38	09 38 56	1475.5	179	
I 4895	08 55 45	12 03 11	1678.3	179	
I 4896	10 59 40	20 26 53	1728.0	179	
I 4897	14 16 24	- 13 08 31	1745.2	179	
I 4898	20 28 44	62 49 33	969.6	179	
I 4899	22 02 20	64 23 02	584.7	179	
I 4900	03 13 24	- 09 00 14	1696.1	179	
I 4901	03 57 47	- 24 09 25	2621.5	179	
I 4910	18 20 05	23 27 30	5552.9	255	
I 4911	19 21 55	29 34 30	4418.2	255	
I 4912	19 22 03	09 48 00	5526.9	255	
I 4913	19 23 14	50 08 30	4451.9	255	
I 4914	11 03 50	- 68 21 39	393.9	252	
I 4919	01 07 01	59 48 26	1889.6	244	
I 4920	02 08 28	- 63 33 05	1803.4	244	
I 4921	05 37 49	- 09 43 37	2526.3	244	
I 4922	09 27 00	21 36 30	2528.0	244	
I 4923	11 12 13	- 37 25 54	1605.5	244	
I 4924	13 28 10	- 54 43 00	1025.3	244	
I 4925	16 19 38	- 17 45 46	1222.8	244	
I 4926	17 58 48	66 38 00	1381.1	244	
I 4927	18 28 53	- 29 26 00	3415.2	244	
I 4928	19 51 07	77 37 06	2069.0	244	
I 4929	00 17 24	13 36 00	3878.1	273	
I 4930	04 35 10	41 03 42	4081.2	273	
I 4931	06 15 30	- 59 11 00	4467.2	273	
I 4932	08 41 00	26 14 00	1528.9	273	
I 4933	17 09 50	23 04 42	1932.3	273	
I 4934	00 02 28	72 56 23	5194.5	273	
I 4935	01 38 42	- 55 58 00	4048.6	273	
I 4936	10 11 17	57 03 30	3675.9	273	
I 4937	16 45 25	32 33 42	5912.0	273	
I 4938	18 22 01	41 02 12	3613.6	273	
I 4939	00 34 40	35 06 57	1575.2	227	
I 4940	00 54 32	23 09 00	997.9	227	
I 4941	01 36 20	44 07 57	1767.7	227	
I 4942	04 35 58	52 58 58	3684.0	227	
I 4943	07 28 24	- 09 40 12	992.9	227	
I 4944	09 45 18	13 30 36	1227.5	227	
I 4945	09 47 54	04 34 43	1044.0	227	
I 4946	18 50 28	59 19 36	2404.1	227	
I 4948	19 07 17	52 20 42	1660.4	227	
I 4949	11 46 10	59 41 37	2828.1	231	
I 4950	15 53 56	24 35 33	3324.2	231	
I 4951	17 17 56	49 01 49	2643.5	231	

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 4952	17 53 48	18 20 40	2119.4	231	
I 4954	16 57 30	32 39 00	5489.8	233	
I 4958	02 41 45	- 14 04 30	2302.9	179	
I 4959	09 05 02	10 52 16	3344.3	179	
I 4960	18 41 40	55 29 17	2933.5	179	
I 4961	21 10 00	45 48 00	917.2	228	
I 4962	21 11 38	46 31 41	1576.1	228	
I 4963	21 16 00	45 15 00	1844.0	228	
I 4964	21 24 00	45 00 00	2123.1	228	
I 4965	21 24 21	43 48 00	1726.7	228	
I 4966	21 25 00	42 30 00	2134.3	228	
I 4969	00 21 48	- 72 10 58	16240.7	279	
I 4970	13 23 48	- 47 03 00	23830.6	279	
I 4971	18 33 18	- 23 48 00	21287.8	279	
I 4972	03 20 00	- 06 36 00	1815.9	230	
I 4973	03 22 00	- 07 30 00	1811.8	230	
I 4974	03 24 00	- 08 24 00	2357.7	230	
I 4979	12 38 00	- 28 42 00	1783.7	230	
I 4980	12 38 00	- 29 30 00	1500.8	230	
I 4981	13 20 00	- 09 00 00	1286.7	230	
I 4982	13 24 00	- 09 00 00	1158.8	230	
I 4983	13 24 00	- 08 00 00	1335.4	230	
I 4984	13 56 24	- 42 54 00	2128.0	230	
I 4985	14 00 24	- 43 42 00	1937.3	230	
I 4986	14 04 48	- 44 36 00	1303.8	230	
I 4987	14 08 48	- 45 24 00	977.8	230	
I 4988	15 57 36	17 27 00	1491.7	230	
I 4989	15 58 48	16 33 00	1890.6	230	
I 4990	22 51 22	37 40 19	1941.9	256	
I 4991	17 54 24	04 59 31	1100.6	256	
I 4992	11 27 26	30 14 35	1420.9	256	
I 4993	16 38 48	00 36 08	1121.1	256	
I 4994	09 30 07	- 28 24 24	1662.0	256	
I 4995	21 30 21	70 36 07	2068.1	256	
I 5011	22 06 39	45 29 44	4993.8	265	
I 5012	22 06 39	45 29 44	7778.7	265	
I 5013	22 06 39	45 29 44	5093.7	265	
I 5014	22 06 39	45 29 44	4628.9	265	
I 5015	22 06 39	45 29 44	1945.1	265	
I 5016	22 06 39	45 29 44	2171.6	265	
I 5021	00 41 53	40 34 21	7757.5	269	
I 5022	16 01 24	66 56 27	9094.6	269	
I 5024	20 49 02	35 23 38	4042.9	269	
I 5025	04 51 39	02 21 37	1901.7	236	
I 5026	12 01 44	- 62 53 14	2105.3	236	
I 5028	18 50 08	21 21 49	2362.7	236	
I 5031	05 35 15	- 06 43 59	3618.4	266	
I 5033	05 59 07	16 31 15	3031.0	266	
I 5034	06 30 19	10 21 38	2439.7	266	
I 5035	07 02 04	- 10 22 44	3431.6	266	
I 5036	20 18 45	41 12 26	3079.3	266	
I 5037	21 00 59	67 57 55	420.9	266	
I 5038	21 41 45	65 52 54	3212.0	266	
I 5039	21 50 36	47 00 43	1312.2	266	
I 5041	02 48 29	56 43 51	5878.9	274	
I 5042	12 02 43	- 61 46 26	5435.3	274	
I 5044	13 39 34	- 67 08 56	6307.0	274	
I 5045	17 42 40	- 26 09 20	5609.0	274	
I 5046	20 10 01	36 02 49	9545.1	274	
I 5047	05 33 40	- 01 13 54	9990.9	267	
I 5048	05 45 23	- 09 41 12	13553.2	267	
I 5049	03 03 15	67 23 16	1055.4	271	
I 5050	00 08 04	54 36 48	1214.0	271	
I 5052	20 46 06	39 06 06	2761.7	271	
*I 5053	18 15 25	- 66 06 11	196.7	271	
I 5054	04 16 47	42 11 49	613.5	271	
I 5055	18 06 58	- 15 33 42	975.1	271	
I 5056	23 04 51	49 55 19	989.3	271	
I 5057	17 41 16	- 06 15 00	2081.5	271	
I 5058	06 54 48	- 10 45 00	1875.7	271	

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 5059	06 02 45	- 16 29 00	911.1	271	
I 5060	06 27 53	05 54 54	1756.1	271	
I 5061	18 45 36	52 55 00	2967.1	271	
I 5064	10 30 11	09 33 50	5016.0	268	
I 5065	05 54 53	25 56 59	4480.2	268	
I 5066	07 22 07	- 29 12 16	4797.7	268	
I 5067	17 58 08	02 55 57	5441.4	268	
I 5068	06 00 57	20 08 29	3160.2	268	
I 5069	18 02 44	- 50 05 49	3557.9	268	
I 5070	20 47 14	45 55 40	6821.6	268	
I 5071	20 02 57	31 50 45	3091.3	268	
I 5072	22 09 48	59 10 03	1952.3	268	
I 5073	18 10 46	- 21 04 25	2494.8	268	
I 5074	02 23 08	59 39 05	3719.4	268	
I 5075	16 50 39	- 41 44 39	1702.5	268	
I 5076	16 48 04	- 41 08 48	8159.0	268	
I 5077	09 53 14	- 57 29 23	3012.3	268	
I 5088	06 38 13	09 56 00	906.8	253	
I 5089	06 38 13	09 56 00	2052.3	253	
I 5090	06 38 13	09 56 00	1455.4	253	
I 5091	07 16 38	- 24 51 42	2034.1	253	
I 5092	07 16 38	- 24 51 42	1268.2	253	
I 5093	07 16 38	- 24 51 42	2355.1	253	
*I 5094	05 32 59	- 05 56 28	137.1	253	
I 5095	05 32 59	- 05 56 28	1753.1	253	
I 5096	05 32 59	- 05 56 28	2007.1	253	
I 5097	04 49 04	66 15 39	1438.6	253	
I 5098	04 49 04	66 15 39	400.6	253	
I 5099	04 49 04	66 15 39	1529.6	253	
I 5100	05 29 28	- 00 20 04	1366.0	253	
I 5101	05 29 28	- 00 20 04	1604.1	253	
I 5102	05 29 28	- 00 20 04	1692.5	253	
I 5103	16 34 24	- 10 28 00	2069.4	253	
I 5104	16 34 24	- 10 28 00	1859.7	253	
I 5105	16 34 24	- 10 28 00	1649.5	253	
I 5110	08 01 50	- 39 51 41	1503.9	253	
I 5111	08 01 50	- 39 51 41	1908.5	253	
I 5112	08 01 50	- 39 51 41	1183.8	253	
I 5113	08 01 50	- 39 51 41	1894.5	253	
I 5114	00 19 54	01 07 42	4224.2	259	
I 5115	01 45 41	04 16 18	3283.5	259	
I 5116	03 40 51	04 48 20	8200.4	259	
I 5117	11 57 11	01 28 51	3608.6	259	
I 5118	02 25 35	- 01 29 04	6421.2	240	
I 5120	07 16 14	71 26 15	2819.3	239	
I 5121	18 03 39	78 27 49	2447.2	239	
I 5122	20 07 20	77 43 59	3116.4	239	
I 5123	00 51 02	29 08 49	6858.0	249	
I 5124	01 19 56	- 04 37 07	1303.8	249	
I 5125	08 24 22	11 02 19	3999.2	249	
I 5126	10 38 41	06 25 58	1539.6	249	
I 5127	12 29 26	- 02 07 32	1686.6	249	
I 5128	13 11 22	36 16 30	6215.5	249	
I 5129	17 56 56	23 43 55	3416.5	249	
I 5130	21 45 36	06 43 41	1557.3	249	
I 5131	22 23 15	21 02 50	3846.6	249	
I 5141	00 26 35	34 39 55	5410.1	246	
I 5142	02 29 27	34 10 30	6119.3	246	
I 5143	14 13 34	13 34 18	5354.4	246	
I 5144	22 55 05	41 38 14	6575.8	246	
I 5147	15 12 31	- 58 01 11	2017.2	242	
I 5148	15 49 55	- 54 13 48	2718.4	242	
I 5150	16 18 00	- 50 10 12	2307.8	242	
I 5152	11 17 40	13 52 06	12680.4	241	
I 5153	12 14 59	38 05 12	13735.1	241	
I 5155	08 32 16	28 38 48	11673.0	247	
I 5156	07 05 10	15 15 33	11842.1	247	
I 5157	01 16 26	- 28 54 00	7987.1	248	
I 5158	20 06 00	- 21 30 00	3518.2	248	
I 5159	23 11 07	- 49 55 48	7271.4	248	

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 5163	02 00 10	- 09 00 14	5134.8	5	
I 5166	04 10 04	- 62 48 00	9189.9	0	
I 5167	05 59 14	- 40 03 00	7253.3	0	
I 5169	06 22 04	- 64 59 00	8651.5	0	
I 5170	07 39 54	09 30 00	12978.5	0	
I 5173	21 03 41	- 39 53 00	6144.3	0	
I 5174	03 27 48	43 44 06	20391.6	244	
I 5175	19 35 20	21 10 00	40601.5	3	
I 5178	00 32 40	53 53 30	1054.4	222	
I 5179	01 51 27	- 10 35 00	4820.3	222	
I 5181	02 39 05	39 58 30	2650.5	222	
I 5183	06 01 04	23 16 00	4372.0	222	
I 5184	07 58 00	57 24 30	4329.1	222	
I 5185	08 49 35	08 15 18	3480.7	222	
I 5186	09 05 52	26 50 30	804.4	222	
I 5188	10 06 40	82 00 20	4045.4	222	
I 5189	11 15 31	31 49 00	1893.2	222	
I 5190	11 45 24	20 29 30	2439.3	222	
I 5191	16 00 57	58 42 03	1468.3	222	
I 5192	17 12 58	24 53 30	1500.1	222	
I 5193	18 21 04	72 42 30	2022.1	222	
I 5194	18 28 32	20 47 00	8149.1	222	
I 5196	19 05 42	16 46 30	2428.4	222	
I 5197	19 17 53	- 05 30 30	3773.6	222	
I 5201	21 56 00	- 30 28 00	9054.4	257	
I 5202	21 56 00	- 30 28 00	6811.7	257	
I 5204	13 09 24	32 28 00	4211.7	260	
I 5205	13 09 24	32 28 00	3444.3	260	
I 5207	11 01 39	38 28 43	1044.6	232	
I 5208	11 01 39	38 28 43	3127.8	232	
I 5210	16 52 12	39 50 06	4545.5	232	
I 5211	16 52 12	39 50 06	2118.4	232	
I 5213	18 06 24	- 66 06 57	1914.0	280	
I 5215	00 15 06	50 54 57	4823.1	281	
I 5216	21 55 12	63 22 58	843.2	281	
I 5217	16 38 00	- 42 54 00	4949.8	281	
I 5219	20 30 36	41 07 58	5486.8	281	
I 5220	18 22 42	- 12 43 59	4947.5	281	
I 5222	20 40 06	18 58 59	1894.4	276	
I 5223	19 17 54	- 00 13 59	1618.2	276	
I 5224	19 46 00	27 01 59	1982.3	276	
I 5226	07 30 19	65 59 43	4411.7	215	
I 5227	07 31 35	65 19 53	1833.7	215	
I 5228	08 46 22	51 19 39	1899.7	215	
I 5229	09 27 53	21 42 34	991.0	215	
I 5230	10 58 20	72 41 45	2872.6	215	
I 5231	11 23 49	43 26 07	8318.7	215	
I 5232	11 57 37	53 17 28	4308.2	215	
I 5233	12 21 21	75 53 06	2896.3	215	
I 5247	01 40 00	- 66 00 00	1771.5	160	
I 5248	01 32 00	- 69 29 59	1940.7	160	
I 5250	03 31 11	- 05 15 24	968.7	216	
I 5251	09 57 11	- 22 35 06	1640.6	216	
I 5252	14 29 28	- 43 57 12	1541.2	216	
I 5253	20 14 50	- 44 57 24	1567.5	216	
I 5254	20 48 12	- 57 15 12	2087.1	216	
I 5255	13 22 56	- 29 34 18	2266.4	216	
I 5256	14 39 37	- 17 02 18	1493.7	216	
I 5257	01 32 55	- 41 41 24	1697.1	216	
I 5258	04 01 54	- 43 33 00	1984.7	216	
I 5259	23 13 25	- 42 51 30	2056.5	216	
I 5272	20 49 00	29 30 00	9918.4	105	
I 5273	20 45 00	30 30 00	6437.1	105	
I 5275	19 38 27	16 33 47	5387.7	254	
I 5276	06 59 44	- 27 51 44	3078.0	254	
I 5280	21 26 26	- 15 51 51	4662.3	0	
I 5281	08 40 39	47 55 00	2099.7	0	
I 5282	19 06 00	05 00 00	15552.7	0	
I 5288	10 15 40	- 58 40 30	1885.6	0	
I 5292	16 11 48	- 50 33 18	2173.7	0	

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 5296	19 15 45	12 04 06	1314.7	0	
I 5304	06 16 08	13 38 00	1235.2	0	
I 5305	06 18 51	14 33 36	2041.6	0	
I 5306	06 22 55	14 42 29	2177.6	0	
I 5307	06 42 36	05 34 43	3316.8	0	
I 5308	07 19 57	- 18 42 12	3844.4	0	
I 5309	09 18 07	- 53 27 21	1818.7	0	
I 5311	10 30 51	- 59 02 31	2637.0	0	
I 5312	11 10 37	- 59 31 07	2599.6	0	
I 5313	12 19 05	- 63 50 48	3068.5	0	
I 5314	13 39 33	- 61 09 57	3687.1	0	
I 5319	17 49 32	- 22 29 36	4995.5	0	
I 5320	18 19 43	- 09 40 25	3585.4	0	
I 5321	19 15 22	06 15 47	3313.3	0	
I 5334	00 52 11	25 09 23	1471.7	0	
I 5335	01 57 17	00 09 14	1135.5	0	
I 5336	08 03 17	76 13 49	1303.4	0	
I 5337	08 44 34	34 56 05	1659.2	0	
I 5339	11 16 31	21 35 44	1887.7	0	
I 5341	12 11 45	14 19 56	1795.4	0	
I 5343	12 41 37	17 36 55	2597.5	0	
I 5344	13 07 16	08 35 42	2148.9	0	
I 5347	14 16 22	- 12 56 47	1951.9	0	
I 5348	14 26 34	01 30 37	2033.8	0	
I 5350	16 17 56	17 31 33	896.6	0	
I 5351	16 34 51	70 37 28	1767.6	0	
I 5354	01 17 34	21 18 01	1330.3	0	
I 5355	11 15 41	08 02 22	1529.4	0	
I 5356	11 38 44	04 03 54	2930.9	0	
I 5360	00 03 25	15 53 03	5165.8	0	
I 5361	00 14 16	16 41 57	1517.2	0	
I 5362	00 44 31	03 03 35	555.7	0	
I 5363	08 38 04	77 01 43	866.5	0	
I 5364	08 42 45	16 16 44	2453.8	0	
I 5365	09 23 06	20 07 06	1599.9	0	
I 5367	10 08 30	13 19 07	2025.0	0	
I 5369	10 48 59	- 09 02 13	1779.4	0	
I 5374	12 16 48	06 55 26	1407.8	0	
I 5375	12 54 27	04 43 49	1904.5	0	
I 5376	13 33 37	17 40 31	2673.3	0	
I 5377	13 52 13	18 20 00	2669.3	0	
I 5378	13 52 25	01 06 56	2115.2	0	
I 5379	14 02 59	26 09 59	3132.9	0	
I 5380	14 04 03	22 37 59	2686.5	0	
I 5381	14 07 08	26 32 33	1556.7	0	
I 5382	14 35 37	- 06 45 22	2066.0	0	
I 5383	15 19 02	22 38 22	1822.0	0	
I 5384	15 52 19	08 31 02	1697.6	0	
I 5385	16 13 33	65 51 26	793.6	0	
I 5386	22 33 39	13 28 14	1162.4	0	
I 5387	23 49 21	- 01 26 14	1762.2	0	
I 5388	02 05 24	- 37 56 00	4277.4	0	
I 5389	02 54 36	- 40 25 00	408.2	0	
I 5390	12 54 17	35 54 00	30711.8	0	
I 5391	12 57 44	35 54 00	40119.2	0	
I 5392	13 01 12	35 54 00	38714.4	0	
I 5393	00 38 24	- 02 02 42	9482.5	0	
I 5394	01 12 44	- 01 42 54	13968.4	0	
I 5396	14 02 12	- 01 16 06	6568.2	0	
I 5397	15 46 57	02 45 54	5457.3	0	
I 5401	03 12 56	- 77 03 00	2119.9	0	
I 5404	06 37 23	- 75 13 37	1371.2	0	
I 5405	09 59 59	- 44 23 25	1381.6	0	
I 5406	10 04 25	- 21 44 44	1150.6	0	
I 5407	10 11 12	- 28 16 32	1858.7	0	
I 5408	10 50 07	- 18 29 21	1737.1	0	
I 5411	11 46 24	- 03 47 30	1706.3	0	
I 5412	12 07 00	- 39 59 31	1344.8	0	
I 5413	14 48 09	- 23 17 10	1992.6	0	
I 5417	00 26 38	12 59 29	2201.6	0	

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 5418	00 54 36	14 30 00	11735.1	0	
I 5419	01 33 40	20 42 16	13009.7	0	
I 5421	11 37 09	66 04 27	10427.1	0	
I 5423	12 17 38	02 20 21	1502.4	0	
I 5424	12 19 30	75 35 00	13112.9	0	
I 5425	16 35 26	11 55 41	7427.8	0	
I 5426	21 35 01	- 14 46 27	12901.7	0	
I 5428	00 10 39	14 54 20	1848.4	0	
I 5430	00 17 29	- 65 10 07	1424.6	0	
I 5433	00 45 05	05 01 00	1397.7	0	
I 5443	02 06 34	34 45 06	4186.8	0	
I 5448	02 42 46	- 18 46 59	871.4	0	
I 5450	02 59 40	03 53 41	7220.6	0	
I 5453	03 25 36	- 19 59 00	3548.8	0	
I 5455	03 34 19	00 14 40	3954.5	0	
I 5457	03 41 54	23 57 28	2931.0	0	
I 5458	03 42 51	24 12 47	4511.5	0	
I 5460	03 54 57	- 01 18 00	884.7	0	
I 5470	04 58 20	- 05 49 00	3591.0	0	
I 5471	05 05 23	- 05 08 58	3804.5	0	
I 5473	05 12 08	- 08 15 29	2504.3	0	
I 5475	05 21 58	- 02 26 29	6633.8	0	
I 5480	05 34 39	21 06 50	5560.9	0	
I 5482	05 54 08	- 14 10 32	2590.4	0	
I 5484	06 23 14	18 47 00	1721.3	0	
I 5485	06 26 51	- 02 46 12	3662.1	0	
I 5488	06 48 42	- 50 33 16	3010.9	0	
I 5490	06 49 52	- 05 07 00	1626.5	0	
I 5493	07 06 39	38 37 30	3238.2	0	
I 5494	07 12 09	- 46 41 00	8185.2	0	
I 5495	07 12 47	- 26 41 05	987.9	0	
I 5498	07 24 43	05 22 42	2163.2	0	
I 5500	07 55 30	- 52 50 51	2357.2	0	
I 5501	08 21 29	- 59 20 52	1993.8	0	
I 5504	08 49 37	28 31 00	19154.5	0	
I 5506	08 52 46	06 08 00	2209.6	0	
I 5507	08 55 48	48 14 00	1572.8	0	
I 5512	09 27 19	05 52 00	2338.6	0	
I 5516	09 39 59	- 23 41 24	31042.0	0	
I 5517	09 45 51	- 64 50 00	1570.3	0	
I 5527	10 27 14	56 15 00	2293.4	0	
I 5528	10 41 10	- 64 07 59	3028.4	0	
I 5534	11 38 37	- 44 08 00	2472.6	0	
I 5537	11 55 27	- 27 25 00	3212.7	0	
I 5538	12 05 50	- 24 27 00	2865.2	0	
I 5539	12 09 10	- 01 10 42	7137.6	0	
*I 5544	12 39 08	- 01 11 00	0.0	0	
I 5545	12 59 27	- 01 49 00	4881.6	0	
I 5546	13 15 47	18 02 02	20026.3	0	
I 5547	13 34 13	03 57 00	12627.9	0	
I 5549	13 44 54	17 42 00	2763.0	0	
I 5554	14 03 03	64 37 00	5610.2	0	
I 5557	14 19 48	29 52 00	3524.4	0	
I 5559	14 23 30	52 05 00	5479.1	0	
I 5562	14 32 30	29 57 41	1027.8	0	
I 5564	14 40 25	- 05 26 00	4735.9	0	
I 5565	14 42 48	27 17 00	6052.2	0	
I 5567	14 50 51	74 20 59	2477.2	0	
I 5571	15 16 50	- 07 32 24	2094.8	0	
I 5576	15 44 01	07 30 30	16633.1	0	
I 5578	15 54 09	15 49 00	3629.1	0	
I 5580	16 02 32	- 19 40 00	3982.6	0	
I 5581	16 11 43	- 03 34 00	3261.1	0	
I 5583	16 23 19	61 37 00	2448.0	0	
I 5584	16 28 04	21 35 00	4104.8	0	
I 5593	17 08 39	65 46 00	1908.0	0	
I 5597	17 15 15	- 46 35 00	10193.9	0	
I 5599	17 17 19	- 05 52 00	18010.2	0	
I 5602	17 23 16	02 10 00	1869.9	0	
I 5605	17 34 44	- 15 22 00	5649.0	0	

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 5606	17 36 42	68 23 06	1742.9	0	
I 5616	18 18 43	- 02 54 00	5369.0	0	
I 5619	18 42 12	59 33 18	1048.9	0	
I 5621	18 43 30	20 30 00	10257.2	0	
I 5626	19 12 33	67 35 00	10854.1	0	
I 5631	19 32 28	69 34 59	2414.0	0	
I 5632	19 35 07	50 06 00	2096.4	0	
I 5633	19 43 25	45 01 00	2137.4	0	
I 5636	20 08 43	- 00 58 00	2887.9	0	
I 5637	20 12 10	- 27 11 00	1739.8	0	
I 5638	20 18 13	- 14 56 00	3177.7	0	
I 5640	20 35 13	14 26 00	5356.8	0	
I 5645	21 13 20	05 03 00	5743.3	0	
I 5646	21 14 20	- 39 03 42	1614.2	0	
I 5648	21 23 49	- 22 38 00	4493.8	0	
I 5650	21 30 14	- 49 13 12	1725.8	0	
I 5652	21 59 33	- 56 59 34	4688.0	0	
*I 5654	22 04 41	25 05 00	0.0	0	
I 5657	22 35 45	- 15 35 36	2596.8	0	
I 5660	23 02 17	14 56 00	2472.0	0	
I 5661	23 02 39	- 36 08 30	1882.6	0	
I 5666	23 37 23	05 21 30	3460.4	0	
I 5667	23 46 36	02 08 12	3824.3	0	
I 5669	23 56 45	06 36 00	4467.5	0	
I 5670	23 59 24	- 06 17 00	2151.8	0	
I 5671	21 42 30	42 02 00	2201.4	276	
I 5688	17 04 00	60 48 00	38084.9	1	
I 5689	18 07 18	69 49 12	19709.0	1	
I 5690	18 45 53	79 42 48	18884.8	1	
I 5691	02 35 53	16 24 04	1566.6	1	
I 5692	12 26 33	02 19 42	3910.7	1	
I 5693	22 00 39	42 02 08	4179.5	1	
I 5694	16 41 18	39 54 11	3280.4	1	
I 5695	07 35 14	17 49 09	34962.0	1	
I 5697	02 05 53	- 01 01 57	1173.0	1	
I 5698	02 56 47	07 35 45	4669.3	1	
I 5699	04 54 02	- 22 03 56	736.1	1	
I 5705	14 07 32	02 17 16	1690.7	1	
I 5706	14 53 20	17 01 27	1532.4	1	
I 5708	15 32 20	01 41 02	4875.3	1	
I 5712	21 21 30	24 52 16	9044.0	1	
I 5716	17 03 00	60 59 34	4112.3	1	
I 5717	12 58 35	34 22 59	3531.4	1	
I 5719	16 06 10	28 57 11	7365.0	1	
I 5720	16 23 10	26 57 25	7853.9	1	
I 5721	12 28 44	07 41 53	27849.3	1	
I 5726	04 17 00	- 55 48 00	738.7	1	
I 5727	04 40 00	08 31 00	4630.1	1	
I 5728	08 15 00	- 07 26 00	11272.0	1	
I 5730	13 29 24	- 31 26 00	6222.7	1	
I 5731	13 34 12	59 29 00	4091.9	1	
I 5733	15 40 48	66 23 00	4830.3	1	
I 5734	20 08 00	- 82 11 59	1917.6	1	
I 5735	20 09 06	- 56 57 00	6248.7	1	
I 5742	23 03 00	- 44 36 00	4023.4	1	
I 5744	23 48 18	08 52 00	5859.7	1	
I 5745	23 57 00	- 59 00 00	4035.9	1	
I 5766	00 44 39	- 21 02 00	10225.0	1	
I 5768	01 28 50	- 07 07 36	3555.9	1	
I 5769	01 50 34	- 13 59 06	4477.1	1	
I 5771	02 25 04	- 01 22 42	5632.3	1	
I 5776	03 29 10	- 33 44 54	2723.4	1	
I 5777	03 34 31	- 35 08 24	1585.0	1	
I 5782	04 20 58	- 57 05 24	1461.7	1	
I 5789	09 04 28	- 15 17 54	5746.2	1	
I 5790	09 15 36	- 22 08 48	5905.5	1	
I 5791	09 17 48	- 16 08 48	6587.3	1	
I 5793	10 45 30	14 15 07	6112.1	1	
I 5796	10 57 40	14 10 12	2017.1	1	
I 5797	11 12 00	13 05 24	4823.0	1	

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 5799	11 39 24	- 05 52 42	1742.5	1	
I 5800	11 48 30	- 28 31 42	4464.6	1	
I 5801	12 04 06	- 29 28 54	6560.9	1	
I 5803	12 14 19	69 45 00	13484.8	1	
I 5807	13 16 12	- 20 46 36	4265.4	1	
I 5830	05 53 14	- 68 41 59	880.3	1	
I 5833	05 53 22	- 69 41 59	4407.6	1	
I 5834	05 53 18	- 70 12 00	3430.4	1	
I 5835	05 59 13	- 70 12 00	1663.4	1	
I 5836	04 55 48	- 70 41 59	1685.7	1	
I 5837	05 01 51	- 70 41 59	1406.0	1	
I 5838	05 13 57	- 70 41 59	2987.1	1	
I 5839	05 50 15	- 70 41 59	1265.3	1	
I 5840	05 56 18	- 70 41 59	2838.1	1	
I 5841	06 02 21	- 70 41 59	2049.2	1	
I 5842	05 14 02	- 71 12 00	1025.9	1	
I 5843	05 20 14	- 71 12 00	1999.7	1	
I 5844	05 45 03	- 70 12 00	1652.4	1	
I 5845	05 51 15	- 71 12 00	2114.8	1	
I 5846	05 57 27	- 71 12 00	2097.8	1	
I 5847	05 14 00	- 71 42 00	1393.7	1	
I 5848	05 20 22	- 71 42 00	3128.3	1	
I 5849	05 26 44	- 71 42 00	4051.7	1	
I 5850	05 33 07	- 71 42 00	1466.7	1	
I 5851	05 39 30	- 71 42 00	1978.5	1	
I 5852	05 45 52	- 71 42 00	1159.7	1	
I 5853	05 13 48	- 72 11 59	1733.4	1	
I 5854	05 20 21	- 72 11 59	2844.7	1	
*I 5855	05 26 53	- 72 11 59	188.3	1	
I 5856	05 33 26	- 72 11 59	336.5	1	
I 5857	05 39 58	- 72 11 59	1319.3	1	
I 5858	05 46 31	- 72 11 59	2167.3	1	
I 5859	04 56 00	- 68 43 08	6831.6	1	
I 5860	05 00 09	- 70 14 14	6126.8	1	
I 5861	05 19 08	- 69 41 39	4395.1	1	
I 5862	05 22 30	- 67 56 58	5989.9	1	
I 5884	05 21 10	- 68 30 00	6164.5	1	
I 5886	05 25 45	- 69 35 59	2928.8	1	
I 5898	12 09 43	- 52 26 35	2096.1	1	
I 5899	12 11 31	- 52 01 36	1976.3	1	
I 5900	12 08 48	- 51 45 00	1935.8	1	
I 5901	12 05 12	- 52 34 59	2047.3	1	
I 5903	12 04 17	- 51 53 24	473.4	1	
I 5904	12 02 29	- 52 18 23	1449.5	1	
I 5905	19 27 15	18 23 00	8099.5	1	
I 5906	23 59 48	62 11 00	1468.2	1	
I 5919	03 55 00	54 04 58	18041.9	1	
I 5921	10 55 49	- 52 10 46	11758.2	1	
I 5922	19 16 00	14 40 00	8491.3	1	
I 5923	19 29 51	10 53 03	12810.9	1	
I 5926	14 51 29	- 68 31 29	5035.2	1	
I 5927	14 51 29	- 68 31 29	6419.6	1	
I 5928	06 11 15	22 31 42	4612.4	1	
I 5929	08 23 50	26 47 10	8198.9	1	
I 5932	06 56 28	64 18 00	8435.4	1	
I 5933	08 09 03	74 38 12	12177.9	1	
I 5934	09 50 30	08 00 00	5431.9	1	
I 5935	17 02 41	- 18 55 00	13657.5	1	
I 5936	15 52 32	- 23 35 00	9716.4	1	
I 5938	11 33 27	16 07 34	3379.4	1	
I 5941	16 12 45	- 29 45 00	2610.2	1	
I 5943	16 48 39	- 17 05 00	2490.6	1	
I 5945	17 00 56	- 18 40 00	3721.6	1	
I 5949	22 17 41	63 03 45	12547.2	1	
I 5951	00 08 52	- 11 45 30	1688.9	1	
I 5952	23 47 30	26 39 20	1242.7	1	
I 5955	05 49 40	- 05 25 34	1890.3	1	
I 5956	13 04 52	- 65 02 21	3471.0	1	
I 5959	18 05 28	- 21 15 41	4185.4	1	
I 5960	18 16 20	- 11 39 25	7591.5	1	

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)						LIVE TIME	OBSERVER NUMBER
	RA			DEC				
I 5963	20	12	40	36	30	02	4379.1	1
I 5970	06	08	50	- 20	11	53	10178.3	1
I 5972	07	07	52	- 16	09	31	2785.2	1
I 5976	20	28	45	11	21	46	5202.0	1
I 5983	03	43	37	41	17	12	1317.8	1
I 5984	05	14	17	79	10	41	3220.7	1
I 5985	09	45	22	46	15	18	3511.5	1
I 5986	18	53	12	04	12	06	3286.4	1
I 5987	22	54	10	16	17	24	2854.8	1
I 5988	00	52	19	23	49	54	2801.4	1
I 5989	06	38	12	24	00	36	4973.6	1
I 5990	12	58	19	12	38	42	3126.5	1
I 5991	14	52	08	16	18	18	1786.8	1
I 5992	17	02	44	00	46	30	3477.3	1
I 5993	20	03	20	38	20	00	2098.5	1
I 5995	20	34	00	40	02	30	5063.9	1
I 5996	04	42	20	39	51	30	2704.2	1
I 5997	15	57	22	- 22	28	30	2754.4	1
I 5999	06	56	40	28	54	00	9223.8	1
I 6000	17	38	02	46	02	30	2768.8	1
I 6003	03	44	30	23	57	30	2458.3	1
I 6004	02	14	43	- 51	45	30	2439.9	1
I 6005	00	34	00	33	26	00	2057.3	1
I 6007	07	57	00	- 49	06	00	2017.7	1
I 6012	00	17	54	28	22	00	1959.0	0
I 6018	03	43	42	- 24	27	00	2962.0	0
I 6020	08	36	12	29	02	00	6061.4	0
I 6021	08	57	48	16	28	00	3080.7	0
I 6023	10	11	24	- 00	40	00	2125.2	0
I 6025	10	20	06	19	36	00	2273.6	0
I 6034	12	56	12	- 01	30	00	3326.7	0
I 6037	13	59	54	- 04	37	00	2242.7	0
I 6039	14	52	12	18	50	00	4158.2	0
I 6042	17	19	54	78	05	00	3373.7	0
I 6044	21	48	24	02	03	00	5011.5	0
I 6045	22	07	42	- 12	26	00	7135.0	0
I 6054	12	37	32	- 40	36	34	12295.4	0
I 6055	12	40	29	- 40	29	20	14814.4	0
I 6056	12	41	00	- 41	16	37	11986.1	0
I 6057	12	44	30	- 41	20	49	8183.8	0
I 6059	12	49	37	- 40	58	19	2106.8	0
I 6060	11	42	30	19	47	00	10511.2	0
I 6063	06	30	30	- 52	00	00	6958.8	0
I 6064	06	25	00	- 55	18	00	12039.8	0
I 6065	06	23	00	- 56	54	00	3773.3	0
I 6069	15	45	06	21	04	00	12809.9	0
I 6071	21	59	24	- 10	09	00	12851.6	0
I 6076	14	50	24	16	57	00	4358.2	0
I 6077	14	24	30	16	54	00	14135.7	0
I 6079	10	58	18	10	50	00	9433.1	0
I 6080	01	24	12	18	56	00	5535.3	0
I 6083	01	12	36	- 00	02	00	12081.0	0
I 6084	01	23	00	- 01	46	00	9444.2	0
I 6085	02	55	00	05	50	00	10473.5	0
I 6088	01	07	40	- 46	13	00	5461.1	0
I 6097	09	34	24	- 04	47	00	11039.4	0
I 6098	10	17	54	- 07	38	00	12086.9	0
I 6100	11	08	12	28	57	00	11459.0	0
I 6101	11	44	24	56	01	00	5996.7	0
I 6104	15	10	18	07	37	00	9226.3	0
I 6105	18	42	00	- 63	21	59	16954.2	0
I 6108	23	49	37	- 28	28	00	9870.4	0
I 6114	10	34	30	- 27	16	00	10440.8	0
I 6118	08	55	18	03	23	00	4925.2	0
I 6120	11	32	06	49	20	00	6406.9	367
I 6123	13	09	00	- 01	06	00	6334.5	0
I 6124	14	33	54	55	22	00	8819.1	0
I 6128	02	49	06	- 25	07	00	6039.3	0
I 6129	03	04	24	- 12	15	00	4176.8	0
I 6134	23	22	00	14	22	00	3827.7	0

SEQ #	Position(1950)						LIVE TIME	OBSERVER NUMBER
	RA			DEC				
I 6135	01	08	18	17	24	00	4399.0	0
I 6155	02	26	54	- 67	17	59	1660.7	0
I 6173	12	54	48	- 30	06	57	3171.5	0
I 6208	22	25	06	- 30	49	58	1955.3	0
I 6218	23	16	12	- 42	16	01	1899.4	0
I 6220	23	27	42	- 35	13	00	1460.6	0
I 6232	04	36	48	- 22	12	00	9064.7	0
I 6244	11	45	42	71	43	00	1546.0	0
I 6253	13	59	00	- 11	23	00	698.3	0
*I 6266	18	00	18	69	13	00	0.0	0
I 6267	18	34	12	71	00	00	574.7	0
I 6268	18	50	12	70	20	00	712.7	0
I 6269	18	53	48	68	18	00	3159.0	0
I 6271	20	45	24	- 18	01	00	1557.3	0
I 6279	01	19	06	19	14	00	1760.5	0
I 6293	11	29	24	56	19	00	6587.5	0
I 6297	00	54	00	- 72	31	59	23349.4	120
I 6300	05	36	50	- 70	40	36	12590.3	170
I 6301	05	43	13	- 68	58	19	22483.8	170
I 6302	05	11	33	- 67	08	59	14397.9	170
I 6303	05	26	55	- 68	52	30	11404.2	170
I 6304	05	31	00	- 67	35	59	8605.3	170
I 6305	06	34	24	- 20	34	00	4368.2	0
I 6306	07	45	36	56	03	00	2743.6	0
I 6308	01	04	36	32	08	00	6251.7	0
I 6309	12	16	48	06	07	00	6905.9	0
I 6311	03	56	10	10	17	32	6395.4	0
*I 6313	05	12	59	24	55	07	0.0	0
I 6315	09	17	51	45	51	44	878.7	0
I 6317	14	41	25	52	14	20	6745.4	359
I 6318	14	48	18	63	28	36	5425.3	0
I 6319	16	15	47	32	29	45	6412.0	0
I 6322	08	02	35	24	18	28	5888.9	0
I 6327	13	50	03	31	41	32	4689.3	0
I 6328	16	41	35	17	21	19	3149.1	0
I 6329	18	36	13	17	09	07	19368.0	0
I 6330	21	17	03	60	35	27	6447.4	0
I 6338	02	04	48	16	58	00	4016.6	0
I 6339	02	14	24	14	19	00	5396.1	0
I 6344	10	42	12	06	52	00	3389.0	0
I 6348	11	37	48	28	40	00	6037.3	0
I 6349	11	39	42	16	18	00	3111.1	0
I 6361	14	31	24	05	40	00	5286.0	0
I 6363	14	50	06	43	56	00	1188.6	0
I 6365	15	07	42	52	44	00	1147.4	0
I 6366	15	47	30	12	33	00	12986.1	0
I 6367	23	48	48	19	49	00	5642.0	0
I 6369	03	31	12	- 05	06	00	6700.4	0
I 6371	10	42	17	56	13	36	3296.9	0
I 6373	17	12	18	- 62	45	48	3113.0	0
I 6376	09	43	18	- 14	05	44	7704.9	0
I 6380	05	51	10	46	25	55	1329.4	0
I 6385	23	17	12	- 42	20	00	9767.8	0
I 6402	19	36	54	- 31	03	00	1857.1	0
I 6404	09	10	54	- 64	39	00	990.0	0
I 6407	15	00	54	- 32	53	00	2832.3	0
*I 6408	16	14	06	- 22	52	00	259.9	0
*I 6411	17	01	30	- 24	41	00	0.0	0
I 6413	17	16	12	- 18	28	00	1502.3	0
I 6417	17	59	06	- 08	57	00	1049.7	0
I 6419	18	01	36	- 30	04	00	1311.5	0
I 6420	18	04	24	- 43	44	00	1718.4	0
I 6421	18	10	24	- 31	50	00	1910.5	0
I 6424	18	52	00	- 30	32	00	2121.5	0
I 6428	17	51	24	- 24	08	12	1784.1	0
I 6429	17	45	54	- 20	21	00	4334.3	0
I 6431	16	25	23	- 35	14	37	1084.2	0
I 6435	19	14	25	- 34	44	53	1729.2	0
I 6438	18	00	30	- 26	04	30	1750.8	0
I 6439	18	09	36	- 22	46	00	950.2	0

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)				LIVE TIME	OBSERVER NUMBER
	RA	DEC				
I 6440	05 22 12	- 24 34 00	1874.7	0		
*I 6441	10 15 30	- 46 09 00	0.0	0		
I 6442	13 39 54	28 38 00	1738.5	0		
I 6443	14 36 42	- 26 19 00	1282.8	0		
I 6444	15 16 00	02 16 00	1467.1	0		
I 6449	16 44 24	- 01 52 00	1530.5	0		
I 6451	16 54 30	- 04 02 00	1539.6	0		
I 6456	17 21 36	- 48 26 00	2516.5	0		
I 6462	19 51 30	18 28 00	3224.8	0		
I 6463	20 31 42	07 14 00	1740.2	0		
I 6464	21 30 54	- 01 03 00	1943.6	0		
I 6465	03 10 54	- 55 25 00	1396.8	0		
I 6470	12 36 48	- 26 29 00	2432.1	0		
I 6471	12 56 00	- 70 35 59	1522.4	0		
I 6472	13 10 30	18 26 00	1799.3	0		
I 6473	14 27 00	- 05 45 00	3058.7	0		
I 6475	16 29 42	- 12 57 00	1622.2	0		
I 6477	17 18 12	- 19 32 00	7051.3	0		
I 6482	18 02 06	- 07 35 00	5882.6	0		
I 6486	18 28 24	- 23 30 00	7492.0	0		
I 6491	19 02 12	01 48 00	5752.2	0		
I 6493	19 16 00	18 28 00	2333.9	0		
I 6496	20 50 42	- 12 44 00	1307.2	0		
I 6497	20 59 06	16 00 00	1500.9	0		
I 6498	05 34 32	- 70 06 32	1518.0	5		
I 6499	05 31 08	- 69 42 36	1804.5	5		
*I 6500	05 35 23	- 70 03 54	0.0	0		
I 6501	05 32 45	- 69 44 16	2334.1	5		
*I 6502	05 36 23	- 70 00 35	0.0	0		
I 6503	05 35 38	- 69 54 03	2391.5	5		
*I 6504	05 38 52	- 70 04 26	0.0	0		
I 6505	05 36 01	- 69 44 55	6733.2	5		
I 6506	05 38 06	- 69 53 57	1626.8	5		
I 6507	05 39 55	- 70 01 36	2389.5	5		
I 6508	05 41 36	- 70 09 14	2341.4	5		
I 6509	05 37 56	- 69 45 25	2886.3	5		
I 6510	05 36 18	- 69 33 38	2874.3	5		
I 6511	05 40 01	- 69 53 06	1654.6	5		
I 6512	05 43 59	- 70 15 07	3900.5	5		
I 6513	05 43 30	- 70 10 34	2176.0	5		
I 6514	05 42 53	- 70 05 27	2289.2	5		
I 6515	05 41 37	- 69 56 29	1626.1	5		
I 6516	05 40 06	- 69 46 04	2255.3	5		
I 6517	05 38 35	- 69 35 41	6354.6	5		
I 6518	05 37 20	- 69 26 49	2638.9	5		
I 6519	05 36 43	- 69 21 42	2039.9	5		
I 6520	05 36 13	- 69 17 20	2805.8	5		
I 6521	05 40 11	- 69 38 59	2977.9	5		
I 6522	05 38 53	- 69 29 01	1665.3	5		
I 6523	05 42 17	- 69 46 49	2475.9	5		
I 6524	05 43 39	- 69 52 40	1062.7	5		
I 6525	05 40 17	- 69 30 33	3080.5	5		
I 6526	05 42 07	- 69 38 16	1126.2	5		
I 6527	05 44 11	- 69 47 34	1554.5	5		
I 6528	05 43 23	- 69 39 48	1866.7	5		
I 6529	05 42 32	- 69 26 22	2104.7	5		
I 6530	05 43 50	- 69 31 49	4717.0	5		
I 6531	05 47 27	- 69 49 01	2194.3	5		
I 6532	05 44 49	- 69 28 41	3308.7	5		
I 6533	05 40 39	- 69 00 54	1828.7	5		
I 6534	05 45 40	- 69 26 13	3164.4	5		
I 6535	10 40 47	09 24 04	4809.9	113		
I 6566	18 31 47	- 23 12 18	5710.7	0		
I 6571	18 26 52	- 08 24 07	1774.3	0		
I 6572	18 30 26	- 08 52 08	812.6	0		
I 6573	18 34 02	- 09 19 59	854.2	0		
I 6574	18 28 45	- 07 31 05	1844.2	0		
I 6575	18 32 19	- 07 58 59	1774.9	0		
I 6576	18 35 54	- 08 26 49	1543.3	0		
I 6577	18 23 31	- 05 41 56	4349.4	0		

SEQ #	Position(1950)				LIVE TIME	OBSERVER NUMBER
	RA	DEC				
I 6578	18 27 04	- 06 10 01	7246.1	0		
I 6579	18 30 37	- 06 37 59	5547.3	0		
I 6580	18 34 11	- 07 05 35	7290.2	0		
I 6581	18 37 46	- 07 33 40	4780.3	0		
I 6582	18 41 21	- 08 01 19	5731.8	0		
I 6583	18 44 56	- 08 28 52	4112.9	0		
I 6584	18 32 30	- 05 44 53	1659.5	0		
I 6585	18 36 04	- 06 12 40	1773.0	0		
I 6586	18 39 38	- 06 40 26	1423.8	0		
I 6587	18 34 22	- 04 51 43	1725.5	0		
I 6589	18 41 29	- 05 47 10	1941.4	0		
I 6597	14 10 05	- 63 10 40	2949.4	0		
I 6598	14 07 27	- 62 13 30	4834.3	0		
I 6603	14 15 33	- 61 54 42	4015.1	0		
I 6604	14 12 51	- 60 57 57	3056.3	0		
I 6614	12 54 20	- 69 01 03	3225.0	0		
*I 6620	17 28 57	- 24 42 42	0.0	0		
I 6643	00 26 41	02 35 20	1591.0	0		
I 6644	11 39 00	18 08 00	2073.7	0		
I 6645	07 16 36	85 51 00	1939.7	0		
I 6646	15 39 00	59 39 00	1975.9	0		
I 6653	13 12 48	- 16 08 00	1389.6	0		
I 6663	03 01 00	- 61 17 59	2039.6	0		
I 6667	04 29 12	- 05 12 00	1730.1	0		
I 6670	00 34 31	- 01 25 36	2751.9	0		
I 6674	22 54 23	- 36 43 48	3277.3	0		
I 6675	10 49 24	33 12 54	1227.8	0		
I 6679	16 23 10	26 57 24	51224.9	2		
I 6681	10 11 06	03 40 00	2068.9	2		
I 6682	10 52 00	49 57 00	1180.0	2		
I 6683	13 07 00	62 34 00	2145.1	2		
I 6684	14 00 00	09 38 00	1528.6	2		
I 6685	14 18 00	03 48 00	2543.2	2		
I 6686	14 55 00	49 53 00	710.4	2		
I 6687	15 00 00	02 24 00	1649.7	2		
I 6688	15 32 00	15 17 00	1558.0	2		
I 6689	09 58 00	- 02 43 00	1340.1	2		
I 6690	11 46 54	- 03 11 00	356.8	2		
I 6691	14 31 30	04 00 00	1463.0	2		
I 6693	15 30 00	04 51 00	1202.5	2		
I 6694	11 39 48	10 33 00	1618.7	2		
I 6695	09 17 30	01 15 00	1988.5	2		
I 6696	10 24 24	- 03 04 00	1394.7	2		
I 6697	12 04 06	28 27 00	1604.9	2		
I 6698	02 51 18	41 23 00	748.0	2		
I 6699	12 02 00	20 36 00	2124.6	2		
I 6700	14 39 06	53 44 00	1686.3	2		
I 6703	01 13 19	32 49 33	1988.2	2		
I 6704	06 09 48	71 03 00	1743.3	2		
I 6705	02 25 18	31 05 00	2447.1	2		
I 6706	04 31 36	- 08 41 00	1344.7	2		
I 6708	09 23 12	12 57 00	2039.4	2		
I 6711	12 14 36	07 28 00	2132.8	2		
I 6712	12 15 36	30 06 00	2440.5	2		
I 6713	15 01 36	10 38 00	1474.7	2		
I 6714	22 06 12	- 47 25 00	1648.8	2		
I 6715	04 51 18	- 02 59 00	1499.9	2		
I 6717	12 38 18	- 05 12 00	948.6	2		
I 6718	00 08 00	10 42 00	2476.3	2		
I 6719	23 16 24	- 00 01 00	2539.5	2		
I 6721	13 14 48	- 40 00 00	1054.2	2		
I 6722	13 16 48	- 42 18 00	1999.7	2		
I 6723	13 12 00	- 41 42 00	2580.9	2		
I 6724	13 08 00	- 41 30 00	1402.0	2		
*I 6726	01 21 30	- 59 04 00	0.0	0		
I 6727	00 08 21	- 22 13 49	4014.1	2		
I 6728	00 17 02	20 05 07	1390.3	2		
I 6729	02 07 59	- 14 59 05	1519.6	2		
I 6730	02 50 33	- 22 31 39	952.1	2		
I 6731	03 23 03	- 24 26 22	2441.4	2		

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)				LIVE TIME	OBSERVER NUMBER
	RA	DEC				
I 6732	03 27 44	- 24 07 17			2102.1	2
I 6733	03 32 12	07 50 15			1633.8	2
I 6734	03 48 15	04 57 21			2153.1	2
I 6735	04 58 55	13 51 49			2514.3	2
I 6736	06 02 39	67 21 19			789.5	2
I 6737	06 27 14	- 19 57 09			22234.7	2
I 6738	09 20 06	39 02 32			843.7	2
I 6739	09 31 09	- 11 26 03			2018.5	2
I 6740	11 07 32	- 11 26 03			1893.0	2
I 6741	11 43 55	- 28 42 42			1441.8	2
I 6742	12 43 16	- 16 00 17			877.3	2
I 6743	14 30 36	- 15 35 33			1424.6	2
I 6744	20 47 21	09 52 01			1817.0	2
I 6746	22 52 27	- 09 00 01			1800.1	2
I 6747	23 30 25	08 21 36			1233.8	2
*I 6754	00 52 53	- 73 57 17			0.0	0
I 6755	00 50 19	- 72 42 23			1380.6	2
I 6756	05 32 47	- 66 24 13			3725.9	2
I 6757	21 29 36	47 04 08			13687.5	2
I 6775	18 31 28	- 07 05 12			2082.6	2
I 6778	19 01 38	05 22 30			1374.3	2
I 6780	20 51 46	54 59 48			1405.4	2
I 6782	15 51 47	- 53 08 24			1276.5	2
I 6791	00 02 30	71 58 00			5649.6	2
I 6799	02 11 24	25 06 00			1502.4	2
I 6802	10 15 33	01 26 00			2059.6	2
I 6809	06 02 30	- 32 10 00			1856.9	2
I 6810	06 54 48	- 08 28 00			2017.1	2
I 6811	21 16 36	43 44 00			2190.7	2
I 6812	20 40 24	35 17 00			2028.6	2
I 6813	01 15 12	63 29 00			3758.4	2
I 6819	20 20 08	19 56 39			3111.3	2
I 6820	17 42 01	61 30 00			1158.4	2
I 6828	00 38 14	32 53 42			11478.7	0
I 6830	03 03 30	17 07 07			13851.1	0
I 6832	16 00 23	41 09 43			11126.3	0
I 6833	20 19 44	09 51 34			11991.0	0
I 6834	00 14 26	15 50 48			10109.3	0
I 6835	15 58 53	41 40 50			8910.7	0
I 6836	00 13 35	79 00 11			13587.8	0
I 6839	00 26 12	07 35 00			1969.8	0
I 6841	04 51 24	02 49 00			4780.5	0
I 6842	07 46 00	72 55 00			2420.3	0
I 6844	09 23 24	78 30 00			3459.3	0
I 6847	14 35 54	03 53 00			7158.3	0
I 6852	23 38 42	- 09 18 00			2426.1	0
I 6853	09 49 54	44 09 00			3161.2	0
I 6854	14 46 42	26 21 00			2582.3	0
I 6865	12 06 24	64 20 59			6486.0	0
I 6866	12 20 30	59 11 00			630.4	0
I 6868	12 25 42	64 53 00			3551.9	0
I 6869	12 30 24	63 07 00			6629.5	0
I 6871	12 34 36	63 29 00			3559.1	0
I 6873	12 39 06	72 31 00			4643.5	0
I 6874	12 44 18	69 58 00			2416.9	0
I 6875	12 45 24	59 29 00			4234.2	0
I 6876	12 56 18	65 39 00			3207.2	0
I 6877	13 12 36	64 52 00			5851.0	0
I 6878	13 12 18	73 09 00			3755.7	0
I 6879	13 13 42	58 30 00			6523.8	0
I 6880	13 18 12	70 22 00			3351.0	0
I 6881	13 38 12	71 52 00			2293.5	0
I 6883	14 08 54	60 01 00			3147.3	0
I 6885	14 13 36	71 27 59			3783.8	0
I 6888	14 52 18	68 35 00			3284.4	0
I 6891	15 13 48	72 03 00			9697.0	0
I 6892	15 17 42	71 40 00			3021.1	0
I 6895	15 24 48	71 46 00			4493.8	0
I 6896	15 30 48	69 42 00			8229.7	0
I 6897	14 42 48	63 55 00			2835.7	0

SEQ #	Position(1950)				LIVE TIME	OBSERVER NUMBER
	RA	DEC				
I 6898	00 03 12	72 30 00			2821.7	0
I 6907	07 08 22	- 16 49 00			1851.6	0
*I 6910	07 39 00	- 19 54 00			0.0	0
I 6912	08 14 12	- 56 45 00			2443.2	0
I 6913	08 54 12	- 44 30 00			1468.1	0
I 6918	13 14 57	- 64 36 00			1265.9	0
I 6924	18 11 57	- 12 04 44			6832.6	0
I 6926	18 49 12	- 31 12 00			2131.4	0
I 6927	19 01 42	03 06 00			1807.2	0
I 6928	19 09 12	07 37 30			1334.1	0
I 6929	19 07 55	07 26 24			1693.4	0
I 6934	21 34 36	55 45 00			1034.2	0
I 6935	23 16 36	61 48 00			1934.0	0
I 6936	22 37 38	60 48 00			1396.0	0
I 6948	07 39 00	- 18 52 00			7501.6	0
I 6951	22 26 54	- 21 03 00			11735.1	0
I 6952	01 36 31	- 18 12 59			5661.9	0
I 6953	01 36 31	- 18 12 59			6140.8	0
I 6960	06 22 51	- 52 40 03			11769.6	0
I 6962	06 42 56	- 16 35 19			3419.9	0
I 6963	06 42 56	- 16 35 19			3133.6	0
I 6964	08 34 47	65 11 47			12796.1	0
I 6969	13 32 07	- 08 05 06			9706.5	0
I 6970	17 55 51	15 08 31			14689.4	0
I 6972	23 29 20	19 39 42			4524.5	0
I 6973	23 29 20	19 39 42			5027.6	0
I 6974	12 09 44	13 29 00			5108.6	0
I 6975	12 09 44	13 29 00			823.7	0
I 6976	12 10 14	11 08 48			2615.4	0
I 6977	12 10 14	11 08 48			4640.4	0
I 6978	12 11 16	15 10 48			6504.6	0
I 6979	12 11 16	15 10 48			7365.0	0
I 6982	12 13 07	14 10 48			6305.6	0
I 6984	12 17 13	13 04 36			5051.2	0
I 6986	12 19 22	04 45 06			10425.6	0
I 6988	12 21 15	16 59 13			10654.9	0
I 6990	12 21 29	12 28 54			1581.4	0
I 6992	12 21 56	07 35 42			4854.0	0
I 6993	12 21 56	07 35 42			4753.6	0
I 6994	12 22 53	18 28 00			10361.5	0
I 6999	12 24 54	11 23 06			5460.6	0
I 7001	12 25 58	17 21 42			3256.0	0
I 7003	12 27 24	13 39 33			5068.5	0
I 7007	12 32 55	14 46 24			5008.3	0
I 7011	12 34 25	14 29 36			1423.1	0
*I 7012	12 34 25	14 29 36			0.0	0
I 7013	12 40 54	13 27 57			5145.1	0
I 7014	12 40 54	13 27 57			4430.6	0
I 7016	12 42 33	03 19 48			5763.1	0
I 7017	12 42 33	03 19 48			6408.1	0
I 7018	12 45 15	14 02 06			4297.1	0
*I 7019	12 45 15	14 02 06			0.0	0
I 7022	12 45 52	08 45 36			5580.6	0
I 7023	12 45 52	08 45 36			4712.6	0
I 7024	12 50 06	11 32 36			6561.0	0
I 7025	12 50 06	11 32 36			5681.7	0
I 7028	03 24 04	- 21 30 30			12498.6	0
I 7030	04 08 46	- 56 15 00			10378.5	0
I 7034	11 10 50	- 26 26 48			9965.9	0
I 7036	12 15 36	28 27 11			10103.0	0
I 7039	12 49 49	- 00 55 40			12092.6	0
I 7040	13 19 07	- 36 22 06			1896.0	0
I 7042	01 34 01	15 31 36			6650.7	0
I 7044	03 17 39	- 66 40 41			7775.1	0
I 7045	03 41 58	67 56 24			2059.2	0
I 7046	04 17 01	- 62 54 17			8378.3	0
I 7048	09 07 41	07 14 30			6080.1	0
I 7049	09 29 20	21 43 12			4369.1	0
I 7050	10 24 40	68 40 06			6144.1	0
I 7054	11 59 20	- 18 35 42			5213.3	0

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 7061	13 37 06	- 31 23 24	6092.7	0	
I 7062	15 14 37	56 30 24	3855.0	0	
I 7063	19 05 19	- 63 56 17	20546.1	0	
I 7106	10 43 48	09 08 03	8104.8	113	
I 7107	11 49 26	03 25 30	7984.4	113	
I 7109	05 43 30	- 67 50 59	13372.6	283	
I 7110	04 54 12	- 70 05 00	14149.5	283	
I 7111	05 26 00	- 67 32 00	13198.5	283	
I 7116	01 11 29	- 14 55 48	1515.9	3	
I 7117	01 20 20	07 09 19	1770.2	3	
I 7118	02 06 31	- 01 55 48	1938.4	3	
I 7121	02 53 48	19 22 12	1964.5	3	
I 7123	03 58 00	- 34 00 00	2136.5	3	
I 7125	04 52 46	- 74 13 47	1887.6	3	
I 7126	05 09 46	16 44 24	2199.0	3	
I 7127	05 34 46	- 58 07 11	1258.7	3	
I 7128	06 43 05	53 29 24	1679.9	3	
I 7129	07 00 12	- 56 22 48	1003.7	3	
I 7130	07 12 29	- 11 21 00	1207.7	3	
I 7131	07 14 00	- 69 00 00	1404.6	3	
I 7135	12 56 41	- 17 07 48	1940.8	3	
I 7137	13 25 34	- 02 02 24	1464.4	3	
I 7141	16 48 57	- 18 34 48	1470.0	3	
I 7143	17 34 14	- 12 45 00	18935.2	3	
I 7144	17 52 17	- 00 52 48	5273.3	3	
I 7149	18 34 09	- 62 38 23	1152.1	3	
I 7150	18 34 43	- 65 20 59	373.1	3	
I 7151	18 38 48	62 55 12	1882.5	3	
I 7152	18 46 24	- 78 41 59	1418.3	3	
*I 7153	19 26 12	50 19 12	113.3	3	
*I 7154	20 58 36	41 43 48	0.0	0	
I 7157	22 26 31	01 26 24	1904.7	3	
I 7160	01 16 47	31 55 10	1780.5	3	
I 7162	03 36 59	- 01 56 17	2249.0	3	
I 7164	04 00 04	25 51 47	1978.4	3	
I 7165	04 54 57	- 23 29 19	1399.2	3	
I 7166	04 58 41	- 02 03 48	2409.0	3	
I 7167	05 28 07	13 29 47	1236.8	3	
I 7168	13 35 00	- 12 42 00	871.1	3	
I 7169	13 54 29	- 15 13 12	1860.2	3	
I 7170	15 02 00	10 41 35	2316.2	3	
I 7171	15 48 07	05 36 11	1572.9	3	
I 7172	15 55 18	00 06 43	1581.8	3	
I 7173	17 30 13	- 13 02 46	4315.7	3	
I 7174	17 39 29	52 13 10	1893.4	3	
I 7175	17 49 10	09 39 40	1192.4	3	
I 7176	19 08 13	- 20 12 04	1917.2	3	
I 7177	19 58 04	- 17 56 58	2779.5	3	
I 7181	21 47 59	14 35 43	4600.4	3	
I 7182	22 01 01	31 31 12	1626.8	3	
*I 7183	22 03 26	- 18 50 16	0.0	0	
*I 7184	22 30 07	11 28 26	252.8	3	
I 7185	02 37 16	04 08 00	2884.4	3	
*I 7192	16 42 13	69 02 00	0.0	0	
I 7193	18 23 00	56 47 54	1309.1	3	
I 7196	05 49 46	- 07 28 06	12709.4	3	
I 7197	06 09 48	71 03 00	1818.3	3	
I 7199	09 45 30	- 30 42 00	1381.1	3	
I 7200	12 00 36	44 48 00	8796.6	3	
I 7203	13 39 41	67 55 33	2140.0	3	
I 7204	14 10 39	- 02 58 30	6454.3	3	
I 7206	19 32 48	- 65 55 30	1832.1	3	
I 7208	01 20 00	- 03 53 00	6350.5	3	
I 7209	11 36 30	- 37 28 00	7442.2	3	
I 7220	19 38 01	21 34 12	9410.2	3	
I 7221	23 48 36	64 24 00	1097.5	3	
I 7229	18 39 00	- 13 30 00	11094.5	3	
I 7230	18 40 00	- 11 30 00	7334.1	3	
I 7232	19 00 00	12 45 00	7131.1	3	
I 7236	05 18 00	07 20 00	7052.7	3	

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 7237	06 30 00	10 40 00	12169.2	3	
I 7241	05 33 55	- 06 47 02	9554.1	3	
I 7243	05 35 45	- 07 11 19	8409.9	3	
I 7247	04 28 30	18 00 00	10568.0	3	
I 7248	05 33 35	- 05 05 35	29514.8	3	
I 7254	11 06 27	- 65 31 02	1106.5	3	
I 7255	11 29 55	- 65 08 35	1621.3	3	
I 7256	12 42 48	- 62 44 08	2017.6	3	
I 7257	13 31 59	- 64 30 25	1654.7	3	
I 7264	17 37 04	- 11 55 03	4225.1	3	
I 7270	18 09 35	- 11 40 55	5296.8	3	
I 7271	18 12 36	- 00 20 00	3757.6	3	
I 7276	05 26 30	- 63 48 00	1334.8	3	
I 7277	13 53 36	05 30 00	1582.3	3	
I 7278	18 09 06	- 57 44 00	931.8	3	
I 7284	02 02 07	14 59 30	2276.7	3	
I 7285	02 24 43	67 08 06	1358.5	3	
I 7286	02 24 43	67 08 06	448.4	3	
I 7287	06 05 36	- 08 34 39	2023.8	3	
I 7288	06 05 36	- 08 34 39	1724.3	3	
I 7289	06 07 26	- 15 42 21	1288.7	3	
I 7290	06 07 26	- 15 42 21	1578.5	3	
I 7291	06 32 06	19 06 24	1622.3	3	
I 7292	06 32 06	19 06 24	3274.8	3	
I 7294	07 23 18	- 00 49 00	1812.8	3	
I 7295	07 38 00	31 19 18	1864.2	3	
I 7296	08 34 25	- 20 06 35	2931.4	3	
I 7297	08 34 25	- 20 06 35	858.6	3	
I 7299	11 17 51	14 37 06	1184.9	3	
I 7300	11 27 36	- 14 32 53	1785.5	3	
I 7301	11 27 36	- 14 32 53	1384.6	3	
I 7304	13 58 58	62 25 08	1267.7	3	
I 7305	13 58 58	62 25 08	1714.8	3	
I 7306	14 22 38	20 13 55	2083.3	3	
I 7307	15 04 16	- 16 40 57	607.0	3	
I 7308	15 04 16	- 16 40 57	1380.4	3	
I 7309	16 11 48	34 20 18	1782.3	3	
I 7310	16 11 48	34 20 18	1889.0	3	
I 7311	20 33 18	18 46 40	1472.6	3	
I 7312	20 33 18	18 46 40	3771.1	3	
I 7326	00 57 40	81 36 27	11155.4	3	
I 7327	03 29 55	- 03 28 47	1342.5	3	
I 7328	15 33 07	64 04 22	7657.9	3	
I 7329	21 17 33	- 11 01 03	11729.1	3	
I 7331	19 15 33	22 20 58	11973.6	3	
I 7332	08 41 05	19 12 58	9169.7	3	
I 7334	07 24 33	15 45 52	7508.5	3	
I 7335	19 38 47	13 41 50	9970.1	3	
I 7336	08 10 30	58 13 00	13294.1	3	
I 7337	08 25 28	30 33 44	21894.5	3	
I 7344	19 39 54	16 58 42	2900.3	3	
I 7345	04 06 06	30 37 54	4601.1	3	
I 7346	20 09 42	20 11 00	5947.9	3	
I 7356	23 40 00	75 16 00	1823.0	3	
I 7357	23 40 00	75 16 00	1149.1	3	
I 7358	23 40 00	75 16 00	1864.0	3	
I 7359	04 57 00	01 43 00	1068.9	3	
I 7360	04 57 00	01 43 00	1629.9	3	
I 7361	04 57 00	01 43 00	1366.2	3	
I 7362	22 49 30	31 29 00	2372.3	3	
I 7363	22 49 30	31 29 00	2452.8	3	
I 7364	22 49 30	31 29 00	1940.3	3	
I 7374	04 33 42	27 02 00	2708.8	3	
I 7375	04 33 42	27 02 00	2030.7	3	
I 7376	04 33 42	27 02 00	1886.8	3	
I 7380	22 36 00	- 20 53 00	1194.4	3	
I 7381	22 36 00	- 20 53 00	2082.2	3	
I 7382	22 36 00	- 20 53 00	1894.5	3	
I 7391	05 36 17	- 02 37 18	5254.2	3	
I 7397	16 56 01	35 25 05	12267.4	3	

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 7398	17 00 33	- 37 46 29	12237.0	3	
I 7399	05 32 00	- 69 54 59	1338.2	3	
I 7400	09 27 27	- 48 29 42	1274.6	3	
I 7404	08 44 36	- 09 05 54	1948.3	3	
I 7405	09 58 18	- 07 19 06	1907.7	3	
I 7406	10 03 33	- 01 08 06	2067.3	3	
I 7408	03 50 20	- 25 36 00	2422.0	3	
I 7410	16 34 00	- 57 22 00	4439.2	3	
I 7413	03 47 36	- 17 06 30	1614.5	3	
I 7414	03 13 00	- 07 44 00	4712.8	3	
I 7416	20 54 00	- 05 02 00	4949.0	3	
I 7417	19 09 19	- 16 46 26	3320.0	3	
I 7424	03 31 12	- 21 02 00	1393.2	3	
I 7426	08 51 30	- 09 06 00	1043.8	3	
I 7427	09 36 36	- 02 34 00	5267.4	3	
I 7429	00 12 24	- 08 32 36	2091.4	3	
I 7431	01 22 51	- 23 15 07	1606.4	3	
I 7433	04 10 50	- 10 05 12	1202.3	3	
I 7434	04 19 04	- 19 25 05	1916.5	3	
I 7437	05 38 32	- 02 44 29	1423.0	3	
I 7440	07 20 55	- 25 40 12	1730.7	3	
I 7445	12 30 51	- 09 17 36	1865.6	3	
I 7448	17 02 52	- 10 04 32	1225.4	3	
I 7451	19 03 58	- 08 09 09	1842.3	3	
I 7456	04 52 31	- 55 56 27	10488.5	3	
I 7462	18 43 50	- 03 03 00	3419.5	3	
I 7464	18 11 30	- 38 30 00	2059.2	3	
I 7466	18 53 00	- 16 00 00	5997.6	3	
I 7467	18 55 00	- 16 00 00	9735.4	3	
I 7468	18 53 00	- 15 30 00	5671.0	3	
I 7469	13 23 36	- 62 00 53	4377.4	3	
I 7471	05 31 10	- 01 54 53	2995.7	3	
I 7473	12 10 01	- 12 07 39	4893.2	0	
*I 7474	12 00 47	- 04 31 02	0.0	0	
I 7478	15 05 07	- 10 55 00	8486.8	0	
I 7480	16 04 49	- 15 59 38	6902.5	0	
I 7481	17 17 00	- 17 47 59	7706.8	0	
I 7482	20 32 58	- 10 45 42	5662.5	0	
I 7483	22 01 03	- 17 11 19	6157.1	0	
I 7486	19 09 26	- 52 08 00	4922.2	0	
I 7487	12 05 09	- 00 51 00	3182.6	0	
I 7488	15 23 02	- 29 51 24	3828.1	0	
I 7489	21 31 33	- 02 06 36	3115.7	0	
I 7493	15 14 45	- 24 11 20	2352.4	0	
I 7496	07 35 14	- 17 49 12	3702.4	0	
I 7497	07 35 14	- 17 49 12	3694.2	0	
I 7499	05 37 21	- 44 06 48	4728.5	0	
I 7501	05 37 21	- 44 06 48	3239.4	0	
I 7506	02 35 53	- 16 24 05	4340.9	0	
I 7507	02 35 53	- 16 24 05	2019.4	0	
I 7508	00 35 41	- 12 11 03	1542.9	0	
I 7509	02 01 05	- 11 20 45	1817.5	0	
I 7510	02 39 47	- 10 48 24	2047.9	0	
I 7511	03 17 00	- 18 50 45	1593.1	0	
I 7512	05 06 43	- 10 08 11	1744.2	0	
I 7513	05 09 50	- 15 13 55	7645.9	0	
I 7514	07 22 28	- 14 31 17	1530.4	0	
I 7517	16 14 09	- 05 07 04	1954.9	0	
I 7518	17 25 47	- 12 18 10	1873.1	0	
I 7519	17 32 36	- 09 29 08	1897.8	0	
I 7520	17 34 47	- 06 23 00	1915.0	0	
I 7525	03 00 00	- 23 36 00	2167.8	3	
I 7527	17 15 15	- 78 41 59	19097.2	0	
I 7528	16 58 14	- 78 41 59	18082.7	0	
I 7529	17 06 45	- 78 17 00	14391.0	0	
I 7530	17 06 45	- 79 07 00	20832.0	0	
I 7559	01 47 49	- 36 01 15	2427.6	0	
I 7562	02 14 00	- 62 32 00	5124.3	66	
I 7563	02 17 30	- 62 53 00	3809.6	66	
I 7564	02 09 00	- 62 42 00	5860.1	66	

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 7569	23 16 00	- 36 32 00	1947.0	0	
I 7578	00 00 36	- 21 42 00	862.1	368	
I 7579	12 34 05	- 06 53 48	1737.7	368	
I 7582	23 13 25	- 42 38 42	1651.6	368	
I 7583	00 16 54	- 73 10 52	2046.9	303	
I 7584	02 12 50	- 73 35 40	2967.9	303	
I 7585	04 54 57	- 84 27 53	1702.0	303	
*I 7589	19 28 49	- 73 51 45	13.0	303	
I 7590	12 25 13	- 13 17 11	1577.6	331	
I 7593	11 58 54	- 62 10 23	2102.0	330	
I 7594	17 18 47	- 64 57 39	1141.2	330	
I 7597	00 14 00	- 15 45 00	25202.9	382	
I 7605	21 42 07	- 14 32 36	10314.2	289	
I 7606	04 12 49	- 06 03 48	6329.5	288	
I 7607	09 49 04	- 14 06 40	6485.7	288	
I 7608	14 25 37	- 02 00 18	6739.9	288	
I 7609	15 47 30	- 26 13 12	6472.3	288	
I 7610	16 05 49	- 17 11 12	7250.7	288	
I 7611	17 46 16	- 20 34 50	33922.8	288	
I 7612	22 07 57	- 04 30 49	5870.7	288	
I 7614	02 04 10	- 15 02 37	23188.7	363	
I 7616	07 28 27	- 06 05 06	3429.8	363	
I 7617	09 48 21	- 12 06 36	2394.7	363	
I 7618	11 42 48	- 04 09 18	3707.3	363	
I 7619	16 42 05	- 25 20 30	3098.5	363	
I 7620	05 06 00	- 77 28 00	2059.5	356	
I 7626	15 00 30	- 74 20 00	5779.5	356	
I 7629	04 03 14	- 13 16 18	1611.8	307	
I 7630	04 46 20	- 11 16 45	3593.6	284	
I 7632	13 45 06	- 12 32 20	1339.8	284	
I 7633	10 39 04	- 02 58 11	593.9	284	
I 7634	16 06 24	- 10 37 23	712.2	284	
I 7635	13 27 42	- 58 40 42	6975.4	357	
I 7636	14 03 18	- 53 54 06	6628.2	357	
I 7637	14 18 12	- 56 57 30	6197.9	357	
I 7640	00 39 03	- 21 10 05	6512.3	391	
I 7641	06 49 08	- 06 54 22	4006.8	297	
I 7642	15 30 55	- 31 31 37	5360.7	297	
I 7643	16 32 46	- 28 06 51	6213.9	297	
I 7651	02 47 27	- 31 21 52	2289.3	318	
*I 7652	00 24 32	- 33 32 19	0.0	0	
I 7653	13 24 46	- 26 55 25	10272.4	318	
I 7654	12 54 49	- 17 07 02	10689.0	318	
I 7655	09 40 00	- 03 29 00	4767.7	328	
I 7657	20 05 54	- 22 32 30	11935.8	373	
I 7658	20 02 11	- 22 17 06	5885.3	373	
I 7659	19 58 28	- 22 01 18	5502.2	373	
I 7660	17 24 29	- 59 49 36	1421.1	373	
I 7661	17 31 07	- 59 29 42	2210.3	373	
I 7662	17 17 43	- 60 08 12	473.4	373	
I 7663	17 06 51	- 54 38 54	2284.0	373	
I 7664	17 09 54	- 54 29 20	1619.3	373	
I 7665	17 04 54	- 54 47 28	1778.3	373	
I 7666	17 01 42	- 49 09 57	2243.8	373	
I 7667	17 06 16	- 48 55 58	2057.6	373	
I 7668	16 56 28	- 44 09 48	2129.9	373	
I 7669	17 01 17	- 43 54 42	2092.9	373	
*I 7670	15 41 52	- 16 45 24	0.0	0	
I 7671	15 45 32	- 16 57 30	1788.5	373	
I 7672	05 11 39	- 50 49 42	1543.0	373	
I 7673	05 06 11	- 51 05 30	1661.6	373	
*I 7674	05 17 03	- 50 33 00	0.0	0	
I 7677	05 10 41	- 16 15 48	3788.0	388	
I 7679	14 15 52	- 18 29 08	4506.7	388	
I 7680	09 06 49	- 63 43 07	6482.9	388	
I 7681	22 47 35	- 24 20 14	6212.0	341	
I 7682	13 16 12	- 22 54 30	4216.7	341	
I 7683	15 13 29	- 33 30 01	5069.1	341	
*I 7684	12 07 33	- 22 20 30	0.0	0	
I 7686	16 55 18	- 09 27 04	5326.3	341	

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 7687	18 32 29	- 08 16 51	7071.8	341	
I 7688	19 43 53	10 29 24	8576.1	341	
I 7689	14 25 59	- 62 27 41	8366.6	340	
I 7690	09 05 36	- 09 47 00	3473.7	367	
I 7695	16 15 45	35 08 00	8026.2	367	
I 7696	18 26 22	74 42 00	19603.5	367	
I 7697	00 35 06	29 19 00	4879.0	322	
I 7698	01 54 24	31 59 00	4658.4	322	
I 7699	02 54 12	15 45 00	5046.8	322	
I 7700	10 20 42	13 07 00	4921.0	322	
I 7701	10 24 30	11 14 00	2493.2	322	
I 7702	23 33 48	20 15 00	4995.1	322	
*I 7703	23 34 00	20 53 00	0.0	0	
I 7704	23 35 00	15 33 00	2060.8	322	
I 7705	05 10 00	- 45 02 45	1819.2	321	
I 7706	23 39 27	43 54 24	2374.7	321	
I 7707	11 43 10	- 64 33 39	3984.5	321	
I 7708	07 52 16	- 67 38 44	5695.6	321	
I 7710	01 57 30	12 49 12	2994.3	321	
I 7711	16 27 31	- 12 32 53	1641.5	321	
I 7712	11 45 10	01 05 22	4228.2	321	
I 7714	12 49 42	- 28 58 40	20958.4	360	
I 7715	10 22 14	- 57 30 36	7156.0	344	
I 7718	11 50 00	- 62 11 59	5078.8	345	
I 7719	07 34 25	80 33 24	6739.8	359	
I 7720	09 36 51	36 07 35	4464.6	359	
I 7725	02 19 30	42 48 30	4888.3	366	
I 7726	05 48 50	- 32 16 56	2002.3	366	
I 7727	14 00 21	16 14 21	2230.5	366	
I 7728	15 38 30	14 57 22	5912.2	366	
I 7729	22 54 46	07 27 10	5205.6	366	
I 7730	23 35 34	03 10 24	5973.9	366	
I 7731	08 29 11	04 39 51	2796.4	366	
I 7735	13 07 06	12 10 21	3453.9	366	
I 7736	15 14 41	19 43 12	3457.7	366	
I 7737	02 44 24	69 26 00	1811.0	317	
I 7738	04 00 51	27 59 30	1750.2	317	
I 7739	04 58 42	41 00 18	2055.0	317	
I 7741	14 58 18	- 08 19 18	1375.3	317	
I 7742	16 35 35	- 56 53 36	1991.9	317	
I 7743	18 23 51	- 09 13 30	1756.4	317	
I 7744	19 16 36	19 31 30	1639.6	317	
I 7745	20 12 03	46 35 18	1896.4	317	
I 7747	13 31 33	- 25 07 32	1767.1	316	
I 7748	02 45 42	30 54 36	4769.9	291	
I 7749	16 15 59	55 23 48	6916.8	291	
I 7751	22 47 43	- 07 21 24	5008.4	291	
I 7756	01 44 48	27 08 00	6096.2	362	
I 7757	10 51 54	17 34 00	5921.5	362	
I 7759	11 46 00	48 59 00	3949.3	362	
I 7760	11 56 12	42 59 00	4388.3	362	
I 7762	08 57 06	35 55 30	1276.0	362	
I 7764	10 51 30	57 14 30	1288.4	362	
I 7765	00 19 00	22 21 00	7696.0	343	
I 7766	01 20 24	33 01 00	9193.4	343	
I 7769	14 00 36	09 23 00	7774.0	343	
I 7770	07 25 06	72 37 18	1558.6	374	
I 7771	08 50 46	35 20 27	1233.8	374	
I 7772	03 37 22	- 02 16 28	1650.7	374	
I 7775	06 47 35	63 09 11	364.2	374	
I 7776	16 04 40	30 13 58	1604.3	374	
I 7778	08 04 45	57 54 58	1698.9	374	
I 7781	15 11 14	04 16 36	752.3	374	
I 7786	04 50 57	51 49 00	1771.2	358	
I 7790	03 07 11	16 54 29	12799.1	313	
I 7791	10 14 50	- 10 09 00	2092.4	312	
I 7793	10 19 35	19 48 36	1462.4	312	
I 7795	12 31 36	15 27 00	1728.8	312	
I 7796	21 18 19	- 21 40 00	1855.4	312	
I 7797	21 22 04	- 21 31 12	1884.2	312	

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 7798	21 25 48	- 21 22 12	2080.0	312	
I 7799	21 28 53	03 55 48	1580.9	312	
I 7800	21 33 24	01 35 24	1385.1	312	
I 7801	21 33 18	00 44 24	3052.8	312	
I 7802	21 33 10	- 00 07 00	2507.2	312	
I 7803	21 44 30	- 20 14 00	2324.8	312	
I 7805	21 49 10	- 20 02 24	1565.9	312	
I 7810	11 09 49	- 60 21 59	5027.7	286	
I 7812	15 51 46	- 53 08 36	1636.8	286	
I 7814	03 47 21	17 06 00	2258.0	319	
I 7815	03 47 21	17 06 00	2024.3	319	
I 7816	12 12 16	36 56 00	3008.5	319	
I 7817	12 12 16	36 56 00	3708.6	319	
I 7818	14 13 04	01 31 00	2052.3	319	
I 7819	14 13 04	01 31 00	1973.3	319	
I 7820	19 39 55	16 59 00	5074.6	319	
I 7821	19 39 55	16 59 00	5964.2	319	
I 7822	13 44 35	- 30 09 36	4788.7	300	
I 7823	09 36 18	- 04 37 00	2535.6	376	
I 7826	05 19 12	06 38 00	2955.1	376	
I 7827	22 33 42	33 41 00	2879.7	376	
I 7828	02 07 00	- 10 22 00	3216.7	376	
I 7829	16 47 54	53 29 00	1234.0	376	
I 7830	06 34 00	11 55 00	2049.9	355	
I 7831	06 38 06	10 10 00	2012.8	355	
I 7833	06 38 00	08 30 00	1180.0	355	
I 7834	06 34 00	08 00 00	1790.3	355	
I 7835	06 46 00	06 30 00	1820.1	355	
I 7836	06 39 30	06 50 00	1782.0	355	
I 7837	06 27 00	05 40 00	2940.3	355	
I 7838	06 31 00	05 20 00	2176.5	355	
I 7841	09 58 55	17 39 00	1749.2	346	
I 7842	01 46 31	- 21 08 24	1957.0	346	
I 7844	10 59 36	10 10 12	2357.4	346	
I 7846	17 11 43	16 24 36	4637.1	346	
I 7849	17 33 50	- 56 47 24	2919.3	346	
I 7857	16 03 38	18 21 16	11435.4	335	
I 7858	16 04 21	17 55 45	12367.7	335	
I 7860	05 46 31	- 25 22 48	10430.7	335	
I 7861	14 50 25	17 03 52	10250.4	335	
I 7864	12 59 41	11 13 39	6249.9	381	
I 7866	07 47 11	- 24 43 59	6787.7	381	
I 7867	08 41 13	- 07 03 09	5215.4	381	
I 7868	21 10 48	30 01 16	4777.4	381	
I 7871	07 16 52	- 67 51 56	5740.5	381	
I 7872	06 52 08	- 23 51 52	9738.4	386	
I 7873	11 04 18	- 65 14 27	5929.6	386	
I 7874	20 39 54	52 24 33	9551.6	386	
I 7875	20 17 42	38 34 24	10579.7	386	
I 7876	20 05 17	17 33 18	8794.4	375	
I 7878	13 03 15	18 17 00	1733.6	375	
I 7879	18 55 06	13 10 48	1881.3	375	
I 7884	17 02 43	49 12 00	1716.9	353	
I 7885	17 10 47	48 41 16	1955.1	353	
I 7886	17 15 15	48 25 58	1859.6	353	
I 7887	17 42 29	69 42 00	2072.6	353	
I 7888	17 36 00	69 00 00	2542.5	353	
I 7889	17 29 36	68 05 59	1224.3	353	
I 7890	19 13 48	- 01 00 00	2043.4	353	
I 7891	19 17 12	- 00 51 00	2096.0	353	
I 7892	19 20 48	- 00 45 00	1845.6	353	
I 7894	02 36 55	00 06 50	3447.6	352	
I 7895	04 33 49	- 03 27 12	2580.3	352	
I 7896	06 20 30	- 17 55 47	1403.6	352	
I 7897	06 29 46	- 23 22 52	11487.1	352	
I 7898	06 51 23	- 20 09 40	3179.9	352	
*I 7901	17 18 56	- 24 57 05	0.0	0	
I 7903	21 28 01	70 20 28	1499.3	352	
I 7906	15 35 44	19 01 30	1573.2	347	
I 7907	05 30 10	36 57 58	1850.4	347	

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER	SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC					RA	DEC			
I 7908	06 03 21	27 18 59	1385.6	347	I 8374	16 24 00	- 24 20 00	1688.5	464		
I 7909	20 14 54	- 03 49 12	2253.5	347	I 8375	16 24 00	- 25 30 00	985.9	464		
I 7910	06 13 02	- 00 29 31	3446.1	385	*I 8376	16 26 00	- 23 00 00	275.0	464		
I 7911	10 57 04	11 58 25	5928.6	385	I 8377	16 28 00	- 24 30 00	2054.5	464		
I 7912	14 14 22	39 58 32	2504.7	385	*I 8378	16 28 00	- 25 30 00	295.1	464		
I 7913	12 46 29	60 35 32	4734.4	385	I 8379	07 16 35	- 24 27 59	23503.4	405		
I 7914	20 01 51	16 56 00	1971.1	385	I 8382	02 08 30	- 50 48 00	2003.0	408		
I 7915	11 45 50	- 10 02 01	1313.8	385	I 8384	03 46 42	- 45 24 00	1946.6	408		
I 7917	00 35 54	29 02 26	4321.4	385	I 8385	03 52 48	- 74 08 59	1136.2	408		
I 7918	04 01 44	21 56 49	3566.6	385	I 8386	04 00 06	- 26 58 00	1888.3	408		
I 7921	06 51 52	- 11 58 29	1776.0	385	I 8390	20 35 12	- 23 03 00	1716.5	408		
I 7922	02 32 49	- 03 46 20	4484.3	385	I 8391	20 40 18	- 19 59 00	2054.8	408		
I 7923	14 47 09	38 00 59	2201.6	385	I 8393	20 49 30	- 20 44 00	1936.7	408		
I 7925	15 11 20	- 58 51 59	5654.4	0	I 8396	23 22 53	23 07 43	6727.7	449		
*I 7948	03 22 29	04 46 18	0.0	0	I 8397	03 32 09	06 15 07	11865.9	449		
I 7951	01 31 12	- 07 16 30	9466.4	0	I 8400	09 49 39	08 03 42	1491.6	453		
I 7952	09 25 19	- 05 51 00	8543.6	0	I 8404	03 25 58	- 17 35 18	10582.1	453		
I 7954	08 51 50	- 05 15 30	6716.0	0	I 8405	03 27 15	- 17 57 06	9751.4	453		
I 7955	03 17 45	03 11 00	5920.1	0	I 8408	23 49 49	32 47 18	1605.6	400		
I 7957	00 36 46	20 59 00	3894.6	0	I 8409	09 37 59	39 07 30	1116.5	400		
I 7958	00 20 20	- 12 29 30	8287.3	0	I 8413	21 28 53	- 12 20 20	5850.6	413		
I 7961	22 55 01	20 30 00	6959.8	0	I 8415	20 37 35	- 01 03 23	15601.3	433		
I 7965	06 30 18	06 25 00	3671.5	383	I 8417	05 41 50	09 10 00	13843.7	439		
I 7966	06 34 24	07 25 00	5543.9	383	I 8420	18 11 47	11 35 49	1561.6	437		
I 7980	16 30 10	- 48 00 25	9121.2	70	I 8422	04 20 25	- 13 28 59	1403.3	437		
I 7987	01 41 36	- 67 32 11	1317.9	372	I 8423	18 33 28	38 17 24	2053.4	437		
I 7988	00 50 00	- 73 04 59	18423.1	169	I 8425	19 14 42	01 37 59	1778.6	437		
I 7989	01 08 00	- 72 40 59	25321.9	169	I 8427	01 19 57	22 54 35	1798.3	438		
I 7990	01 15 00	- 73 29 59	10549.9	169	I 8428	11 19 11	12 00 42	1531.7	438		
I 7991	01 27 00	- 73 47 59	11479.1	169	I 8429	11 26 48	- 04 07 50	1831.0	438		
I 8018	08 08 50	62 45 00	9081.5	407	I 8431	00 49 17	17 09 37	1372.8	438		
I 8019	00 02 46	- 05 59 14	2749.6	222	I 8432	10 11 49	- 04 03 43	1717.9	438		
I 8022	22 23 11	- 05 12 18	2125.4	307	I 8433	12 44 02	02 38 35	1232.2	438		
I 8025	15 47 42	- 55 42 00	7026.7	1	I 8434	13 10 28	- 10 51 48	593.4	438		
I 8026	15 51 09	- 55 48 00	4860.0	1	I 8437	21 12 23	05 55 12	1320.1	438		
I 8027	15 46 46	- 56 10 30	7415.2	1	I 8438	22 09 30	18 27 01	1765.7	438		
I 8028	15 50 13	- 56 16 30	3713.3	1	I 8439	09 13 24	75 01 59	7951.8	397		
I 8030	08 32 00	- 45 20 00	1819.8	0	I 8440	14 23 54	63 23 00	6331.2	397		
I 8031	08 32 00	- 44 30 00	1220.7	0	I 8441	19 08 30	68 59 00	5618.4	397		
I 8032	08 29 30	- 43 20 00	1455.9	0	I 8450	00 07 42	- 00 04 00	987.7	451		
I 8033	08 27 00	- 43 50 00	1838.8	0	I 8451	00 09 36	- 01 38 30	4425.6	451		
I 8034	08 26 00	- 44 40 00	2128.9	0	I 8452	00 19 54	01 07 42	5564.9	259		
*I 8045	20 38 03	75 24 58	0.0	0	I 8453	00 13 28	- 00 28 42	5859.1	451		
I 8047	15 15 23	23 07 11	2052.3	141	I 8454	00 49 28	00 45 36	6567.1	451		
I 8101	21 34 39	53 38 46	1955.8	210	I 8455	00 49 59	01 24 42	7211.1	451		
I 8102	22 58 56	58 36 47	4255.8	563	I 8456	00 55 50	00 25 24	3099.3	451		
*I 8133	18 11 31	- 17 09 50	0.0	0	I 8458	01 09 42	02 14 00	5852.7	451		
I 8309	06 25 00	- 53 30 00	5876.7	0	I 8459	01 15 54	- 01 08 12	6858.1	451		
I 8310	14 18 07	54 36 57	3710.1	1	I 8460	01 26 06	03 01 36	6584.3	451		
I 8331	18 34 30	- 06 40 01	20302.3	173	I 8461	01 59 23	03 36 18	3260.9	451		
I 8332	01 28 24	07 28 00	2451.6	457	I 8462	02 07 17	- 00 19 06	3629.2	451		
I 8333	01 51 51	04 33 38	3506.4	457	I 8464	01 08 47	38 50 33	11541.4	436		
I 8334	13 58 01	04 19 27	3290.4	457	I 8468	14 27 44	10 56 44	9202.0	436		
I 8337	14 05 30	55 14 12	3368.6	393	I 8469	16 56 05	05 19 47	5292.2	436		
I 8343	21 00 16	27 36 34	1683.3	444	I 8483	17 23 31	- 10 57 01	6957.6	424		
I 8347	01 36 34	39 41 52	10845.4	416	I 8484	19 50 08	18 32 32	1510.0	424		
I 8349	16 34 20	26 50 00	18539.1	417	I 8490	22 55 00	62 30 00	3924.2	423		
I 8350	11 59 31	58 18 50	10981.7	419	I 8494	06 37 23	- 75 13 36	7479.6	0		
I 8351	16 38 25	53 52 30	8386.2	419	I 8570	18 04 28	68 51 09	535.4	3		
I 8355	08 20 34	02 08 55	5104.2	440	I 8571	18 35 37	67 10 30	433.5	3		
I 8356	23 36 00	26 45 00	21758.6	418	I 8572	18 12 28	65 19 19	2118.1	3		
I 8357	08 06 55	62 51 47	11797.9	407	I 8590	18 37 20	65 02 38	507.6	3		
I 8360	04 43 18	- 02 30 00	3188.5	456	*I 8591	18 25 14	69 51 46	0.0	0		
I 8361	08 42 00	73 10 00	2595.1	456	*I 8592	18 23 26	67 18 43	216.4	3		
I 8362	08 53 18	51 33 00	1859.4	456	I 8593	18 10 18	67 17 58	791.2	3		
I 8364	23 13 24	06 24 00	3382.4	456	I 8594	17 36 18	65 04 00	1077.5	3		
I 8365	15 06 18	40 09 30	1401.8	399	*I 8595	18 02 02	68 23 50	0.0	0		
I 8366	01 46 43	34 56 13	12636.4	406	I 8598	17 30 45	68 49 22	510.6	3		
I 8371	15 43 19	09 02 18	5592.8	420	I 8599	17 23 49	66 40 06	973.8	3		
I 8373	06 08 50	21 52 52	3287.3	398	*I 8600	17 40 25	67 55 56	158.2	3		

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)				LIVE TIME	OBSERVER NUMBER
	RA	DEC	RA	DEC		
*I 8644	18 30 20	66 14 32	39.4		3	
I 8645	18 30 18	66 15 03	630.8		3	
I 8646	18 02 21	67 04 52	789.6		3	
I 8647	18 33 56	64 41 37	630.0		3	
I 8648	18 15 38	68 21 01	707.4		3	
I 8649	18 27 09	69 06 29	1006.4		3	
I 8650	18 29 24	68 17 00	789.2		3	
I 8651	18 32 31	68 46 15	719.4		3	
I 8652	18 30 32	69 32 49	1013.2		3	
I 8653	18 21 04	68 04 50	831.2		3	
*I 8654	18 19 23	68 54 03	224.2		3	
*I 8655	18 21 38	69 20 34	0.0		0	
I 8656	18 26 18	67 48 04	981.5		3	
I 8657	18 18 12	67 34 40	1068.4		3	
I 8658	18 23 22	67 18 28	1020.2		3	
I 8660	17 22 55	68 26 51	426.2		3	
I 8661	18 10 11	69 52 16	750.3		3	
I 8662	18 04 09	70 07 40	869.0		3	
I 8663	17 29 02	64 37 51	958.3		3	
I 8664	18 15 50	65 50 17	692.7		3	
I 8665	17 47 20	66 28 18	1020.0		3	
I 8666	17 51 39	67 31 48	712.3		3	
I 8667	18 22 06	64 45 18	981.5		3	
*I 8669	18 24 50	69 49 51	0.0		0	
I 8670	18 13 01	70 23 41	710.8		3	
I 8672	17 13 00	64 40 00	21104.9		272	
I 8679	19 24 02	18 52 12	5574.7		431	
I 8680	19 26 02	19 44 24	5499.8		431	
I 8681	19 20 19	19 20 24	4038.8		431	
I 8682	19 22 19	20 13 12	5776.5		431	
I 8686	21 15 00	54 17 00	1688.2		431	
I 8687	21 20 00	55 00 00	1849.0		431	
I 8688	21 11 00	54 59 00	1527.9		431	
I 8689	21 15 00	55 42 00	2271.1		431	
I 8691	10 34 30	00 07 15	1419.3		434	
I 8692	05 48 04	00 05 12	2994.0		434	
I 8693	23 57 33	29 40 20	1970.8		434	
I 8694	16 16 41	- 02 22 48	1536.9		426	
I 8696	02 22 41	27 52 24	1928.7		426	
I 8698	20 19 01	21 24 42	5913.8		426	
*I 8701	00 02 42	05 08 00	0.0		0	
I 8703	08 38 55	11 00 44	3178.7		420	
I 8704	14 00 24	- 41 10 59	3380.6		420	
I 8705	11 47 23	11 08 30	2887.2		420	
I 8722	07 56 57	- 23 10 24	9114.0		422	
I 8725	05 33 05	- 06 30 28	6038.0		411	
I 8726	05 43 41	- 00 06 36	36802.3		411	
I 8730	19 16 26	- 05 19 12	7410.5		445	
I 8734	18 02 47	65 48 30	1770.8		3	
I 8735	18 07 37	66 49 40	1067.4		3	
I 8736	18 10 10	66 03 52	1054.6		3	
I 8737	18 00 30	65 17 38	731.7		3	
*I 8738	17 57 38	66 02 37	0.0		0	
I 8740	17 52 33	66 15 34	1923.1		3	
I 8741	17 54 46	66 47 30	865.1		3	
I 8744	18 12 56	66 32 45	435.5		3	
I 8745	18 12 44	66 34 41	592.1		3	
I 8746	18 10 13	64 48 20	472.2		3	
*I 8747	18 05 25	65 03 16	0.0		0	
I 8748	18 07 49	65 33 39	1060.1		3	
I 8749	17 55 33	65 30 54	977.8		3	
I 8750	17 48 24	65 12 36	477.7		3	
I 8751	17 46 31	64 40 46	512.3		3	
I 8752	17 45 16	65 56 36	1028.3		3	
*I 8753	17 50 26	65 44 31	0.0		0	
I 8754	17 49 25	66 59 38	1926.5		3	
*I 8755	17 53 53	68 03 02	108.4		3	
I 8756	17 59 39	66 34 36	2627.9		3	
I 8757	17 53 55	68 03 11	1067.5		3	
I 8758	18 14 58	67 05 12	785.9		3	

SEQ #	Position(1950)				LIVE TIME	OBSERVER NUMBER
	RA	DEC	RA	DEC		
I 8759	18 20 27	66 48 14	1068.1		3	
*I 8760	11 59 58	00 02 57	0.0		0	
*I 8761	18 18 01	66 19 25	37.7		3	
*I 8762	18 12 40	65 18 45	0.0		0	
*I 8765	18 07 55	64 18 08	0.0		0	
I 8766	18 03 09	64 32 29	532.7		3	
I 8767	17 58 20	64 46 30	1766.4		3	
I 8769	17 53 24	65 00 13	707.6		3	
I 8770	17 41 29	64 52 54	1421.6		3	
I 8771	17 53 26	64 59 15	683.9		3	
I 8772	17 40 02	66 08 02	1021.1		3	
I 8774	17 41 58	66 40 19	1011.8		3	
*I 8777	17 48 17	68 16 13	0.0		0	
I 8778	17 59 25	67 49 28	1362.6		3	
*I 8779	18 01 56	68 20 19	0.0		0	
I 8780	18 04 51	67 35 17	2132.6		3	
*I 8783	18 32 45	67 30 51	0.0		0	
*I 8784	18 31 22	67 30 31	156.5		3	
I 8785	18 27 30	65 45 36	789.8		3	
I 8786	18 33 16	66 43 44	2291.9		3	
I 8787	18 19 58	65 32 45	750.2		3	
I 8788	18 17 24	65 02 36	434.9		3	
I 8789	18 14 56	64 33 05	747.7		3	
*I 8790	18 12 31	64 02 45	0.0		0	
*I 8791	18 10 05	63 30 11	216.7		3	
I 8792	18 17 23	65 02 57	893.1		3	
I 8793	18 00 59	64 01 39	1416.6		3	
*I 8794	17 56 10	64 15 21	196.5		3	
I 8795	17 54 13	63 44 06	1431.6		3	
*I 8796	17 44 36	64 09 24	252.4		3	
I 8797	17 42 49	63 37 46	2180.4		3	
*I 8798	17 36 28	65 04 03	0.0		0	
I 8799	17 31 22	65 14 52	1105.1		3	
*I 8800	18 28 25	67 00 42	118.9		3	
*I 8801	17 33 04	65 47 02	10.9		0	
I 8802	17 38 11	65 36 47	909.4		3	
I 8803	17 38 28	67 23 59	1500.2		3	
I 8804	17 44 03	67 13 10	1067.8		3	
*I 8805	17 42 33	68 27 59	0.0		0	
*I 8806	17 46 05	67 43 59	0.0		0	
*I 8807	17 44 44	68 59 30	0.0		0	
*I 8808	17 52 41	69 18 52	0.0		0	
I 8809	17 58 51	69 05 07	853.8		3	
*I 8810	17 50 39	68 47 32	0.0		0	
*I 8811	18 12 54	67 50 56	0.0		0	
I 8812	17 40 22	67 55 54	988.2		3	
I 8813	17 46 58	69 31 17	1580.2		3	
I 8814	17 34 34	66 18 33	522.5		3	
I 8815	17 34 46	66 19 24	592.3		3	
I 8816	18 41 17	66 53 43	1934.7		3	
I 8817	17 36 34	66 52 12	471.4		3	
I 8819	18 29 23	64 58 39	703.8		3	
I 8820	18 24 46	65 15 56	673.3		3	
I 8821	18 24 47	65 16 10	473.2		3	
I 8822	18 19 42	64 15 22	960.0		3	
I 8823	18 19 09	63 00 44	690.7		3	
I 8824	18 14 43	63 17 10	952.3		3	
I 8825	18 17 07	63 46 55	907.6		3	
I 8826	18 08 00	63 01 51	979.6		3	
*I 8827	18 01 24	62 45 43	0.0		0	
I 8828	17 56 51	62 59 39	1008.7		3	
I 8829	18 03 30	63 16 51	434.3		3	
*I 8830	17 51 13	63 07 49	276.3		3	
I 8831	17 51 26	64 28 39	1068.5		3	
*I 8832	17 38 06	63 46 56	84.0		3	
I 8833	17 33 08	63 59 49	670.4		3	
*I 8834	17 49 29	63 56 55	0.0		0	
I 8835	17 51 19	64 28 30	950.1		3	
I 8836	17 24 40	64 52 22	473.0		3	
I 8837	17 26 10	65 24 52	2175.9		3	

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 8838	17 29 24	66 29 49	1815.6	3	
I 8839	17 30 55	67 00 24	524.5	3	
I 8840	17 32 53	67 34 36	1064.4	3	
*I 8841	17 34 45	68 06 47	0.0	0	
*I 8842	17 50 22	62 41 21	0.0	0	
*I 8843	17 38 42	69 11 12	0.0	0	
I 8844	17 36 45	68 39 24	744.9	3	
I 8845	17 34 19	69 53 04	355.4	3	
I 8846	17 49 22	70 03 25	828.7	3	
I 8847	17 56 30	68 34 21	871.2	3	
I 8848	18 01 35	69 35 33	1068.9	3	
I 8849	18 07 17	69 21 46	428.5	3	
I 8850	18 13 01	69 06 25	1055.1	3	
*I 8851	17 43 08	70 14 54	277.2	3	
I 8852	17 43 10	70 17 50	904.7	3	
*I 8853	17 39 45	64 20 32	0.0	0	
*I 8854	17 37 56	63 43 39	0.0	0	
*I 8855	17 34 43	64 31 55	1055.3	3	
*I 8856	18 38 04	66 25 25	0.0	0	
I 8857	18 32 13	65 28 15	944.7	3	
*I 8858	18 35 07	65 57 11	0.0	0	
*I 8859	18 39 41	65 38 37	0.0	0	
I 8860	17 28 04	64 09 45	824.8	3	
I 8861	18 24 05	64 00 12	667.5	3	
*I 8862	18 21 35	63 30 41	289.4	3	
*I 8863	17 27 45	65 57 11	0.0	0	
I 8864	18 05 49	62 31 41	1220.5	3	
I 8866	18 28 32	63 43 37	1678.6	3	
*I 8867	18 26 41	64 29 42	260.6	3	
*I 8868	17 47 35	63 25 35	0.0	0	
I 8869	17 45 51	62 52 20	667.7	3	
I 8870	17 36 24	63 16 56	1908.8	3	
*I 8871	18 31 11	64 12 32	0.0	0	
I 8872	18 31 11	64 12 34	1217.8	3	
I 8874	17 22 25	66 06 57	1063.1	3	
I 8876	17 25 31	67 11 59	592.5	3	
*I 8878	17 28 53	68 17 36	0.0	0	
I 8879	17 27 07	67 45 16	886.4	3	
I 8880	17 32 40	69 22 08	1018.2	3	
I 8881	17 25 05	68 58 43	544.1	3	
I 8882	17 55 28	69 49 45	670.0	3	
I 8883	17 50 56	70 41 17	335.6	3	
I 8884	17 58 07	70 21 08	1490.4	3	
I 8885	18 10 10	68 36 18	1028.9	3	
*I 8886	18 15 57	69 36 44	157.4	3	
I 8887	18 21 41	69 20 30	472.8	3	
I 8888	17 51 18	70 38 16	375.8	3	
I 8890	18 39 33	67 40 48	1078.5	3	
I 8891	18 38 07	68 30 28	1983.5	3	
I 8892	18 35 51	68 01 21	473.6	3	
I 8893	18 34 29	67 59 20	2221.9	3	
I 8894	17 58 53	63 30 45	1343.8	3	
I 8896	17 54 50	62 28 00	584.2	3	
I 8897	17 54 49	62 26 01	632.6	3	
I 8899	17 41 07	63 06 02	380.1	3	
I 8900	18 17 46	66 18 52	3945.7	3	
*I 8902	17 18 19	66 49 13	0.0	0	
I 8903	17 19 52	67 20 10	747.7	3	
I 8904	17 21 25	67 53 54	828.7	3	
*I 8905	17 23 02	68 26 52	233.0	3	
*I 8906	18 07 03	70 38 56	51.8	3	
I 8907	17 32 56	67 34 21	670.9	3	
*I 8908	09 13 16	66 25 21	0.0	0	
I 8909	18 24 03	68 34 04	989.7	3	
*I 8910	18 30 22	69 34 14	0.0	0	
I 8916	08 05 25	- 24 09 32	4005.9	427	
I 8918	15 20 47	72 00 43	1228.3	427	
I 8919	15 32 25	10 42 15	1973.9	427	
I 8921	18 39 32	- 09 06 08	3161.4	427	
I 8922	19 18 46	- 17 56 35	11016.0	427	

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 8923	20 41 07	14 53 38	2292.0	427	
*I 8924	22 13 11	56 47 37	74.2	427	
I 8925	23 18 09	23 27 59	1971.8	427	
I 8926	17 11 00	63 40 00	17581.2	272	
*I 8930	17 09 26	- 23 18 36	0.0	0	
I 8933	08 37 28	- 12 03 54	5367.7	413	
I 8936	11 28 56	- 65 27 59	1623.9	450	
I 8937	11 45 30	- 60 17 17	2024.6	450	
I 8938	22 44 54	57 49 13	1332.2	450	
I 8955	07 03 42	75 25 00	4197.1	456	
I 8957	12 54 05	57 08 24	2063.8	2	
I 8958	00 13 29	72 35 59	5266.2	2	
I 8972	20 07 36	55 30 48	2704.7	524	
I 8978	04 09 44	22 57 31	5047.7	539	
I 8979	07 58 45	14 23 04	6020.8	539	
*I 8980	08 55 56	14 21 24	0.0	0	
*I 8981	20 44 34	- 02 47 26	283.5	539	
*I 8982	14 13 34	13 34 18	10145.9	539	
I 8989	00 36 26	- 22 35 37	2113.3	505	
I 8990	00 40 01	- 22 04 41	1553.1	505	
I 8991	00 51 11	- 21 57 59	3846.7	505	
I 8992	00 53 29	- 10 18 03	5019.0	505	
I 8993	03 06 17	- 23 50 58	1143.1	505	
I 8994	04 59 25	- 22 41 26	5660.1	505	
I 8995	11 35 32	- 09 04 31	4807.0	505	
I 8996	13 16 01	- 21 12 07	3938.3	505	
I 9000	04 15 29	17 08 05	9127.6	519	
I 9001	04 23 48	16 38 08	12826.4	519	
I 9002	04 19 54	14 56 25	8369.1	519	
I 9003	04 21 22	14 38 38	9379.5	519	
I 9004	04 23 30	15 30 23	10811.0	519	
I 9005	04 25 43	15 51 10	9461.2	519	
I 9006	04 27 55	16 02 30	11647.4	519	
I 9013	07 26 12	13 21 00	2771.4	477	
I 9017	17 18 47	32 31 51	5598.9	476	
I 9020	08 56 23	- 15 56 27	4825.4	476	
I 9021	14 00 04	09 55 39	6778.6	476	
I 9022	15 40 22	- 10 46 18	4262.7	476	
I 9024	22 27 18	58 09 32	3563.6	501	
I 9025	05 33 11	- 62 31 19	838.4	501	
I 9027	15 29 41	- 08 21 58	2941.4	480	
I 9029	22 07 46	32 55 56	1223.9	480	
I 9030	14 32 57	19 25 58	2563.5	480	
I 9041	03 23 33	28 32 32	2310.8	479	
I 9042	03 23 33	28 32 32	2433.8	479	
*I 9043	00 51 21	- 74 56 00	0.0	0	
I 9044	00 51 21	- 74 55 59	2251.4	479	
I 9045	05 29 30	09 47 18	4660.0	483	
I 9048	09 04 20	- 08 36 30	2374.4	483	
I 9049	10 46 19	07 05 06	1966.0	483	
I 9050	12 13 26	05 55 06	1993.2	483	
I 9051	15 02 27	05 50 24	2955.0	483	
I 9052	16 30 23	03 21 12	1337.3	483	
I 9053	22 26 16	05 34 06	997.3	483	
I 9058	21 37 42	61 20 00	1144.9	503	
I 9059	22 25 30	64 52 00	396.8	503	
I 9060	05 32 24	09 54 00	3034.6	503	
I 9061	05 40 37	- 01 38 05	5232.6	544	
I 9062	00 05 38	- 02 43 34	6249.9	544	
I 9065	02 50 07	- 12 58 16	2563.4	544	
I 9069	17 35 48	- 08 05 00	6107.0	560	
I 9071	07 49 06	01 54 00	5515.8	560	
I 9084	03 08 31	14 28 54	11953.8	491	
*I 9088	00 31 12	- 69 31 60	0.0	0	
I 9091	14 02 48	- 19 32 00	2019.8	508	
I 9093	14 28 42	- 22 10 00	2723.4	508	
I 9094	14 33 00	- 19 06 00	1661.0	508	
I 9101	20 39 12	- 25 48 00	1343.9	508	
I 9112	00 31 30	- 07 02 00	2990.7	500	
I 9113	01 38 54	- 12 02 00	2003.7	500	

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)						LIVE TIME	OBSERVER NUMBER
	RA	DEC						
I 9114	02 10 18	25 10 00	2175.6	500				
I 9120	13 11 36	61 17 00	1228.8	500				
I 9121	13 22 42	71 44 00	1161.9	500				
I 9122	13 29 24	- 11 25 00	556.2	500				
I 9125	21 51 12	17 27 00	1153.6	500				
I 9126	00 33 00	- 74 19 59	9906.0	517				
I 9127	00 20 00	- 74 59 59	13654.3	517				
I 9130	03 40 09	- 13 38 54	2192.0	550				
I 9133	12 31 35	02 55 42	2076.5	550				
I 9134	12 31 54	02 27 42	3688.3	550				
I 9136	13 35 03	09 08 30	3639.6	550				
I 9137	20 36 36	65 55 54	1203.1	550				
I 9138	02 44 01	- 00 27 24	1352.4	550				
I 9143	15 08 29	57 11 24	2481.0	550				
I 9145	22 34 47	34 09 30	1207.8	550				
I 9146	03 05 49	03 55 18	1467.7	475				
I 9153	23 26 13	03 14 11	890.2	475				
I 9154	09 07 42	03 15 00	4651.9	504				
I 9155	12 22 48	05 12 00	5293.6	504				
I 9156	12 55 30	01 51 00	4789.7	504				
I 9157	11 33 33	70 26 00	6026.8	523				
I 9159	12 32 51	66 39 07	2046.6	523				
I 9162	00 55 13	28 07 14	1685.2	523				
I 9163	01 19 55	26 36 23	1692.8	523				
I 9183	02 59 18	- 15 02 00	5555.8	493				
I 9185	03 36 18	- 23 11 00	13922.2	493				
I 9193	07 16 22	07 29 41	7953.6	526				
I 9204	02 23 17	19 45 00	1542.8	551				
I 9217	07 29 31	10 35 24	2337.7	551				
I 9218	07 29 00	09 51 36	2455.6	551				
I 9220	10 29 36	- 34 36 00	921.8	551				
I 9224	13 07 34	- 01 16 48	2808.2	551				
I 9225	13 04 53	- 01 52 48	1730.3	551				
I 9227	13 57 17	62 56 24	1590.5	551				
I 9253	18 28 16	02 34 30	12330.3	535				
I 9254	06 41 15	- 01 58 06	4575.0	535				
I 9256	05 32 49	- 04 25 00	7136.7	1				
I 9257	03 54 26	24 20 00	1737.5	1				
I 9258	03 40 55	19 30 00	2492.0	1				
I 9283	02 35 53	16 24 04	1480.8	1				
I 9285	02 35 53	16 24 04	11872.8	1				
I 9310	12 26 33	02 19 41	1668.1	1				
I 9378	17 04 00	60 48 00	3446.3	1				
I 9389	17 27 00	50 12 00	1937.1	1				
I 9420	18 07 18	69 49 12	3264.9	1				
I 9460	05 38 00	69 15 00	10236.7	561				
I 9469	03 29 55	- 03 28 47	1027.1	3				
I 9470	03 29 55	- 03 28 47	1327.9	3				
I 9471	03 29 55	- 03 28 47	1619.4	3				
I 9472	03 29 55	- 03 28 47	1440.8	3				
I 9481	09 45 30	- 30 42 00	849.6	3				
I 9482	09 45 30	- 30 42 00	924.7	3				
I 9483	09 45 30	- 30 42 00	931.3	3				
I 9484	09 45 30	- 30 42 00	764.2	3				
I 9485	09 45 30	- 30 42 00	2013.4	3				
I 9502	14 10 39	- 02 58 30	2942.3	3				
I 9528	04 03 14	- 13 16 18	1780.2	307				
I 9541	16 24 00	- 24 19 59	1422.9	464				
I 9542	16 24 00	- 24 19 59	2500.6	464				
I 9543	16 24 00	- 24 19 59	2929.0	464				
I 9550	00 26 38	12 59 29	2203.1	0				
I 9551	00 26 38	12 59 29	2210.0	0				
I 9552	00 26 38	12 59 29	1984.2	0				
I 9553	00 26 38	12 59 29	2553.0	0				
I 9562	02 35 53	16 24 05	1372.6	0				
I 9610	12 17 38	02 20 21	1104.1	0				
I 9611	12 17 38	02 20 21	1491.9	0				
I 9612	12 17 38	02 20 21	1455.2	0				
I 9613	12 17 38	02 20 21	1581.8	0				
I 9647	15 14 45	- 24 11 20	2569.2	0				

SEQ #	Position(1950)						LIVE TIME	OBSERVER NUMBER
	RA	DEC						
I 9653	19 16 57	- 58 45 52	1106.0	0				
I 9667	21 41 13	17 29 49	1292.6	0				
I 9668	21 41 13	17 29 49	1272.3	0				
*I 9669	21 41 13	17 29 49	0.0	0				
*I 9670	21 41 13	17 29 49	0.0	0				
I 9672	21 41 13	17 29 49	1290.6	0				
I 9679	12 08 30	- 52 30 00	6540.9	44				
I 9680	18 14 58	49 50 55	1871.8	0				
I 9690	00 06 06	36 21 01	2063.4	478				
I 9691	02 55 13	20 28 10	4731.7	478				
I 9692	07 24 46	21 32 57	4279.6	478				
I 9693	08 22 25	- 02 29 53	2835.0	478				
I 9696	10 07 39	- 12 34 05	4589.0	478				
I 9701	12 59 50	63 52 43	4708.5	478				
I 9703	13 21 57	- 04 54 12	4057.9	478				
I 9704	13 39 44	08 39 29	4548.3	478				
I 9705	14 16 51	13 14 03	2981.2	478				
I 9706	14 29 34	62 24 22	4554.8	478				
I 9708	17 23 58	- 05 02 38	3886.8	478				
I 9709	17 50 48	06 06 37	2539.3	478				
I 9710	20 39 14	60 19 26	3662.6	478				
I 9711	21 58 32	72 56 30	3423.8	478				
I 9712	07 39 59	- 14 35 44	4938.8	468				
I 9713	19 39 48	16 38 00	8839.3	497				
*I 9906	04 30 30	05 15 00	0.0	0				
I 9911	18 06 58	09 08 28	1699.0	346				
I 9916	03 42 30	24 30 00	4706.9	1				
I 9917	03 46 30	24 30 00	6137.7	1				
I 9918	03 42 30	23 30 00	5669.9	1				
I 9919	03 46 30	23 30 00	5754.5	1				
I 9928	18 07 18	16 48 56	26940.6	1				
I 9937	06 49 08	- 06 54 22	5290.7	297				
I 9941	06 49 08	- 06 54 22	4193.4	297				
*I 9943	19 05 45	43 56 12	0.0	0				
I 9961	06 57 34	- 55 52 59	1891.2	3				
I 9967	03 23 33	28 32 32	2399.8	479				
I 9968	00 51 21	- 74 55 59	3347.1	479				
*I 9969	04 23 48	16 38 08	0.0	0				
I 9972	17 04 30	24 02 13	8188.1	0				
I 9974	12 34 24	26 16 00	20694.6	569				
I 9975	15 03 58	01 47 48	14344.0	589				
I 9977	00 38 19	- 21 00 10	1297.1	562				
*I 9980	14 04 38	- 26 46 52	0.0	0				
I 9984	23 00 00	58 35 59	2364.9	563				
I 9985	23 00 00	58 35 59	3114.3	563				
I 9986	23 00 00	58 35 59	2773.4	563				
I 10009	07 52 08	22 08 17	2956.2	596				
I 10058	10 08 53	- 60 23 57	5337.7	598				
I 10059	10 49 10	- 62 01 07	3552.1	598				
I 10061	22 25 23	55 59 53	4122.0	598				
*I 10063	16 01 24	66 56 28	0.0	0				
I 10066	21 01 00	67 57 54	3622.7	625				
I 10069	04 31 54	24 23 10	9511.7	590				
I 10070	16 08 41	- 18 30 55	17985.1	590				
I 10071	16 46 25	- 14 17 23	9584.4	590				
I 10074	03 16 09	16 17 39	2661.4	592				
I 10075	04 28 07	20 31 09	2774.4	592				
I 10077	07 42 48	10 18 32	3474.9	592				
I 10079	08 02 43	21 15 28	5085.2	592				
I 10080	17 30 13	- 13 02 46	4809.8	592				
I 10082	16 07 09	26 49 19	1463.8	592				
I 10086	15 22 22	15 31 48	4826.1	630				
I 10087	22 34 01	28 13 21	7144.8	630				
I 10093	10 40 54	15 09 06	4907.3	623				
I 10100	08 19 51	- 76 45 44	3634.9	626				
I 10101	21 21 58	09 57 29	5493.3	626				
I 10102	05 38 48	03 45 14	5050.4	626				
*I 10103	17 34 28	61 54 44	7.1	626				
I 10105	01 07 08	19 23 32	1528.8	626				
I 10106	11 23 33	- 63 41 47	2532.0	626				

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER	SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER		
	RA	DEC					RA	DEC					
I 10107	14	11	06	- 00 36 37	2175.5	626	*I 10349	11	00	00	- 77 10 01	0.0	0
I 10109	12	57	53	31 03 16	1432.4	626	I 10350	11	07	00	- 77 29 59	3128.4	2
I 10113	18	46	22	00 31 41	10873.0	593	I 10351	11	08	00	- 76 30 00	2278.3	2
I 10116	03	01	58	- 26 15 54	1405.8	579	I 10352	13	30	18	10 06 00	1391.5	2
I 10119	12	13	22	06 40 48	1994.8	579	I 10353	14	17	26	- 62 28 16	1707.5	2
I 10120	12	34	59	09 49 48	2248.4	579	*I 10361	12	28	18	12 40 01	19082.9	0
I 10122	22	35	01	23 32 18	1730.0	579	I 10362	12	28	18	12 40 01	9252.5	0
I 10125	00	07	57	10 41 49	4233.2	571	I 10368	15	25	46	22 43 23	11075.7	138
I 10129	22	03	13	- 00 33 29	9271.8	568	I 10369	05	31	31	21 59 00	210.9	5
I 10132	03	42	51	24 12 47	1942.3	599	*I 10370	05	31	31	21 58 59	408.8	0
I 10134	16	29	10	- 21 21 40	1253.9	599	I 10371	06	31	45	17 57 00	7747.9	64
I 10135	04	32	54	10 03 35	1421.2	599	I 10373	14	16	22	- 12 56 47	2375.4	0
I 10137	22	14	45	13 59 27	1954.0	618	I 10374	14	26	34	01 30 37	2258.3	0
*I 10146	05	02	54	- 75 33 06	0.0	0	I 10375	16	13	33	65 51 26	998.0	0
I 10148	15	30	42	58 34 48	1137.6	632	I 10379	02	13	47	17 52 41	10821.7	614
I 10150	04	48	18	- 04 06 06	5001.0	632	I 10382	09	27	36	06 29 36	10946.1	614
I 10152	17	04	00	- 01 20 06	1659.9	632	I 10384	14	44	03	07 41 22	7554.4	614
I 10153	04	09	00	- 07 52 30	4506.9	632	I 10386	14	16	22	- 12 56 47	2150.7	0
I 10156	16	52	36	- 18 04 24	2333.4	632	I 10387	14	16	22	- 12 56 47	1820.6	0
I 10157	22	35	48	28 51 54	1159.9	632	I 10388	14	16	22	- 12 56 47	1468.3	0
I 10159	17	36	36	17 22 24	1558.9	632	I 10389	14	16	22	- 12 56 47	2020.7	0
*I 10161	18	36	24	- 78 37 59	271.4	632	I 10390	14	26	34	01 30 37	2571.4	0
I 10165	17	47	18	- 01 01 30	5883.5	632	I 10391	14	26	34	01 30 37	2713.4	0
I 10181	08	02	04	10 23 56	10273.3	0	I 10392	14	26	34	01 30 37	2787.6	0
I 10183	06	43	03	- 16 48 25	6226.1	0	I 10393	14	26	34	01 30 37	2879.3	0
I 10184	06	43	03	- 16 48 25	7179.5	2	I 10394	16	13	33	65 51 26	1721.4	0
I 10193	19	11	00	04 50 30	12606.2	0	I 10395	16	13	33	65 51 26	1747.5	0
I 10194	16	19	00	73 22 00	3618.6	578	I 10396	16	13	33	65 51 26	1283.5	0
I 10197	14	04	12	72 20 59	4813.1	578	I 10397	16	13	33	65 51 26	1458.6	0
I 10198	14	15	48	72 20 59	4316.2	578	I 10404	15	22	10	30 04 59	5566.1	0
I 10200	11	48	00	- 62 30 00	2110.2	345	I 10407	15	17	51	20 26 53	40391.7	0
I 10201	23	25	12	23 18 53	4498.6	572	I 10410	04	20	37	14 49 10	2661.1	613
I 10203	06	17	37	- 10 36 52	10705.2	585	I 10412	04	23	42	16 35 07	1670.7	613
I 10206	06	34	49	16 26 37	4383.5	599	I 10413	05	32	59	- 05 57 00	2510.7	601
I 10209	16	29	10	- 21 21 40	3647.6	599	I 10414	05	29	28	- 00 22 00	2519.5	601
I 10223	02	26	11	- 10 45 36	7492.3	588	I 10415	06	35	13	09 59 00	4073.4	601
I 10224	02	35	24	- 02 04 00	5807.0	588	I 10418	14	49	05	19 18 27	1706.3	660
I 10225	05	03	07	- 11 56 24	14314.0	588	I 10420	07	59	44	- 03 50 00	5956.4	670
I 10226	08	03	16	- 11 17 06	3028.9	588	I 10421	14	35	37	63 49 35	3785.8	679
I 10227	08	38	14	- 03 56 36	3009.9	588	I 10422	18	21	41	10 42 44	11062.8	679
I 10228	11	21	06	- 08 24 00	5606.3	588	I 10429	14	11	11	67 49 11	1700.2	686
I 10229	11	44	32	- 16 34 36	7310.7	588	I 10431	00	14	20	16 20 00	17748.5	692
I 10231	08	23	13	03 19 18	19451.1	573	I 10432	00	15	20	15 35 00	16263.7	692
I 10235	02	12	50	73 35 40	9063.4	573	I 10433	18	03	42	21 26 00	20779.2	689
I 10239	14	48	59	76 13 13	4203.2	573	I 10434	03	58	48	10 16 00	2018.1	684
I 10240	02	05	24	72 15 25	4290.1	573	I 10437	14	14	14	09 06 39	9328.9	661
I 10241	03	37	56	- 18 44 22	4230.8	597	I 10438	15	59	54	08 54 00	5914.7	661
I 10242	09	56	08	- 26 41 14	5476.8	597	I 10443	16	42	25	- 03 12 31	11407.5	1
I 10243	12	35	29	74 28 10	5722.9	597	I 10449	13	26	54	12 00 00	2332.7	62
I 10244	13	16	53	- 12 23 38	6140.5	597	I 10452	02	35	07	01 45 30	20810.9	3
I 10245	13	47	35	60 26 21	5851.0	597	I 10456	15	02	55	02 17 37	16108.1	3
I 10253	17	20	05	- 23 43 05	10944.1	576	I 10464	15	32	47	23 40 06	17830.6	3
I 10254	04	29	00	25 15 00	2102.4	576	I 10473	05	49	46	- 07 28 06	6075.9	3
I 10255	06	38	25	09 32 30	7686.6	576	I 10474	14	44	36	- 11 48 00	11612.8	3
I 10258	17	54	24	04 59 24	9535.0	603	I 10489	02	53	24	- 08 48 00	5748.2	3
I 10267	19	22	00	14 25 00	5648.5	1	I 10490	03	01	24	- 12 11 00	17258.3	3
I 10268	19	22	15	13 46 00	8987.7	1	I 10497	17	38	55	- 17 52 45	3579.8	3
I 10269	19	19	50	13 50 00	3870.8	1	I 10533	16	48	42	05 05 00	41238.1	2
I 10270	19	20	07	14 17 00	4210.7	1	I 10538	04	30	54	18 06 32	2613.9	2
*I 10292	05	32	53	22 16 00	6583.6	0	I 10543	16	02	48	24 04 00	22761.6	2
I 10294	10	55	49	- 52 10 44	19870.0	181	I 10548	13	39	24	67 56 00	5567.7	2
I 10306	06	08	28	- 21 50 36	9533.2	624	I 10549	15	35	06	54 42 00	1678.1	2
I 10307	06	45	46	01 16 30	5706.7	624	I 10571	03	20	46	- 37 23 00	3855.3	2
I 10308	10	33	28	05 22 35	1487.1	624	I 10572	04	23	57	25 53 00	3326.2	2
I 10310	12	58	05	05 57 06	1335.0	624	I 10573	04	23	57	25 53 00	3529.2	2
I 10311	18	46	45	- 23 53 30	3627.7	624	I 10586	18	58	42	- 04 28 00	4068.5	3
I 10312	18	53	03	08 20 18	7384.1	624	I 10587	18	35	30	- 11 40 00	5017.6	3
I 10313	20	27	21	09 31 12	5609.9	624	I 10593	17	59	06	- 08 57 00	10021.5	0
I 10314	20	33	48	59 59 00	20871.7	2	I 10596	13	51	55	69 33 14	1547.5	2
*I 10331	22	52	43	- 03 26 42	79.2	0	I 10597	20	33	48	59 59 00	7444.1	2

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 10606	04 00 29	- 18 08 30	10441.2	705	
I 10608	15 52 42	11 12 00	3352.2	3	
I 10611	17 29 30	06 32 00	5489.4	3	
I 10612	18 17 18	21 14 00	21175.6	3	
I 10613	18 09 42	21 30 00	20639.3	3	
I 10621	18 43 22	07 09 43	8018.9	704	
I 10624	20 37 34	- 01 03 23	5377.3	433	
I 10632	03 23 38	02 14 47	9311.9	2	
I 10640	07 42 05	03 40 48	5671.5	0	
I 10642	07 01 09	20 38 43	2827.4	501	
I 10643	07 01 09	20 38 43	4939.4	501	
I 10648	04 04 30	- 12 51 00	9774.6	2	
I 10669	07 49 27	- 13 46 00	3569.7	686	
I 10671	21 44 02	04 20 31	12265.8	491	
I 10684	06 05 36	- 08 34 39	5893.9	3	
I 10685	06 07 26	- 15 42 21	6215.6	3	
I 10686	07 05 05	- 16 12 00	10605.7	3	
I 10687	19 14 26	19 26 00	8742.8	3	
I 10690	18 58 00	- 11 52 17	7115.5	3	
I 10691	20 44 50	00 10 00	5186.8	3	
I 10692	21 10 54	02 03 00	5906.1	3	
I 10703	17 47 31	- 06 41 06	5482.9	1	
I 10705	19 14 42	01 37 48	6647.4	1	
I 10706	19 17 50	- 00 13 48	7959.3	1	
I 10718	07 27 58	- 11 34 52	4934.5	0	
I 10719	19 18 09	10 56 15	4973.2	701	
I 10722	08 31 11	- 22 48 00	9647.5	0	
I 10723	17 46 16	19 34 50	2058.5	5	
*I 10724	17 46 15	19 34 50	21710.2	5	
I 10725	07 02 00	- 10 30 00	4777.4	2	
I 10726	07 02 00	- 11 18 00	6200.5	2	
I 10727	07 02 00	- 12 05 00	6979.8	2	
I 10743	07 27 00	- 09 00 00	7032.2	573	
I 10744	07 33 00	- 15 00 00	5774.1	573	
*I 10754	17 56 56	23 43 55	45170.6	5	
I 10755	17 56 56	23 43 55	31952.4	5	
*I 10764	08 13 24	- 38 33 00	0.0	0	
I 10765	08 33 36	- 43 00 00	5243.3	0	
I 10766	01 06 06	13 04 00	2587.3	22	
*I 10767	08 13 24	- 38 33 00	0.0	0	
I 10768	18 35 14	38 44 09	4140.5	0	
I 10769	06 48 00	30 24 00	1696.9	0	
I 10770	18 05 08	66 19 08	940.2	3	
I 10771	18 22 40	66 02 38	712.9	3	
I 10772	18 28 20	67 01 18	464.0	3	
I 10773	18 12 26	62 47 06	2095.2	3	
I 10774	17 40 55	69 42 54	1479.0	3	
I 10775	18 05 40	63 47 21	1026.2	3	
I 10776	18 14 56	64 33 03	552.9	3	
I 11001	00 51 21	- 74 55 59	5598.5		
I 11002	04 18 48	- 55 04 00	5132.1		
I 11004	05 37 21	- 44 06 48	7943.1		
I 11005	23 15 48	- 42 38 00	3634.3		
I 11008	03 31 48	- 36 18 00	3693.9		
I 11009	05 27 34	- 32 51 22	5227.1		
I 11010	05 48 50	- 32 16 56	5841.3		
I 11011	21 56 00	- 30 28 00	15858.3		
I 11012	12 50 00	- 28 59 00	2192.9		
I 11013	03 36 42	- 26 29 00	13799.1		
I 11014	15 14 48	- 24 11 00	3655.6		
I 11016	22 36 00	- 20 53 00	5171.1		
I 11017	14 17 00	- 19 15 00	2902.9		
I 11021	01 36 25	- 18 12 42	6824.0		
I 11022	23 45 00	- 16 48 00	3357.9		
I 11023	15 04 16	- 16 40 57	1987.4		
I 11025	11 27 36	- 14 32 53	3170.1		
I 11026	09 43 18	- 14 06 00	2981.6		
I 11027	08 59 55	- 14 04 00	5514.9		
I 11028	15 24 12	- 13 40 41	2789.0		
I 11029	04 31 24	- 13 21 00	9631.7		

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 11031	14 16 22	- 12 56 47	11787.6		
I 11032	04 05 27	- 12 19 34	2937.8		
I 11033	12 37 24	- 11 21 00	6433.3		
I 11034	16 34 24	- 10 28 00	6652.3		
I 11036	00 48 06	- 09 45 00	2028.7		
I 11037	15 10 06	- 08 55 00	3096.9		
I 11039	13 27 40	- 08 18 48	2185.4		
I 11041	12 53 36	- 05 31 08	28140.9		
I 11043	03 29 55	- 03 28 47	6757.7		
I 11044	16 42 25	- 03 12 31	20118.6		
I 11045	14 10 42	- 02 58 00	4147.8		
I 11046	03 36 59	- 01 56 17	3908.9		
I 11047	01 23 00	- 01 46 00	9997.7		
I 11048	00 53 48	- 01 31 00	10133.4		
I 11049	04 20 43	- 01 27 28	2770.2		
I 11053	04 40 00	- 00 23 00	3957.4		
I 11054	02 40 06	- 00 14 00	3931.7		
I 11056	03 58 30	00 17 00	3176.9		
I 11057	03 34 13	00 25 29	20225.9		
I 11058	04 22 00	00 29 00	2526.1		
I 11059	00 19 54	01 07 42	9789.1		
I 11060	14 26 34	01 30 37	15185.0		
I 11061	14 13 04	01 31 00	4025.6		
I 11062	09 07 00	01 34 00	3311.2		
I 11063	04 57 00	01 43 00	4064.9		
I 11064	13 30 18	02 19 00	2565.1		
I 11066	12 17 38	02 20 21	9271.1		
I 11067	03 53 00	02 42 00	5712.2		
I 11068	23 35 34	03 10 24	9614.8		
I 11069	12 42 33	03 19 48	12171.2		
I 11070	08 55 18	03 23 00	5863.1		
I 11072	04 30 30	05 15 00	46145.2		
I 11073	13 40 06	05 20 00	2851.4		
I 11074	02 55 00	05 50 00	12583.9		
I 11076	23 53 30	07 15 00	4653.1		
I 11077	10 54 00	07 19 00	2977.4		
I 11078	22 54 46	07 27 11	2823.0		
I 11081	23 00 44	08 36 31	3929.5		
I 11082	12 45 52	08 45 36	10293.2		
I 11084	21 30 00	09 56 00	6415.8		
I 11086	14 42 48	10 09 00	6121.6		
I 11087	03 56 10	10 17 32	7648.5		
I 11089	00 08 00	10 42 00	3269.7		
I 11091	04 10 48	11 05 00	2212.6		
I 11092	12 10 14	11 08 48	7104.5		
I 11093	08 30 36	11 15 29	4089.5		
I 11094	22 51 00	11 21 00	3359.2		
I 11096	12 50 06	11 32 36	12242.7		
I 11100	00 26 38	12 59 29	11151.9		
I 11102	12 34 18	13 26 00	5261.3		
I 11103	12 40 54	13 27 57	9575.7		
I 11104	12 09 44	13 29 00	5883.4		
I 11105	14 13 34	13 34 18	15500.3		
I 11109	00 54 36	14 30 00	15451.7		
I 11110	15 38 30	14 57 22	11645.5		
I 11112	02 04 10	15 02 37	24754.6		
I 11113	12 11 16	15 10 48	13869.6		
I 11114	23 35 00	15 33 00	3822.0		
I 11115	08 48 05	15 33 29	5517.4		
I 11116	22 51 30	15 52 55	4088.9		
I 11117	12 20 18	16 04 48	2753.1		
I 11118	14 00 21	16 14 21	5320.2		
I 11119	02 35 53	16 24 05	7713.5		
I 11120	00 24 00	16 53 00	12807.5		
I 11122	03 07 06	16 55 00	2050.9		
I 11123	14 50 24	16 57 00	9799.2		
I 11124	03 47 21	17 06 00	4282.4		
I 11126	21 41 13	17 29 49	3842.6		
I 11127	23 45 57	18 27 30	3616.2		
I 11129	08 55 24	18 53 00	6921.2		

Table K Field Centers of Seq Numbers

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 11134	23 29 20	19 39 42	9512.7		
I 11135	10 20 48	20 07 00	4468.2		
I 11137	08 51 48	20 14 00	20414.4		
I 11138	23 33 48	20 15 00	7650.6		
I 11139	12 25 00	20 36 00	4872.1		
I 11140	01 33 40	20 42 16	17191.7		
I 11141	15 45 30	21 02 00	3453.1		
I 11142	15 45 06	21 04 00	14294.8		
I 11143	07 52 08	22 08 18	5631.2		
I 11144	11 11 00	22 24 00	11634.4		
I 11145	15 25 46	22 43 23	12623.8		
I 11146	17 56 56	23 43 55	35368.9		
I 11148	16 02 48	24 04 00	23826.6		
I 11151	16 12 08	26 26 00	2594.0		
I 11155	15 56 12	27 22 00	7070.0		
I 11156	15 20 36	27 54 00	9477.3		
I 11157	03 23 33	28 32 32	7144.4		
I 11158	07 40 00	29 01 00	4062.7		
I 11160	01 31 06	30 24 00	33599.7		
I 11163	22 49 30	31 29 00	6765.4		
I 11164	13 09 24	32 28 00	7656.0		
I 11165	16 11 48	34 20 18	3671.3		
I 11167	12 12 16	36 56 00	6717.0		
I 11168	11 01 39	38 28 43	4172.3		
I 11170	12 08 00	39 40 00	26827.3		
I 11171	16 52 12	39 50 06	6663.9		
I 11172	16 41 17	39 54 11	3984.5		
I 11173	18 12 48	41 49 58	6010.8		
I 11174	17 27 00	50 12 00	36508.0		
I 11175	13 35 00	52 09 40	4325.7		
I 11178	14 01 30	54 36 00	16377.2		
I 11179	15 35 06	54 42 00	2705.4		
I 11180	07 17 24	55 51 00	10865.2		
I 11182	17 04 00	60 48 00	45972.8		
I 11183	16 23 19	61 37 00	5356.9		
I 11184	13 58 58	62 25 08	2982.5		
I 11194	16 13 33	65 51 26	7884.1		
I 11195	11 37 09	66 04 27	10722.8		
I 11203	13 39 24	67 56 00	7401.4		
I 11204	17 40 25	67 55 56	1146.5		
I 11214	06 09 48	71 03 00	3551.7		
I 11216	11 03 24	72 50 00	7035.6		
I 11220	20 37 36	88 02 00	2759.6		
I 11221	14 51 29	- 68 31 29	11454.9		
I 11229	08 07 59	- 47 10 58	4634.3		
I 11231	08 01 50	- 39 51 41	6468.3		
I 11232	09 45 30	- 30 42 00	6864.3		
I 11234	19 21 42	- 29 20 26	6468.2		
I 11237	07 41 48	- 28 18 00	5182.3		
I 11238	16 32 46	- 28 06 51	12782.6		
I 11239	16 24 00	- 25 30 00	3216.3		
I 11240	16 28 00	- 25 30 00	492.6		
I 11241	16 26 00	- 23 00 00	1278.9		

SEQ #	Position(1950)			LIVE TIME	OBSERVER NUMBER
	RA	DEC			
I 11242	07 16 38	- 24 51 42	5508.5		
I 11243	16 28 00	- 24 30 00	4292.1		
I 11245	16 24 00	- 24 19 59	6831.0		
I 11246	06 52 12	- 23 51 00	7000.7		
I 11247	16 29 10	- 21 21 40	4901.5		
I 11249	08 34 25	- 20 06 35	3790.0		
I 11250	08 12 52	- 18 53 59	9957.4		
I 11251	06 42 56	- 16 35 19	6553.4		
I 11252	06 07 26	- 15 42 21	9082.9		
I 11254	17 30 13	- 13 02 46	9090.3		
I 11256	05 45 23	- 09 41 12	14702.1		
I 11257	17 59 06	- 08 57 00	12206.4		
I 11258	06 05 36	- 08 34 39	9642.0		
I 11260	06 49 08	- 06 54 22	13490.9		
I 11263	05 32 59	- 05 56 28	3878.5		
I 11264	05 33 40	- 01 13 54	11716.9		
I 11266	05 29 28	- 00 20 04	4647.8		
I 11269	07 36 42	01 44 00	4163.2		
I 11271	07 42 00	03 41 00	13160.1		
I 11275	07 39 54	09 30 00	17985.7		
I 11277	06 38 13	09 56 00	4414.4		
I 11281	19 39 55	16 59 00	10978.1		
I 11284	07 35 06	17 49 00	3684.5		
I 11286	04 30 54	18 06 32	5257.4		
I 11287	20 33 18	18 46 40	5243.8		
I 11288	06 32 06	19 06 24	4897.1		
I 11289	07 01 09	20 38 43	7766.8		
I 11290	20 18 02	20 56 39	10006.8		
I 11292	04 00 04	25 51 47	4261.2		
I 11293	04 23 57	25 53 00	6855.5		
I 11295	04 33 42	27 02 00	6626.3		
I 11296	03 52 15	30 54 01	5192.5		
I 11298	18 55 40	33 53 06	3409.3		
I 11302	02 19 30	42 48 30	5213.7		
I 11303	03 27 48	43 44 06	22185.7		
I 11304	19 06 00	43 58 00	4145.3		
I 11305	22 06 39	45 29 44	26611.8		
I 11307	23 00 00	58 35 59	8252.6		
I 11308	20 33 48	59 59 00	33185.1		
I 11309	22 17 41	63 03 45	13912.5		
I 11311	04 49 04	66 15 39	3359.3		
I 11312	02 24 43	67 08 06	1806.9		
I 11314	02 12 50	73 35 40	11901.2		
I 11315	23 40 00	75 16 00	4836.0		
I 11317	21 35 01	- 14 46 27	14391.5		
I 11318	08 08 44	- 76 23 57	1733.9		
I 11319	05 25 55	- 66 07 48	3642.5		
I 11321	01 36 31	- 18 12 59	11766.1		
I 11322	02 35 53	16 24 04	14886.4		
I 11323	14 10 39	- 02 58 30	9366.9		
I 11324	06 43 03	- 16 48 25	13336.0		
I 11325	07 35 14	17 49 12	7371.9		
I 11326	15 14 45	- 24 11 20	4903.8		

APPENDIX L

Guest Observers

Each guest proposal was assigned a number by NASA. If the proposal was approved (in whole or in part), it appears below. After the number, we give the investigator(s), the home institution, and the title of the proposal.

Because proposal numbers 1–5 were preempted after the fact for consortium purposes (0 for those observations originating from SAO; 1, from the Columbia Astrophysical Laboratory; 2, from the Massachusetts Institute of Technology; 3, from the Goddard Space Flight Center; 4, unused; and 5, for calibrations and tests), the first few Guest Observer Proposals were reassigned numbers starting at 991 and appear at the end of the list which begins on the following page.

GUEST OBSERVERS LISTED IN EINSTEIN CATALOG OF OBSERVATIONS

No.	Investigators; Institution; Title
6	Perola G., Maccacaro T.; Univ Milan; Narrow Emission Line Galaxies
7	Sarazin C., Levinson F., Roberts W.; Univ Virginia; NGC 5194 (M51)
9	Kahler S; Amer Sci & Eng; To Detect and Study Flare X-ray Emission from YZ Canis Minoris
10	Fabian A., Davies R., Mitchell R., Pringle J., Rees M., Whelan J.; Univ Cambridge; Accreting White Dwarfs: RS Cen and SY For; Gamma Geminorium/CG 195+4; Colliding Stellar Winds
12	Ghigo F.; Brandeis Univ; Survey of Ring Galaxies
13	Gibson D.; New Mexico Tech; A Coordinated Multi-Frequency Investigation of Super Solar Flares on HR 1099
14	Gibson D.; New Mexico Tech; The Size and Structure of the Corona of RT Lacertae
15	Garmire G., Tuohy I.; Penn State Univ; Study of the Supernova Remnant RCW103
16	Cassinelli J.; Univ Wisconsin; Search and Analysis of the X-ray Emission from Luminous Early-Type Stars
17	Maccagni D., Tarengi M.; Natl Res Council-Italy(Milan); X-ray Emission from BL Lac Objects Associated with Groups or Clusters of Galaxies
18	Harris D., Costain C., Dewdney P., Miley G., Willis A.; Dominion Radio Astro Obs; Detection of Non-Thermal Sources by Inverse-Compton Emission from 3K Photons
19	McCray R., Boynton P., Shull J.; Univ Colorado; Soft X-ray Spectroscopy of Hercules X-1
20	Chincarini G., Herczeg T.; European So. Obs; Observations of the Rapid Variable AE Aquarius
21	Chincarini G., Branch D., Giovanelli R., Haynes M., Tarengi M.; European So. Obs; Observations of Selected Superclusters in the HEAO-B Guest Investigator Program
22	Tyson J., Crane P., Saslaw W.; Bell Labs; Optical Objects in the Lobes of Radiogalaxies
23	Haisch B., Linsky J., Slee O.; Lockheed Res Lab; A Coordinated X-ray, Optical and Microwave Study of the Flare Star Proxima Centauri
24	Pottasch S., deJager C.; Univ Groningen; Soft X-ray Spectrophotometry of Selected Stars with Expanding Atmospheres
26	Szkody P., Crosa L., Wallerstein G.; Univ Washington; X-ray and Optical Study of the High Polarization Variables AM Her, VV Pup, AN UMa
28	Lamb R.; Iowa State Univ; Supernova Remnants Near Cos-B Gamma-ray Sources
30	Scott J., Becker R.; Univ Arizona; HEAO-B Observations of Distant Quasar Associated Clusters of Galaxies
32	Bowyer C., Mason K.; Univ Cal-Brkly; Observations of U Geminorum with HEAO-B
34	Nelson J., Cordova F.; Univ Cal-Brkly; A Sensitive Search for X-ray Emission from Novae and Nova-like Objects
39	Boynton P.; Univ Washington; Coordinated Far-Infrared Observations of Rich Clusters of Galaxies
40	Garmire G.; Penn State Univ; Search for X-ray Emission from Dwarf Novae
43	Bowyer C., Charles P., Thorstensen J.; Univ Cal-Brkly; A Study of the Aql X-1/MXB1905+00 Field
44	Bowyer C., Charles P., Mason K.; Univ Cal-Brkly; X-ray Morphology of Two New Supernova Remnants
46	Winkler P.; Middlebury College; The Nature of SN1006
47	Shen B., Fawley W., Johnston K.; Univ Penn; Simultaneous X-ray and Radio Observations of Extragalactic Sources
52	Bowyer C., Cash W., Charles P., Kahn S.; Univ Cal-Brkly; Observations of Five New X-ray Emitting White Dwarfs
53	Bowyer C., Cash W.; Univ Cal-Brkly; Study of High Mass Seyferts/Mkn 541, NGS 7469, Mkn 590
54	Bowyer C., Charles P., Walter F.; Univ Cal-Brkly; RS CVn Systems: A Survey and Detailed Studies of Selected Systems
56	Allen D.; Anglo-Australian Obs; Observations of Symbiotic Stars

Appendix L: Guest Observers

No.	Investigators; Institution; Title
57	Perrenot S.; Kitt Peak Obs; The Evolution of X-ray Cluster Spectra
60	Bowyer C., Lampton M.; Univ Cal-Brkly; A Soft X-ray Observation of Procyon
61	Owen F.; Natl Radio Astron Obs-VA; Sources with Strong Millimeter Emission
62	White R., Burns J.; Natl Radio Astro Obs-VA; HEAO-B Imaging Proportional Counter X-ray Observations of Poor Clusters Containing Radioactive cD Galaxies
64	Bignami G., Caraveo P., Lamb R., Worrall D.; Natl Res Council-Italy(Milan); Galactic Plane Regions Associated with Selected Cos-B Gamma-Ray Sources
66	Venkatesan D., Galas C., Naranan S.; Univ Calgary; Study of the X-ray Supernova Remnant HB3
67	Ulmer M., Cruddace R.; Northwestern Univ; The Abell Cluster A399-A401 Region
70	Hutchings J.; Herzberg Inst; Search for Weak or Blanketed Galactic Binary X-ray Sources
71	Nelson J., Cordova F.; Univ Cal-Brkly; Extension of Proposal to Search for X-ray Emission from Novae and Nova-like Objects
72	Margon B.; Univ Cal-LA; X-ray Imagery of the Nearby Qso 0241+622
78	Clark D., Tuohy I.; Royal Greenwich Obs; A Study of the Supernova Remnant W63
79	Clark D., Tuohy I.; Royal Greenwich Obs; Study of the Supernova Remnant MSH11-54
81	Wilson A.; Univ Maryland; An Investigation of the Relation Between Seyfert and Other Active Nuclei Galaxies
82	Wilson A., Kundu M.; Univ Maryland; Studies of Crab Nebula-like Supernova Remnants
84	Seaquist E., Gilmore W.; Univ Toronto; X-ray Observations of Compact Radio Sources Associated with Supernova Remnants
86	Sarazin C., Quintana H., White R.; Univ Virginia; X-ray Observations of Southern High-Redshift Clusters
87	Patterson J., Nather R., Robinson E.; Univ Texas; Rapid Periodicities in Cataclysmic Variables
88	Garmire G., Tuohy I.; Penn State Univ; An SSS Observation of the Supernova Remnant RCW103
89	Matilsky T.; Rutgers Univ; Investigation of X-ray Emission from Broad-line and Narrow-line Radio Galaxies
90a	Mitchell R., Fabian A., Lucy J., Nulsen P.; Univ Cambridge; A Study of the Rich Supercluster at 0330-53
95	Dennison B.; Virginia Polytech Inst.; Magnetic Fields in Clusters of Galaxies
96	Culhane J., Clark D., Zarnecki J.; Mullard Spc Flt Ctr; Study of Selected Supernova Remnants in the Large Magellanic Cloud
97	Stern R., Antiochos S., Underwood J.; Jet Propulsion Lab; A Search for Soft X-ray Sources in the Central Region of the Hyades
99	Zwaan C., Brinkman A., Mewe R.; Sonnenborgh Obs; Coronal Activity in F G, and K Stars
100	Kruszewski A., Heise J., Mewe R., Paczynski B.; Warsaw Univ; AM Herculis Type and Related Objects
101	Silk J., White S.; Univ Cal-Brkly; Observations of Rich Galaxy Clusters
102	Anderson K., Lea S.; Univ Wisconsin; Evolution of Fe Abundance in Clusters of Galaxies
104	Cruddace R., Carroll R., Dupree A.; Naval Res Lab; X-ray Emission from W UMa Stars
105	McKee C., Charles P.; Univ Cal-Brkly; Interaction of Supernova Remnants with the Interstellar Medium
106	Bowyer C., Charles P., Walter F.; Univ Cal-Brkly; The Corona of Xi Bootes
110	Singh K., Apparao K., Manchanda R.; Tata Inst; Observation of X-ray Emission from Gamma Ray Sources CG075+90 and CG189+1
112	Weedman D.; Penn State Univ; (a) Selected High Redshift Quasars and (b) Bright Galactic Nuclei with Strong Emission Lines
113	Metzger A., Gilman D., Luthey J., Schnopper H.; Cal Inst Tech; Observations of the Galilean Satellites and Saturn's Rings

Appendix L: Guest Observers

No.	Investigators; Institution; Title
115	Montmerle T., Bonnet-Bidaud J., Koch-Miramond L., Lebrun F., Paul J.; Ctr for Nuclear Studies-Saclay; Search for Extended X-ray Emission from Objects Possibly Associated with Cos-B Gamma Ray Sources
116	O'Dell S., Ledden J.; Virginia Polytech Inst.; X-ray Emission from Optically-Quiet Compact Radio Sources
118	Nishimura J., Fujii M., Jugaku J., Ogawara Y., Tawara Y.; Univ Tokyo; Search for a Gamma Ray Burst Source
120	Tanaka Y., Inoue H., Koyama K., Matsuoka M., Yamashita K.; Univ Tokyo; Observation of Soft X-rays from Hot Plasma in the Small Magellanic Cloud
122	Naranan S., Apparao K.; Tata Inst; Study of X-rays from the Supernova Remnant MSH 14-63
123	van der Laan H., Roos N., Valentijn E.; Univ Leiden; X-ray Observations of Groups of Galaxies
127	Marscher A.; Univ Cal-San Diego; X-ray Observations of the Radio Bursting Quasars NRAO 140 and NRAO 530
128	Ayres T., Haisch B., Linsky J.; Univ Colorado; Are Hot Coronae Ubiquitous Among Late-Type Stars: A Probe of the Corona-Wind Boundary in the HR Diagram
133	Cline T., Evans D.; Goddard Spc Flt Ctr; Location of Gamma Burst Source
134	Gahm G., Fredga K.; Stockholm Obs; Soft X-rays from T Tauri Stars
138	Matilsky T.; Rutgers Univ; Search for X-ray Emission from Nearby Quasars
140	Padrielli L., Fanti C., Fanti R., Ficcara A., Mantovanni R., Zamorani G.; Natl Res Council-Italy(Bologna); Four Low Frequency Variable Radio Sources
141	Zamorani G., Fanti R., Feretti L., Parma P.; Natl Res Council-Italy(Bologna); Seven Optically Selected/Radio Quiet Quasars with Continuous Spectrum
145	Hartman R., Bignami G., Lamb R., Thompson D.; Goddard Spc Flt Ctr; Mapping of X-ray Emission from Selected Cos-B Gamma-ray Source Regions
146	O'Dell S., Ledden J.; Virginia Polytech Inst; X-ray Emission from BL Lac Objects
147	O'Dell S., Condon J.; Virginia Polytech Inst; X-ray Emission from Bright Optically-Selected Quasars
148	Biermann P., Kronberg P., Madore B.; Max Planck Inst; Group of SO/E Galaxies Around NGC 3607
149	Hiltner W., Williams G.; Univ Michigan; X-ray Flux and Spectral Observations of 2A 0311-227, An Optically Identified Spectroscopic Binary
152	Kraushaar W., Sanders W.; Univ Wisconsin; A Study of Soft X-ray Absorption by Dense Interstellar Clouds
153	Bonnet-Bidaud J., Buccheri R., D'Amico N.; Ctr for Nuclear Studies-Saclay; Search for X-ray Emission from New Gamma Ray Pulsars in Relation with Cos-B Observations
154	Vallee J.; Herzberg Inst; Classical Doubles in Rich Cluster
155	Bowyer C., Charles P., Mason K.; Univ Cal-Brkly; Improved Positions of HEAO-1 Low Energy X-ray Sources
156	Bowyer C., Cash W., Charles P.; Univ Cal-Brkly; An HRI Image of the 40 Eridani Triple System
158	Silk J., Krumm N., Norman C.; Univ Cal-Brkly; Extended Gaseous Halos of Galaxies
160	Riegler G., Agrawal P.; Jet Propulsion Lab; Obtain X-ray Image of a Newly Discovered High Latitude Soft X-ray Source H0137-68
161	Riegler G., Agrawal P.; Jet Propulsion Lab; Study of Soft X-ray Emitting BL Lac Sources H2156-304 and PKS 0548-322
162	Riegler G., Agrawal P.; Jet Propulsion Lab; X-ray Mapping of a Newly Discovered Soft X-ray Extended Source H1540-32: A Possible Old Supernova Remnant
163	Strittmatter P., Condon J., Smith M., Weymann R.; Univ Arizona; The X-ray Properties of Well-Studied Intermediate and Large Redshift Quasars: A Pilot Study
164	DeCampi W.; Cal Inst Tech; X-ray Observations of T Tauri Stars
167	Garmire G.; Penn State Univ; Determining the Location of HEAO-A2 Soft X-ray Sources

Appendix L: Guest Observers

No.	Investigators; Institution; Title
168	Garmire G., Nousek J.; Penn State Univ; Mapping the 0.5-1.2 keV Diffuse Features near the Galactic Center
169	Gull T., Bruhweiler F., Sofia S.; Goddard Spc Flt Ctr; Supernova Remnants in the Small Magellanic Cloud and Their Relevance to Galactic Evolution
170	Gull T., Bruhweiler F., Sofia S.; Goddard Spc Flt Ctr; What Nebulae are Supernova Remnants in the Large Magellanic Cloud?
173	Serio S.; Astron Obs-Palermo; HEAO-2 Observations of the W42 Far-Infrared Source Region
177	Tarafdar S., Apparao K.; Tata Inst; X-ray Observation of Planetary Nebulae
178	Ulmer M., Bhavsar S., Shulman S.; Northwestern Univ; Observations of Distant Abell Clusters Discovered as X-ray Sources by HEAOA-1
179	Snow T., Cash W.; Univ Colorado; X-ray Emission from Normal or Peculiar A Stars
180	Ulmer M., Bhavsar S., Cruddace R.; Northwestern Univ; Observations of IC3576 and NGC 4410a/b
181	Cheng A.; Rutgers Univ; Search for Decrease in Radio Pulsar X-ray Luminosity During Radio Nulls
182	Burns J.; Natl Radio Astron Obs-NM; HEAO-2 Guest Observations of Poor Zwicky Clusters of Galaxies Which Contain Extended Radio Sources
184	Kuhi L., Walter F.; Univ Cal-Brkly; X-ray Emission from T Tauri Stars
186	Wilson A., Dressel L., O'Connell R.; Univ Maryland; X-ray Study of Elliptical and SO Galaxies with Compact Nuclear Radio Cores
189	Greenhill J., Hill P., Thomas R., Watts D.; Univ Tasmania; Simultaneous HEAO-2 and AAT Observations of AM Her-Like Objects
191	Mufson S., Hutter D.; Indiana Univ; An Investigation of the X-ray and Optical Properties of S-Type Markarian Galaxies
192	Mufson S., Kaitchuck R.; Indiana Univ; Simultaneous Photometric and Spectroscopic Observations of X Persei
193	Simon M.; State Univ New York; X-ray Imaging Observations of H II Region/Molecular Cloud Complexes Using HEAO-B
196	Carter D., Godwin J.; Anglo-Australian Obs; Correlation of X-ray Surface Brightness and Optical Structure in Rich Clusters of Galaxies
197	Mitrofanov I.; Ioffe Inst-USSR; Program of X-ray Observations of AM Herculis-Type Stars on HEAO-B
198	Sanford P., Parkes G., Parmar A., Polidan R., Pollard G.; Mullard Spc Sci Lab; V861 Sco/OAO1653-40
200	Riegler G., Agrawal P.; Jet Propulsion Lab; Study of Three Supernovae Remnants Discovered as X-ray Sources from HEAO-1
203	Spinrad H., Bowyer C., DeYoung D., Mason K.; Univ Cal-Brkly; High Resolution X-ray, Optical and Radio Imagery of PKS 0837-12
205	Fishman G., Duthie J.; Marshall Spc Flt Ctr; X-ray Study of KR Aurigae
208	Linsky J., Ayres T.; Univ Colorado; Studies of the Correlation Between X-ray Emission from Stars and the Presence of a Strong Stellar Wind and Stellar Rotation Rate
210	Gregory P., Fahlman G.; Univ Brit Columbia; X-ray Identification of Variable Radio Sources from the UBC-Green Bank Variable Source Survey
213	Davis M., Carleton N., Carswell R., Chaffee F., Walsh D., Weymann R.; Harvard Univ; Collaborative Studies of the Twin Quasar 0957+561A,B
214	Riegler G., Agrawal P.; Jet Propulsion Lab; X-ray Study of RS CVn-like Binary Stars
215	de Ruiter H.; European So Obs; Radio Weak Quasars
216	Bowyer C., Charles P., Phillips M.; Univ Cal-Brkly; An X-ray and Optical Study of Nearby Seyfert 2 and Emission Line Galaxies
218	Hudson H.; Univ Cal-San Diego; Comets

Appendix L: Guest Observers

No.	Investigators; Institution; Title
219	Palumbo G., Maccacaro T., Panagia N., Zamorani G.; Natl Res Council-Italy(Bologna); Supernova Johnson in NGC 4321 (M100)
222	Bowyer C., Walter F.; Univ Cal-Brkly; An Investigation of the Correlation of Coronal and Chromospheric Activity with Binary Period
227	Zirin H.; Hale Obs; Investigation of Stellar Chromospheric and Coronal Activity
228	Cordova F.; Los Alamos Sci Lab; A Study of the Cygnus X-6 Features
230	Bunner A., Kraushaar W.; Perkin-Elmer Corp; Location and Identification of OSO-8 Soft X-ray Sources
231	Biermann P., Kronberg P., Preuss E.; Max Planck Inst; Interacting Galaxies with Compact (VLBI) Radio Nuclei
232	Kondo Y., Bruhweiler F., Hackney K., Hackney R.; Goddard Spc Flt Ctr; Quasi-Simultaneous Observations of BL Lacertae Objects with the IUE
233	van der Laan H., Bijleveld W., Valentijn E.; Univ Leiden; X-ray Surface Brightness Distribution of A2241
236	Singh K., Naranan S.; Tata Inst; Search for X-rays from Single-Line Spectroscopic Binaries
237	Tuohy I., Clark D., Dopita M., Mathewson D.; Mt. Stromlo Obs; A Spectral Investigation of Selected Supernova Remnants in the Magellanic Cloud
239	Kuhr H., Biermann P., Witzel A.; Max Planck Inst; Observations of Very Bright Suspected BL Lac Objects
240	Kronberg P., Clarke J., Piermann P.; Univ Toronto; Two Highly Redshifted Quasars, One Compact and One Extended
241	Glassgold A.; New York Univ; Gaseous Coronae of Galaxies
242	Lamb R., Markert T.; Iowa State Univ; Radio Sources Near Cos-B Gamma-Ray Sources
244	Nelson J., Cordova F.; Univ Cal-Brkly; Further Investigations of Cataclysmic Variable Stars
245	Catura R.; Lockheed Res Lab; Scattering from Interstellar Dust
246	Bregman J.; New York Univ; Red Quasars
247	Rubin V., Burstein D.; Carnegie Inst; Nuclear Activity and Nuclear Mass Concentration in Ordinary Spiral Galaxies
248	Cline T., Desai U., Evans W., Hurley K., Klebesadel R., Laros J., Niel M., Pizzichini G., Teegarden B., Vedrenne G.; Goddard Spc Flt Ctr; Proposal to Study Precise Gamma-Ray Burst Source Positions
249	Burbridge E., Junkkarinen V., Marscher A.; Univ Cal-San Diego; X-ray Observations of Absorption-Line Quasars
251	Kirshner R., Winkler P.; Univ Michigan; Search for X-rays from the Supernova Remnant in NGC 4449
252	Tapia S., Charles P., Tyson J.; Univ Arizona; X-ray and Optical Studies of HDC 310376
253	Snow T., Cash W., Grady C.; Univ Colorado; Soft X-ray Variability in OB Stars with the Einstein Observatory
254	Linsky J., Basri G., Stencel R.; Univ Colorado; A Study of Coronae in Three Peculiar Late-Type Stars
255	Wallerstein G., Willson L.; Univ Washington; X-ray and Optical Study of Symbiotic Stars
256	Cruddace R., Dupree A.; Naval Res Lab; Observations of W UMa Stars
257	Wood K., Johnson K., Snyder W.; Naval Res Lab; A Proposal for Simultaneous X-ray and Radio Observations of Selected BL Lac Type Objects
259	Huggins P.; New York Univ; Supernova-Like Quasars
260	Mufson S., Wisniewski W.; Indiana Univ; Coordinated X-ray and Optical Observations of Mrk421, Mrk501, and B2 1308+326

Appendix L: Guest Observers

No.	Investigators; Institution; Title
261	Dupree A., Cruddace R.; Harvard College Obs; Spectral Observations of W UMa Stars
264	Garmire G.; Penn State Univ; HRI and HRI/OGS Observations of CP Pupis
265	Gibson D.; New Mexico Tech; The Size and Structure of the Corona of AR Lacertae
266	Cassinelli J., Anderson C.; Univ Wisconsin; Observations and Analysis of X-ray Emission from Ae/Be Stars
267	Cassinelli J., Dupree A.; Univ Wisconsin; Simultaneous X-ray and Ultraviolet Observations of OB Supergiants
268	Cassinelli J.; Univ Wisconsin; Search and Analysis for the X-ray Emission from Luminous Early-Type Stars
269	Anderson C., Cassinelli J.; Univ Wisconsin; Search for and Analysis of X-ray Emission from Symbiotic Stars
271	Koch R., Guinan E., Plavec M.; Univ Penn; Stellar Envelopes of Active Close Binaries
272	Scott J., Hintzen P., Holman G., Sofia S.; Univ Arizona; A Search for an X-ray Halo in Abell 2255
273	Michaud G., Fontaine G., Montmerle T.; Univ Montreal; Search for Coronal Emission in Helium-Rich White Dwarfs
274	Cassinelli J., van der Hucht K.; Univ Wisconsin; Observations of Wolf Rayet Stars Which Have Optical OVI Emission
276	Hutchings J., Cowley A., Crampton D.; Herzberg Inst; X-radiation from Recent Novae
279	Hartwick F., Cowley A.; Univ Victoria; Search for Globular Cluster Winds from Soft X-ray Observations
280	Cowley A., Hutchings J.; Univ Michigan; Hot Components in Symbiotic Stars
281	Hutchings J., Cowley A., Crampton D.; Herzberg Inst; X-ray from Binary O Stars
282	Cowley A., Crampton D., Hutchings J.; Univ Michigan; The Doubly-Pulsing X-ray Source 4U1145-61=HD102567
283	Rosado M., Monnet G.; Natl Aston Obs of Mexico; Bubbles in the LMC - Stellar Wind Origin
284	O'Dell S., Dennison B.; Virginia Polytech Inst; Coordinated HEAO-2 Observations of Low Frequency Variable Radio Sources
286	Wilson A., Kundu M.; Univ Maryland; Studies of Crab Nebula-Like Supernova Remnants
288	Catalano S., Blanco C., Marilli E., Peres G., Serio S.; Univ Catania; Selected Late-Type Single Stars Showing Chromospheric Activity
289	Catalano S., Marilli E., Rodono M., Sciortino S., Serio S., Strazulla G.; Univ Catania; Variability of Selected Late-Type Stars
291	Rodono M., Cristaldi S., Parsani V., Peres G., Romeo G., Serio S.; Univ Catania; Selected BY Draconis Stars
297	Doazan V., Kuhl L., Marlborough J., Snow T., Thomas R.; Paris Obs; Variability of Be and B Supergiants in the Far UV
300	Allen D., Hawarden T., Longmore A.; Anglo-Australian obs; Gas Stripping in NGC 5291
302	Davis M., Huchra J., Schild R.; Harvard Univ; CD Galaxies with Multiple Nuclei
303	Biermann P., Fricke K., Kuhr H., Pauliny-Toth I., Strittmatter P., Witzel A.; Max Planck Inst; Observations of a Complete Sample of Radio Sources with Flat or Inverted Spectra
306	Silk J., White S.; Univ Cal-Brkly; A High Resolution Study of a Very Distant Rich and Luminous Cluster of Galaxies
307	Miller J., Blumenthal G.; Univ Cal-Santa Cruz; The Relations Between Optical and X-ray Emission from Quasars and BL Lacertae Objects
309	Cash W., Charles P.; Univ Colorado; Search for X-ray Superbubbles with the Einstein Observatory
312	Ulmer M., Cruddace R.; Northwestern Univ; Observations of Abell Clusters Discovered as X-ray Sources by HEAO-1, II
313	Tyson J., Jarvis J., Perrenod S.; Bell Labs; X-ray Observations of an Optically Selected Complete Sample of Distant Abell-Like Clusters

Appendix L: Guest Observers

No.	Investigators; Institution; Title
314	Bunner A., Kraushaar W.; Perkin-Elmer Corp; Search for Variable Soft X-ray Emission from SMC X-1
315	Richstone D.; Univ Pittsburgh; High Resolution X-ray Observations of cD Galaxies in Rich Clusters
316	Michalitsianos A., Hobbs R., Kafatos M., Maran S.; Goddard Spc Flt Ctr; Soft X-ray Observations of the High Excitation Symbiotic Star RW Hya
317	McCluskey G., Kondo Y.; Lehigh Univ; Interacting Close Binary Systems
318	Faber S.; Univ Cal-Santa Cruz; X-ray Emission from Clusters of Galaxies with Unusual Optical Morphology
319	Young A., Van Buren D.; San Diego State Univ; X-ray Emitting Evolved Eclipsing Binaries
321	Johnson H.; Lockheed Res Lab; Extension of a Coherent X-ray Sampling of Nearby Stars
322	Johnson H.; Lockheed Res Lab; X-ray Observations of Clusters of Galaxies
328	Fabian A., Stewart G.; Univ Cambridge; Elliptical Galaxies
330	Biermann P., Fricke K., Heckman T.; Max Planck Inst; X-ray Properties of Low Ionization Nuclear Emission Line Galaxies
331	Biermann P., Fricke K., Schnur G., Sherwood W.; Max Planck Inst; Two Newly Discovered Seyfert 1 Galaxies
335	Dressler A.; Hale Obs; Detailed Study of Irregular Clusters of Galaxies
340	Haisch B., Linsky J., Slee O.; Lockheed Res Lab; A Coordinated X-ray, Optical and Radio Study of the dMe Flare Star Proxima Centauri
341	Haisch B., Simon T.; Lockheed Res Lab; A Critical Test of the Coronae/Winds Division Among Late-Type Stars
343	Sullivan W.; Univ Washington; X-ray Images of Spiral-Rich Clusters of Galaxies
344	Lamb R.; Iowa State Univ; Follow-up Study of the CG284-1 Region
345	Lamb R.; Iowa State Univ; Follow-up Studies of the CG295+0 Region
346	Cruddace R., Dupree A.; Naval Res Lab; Survey of W UMa Stars
347	Szkody P., Crosa L.; Univ Washington; X-ray Study of Four Blue Galactic Emission Line Objects
352	Riegler G., Agrawal P., Stern R.; Jet Propulsion Lab; Detection of X-ray Emission from Beta Cephei Stars
353	Riegler G., Agrawal P., Stern R.; Jet Propulsion Lab; Investigation of a Group of Single-Line Spectroscopic Binaries Which may be Soft X-ray Emitters
355	Bruhweiler F., Gull T.; Goddard Spc Flt Ctr; An X-ray Study of Shell-Like Structures Associated with Mon OB1 and OB2
356	Costain C., Dewdney P., Harris D.; Dominion Radio Astro Obs; Radio Sources with Steep Spectra
357	Panagia N.; Natl Res Council-Italy(Bologna); X-ray Study of the Dwarf Galaxies of the M101 Group
358	Tuohy I., Garmire G.; Mt. Stromlo Obs; Location and Identification of the New Soft X-ray Source H0455+51
359	Longair M.; Royal Obs-Scotland; X-ray Observations of a Complete Sample of 3CR Radio Galaxies
360	Kruszewski A., Heise J., Krzeminski W., Mewe R., Paczynski B.; Warsaw Univ; AM Herculis Type and Related Objects
361	Bignami G., Caraveo P., Lamb R., Markert T., Paul J., Worrall D.; Natl Res Council-Italy(Milan); Location of a New IPC X-ray Source Possibly Identified with the Highly Variable Radio Star LSI+61 303
362	Stocke J.; Univ Arizona; X-ray Properties of Close Pairs of Galaxies
363	Cordova F.; Los Alamos Sci Lab; Further Investigations of Cataclysmic Variable Stars
366	Maccagni D., Tarengi M.; Natl Res Council-Italy(Milan); (a)Further Study of the X-ray Emission of 6 BL Lac Objects Associate With Groups or Clusters of Galaxies,(b)Search for the X-ray Emission of 12 Faint BL Lac Objects
367	Harris D., Costain C., Dewdney P., Ekers R.; Dominion Radio Astro Obs; Galaxies in Clusters

Appendix L: Guest Observers

No.	Investigators; Institution; Title
368	Bergeron J., Lachize-Rey M.; Astro Inst of Paris; X-ray Survey of Narrow Line Galaxies
372	Garmire G., Nousek J.; Penn State Univ; A Hot, Nearby White Dwarf: LHS145
373	Garmire G., Nousek J.; Penn State Univ; Identifying the Brightest Soft X-ray Sources Found by HEAO-1
374	Tapia S., Charles P., Lebofski M.; Univ Arizona; Search for X-rays from Knots in Irregular Galaxies
375	Patterson J.; Univ Michigan; Orbital Modulations in Cataclysmic Variables
376	Bahcall N.; Princeton Univ; Compact V-V Groups of Galaxies
381	Hartmann L., Dupree A.; Harvard College Obs; Observations of Coronal Activity in G Stars with Large Mass Loss
382	Boynnton P., Koo D., Kron R., Schommer R.; Univ Washington; Cluster Hubble-Constant Study
383	Naranan S., Singh K.; Tata Inst; Study of X-rays from the Monoceros Nebula: An Old Supernova Remnant
385	Zwaan C., Brinkman A., Mewe R., den Boggende A.; Sonnenborgh Obs; Coronal Activity in F, G, and K Stars: II
386	Moffat A., Firmani C., McLean I.; Univ Montreal; Search for X-ray Emission from Compact Companions of Single Line Wolf-Rayet Stars
388	Hack M., Selvelli P., Stalio R.; Astron Obs-Trieste; Search for X-ray Emission from Bp-Ap Stars
391	Robertson J.; Anglo-Australian Obs; A Proposal to Observe the Clusters Abell 84 and Zwicky 1916.8+4855
393	Bertola F.; Astron Obs-Padova; Study of the X-ray Structure of Prolate Elliptical Galaxies
397	van der Laan H., Bijleveld W., Valentijn E.; Univ Leiden; cD Galaxies in Rich Clusters
398	Michalitsianos A., Hobbs R., Kafatos M.; Goddard Spc Flt Ctr; Soft X-ray Observations of a Luminous M Supergiant that Exhibits Unexpected Intense Continuum in the Far Ultraviolet
399	Geyer E., Hoffmann M.; Univ Sternwarte Bonn; X-ray Observations of Star Spot Activity in the Solar Type Short Period Eclipsing Binaries TZ Bootis, XV Camelopardalis, and XY Ursae Majoris
400	Wardle J., Potash R.; Brandeis Univ; Search for X-ray Emission from a Possible Hot Diffuse Gas Surrounding the Quasar 4C 32.69
405	Snow T., Cash W.; Univ Colorado; X-ray Light Curve of 29 CMa
406	Giovannini G., Feretti L., Mantovani F.; Natl Res Council-Italy(Bologna); X-ray Surface Brightness Distribution of Four Distance Class 1 Abell Clusters
407	Cordova F.; Los Alamos Sci Lab; Further Investigations of Cataclysmic Variable Stars, IV: The Soft X-ray Halo Around SU UMA
408	Sarazin C., Quintana H., White R.; Univ Virginia; Additional X-ray Observations of Southern High-Redshift Clusters
411	Pravdo S., Garmire G.; Cal Inst Tech; IPC Observation of Interstellar Bullets
412	White R., Burns J.; Natl Radio Astro Obs-VA; HEAO-2 HRI X-ray Observations of D and cD Galaxies in Clusters Detected with the IPC
413	Worrall D., Peterson L.; Univ Cal-San Diego; IPC Observation of 31 Optically Selected Quasars for Determination of Their Average 0.15-5000 keV Spectrum
416	Branduardi-Raymont G.; Mullard Spc Sci Lab; Observations of the Giant Radio Galaxy 4C 39.04
417	Branduardi-Raymont G.; Mullard Spc Sci Lab; Observations of Optically Selected Quasars with the Einstein Observatory
418	Burns J., Eilek J., Owen F.; Natl Radio Astron Obs-NM; Extensive X-ray Observations of the Cluster of Galaxies Abell 2634
419	Burns J.; Natl Radio Astron Obs-NM; X-ray Observation of Clusters of Galaxies Which Contain Interesting Radio Sources
420	Hazard C., Fabian A., Stewart G.; Univ Cambridge; Isolated Extragalactic Compact Regions of Extreme Star Formation
422	Bohm-Vitense E.; Univ Washington; X-ray and IUE Study of BaII and CH Stars
423	Fabian A., Cook M., Pringle J., Stewart G.; Univ Cambridge; A Further Study of Colliding Stellar Winds

Appendix L: Guest Observers

No.	Investigators; Institution; Title
424	Kumar C.; Howard Univ; Runaway Stars: Early O Type and Supergiants
426	Patterson J.; Univ Michigan; Cataclysmic Variable Stars
427	Riegler G., Stern R., Underwood J.; Jet Propulsion Lab; Study of X-ray Emission from Delta Scutti Stars
429	Caraveo P., Bignami G., Lamb R., Piccinotti G.; Natl Res Council-Italy(Milan); Location of a New IPC X-ray Source for Identification With an Optical Candidate in the Region of the COS-B Gamma Ray Source CG 135+1
430	Caraveo P., Bignami G., Lamb R., Paul J.; Natl Res Council-Italy(Milan); Location of a New IPC X-ray Source for Identification with an Optical Candidate (Follow-up of Proposal HB64)
431	Bignami G.; Natl Res Council-Italy(Milan); Search for X-ray Emission from COS-B Gamma Ray Sources
433	Chincarini G.; European So Obs; Observation of the Rapid Variable AE Aqr
434	Liebert J., Green R., Shipman H.; Univ Arizona; Observation of Very Hot White Dwarfs
436	Pravdo S., Garmire G.; Cal Inst Tech; IPC Observation of a New Type of Extragalactic Object Found at Infrared Wavelength
437	Garmire G.; Penn State Univ; Timing and Spectral Studies of Cataclysmic Variables in Quiescence: Finding the Brightest Soft X-ray Variable in Quiescence
438	Green R., Schmidt M.; Univ Arizona; Survey of Bright PG Quasars
439	Fried P.; Bell Labs; Search for the Shadowing of 1 keV Diffuse X-rays by Molecular Clouds
440	DeCampli W., Feigelson E.; Cal Inst Tech; Search for X-ray Emission from the Binary Pulsar PSR 0820+02
444	Bowyer C., Charles P., Walter F.; Univ Cal-Brkly; X-ray Emission from RS CVn Systems: A Follow-up Study
445	Bowyer C., Charles P., Walter F.; Univ Cal-Brkly; X-ray Cluster in Aquila
446	Bowyer C., Charles P., Thorstensen J.; Univ Cal-Brkly; An HRI Follow-up Study of the LMC
447	Bowyer C., Charles P., Kahn S.; Univ Cal-Brkly; Study of Variability in the Ionization Structure of Absorbing Material Intrinsic to Sco X-1
449	Simon T., Giampapa M., Linsky J., Stencel R.; Univ Colorado; Critical Test of the Rotation-Corona with Selected Hertzprung Gap Stars
450	Rahe J., Drechsel H., Kondo Y., Shaviv G.; Goddard Spc Flt Ctr; Possible Progenitors of Wolf-Rayet Systems
451	Liebert J.; Univ Arizona; X-ray Observations of a Complete Sample of Optically Selected Quasars from the Michigan Curtis Schmidt (MCS) Survey
453	Thuan T.; Univ Virginia; X-ray Observations of Blue Compact Dwarf Galaxies
456	Davis M., Tonry J.; Harvard Univ; Elliptical Galaxies with Large Internal Velocity Dispersions
457	Bergeron J.; Astro Inst of Paris; X-ray Survey of Low and Intermediate Redshift Quasars With FeII Emission
464	Montmerle T., Bonnet-Bidaud J., Falgarone E., Koch-Miramond L., Lebrun F., Paul J.; Ctr for Nuclear Studies-Saclay; Variable X-ray Sources in the Rho Oph Dark Cloud
466	Vallee J., Bridle A.; Herzberg Inst; Environmental and Internal Conditions in Jets
468	Morris M.; Columbia Univ; Bipolar Nebulae
473	Wilson A., Ulvestad J.; Univ Maryland; X-ray Study of Seyfert Galaxies with Extended Forbidden Line Regions
475	Dressel L., O'Connell R., Wilson A.; Univ Maryland; Gaseous Halos in Field E and SO Galaxies with Extended Radio Sources
476	Bohm-Vitense E.; Univ Washington; X-ray and IUE Study of Coronae of Metal Poor Stars
477	Moskalenko E., Lozinskaya T.; Sternberg Inst; Old Planetary Nebulae Having Stellar Wind

Appendix L: Guest Observers

No.	Investigators; Institution; Title
478	Bowyer C., Walter F.; Univ Cal-Brkly; The Rotation-Activity Connection in Single FO-G5 Stars
479	Bowyer C., Walter F.; Univ Cal-Brkly; RS CVn Survey Follow-up
480	Bowyer C., Bopp B., Walter F.; Univ Cal-Brkly; Rapidly Rotating G Giants: The FK Comae Stars
481	Riegler G., Agrawal P., Canizares C., Markert T., Stern R.; Jet Propulsion Lab; FPCS Temperature Measurement of Sigma CrB
483	Johnson H.; Lockheed Res Lab; X-ray Sampling of Spectroscopic Binaries Within 25 Parscs
484	Sanders W.; Univ Wisconsin; Serendipitous Source Locations
491	Quintana H., Oke J.; Herzberg Inst; X-ray Observations of Optically Discovered Very High-Redshift Clusters of Galaxies
493	Davies R., Fabian A., Nulsen P., Stewart G.; Univ Cambridge; Isolated Elliptical Galaxies
494	Balick B., Heckman T.; Univ Washington; Three Interesting Extragalactic X-ray Candidate Objects
497	Wallerstein G., Brugel E.; Univ Washington; X-ray and Optical Study of Eruptive Symbiotic Stars
500	Ulmer M.; Northwestern Univ; Observations of Abell Clusters Discovered as X-ray Sources by HEAO A-1
501	Bohm-Vitense E., Parsons S.; Univ Washington; X-ray Observations of Delta Cephei Stars
503	Taam R., Stone R.; Northwestern Univ; Observations of Massive O-Type Runaway Stars
504	Kumar C.; Howard Univ; X-ray Observations of Sa Galaxies
505	Slee O., Mills B.; CSIRO-Australia; Completion of an X-ray Survey of all Abell Clusters of Distance 4 South of Declination +20 and the Sharing of X-ray and Radio Data for Clusters Already on the Consortium Lists
506	Pakull M.; European So Obs; HRI Follow-up Observations of 19 HEAO-2 IPC X-ray Positions
508	Quintana H., Melnick J., White R.; Herzberg Inst; X-ray Observations of Southern Distant Clusters
517	Bruhweiler F., Gull T.; Goddard Spc Flt Ctr; Expanding Shells, Star Formation and the Ring of X-ray Sources in the SMC
519	Stern R., Antiochos S., Underwood J.; Jet Propulsion Lab; Follow-up Observations of Selected Fields in the Central Hyades
523	Mufson S., Hutter D.; Indiana Univ; Coordinated X-ray and Optical Observations of Markarian 180 and the Search for X-ray Emission from S-type Markarian Galaxies
524	Mufson S., McMillan R., Wisniewski W.; Indiana Univ; Coordinated X-ray and Optical Observations of KR Aurigae and the Search for X-ray Emission from KR Aurigae-like Objects
526	Shulman S., Heckathorn H.; Naval Res Lab; Studies of Soft X-rays Correlated with [O III] Lambda 5007 Emission
532	Garmire G., Nousek J.; Penn State Univ; Accurate Positioning of Bright Soft X-ray Source H1615+06
535	Pravdo S., Garmire G.; Cal Inst Tech; X-ray Emission from Classical Novae-Flux Correlations
539	Glassgold A., Bregman J., Huggins P.; New York Univ; Red Quasars II
543	Tanaka Y., Inoue H., Jugaku J., Koyama K., Matsuoka M., Ohashi T.; Univ Tokyo; Observations of Soft X-rays from Supernova Remnants in the Small Magellanic Cloud
544	Zwaan C., Mewe R.; Sonnenborgh Obs; Coronal Activity in F, G, and K Stars: III
545	Kotanyi C., Ekers R., van Gorkom J.; Univ Groningen; NGC 4438
549	Pye J., McHardy I., Pounds K., Watson M.; Univ Leicester; Improved Positions for X-ray Sources Discovered in the Einstein IPC Survey of the Small Magellanic Cloud
550	Davies R., Pounds K., Pye J.; Univ Manchester; Study of the X-ray Emission Nuclei of a Carefully Selected Group of Sbc Galaxies
551	McHardy I., Cooke B., Pounds K., Pye J.; Univ Leicester; Unidentified 3A High Galactic Latitude X-ray Sources
560	Vauclair S., Floquet M.; Meudon Obs; Search for Coronal Emission from Hot Peculiar Stars
561	Hummel E., Shaver P., Shostak G.; Univ Groningen; Region Around NGC 1961
562	Danziger I., Ekers R., Fosbury R., Goss W., Shaver P., Wall J.; European So Obs; Sample of Radio Galaxies Selected for Radio and Optical Properties

Appendix L: Guest Observers

No.	Investigators; Institution; Title
563	Gregory P., Fahlman G.; Univ Brit Columbia; New Supernova Remnant with Compact Central Source
568	Ayres T.; Univ Colorado; A Sensitive Search for Coronal Emission from the Archetype Giants Alpha Boo and Alpha Agr
569a	Bahcall N., Ostriker J.; Princeton Univ; Galaxy Halos
569b	Hegy D.; Univ Michigan; A Search for an X-ray Halo Surrounding NGC4565
571	Geller M., Huchra J.; Harvard College Obs; Correlated Multi-Frequency Observations of Variable Type I Seyfert Galaxies
572	Heeschen D., Casini C., Heidmann J.; Natl Radio Astron Obs-VA; Observations of Clumpy Irregular Galaxies
573	Biermann P., Fricke K., Johnston K., Kuhr H., Strittmatter P., Witzel A.; Max Planck Inst; Observations of Extended X-ray Emission in BL Lac Objects
574	Montmerle T., Falgarone E.; Ctr for Nuclear Studies-Saclay; Simultaneous HRI and Optical Observations of Variable X-ray Sources in the Rho Oph Cloud
575	Gregorini L., Gioia I., Tomasi P.; Natl Res Council-Italy(Bologna); Detailed X-ray Surface Brightness Distribution in Four Abell Clusters of Galaxies which Contain Bright Radio Sources
576	Montmerle T., Rieu N.; Ctr for Nuclear Studies-Saclay; A Survey of Nearby Dark Clouds and Globules
578	Katgert P., Koo D., Kron R., Windhorst R., van der Laan H.; Univ Leiden; A Medium Sensitivity Survey of Radio-Optical Selected Areas
579	Tsikoudi V.; Univ Ionina-Greece; Active SO Galaxies
583	Palumbo G., Maccacaro T., Panagia N., Vettolani G.; Natl Res Council-Italy(Bologna); Supernova 1979c in NGC 4321 (M100)
585	Pravdo S., Garmire G., Nousek J.; Cal Inst Tech; X-ray Observations of Bipolar Nebulae
588	Biermann P., Fricke K.; Max Planck Inst; Search for Active Nuclei in a Complete Sample of Barred Spirals
589	Biermann P., Kronberg P.; Max Planck Inst; Intergalactic Gas in Small Groups Dominated by Early Type Galaxies
590	Kuhi L., Walter F.; Univ Cal-Brkly; Spectra of Three T Tauri Stars
592	Marscher A., Preston R.; Univ Cal-San Diego; X-ray and Radio VLBI Observations of Compact Extragalactic Radio Sources
593	Rahe J., Drechsel H.; Goddard Spc Flt Ctr; Phase-Dependent Observations of Classical Novae V603 Aquilae(1918), HR Del (1967), and RR Pic (1925)
596	Bowyer C., Cordova F., Mason K.; Univ Cal-Brkly; OGS Measurement of the Spectrum of U Gem and SS Cyg During Outburst
597	Dressel L., O'Connell R., Wilson A.; Univ Maryland; Further Observations of E and SO Galaxies with Compact Nuclear Radio Cores
598	Cassinelli J., van der Hucht K.; Univ Wisconsin; Observations of Wolf Rayet Stars Which Have optical OVI Emission
599	Cash W., Snow T.; Univ Colorado; X-ray Variability in Early A Stars with the Einstein Observatory
601	Snow T., Cash W., Grady C.; Univ Colorado; To Monitor Soft X-ray Variability in Three O Stars with the Einstein Observatory
603	Cruddace R., Dupree A.; Naval Res Lab; A Study of Orbital and Long-Term Variations in the X-ray Emission from W Ursae Majoris Stars
606	Lamb R., Markert T.; Iowa State Univ; HRI Study of Kes 27 and W28: Two Similar Supernova Remnants Which may be Gamma Ray Sources
612	Skinner G., Bedford D., Pollock A.; Univ Birmingham; A Study of the Quiescent State of the Recurrent LMC Transient A0538-66
613	Underwood J., Stern R.; Jet Propulsion Lab; Search for Coronal Activity in Hyades X-ray Sources

Appendix L: Guest Observers

No.	Investigators; Institution; Title
614	McHardy I., Pounds K., Pye J.; Univ Leicester; Distant Clusters Containing Steep Spectrum Radio Sources
616	Cassinelli J., Anderson C., Sanders W.; Univ Wisconsin; X-ray Emission from Symbiotic Stars: AG Dra
618	Jablonski F., Steiner J.; Astro Obs of Brazil; X-ray Variability in Two Seyfert I Galaxies
623	Agrawal P., Manchanda R., Rao A., Singh K.; Tata Inst; Study of X-ray Emission from Sersic-Pastoriza Galaxies
624	Agrawal P.; Tata Inst; Study of Quiescent X-ray Emission from Solar Neighborhood Flare Stars
625	Cassinelli J., Anderson C., Sanders W.; Univ Wisconsin; Observations and Analysis of X-ray Emission from Ae/Be Stars
626	Simon T., Stencel R.; Univ Colorado; X-ray Studies of Hertzsprung Gap and Related Stars
630	Moore R.; Univ Arizona; Near Simultaneous Observations of OVV Quasars
632	Wood K., Bleach R., Friedman H., Meekins J., Smathers H., Yentis D.; Naval Res Lab; To Search Selected HEAO-A1 High Galactic Latitude Error Boxes
638	Dickel J., Cowie L., Fabian A.; Univ Illinois; To Obtain a Second Epoch Observation of Cas A
660	Vogt S.; Univ Cal-Santa Cruz; The Relation Between Magnetic Fields and Coronae in Late-type Stars
661	Fabian A., Hazard C., Kembhavi A., Stewart G.; Univ Cambridge; An Efficient Study of Optically-Selected Quasars
670	Rossi L., D'Antona F., Viotti R.; Natl Res Council-Italy(Frascati); Search for X-ray Emission from Hot Subdwarfs Stars
679	Sargent W., Malkan M.; Cal Inst Tech; Coordinated Infrared, Optical, Ultraviolet, and X-ray Observations of High Redshift Quasars
684	Moskalenko E., Beigman I.; Sternberg Inst; Observations of Short-Period Cepheids
686	Linsky J.; Univ Colorado; A Search for Coronal X-ray Emission from the Young Stars in the Ursa Major Cluster and Stream
689	Stern R., Skumanich A., Underwood J.; Jet Propulsion Lab; Detection of X-ray From the Unusual Triple Star System HD 165590
692	Windhorst R., Koo D., Kron R.; Univ Leiden; X-ray Observations of Distant Galaxy Clusters at $z < 1$
701	Mundt R., Feigelson E.; Univ Arizona; X-ray Studies for Peculiar T Tauri Stars
702	Oda M.; Univ Tokyo; Observation of New Soft Source in Vicinity of Lambda Sco
703	Starrfield S.; Arizona State Univ; Observation of Peculiar Star
704	Soltan A.; Polish Academy Sci; The 1981 Eclipse of Rz Oph
705	Danziger I.; European So Obs; New Radio Double
991	Thuan T., Owen F.; Univ Virginia; X-ray Observations of Selected Area 57
992	Willis A., Strom R.; Brandeis Univ; An Attempt to Detect X-ray Emission from Radio Source PKS 2104-25
993	Willis A., Harris D., Miley G., Strom R.; Brandeis Univ; Search for X-ray Emission from Possible High Redshift Clusters of Galaxies
994	Johnson H.; Lockheed Res Lab; A Coherent X-ray Sampling of Nearby Stars

References

- Cleary, M., Heiles, C., and Haslam, C. G. T. 1979, *Astr. Ap. Suppl.*, **36**, 95.
- Giacconi, R., *et al.* 1979, *Ap. J.*, **230**, 540.
- Gorenstein, P., Harnden, F. R., Jr., and Fabricant, D. G. 1981, *Trans. IEEE*, **NS-28**, 869.
- Harnden, F. R., Jr., Fabricant, D. G., Harris, D. E., and Schwarz, J. 1984, *Scientific Specification of the Data Analysis System for the Einstein Observatory (HEAO-2) Imaging Proportional Counter*, (Smithsonian Ap. Spec. Rep. No. 393).
- Harris, D. E., and Irwin, D. 1984, *Einstein Observatory Revised User's Manual* (Harvard-Smithsonian Center for Astrophysics).
- Heiles, C., and Cleary, M. N. 1979, *Australian J. Phys. Ap. Suppl.*, **47**, 1.
- Jones, C. and Forman, W. 1990, *Ap. J. Suppl.*, to be submitted.
- Maccacaro, T., Romaine, S., and Schmitt, J. 1987, in *IAU Symposium 124, Observational Cosmology*, ed. A. Hewitt, G. Burbidge, and L. Z. Zang (Dordrecht: Reidel), p.597.
- Mauche, C. W. and Gorenstein, P. 1986, *Ap. J.*, **302**, 371.
- Seward, F. D. and Martenis, P. 1986, *Einstein Observatory Catalog of Observations* (5th ed.; Cambridge: Harvard-Smithsonian Center for Astrophysics).
- Yallop, B. D., Hohenkerk, C. Y., Smigh, C. A., Kaplan, G. H., Hughes, J. A., and Seidelmann, P. K. 1989, *A. J.*, **97**, 274.

Index

- active galactic nucleus 7, 14, 23, 175, 176
- AIPS 17
- aluminum filter 156
- area
 - effective 3, 99, 100, 103, 109, 114
- ASCII 16, 21
- aspect 5–7, 9, 12, 17–19, 104, 156
- asterisk 12, 14, 22, 175–177, 441
- background
 - bright earth 108–110
 - deep survey 108–110
 - map 4, 5, 8–10, 12, 13, 17, 19, 20, 104–108, 110, 121
 - x-ray 101, 220, 223
- BAL 101
- BL Lac object 7, 14, 23, 175, 176, 220, 224, 228, 229, 232, 234, 474, 476, 478–480, 484
- bright earth 9, 10, 17, 19, 107
- C statistic 121
- cataclysmic variable 7, 14, 23, 175, 176, 218, 221, 232, 233, 475, 478, 480–482
- cdrom 1, 16, 21
- channel
 - energy 99
 - pulse height invariant 99, 101, 114
- cluster of galaxies 5, 7, 14, 23, 160, 165, 175, 176, 218, 222, 223, 225, 226, 228, 230–233, 474, 475, 477, 479–481, 483–485
- column density (neutral hydrogen) 7, 17, 114, 116, 117, 122–126
- contour map 1, 9–11, 110, 176, 235
- contour-source-counts 10
- coordinates
 - J2000 6
- count rate 12, 13, 19, 22, 101, 103, 107–109, 114, 117, 160, 165
- counts per beam 10
- deep survey 4, 9, 10, 17, 19, 104, 105, 107, 227
- detect cell 4, 5, 12, 13, 19, 22, 104, 106–109, 121, 165
- detection
 - deleted 160
 - source 11, 13, 104, 106, 107
- einline 21
- ergs per count 114–120
- error
 - positional 11, 19, 22, 171, 174, 177
- exposure
 - relative 4, 5, 9, 12, 16
- field
 - edge 4, 5, 11, 13, 14, 23, 165, 172, 174
 - merged 1, 235, 236, 441
- FITS 1, 3, 16–21
- flag
 - asterisk 14, 175, 176
 - bad aspect 7, 19
 - dagger 7, 177–179
 - field 7, 8, 12, 18, 103, 106, 176, 178, 235
 - Ref/ID 7, 14, 15, 19, 22, 23, 175–178, 235
 - source 11, 12, 14, 19, 22, 23, 121, 235
- flagged 22, 106, 173, 178
- flux 1, 5, 10, 12, 13, 103, 109, 114, 117, 227, 229, 476, 483
 - emitted 114–117
 - incident 114, 115, 117
- focal plane crystal spectrometer 2
- frame 4–6, 12, 13, 104, 106, 165
- galaxy 7, 14, 23, 175
- Gaunt factor 114, 115, 118
- Gaussian 9, 10, 13, 20, 101, 102, 106
- ghost image 8, 11, 103, 160
- globular cluster 7, 14, 23, 175, 176, 224, 225, 479
- guest observer 1, 3, 175, 473, 474
- hardness ratio 1, 14, 19, 23, 121–126
- high resolution imager 2, 3, 177, 228, 476, 479, 481–484
- HUT 6, 7, 108, 110
- Identification Table 14, 176
- imaging proportional counter 1–4, 9, 12, 17, 18, 21, 22, 99–104, 108, 110, 114, 121, 156, 165, 174, 177, 441, 475, 480–483, 486
- intensity correction factor
 - scattering 19, 109, 113
 - source size see SIZCOR
- international astronomical union 3
- Internet 21
- key word 16, 17, 20
- LDETECT 4, 5, 8, 9, 11, 12, 14, 23, 104, 106, 107, 160, 165, 235
- live time 4–6, 10, 12, 17, 18, 22, 107, 109, 110, 114, 156, 165, 236, 441
- map
 - bright earth 107, 108, 110, 112
 - deep survey 107, 111
 - exposure 9, 12, 16–20
 - relative exposure 9, 17, 18, 20
- maximum likelihood 11, 121, 122
- MDETECT 4, 5, 8, 9, 11, 12, 104, 106–108, 121, 160, 165, 235
- mirror scattering 12, 13, 101, 108, 109, 114
- monitor proportional counter 3
- NASA 21, 473
- normalized separation 171–174
- number

catalog 3, 11, 14, 19, 22, 114, 122, 175, 177, 235
 field 11, 19, 22, 122, 235
 sequence 8, 11, 14, 16–19, 22, 110, 122, 156, 160,
 165, 174–177, 235, 236, 441
 objective grating spectrometer 2
 observation
 omitted 156
 off-axis angle 103
 optical identification 14, 175, 221, 223, 224, 226, 230,
 232
 point response function 5, 10, 12, 13, 101, 102, 106–
 109, 114, 165, 171, 177
 position code 176, 179
 pulsar 7, 14, 23, 175, 218, 221, 222, 224, 226, 227, 229,
 231, 476, 477, 482
 quasar 7, 14, 23, 175
 radio source 7, 14, 23, 175, 176, 221, 225, 227, 233,
 475–480, 482, 484, 485
 reference list 175, 177
 resolution
 spatial 2, 101
 spectral 2, 99
 Rev1B 1, 4–9, 11–13, 19, 101, 104, 106, 107, 114, 121,
 156, 160, 176, 177, 235
 rib 4, 9, 12, 13, 19, 22, 104–106, 171, 174
 rib shadows 4, 5, 11–13, 19, 20, 104, 106, 107, 165,
 171, 172, 235
 ribs and edges code 11–13, 19, 22, 106, 107, 171–174
 road-map 7, 10
 roll angle 5–7, 10, 17–20, 104, 108, 110, 156
 sensitivity 1, 3, 10, 101, 235
 Seyfert galaxy 7, 14, 23, 110, 175, 176, 223, 227, 482,
 484
 signal to noise 4, 7, 11, 13, 19, 22, 101, 104, 106, 107,
 166, 171, 235
 simulations 4, 106, 107
 SIZCOR (size correction) 1, 8, 13, 19, 22, 160
 smoothing 10, 20, 102
 solid state spectrometer 2
 sources
 deleted 5, 8, 165
 extended 1, 5, 9, 10, 13, 106, 107, 160, 165, 476
 missed 8, 165
 multiple-detections 11, 22, 171
 multiple-observations 22, 171
 omitted 165
 South Atlantic Anomaly 6
 SPAN 21
 spectra
 blackbody 114, 116, 120, 126
 power law 4, 114, 115, 117, 122, 123
 thermal 109, 114, 116, 119, 125
 stable pointing 10, 19, 156
 star 7, 14, 23, 175
 supernova remnant 5–8, 14, 23, 106, 160, 165, 166,
 175, 176, 218, 219, 222, 226–234, 474–479,
 481, 483, 484
 surface brightness 5, 108, 110, 165, 233, 477, 478, 481,
 484
 telnet 21
 time resolution 99, 101
 time
 dead 6, 8, 12, 101
 effective exposure 4, 6
 timing 99, 101, 482
 upper limit 1, 7, 10, 16, 19, 108–110
 vignetting 4, 9, 10, 12, 16, 19, 20, 22, 103, 108, 109,
 114, 160
 Yellow Book 6, 177
 zoom 9, 16

TARGET INDEX for Volumes 2-7

To permit catalog access by object name, as well as position (primary catalog order) or sequence number (cf. Appendix K), we have excerpted the following list of common names (and numbers) from the observation titles. Since the catalog is ordered by right ascension, we have not indexed source names that contain explicit equatorial positions; nor have we indexed classes of objects.

Stars and globular clusters have been ordered by constellation name rather than leading letters or numbers, and Greek letters are represented by their (English-spelled) names (as given in the observation titles). We have slightly altered some names so that common classes occur together: e.g., “3CR” is not differentiated from “3C”, “N” has been corrected to “NGC” where appropriate, and the Ohio radio sources have been listed together.

The following list, alphabetized by object name, is indexed with volume–page numbers, for catalog access, and with truncated IPC-field-center positions (HHMMsDD), for FITS-version access by filename (cf. §6).

Target Index

Keyword	Position	Pages
3C 6.1	0013+78	2-33, 2-34
3C 9	0017+15	2-48
3C 15	0034-01	2-87
3C 19	0038+32	2-101
3C 31	0104+32	2-178
3C 33	0106+13	2-181
3C 47	0133+20	2-263, 2-264, 2-265
3C 48	0134+32	2-270
3C 58	0201+64	2-324
3C 61.1	0210+86	2-352
3C 66A	0219+42	2-372
3C 76.1	0300+16	2-477
3C 79	0307+16	2-492
3C 95	0350-09	2-610
3C 98	0356+10	2-623
3C 98.0	0356+10	2-622
3C 99	0358+00	2-629, 2-630
3C 108	0409+22	3-21
3C 109	0410+11	3-25, 3-26
3C 110	0414-06	3-33
3C 111.0	0415+37	3-34
3C 120	0430+05	3-103, 3-104, 3-105
3C 129	0446+44	3-147
3C 130	0448+51	3-152
3C 133.0	0459+25	3-190
3C 138	0518+16	3-237
3C 147	0538+49	3-365
3C 162	0628+25	3-503
3C 175	0710+11	3-601
3C 178	0721-09	3-628
3C 184	0734+70	3-655
3C 184.1	0734+80	3-656
3C 186	0740+38	3-678
3C 190	0758+14	3-708
3C 191	0802+10	4-6, 4-7
3C 192	0802+24	4-8, 4-10
3C 196	0809+48	4-30
3C 200	0824+29	4-63
3C 204	0833+65	4-90
3C 205	0835+58	4-100
3C 206	0837-12	4-107
3C 207	0838+13	4-108
3C 208	0850+14	4-146
3C 215	0903+16	4-175
3C 216.0	0906+43	4-181
3C 218	0915-11	4-198
3C 219	0917+45	4-204
3C 223	0936+36	4-231
3C 223.1	0938+39	4-233
3C 227	0945+07	4-244
3C 228.0	0947+14	4-254
3C 232	0954+32	4-269
3C 234.0	0958+29	4-279
3C 236	1009+35	4-298
3C 244.1	1030+58	4-339
3C 245	1040+12	4-352
3C 249.1	1100+77	4-399
3C 252	1108+35	4-423
3C 254	1111+40	4-429
3C 263	1137+66	4-475
3C 268.3	1203+64	5-8
3C 270	1216+06	5-54, 5-56
3C 270.1	1218+33	5-64
3C 273	1226+02	5-102, 5-103, 5-104
3C 274.1	1232+21	5-131

Keyword	Position	Pages
3C 275.1	1241+16	5-167
3C 277.1	1250+56	5-196
3C 277.3	1251+27	5-198
3C 279	1253-05	5-202, 5-203
3C 285	1319+42	5-288
3C 286	1328+30	5-312
3C 287	1328+25	5-309
3C 287.1	1330+02	5-316, 5-317
3C 288.1	1340+60	5-353
3C 293	1350+31	5-368
3C 295	1409+52	5-422, 5-423
3C 296	1413+11	5-446
3C 298	1416+06	5-463
3C 303	1441+52	5-529
3C 305	1448+63	5-544
3C 309.1	1458+71	5-572, 5-573
3C 310	1502+26	5-587, 5-588
3C 315	1511+26	5-612
3C 318	1517+20	5-633
3C 319	1522+54	5-647
3C 321	1529+24	5-673
3C 323.1	1545+21	5-725, 5-726
3C 326	1550+20	5-740
3C 327	1559+02	5-768
3C 330	1609+66	6-28
3C 332	1615+38	6-56, 6-57
3C 334	1618+17	6-65
3C 336	1622+23	6-77
3C 338	1626+39	6-101
3C 342	1634+26	6-123
3C 343.1	1637+62	6-134
3C 345	1641+39	6-142, 6-143, 6-144
3C 346	1641+17	6-145
3C 351	1702+60	6-202, 6-204, 6-205, 6-206, 6-207, 6-208
3C 371	1807+69	6-475, 6-478
3C 380	1828+48	6-567
3C 381	1832+47	6-590
3C 382	1833+32	6-597
3C 386	1836+17	6-619, 6-620
3C 387	1838-05	6-625
3C 388	1842+45	6-640
3C 390.3	1845+79	6-647
3C 391	1846-00	6-651
3C 396	1901+05	6-686, 6-687
3C 396.0	1901+05	6-687
3C 398.0	1908+08	6-706
3C 400.2	1936+17	6-781
3C 401	1939+60	6-789
3C 402	1940+50	6-796
3C 409.0	2012+23	7-28
3C 410.0	2018+29	7-43
3C 411	2019+09	7-47
3C 427.1	2105+76	7-192
3C 430	2117+60	7-207
3C 432	2120+16	7-214
3C 433	2121+24	7-216
3C 434.1	2123+51	7-219
3C 438	2153+37	7-280
3C 445	2221-02	7-327
3C 446	2223-05	7-330, 7-331
3C 449	2229+39	7-347
3C 452.0	2243+39	7-366
3C 454.3	2251+15	7-379, 7-380
3C 459	2313+03	7-428

Target Index

Keyword	Position	Pages
3C 467	2345+18	7-485, 7-486
3C 468.1	2348+64	7-491
4C-01.11	0225-01	2-389
4C-06.41	1520-06	5-638
4C 00.61	1657+00	6-186
4C 05.34	0805+04	4-14, 4-15
4C 05.57	1340+05	5-351, 5-352
4C 08.66	2217+08	7-323
4C 09.05	0119+09	2-219
4C 09.32	0854+09	4-157
4C 09.74	2344+09	7-482
4C 10.40	1509+10	5-602
4C 11.50	1548+11	5-736
4C 11.5A/B	1548+11	5-735
4C 12.46	1307+12	5-248
4C 14.27	0832+14	4-87
4C 14.60	1538+14	5-707, 5-708, 5-709
4C 15.45	1509+15	5-604
4C 15.78	2316+15	7-435
4C 19.53	1608+19	6-27
4C 20.09	0153+20	2-314
4C 20.29	1224+20	5-93, 5-94
4C 21.45	1545+21	5-725, 5-726
4C 21.53	1938+21	6-785
4C 23.37	1413+23	5-444
4C 26.48	1623+26	6-81
4C 28.4	1606+28	6-21
4C 28.58	2349+28	7-494
4C 29.01	0051+29	2-143
4C 29.31	0840+29	4-114
4C 31.63	2201+31	7-294
4C 32.69	2349+32	7-496
4C 35.37	1531+35	5-682
4C 37.29	1107+37	4-418
4C 38.41	1632+38	6-119
4C 39.04	0136+39	2-280
4C 39.25	0923+39	4-213
4C 39.27	0937+39	4-232
4C 39.46	1632+38	6-119
4C 39.49	1652+39	6-165
4C 45.30	1555+45	5-756
4C 63.10	0659+63	3-580
4C 67.05	0224+67	2-385, 2-386
4C 67.17.1	0942+67	4-240
4C 71.16	1645+71	6-151
4C 74.13	0735+74	3-663
4C 74.20	1500+74	5-576, 5-581
4C 77.05	0505+77	3-202
	0000+00	Abell Planetary Nebule
A 21	0726+13	3-639
A 30	0843+18	4-126
A 31	0851+09	4-148
A 33	0936-02	4-230
A 78	2133+31	7-243
	0000+00	Abell Clusters of Galaxies
A 21	0017+28	2-49
A 31	0024+22	2-64
A 41	0026+07	2-70
A 46	0027-13	2-78
A 58d	0031-07	2-80
A 71	0035+29	2-90
A 74	0036-22	2-95
A 76	0037+06	2-98
A 85	0039-09	2-106
A 86	0040-22	2-109

Keyword	Position	Pages
A 98	0043+20	2-117
A 102	0046+01	2-127
A 114	0051-21	2-144
A 115	0053+26	2-150
A 117	0053-10	2-151
A 119	0053-01	2-152, 2-153
A 133	0100-22	2-168, 2-177
A 136	0101+24	2-171
A 154	0108+17	2-190
A 160	0110+15	2-197
A 168	0112-00	2-200, 2-201, 2-202
A 179	0119+19	2-217
A 189	0121+01	2-229
A 194	0122-01	2-237, 2-238
A 195	0124+18	2-239, 2-240
A 222	0135-13	2-271
A 239d	0138-12	2-287
A 240	0139+07	2-288
A 262	0149+35	2-309
A 262A	0147+36	2-306
A 278	0154+31	2-315
A 348	0221-08	2-377
A 358	0227-13	2-393, 2-394, 2-395
A 370	0237-01	2-425
A 376	0242+36	2-441
A 389	0249-25	2-453
A 397	0254+15	2-462
A 399	0255+12	2-466
A 400	0254+05	2-464, 2-465
A 401	0255+13	2-468, 2-469
A 407	0258+35	2-472
A 415	0304-12	2-486
A 419	0306-23	2-490
A 439	0327+24	2-531
A 458	0343-24	2-591
A 478	0410+10	3-24
A 480	0413+00	3-32
A 496	0431-13	3-109, 3-110
A 500	0436-22	3-128
A 501/4	0439+08	3-138
A 508	0442+02	3-141
A 509	0445+02	3-145
A 514	0445-20	3-146
A 520	0451+02	3-160
A 521	0451-10	3-162
A 533	0459-22	3-189
A 539	0514+06	3-228
A 545	0529-11	3-287
A 548	0544-25	3-408, 3-419
A 564	0655+69	3-568
A 568	0704+35	3-592
A 569	0705+48	3-595
A 576	0717+55	3-621
A 586	0729+31	3-646
A 592	0739+09	3-673, 3-674
A 593	0745+72	3-692
A 608	0757+63	3-706
A 629	0810+66	4-31
A 634	0810+58	4-32
A 644	0814-07	4-36
A 665	0826+66	4-70
A 669	0826+56	4-69
A 671	0825+30	4-65
A 690	0836+29	4-104
A 708	0845+37	4-134

Target Index

Keyword	Position	Pages
A 732	0855+03	4-158, 4-159
A 734	0857+16	4-168
A 754	0906-09	4-182
A 777	0923+78	4-212
A 779	0916+33	4-200
A 787	0915-08	4-196
A 795	0921+14	4-209
A 801	0925+20	4-215
A 838	0934-04	4-227
A 862	0941+09	4-239
A 873	0948+71	4-257
A 882	0948+08	4-258
A 895	0953+49	4-267
A 908	0954+22	4-270
A 910	0959+67	4-280, 4-281
A 913	0959+20	4-283
A 957	1011-00	4-304
A 963	1014+39	4-306
A 970	1014-10	4-307
A 979	1017-07	4-313
A 992/A991	1019+19	4-316
A 994	1020+19	4-318
A 999	1020+13	4-319, 4-320
A 1016	1024+11	4-327
A 1060	1034-27	4-344
A 1099	1046+35	4-369
A 1142	1058+10	4-392, 4-393
A 1146	1058-22	4-396
A 1185	1108+28	4-421
A 1213	1113+29	4-432
A 1216	1115-04	4-434
A 1246	1121+21	4-447
A 1254	1123+71	4-452
A 1267	1125+27	4-453
A 1268	1126+24	4-454
A 1285	1127-14	4-460
A 1291	1129+56	4-463
A 1308	1130-03	4-466
A 1314	1132+49	4-467
A 1332	1135-09	4-472
A 1367	1141+20	4-485, 4-486
A 1377	1144+56	4-491
A 1382	1145+71	4-497
A 1392	1147-00	4-507
A 1413	1152+23	4-515
A 1425	1155+26	4-520
A 1446	1159+58	4-528
A 1477	1206+64	5-16
A 1525	1219+00	5-69
A 1528	1220+59	5-75
A 1546	1225+64	5-96
A 1557	1230+63	5-119
A 1560	1231+15	5-123
A 1569	1233+16	5-134
A 1576	1234+63	5-142
A 1589	1239+18	5-157
A 1597	1239+72	5-156
A 1614	1244+69	5-176
A 1617	1245+59	5-180
A 1644	1254-17	5-213
A 1650	1256-01	5-217
A 1655	1256+65	5-218
A 1656	1257+28	5-221, 5-222, 5-223
A 1674	1301+67	5-238
A 1689	1308-01	5-254

Keyword	Position	Pages
A 1701a	1311+61	5-263
A 1704	1312+64	5-266
A 1705	1312+73	5-265
A 1707	1313+58	5-269
A 1709	1316-21	5-278
A 1722	1318+70	5-283
A 1736	1324-26	5-301
A 1741d	1322+71	5-295
A 1750	1328-01	5-310
A 1754d	1329-11	5-314
A 1767	1334+59	5-332
A 1775	1339+26	5-347
A 1777	1338+71	5-341
A 1795	1346+26	5-362
A 1809	1350+05	5-369
A 1836	1358-11	5-388
A 1837	1359-10	5-389
A 1839	1359-04	5-390
A 1877	1408+60	5-421
A 1890	1415+08	5-450
A 1895	1413+71	5-443
A 1904	1420+48	5-474
A 1913	1424+16	5-483, 5-484
A 1918	1423+63	5-482
A 1939	1434+25	5-515
A 1940	1433+55	5-513
A 1942	1435+03	5-519
A 1952	1438+28	5-524
A 1969	1442+63	5-534
A 1983	1450+16	5-551, 5-553, 5-554
A 1991	1452+18	5-560
A 2002	1452+68	5-561
A 2022	1502+28	5-584
A 2029	1508+05	5-599
A 2040	1510+07	5-607
A 2050	1513+00	5-616
A 2052	1514+07	5-619
A 2055	1516+06	5-628
A 2058	1513+72	5-617
A 2063	1520+08	5-639
A 2065	1520+27	5-640, 5-641
A 2068	1517+71	5-632
A 2079	1525+29	5-661
A 2087	1524+71	5-652
A 2089	1530+28	5-677
A 2092	1531+31	5-681
A 2098	1530+69	5-679
A 2107	1537+21	5-703
A 2111	1537+34	5-704
A 2124	1543+36	5-717
A 2125	1540+66	5-712
A 2142	1556+27	5-757, 5-758
A 2147	1559+16	5-769
A 2148	1601+25	6-5
A 2151	1602+17	6-12, 6-15, 6-16
A 2152	1603+16	6-14
A 2163	1612-06	6-38
A 2177	1620+25	6-70, 6-75
A 2178	1621+24	6-73
A 2197	1626+41	6-99, 6-103
A 2199	1626+39	6-100
A 2210	1632+05	6-116
A 2218	1635+66	6-132
A 2220	1638+53	6-138
A 2240	1653+66	6-172

Target Index

Keyword	Position	Pages
A 2241	1657+32	6-185
A 2244	1700+33	6-194
A 2250	1709+39	6-225
A 2255	1710+63	6-232, 6-234, 6-237
A 2256	1658+78	6-187, 6-216, 6-218, 6-219, 6-241
A 2271	1719+78	6-254
A 2301	1815+69	6-518
A 2306	1826+74	6-560, 6-561
A 2308	1834+70	6-606
A 2311	1850+70	6-658
A 2312	1853+68	6-670
A 2317	1908+68	6-705
A 2319	1919+43	6-746
A 2328	2045-18	7-121
A 2339	2118-21	7-211
A 2344	2125-21	7-224
A 2349	2128+03	7-231
A 2355	2133+01	7-242
A 2355/2356	2133+00	7-241
A 2356	2133-00	7-240
A 2366	2140-07	7-254
A 2378	2144-20	7-269
A 2381	2148+02	7-272
A 2384	2149-20	7-275
A 2390d	2151+17	7-278
A 2397	2153+01	7-279
A 2399	2154-08	7-281
A 2399/2344	2122-21	7-218
A 2410	2159-10	7-288, 7-289
A 2415	2202-05	7-298
A 2420	2207-12	7-311
A 2440	2221-01	7-326
A 2444	2224-24	7-334
A 2448	2229-08	7-346
A 2521	2259-22	7-398
A 2525	2300-10	7-405
A 2534	2302-23	7-410, 7-415, 7-417
A 2546	2302-23	7-410, 7-415, 7-417
A 2547	2309-21	7-420
A 2577	2318-23	7-439
A 2593	2321+14	7-442
A 2625	2333+20	7-459, 7-460
A 2626	2333+20	7-461
A 2630	2334+15	7-462, 7-463
A 2632	2339-10	7-478
A 2634	2335+26	7-468, 7-469
A 2638	2337-11	7-472
A 2645	2338-09	7-473
A 2657	2342+08	7-481
A 2666	2348+26	7-490
A 2670	2351-10	7-497
A 5 353	1918+10	6-742
AB 9	1246+37	5-185
AC +38 2361	0706+38	3-597
AC +79 3888	1144+78	4-493
AKN 120	0513-00	3-221
AKN 347	1201+20	5-4
AKN 81	0220+31	2-374
ALGOL	0724+15	3-635
ALTAIR	1948+08	6-807
AN1	0235-02	2-412
ALPHA And	0005+28	2-12
CHI And	0136+44	2-275
ETA And	0044+23	2-122, 2-157

Keyword	Position	Pages
LAMBDA And	2335+46	7-464
RX And	0101+41	2-172
XI And	0044+23	2-121
Z And	2331+48	7-456
ZETA And	0044+23	2-122
S Ant	0930-28	4-224
26 Aql	1917-05	6-739
ALPHA Aql	1948+08	6-807
ETA Aql	1949+00	6-811
GAM Aql	1943+10	6-800
QS Aql	1938+13	6-787
R Aql	1903+08	6-690
THETA Aql	2008-00	7-20
V 356 Aql	1914+01	6-723, 6-724
V 600 Aql	1917-00	6-738
V 603 Aql	1846+00	6-648, 6-652
V 794 Aql	2014-03	7-34
V 805 Aql	1857-11	6-678
AE Aqr	2037-01	7-85, 7-86, 7-87
ALPHA Aqr	2203-00	7-300, 7-301
BETA Aqr	2128-05	7-232
R Aqr	2341-15	7-480
RY Aqr	2117-11	7-209
AE Ara	1737-47	6-328
GAMMA Ara	1721-56	6-258
THETA Ara	1802-50	6-453
V 535 Ara	1733-56	6-306
56 Ari	0309+27	2-496
ALPHA Ari	0204+23	2-332
TT Ari	0204+15	2-330, 2-331
UX Ari	0323+28	2-521, 2-522, 2-523
ARP 102	1717+49	6-248
ARP 141	0708+73	3-599
ARP 143	0743+39	3-688
ARP 147	0308+01	2-495
ARP 148	1101+41	4-404
AS 201	0829-27	4-78
AS 205	1608-18	6-25, 6-26
AS 209	1646-14	6-153
AS 295B	1812-30	6-508
ALPHA Aur	0512+45	3-218
CQ Aur	0600+31	3-454
IOTA Aur	0453+33	3-167
KR Aur	0612+28	3-478
RW Aur	0504+30	3-199
T Aur	0528+30	3-279
AWM 3	1426+26	5-489
AWM 4	1602+24	6-10
AWM5	1655+27	6-178
AWM 7	0251+41	2-457
B68	1720-23	6-255
B72	1720-23	6-255
B264	1303+31	5-241
BAADE'S WINDOW	1759-30	6-442
BARNARD'S STAR	1755+04	6-410
BD +16 516	0347+17	2-601, 2-602
BD +30 2163	1127+30	4-456
BD +43 44	0015+43	2-42
BD +46 3471	2150+47	7-276
BD +65 1637	2141+65	7-261
BD -7	1016-08	4-312
BD -10 4662	1817-10	6-523
BD -21 3873	1413-21	5-445
BD -21 6267	2235-20	7-362, 7-363, 7-364
BD -36 13940	2007-36	7-17

Target Index

Keyword	Position	Pages
BD 40 4124	2018+41	7-45
BETELGEUSE	0552+07	3-437
44 Boo	1502+47	5-583
ALPHA Boo	1413+19	5-440
DEL Boo	1513+33	5-615
ETA Boo	1352+18	5-374
EPSILON Boo	1442+27	5-533
SS Boo	1511+38	5-611
SIGMA Boo	1432+29	5-508
TZ Boo	1506+40	5-595
TAU Boo	1344+17	5-359
THETA Boo	1423+52	5-480
XI Boo A	1449+19	5-547
BPM16571	0138-55	2-286
BPM18164	0615-59	3-483
BRACCESI FIELD	1254+35	5-206, 5-224, 5-236
BSO 11	1311+36	5-262
BSO 6	1258+34	5-229
12 Cam	0501+58	3-196
3 Cam	0435+52	3-127
54 Cam	0757+57	3-707
ALPHA Cam	0449+66	3-153, 3-154, 3-155, 3-156
BETA Cam	0458+60	3-187
SS Cam	0710+73	3-602
Z Cam	0819+73	4-47
CANOPUS	0622-52	3-489
AD Cap	2137-16	7-250
BETA Cap	2018-14	7-44
IOTA Cap	2119-17	7-212
ZETA Cap	2123-22	7-220
CAPELLA	0512+45	3-218
ALPHA Car	0622-52	3-490
BETA Car	0912-69	4-193
CHI Car	0755-52	3-703
EPSILON Car	0821-59	4-52
NU Car	0945-64	4-253
THETA Car	1041-64	4-356
ETA CARINA	1038-59	4-348, 4-355, 4-365, 4-368, 4-377, 4-384
CAR OB2	1106-59	4-415
CARTWHEEL	0035-33	2-91
AO Cas	0015+50	2-40
BETA Cas	0006+58	2-15
ETA Cas	0045+57	2-126
HT Cas	0107+59	2-185
RX Cas	0303+67	2-482
SX Cas	0008+54	2-23
Cas A	2321+58	7-441
RHO Cas	2351+57	7-498
CASTOR	0731+31	3-650
CD-42	1943-42	6-801
ALPHA Cen	1435-60	5-520
BETA Cen A	1358-60	5-384
BV Cen	1328-54	5-308
Cen-A	1307-41	5-251, 5-264, 5-274, 5-281, 5-292, 5-315
Cen A	1322-42	5-293
Cen X-3	1119-60	4-442
Cen X-4	1454-31	5-565
PROX Cen	1425-62	5-488
PROXIMA Cen	1426-62	5-490
RR Cen	1434-57	5-514
RS Cen	1118-61	4-441
V 436 Cen	1112-37	4-431
CENTAURUS	1237-40	5-152, 5-161, 5-165, 5-177,

Keyword	Position	Pages
26 Cep	2225+64	5-188, 5-189, 7-337
ALPHA Cep	2117+62	7-208
BETA Cep	2128+70	7-228
DI Cep	2254+58	7-384
EE Cep	2007+55	7-16
GK Cep	2130+70	7-237
LAMBDA Cep	2209+59	7-315
THETA Cep	2028+62	7-54
U Cep	0057+81	2-166
VV Cep	2155+63	7-282
VW Cep	2038+75	7-90
XI Cep	2202+64	7-297
DELTA Cep	2227+58	7-343
Cep OB3	2254+62	7-392
39 Cet	0114-02	2-205
9 Cet (HD 1835)	0020-12	2-55
ALPHA Cet	0259+03	2-475
BETA Cet	0041-18	2-112
Cet DEEP SURVEY	0105-03	2-179
DELTA Cet	0236+00	2-421
KAPPA Cet(HD 20630)	0317+03	2-512
OMICRON Cet	0216-03	2-368
PI Cet	0241-14	2-439
TAU Cet	0141-16	2-295
TW Cet	0146-21	2-304
UV Cet	0136-18	2-276, 2-277, 2-278, 2-279
WW Cet	0008-11	2-26
ZETA Cet	0151-10	2-312
CG075+0	2017+36	7-36
CG189+1	0607+22	3-470
CG284-1	1022-57	4-323
CG295+0	1147-62	4-506, 4-513
CG 353+16	1623-25	6-91, 6-97, 6-104
ALP Cha	0819-76	4-48
W Cha	1106-77	4-417, 4-420
Z Cha	0808-76	4-23, 4-24
CLUSTER 197	0208-50	2-346
CLUSTER 249	0346-45	2-600
CLUSTER 31	0352-74	2-614
CLUSTER 419	0400-26	3-3
CLUSTER 528	2035-23	7-82
CLUSTER 597	2040-19	7-97, 7-147
15 CMa	0651-20	3-560
29 CMa	0716-24	3-614, 3-615
ALPHA CMa	0642-16	3-545
ALPHA CMa B	0642-16	3-543, 3-544
BETA CMa	0620-17	3-487
CMa	0642-16	3-543, 3-544, 3-560, 3-586, 3-587, 3-588, 3-614, 3-615
DELTA CMa	0706-26	3-596
EPSILON CMa	0656+28	3-574
ETA CMa	0722-29	3-629, 3-630
K CMa	0705-16	3-593
OO CMa	0700-23	3-583
OMEGA CMa	0712-26	3-607
SIGMA CMa	0659-27	3-579
SX CMa	0707-16	3-598
VY CMa	0720-25	3-627
XI CMa	0629-23	3-505
ALPHA Cmi	0736+05	3-664
SV Cmi	0728+06	3-644
YZ Cmi	0741+03	3-681, 3-682, 3-683, 3-684
75 Cnc	0905+26	4-180
ALPHA Cnc	0855+12	4-163

Target Index

Keyword	Position	Pages
KAPPA Cnc	0905+10	4-178
RU Cnc	0834+23	4-99
RZ Cnc	0836+31	4-102
S Cnc	0841+19	4-118
SY Cnc	0858+18	4-169
YZ Cnc	0807+28	4-19
COALSACK	1226-63	5-105
72 Col	0602-32	3-459
MU Col	0544-32	3-405
37 Com	1257+31	5-225
BETA Com	1309+28	5-259
FK Com	1328+24	5-311
GP Com	1303+18	5-240
UX Com	1259+28	5-231
CONE NEBULA	0638+09	3-536
CPG 217	0949+08	4-260
EPSILON Cra	1855-37	6-673
S CrA	1857-37	6-677
Y CrA	1810-43	6-498
IOTA CrB	1559+29	5-766
RT CrB	1536+29	5-702
SIGMA CrB	1612+33	6-40
T CrB	1557+26	5-762
THETA CrB	1530+31	5-680
THETA2 Cru	1201-62	5-2
Cru OB1	1135-63	4-473
ALPHA Crv	1205-24	5-15
BETA Crv	1231-23	5-124
CTA 1	0002+71	2-5, 2-32
CTA 26	0336-01	2-568
CTA 102	2230+11	7-348
CTB 1	2359+62	7-510
CTB 63	1852+15	6-664, 6-665, 6-671
CTB 80	1950+32	6-813
AM CvN	1231+37	5-127
RS CvN	1308+36	5-253
55 Cyg	2047+45	7-134
61 Cyg	2104+38	7-191
68 Cyg	2116+43	7-206
ALPHA Cyg	2039+45	7-93
BF Cyg	1921+29	6-760
CH Cyg	1923+50	6-765
CI Cyg	1948+35	6-808
Cyg A	1957+40	6-822
Cyg OB2	2023+37	7-51, 7-67
Cyg OB1	2023+37	7-51
Cyg X-1	1955+35	6-820
Cyg X-3	2027+40	7-53, 7-56, 7-57, 7-58, 7-59, 7-60, 7-61, 7-62, 7-63, 7-64, 7-65, 7-69, 7-70, 7-71, 7-72, 7-73, 7-75
Cyg X-6	2109+45	7-195, 7-199, 7-205, 7-221, 7-222, 7-223
DELTA Cyg	1943+45	6-799
EM Cyg	1936+30	6-784
EPSILON Cyg	2044+33	7-114
P Cyg	2015+37	7-35
SS Cyg	2140+43	7-255
THETA Cyg	1935+50	6-778
V 1016 Cyg	1955+39	6-818
V 1057 Cyg	2057+43	7-179
V 1102 Cyg	1909+52	6-711
V 1331 Cyg	2059+50	7-183
V 1500 Cyg	2109+47	7-193

Keyword	Position	Pages
V 367 Cyg	2046+39	7-125
XI Cyg	1948+32	6-809
ZETA Cyg	2110+30	7-196
CYGNUS LOOP	2040+30	7-96, 7-99, 7-101, 7-103, 7-105, 7-107, 7-108, 7-109, 7-110, 7-111, 7-112, 7-113, 7-115, 7-118, 7-119, 7-120, 7-122, 7-123, 7-126, 7-127, 7-128, 7-129, 7-131, 7-133, 7-136, 7-137, 7-139, 7-140, 7-142, 7-143, 7-145, 7-146, 7-148, 7-149, 7-150, 7-151, 7-152, 7-154, 7-155, 7-156, 7-157, 7-159, 7-160, 7-161, 7-162, 7-163, 7-164, 7-165, 7-166, 7-168, 7-170, 7-171, 7-173, 7-174, 7-175, 7-176, 7-177, 7-178, 7-180
D 92	1915+12	6-728
DA 240	0744+55	3-689
DA 393	1555+00	5-755
DEEP SURVEY	0105-03	2-179, 6-79
BETA Del	2035+14	7-83
DELTA Del	2041+14	7-102
HR Del	2040+18	7-95
DEM 249	0536-70	3-350
DEM 299	0543-68	3-393
DEM 90	0511-67	3-214
DEN #238	0535-70	3-336
DM +1 4774	2346+02	7-487
DM +5 1668	0724+05	3-636
DM +19 5116	2329+19	7-452, 7-453
DM +30 2512	1419+29	5-473
DM +56 1458	1027+56	4-330
DM +68 946	1736+68	6-324
DM -7 3646	1332-08	5-324
DM -7 4003	1516-07	5-630
30 Dor	0539-69	3-372
BETA Dor	0533-62	3-318
46 Dra	1841+55	6-635
AB Dra	1951+77	6-814
AG Dra	1601+66	6-7
AS Dra	1220+73	5-72
ALPHA Dra	1403+64	5-408
BETA Dra	1729+52	6-287
BY Dra	1832+51	6-596
CHI Dra	1821+72	6-539
CR Dra	1615+55	6-59
CX Dra	1845+52	6-646
DELTA Dra	1912+67	6-715
ETA Dra	1623+61	6-82, 6-83
GAMMA Dra	1755+51	6-412
MU Dra	1704+54	6-211
OMICRON Dra	1850+59	6-660
RZ Dra	2028+11	7-55
SIGMA Dra	1932+69	6-775
THETA Dra	1600+58	6-3
TW Dra	1533+64	5-694
WW Dra	1638+60	6-137
ZETA Dra	1708+65	6-224
DRACO DEEP SURVEY	1710+71	6-230
DRA DEEP SURVEY	1709+71	6-228
DUBHE	1100+62	4-401
EG 3	0017+13	2-46
EG 005	0046+05	2-129

Target Index

Keyword	Position	Pages
EG 011	0135-05	2-273
EG 25	0349+24	2-606
EG 033	0412-07	3-31
EG 038	0429+17	3-101
EG 046	0612+17	3-477
EG 054	0737-17	3-668
EG 098	1313+29	5-271
EG 099	1327-08	5-304, 5-305
EG 100	1334+03	5-330
EG 113	1544+00	5-720
EG 129	1900+70	6-685
EG 131	1917-07	6-741
EG 144	2126+73	7-227
EG 187	1254+22	5-211
EG 224	1709+23	6-226
EG 239	1645+32	6-152
EG 242	1822+41	6-545
EG 248	0548-00	3-424
EG 275	1620+26	6-71
EG 288	0346-01	2-597
EG 289	0548+00	3-423
EG 291	0840+26	4-117
EG 305	0002+72	2-4
EG 315	0435+41	3-126
EG 386	1011+57	4-303
ALPHA Equ	2113+05	7-201
82 Eri	0317-43	2-513
AH Eri	0420-13	3-60
AS Eri	0329-03	2-537, 2-538, 2-539, 2-540, 2-541
BETA Eri	0505-05	3-200
CC Eri	0232-44	2-406
EPSILON Eri	0330-09	2-542
NU Eri	0433-03	3-124
PHI Eri	0214-51	2-366
RZ Eri	0441-10	3-139
TAU9 Eri	0357-24	2-626
TAU 1 Eri	0242-18	2-442
XI Eri	0313-09	2-504
YY Eri	0409-10	3-22
40 Eri B	0412-07	3-31
Eri DEEP SURVEY	0438-16	3-130, 3-131, 3-132, 3-133
ESO 141-G55	1916-58	6-736
F44-46	1809-57	6-486
FAIRALL X	1228+07	5-113
FEIGE 7	0041-10	2-113
SY For	0251-37	2-456
FORNAX	0320-37	2-515, 2-516, 2-517
FORNAX A	0320-37	2-517
G4.5+6.8	1727-21	6-283
G6.4-0.1	1757-23	6-424
G11.2-0.3	1808-19	6-484
G21.5-.9	1830-10	6-584
G22.7-0.2	1830-09	6-582
G24.7+0.6	1831-07	6-586
G29.7-0.3	1843-03	6-644
G33.6+0.1	1849+00	6-656
G39.2-0.3	1901+05	6-686
G39.7-2.0	1910+05	6-712
G49.2-0.5	1921+13	6-755
G53.7-2.2	1936+17	6-781
G53.9+0.3	1927+18	6-770
G54.4-0.3	1930+18	6-774
G74.9+1.2	2014+37	7-32
G78.1+1.8	2033+40	7-81

Keyword	Position	Pages
G89.0+4.7	2041+50	7-104, 7-124, 7-132
G93.2+6.7	2051+54	7-158
G94.0+1.0	2123+51	7-219
G120.1+1.4	0021+63	2-59
G127.1+0.54	0124+62	2-241
G130.7+3.1	0201+64	2-325
G160.5+2.8	0452+46	3-164, 3-173, 3-181, 3-194
G260.4-3.4	0817-43	4-38, 4-40, 4-46, 4-51
G261.9+5.5	0902-38	4-174
G287.8-0.5	1042-59	4-360
G290.1-0.8	1100-60	4-402
G291.0-0.1	1109-60	4-424
G292.0+1.8	1122-58	4-448
G296.5+10.0	1206-52	5-19
G308.7+0.0	1337-61	5-340
G309.8+0.0	1347-61	5-363
G315.4-2.3	1438-62	5-525
G321.9-0.3	1516-57	5-629
G326.3+1.8	1546-56	5-728, 5-733, 5-739, 5-744
G326.3-1.8	1548-56	5-737
G328.4+0.2	1551-53	5-746
G348.5+1	1811-38	6-499
G350.0-1.8	1723-38	6-267
GC 6034	1601+17	6-6
GC 24450	1755+15	6-416
GD 104	0844-09	4-129
GD 108	0958-07	4-276
GD 113	1003+01	4-287
GD 298	0927+48	4-219
I Gem	0601+23	3-456
ALPHA Gem	0731+31	3-650
BETA Gem	0742+28	3-685
EPSILON Gem	0640+25	3-538
GAMMA Gem	0634+16	3-523, 3-524
SIGMA Gem	0739+29	3-676, 3-677
TV Gem	0608+21	3-473
U Gem	0752+22	3-698, 3-699, 3-700
YY Gem	0730+31	3-649
ZETA Gem	0701+20	3-584, 3-585
GKP SNR	1927+31	6-771, 6-780, 6-788
GLIESE 875	2247-07	7-370
GLIESE 812	2053-05	7-167
GLS65B	0136-18	2-276, 2-277
GLS285	0741+03	3-681, 3-684
GLS388	1016+20	4-311
GR 267	0041-10	2-113
GR 290	0553+05	3-443
GR 372	1748+70	6-381
ALPHA Gru	2204-47	7-302
GUM 61	1716-36	6-244
GXC	1742-29	6-355
H-H 26	0543-00	3-398
H-H 34	0533-06	3-315
HAMAL	0204+23	2-332
HARO 2	0327-17	2-530
HARO 20	0325-17	2-529
HB 3	0209+62	2-350, 2-354, 2-359, 2-370
HB9	0452+46	3-164, 3-173, 3-181, 3-194
HB21	2041+50	7-104, 7-116, 7-124, 7-132
HBV 475	2049+35	7-144
HC40	1930+18	6-774
HD 108	0003+63	2-9
HD 352	0005-02	2-11
HD 358	0005+28	2-12
HD 432	0006+58	2-15

Target Index

Keyword	Position	Pages
HD 3369	0033+33	2-86
HD 3421	0034+35	2-88
HD 3546	0035+29	2-94
HD 4174	0041+40	2-114
HD 4614	0045+57	2-126
HD 4628	0045+05	2-124
HD 5303	0051-74	2-145
HD 5516	0054+23	2-157
HD 9562	0131-07	2-259
HD 10072	0136+44	2-275
HD 12323	0159+55	2-320
HD 14386	0216-03	2-368
HD 16141	0232-03	2-405
HD 17081	0241-14	2-439
HD 17138	0244+69	2-446
HD 17433	0245+30	2-447
HD 17638	0248+56	2-452
HD 17925	0250-12	2-454
HD 19832	0309+27	2-496
HD 20210	0313+34	2-503
HD 20320	0313-09	2-504
HD 21531	0325-19	2-528
HD 22468	0334+00	2-554
HD 22928	0339+47	2-574
HD 24398	0350+31	2-611
HD 24912	0355+35	2-621
HD 24916	0354-01	2-619
HD 25267	0357-24	2-626
HD 25487	0400+27	3-5
HD 25604	0401+21	3-6
HD 25823	0403+27	3-11
HD 26676	0410+10	3-27
HD 26913A	0412+06	3-30
HD 27295	0416+21	3-37
HD 28497	0426-13	3-91
HD 29140	0432+10	3-118
HD 29317	0435+52	3-127
HD 31398	0453+33	3-167
HD 32068/9	0458+41	3-185
HD 32147	0458-05	3-182
HD 33904	0510-16	3-211
HD 36486	0529-00	3-285
HD 37043	0532-05	3-313
HD 37742	0538-01	3-362
HD 38099	0540-01	3-381
HD 38666	0544-32	3-405
HD 40932	0559+09	3-453
HD 43318	0613-00	3-480
HD 44179	0617-10	3-485
HD 45088	0623+18	3-493
HD 47129	0634+06	3-522
HD 50138	0649-06	3-556, 3-557, 3-558
HD 50281	0649-05	3-559
HD 50778	0651-11	3-561
HD 50896	0652-23	3-563, 3-564
HD 51477	0654-08	3-566
HD 51480	0654-10	3-565
HD 53367	0702-10	3-589
HD 57061	0716-24	3-617, 3-618, 3-619
HD 59693	0728-09	3-643
HD 62044	0739+29	3-676, 3-677
HD 64096	0749-13	3-695
HD 65818	0756-49	3-705
HD 66811	0801-39	4-5
HD 68273	0807-47	4-20, 4-21

Keyword	Position	Pages
HD 72754	0830-49	4-82
HD 74956	0843-54	4-124
HD 75732	0849+28	4-144
HD 75759	0848-41	4-140
HD 75767	0849+08	4-143
HD 76756	0855+12	4-163
HD 78316	0905+10	4-178
HD 78362	0906+63	4-183
HD 80007	0912-69	4-193
HD 82106	0927+05	4-218
HD 84117	0939-23	4-236
HD 85217	0947+04	4-255
HD 86161	0953-57	4-266
HD 87901	1005+12	4-291
HD 88230	1008+49	4-295
HD 88500	1008-60	4-297
HD 89358	1015-57	4-308
HD 92740	1039-59	4-351
HD 93131	1041-59	4-357
HD 94305	1049-62	4-374
HD 95216	1057+11	4-390
HD 95608	1059+20	4-398
HD 96511	1006+82	4-292
HD 96548	1104-65	4-413
HD 101581	1138-44	4-479
HD 102552	1145-60	4-496
HD 102574	1145-10	4-498
HD 102647	1145+14	4-499
HD 103932	1155-27	4-519
HD 104994	1202-61	5-7
HD 111456	1246+60	5-186
HD 112185	1251+56	5-199
HD 112413	1253+38	5-204
HD 113904	1304-65	5-243
HD 116658	1322-10	5-294
HD 118022	1331+03	5-321
HD 119078	1339-67	5-346
HD 122451	1358-60	5-384
HD 124752	1411+67	5-433
HD 125111	1414+39	5-448
HD 125248	1415-18	5-454
HD 125337	1416-13	5-461
HD 128220	1432+19	5-509
HD 129056	1438-47	5-523
HD 130817	1447+38	5-540
HD 132742	1458-08	5-571
HD 134687	1507-44	5-597
HD 140283	1540-10	5-711
HD 141714	1547+26	5-731
HD 143807	1559+29	5-766
HD 148112	1623+14	6-78
HD 148898	1629-21	6-107
HD 148937	1630-48	6-113
HD 149404	1637-42	6-135
HD 149499 B	1633-57	6-122
HD 149730	1635-56	6-131
HD 149757	1634-10	6-124
HD 151804	1648-41	6-157, 6-158
HD 151932	1648-41	6-161
HD 152248	1650-41	6-163
HD 152667	1653-40	6-171
HD 153919	1700-37	6-192
HD 155125	1707-15	6-223
HD 156274	1715-46	6-240
HD 156826	1717-05	6-246

Target Index

Keyword	Position	Pages
HD 157857	1723-10	6-266
HD 157881	1723+02	6-265
HD 158393	1727-33	6-282
HD 159176	1731-32	6-298
HD 159975	1735-08	6-318
HD 160641	1738-17	6-334
HD 162076	1746+20	6-369
HD 163770	1754+37	6-406
HD 164058	1755+51	6-412
HD 165590	1803+21	6-461
HD 165763	1805-21	6-468
HD 166937	1810-21	6-496
HD 168206	1835-11	6-614
HD 169022	1821-34	6-541
HD 169753	1823-09	6-554
HD 173219	1841-07	6-636
HD 173524	1841+55	6-635
HD 173739	1842+59	6-638
HD 174638	1847+33	6-653
HD 175306	1850+59	6-660
HD 176819	1859+20	6-682
HD 178329	1904+41	6-691
HD 179094	1907+52	6-701
HD 181182	1916+19	6-735
HD 187399	1946+29	6-805
HD 188001	1950+18	6-812
HD 189103	1956-35	6-821
HD 190467	2001+36	7-2
HD 190603	2002+31	7-6
HD 191473	2006+37	7-14
HD 191765	2008+36	7-19
HD 192103	2010+36	7-23
HD 192310	2012-27	7-27
HD 192577/8	2012+46	7-26
HD 192641	2012+36	7-29
HD 193576	2017+38	7-37
HD 193924	2021-56	7-50
HD 195725	2028+62	7-54
HD 197406	2039+52	7-94
HD 197419	2040+35	7-98
HD 199579	2054+44	7-172
HD 200775	2100+67	7-185, 7-186
HD 202560	2114-39	7-202
HD 203280	2117+62	7-208
HD 204961	2130-49	7-236
HD 206267	2137+57	7-251
HD 206860	2142+14	7-262
HD 209791	2202+64	7-297
HD 209952	2204-47	7-302
HD 210434	2207-04	7-313
HD 213049	2225+55	7-336
HD 213389	2228+49	7-345
HD 216803	2253-31	7-383
HD 216956	2254-29	7-391
HD 217463	2257+62	7-396
HD 217987	2302-36	7-409
HD 218393	2304+49	7-414
HD 221507	2330-38	7-454
HD 223778	2339+75	7-475, 7-476, 7-477
HD 224085	2352+28	7-499
HD 250550	0559+16	3-449
HD 259431	0630+10	3-508
HD 330036	1547-48	5-732
HDE 283048	0350+25	2-609
HDE 310376	1103-68	4-411

Keyword	Position	Pages
HE2-38	0953-57	4-265
HE2-106	1410-63	5-426
HE2-127	1521-51	5-644
HE2-171	1630-34	6-115
HEN 1092	1542-66	5-716
HEN 1242	1640-62	6-140
7 Her	1605+17	6-20
72 Her	1718+32	6-252
110 Her	1843+20	6-643
112 Her	1850+21	6-657
AH Her	1642+25	6-146, 6-147
AK Her	1711+16	6-233
AM Her	1814+49	6-517
AW Her	1823+18	6-551
BETA Her	1628+21	6-106
DQ Her	1805+45	6-471
Her X-1	1656+35	6-180
HZ Her	1656+35	6-179
IOTA Her	1738+46	6-330
MM Her	1756+22	6-418
MU Her	1744+27	6-362
OMEGA Her	1623+14	6-78
PW Her	1808+33	6-485
THETA Her	1754+37	6-406
V 395 Her	1720+24	6-256
V 446 Her	1855+13	6-672
V 533 Her	1812+41	6-506, 6-507
ZETA Her	1712+24	6-236
Z Her	1755+15	6-416
HERCULES A	1648+05	6-160
HH 1	0533-06	3-326
HH 28-30	0428+17	3-94
HH 41	0533-05	3-321
HH 43	0535-07	3-340
Hor SPRCLST	0341-53	2-581
HR 17	0006+36	2-14
HR 407	0122+23	2-235
HR 753	0233+06	2-407
HR 878	0255+20	2-467
HR 976	0313+34	2-503
HR 1089	0332+06	2-548
HR 1099	0334+00	2-555, 2-556
HR 1222	0354+24	2-618
HR 1362	0418-06	3-46
HR 2142	0601-06	3-457
HR 2740	0712-46	3-604
HR 2846	0724+21	3-637
HR 3123	0756-23	3-704
HR 3538(HD 76151)	0851-05	4-152
HR 3578	0856-15	4-166
HR 3750(HD 81809)	0925-05	4-216
HR 3991	1007-12	4-293
HR 4413	1123-63	4-450
HR 4665	1213+72	5-44
HR 4934	1259+63	5-234
HR 5050	1321-04	5-291
HR 5110	1332+37	5-326
HR 5156	1339+08	5-349
HR 5270	1400+09	5-393
HR 5317	1411-00	5-432
HR 5365	1416+13	5-464
HR 5436	1429+62	5-504
HR 6493	1723-05	6-269
HR 6670	1750+06	6-388
HR 6950	1828+20	6-571

Target Index

Keyword	Position	Pages
HR 7260	1905+16	6-693
HR 7275	1907+52	6-701
HR 7428	1930+55	6-773
HR 7925	2039+60	7-92
HR 8191	2121+09	7-217
HR 8400	2158+72	7-287
HR 8703	2250+16	7-374
HY A	0915-11	4-198
39 Hya	0949-14	4-259
ALPHA Hya	0925-08	4-214
EX Hya	1249-28	5-190, 5-192, 5-193
GAM Hya	1316-22	5-279
GK Hya	0828+02	4-74
RW Hya	1331-25	5-320
ZETA Hya	0852+06	4-153
HYADES	0415+17	3-35, 3-41, 3-42, 3-43, 3-44, 3-45, 3-53, 3-54, 3-55, 3-56, 3-57, 3-58, 3-59, 3-63, 3-64, 3-68, 3-71, 3-72, 3-73, 3-74, 3-75, 3-76, 3-77, 3-78, 3-84, 3-85, 3-86, 3-87, 3-88, 3-92, 3-96, 3-97, 3-98, 3-112, 3-113, 3-114
ALPHA Hyi	0157-61	2-317
VW Hyi	0409-71	3-20
WX Hyi	0208-63	2-345
HZ9	0429+17	3-101
HZ22	1212+36	5-38, 5-39
HZ43	1313+29	5-271
II HZ 4	0855+37	4-160
IC 310	0313+41	2-505
IC 342	0341+67	2-583
IC 443	0612+22	3-479, 3-481, 3-482
IC 749/750	1156+42	4-521
IC 989	1412+03	5-435
IC 1024	1428+03	5-502
IC 1141	1547+12	5-730
IC 1459	2254-36	7-386
IC 1613	0102+01	2-174
IC 2574	1024+68	4-328
IC 3576	1234+06	5-136
IC 4296	1332-33	5-327
IC 4553	1532+23	5-686
IC 4642	1707-55	6-222
IC 4870	1932-65	6-776
IC 5063	2048-57	7-138
EPSILON Ind	2159-56	7-291
IRC 10216	0945+13	4-245
JUPITER	0807+20	4-18
JUPITER	1040+09	4-353
JUPITER	1043+09	4-361
K30	1047+00	4-371
K103	1108+03	4-422
K146	1427+07	5-499
K160	1508+05	5-601
K179	0931+10	4-225
K182	0955+10	4-271
KE 19 A	1342-60	5-356
KE 32	1611-50	6-35
KE 67	1821-12	6-544
KEPLER	1727-21	6-283
KLEMOLA 44	2340-28	7-479
KRUGER 60	2226+57	7-339
L97-12	0752-67	3-701

Keyword	Position	Pages
L134	1551-04	5-743
L145-141	1143-64	4-488
L745-46A	0737-17	3-668
L789-6	2235-15	7-359, 7-360
L870-2	0135-05	2-273
L1244-26	0612+17	3-477
L1517	0451+30	3-163
L1529	0428+25	3-99
AR Lac	2206+45	7-305, 7-306, 7-307, 7-308, 7-309, 7-310
BL Lac	2200+42	7-292
CP Lac	2213+55	7-317
HK Lac	2202+46	7-299
SW Lac	2251+37	7-377
RT Lac	2159+43	7-290
LANNING #10	0530+36	3-288
LANNING #33	0603+27	3-462
LB 3459	0531-69	3-301
LB 8684	0844+18	4-131
LB 8755/96	0848+15	4-138, 4-139
LB 8775	0848+16	4-141
LB 9440	1505+22	5-594
LB 9576	1515+23	5-626
LB 9612	1517+23	5-631
LB 9657	1519+25	5-637
LB 9707	1523+21	5-649
LB 9763	1527+20	5-662
LDS678A	1917-07	6-741
60 Leo	1059+20	4-398
93 Leo	1145+20	4-495
AD Leo	1016+20	4-311
ALPHA Leo	1005+12	4-291
AM Leo	1059+10	4-397
BETA Leo	1145+14	4-499
CN Leo	1053+07	4-385, 4-386
RHO Leo	1030+09	4-337, 4-338
TU Leo	0926+21	4-217
X Leo	0948+12	4-256
XY Leo	0958+17	4-278
Leo II	1110+22	4-427, 4-428
17 Lep	0602-16	3-461
BETA Lep	0526-20	3-267
ETA Lep	0554-14	3-444
V Lep	0608-20	3-472
LHS 145	0141-67	2-294
AP Lib	1514-24	5-624, 5-625
RV Lib	1433-17	5-511
UZ Lib	1529-08	5-674
LMC	0453-69	3-168, 3-174, 3-175, 3-191, 3-195, 3-197, 3-201, 3-203, 3-206, 3-207, 3-212, 3-213, 3-216, 3-219, 3-220, 3-222, 3-223, 3-224, 3-225, 3-226, 3-230, 3-232, 3-233, 3-234, 3-235, 3-336, 3-240, 3-243, 3-244, 3-248, 3-255, 3-257, 3-258, 3-259, 3-261, 3-262, 3-263, 3-266, 3-268, 3-269, 3-271, 3-273, 3-276, 3-286, 3-289, 3-290, 3-291, 3-292, 3-298, 3-302, 3-305, 3-317, 3-319, 3-320, 3-328, 3-336, 3-337, 3-339, 3-341, 3-343, 3-349, 3-361, 3-367, 3-369, 3-372, 3-373, 3-375, 3-380,
LMC (cont.)	0453-69	

Target Index

Keyword	Position	Pages
		3-383, 3-387, 3-389, 3-400, 3-404, 3-406, 3-409, 3-414, 3-415, 3-416, 3-417, 3-418, 3-420, 3-422, 3-428, 3-432, 3-433, 3-435, 3-440, 3-441, 3-442, 3-447, 3-448, 3-450, 3-452, 3-458
LMC BAR	0518-69	3-239
LMC X-1	0531-69	3-294, 3-306, 3-332, 3-338, 3-342, 3-344, 3-347, 3-348, 3-354, 3-358, 3-360, 3-364, 3-368, 3-374, 3-376, 3-377, 3-378, 3-379, 3-382, 3-384, 3-385, 3-388, 3-390, 3-391, 3-392, 3-394, 3-395, 3-397, 3-401, 3-402, 3-403, 3-407, 3-413, 3-421
LMC X-4	0532-66	3-307
LP658-2	0552-04	3-438
LSS 4368	1742-26	6-353
ALPHA Lup	1438-47	5-523
RU Lup	1553-37	5-752
LUPUS LOOP	1456-38	5-567, 5-603
LYNDS 1590	0517+07	3-236
LYNDS 409	1838-13	6-627
LYNDS 434	1839-11	6-631
LYNDS 669	1859+12	6-684
AY Lyr	1842+37	6-641
BETA Lyr	1847+33	6-653
LL Lyr	1833+38	6-601
MV Lyr	1905+43	6-694, 6-696, 6-697
M 2-9	1702-10	6-200
M 17	1817-16	6-527
M 23-12	2337-11	7-472
M 31	0037+40	2-100, 2-107, 2-110, 2-115
M 33	0131+30	2-255, 2-257
M 55	1936-31	6-783
M 57	1851+32	6-661
M 58	1235+12	5-145
M 59	1239+11	5-158
M 60	1241+11	5-166
M 64	1254+21	5-208
M 81	0951+69	4-263
M 84	1223+12	5-90
M 86	1223+13	5-89
M 87	1228+12	5-112
M 96	1044+12	4-363
M 101	1401+54	5-400, 5-401, 5-409
M 104	1237-11	5-150, 5-151
M 105	1045+12	4-364
MA 325	2325+23	7-446
MAFFEI 1	0232+59	2-404
MC 5	0830+11	4-80, 4-81
MCG 8-11-11	0551+46	3-434
MCS 87	0109+02	2-196
MCS 104	0126+03	2-244
MCS 154	0159+03	2-321
MCS 208	0007-00	2-18
MCS 211	0009-01	2-27
MCS 224	0013-00	2-31
MCS 232	0019+01	2-53
MCS 275	0043+00	2-116
MCS 287	0049+00	2-138
MCS 288	0049+01	2-139
MCS 294	0055+00	2-163

Keyword	Position	Pages
MCS 314	0115-01	2-210
MCS 402	0207-00	2-342
MHR44	1548-56	5-737
MI-67	1909+16	6-709
AU Mic	2041-31	7-106
MIRA	0216-03	2-368
MKN 1	0113+32	2-204
MKN 3	0609+71	3-474, 3-475
MKN 9	0732+58	3-653
MKN 11	0743+74	3-687
MKN 64	1304+34	5-242
MKN 78	0737+65	3-667
MKN 80	0739+64	3-672
MKN 96	0845+46	4-132
MKN 133	0958+72	4-275
MKN 142	1018+51	4-315
MKN 166	1116+62	4-437
MKN 176	1129+53	4-464
MKN 180	1133+70	4-469, 4-470
MKN 198	1206+47	5-17
MKN 205	1219+75	5-70
MKN 206	1221+67	5-82
MKN 217	1232+66	5-129
MKN 223	1243+71	5-173
MKN 226	1245+51	5-183
MKN 231	1254+57	5-205, 5-214
MKN 236	1258+48	5-230
MKN 252	1318+55	5-284
MKN 268	1338+30	5-342
MKN 270	1339+67	5-343, 5-344, 5-348
MKN 273	1342+56	5-355
MKN 279	1351+69	5-372
MKN 287	1436+73	5-522
MKN 289	1530+58	5-678
MKN 290	1530+58	5-678, 5-697
MKN 291	1552+19	5-751
MKN 304	2214+13	7-319, 7-320
MKN 315	2301+22	7-407
MKN 334	0000+21	2-1
MKN 348	0046+31	2-128
MKN 351	0055+28	2-162
MKN 352	0057+31	2-165
MKN 355	0119+26	2-222
MKN 372	0246+19	2-448
MKN 374	0655+54	3-571
MKN 382	0751+39	3-697
MKN 421	1101+38	4-406, 4-407
MKN 431	1148+35	4-510
MKN 437	1213+41	5-43
MKN 463	1353+18	5-377
MKN 474	1433+48	5-512
MKN 486	1535+54	5-698, 5-699
MKN 495	1602+26	6-8
MKN 501	1652+39	6-166, 6-167
MKN 502	1653+64	6-170
MKN 504	1659+29	6-190
MKN 506	1720+30	6-257
MKN 507	1748+68	6-380
MKN 541	2353+07	7-500, 7-501
MKN 573	0141+02	2-293
MKN 590	0211-00	2-357, 2-358
MKN 595	0238+06	2-429
MKN 617	0431-08	3-111
MKN 618	0433-10	3-125
MKN 704	0915+16	4-199

Target Index

Keyword	Position	Pages
MKN 705	0923+12	4-211
MKN 739	1133+21	4-471
MKN 766	1215+30	5-52
MKN 841	1501+10	5-578
MKW 1	0957-02	4-274
MKW 1S	0917+01	4-202
MKW 2	1027-02	4-331
MKW 2S	1024-03	4-326
MKW 3	1146-03	4-503
MKW 3S	1519+07	5-636
MKW 4	1201+02	5-3
MKW 4S	1204+28	5-11
MKW 5	1357-02	5-382
MKW 6	1415+02	5-449
MKW 7	1431+03	5-507
MKW 9	1529+04	5-675
MKW 10	1139+10	4-484
MKW 11	1309+11	5-256, 5-303
15 Mon	0638+09	3-533, 3-534, 3-535
31 Mon	0841-07	4-120
AR Mon	0718-05	3-624
AX Mon	0627+05	3-502
BT Mon	0641-01	3-539
EQ Mon	0655-09	3-567
PZ Mon	0645+01	3-550
U Mon	0728-09	3-643
VV Mon	0700-05	3-582
Mon OB1 & OB2	0633+11	3-499, 3-511, 3-518, 3-519, 3-530, 3-531, 3-537, 3-551
MONOCEROS SNR	0630+06	3-507, 3-521
MR 91	1858-04	6-680
MSH11-54	1122-58	4-448
MSH11-61A	1100-60	4-402
MSH14-63	1438-62	5-525
MSH 15-52A/B	1511-59	5-609
MSH15-56	1548-56	5-737
MSH 15-57	1551-53	5-747
MSH 18-113	1830-10	6-578
THETA Mus	1304-65	5-243
MWC 120	0538-02	3-363
MWC 603	1820+23	6-537
NORTH POLAR SPUR	1525+09	5-653, 5-654, 5-655, 5-656, 5-657, 5-658, 5-663, 5-664, 5-665, 5-666, 5-667, 5-668, 5-669, 5-670, 5-671, 5-687, 5-688, 5-689, 5-690, 5-691, 5-692, 5-693
N 51D	0525-67	3-264
N 57	0530-67	3-293
N 70	0543-67	3-396
N 86	0455-68	3-176
N 120	0519-69	3-241
N 144	0526-68	3-272
N 185	0454-70	3-170
N 186D	0500-70	3-192
NAB	0137-01	2-284
NB71.12	1120+71	4-445
NB75.19	0916+75	4-201
NGC 104	0021-72	2-58
NGC 128	0026+02	2-77
NGC 246	0044-12	2-118
NGC 247	0044-21	2-120
NGC 253	0045-25	2-125
NGC 315	0055+30	2-160, 2-161
NGC 520	0121+03	2-232

Keyword	Position	Pages
NGC 523	0122+33	2-234
NGC 524	0122+09	2-233
NGC 526/27	0119-35	2-225
NGC 526 A	0119-03	2-226
NGC 578	0128-22	2-248
NGC 584	0128-07	2-250
NGC 598	0131+30	2-255, 2-257
NGC 628	0134+15	2-267
NGC 652	0132-41	2-261
NGC 672/IC 1727	0144+27	2-300
NGC 720	0150-13	2-311
NGC 772	0156+18	2-316
NGC 817	0204+16	2-333
NGC 833	0206-10	2-341
NGC 871	0214+14	2-364
NGC 931	0225+31	2-388
NGC 936	0225-01	2-387
NGC 945	0226-10	2-390
NGC 984	0231+23	2-400
NGC 985	0232-09	2-402
NGC 1004	0235+01	2-410
NGC 1052	0238-08	2-428
NGC 1068	0240-00	2-435, 2-436
NGC 1073	0241+01	2-438
NGC 1090	0244-00	2-444
NGC 1097	0244-30	2-445
NGC 1167	0258+35	2-471
NGC 1175	0259-15	2-474
NGC 1201	0301-26	2-480
NGC 1261	0310-55	2-498
NGC 1265	0314+41	2-506
NGC 1275	0316+41	2-508
NGC 1300	0317-19	2-510
NGC 1313	0317-66	2-511
NGC 1316	0320-37	2-515, 2-516
NGC 1332	0324-21	2-526
NGC 1350	0329-33	2-536
NGC 1358	0331-05	2-545
NGC 1360	0331-21	2-544
NGC 1365	0331-36	2-546, 2-547
NGC 1380	0334-35	2-558
NGC 1395	0336-23	2-563
NGC 1398	0336-26	2-564, 2-565
NGC 1399	0336-35	2-566
NGC 1407	0337-18	2-571
NGC 1421	0340-13	2-577
NGC 1497	0359+22	2-632
NGC 1510	0401-43	3-7
NGC 1514	0406+30	3-15
NGC 1533	0408-56	3-18
NGC 1559	0417-62	3-40
NGC 1566	0418-55	3-48, 3-49
NGC 1569	0425+64	3-89
NGC 1574	0420-57	3-67
NGC 1600	0429-05	3-100
NGC 1653	0443-02	3-143
NGC 1672	0444-59	3-144
NGC 1685	0451-02	3-159
NGC 1784	0503-11	3-198
NGC 1904	0522-24	3-253
NGC 1947	0526-63	3-270
NGC 1961	0537+69	3-359
NGC 2210	0549-07	3-430, 3-431
NGC 2298	0647-35	3-552
NGC 2300	0716+85	3-616

Target Index

Keyword	Position	Pages
NGC 2314	0703+75	3-591
NGC 2366	0723+69	3-634
NGC 2392	0726+21	3-640
NGC 2403	0732+65	3-652
NGC 2508	0759+09	3-709
NGC 2525	0803-11	4-11
NGC 2608	0832+28	4-89
NGC 2613	0831-22	4-84
NGC 2629	0841+73	4-122
NGC 2642	0838-03	4-111
NGC 2683	0849+33	4-142
NGC 2685	0851+58	4-149
NGC 2693	0853+51	4-154
NGC 2719 A&B	0857+35	4-167
NGC 2763	0904-15	4-177
NGC 2773	0907+07	4-189
NGC 2775	0907+07	4-187
NGC 2782	0910+40	4-192
NGC 2808	0910-64	4-191
NGC 2835	0915-22	4-197
NGC 2841	0918+51	4-206
NGC 2848	0917-16	4-203
NGC 2859	0921+34	4-208
NGC 2903	0929+21	4-222
NGC 2974	0939-03	4-237
NGC 2992	0943-14	4-241, 4-242, 4-243
NGC 3031	0951+69	4-263
NGC 3034	0951+69	4-264
NGC 3077	0959+68	4-282
NGC 3078	0956-26	4-272
NGC 3079	0958+55	4-277
NGC 3081	0957-22	4-273
NGC 3115	1002-07	4-286
NGC 3125	1004-29	4-289
NGC 3199	1015-57	4-308
NGC 3227	1020+20	4-321, 4-322
NGC 3242	1022-18	4-324
NGC 3258	1026-35	4-329
NGC 3310	1035+53	4-347
NGC 3346	1040+15	4-354
NGC 3353	1042+56	4-359
NGC 3362	1042+06	4-358
NGC 3368	1044+12	4-363
NGC 3377	1045+14	4-367
NGC 3379	1045+12	4-364
NGC 3445 A&B	1051+57	4-379
NGC 3448	1051+54	4-380
NGC 3454/3455	1051+17	4-381
NGC 3489	1057+14	4-391
NGC 3504	1100+28	4-400
NGC 3516	1103+72	4-409, 4-410
NGC 3585	1110-26	4-426
NGC 3593	1111+13	4-430
NGC 3607	1114+18	4-433
NGC 3628	1117+13	4-439
NGC 3660	1121-08	4-446
NGC 3783	1136-37	4-474
NGC 3818	1139-05	4-482
NGC 3887	1144-16	4-492
NGC 3893/3896	1145+48	4-500
NGC 3894	1146+59	4-501
NGC 3923	1148-28	4-509
NGC 3991	1154+32	4-517
NGC 3998	1155+55	4-518
NGC 4036	1158+62	4-524

Keyword	Position	Pages
NGC 4038	1159-18	4-526
NGC 4038/9	1159-18	4-527
NGC 4051	1200+44	5-1
NGC 4105	1204-29	5-10
NGC 4151	1207+39	5-20, 5-21
NGC 4165	1209+13	5-29, 5-30
NGC 4178	1210+11	5-32, 5-33
NGC 4192	1211+15	5-34, 5-35
NGC 4203	1212+33	5-40
NGC 4206	1213+13	5-42
NGC 4212	1213+14	5-41
NGC 4215	1213+06	5-45
NGC 4216	1213+13	5-42
NGC 4235	1214+07	5-48
NGC 4236	1214+69	5-47
NGC 4244	1214+38	5-49
NGC 4254	1216+14	5-53, 5-108
NGC 4267	1217+13	5-57
NGC 4298	1219+14	5-67
NGC 4302	1219+14	5-67
NGC 4303A	1219+04	5-68
NGC 4321	1220+16	5-73, 5-74
NGC 4340	1221+16	5-76
NGC 4351	1221+12	5-78
NGC 4361	1221-18	5-81
NGC 4366	1221+07	5-79, 5-80
NGC 4378	1222+05	5-83
NGC 4382	1222+18	5-85
NGC 4385	1223+00	5-86
NGC 4406	1223+13	5-89, 5-118
NGC 4429	1224+11	5-91
NGC 4438	1225+13	5-95
NGC 4449	1225+44	5-97
NGC 4450	1225+17	5-99
NGC 4459	1226+14	5-101
NGC 4472	1224+09	5-92, 5-106
NGC 4473	1227+13	5-107
NGC 4501	1229+14	5-115
NGC 4507	1232-39	5-130
NGC 4526	1231+07	5-121
NGC 4527	1231+02	5-122
NGC 4535	1231+08	5-125
NGC 4536	1231+02	5-126
NGC 4548	1232+14	5-132
NGC 4552	1233+12	5-133
NGC 4565	1234+26	5-139
NGC 4568	1233+11	5-135
NGC 4569	1234+13	5-137
NGC 4571	1234+14	5-141
NGC 4578	1234+09	5-143
NGC 4579	1235+12	5-145
NGC 4589	1235+74	5-146
NGC 4590	1236-26	5-147
NGC 4593	1238-05	5-155
NGC 4594	1237-11	5-150, 5-151
NGC 4621	1239+11	5-158
NGC 4631	1239+32	5-159
NGC 4636	1240+02	5-160
NGC 4639	1240+13	5-163, 5-164
NGC 4643	1240+02	5-162
NGC 4649	1241+11	5-166
NGC 4664	1242+03	5-169, 5-170
NGC 4689	1245+14	5-179
NGC 4697	1245-05	5-184
NGC 4698	1245+08	5-181, 5-182

Target Index

Keyword	Position	Pages
NGC 4753	1249-00	5-191
NGC 4754	1250+11	5-194, 5-195
NGC 4756	1250-15	5-197
NGC 4782	1251-12	5-200
NGC 4826	1254+21	5-208
NGC 4833	1255-70	5-216
NGC 4845	1255+01	5-215
NGC 4861	1256+35	5-219
NGC 5024	1310+18	5-261
NGC 5068	1316-20	5-280
NGC 5077	1316-12	5-282
NGC 5101	1318-27	5-286
NGC 5102	1319-36	5-287
NGC 5135	1322-29	5-296
NGC 5139	1323-47	5-298
NGC 5204	1327+58	5-306
NGC 5236	1334-29	5-331
NGC 5248	1335+09	5-338
NGC 5253	1337-31	5-339
NGC 5272	1339+28	5-350
NGC 5291	1344-30	5-358
NGC 5318	1348+33	5-366
NGC 5322	1347+60	5-365
NGC 5363	1353+05	5-376
NGC 5457	1401+54	5-400, 5-401
NGC 5474	1403+53	5-409
NGC 5485	1405+55	5-413
NGC 5506	1410-02	5-427, 5-430, 5-431
NGC 5548	1415+25	5-452
NGC 5566	1417+04	5-468
NGC 5585	1418+56	5-472
NGC 5634	1426-05	5-498
NGC 5643	1429-43	5-503
NGC 5674	1431+05	5-506
NGC 5694	1436-26	5-521
NGC 5728	1439-17	5-527
NGC 5824	1500-32	5-577
NGC 5838	1502+02	5-586
NGC 5866	1505+55	5-592
NGC 5875	1507+52	5-596
NGC 5879	1508+57	5-600
NGC 5904	1515+02	5-627
NGC 5907	1514+56	5-620
NGC 5919	1518+07	5-634
NGC 6027	1556+20	5-760
NGC 6052	1603+20	6-13
NGC 6146	1623+41	6-84
NGC 6171	1629-12	6-111
NGC 6218	1644-01	6-150
NGC 6251	1637+82	6-136
NGC 6254	1654-04	6-173
NGC 6300	1712-62	6-235
NGC 6302	1710-37	6-229
NGC 6306/7	1706+60	6-221
NGC 6333	1716-18	6-243
NGC 6342	1718-19	6-249
NGC 6352	1721-48	6-261
NGC 6402	1734-03	6-317
NGC 6440	1745-20	6-367
NGC 6454	1743+55	6-358
NGC 6500	1753+18	6-400
NGC 6517	1759-08	6-438
NGC 6528	1801-30	6-450
NGC 6539	1802-07	6-451
NGC 6541	1804-43	6-463

Keyword	Position	Pages
NGC 6543	1758+66	6-434
NGC 6569	1810-31	6-495
NGC 6642	1828-23	6-570
NGC 6656	1833-23	6-599
NGC 6715	1851-30	6-662
NGC 6720	1851+32	6-661
NGC 6744	1905-63	6-692
NGC 6749	1902+01	6-689
NGC 6764	1906+50	6-699
NGC 6814	1939-10	6-792
NGC 6818	1941-14	6-797
NGC 6838	1951+18	6-815
NGC 6853	1957+22	6-823
NGC 6888	2010+38	7-24
NGC 6890	2014-44	7-33
NGC 6905	2020+19	7-48
NGC 6934	2031+07	7-68
NGC 6946	2033+59	7-78, 7-79, 7-80
NGC 6951	2036+65	7-84
NGC 6981	2050-12	7-153
NGC 7006	2059+15	7-181
NGC 7089	2130-01	7-238
NGC 7099	2137-23	7-252
NGC 7213	2206-47	7-304
NGC 7293	2226-21	7-342
NGC 7331	2234+34	7-357
NGC 7332	2235+23	7-358
NGC 7469	2300+08	7-403, 7-404
NGC 7496	2306-43	7-418
NGC 7538	2311+61	7-424
NGC 7552	2313-42	7-426, 7-427
NGC 7562	2313+06	7-425
NGC 7582	2315-42	7-429, 7-430, 7-436
NGC 7603	2316-00	7-433
NGC 7662	2323+42	7-445
NGC 7714	2333+01	7-458
NGC 7728	2337+26	7-471
NGC 7770	2348+19	7-492
NGC 7793	2355-32	7-503
NORTH GALACT. POLE	1306+29	5-246
NOVA CYG 1978	2142+42	7-264
NOVA VUL 1979	2019+21	7-46
NPS	1557+17	5-763, 5-764
NRAO 140	0333+32	2-551
NRAO 150	0014+31	2-39
NRAO 190	0439-00	3-136, 3-137
NRAO 530	1730-13	6-291, 6-292, 6-293
NRAO 5670	1828-02	6-574
NRAO 5890	1859+01	6-683
OB 081	0048-09	2-135, 2-136
OD043	0225-01	2-389
OI 090.4	0754+10	3-702
OJ 049	0829+04	4-76
OJ 131	0818-12	4-42
OJ 287	0851+20	4-151
OM-146	1127-14	4-457, 4-458
ON-162	1237-10	5-148
ON 029	1217+02	5-59, 5-60, 5-61, 5-62, 5-63
ON 231	1219+28	5-65
ON 325	1215+30	5-50
OQ 172	1442+10	5-531, 5-532
OR-102	1504-16	5-590, 5-591
OR 103	1502+10	5-582
OR 109	1505+10	5-593

Target Index

Keyword	Position	Pages
OT 081	1749+09	6-383
OT 129	1716+17	6-245
OT 295	1756+23	6-423
OT 546	1726+50	6-278, 6-279, 6-280
OV -198	1958-17	6-824
OV -213	1908-20	6-704
OX 029	2117+02	7-210
OX 036	2121+05	7-215
OX 169	2141+17	7-256, 7-257, 7-258, 7-259
OX 192	2155-15	7-284
OY 091	2254+07	7-388, 7-389, 7-390
66 Oph	1757+04	6-425
67 Oph	1758+02	6-428, 6-429
70 Oph	1802+02	6-455
ALPHA Oph	1732+12	6-300
DELTA Oph	1611-03	6-32
ETA Oph	1707-15	6-223
KAP Oph	1655+09	6-174
OMEGA Oph	1629-21	6-107, 6-108, 6-109
RHO Oph	1623-24	6-85, 6-87, 6-88, 6-90,
		6-92, 6-93, 6-105
RS Oph	1747-06	6-376, 6-377
RZ Oph	1843+07	6-642
SIGMA Oph	1724+04	6-270
U841 Oph	1656-12	6-183
V 502 Oph	1638+00	6-139
V 566 Oph	1754+04	6-405
V 839 Oph	1806+09	6-474
V 849 Oph	1811+11	6-500
XX Oph	1741-06	6-344
ZETA Oph	1634-10	6-124, 6-125, 6-126, 6-127
ALPHA Ori	0552+07	3-437
BETA Ori	0512-08	3-217
CHI2 Ori	0600+20	3-455
CN Ori	0549-05	3-429
DELTA Ori	0529-00	3-280, 3-281, 3-282, 3-283
EPSILON Ori	0533-01	3-323, 3-324
ETA Ori	0521-02	3-252
GW/V649 Ori	0526+11	3-265
IOTA Ori	0532-05	3-312, 3-313, 3-314
KAPPA Ori	0545-09	3-410, 3-411
LAMBDA Ori	0532+09	3-304
MU Ori	0559+09	3-453
PI 4 Ori	0448+05	3-151
PI5 Ori	0451+02	3-161
TAU Ori	0515-06	3-231
V 350 Ori	0537-09	3-357
V 371 Ori	0531+01	3-295
V 380 Ori	0535-06	3-335
XI Ori	0551+20	3-436
YY Ori	0532-05	3-303
ZETA Ori	0538-01	3-362
SIGMA Ori A	0536-02	3-345
ORION	0531-05	3-296, 3-297, 3-299, 3-308,
		3-310, 3-329, 3-331
OSMER-SMITH SAMP	0205-37	2-335, 2-463
PAL 10	1915+18	6-731
AR Pav	1806-66	6-472
DELTA Pav	2003-66	7-8
Pav DEEP SURVEY	2109-67	7-194
12 Peg	2143+22	7-267
51 Peg (HD 217014)	2255+20	7-393
56 Peg	2304+25	7-413
9 Peg	2142+17	7-263
AG Peg	2148+12	7-273

Keyword	Position	Pages
ALPHA Peg	2302+14	7-408
BETA Peg	2301+27	7-406
EPSILON Peg	2141+09	7-260
EQ Peg	2329+19	7-451
GT Peg	2249+31	7-371, 7-372, 7-373
GAMMA Peg	0010+14	2-28
MU Peg	2247+24	7-369
NU Peg	2322+23	7-443
PI Peg	2207+32	7-312
RU Peg	2211+12	7-316
TAU Peg	2318+23	7-440
PEGASUS CLUSTER	2317+07	7-438
12 Per	0239+39	2-432
AX Per	0133+54	2-262
BETA Per	0304+40	2-487
DELTA Per	0339+47	2-574
EPSILON Per	0433+41	3-120, 3-140
GK Per	0327+43	2-533, 2-534, 2-535
IOTA Per	0305+49	2-488
KT Per	0133+50	2-266
LX Per	0309+47	2-497
PHI Per	0140+50	2-291
RW Per	0416+42	3-38
XI Per	0355+35	2-621
ZETA Per	0350+31	2-611
H & CHI Per	0203+52	2-329, 2-338, 2-347, 2-356,
		2-365, 2-375, 2-384, 2-396,
		2-403, 2-449, 2-459
X Per	0352+30	2-612, 2-613
PERSEUS CLUSTER	0316+41	2-505, 2-506, 2-508
PHL 891/894/909	0052+14	2-147
PHL 909	0054+14	2-158
PHL 957	0100+12	2-169
PHL 1027	0130+03	2-253
PHL 1070	0134+03	2-269
PHL 1092	0137+06	2-282
C N PHL 1093	0137+01	2-283
PHL 1114	0139+04	2-289
PHL 1141	0143+07	2-299
PHL 1226	0151+04	2-313
PHL 1305	0226-03	2-391
PHL 1657	2135-14	7-247
PHL 3375	0128+07	2-249
PHL 5200	2225-05	7-338
RR Pic	0635-62	3-525
PICT A	0518-45	3-238
PISCES CLUSTER	0120+33	2-228
PLEIADES	0303+24	2-485, 2-579, 2-584, 2-585,
		2-593, 2-598, 2-599, 2-618
POOR GROUP 176	1729+06	6-289
POOR GROUP 181	1817+21	6-524
POOR GROUP 182	1809+21	6-489
PROCYON	0736+05	3-664
ALPHA PsA	2254-29	7-391
30 Psc	2359-06	7-509
33 Psc	0002-05	2-6
54 Psc (HD 3651)	0036+20	2-96
IOTA Psc	2337+05	7-470
OMEGA Psc	2356+06	7-504
PS13 Psc	0107+19	2-186
SZ Psc	2310+02	7-421
UU Psc	0012+08	2-30
UV Psc	0114+06	2-206
9 Pup	0749-13	3-695
CP Pup	0809-35	4-29

Target Index

Keyword	Position	Pages
RHO Pup	0805-24	4-16
TAU Pup	0648-50	3-555
V Pup	0756-49	3-705
VV Pup	0812-18	4-33, 4-34
XI Pup	0747-24	3-693
Pup OB1	0750-26	3-696
ZETA Pup	0801-39	4-1, 4-2, 4-3, 4-4, 4-5
Pup A	0817-43	4-38, 4-40, 4-44, 4-46, 4-51, 4-53, 4-56, 4-62
T Pyx	0901-32	4-173
R 105	1606-48	6-23
RCW 103	1613-50	6-49
RCW58	1104-65	4-412, 4-413
RCW86	1438-62	5-525
ALPHA RD	0925-08	4-214
RN 73	2037+88	7-88, 7-89
ROSETTE TRAPEZIUM	0636+05	3-504, 3-516, 3-527, 3-540
ROSS 47	0539+12	3-371
ROSS 128	1145+01	4-494
ROSS 248	2339+43	7-474
ROSS 614	0626-02	3-497
ROSS 974	1259-01	5-232
S140	2217+63	7-324, 7-325
S188	0127+58	2-247
S 252	0606+20	3-466
S308	0652-23	3-563, 3-564
SAO 34810	2244+57	7-368
SAO 076672	0433+27	3-121, 3-122, 3-123
SAO 100517	1315+18	5-277
SAO 103254	1755+15	6-415
SAO 251436	1128-65	4-462
SATURN	1149+03	4-512
SC430	0430-61	3-102
SCHEAT	2301+27	7-406
BETA Scl	2330-38	7-454
VZ Scl	2347+26	7-488
ALPHA Sco	1626-26	6-98
BETA 1 Sco	1602-19	6-9
DELTA Sco	1557-22	5-761
EPSILON Sco	1646-34	6-155
HK/CL Sco	1651-30	6-164
TAU Sco	1632-28	6-117, 6-118
U Sco	1619-17	6-69
V 455 Sco	1704-34	6-209
V 861 Sco	1655-41	6-177, 6-184
ALP Sct	1832-08	6-591
DELTA Sct	1839-09	6-628
RY Sct	1822-12	6-548
Sct OB2	1836-07	6-621
VY Sct	2326-30	7-448
ALPHA Ser	1541+06	5-713
CV Ser	1816-11	6-521
DELTA Ser	1532+10	5-685
ETA Ser	1818-02	6-530
FH Ser	1828+02	6-568
GAMMA Ser	1554+15	5-754
LAMBDA Ser	1544+07	5-719
W Ser	1806-15	6-473
X Ser	1616-02	6-60
XI Ser	1734-15	6-313
Ser OB2	1814-12	6-512
4 Sex	0947+04	4-255
FG Sge	2009+20	7-22
HM Sge	1938+16	6-786, 6-790, 6-791

Keyword	Position	Pages
U Sge	1914+19	6-721
UU Sge	1939+16	6-793, 6-794, 6-795
V Sge	2018+20	7-40, 7-41, 7-42
WZ Sge	2005+17	7-9, 7-10, 7-11
9 Sgr	1800-24	6-447
EPSILON Sgr	1821-34	6-541
MU Sgr	1810-21	6-497
RHO Sgr	1918-17	6-743
V 1017 Sgr	1828-29	6-575
V 1059 Sgr	1858-13	6-681
Sgr A	1742-28	6-351, 6-352
Sgr B2	1744-28	6-360
Sgr OB1	1758-22	6-426
SHAH 41	0125+07	2-243
SIRIUS	0642-16	3-545, 3-546, 3-547
SMC	0005-74	2-13, 2-25, 2-29, 2-50, 2-54, 2-57, 2-60, 2-61, 2-66, 2-83, 2-85, 2-89, 2-92, 2-97, 2-123, 2-130, 2-131, 2-132, 2-133, 2-134, 2-140, 2-141, 2-154, 2-167, 2-170, 2-173, 2-176, 2-188, 2-198, 2-207, 2-209, 2-214, 2-236, 2-242, 2-245, 2-246, 2-251, 2-274, 2-285, 2-296
SMC X-3	0050-72	2-141
SN 1181?	0201+64	2-325
SN 386?	1808-19	6-484
SS 29	1106-65	4-416
SS 32	1129-65	4-465
SS 36	1242-62	5-171
SS 42	1331-64	5-322
SS 94	1737-11	6-327
SS 143	1809-11	6-487
SS 148	1812-00	6-487
SS 433	1909+04	6-710, 6-713
STARFIELD'S STAR	1159-03	4-525
STEPANIAN	1535+19	5-701
STOCK 2	0211+25	2-355
10 Tau	0334+00	2-557
111 Tau	0521+17	3-251, 3-256
139 Tau	0554+25	3-445, 3-446
14 Tau	0340+19	2-579
17 Tau	0341+23	2-582
20 Tau	0342+24	2-587, 2-589
39 Tau	0554+25	3-445, 3-446
41 Tau	0403+27	3-11
46 Tau	0410+07	3-28
88 Tau	0432+10	3-117
AA Tau	0431+24	3-115, 3-116
ALPHA Tau	0433+16	3-119
BP Tau	0416+28	3-36
DE Tau	0418+27	3-50
DF Tau	0423+25	3-81
DG Tau	0423+25	3-79, 3-80
DI/DH Tau	0426+26	3-90
DL Tau	0430+25	3-106
DM/HN Tau	0430+18	3-107
ETA Tau	0344+23	2-595
FP/CX Tau	0411+26	3-29
RY Tau	0418+28	3-47
T Tau	0419+19	3-51, 3-52
ZETA Tau	0534+21	3-333
RR Tel	2000-55	7-1
TERZAN 3	1625-35	6-95

Target Index

Keyword	Position	Pages
TERZAN 7	1914-34	6-720
TERZAN 10	1800-26	6-445
TERZAN 12	1809-22	6-488
TG 20	1011+03	4-300
TG 29	1051+49	4-382
TG 39A	1138+18	4-481
TG 66	1306+62	5-247
TG 77	1347+40	5-364, 5-367, 5-370
TG 80	1359+09	5-392
TG 87	1417+03	5-469
TG 94	1454+49	5-566
TG 95	1459+02	5-575
TG 98	1531+15	5-683
TG 102	1538+59	5-710
TOLOLO	0108-38	2-193
TOLOLO 9	1031-28	4-341
TOLOLO 41	1359-29	5-391
TON 155/156	1318+29	5-285
TON 157	1320+29	5-290
TON 256	1612+26	6-36, 6-37
TON 424A	1028+29	4-335
TON 490	1010+25	4-299
GAMMA TrA	1514-68	5-618
6 Tri	0209+30	2-349
ALPHA Tri	0150+29	2-310
BETA Tri	0206+34	2-340
RW Tri	0222+27	2-380
ZETA Tuc	0017-65	2-47
TYCHO	0021+63	2-59
UGC 02555	0305+03	2-489
UGC 3691	0705+15	3-594
UGC 12618	2326+03	7-447
UM139	0145+04	2-302
UM232	0019+01	2-52
24 UMa	0930+70	4-223
61 UMa	1138+34	4-478
ALPHA UMa	1100+62	4-401
AN UMa	1101+45	4-405
EPSILON UMa	1251+56	5-199
IOTA UMa	0855+48	4-165
PI2 UMa	0834+65	4-98
PI UMa	0834+65	4-97
RW UMa	1138+52	4-477
SU UMa	0806+62	4-17, 4-22, 4-25
UX UMa	1334+52	5-336, 5-337
W UMa	0940+56	4-238
WX UMa	1102+43	4-408
XI UMa	1115+31	4-435
BETA UMi	1450+74	5-555
GAMMA UMi	1520+72	5-643
RS UMi	1551+72	5-745
UMi DEEP SURVEY	1409+72	5-424
VAN DEN BERG'S WINDOW	1819-31	6-535, 6-536
DE VAU G43	1049+33	4-376
DELTA Vel	0843-54	4-124
GAMMA2 Vel	0807-47	4-20, 4-21
MU Vel	1044-49	4-362
VELA PULSAR	0833-44	4-92
VELA SNR	0825-44	4-67, 4-71, 4-77, 4-85, 4-86
VELA X	0823-44	4-59, 4-68, 4-72, 4-75, 4-79, 4-83, 4-88, 4-91, 4-95, 4-96, 4-101, 4-105, 4-106, 4-110, 4-113, 4-115, 4-119, 4-121, 4-125, 4-127,

Keyword	Position	Pages
		4-133, 4-136, 4-137, 4-145, 4-150, 4-155, 4-164
59 Vir	1314+09	5-273
ALPHA Vir	1319-10	5-289, 5-299
BETA Vir	1148+02	4-508
DELTA Vir	1209-01	5-27
EPSILON Vir	1259+11	5-233
EQ Vir	1332-08	5-323
LAMBDA Vir	1416-13	5-461
MU Vir	1440-05	5-528
OMICRON Vir	1331+03	5-321
TW Vir	1142-04	4-487
VIRGO CLUSTER	1209+13	5-29, 5-30, 5-32, 5-33, 5-34, 5-35, 5-41, 5-42, 5-53, 5-57, 5-67, 5-68, 5-76, 5-78, 5-79, 5-80, 5-84, 5-89, 5-90, 5-91, 5-92, 5-99, 5-106, 5-107, 5-108, 5-110, 5-115, 5-118, 5-121, 5-125, 5-132, 5-133, 5-135, 5-138, 5-141, 5-144, 5-163, 5-164, 5-169, 5-170, 5-179, 5-181, 5-182, 5-194, 5-195
DELTA Vol	0716-67	3-620
CK Vul	1945+27	6-803
ER Vul	2100+27	7-184
LV Vul	1945+27	6-804
RS Vul	1915+22	6-726
VV 1-7	0738-18	3-671
VV 116	0936-04	4-229
VV 141	0725+72	3-638
VV 144	1122+54	4-449
VV 169	0519+06	3-242
VV 243	0850+35	4-147
VV 256	1358+41	5-385
VV 288	2233+33	7-353
VV 495	0337-02	2-569
VV 551	0647+63	3-553
VV 624	1604+30	6-17
VV 632	0804+57	4-13
VV 692	1511+04	5-608
VY 2-2	1922+09	6-762
VYSS III	0456+01	3-178, 3-179, 3-180
W 3 (OH)	0223+61	2-383
W 03	0221+61	2-379
W 28	1756-23	6-419, 6-420, 6-424, 6-432, 6-433
W 41	1832-08	6-595
W 42	1834-06	6-609
W 44	1853+01	6-669
W 47	1857+03	6-679
W 49 B	1907+08	6-703
W 50	1905+04	6-695, 6-708
W 51	1919+13	6-747, 6-749, 6-761, 6-763
W 63	2017+44	7-38, 7-39
W 66	2020+40	7-49
W 485A	1327-08	5-304, 5-305
W 489	1334+03	5-330
WOLF 424	1230+09	5-120
WOLF 489	1334+03	5-333
WOLF 630	1652-08	6-169
WOOLLEY# 206	0529+09	3-284
WOOLLEY# 334	0904-08	4-176
WOOLLEY# 402	1046+07	4-370

Target Index

Keyword	Position	Pages
WOOLLEY# 576	1502+05	5-585
WOOLLEY# 861	2226+05	7-340
WOOLLEY# 9400A	1213+05	5-46
WOOLLEY# 9566	1630+03	6-114
WP07	0253-08	2-460
WP8	0301-12	2-479
WP 23	1312-16	5-267
Z74-23	1400+09	5-399
Z479-1	0018+22	2-51
I ZW1	0050+12	2-142

Keyword	Position	Pages
I ZW 92	1439+53	5-526
I ZW 186	1726+50	6-278, 6-279, 6-280
II ZW1	0119-01	2-221
II ZW 28	0459+03	3-188
II ZW 40	0553+03	3-439
II ZW 136	2129+09	7-234, 7-235
VII ZW 23	0458+65	3-183
III ZW2	0007+10	2-19, 2-21
III ZWICKY 55	0338-01	2-573
ZWICKY CLUSTER 383	1552+11	5-750



REPORT DOCUMENTATION PAGE

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. AGENCY USE ONLY (Leave blank)		2. REPORT DATE April 1993	3. REPORT TYPE AND DATES COVERED Technical Memorandum	
4. TITLE AND SUBTITLE Einstein Observatory Catalog of IPC X-Ray Sources Volume 1--Documentation			5. FUNDING NUMBERS C NAS 8-30751	
6. AUTHOR(S) D.E. Harris, W. Forman, I.M. Gioia, J.A. Hale, F.R. Harnden, Jr., C. Jones, T. Karakashian, T. Maccauro, J.D. McSweeney, F.A. Primini, J. Schwarz, H.D. Tananbaum, and J. Thurman			8. PERFORMING ORGANIZATION REPORT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Smithsonian Institution Astrophysical Observatory 60 Garden Street, Cambridge, MA 02138				
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) National Aeronautics and Space Administration Washington, DC 20546			10. SPONSORING/MONITORING AGENCY REPORT NUMBER NASA TM-108401 Volume 1	
11. SUPPLEMENTARY NOTES The cdrom version of the catalog is available from NSSDC, GSFC/NASA, Code 633, Greenbelt, MD 20771 (request@NSSDCA.GSFC.NASA.GOV)				
12a. DISTRIBUTION/AVAILABILITY STATEMENT Unclassified-Unlimited Subject Category 90			12b. DISTRIBUTION CODE	
13. ABSTRACT (Maximum 200 words) <p>The Einstein Observatory (HEAO-2, launched November 13, 1978) achieved radically improved sensitivity over previous x-ray missions through the use of focusing optics, which simultaneously afforded greatly reduced background and produced true images. During its 2.5-yr mission, the Einstein X-Ray Telescope was pointed toward some 5,000 celestial targets, most of which were detected, and discovered several thousand additional "serendipitous" sources in the observed fields. This catalog contains contour diagrams and source data, obtained with the imaging proportional counter in the 0.16 to 3.5 keV energy band, and describes methods for recovering upper limits for any sky position within the observed images.</p> <p>The main catalog consists of six volumes (numbered 2 through 7) of right ascension ordered pages, each containing data for one observation. Along with the primary documentation describing how the catalog was constructed, volume 1 contains a complete source list, results for merged fields, a reference system to published papers and data useful for calculating upper limits and fluxes. A machine readable version of the catalog is available as a set of three CD-ROM (Compact Disk-Read Only Memory), and source information is also accessible via an on-line computer service.</p>				
14. SUBJECT TERMS astronomy, Einstein Observatory, x-ray sources, catalogs, HEAO-2			15. NUMBER OF PAGES 513	
			16. PRICE CODE	
17. SECURITY CLASSIFICATION OF REPORT Unclassified	18. SECURITY CLASSIFICATION OF THIS PAGE Unclassified	19. SECURITY CLASSIFICATION OF ABSTRACT Unclassified	20. LIMITATION OF ABSTRACT Unlimited	

