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The 1984–1987 Solar Maximum Mission Event List

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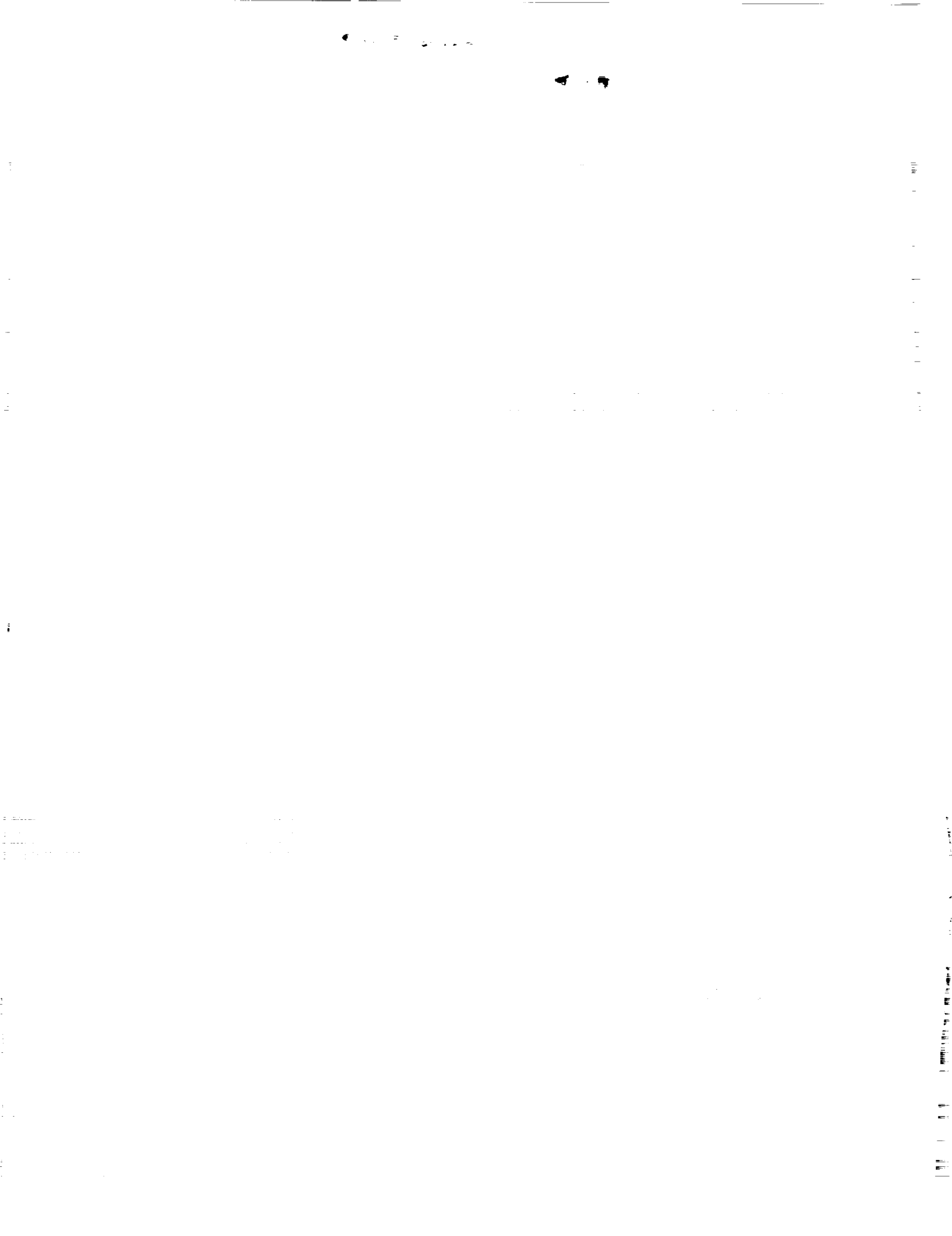
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INTRODUCTION

This document is an interexperiment compilation of solar burst activity observed by the Solar Maximum Mission (SMM) during the calendar years 1984 through 1987. Data from the following instruments are included:

1. Gamma-Ray Spectrometer (GRS)
2. Hard X-Ray Burst Spectrometer (HXRBS)
3. Flat Crystal Spectrometer (XRP-FCS)
4. Bent Crystal Spectrometer (XRP-BCS)
5. Ultraviolet Spectrometer and Polarimeter (UVSP)
6. Coronagraph/Polarimeter (C/P)

Also included are X-ray, radio, and optical data from the National Oceanic and Atmospheric Administration/U.S. Air Force solar observing network.

Several mission milestones affected data gathering. The following table documents those milestones:

- | | |
|---|--|
| 1. February 14, 1980 | - SMM launch. |
| 2. March 3, 1980 | - Light bulb on FCS crystal drive mechanism fails inhibiting crystal runs during 1980. |
| 3. June 1980 | - One HXIS microprocessor fails |
| 4. September 23, 1980 | - Final C/P image due to failure of the C/P Main Electronics Box. |
| 5. November 23, 1980 | - End of pointed observations due to Attitude Control System fuse failures. |
| 6. June 1981 | - HXIS fails. |
| 7. November 1983 -
April 1984 | - Severely limited tape recorder usage due to conservation efforts prior to repair. |
| 8. April 1984 | - Repair mission restores fine pointing control and replaces C/P Main Electronics Box. Observations were not full-time until May due to spacecraft checkout. |
| 9. April 26, 1985 | - UVSP loses commandability of wavelength drive. Remains in UV continuum near 1385A (second order) after this date. |
| 10. January 08-24, 1986 | - On board computer memory failure. |
| 11. January 28-30, 1986
and February 12-28 | - Comet Halley observations. |
| 12. December 7, 1986 | - C/P Tape recorder C fails. |
| 13. April 1, 1987 | - C/P resumes operations at reduced rate using tape recorder A. |

The SMM instruments had a wide range of spectral and temporal capabilities. Consequently, observed burst structure, timing, and evolution for a single event could differ greatly between the instruments, creating some

ambiguities in correlating events. Additional ambiguities occurred when full disk instruments observed superposed bursts and limited field of view instruments observed only one source region.

Bursts observed by HXRBS formed the basis for this list. The instrument viewed the whole sun and high sensitivity data were taken continuously except during orbital night and South Atlantic Anomaly (SAA) passages. The HXRBS events were correlated with GOES X-ray, radio and optical data primarily by time coincidence, but also by burst magnitudes, profiles, and durations. Bursts observed by GRS were then incorporated. Flares in which the impulsive phase was not observed due to night or SAA were supplied by the additional BCS and FCS detected events. Other low temperature events without high energy signatures, such as those related to filament disruptions, were also added (GOES X-ray, radio, and optical data were included for the new events). C/P coronal mass ejections were incorporated, but with few correlations with other SMM events. When ground-based H-alpha observers reported the likely source, this information was included. The UVSP experiment file was scanned, and information on experiment modes, wavelength, etc. was added. Finally, the SMM computer pointing log was surveyed to provide the spacecraft location at the time of each event.

Every event observed during the mission has been assigned a unique event number, ranging between 1 and 12776 for events observed by HXRBS, and between 20001 and 23444 for events not observed by HXRBS. In this listing all information for each event is displayed in a multi-line block, one line per instrument. The first line gives the 'event time' (GOES peak time if available), the day of year (DOY) of the event, and the SMM pointing latitude, longitude, pitch, yaw, roll, and heliocentric angle. Lines for Optical, GOES, HXRBS, GRS, XRP-BCS, XRP-FCS, UVSP, C/P, Radio (Sweep Frequency), and Radio (Discrete Frequency) data follow if the information is available. In addition, on a particular line, entries are printed only if the item of information is available. Some events that were catalogued as separate events may actually be part of another event. In these cases, the 'associated event' information is listed immediately after the 'primary event,' separated by a dashed line.

Each instrument team has compiled individual event listings, most of which include more data than recorded here. Requests for those listings should be addressed to the appropriate Principal Investigator. Requests for access to the computer file from which this listing was derived should be made to the SMM Project Scientist. Software for manipulation of this file resides on the SMM Data Analysis Center VAX computer.

Many individuals on each instrument team were involved in the generation of the data used in this document. Without their efforts this compilation would not have been possible. The descriptive text for each instrument was provided by the individual instrument team.

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Gamma-Ray Spectrometer (GRS)

The Gamma-Ray Spectrometer was a wide field of view X-ray, gamma-ray, and neutron spectrometer which recorded energetic photons with energies from 10 keV to greater than 100 MeV and neutrons with energies greater than 50 MeV. High resolution energy spectra were recorded between 300 keV - 9 MeV with 16.384 s temporal resolution. Higher time resolution (64 ms, 1.024 s, and 2.048 s) is available in some energy windows. Further instrumental details can be found in Forrest et al. (Solar Physics 1980, 65, 15).

The following list of events includes only those solar flares identified by an increase in the observed counting rate between 300 - 400 keV. The identification procedure uses a combination of visual and computer based search techniques. The visual technique employs manual inspection of the counting rates in the main spectrometer channels 10 through 30 which corresponds to an energy loss interval of 298 - 445 keV. The computer technique uses a comparison of a predicted rate based on a running average with the observed rate to search for events with a large rate of change of count rate. Both techniques are most efficient for impulsive events.

The search techniques also identify a number of non-solar transients. Those transients include cosmic gamma-ray bursts, particle precipitation events, and transients generated by orbiting nuclear reactors. The procedure for identification of reactor induced transients and particle precipitation events is described in Rieger et al. (Nature, 244, 441). Cosmic gamma-ray bursts are identified by the absence of associated GOES events, their positions (when available from the interplanetary network), short durations, and hard spectra.

Description of GRS entries:

1. Start time - expressed as hour:minute:second. All GRS times are based on 16.384 s Major Frame Pairs (MFP) required for a spectral accumulation between 0.3 and 9 MeV. Start time is the beginning time of the series of MFP which contains significant counts ≥ 300 keV. Therefore, the times and durations may disagree with other observations by up to 16.384 s.
2. End time - in 300 keV flux, expressed in hour:minute:second.
3. Max.E.MeV - the high-energy end of the channel band used for a power law spectral fit in MeV. The low-energy end of this band is always 300 keV. The high-energy end is determined by a statistical check of the data in 10 channel increments starting from the minimum required band channel 10 to 30. There may be gamma-ray emission above Max.E.
4. >10MeV - 'Y' indicates presence of excess counts in the High Energy Monitor which requires energy losses >10 MeV.

5. Neutrons - 'Y' flags events for which there is strong evidence that GRS has recorded delayed counts from a flux of solar neutrons giving energy loss >10 MeV.
6. Dur - Duration of event in seconds (see warning note in description of start time above).

Additional information is available in the GRS Flare and Cosmic Burst data sets maintained at the the University of New Hampshire. Contact the Principal Investigator for access to these data.

Hard X-Ray Burst Spectrometer (HXRBS)

The Hard X-Ray Burst Spectrometer [L.E. Orwig, K.J. Frost, B.R. Dennis. Solar Physics 1980, 65, 25] was an actively-shielded CsI(Na) scintillation crystal with a sensitive area of 71 cm^2 and a circular field of view with a 40 degree FWHM. Thus, the whole sun was observed with no spatial information.

The basic scientific data from HXRBS consist of the counting rate recorded every 128 ms in each of 15 pulse-height channels. In-orbit calibration data showed that these channels covered the energy-loss range from 25 to 440 keV immediately after launch and then drifted slowly to higher energies since that time.

In addition to the 128 ms spectral data, an on-board circulating 32K-word memory stored count-rate data for the bigger flares with finer time resolution. The number of counts with a pulse-height between the bottom edge of channel 1 and the top edge of channel 15 was recorded in fine time intervals of 10, 5, or 1 ms as indicated by the flags "M", "M5" or "M1" respectively. The absolute time of all counting rate data is known to an accuracy of a few milliseconds, except where noted in the listing, thus allowing detailed comparisons to be made with other coincident observations.

Most of the events in this listing were discovered in the HXRBS data within a day after the observation. An average of about 90% of the SMM data was received at the Experimenters' Operations Facility at Goddard Space Flight Center a few hours after data transmission to the various ground stations. The 24-hour data base was scanned each day for flares by plotting the counting rate in channel 2 as a function of time with 16 s time resolution. A flare which produced a 10% increase in counting rate lasting for a few seconds could be reliably detected above the 12 counts s^{-1} background rate typically measured in channel 2. This corresponds to a detection threshold level of approximately $10^{-3} \text{ photons cm}^{-2} \text{ s}^{-1} \text{ keV}^{-1}$ at 30 keV. Once an event had been discovered in this way, a standard plot of counting rate versus time was made with the counts in all 15 channels added together. Generally, a time resolution of 1.024 s was used for this plot with a time scale of 1 or 2 minutes per inch depending on the duration of the event. (Photographic copies of these particular plots are produced on microfiche and are available from the National Space Science Data Center, Code 601, NASA/GSFC, Greenbelt, MD 20771.)

Each legitimate event was given a number, referred to as the HXRBS event number, that uniquely identifies the burst. The event numbers generally follow a chronological sequence, as most events were identified within 24 hours of their occurrence. A few bursts, however, were only discovered several months later upon scanning through the complete data set provided on magnetic tape by

the Information Processing Division (IPD) at GSFC. These IPD flares are flagged in the listing with the letter "I," and their event numbers are generally out of chronological sequence.

The event number, the start time, the peak time and the duration are given for every event in the listing. These times are generally accurate to approximately 5 s. The peak counting rate summed over all 15 channels is also listed. This rate was obtained from a rate versus time plot with a time resolution of 1.024 s. It is the total rate including the pre-flare background rate of about 40 counts s^{-1} as indicated in Figure 1. For the larger flares, i.e. those with peak rates exceeding 100 counts s^{-1} and/or durations of greater than 200 s, the total number of counts recorded during the flare in excess of the pre-flare background is also listed. This gives an indication of the overall size of the burst.

A comprehensive listing of all events detected with HXRBS from launch to December 1987 is provided in "The Hard X-ray Burst Spectrometer Event Listing 1980 - 1987" [B.R. Dennis et al., NASA Technical Memorandum 4036], and a complete event listing covering the entire mission will be published as a NASA Technical Memorandum in Fall 1991.

Description of HXRBS entries:

1. Start time - expressed as hour:minute:second.
Peak time - expressed as hour:minute:second.
End time - expressed as hour:minute:second.
2. Peak...c/s - peak rate in counts per second. This is the total rate in the full energy range covered by the instrument (channels 1-15) and does not have the pre-flare background rate subtracted (see Figure 1).
3. Qual - Quality code as defined below:
 - 1- Entire event observed
 - 2 - Start of event not observed
 - 3 - End of event not observed
 - 4 - Start and end of event not observed
 - 11 - Entire event observed, but data missing due to night, SAA or other causes.
 - 12 - Start of event not observed and data missing during event
 - 13 - End of event not observed and data missing during event
 - 14 - Start and end of event not observed and data missing during event
4. Tot Cts - Total Counts, represents the integrated number of counts detected with HXRBS during the flare in excess of the pre-flare rate (see Figure 1).
5. MaxkeV - the high energy edge in keV of the highest channel showing any increase in rate during the flare.

6. FLAGS - the definitions of the letters in this column are as follows:
- M Memory data available with 10 ms time resolution.
 - M1 Memory data available with 1 ms time resolution.
 - M5 Memory data available with 5 ms time resolution.
 - I Event discovered well after the event time, in data provided by the Information Processing Division.
 - SN Event started in spacecraft night.
 - EN Event ended in spacecraft night.
 - IN Event interrupted by spacecraft night.
 - SA Event started when SMM was in the South Atlantic Anomaly (SAA).
 - ES Event ended when SMM was in the SAA.
 - IS Event interrupted by the SAA.
 - SG Event started in a data gap.
 - EG Event ended in a data gap.
 - DG Data gaps during event.
 - AX Event is probably the result of passage through trapped charged particles.
 - ND Noisy data.
 - NS Possible non-solar event.
 - FS Event contains one or more fast spikes with durations of less than one second.
 - EW Experiment status file contains wrong on-time information.
 - GB Event is a Gamma-Ray Burst.
 - + Insufficient space to print all existing flags.

NOTE: The presence of an asterisk following the HXRBS header line indicates the following conditions for the following events:

EVENT #	COMMENT
6890	Gain change. Energy range 32.8 to 575 keV.
6890-6892	Time on flare optical disk is high by 2.41s.
6891-6892	Gain change. Energy range 14.0 to 215 keV.
6894	Time on flare optical disk is high by 2.41s.
6897-6941	Time on flare optical disk is high by 2.41s.
6946-6959	Time on flare optical disk is high by 2.41s.
6961-7035	Time on flare optical disk is high by 2.41s.
8007	Gain change. Energy range 32.8 to 575 keV.
8223	Time on flare optical disk is high by 1.024s.
8285-8286	Gain change. Energy range 19.5 to 301 keV.
8327-8328	Time on flare optical disk is low by 1.922s.
8349	Gain change. Energy range 19.9 to 305 keV.

8399	Gain change. Energy range 169 to 2112 keV.
8555	Gain change. Energy range 20.3 to 312 keV.
8628	Time on flare optical disk is high by .298s.
8629	Time on flare optical disk is high by .306s.
8632	Time on flare optical disk is high by .09s.
8633	Time on flare optical disk is high by 1.689s.
8634	Time on flare optical disk is high by 1.713s.
8635-8636	Time on flare optical disk is high by 1.725s.
8637	Time on flare optical disk is high by 1.837s.
8638	Time on flare optical disk is high by 1.928s.
8639	Time on flare optical disk is high by 1.964s.
8640	Time on flare optical disk is high by 1.975s.
12728	Gain change. Energy range 14.0 to 215 keV.

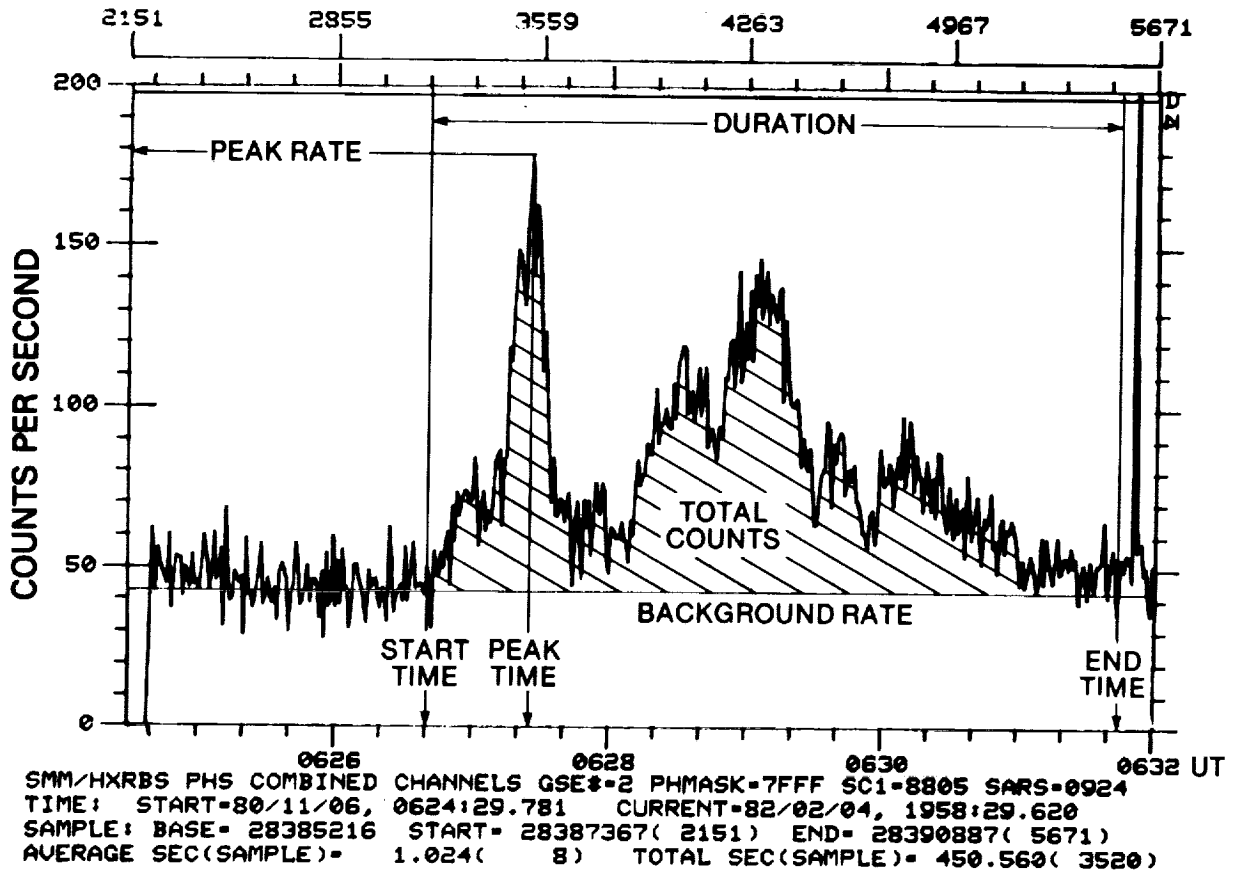


FIGURE 1: A standard plot of a hard X-ray burst (HXRBS event #1544) showing the rate of counts in channels 1 through 15 versus Universal Time. The time resolution is 1.024 s, the time scale is 1 inch per minute, and the counting rate is corrected for instrument dead time. The start time, peak time, end time, duration, peak rate, and total number of counts are indicated as they are determined for inclusion in the event listing.

X-Ray Polychromator (XRP)

The primary objective of the X-Ray Polychromator [Acton et al., *Solar Physics* 1980, 65, 53] was to study the physical conditions in the corona for a variety of solar phenomena. This was achieved through the use of two complementary instruments: the Bent Crystal Spectrometer (BCS), which continuously monitored the spatially integrated high temperature flux from flares, and the Flat Crystal Spectrometer (FCS), which could image an area of up to 7 arcminutes square in six bright spectral lines simultaneously, or make rapid scans over a wide wavelength range or at high resolution across individual line complexes. XRP gathered data during the peak of solar cycle 21 (February to November 1980), during its decline (following the in-orbit repair of SMM in April 1984), and through the rise phase of cycle 22, until November 1989, when spacecraft fine-pointing was lost prior to reentry.

The XRP experiment was conceived to observe the spectral region between 1.4 and 22.4 Å. In the temperature regime of solar active regions and flares (2 - 50 million K), this region exhibits a rich emission-line spectrum. The experiment was especially prepared to take advantage of the plasma diagnostic opportunity offered by the spectra of helium-like ions and their satellites [Gabriel and Jordan, in McDaniel and McDowell (eds.), *Case Studies in Atomic Collisions* 1972, (Amsterdam:North-Holland), 2, 209]; [Dubau and Volonte, *Rep. Prog. Phys.* 1980, 43, 199].

The BCS had eight bent Bragg crystal spectrometers with position-sensitive detectors covering important X-ray lines of highly-ionized calcium and iron. It was collimated to 6 arcminutes FWHM and was capable of changing its time resolution from 11 s to less than 0.5 s by using dynamic memory and sacrificing spectral coverage or resolution. The BCS was sensitive to the high-temperature ($T > 10$ million K) component of the flare plasma; the data are used to determine electron temperature, emission measure, dynamics, and elemental abundances of the plasma, and to look for nonequilibrium effects. For large events, the measured BCS count rates must be corrected for a dead time of about 40 microseconds, part of which depends on the position of photons along the anode. At sufficiently high count rates, (e.g., from GOES mid-X class flares), spectral distortion resulted. At lower rates, there was a simple suppression of the count rate. The suppression was a 10% effect at about 2550 counts s^{-1} (corresponding to about a GOES class M4 flare). The maximum observable count rate in BCS Channel 1 was 8760 counts s^{-1} , corresponding to an incident rate of 23800 counts s^{-1} .

The FCS had seven Bragg crystal spectrometers that could be scanned in wavelength over a broad spectral range. At the "home position" of the wavelength drive, each of seven channels could monitor the emission from a prominent soft X-ray line. An additional channel produced a coarse-resolution solar white light image which could be used for coregistration. The FCS was

sensitive to a wide range of temperature ($2 \text{ million K} < T < 70 \text{ million K}$) and hence could detect everything from quiescent active regions to flares. By scanning its wavelength drive, the FCS could access an even wider range of soft X-ray lines and measure Doppler broadenings and shifts. However, electrical and mechanical problems with the FCS wavelength drive limited its ability to take spectra. (In 1980 only four FCS experiments involving wavelength scans were run; about 400 were run throughout the mission.) The FCS isolated specific areas in the corona for study by using its narrow 14 arcsecond collimation. Images could be built up by a series of raster scans across the region of interest, with alternate lines in opposite directions.

Over the life of the mission, several of the BCS and FCS detectors became nonfunctional. BCS detectors 2 and 8 (high resolution Fe K-alpha and Fe XXVI Lyman-alpha) failed during 1980; BCS detectors 1, 3, 4, 5, 6, and 7 operated throughout the mission, with slow gain changes over time requiring occasional gain step adjustments. FCS detector 6, with its Ca XIX resonance peak offset from home position, failed in 1980; FCS detector 2 (Ne IX at home position) failed in February 1985. After June 1987, FCS detectors 1, 3, and 4 (O VIII, Mg XI, and Si XIII at home position), the remaining low-energy detectors, were used only in campaign mode, to conserve the remaining gas supply for these thin-window flow counters as far as possible into cycle 22. By August 1988, the FCS wavelength drive had lost scanning capability, although it could still be repositioned to the peaks of bright emission lines for imaging. In April 1989, the flow-detector gas supply for detectors 1 and 3 was exhausted, and the FCS became a flare imaging instrument only. The detector histories and observing sequences, including the default and special observing modes, are detailed in the XRP Users' Guide and its accompanying appendices. A separate catalogue of the FCS spectroscopic experiments run is also available.

The XRP Event Listing catalogues soft X-ray flares detected by the BCS instrument. For each event, the Start Time, Peak Time, and End Time in BCS Channel 1 (the Ca XIX channel) are given. The Start Time occurred when the BCS Ca XIX count rate rose above the background level up to 18 counts s^{-1} and the End Time occurred when the event decayed back to that threshold. (Near threshold or for multiple events, these times are necessarily somewhat arbitrary, and depend on the exact integration time used.) However, some event times were determined by orbital sunrise or sunset, where the flare started before satellite day or was prematurely ended by satellite night. If an event reached its peak during orbital night, or during SAA passage when the XRP detectors did not operate, the maximum level observed during satellite day and the time of that maximum are listed. The peak rate includes all counts recorded in the channel, uncorrected for background or dead time. The peak times and peak rates in the low-resolution Fe XXV channel (BCS Channel 4) are also given,

even if these are not above background level. (A valid Ca XIX event may not have a corresponding valid event in the hotter Fe XXV channel.)

The FCS entries in the XRP Event Listing should be used with care. An event observed by the BCS was not necessarily observed by the FCS, even if the FCS was operating. The FCS could have been pointed away from the flare site at the time of the event, in a "sit and stare" mode (in which the raster drive was at rest), or in a spatial raster which did not include the flare site or did not sample the flare site at the time of the flare. The quoted FCS peak time is often the starting time of the most recent FCS raster map; this is given only if the raster duration included a BCS peak time, but no check was made on whether the flare site was included in the raster. If the FCS was in a "sit and stare" mode, the location was typically either the brightest pixel of a previous FCS raster map, or the FCS boresight, neither of which was necessarily the flare site. Thus, the quoted peak intensity may not be associated with the flare itself; it could simply be the maximum intensity in a raster map, a peak in "sit and stare" lightcurve data taken at a location possibly other than the flare site, or a peak in spectral data associated with scanning a bright emission line.

NOTE: The count rates and times in the XRP Event Listing should not be used directly for analysis, but rather as a guide for selecting data for a given study. Any analysis program should refer to the original data. Particular care should be used in dealing with Event Listing entries with rates near the 18 counts s^{-1} threshold. Furthermore, derivation of physical parameters from BCS spectra for events with less than about 50 counts s^{-1} may be difficult.

Description of XRP-BCS Entries:

1. Start Time - in BCS Ca XIX channel, expressed as hour:minute:second.
2. Peak Time - in BCS Ca XIX channel, expressed as hour:minute:second.
3. End Time - in BCS Ca XIX channel, expressed as hour:minute:second.
4. Ca Peak..c/s - peak BCS Ca XIX channel count rate in counts s^{-1} .
5. QUAL - quality code from 1 to 8, indicating completeness of the observation:
 - 1 - entire event observed
 - 2 - only start of event observed
 - 3 - start and peak of event observed
 - 4 - peak and decay of event observed
 - 5 - only decay of event observed
 - 6 - no data, or bad data
 - 7 - only rise and decay observed (e.g., peak lost due to SAA)
 - 8 - only peak observed (including 20% rise and 20% decay)
6. FePeak - time of maximum count rate in Channel 4 (Fe XXV low resolution channel), not necessarily above the background level.

7. Fe Peak..c/s - peak BCS channel 4 (Fe XXV) count rate in counts s^{-1} , not necessarily above the background level.
8. # peaks - number of peaks in Ca XIX observed, where intensities changed by at least 20%.
9. dt - BCS accumulation time in seconds.
10. XEN - XRP event number.

Description of XRP-FCS Entries:

1. Peak Time - expressed as hour:minute. Note caveats above on relating this time to BCS event.
2. Peak3 - FCS Detector #3 (Mg XI channel) peak intensity in counts s^{-1} . Note caveats above on relating this intensity to the BCS event.
3. Rast - raster size in arcseconds. Note: Rast="0"x0" denotes a "sit and stare" mode with the raster drive at rest.
4. Step - raster step size in arcseconds (also the image pixel size). Possible step sizes were 5", 10", 15", or 20". Note: Step="0" implies a "sit and stare" mode.
5. Cad (cadence) - duration of the FCS mode, e.g., the time to complete one raster (in seconds if < 10000 sec, in minutes if > 10000 sec); this is also the repeat time for a series of like rasters.
6. s/pixel - dwell time in seconds at each pixel in the raster.

Additional data information is available in the "XRP Master Event File" stored in the SMM Data Analysis Center's VAX computer. Contact the XRP Principal Investigator for access to this file.

Ultraviolet Spectrometer and Polarimeter (UVSP)

The Ultraviolet Spectrometer and Polarimeter [Woodgate et al., Solar Physics 1980, 65, 73] on SMM consisted of a Gregorian telescope, a polarimeter consisting of two retarders and a linear polarizer, an Ebert-Fastie spectrograph, and five photomultiplier detectors (four used in second order, 1170 - 1780Å and one in first order, 1780 - 3600Å). The telescope secondary was rasterable in 1" or greater increment steps over a field of view of 256" x 256", and a novel slit wheel offered a choice of 22 sets of entrance apertures and four or five corresponding exit slits. UVSP was thus able to sample several spectral lines simultaneously (or nearly so), or, by use of beamsplitting prisms behind the exit slits, to obtain Doppler velocity information in one or two spectral lines. The wavelength drive allowed stepping of the spectrograph grating in increments of approximately 5 mÅ (in second order). Detector gating could be as short as 32 ms. In normal operations, all of the mechanisms were controlled by a 4096-word (16-bit) computer, which allowed the definition of a broad variety of experiment sequences. A Coalignment Adjustment System (CAS) allowed offsetting the entire UVSP for better alignment with other instruments of independent pointing.

Description of UVSP entries:

Unlike the entries of the higher energy instruments, the UVSP event list entries describe whatever the instrument was doing during the time of the flare, regardless of whether or not the flare was observed by UVSP. The data in each entry consist of:

1. Start time - Experiment start time (UT) expressed in hour:minute.
2. Wavelength - in Å, good to the nearest 4Å (second order). If the experiment involved moving the wavelength drive, this is the initial (shortest) wavelength of the sequence.
3. Code - Time code indicating the following:
 - 0 - experiment includes the time of peak GOES emission
 - 1 - experiment includes ten minutes before the GOES peak
 - 2 - experiment includes ten minutes after the GOES peak
4. Exp # - UVSP experiment number. Each UVSP experiment is identified by a unique number, that in turn identifies the disk or tape file containing the data: data from experiment *nnnnn* will be found in playback (final data) file *Vnnnnn.PB (.FD)*.
5. Rast - total size of the raster pattern, or, for a single pixel experiment, the aperture size, in arcseconds. The first dimension is North - South (spacecraft Y-axis, UVSP x-axis), the second, East - West (spacecraft Z-axis, UVSP y-axis).

6. Step - secondary mirror step size, in arcseconds; zero for experiments in which the secondary mirror was not rastered ("sit and stare" experiments).
7. Pitch, Yaw - Raster center coordinates relative to disk center; these will differ from spacecraft pointing only when CAS motions have offset UVSP relative to the spacecraft boresight.

Coronagraph/Polarimeter (C/P)

The High Altitude Observatory Coronagraph/Polarimeter [R.M. MacQueen et al., Solar Physics 1980, 65, 91] was an externally occulted, white-light coronagraph which recorded the solar coronal radiance from Thomson-scattered electrons (through a broad-band filter, 500-535 nm wavelength) and the presence of hydrogen alpha emission from cool ejecta at the solar limb (through a 654.3-658.3 nm filter). Images were recorded in total intensity and in three different planes of linear polarization. Images were obtained in a time cadence as rapid as once per several minutes or as infrequently as several times per orbit.

The list of coronal mass ejections stems from a visual examination of all video images obtained by C/P and analyzed by direct video display. Consecutive images were "toggled" and changes in the corona were readily apparent to the viewer in most cases. In the more obscure cases, images were digitally subtracted pixel-by-pixel from an earlier base image, thereby enhancing faint or subtle changes that occurred during the time between the images. A complete listing of SMM mass ejections is provided in "A Catalogue of Mass Ejections Observed by the Solar Maximum Mission Coronagraph" [O.C. St. Cyr and J.T. Burkepile, NCAR Technical Note 352 1990]. A "revised and expanded" edition of this catalog will be published by December 1991.

Any user of the information on the C/P list should be aware that it is derived from two-dimensional images and thus represents a "projection" onto a plane normal to the sun-earth line. In particular, measured position angles can be directly converted to solar latitudes only for structures near the solar limb. Measured speeds are similarly components projected on a plane.

Description of C/P entries:

1. Start time - expressed in hour:minute. The 'start' time is the time of the earliest coronagraph image on which the primary structure identified as the mass ejection (for example, a bright loop) is visible within the coronagraph field of view.
2. PA - the location of the event center described in position angle, measured in the conventional sense (from solar north to east). The center is calculated as the mid-point between the position angles of the bright edges of the mass ejection "primary structure" at its greatest extent.
3. Extrapolated Start Time - An extrapolated start time can be determined for those mass ejections with speed measurements. A linear least-squares fit of the event's data points on a time versus height plot yields the speed directly. The intersection of the line with altitude one

R_{sun} (i.e. the solar limb) produces an extrapolated departure time. The extrapolated start time thus represents an estimate of the time of the initiation of the mass ejection, assuming an initial altitude of one R_{sun} and assuming a constant velocity.

4. Comments - some entries also include comments on the visual appearance of the event. More comprehensive descriptions of each event are available from HAO.

Ground-Based, Radio, and GOES X-Ray Data

Most of the ground-based and all radio and GOES X-ray data were supplied by the NOAA/USAF network observatories and geosynchronous sensors. When no ground-based data on a particular event was available from the network, the Solar and Geophysical Data Prompt and Comprehensive Reports issued by the World Data Center-A were consulted.

GOES data entries were extracted from the Space Environment Services Center (SESC) "Edited Events" and "Solar Events" listings. On the occasion that neither of these lists were available for correlation with HXRBS and XRP events, the GOES times were visually extrapolated from the GOES 3-second average plots.

Optical flare correlations were based primarily on time coincidence with instrument-detected events. Locations given indicate flare site, not SMM pointing. SMM pointing information, when available, is supplied elsewhere in the entry. Multiple optical flare reports are listed when other regions produced flares in coincidence with the instrument-detected event. The first optical event listed is that which best corresponds to the SMM-detected event. There are also entries indicating multiple bursts detected by the SMM instruments for single optical and soft X-ray flares.

The following descriptions and definitions should aid in deciphering the ground based data. For more comprehensive definitions consult the pamphlet "Descriptive Text - Contents of Preliminary Report and Forecast of Solar-Geophysical Data Activity", available from the Space Environment Services Center (SESC) at the address below:

NOAA/SEL R/E/SE2
325 Broadway
Boulder, CO 80303-2238

Description of optical entries:

1. H α Classification - Indicates size and brightness of flare in the form XY where X is one of the following area codes:
 - S - Subflare (area < 2.0 sq. degrees)
 - 1 - Importance 1 (2.1 \leq area \leq 5.1 sq. degrees)
 - 2 - Importance 2 (5.2 \leq area \leq 12.4 sq. degrees)
 - 3 - Importance 3 (12.5 \leq area \leq 24.7 sq. degrees)
 - 4 - Importance 4 (area \geq 24.8 sq. degrees)and Y is one of the following brightness codes:
 - F - faint
 - N - normal
 - B - brilliant

For non-flare reports, the following codes are used to describe the event:

- BSL - Bright surge on limb
 - LPS - Loop prominence system
 - ASR - Active surge region
 - SPY - Spray
 - EPL - Eruptive prominence on limb
 - APR - Active prominence on limb
2. Location - Location of the flare in heliographic coordinates.
 3. Region # (AR) - SESC-assigned active region number.
 4. MacIntosh sunspot classification (Mac.) - Three letter descriptive code (Zpc) indicating white light configuration of sunspot group:
 - Z - Modified Zurich class A through H
 - p - Describes penumbra of largest spot in group:
 - x = no penumbra
 - r = rudimentary
 - s = symmetric
 - a = small asymmetric
 - h = large symmetric
 - k = large asymmetric
 - c - Sunspot distribution:
 - x = single spot
 - o = open
 - i = intermediate
 - c = compact
 5. Heliocentric angle (H.Ang.) - Value in degrees of the angular displacement between the optical flare location and the actual Sun center point.
 6. Carrington Longitude (Carr.Lon.) - Carrington Longitude in degrees of the optical flare location.

Description of discrete frequency radio burst entries:

1. Flux unit peak value above pre-burst background at frequencies of 245, 415, 606, 1415, 2695, 4995, 8800, and 15400 MHz.
1 flux unit = $10^{-22} \text{ Wm}^{-2}\text{Hz}^{-1}$

Description of sweep frequency radio event entries:

1. Type and intensity of dynamic radio events in the 25-75 MHz range.
Type codes are:
 - Type I - Long lived dekametric continuum burst
 - Type II - Slow drift burst
 - Type III - Fast drift burst
 - Type IV - Broadband smooth continuum burst
 - Type V - Brief continuum burst associated with Type III

Intensity codes are:

- 1 - minor
- 2 - significant
- 3 - major

Description of GOES entries:

1. Start time - expressed in hour:minute. Start time of X-ray burst (based on one minute averages of 3 second data).
2. Peak time - expressed in hour:minute.
3. End time - expressed in hour:minute. Time when flux level decays to point halfway between maximum level and pre-flare background.
4. Importance - Classification of burst according to peak energy in Wm^{-2} , 1-8A band. Form of code is Zn where Z is:
 - A - $< 10^{-7}$
 - B - $> 10^{-7}, < 10^{-6}$
 - C - $> 10^{-6}, < 10^{-5}$
 - M - $> 10^{-5}, < 10^{-4}$
 - X - $> 10^{-4}$

and n is a numerical multiplier from 1 to 9. Thus, a C3 burst indicates a peak flux of $3 \times 10^{-6} \text{ Wm}^{-2}$.

5. Quality Code (Qual) - the code indicates where the GOES X-ray bursts occur in relation to SMM day/night transitions and passages through the South Atlantic Anomaly:
 - 0 - No correlation of event with GOES data
 - 1 - Entire event observed
 - 2 - Only start of event observed
 - 3 - Start and peak of event observed
 - 4 - Peak and decay of event observed
 - 5 - Only decay of event observed
 - 6 - No GOES data available during event



1984 - 1987 SOLAR MAXIMUM MISSION EVENT LISTING

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Event # = 6792		84/01/02		DOY=2	
84/01/02	15:15	Peak			
End times					
GOES	15:09	15:15	Importance=B1	Qual=01	Flags=EW
HXRBS	15:14:58	15:15:50	Peak...c/s=83	Qual=01	MaxkeV=120
Event # = 2201		84/01/04		DOY=4	
84/01/04	11:08	Peak			
End times					
GOES	11:08:34	11:08:36	Peak...c/s=69	Qual=00	Flags=I
HXRBS	11:08:34	11:08:48	Peak...c/s=69	Qual=01	MaxkeV=65
Event # = 6793		84/01/05		DOY=5	
84/01/04	12:46	Peak			
End times					
GOES	12:14	12:46	Importance=B3	Qual=04	
HXRBS	12:46:31	12:47:08	Peak...c/s=74	Qual=01	MaxkeV=65
Event # = 6794		84/01/05		DOY=5	
84/01/05	12:25	Peak			
End times					
GOES	12:22:59	12:25:00	Peak...c/s=128	Qual=00	
HXRBS	12:22:59	12:25:47	Peak...c/s=128	Qual=01	MaxkeV=148
Event # = 6795		84/01/24		DOY=24	
84/01/24	04:13	Peak			
End times					
Optical	04:08	04:13	Ha...Class=SF	N11E72	H. Ang=73deg
GOES	04:08:40	04:09:37	Importance=C3	Qual=01	Carr. Lon.=85deg
HXRBS	04:08:40	04:09:37	Peak...c/s=114	Qual=01	Mac.=DKC
Event # = 6796		84/01/25		DOY=25	
84/01/25	02:49	Peak			
End times					
Optical	02:36	02:49	Ha...Class=SF	S06W42	H. Ang=42deg
GOES	02:36	02:49	Importance=C1	N16E38	H. Ang=43deg
HXRBS	02:47:38	02:49:01	Peak...c/s=66	Qual=01	Carr. Lon.=186deg
Event # = 6797		84/01/26		DOY=26	
84/01/26	00:46	Peak			
End times					
Optical	00:34	00:46	Ha...Class=SB	N16E26	H. Ang=34deg
GOES	00:34	00:46	Importance=M3	Qual=04	Carr. Lon.=106deg
HXRBS	00:49:01	00:52:16	Peak...c/s=95	Qual=02	Mac.=EKI
Radio Sweeps	Type/Intensity:	II/1	IV/1		Flags=SG
Radio Frequency(MHz)/Flux(sfu):		245/460	410/130	606/470	1415/100
		2695/220	8800/840	15400/560	

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Event # = 6798		84/01/28		DOY=28			
84/01/28,23:44	DOY=28	Peak					
Optical	End times						
GOES 23:41	23:44	23:49					
HXRBS 23:43:15	23:43:48	23:44:31					
	Ha...Class=SF	Importance=C2	Peak...c/s=60				
	N15W18	Qual=01		AR4391	Mac.=EKI	Carr. Lon.=111deg	H. Ang=27deg
	Qual=01			Tot Cts=524	MaxkeV=65		
Event # = 6319		84/01/29		DOY=29			
84/01/29,07:29	DOY=29	Peak					
Optical	End times						
GOES 07:28:57	07:29:10	07:29:38					
HXRBS 07:28:57	07:29:10	07:29:38					
	Ha...Class=SN	Importance=C2	Peak...c/s=60				
	N11W07	Qual=00					
	Qual=01				MaxkeV=65	Flags=I	
Event # = 6799		84/01/29		DOY=29			
84/01/29,22:32	DOY=29	Peak					
Optical	End times						
GOES 22:22	22:32	22:40					
HXRBS 22:38:21	22:38:28	22:40:59					
	Ha...Class=SN	Importance=C2	Peak...c/s=82				
	N11W07	Qual=05		AR4399	Mac.=DKC	Carr. Lon.=88deg	H. Ang=18deg
	Qual=02			Tot Cts=2056	MaxkeV=65	Flags=SG	
Event # = 6800		84/01/29		DOY=29			
84/01/29,22:46	DOY=29	Peak					
Optical	End times						
GOES 22:40	22:46	22:53					
HXRBS 22:41:25	22:43:22	22:44:15					
	Ha...Class=SN	Importance=C4	Peak...c/s=73				
	N11W07	Qual=03		AR4399	Mac.=DKC	Carr. Lon.=88deg	H. Ang=18deg
	Qual=01			Tot Cts=2365	MaxkeV=65		
Event # = 6801		84/01/31		DOY=31			
84/01/31,00:36	DOY=31	Peak					
Optical	End times						
GOES 00:34:57	00:36:35	00:37:43					
HXRBS 00:34:57	00:36:35	00:37:43					
	Ha...Class=SN	Importance=C1	Peak...c/s=84				
	Qual=00						
	Qual=01			Tot Cts=3039	MaxkeV=149	Flags=AX,EW	
Event # = 6802		84/02/01		DOY=32			
84/02/01,00:13	DOY=32	Peak					
Optical	End times						
GOES 00:11	00:13	00:15					
HXRBS 00:11:30	00:12:40	00:14:22					
	Importance=C1	Peak...c/s=65					
	Qual=01						
	Qual=01			Tot Cts=1480	MaxkeV=120		
Event # = 6803		84/02/02		DOY=33			
84/02/02,03:03	DOY=33	Peak					
Optical	End times						
GOES 02:58	03:03	03:07					
HXRBS 02:58:56	02:59:39	03:00:24					
	Ha...Class=SB	Importance=C3	Peak...c/s=103				
	N12W49	Qual=01		AR4399	Mac.=DKC	Carr. Lon.=88deg	H. Ang=52deg
	Qual=01			Tot Cts=1773	MaxkeV=65		

Event # = 6542									
84/02/11,21:23	DOY=42	Peak							
GOES		End times							
HXRBS	21:23:42	21:23:48	21:24:02	Peak...c/s=62	Qual=00	MaxkeV=65	Flags=I		
84/02/18 DOY=49									
Event # = 6811									
84/02/18,17:15	DOY=49	Peak							
GOES	17:12	17:15	17:18	Importance=C3	Qual=01	MaxkeV=65			
HXRBS	17:13:20	17:13:52	17:15:59	Peak...c/s=84	Qual=01	Tot Cts=129			
84/02/19 DOY=50									
Event # = 6812									
84/02/19,02:49	DOY=50	Peak							
Optical		End times							
GOES	02:36	02:49	03:00	Ha...Class=1B	N13E60	Mac.=EKI	Carr. Lon.=115deg	H. Ang=63deg	
HXRBS	02:39:06	02:44:12	02:51:29	Importance=M1	Qual=01	MaxkeV=65			
Radio	Sweeps Type/Intensity: I1/I1								
Radio	Frequency(MHz)/Flux(sfu): 4995/20 8800/20								
84/02/20 DOY=51									
Event # = 6813									
84/02/19,21:16	DOY=50	Peak							
GOES	21:12	21:16	21:19	Importance=C1	Qual=01	MaxkeV=65			
HXRBS	21:14:02	21:14:30	21:14:38	Peak...c/s=89	Qual=01	Tot Cts=624			
84/02/20 DOY=51									
Event # = 6814									
84/02/20,00:39	DOY=51	Peak							
Optical		End times							
GOES	00:30	00:39	00:47	Ha...Class=SN	N13E47	Mac.=FKI	Carr. Lon.=116deg	H. Ang=51deg	
HXRBS	00:31:35	00:34:27	00:36:12	Importance=C5	Qual=01	MaxkeV=65			
				Peak...c/s=152	Qual=01	Tot Cts=6999			
84/02/20 DOY=51									
Event # = 6815									
84/02/20,13:16	DOY=51	Peak							
Optical		End times							
GOES	13:11	13:16	13:28	Ha...Class=SB	N12E43	Mac.=FKI	Carr. Lon.=113deg	H. Ang=47deg	
HXRBS	13:11:20	13:12:15	13:13:28	Importance=C2	Qual=01	MaxkeV=65			
				Peak...c/s=74	Qual=01	Tot Cts=1567			
84/02/20 DOY=51									
Event # = 6816									
84/02/20,16:03	DOY=51	Peak							
GOES	15:59	16:03	16:05	Importance=C1	Qual=01	MaxkeV=65			
HXRBS	16:00:56	16:02:15	16:02:58	Peak...c/s=121	Qual=01	Tot Cts=1966			
84/02/20 DOY=51									
Event # = 6817									
84/02/20,19:28	DOY=51	Peak							
Optical		End times							
GOES	19:25	19:28	19:30	Ha...Class=SF	N13E40	Mac.=FKI	Carr. Lon.=113deg	H. Ang=44deg	
HXRBS	19:24:57	19:25:20	19:26:07	Importance=C1	Qual=01	MaxkeV=65			
				Peak...c/s=141	Qual=01	Tot Cts=1897			

84/02/21 DOY=52

Event # = 6819 DOY=52
 84/02/21,06:45 Peak
 Start 06:45
 GOES 06:42 06:48 End times
 HXRBS 06:44:59 06:45:13 06:45:43 Peak...c/s=82
 HXRBS 06:42:33 06:42:57 06:43:47 Peak...c/s=77
 Qual=01
 Qual=01
 Associated Event # = 6818
 Qual=01 Tot Cts=831
 MaxkeV=65
 MaxkeV=65

Event # = 6820 DOY=52
 84/02/21,07:52 Peak
 Start 07:52
 Optical 07:49 07:55 End times
 GOES 07:51:45 07:52:02 07:52:50 Peak...c/s=68
 HXRBS 07:51:45 07:52:02 07:52:50 Peak...c/s=68
 Ha...Class=1N
 Importance=C2
 N14E34
 Qual=01
 AR4421
 Mac.=FKI
 Carr. Lon.=112deg
 H.Ang=40deg
 MaxkeV=65
 MaxkeV=65

Event # = 6821 DOY=52
 84/02/21,08:04 Peak
 Start 08:04
 Optical 07:59 08:17 End times
 GOES 08:00:26 08:00:59 08:01:36 Peak...c/s=397
 HXRBS 08:00:26 08:00:59 08:01:36 Peak...c/s=397
 Ha...Class=SF
 Importance=C3
 N15E33
 Qual=01
 AR4421
 Mac.=FKI
 Carr. Lon.=113deg
 H.Ang=39deg
 MaxkeV=120
 MaxkeV=120

Event # = 7107 DOY=52
 84/02/21,14:40 Peak
 Start 14:40
 GOES 14:40:18 14:40:32 14:41:02 Peak...c/s=127
 HXRBS 14:40:18 14:40:32 14:41:02 Peak...c/s=127
 Qual=00
 Qual=01
 Tot Cts=884
 MaxkeV=65
 Flags=I

Event # = 6822 DOY=52
 84/02/21,23:37 Peak
 Start 23:37
 Optical 23:30 23:43 End times
 GOES 23:32:36 23:33:04 23:33:56 Peak...c/s=70
 HXRBS 23:32:36 23:33:04 23:33:56 Peak...c/s=70
 Ha...Class=SF
 Importance=C1
 N15E28
 Qual=01
 AR4421
 Mac.=FKI
 Carr. Lon.=109deg
 H.Ang=35deg
 MaxkeV=65
 MaxkeV=65

84/02/22 DOY=53

Event # = 6823 DOY=53
 84/02/22,08:18 Peak
 Start 08:18
 Optical 08:08 08:13 End times
 GOES 08:10:13 08:12:43 08:13:26 Peak...c/s=82
 HXRBS 08:10:13 08:12:43 08:13:26 Peak...c/s=82
 Ha...Class=SN
 Importance=C6
 S21W21
 Qual=02
 Qual=11
 AR4420
 Mac.=DAO
 Carr. Lon.=153deg
 H.Ang=25deg
 MaxkeV=65
 MaxkeV=65
 Flags=D6

Event # = 6824 DOY=53
 84/02/22,12:15 Peak
 Start 12:15
 GOES 12:12 12:15 End times
 HXRBS 12:13:26 12:13:34 12:13:58 Peak...c/s=75
 Importance=C1
 Qual=01
 Qual=01
 Tot Cts=231
 MaxkeV=65

Event # = 6825		84/02/24		DOY=55	
84/02/24	06:49	DOY=55			
Optical	Start	Peak	End times		
GOES	06:43	06:49	06:55	Ha...Class=SN	
HXRBS	06:42:29	06:43:40	06:45:33	Importance=C3	
				Peak...c/s=76	
					N11W03
					Qual=02
					Qual=01
					Tot Cts=3220
					Mac.=FKI
					MaxkeV=65
					Carr. Lon.=110deg
					H. Ang=18deg
Event # = 6826		84/02/28		DOY=59	
84/02/28	13:07	DOY=59			
Optical	Start	Peak	End times		
GOES	13:04	13:07	13:09	Ha...Class=1B	
HXRBS	13:05:03	13:06:26	13:07:31	Importance=C1	
Radio				Peak...c/s=87	
				Frequency(MHz)/Flux(sfu):	2695/140 4995/96 8800/71
					S10E30
					Qual=01
					Qual=01
					Tot Cts=1839
					Mac.=EHI
					MaxkeV=65
					Carr. Lon.=21deg
					H. Ang=30deg
Event # = 6827		84/03/01		DOY=61	
84/03/01	20:16	DOY=61			
Optical	Start	Peak	End times		
GOES	20:11	20:16	20:21	Importance=C6	
HXRBS	20:14:11	20:14:52	20:16:53	Peak...c/s=70	
					Qual=02
					Qual=01
					Tot Cts=2028
					MaxkeV=65
Event # = 6851		84/03/16		DOY=76	
84/03/16	09:06	DOY=76			
Optical	Start	Peak	End times		
GOES	08:51	09:06	09:30	Ha...Class=SB	
HXRBS	09:05:30	09:05:43	09:09:39	Importance=M1	
Radio				Peak...c/s=453	
				Frequency(MHz)/Flux(sfu):	1415/41 2695/440 4995/1300 8800/1400 15400/930
					N11E66
					N11E65
					Qual=05
					Qual=02
					Tot Cts=1.24E+5
					MaxkeV=65
					Flags=SG
					Carr. Lon.=123deg
					H. Ang=68deg
					Carr. Lon.=124deg
					H. Ang=67deg
Event # = 4811		84/03/16		DOY=76	
84/03/16	21:40	DOY=76			
Optical	Start	Peak	End times		
GOES	21:39:36	21:40:04	21:40:28	Peak...c/s=67	
HXRBS					Qual=00
					Qual=01
					MaxkeV=65
					Flags=I
Event # = 6855		84/03/19		DOY=79	
84/03/19	01:47	DOY=79			
Optical	Start	Peak	End times		
GOES	01:43	01:47	01:49	Ha...Class=SB	
HXRBS	01:45:52	01:46:18	01:46:31	Importance=C4	
Radio				Peak...c/s=210	
				Frequency(MHz)/Flux(sfu):	1415/20 2695/13
					S03W60
					Qual=01
					Qual=01
					Tot Cts=1321
					Mac.=ESO
					MaxkeV=120
					Carr. Lon.=214deg
					H. Ang=60deg
					Flags=M5
Event # = 4420		84/03/19		DOY=79	
84/03/19	23:41	DOY=79			
Optical	Start	Peak	End times		
GOES	23:39:23	23:41:20	23:42:42	Peak...c/s=57	
HXRBS					Qual=00
					Qual=01
					MaxkeV=65
					Flags=I

84/03/20		DOY=80	
Event # = 6857	DOY=80		
84/03/20, 03:46	Peak		
Optical	End times		
GOES 03:37	03:46	03:52	
HXRBS 04:08:12	04:08:23	04:09:07	
Radio Sweeps	Type/Intensity:		
Radio Frequency (MHz)/Flux(sfu):	245/3800	410/48	606/51 1415/150 2695/120 4995/45 8800/18 15400/13
84/03/22		DOY=82	
Event # = 6865	DOY=82		
84/03/22, 16:15	Peak		
Optical	End times		
GOES 16:03	16:15	16:24	
HXRBS 16:07:05	16:11:29	16:13:19	
Radio Sweeps	Type/Intensity:		
Radio Frequency (MHz)/Flux(sfu):	245/92	410/25	1415/53 2695/13 4995/13 8800/23 15400/33
84/03/29		DOY=89	
Event # = 6870	DOY=89		
84/03/29, 16:24	Peak		
Optical	End times		
GOES 16:20	16:24	16:27	
HXRBS 16:21:00	16:21:16	16:21:37	
Radio Sweeps	Type/Intensity:		
Radio Frequency (MHz)/Flux(sfu):	245/38	410/240	606/110 1415/30
84/03/31		DOY=91	
Event # = 6877	DOY=91		
84/03/31, 08:12	Peak		
Optical	End times		
GOES 08:04	08:12	08:15	
HXRBS 08:06:29	08:08:02	08:08:43	
Radio Sweeps	Type/Intensity:		
Radio Frequency (MHz)/Flux(sfu):	245/38	410/240	606/110 1415/30
84/04/03		DOY=94	
Event # = 6882	DOY=94		
84/04/03, 16:16	Peak		
Optical	End times		
GOES 15:58	16:16	16:22	
HXRBS 15:57:38	15:57:50	15:59:54	
UVSP	Type/Intensity:		
Radio Sweeps	Type/Intensity:		V/2
84/04/04		DOY=95	
Event # = 6885	DOY=95		
84/04/04, 15:29	Peak		
Optical	End times		
GOES 15:16	15:29	15:35	
HXRBS 15:30:48	15:31:12	15:31:46	
Radio Sweeps	Type/Intensity:		
Radio Frequency (MHz)/Flux(sfu):	245/38	410/240	606/110 1415/30

Event # = 6890		84/04/15		DOY=106	
84/04/15,09:29	DOY=106				
Start	Peak				
GOES 09:24	09:29	Importance=C7	Qual=01		
HXRBS* 09:26:00	09:27:10	09:28:30	09:28:30	Tot Cts=2050	MaxkeV=120
					Flags=AX
Event # = 8007		84/04/17		DOY=108	
84/04/17,09:34	DOY=108				
Start	Peak				
Optical		SMM Pointing:	S05W00	Pitch=-4", Yaw=-2", Roll=0deg	
GOES 09:27	09:34	Ha...Class=SB	S18E47	H. Ang=0deg	
HXRBS* 09:28:50	09:29:33	Importance=C8	Qual=01	Mac.=DAO	Carr. Lon.=80deg
Radio	Frequency(MHz)/Flux(sfu):	1415/8 2695/13 4995/26	Qual=01	MaxkeV=65	Flags=I
Event # = 12728		84/04/17		DOY=108	
84/04/17,22:37	DOY=108				
Start	Peak				
HXRBS* 22:37:24	22:37:27	22:37:29	22:37:29	Tot Cts=11364	MaxkeV=65
					Flags=NS,GB
Event # = 6891		84/04/18		DOY=109	
84/04/18,12:25	DOY=109				
Start	Peak				
Optical		SMM Pointing:	S05W00	Pitch=-4", Yaw=-2", Roll=0deg	
GOES 12:13	12:25	Ha...Class=1B	S15E31	H. Ang=0deg	
HXRBS* 12:16:03	12:18:00	Importance=C9	Qual=01	Mac.=DAO	Carr. Lon.=81deg
Radio	Frequency(MHz)/Flux(sfu):	245/170 410/35 606/22 1415/18 2695/44 4995/34 8800/28 15400/20	Qual=01	MaxkeV=89	Flags=M5
Event # = 6892		84/04/19		DOY=110	
84/04/19,02:00	DOY=110				
Start	Peak				
Optical		SMM Pointing:	S19E24	Carr. Lon.=80deg	
Optical		Ha...Class=SN	N03W48	H. Ang=27deg	
GOES 01:53	02:00	Importance=C5	Qual=01	Mac.=DAO	Carr. Lon.=152deg
HXRBS* 01:55:54	01:57:26	02:01:23	02:01:23	Tot Cts=27374	MaxkeV=53
UVSP 02:00				Exp #=16946	Rast=120"x120"
Radio	Sweeps	Type/Intensity:	Code=02	Step=3"	Pitch=-64", Yaw=-5"
Radio	Frequency(MHz)/Flux(sfu):	1415/12 2695/24 4995/15 8800/23	Code=02	Exp #=16946	
Event # = 6894		84/04/20		DOY=111	
84/04/20,01:51	DOY=111				
Start	Peak				
Optical		SMM Pointing:	S05W00	Pitch=-2", Yaw=-4", Roll=0deg	
GOES 01:48	01:51	Ha...Class=SB	S19E12	H. Ang=0deg	
HXRBS* 01:49:52	01:50:40	Importance=C2	Qual=01	Mac.=EAO	Carr. Lon.=79deg
UVSP		Peak....c/s=70	Qual=03	MaxkeV=48	Flags=EG,ND
Radio	Frequency(MHz)/Flux(sfu):	410/5	Qual=01		Pitch=-64", Yaw=-5"

Event # = 6904
 84/04/20,23:34 DOY=111 Peak End times
 Start
 Optical SMM Pointing: S05W00 Pitch=+0",Yaw=+0",Roll=0deg H.Ang=0deg
 GOES 23:04 23:34 00:28 Ha...Class=1B N05W73 AR4471 Mac.=DAO Carr.Lon.=152deg H.Ang=74deg
 HXRBS* 23:27:48 23:38:57 00:16:06 Importance=M1 Qual=01 Tot Cts=59792 MaxkeV=48
 UVSP 23:19 23:27:48 00:16:06 Peak...c/s=246 Qual=01 Exp #=16960 Rast=10"x10" Pitch=-64",Yaw=-5"
 Radio Sweeps Type/Intensity: III/1
 Radio Frequency(MHz)/Flux(sfu): 245/65 410/51 2695/13 4995/6

84/04/21,01:06 DOY=112
 Event # = 6906
 84/04/21,01:06 DOY=112 Peak End times
 Start
 Optical SMM Pointing: S05W00 Pitch=+0",Yaw=+0",Roll=0deg H.Ang=0deg
 GOES 01:01 01:06 01:15 Ha...Class=SF N05W74 AR4471 Mac.=DAO Carr.Lon.=152deg H.Ang=75deg
 HXRBS* 01:06:37 01:06:45 01:07:12 Importance=C7 Qual=01 MaxkeV=48
 HXRBS* 01:03:31 01:03:52 01:04:40 Peak...c/s=60 Associated Event # = 6905
 Qual=01 Peak...c/s=58

Event # = 6908
 84/04/21,01:57 DOY=112 Peak End times
 Start
 Optical SMM Pointing: S05W00 Pitch=+0",Yaw=+0",Roll=0deg H.Ang=0deg
 GOES 01:36 01:57 02:15 Ha...Class=2B S08E87 AR4474 Mac.=CAO Carr.Lon.=351deg H.Ang=86deg
 HXRBS* 01:42:14 01:43:25 01:47:18 Importance=M1 Qual=02 Tot Cts=7233 MaxkeV=48
 Radio Frequency(MHz)/Flux(sfu): 4995/7 8800/7 15400/10 Associated Event # = 6907
 HXRBS* 01:35:15 01:37:31 01:38:40 Peak...c/s=64 Qual=01 MaxkeV=48
 HXRBS* 01:49:13 01:51:08 01:51:14 Peak...c/s=70 Associated Event # = 6909
 HXRBS* 01:51:55 01:53:05 01:53:26 Peak...c/s=77 Qual=01 MaxkeV=48

Event # = 6911
 84/04/21,03:03 DOY=112 Peak End times
 Start
 Optical SMM Pointing: S05W00 Pitch=+0",Yaw=+0",Roll=0deg H.Ang=0deg
 GOES 02:42 03:03 03:41 Ha...Class=1B N04W75 AR4471 Mac.=DAO Carr.Lon.=152deg H.Ang=75deg
 HXRBS* 02:42:00 02:43:30 03:08:43 Importance=M1 Qual=03 Tot Cts=44216 MaxkeV=67
 Radio Sweeps Type/Intensity: III/1 Associated Event # = 6912
 HXRBS* 03:15:50 03:16:45 03:18:55 Peak...c/s=133 Qual=01 Tot Cts=3319 MaxkeV=48

Event # = 6913
 84/04/21,04:56 DOY=112 Peak End times
 Start
 Optical SMM Pointing: S05W00 Pitch=+0",Yaw=+0",Roll=0deg H.Ang=0deg
 GOES 04:53 04:56 04:58 Importance=C3 Qual=01 MaxkeV=48
 HXRBS* 04:54:15 04:55:19 04:56:09 Peak...c/s=67 Associated Event # = 6913
 UVSP 05:38 Wave length=1524A Exp #=16961 Rast=10"x10" Pitch=-64",Yaw=-5"

Event # = 6919									
84/04/22,02:02:34	DOY=113	Peak	End times	SMM Pointing:	S05W00		Pitch=-3",Yaw=-1",Roll=0deg		H. Ang=0deg
GOES	02:30	02:34	02:38	Importance=C4	Qual=01				
HXRBS*	02:31:35	02:33:01	02:34:38	Peak...c/s=487	Qual=01	Tot Cts=12849	MaxkeV=67		
UVSP									
Radio	Frequency(MHz)/Flux(sfu): 8800/12 15400/32								
Event # = 6922									
84/04/22,02:02:56	DOY=113	Peak	End times	SMM Pointing:	S05W00		Pitch=-3",Yaw=-1",Roll=0deg		H. Ang=0deg
Optical				Ha...Class=IN	S10E26		Mac.=CA0		H. Ang=26deg
GOES	02:44	02:56	03:00	Importance=C4	Qual=01	AR4472	Carr.Lon.=38deg		
HXRBS*	02:58:54	02:59:23	02:59:53	Peak...c/s=134	Qual=01	Tot Cts=1706	MaxkeV=108		
UVSP									
HXRBS*	02:36:08	02:36:19	02:36:43	Peak...c/s=62	Associated	Event # = 6920			Pitch=-64",Yaw=-5"
UVSP					Qual=01		MaxkeV=48		
HXRBS*	02:40:22	02:40:31	02:40:51	Peak...c/s=66	Associated	Event # = 6921			Pitch=-64",Yaw=-5"
UVSP					Qual=01		MaxkeV=48		
									Pitch=-64",Yaw=-5"
Event # = 6925									
84/04/22,03:55	DOY=113	Peak	End times	SMM Pointing:	S05W00		Pitch=-3",Yaw=-1",Roll=0deg		H. Ang=0deg
Optical				Ha...Class=SF	S10E84		Mac.=FK0		H. Ang=83deg
GOES	03:51	03:55	04:04	Importance=C4	Qual=01	AR4474	Carr.Lon.=340deg		
HXRBS*	03:53:02	03:54:19	03:55:48	Peak...c/s=221	Qual=01	Tot Cts=2732	MaxkeV=67		
					Associated	Event # = 6923			
HXRBS*	03:50:26	03:50:35	03:51:19	Peak...c/s=66	Qual=01				
					Associated	Event # = 6924			
HXRBS*	03:51:23	03:52:01	03:52:47	Peak...c/s=60	Qual=01				
					Associated	Event # = 6926			
HXRBS*	03:56:54	03:57:03	03:57:12	Peak...c/s=87	Qual=01				
Event # = 6927									
84/04/22,04:02	DOY=113	Peak	End times	SMM Pointing:	S05W00		Pitch=-3",Yaw=-1",Roll=0deg		H. Ang=0deg
GOES					Qual=00				
HXRBS*	04:00:26	04:02:04	04:02:57	Peak...c/s=111	Qual=01	Tot Cts=2941	MaxkeV=67		
Event # = 6928									
84/04/22,04:12	DOY=113	Peak	End times	SMM Pointing:	S05W00		Pitch=-3",Yaw=-1",Roll=0deg		H. Ang=0deg
GOES	04:04	04:12	04:24	Importance=C5	Qual=01				
HXRBS*	04:06:18	04:06:32	04:06:59	Peak...c/s=84	Qual=01				
Event # = 6929									
84/04/22,04:32	DOY=113	Peak	End times	SMM Pointing:	S05W00		Pitch=-3",Yaw=-1",Roll=0deg		H. Ang=0deg
Optical				Ha...Class=28	N14W75	AR4468	Mac.=CA0		H. Ang=77deg
GOES	04:24	04:32	04:45	Importance=C6	Qual=03	Tot Cts=2262	MaxkeV=48		
HXRBS*	04:26:07	04:27:19	04:27:43	Peak...c/s=107	Qual=01				
UVSP									
Radio	Frequency(MHz)/Flux(sfu): 1415/17 2695/35								

Event # = 6939	DOY=113	Peak	End times	SMM Pointing:	S05W00	Pitch=-2", Yaw=-4", Roll=0deg	H. Ang=0deg
84/04/22, 14:02	14:02	14:06	Ha...Class=SN	N07W89	AR4468	Mac.=CA0	Carr. Lon.=147deg
Optical	14:02	14:06	Importance=C4	Qual=03		MaxkeV=128	Flags=M5, FS
GOES	14:00:03	14:04:51	Peak...c/s=1503	Qual=01	Tot Cts=35717		
HXRBS*	14:00:03	14:04:51	4995/14 8800/28				
Radio	Frequency (MHz)/Flux(sfu):						
Event # = 6940	DOY=113	Peak	End times	SMM Pointing:	S05W00	Pitch=-3", Yaw=-2", Roll=0deg	H. Ang=0deg
84/04/22, 14:45	14:45	15:00	Importance=C1	Qual=05			
GOES	14:30	14:45	Peak...c/s=76	Qual=01			
HXRBS*	14:44:25	14:45:16	V/1				
Radio	Sweeps	Type/Intensity:					
Event # = 6941	DOY=113	Peak	End times	SMM Pointing:	S05W00	Pitch=-3", Yaw=-2", Roll=0deg	H. Ang=0deg
84/04/22, 17:12	17:12	17:13	Importance=C1	Qual=03			
GOES	17:10	17:13	Peak...c/s=91	Qual=01	Tot Cts=252		
HXRBS*	17:12:45	17:13:06					
Radio	Sweeps	Type/Intensity:					
Event # = 6946	DOY=115	Peak	End times	SMM Pointing:	S05W00	Pitch=-3", Yaw=-3", Roll=0deg	H. Ang=0deg
84/04/24, 17:28	17:28	17:34	Ha...Class=I8	S13E43	AR4474	Mac.=FKI	Carr. Lon.=347deg
Optical	17:24	17:34	Importance=M1	Qual=01			
GOES	17:25:37	17:31:43	Peak...c/s=8974	Qual=03	Tot Cts=1.69E+5	MaxkeV=172	Flags=M5, ES, FS
HXRBS*	17:25:37	17:31:43	V/2				
Radio	Sweeps	Type/Intensity:					
Radio	Frequency (MHz)/Flux(sfu):	245/180 8800/25	15400/82				
Event # = 6948	DOY=115	Peak	End times	SMM Pointing:	S05W00	Pitch=-3", Yaw=-3", Roll=0deg	H. Ang=0deg
84/04/24, 18:05	18:05	18:08	Ha...Class=SB	S10E51	AR4474	Mac.=FKI	Carr. Lon.=338deg
Optical	18:02	18:08	Importance=C2	Qual=03			
GOES	18:04:13	18:05:03	Peak...c/s=124	Qual=01	Tot Cts=462	MaxkeV=48	
HXRBS*	18:04:13	18:05:03	Associated	Qual=01	Event # = 6947		
HXRBS*	18:02:35	18:03:01	Peak...c/s=78	Qual=01	Tot Cts=215	MaxkeV=48	
Radio	Sweeps	Type/Intensity:					
Event # = 6949	DOY=115	Peak	End times	SMM Pointing:	S05W00	Pitch=-3", Yaw=-3", Roll=0deg	H. Ang=0deg
84/04/24, 19:08	19:08	19:10	Ha...Class=SF	S10E49	AR4474	Mac.=FKI	Carr. Lon.=340deg
Optical	19:06	19:10	Importance=C1	Qual=01			
GOES	19:06:57	19:09:45	Peak...c/s=90	Qual=01	Tot Cts=717	MaxkeV=48	
HXRBS*	19:06:57	19:09:45					
Radio	Sweeps	Type/Intensity:					
Radio	Frequency (MHz)/Flux(sfu):	245/190 410/760	606/1700				
Event # = 6950	DOY=115	Peak	End times	SMM Pointing:	S05W00	Pitch=-2", Yaw=-3", Roll=0deg	H. Ang=0deg
84/04/24, 20:21	20:21	20:25	Ha...Class=SB	S11E56	AR4474	Mac.=FKI	Carr. Lon.=332deg
Optical	20:13	20:25	Importance=M1	Qual=04			
GOES	20:14:07	20:24:29	Peak...c/s=1030	Qual=01	Tot Cts=1.45E+5	MaxkeV=128	Flags=M5, FS
HXRBS*	20:14:07	20:24:29	V/2				
Radio	Sweeps	Type/Intensity:					
Radio	Frequency (MHz)/Flux(sfu):	4995/110 4995/39	8800/86				

Event # = 6957
 84/04/25,06:03 Start DOY=116 Peak
 Optical SMM Pointing: S10E35 Pitch=+100", Yaw=+535", Roll=0deg H.Ang=35deg
 GOES Ha...Class=SN AR4474 Mac.=FKI H.Ang=50deg
 HXRBS* 06:00 06:03 06:09 Importance=C4 Qual=01
 BCS 06:00 06:01:58 06:08:09 Peak...c/s=471 Qual=01 Tot Cts=20763
 Radio 06:00 06:05 06:10 CaPeak.c/s=83 Qual=1 FePeak=06:05 #Peaks=1 dt=11.3s XEN=411632
 Frequency(MHz)/Flux(sfu): 4995/39 8800/160 15400/45

Event # = 6958
 84/04/25,06:14 Start DOY=116 Peak
 Optical SMM Pointing: S10E35 Pitch=+100", Yaw=+535", Roll=0deg H.Ang=35deg
 GOES Ha...Class=SN AR4474 Mac.=FKI H.Ang=50deg
 HXRBS* 06:13:58 06:14:29 06:14:52 Peak...c/s=92 Qual=00
 Radio 06:13:58 06:14:29 06:14:52 CaPeak.c/s=83 Qual=01 Tot Cts=1037 MaxkeV=108

Event # = 6959
 84/04/25,11:08 Start DOY=116 Peak
 Optical SMM Pointing: S10E35 Pitch=+101", Yaw=+535", Roll=0deg H.Ang=35deg
 GOES Ha...Class=SF AR4474 Mac.=FKI H.Ang=36deg
 HXRBS* 10:57 11:08 11:17 Importance=C2 Qual=04
 BCS 11:01:38 11:05:53 11:08:15 Peak...c/s=119 Qual=01 Tot Cts=5604
 Radio 11:00 11:07 11:25 CaPeak.c/s=65 Qual=1 FePeak=11:06
 Frequency(MHz)/Flux(sfu): 245/18 606/36 4995/22 8800/49 15400/20

Event # = 20526
 84/04/25,15:03 Start DOY=116 Peak
 Optical SMM Pointing: S10E35 Pitch=+101", Yaw=+535", Roll=0deg H.Ang=35deg
 GOES Ha...Class=SB AR4474 Mac.=FKI H.Ang=45deg
 BCS 14:55 15:03 15:09 Importance=M1 Qual=05 FePeak=15:08 #Peaks=1
 Radio Sweeps Type/Intensity: V/2
 Radio Frequency(MHz)/Flux(sfu): 245/2600 410/2600 606/7500 1415/780 2695/95 4995/45 8800/220 15400/450

Event # = 20527
 84/04/25,17:54 Start DOY=116 Peak
 Optical SMM Pointing: S10E35 Pitch=+101", Yaw=+535", Roll=0deg H.Ang=35deg
 GOES Ha...Class=IB AR4474 Mac.=FKI H.Ang=27deg
 BCS 17:39 17:54 18:36 Importance=C7 Qual=04 FePeak.c/s=22 #Peaks=1
 Radio 17:43 18:19 19:10 CaPeak.c/s=148 Qual=7 FePeak=18:19 XEN=411614
 Frequency(MHz)/Flux(sfu): 1415/16 2695/17 4995/26 8800/15

Event # = 20528
 84/04/25,19:52 Start DOY=116 Peak
 Optical SMM Pointing: S10E35 Pitch=+100", Yaw=+535", Roll=0deg H.Ang=35deg
 GOES Ha...Class=IB AR4474 Mac.=FKI H.Ang=35deg
 BCS 19:52 19:52 20:05 CaPeak.c/s=31 Qual=00
 Radio 19:52 19:52 20:05 FePeak.c/s=31 Qual=5 FePeak=19:52 #Peaks=1
 Frequency(MHz)/Flux(sfu): 410/11 606/120

Event # = 20529
 84/04/25,20:33 Start DOY=116 Peak
 Optical SMM Pointing: S10E35 Pitch=+100", Yaw=+535", Roll=0deg H.Ang=35deg
 GOES Ha...Class=IB AR4474 Mac.=FKI H.Ang=35deg
 BCS 20:10 20:33 20:45 Importance=C2 Qual=05
 Radio 20:05 20:27 20:51 CaPeak.c/s=34 Qual=7 FePeak=20:13 #Peaks=1
 Frequency(MHz)/Flux(sfu): 410/11 606/120

Event # = 6961		SMM Pointing:		S10E35	Pitch=+100", Yaw=+535", Roll=0deg	H. Ang=35deg
84/04/25, 20:48:25	DOY=116	End times	Peak...c/s=62	Qual=00	MaxkeV=48	
Start	Peak			Qual=01	Tot Cts=317	
GOES 20:48:25		Peak...c/s=62				
HXRBs* 20:48:51		20:49:19				
BCS 21:38		22:03				
FCS 21:52		21:52				
Event # = 6962		SMM Pointing:		S10E35	Pitch=+100", Yaw=+535", Roll=0deg	H. Ang=35deg
84/04/25, 21:45:21	DOY=116	End times	Importance=C2	Qual=01		
Start	Peak		Peak...c/s=68	Qual=01		
GOES 21:35		21:55				
HXRBs* 21:42:53		21:43:41				
BCS 21:38		22:03				
FCS 21:52		21:52				
Event # = 6963		SMM Pointing:		S10E35	Pitch=+101", Yaw=+536", Roll=0deg	H. Ang=35deg
84/04/25, 23:11:23	DOY=116	End times	Ha...Class=SF	Qual=01		
Start	Peak		Importance=C3	Qual=01		
Optical 23:06		23:15				
GOES 23:06		23:08:59				
HXRBs* 23:07:57		23:11:17				
BCS 23:08		23:10				
Event # = 6964		SMM Pointing:		S10E35	Pitch=+101", Yaw=+536", Roll=0deg	H. Ang=35deg
84/04/25, 23:35:23	DOY=116	End times	Importance=C2	Qual=01		
Start	Peak		Peak...c/s=113	Qual=01		
GOES 23:30		23:50				
HXRBs* 23:31:08		23:34:07				
BCS 23:31		23:35				
Radio Sweeps		Type/Intensity: III/I				
Radio Frequency(MHz)/Flux(sfu):		245/360 410/98				
HXRBs* 23:39:08		23:40:50				
		23:41:48				
		Peak...c/s=72				
		Associated Event # = 6965				
		Qual=01				
		Tot Cts=1621				
		MaxkeV=48				
		84/04/26				
		DOY=117				
Event # = 6966		SMM Pointing:		S88E03	Pitch=+949", Yaw=+2", Roll=0deg	H. Ang=84deg
84/04/26, 00:46:00	DOY=117	End times	Ha...Class=S8	Qual=01		
Start	Peak		Importance=C9	Qual=01		
Optical 00:38		00:51				
GOES 00:38		00:47:35				
HXRBs* 00:38:45		00:52:39				
Radio Sweeps		Type/Intensity: III/2				
Radio Frequency(MHz)/Flux(sfu):		245/220 410/850				
		245/220 410/850				
		606/33 1415/220				
		2695/28 4995/58				
		8800/70 15400/110				
		Event # = 6967				
84/04/26, 01:18:01		SMM Pointing:		N00W85	Pitch=+1", Yaw=-951", Roll=0deg	H. Ang=85deg
Start	Peak		Ha...Class=S8	Qual=01		
Optical 01:15		01:25				
GOES 01:15		01:18				
HXRBs* 01:17:38		01:17:57				
		01:18:28				
		Peak...c/s=89				
		Associated Event # = 6968				
		Qual=01				
		Tot Cts=221				
		MaxkeV=48				

Event # = 7454	DOY=117	SMM Pointing:	S12E27	Pitch=+130", Yaw=+417", Roll=0deg	H. Ang=27deg
84/04/26, 05:40	Peak	Ha...Class=SB	S13E36	Mac.=FKI	Carr. Lon.=334deg
Optical	End times	Importance=C5	Qual=01	Maxkey=48	Flags=I
GOES 05:31	05:40	Peak...c/s=123	Qual=01	FePeak.c/s=26	#Peaks=1
HRBS 05:38:23	05:38:49	CaPeak.c/s=178	Qual=01	Rast=300"x300"	Step=10" Cad= 922s
BGS 05:29	05:40	Peak3...c/s=326	Qual=01	Maxkey=48	Flags=I
FCS 05:42	05:42	4995/18 8800/23	Qual=01	Associated Event # = 7453	
Radio	Frequency(MHz)/Flux(sfu):	4995/18 8800/23	Qual=01	Maxkey=48	Flags=I
HRBS 05:31:44	05:33:12	05:33:52	Qual=01		
Event # = 20743					
84/04/26, 05:40	DOY=117	SMM Pointing:	S12E26	Pitch=+130", Yaw=+414", Roll=0deg	H. Ang=27deg
Optical	End times	Ha...Class=IB	S11E27	Mac.=FKI	Carr. Lon.=342deg
GOES 06:52	06:59	Importance=M1	Qual=05	FePeak.c/s=17	#Peaks=1
BGS 07:16	07:16	CaPeak.c/s=122	Qual=5	Rast=180"x180"	Step=10" Cad= 332s
FCS 07:20	07:20	Peak3...c/s=189	Qual=5	Maxkey=48	Flags=I
Radio	Type/Intensity:	11/2 IV/2	Qual=5	FePeak.c/s=17	#Peaks=1
Radio	Frequency(MHz)/Flux(sfu):	245/1700 410/92 606/73 1415/130 2695/55 4995/77 8800/71 15400/54	Qual=5	Rast=180"x180"	Step=10" Cad= 332s
Event # = 7491					
84/04/26, 07:33	DOY=117	SMM Pointing:	S12E26	Pitch=+130", Yaw=+414", Roll=0deg	H. Ang=27deg
Optical	End times	Ha...Class=IB	S09W32	Mac.=CSO	Carr. Lon.=41deg
GOES 07:24	07:33	Importance=C5	Qual=01	Maxkey=48	Flags=I
HRBS 07:24:12	07:25:49	Peak...c/s=91	Qual=01	FePeak.c/s=17	#Peaks=1
BGS 07:16	07:16	CaPeak.c/s=122	Qual=5	Rast=180"x180"	Step=10" Cad= 332s
FCS 07:20	07:20	Peak3...c/s=189	Qual=5	Maxkey=48	Flags=I
Radio	Type/Intensity:	11/2 IV/2	Qual=5	FePeak.c/s=17	#Peaks=1
Radio	Frequency(MHz)/Flux(sfu):	245/93 1415/19 2695/26 15400/20	Qual=5	Rast=180"x180"	Step=10" Cad= 332s
Event # = 6970					
84/04/26, 09:04	DOY=117	SMM Pointing:	S12E24	Pitch=+128", Yaw=+387", Roll=0deg	H. Ang=25deg
Optical	End times	Ha...Class=IB	S09E34	Mac.=FKI	Carr. Lon.=334deg
GOES 08:54	09:04	Importance=M2	Qual=01	Maxkey=219	Flags=M5, SN, FS
HRBS* 08:57:07	09:03:38	Peak...c/s=3117	Qual=02	FePeak.c/s=539	#Peaks=1
BGS 08:57	09:03	CaPeak.c/s=1788	Qual=1	Rast=180"x180"	Step=10" Cad= 332s
FCS 09:01	09:01	Peak3...c/s=106	Qual=1	Maxkey=219	Flags=M5, SN, FS
Radio	Frequency(MHz)/Flux(sfu):	410/400 606/330 1415/250 2695/170 4995/110 8800/150 15400/220	Qual=1	Rast=180"x180"	Step=10" Cad= 332s
Event # = 20536					
84/04/26, 12:19	DOY=117	SMM Pointing:	S12E23	Pitch=+129", Yaw=+365", Roll=0deg	H. Ang=24deg
Optical	End times	Ha...Class=IB	S11E23	Mac.=FKI	Carr. Lon.=343deg
GOES 11:37	12:19	Importance=C5	Qual=00	FePeak.c/s=11	#Peaks=2
BGS 11:37	12:19	CaPeak.c/s=54	Qual=1	Rast=180"x180"	Step=10" Cad= 332s
FCS 12:24	12:24	Peak3...c/s=160	Qual=1	Maxkey=219	Flags=M5, SN, FS

Associated Event # = 6984
Qual=01

HXRBs* 22:25:43 22:26:38 22:27:20 Peak...c/s=75

MaxkeV=150

84/04/28 DOY=119

Event # = 6985
84/04/28,04:45 DOY=119 SMM Pointing: S12E02 H.Ang=8deg
Start Peak Carr. Lon.=350deg H.Ang=11deg
Optical Ha...Class=S8 AR4474 Mac.=FKI
GOES 04:39 04:45 04:47 Importance=C3 Qual=01 MaxkeV=219
HXRBs* 04:37:17 04:42:05 04:48:02 Peak...c/s=1128 Qual=01 Rast=250"x250" Pitch=+63",Yaw=+33"
UVSP 04:35 Wavelength=1539A Code=00 Exp #=16983
Radio Sweeps Type/Intensity: V/2
Radio Frequency(MHz)/Flux(sfu): 245/160 410/10 606/20 1415/13 2695/29 4995/47 8800/76 15400/40

Event # = 6986
84/04/28,06:31 DOY=119 SMM Pointing: S12E02 H.Ang=8deg
Start Peak Carr. Lon.=355deg H.Ang=15deg
Optical Ha...Class=SF AR4474 Mac.=FKI
GOES 06:29 06:31 06:34 Importance=C4 Qual=01 MaxkeV=67
HXRBs* 06:28:47 06:31:37 06:32:29 Peak...c/s=120 Qual=01 Rast=250"x250" Pitch=+63",Yaw=+33"
UVSP 06:31 Wavelength=1539A Code=02 Exp #=16984
Radio Sweeps Type/Intensity: III/2

Event # = 6987
84/04/28,07:05 DOY=119 SMM Pointing: S12E02 H.Ang=8deg
Start Peak Carr. Lon.=335deg H.Ang=9deg
Optical Ha...Class=SF AR4474 Mac.=FKI
GOES 06:57 07:05 07:12 Importance=C2 Qual=03 MaxkeV=48
HXRBs* 06:57:32 06:58:39 07:00:02 Peak...c/s=62 Qual=01 Rast=250"x250" Pitch=+63",Yaw=+33"
UVSP 06:31 Wavelength=1539A Code=00 Exp #=16984

Event # = 6988
84/04/28,15:02 DOY=119 SMM Pointing: S12W03 H.Ang=8deg
Start Peak Carr. Lon.=352deg H.Ang=18deg
Optical Ha...Class=SF AR4474 Mac.=FKI
GOES 14:59 15:02 15:05 Importance=C1 Qual=02 MaxkeV=48
HXRBs* 14:59:34 14:59:50 15:00:27 Peak...c/s=65 Qual=01 Rast=250"x250" Pitch=+63",Yaw=-52"
UVSP 14:39 Wavelength=1539A Code=00 Exp #=16990

Event # = 20543
84/04/28,20:23 DOY=119 SMM Pointing: S15W06 H.Ang=12deg
Start Peak Carr. Lon.=336deg H.Ang=8deg
Optical Ha...Class=2B AR4474 Mac.=FKI
GOES 20:15 20:23 20:33 Importance=C5 Qual=04 FePeak.c/s=38 XEN=411900
BCS 20:19 20:22 20:49 CaPeak.c/s=196 Qual=4 FePeak=20:21 Rast=420"x420" Step=10" Cad=1806s 1.024s/pixel
FCS 20:32 20:32 Peak3...c/s=42 Step=10" Pitch=+112",Yaw=-104"
UVSP 20:20 Wavelength=1539A Code=00 Exp #=16996
Radio Frequency(MHz)/Flux(sfu): 245/140 410/100 606/290 1415/110 2695/320 4995/150 8800/160 15400/110

Event # = 6989
84/04/28,21:00 DOY=119 SMM Pointing: S15W06 H.Ang=12deg
Start Peak Carr. Lon.=352deg H.Ang=19deg
Optical Ha...Class=SN AR4474 Mac.=FKI
GOES 20:55 21:00 21:10 Importance=C2 Qual=01 MaxkeV=48
HXRBs* 20:56:35 20:56:50 20:58:17 Peak...c/s=85 Qual=01 FePeak.c/s=8 dt= 7.7s XEN=411905
BCS 20:57 21:01 21:06 CaPeak.c/s=24 Qual=1 FePeak=21:01 #Peaks=1
UVSP 20:20 Wavelength=1539A Code=00 Exp #=16996 Rast=250"x250" Pitch=+112",Yaw=-104"

HRBS* 02:46:26	02:46:49	02:47:24	Peak...c/s=333	Associated Qual=01	Event # = 6996 Tot Cts=2747	MaxkeV=48	
HRBS* 02:48:34	02:48:49	02:49:02	Peak...c/s=68	Associated Qual=01	Event # = 6997	MaxkeV=48	
Event # = 6998	DOY=120		SMM Pointing:	S15W10		Pitch=+176",	Yaw=-158", Roll=0deg H.Ang=14deg
84/04/29 02:49	Peak	End times		Qual=00			
GOES 04:09	04:12	04:14	Importance=C1	Qual=01	Tot Cts=21606	MaxkeV=108	
HRBS* 04:11:36	04:12:21	04:13:50	Peak...c/s=120	Code=02	Exp #=17000	Rast=250"x250"	Pitch=+112", Yaw=-159"
UVSP 04:14			Wavelength=1539A				
Event # = 6999	DOY=120		SMM Pointing:	S15W10		Pitch=+176",	Yaw=-158", Roll=0deg H.Ang=14deg
84/04/29 04:12	Peak	End times		Qual=04			
GOES 04:31	04:35	04:37	Importance=C1	Qual=01	Tot Cts=2849	MaxkeV=48	
HRBS* 04:30:26	04:30:33	04:30:43	Peak...c/s=101	Code=00	Exp #=17001	Rast=250"x250"	Pitch=+112", Yaw=-159"
UVSP 04:14			Wavelength=1539A	Associated Qual=01	Event # = 7001	MaxkeV=48	
HRBS* 04:34:11	04:34:22	04:34:39	Peak...c/s=68				
Event # = 7002	DOY=120		SMM Pointing:	S15W10		Pitch=+174",	Yaw=-153", Roll=0deg H.Ang=14deg
84/04/29 04:48	Peak	End times		Qual=00			
GOES 04:47:59	04:48:09	04:48:27	Peak...c/s=77	Qual=01	Exp #=17001	MaxkeV=48	
HRBS* 04:47:59	04:48:09	04:48:27	Peak...c/s=77			Rast=250"x250"	Pitch=+112", Yaw=-159"
UVSP 04:14			Wavelength=1539A				
Event # = 7003	DOY=120		SMM Pointing:	S15W10		Pitch=+174",	Yaw=-153", Roll=0deg H.Ang=14deg
84/04/29 04:51	Peak	End times		Qual=00			
GOES 04:51:45	04:51:55	04:52:05	Peak...c/s=396	Qual=01	Tot Cts=1403	MaxkeV=88	
HRBS* 04:51:45	04:51:55	04:52:05	Peak...c/s=396		Exp #=17001	Rast=250"x250"	Pitch=+112", Yaw=-159"
UVSP 04:14			Wavelength=1539A				
Event # = 7005	DOY=120		SMM Pointing:	S15W11		Pitch=+176",	Yaw=-182", Roll=0deg H.Ang=15deg
84/04/29 06:44	Peak	End times		Qual=00			
GOES 06:43:38	06:44:15	06:44:24	Peak...c/s=81	Qual=01	Exp #=17002	MaxkeV=48	
HRBS* 06:43:38	06:44:15	06:44:24	Peak...c/s=81			Rast=250"x250"	Pitch=+112", Yaw=-187"
UVSP 06:05			Wavelength=1539A				
Event # = 20199	DOY=120		SMM Pointing:	S15W11		Pitch=+176",	Yaw=-182", Roll=0deg H.Ang=15deg
84/04/29 06:45	Peak	End times		Qual=00			
GOES 06:28	06:45	06:46	CaPeak.c/s=87	Qual=2	FePeak.c/s=8	#Peaks=2	XEN=412002
BCS 06:28	06:45	06:46	CaPeak.c/s=87		Rast=180"x180"	Step=10"	Cad= 332s 1.024s/pixe
FCS 06:05	06:28	06:28	Peak3...c/s=44		Step=10"	Step=10"	Pitch=+112", Yaw=-187"
UVSP 06:05	06:05	06:05	Wavelength=1539A		Exp #=17002		

Event # = 7024
 84/05/01,01:34 Start DOY=122 Peak
 Optical
 GOES 00:18 01:34 01:55 End times
 HXRBS* 01:02:50 01:12:46 01:16:52
 BCS 00:28 01:52 04:24
 FCS 01:58
 UVSP
 Radio Frequency (MHz)/Flux(sfu):
 HXRBS* 00:19:49 00:22:05 00:22:47
 UVSP 00:20
 HXRBS* 00:23:28 00:24:02 00:24:46
 UVSP 00:20

SMM Pointing: S15W35
 Ha...Class=2B
 Importance=M4
 CaPeak.c/s=208
 Peak3...c/s=727
 Wavelength=1539A
 245/31 410/240 606/280 1415/65 2695/200
 Associated
 Event # = 7020
 Tot Cts=48594
 FePeak=01:52
 Exp #=17044
 4995/140 8800/160 15400/50
 MaxkeV=108
 FePeak.c/s=73 #Peaks=3
 Rast=180"x180" Step=10" Cad= 332s XEN=412203
 Rast=250"x250" Step=10" Pitch=10" XEN=1.024s/pixe1
 4995/140 8800/160 15400/50
 MaxkeV=48
 Rast=250"x250" Step=10" Pitch=10" Yaw=-537"
 MaxkeV=48
 Rast=250"x250" Step=10" Pitch=10" Yaw=-537"

Event # = 20547
 84/05/01,05:10 Start DOY=122 Peak
 Optical
 GOES 05:04 05:10 05:14 End times
 BCS 05:14 05:14 05:42
 FCS 05:23
 UVSP 05:13

SMM Pointing: S15W36
 Ha...Class=SB
 Importance=C6
 CaPeak.c/s=83
 Peak3...c/s=127
 Wavelength=1539A
 Code=02
 Exp #=17046

Event # = 20548
 84/05/01,10:16 Start DOY=122 Peak
 Optical
 GOES 10:13 10:16 10:22 End times
 BCS 10:16 10:18 10:21
 FCS 10:17
 UVSP 10:05

SMM Pointing: S15W40
 Ha...Class=SF
 Importance=C1
 CaPeak.c/s=24
 Peak3...c/s=54
 Wavelength=1539A
 Code=00
 Exp #=17049

Event # = 7025
 84/05/01,18:01 Start DOY=122 Peak
 Optical
 GOES 17:58 18:01 18:04 End times
 HXRBS* 18:00:26 18:00:54 18:01:20
 UVSP 17:58

SMM Pointing: N79W00
 Ha...Class=SF
 Importance=C1
 Peak...c/s=203
 Wavelength=3090A
 Code=01
 Tot Cts=1735
 Exp #=17057

Event # = 7026
 84/05/01,19:49 Start DOY=122 Peak
 GOES 19:46 19:49 19:52 End times
 HXRBS* 19:47:51 19:48:05 19:48:23
 UVSP 19:34

SMM Pointing: S15W45
 Importance=C1
 Peak...c/s=61
 Wavelength=1524A
 Code=00
 Tot Cts=174
 Exp #=17060

Pitch=+189", Yaw=-527", Roll=0deg
 Mac.=FKI Carr. Lon.=338deg
 MaxkeV=108
 FePeak.c/s=73 #Peaks=3
 Rast=180"x180" Step=10" Cad= 332s XEN=412203
 Rast=250"x250" Step=10" Pitch=10" XEN=1.024s/pixe1
 4995/140 8800/160 15400/50
 MaxkeV=48
 Rast=250"x250" Step=10" Pitch=10" Yaw=-537"
 MaxkeV=48
 Rast=250"x250" Step=10" Pitch=10" Yaw=-537"

Pitch=+189", Yaw=-547", Roll=0deg
 Mac.=FKI Carr. Lon.=351deg
 FePeak.c/s=17 #Peaks=1
 Rast=250"x250" Step=10" Pitch=10" Yaw=-560"

Pitch=+192", Yaw=-589", Roll=0deg
 Mac.=FKI Carr. Lon.=341deg
 FePeak.c/s=7 #Peaks=1 dt= 3.8s XEN=412200
 Rast=250"x250" Step=10" Pitch=+137", Yaw=-603"

Pitch=-947", Yaw=+0", Roll=0deg
 Mac.=FKI Carr. Lon.=338deg
 MaxkeV=88
 Rast=60"x240" Step=3" Pitch=-1007", Yaw=-12"

Pitch=+200", Yaw=-652", Roll=0deg
 MaxkeV=48
 Rast=285"x285" Step=15" Pitch=+136", Yaw=-657"

Event # = 20549	D0Y=122	S15W45	SMM Pointing:	Pitch=+200", Yaw=-652", Roll=0deg	H. Ang=46deg
84/05/01, 20:40	Peak				
Optical	End times				
GOES 20:08	20:55	Qual=05	Importance=C2	Mac.=FKI	
BCS 20:45	21:01	Qual=5	CaPeak.c/s=51	FePeak.c/s=10	XEN=412201
FCS 20:49			Peak3..c/s=231	Rast=180"x180"	1.024s/pixel
UVSP 20:48		Code=02	WaveLength=1524A	Step=15"	Cad= 332s
Radio Sweeps	Type/Intensity:	Exp #=17061	III/2	Pitch=+136", Yaw=-657"	
84/05/02 D0Y=123					
Event # = 20550	D0Y=123	S15W49	SMM Pointing:	Pitch=+205", Yaw=-699", Roll=0deg	H. Ang=50deg
84/05/02, 03:47	Peak				
Optical	End times				
GOES 03:43	03:51	S15W56	Ha...Class=SN	Mac.=FKI	
BCS 03:46	03:48	Qual=01	Importance=C1	Carr. Lon.=348deg	H. Ang=56deg
UVSP 03:05		Qual=1	CaPeak.c/s=23	FePeak.c/s=7	XEN=412301
		Code=00	WaveLength=1524A	Step=15"	Pitch=+139", Yaw=-696"
84/05/02, 12:15 D0Y=123					
Event # = 20551	D0Y=123	S15W54	SMM Pointing:	Pitch=+207", Yaw=-747", Roll=0deg	H. Ang=54deg
84/05/02, 12:15	Peak				
Optical	End times				
GOES 11:42	12:37	S13W55	Ha...Class=SN	Mac.=FKI	
BCS 11:47	13:02	Qual=02	Importance=C3	Carr. Lon.=342deg	H. Ang=55deg
FCS 12:34		Qual=7	CaPeak.c/s=49	FePeak.c/s=11	XEN=412302
UVSP 12:33			Peak3..c/s=199	Rast=0"x0"	Cad=3840s
			WaveLength=1524A	Step=10"	3840s/pixel
84/05/02, 15:03 D0Y=123					
Event # = 20642	D0Y=123	S15W56	SMM Pointing:	Pitch=+211", Yaw=-766", Roll=0deg	H. Ang=56deg
84/05/02, 15:03	Peak				
Optical	End times				
GOES 14:02	15:34	S11W54	Ha...Class=SF	Mac.=FKI	
BCS 14:05	15:03	Qual=04	Importance=C2	Carr. Lon.=339deg	H. Ang=54deg
FCS 14:52		Qual=2	CaPeak.c/s=70	FePeak.c/s=11	XEN=412320
UVSP 14:38		Code=00	Peak3..c/s=146	Rast=250"x250"	Pitch=+151", Yaw=-755"
Radio Sweeps	Type/Intensity:	Exp #=17074	III/1 V/1	Step=10"	Pitch=+153", Yaw=-771"
84/05/02, 16:19 D0Y=123					
Event # = 7027	D0Y=123	S15W56	SMM Pointing:	Pitch=+212", Yaw=-767", Roll=0deg	H. Ang=57deg
84/05/02, 16:19	Peak				
Optical	End times				
GOES 16:05	16:44	S14W54	Ha...Class=SB	Mac.=FKI	
HXRBS* 16:14:15	16:17:14	Qual=04	Importance=C7	Carr. Lon.=339deg	H. Ang=54deg
BCS 16:12	17:28	Qual=01	Peak...c/s=97	MaxVel=48	
FCS 17:18		Qual=4	CaPeak.c/s=418	FePeak.c/s=120	XEN=412300
UVSP 16:12		Code=00	Peak3..c/s=306	Rast=180"x180"	1.024s/pixel
Radio	Frequency(MHz)/Flux(sfu):	Exp #=17076	WaveLength=1524A	Step=10"	Pitch=+153", Yaw=-771"
		245/34	410/53	606/160	1415/30
		2695/21	4995/21	8800/15	

84/05/04		DOY=125	
Event # = 8309	84/05/04, 01:39	DOY=125	Peak
Optical	SMM Pointing:	S15W73	Pitch=+228", Yaw=-883", Roll=0deg
GOES	Ha...Class=SN	S14W51	Mac.=DAO
HXRBS	Importance=C1	Qual=03	Carr. Lon.=317deg
UVSP	Peak...c/s=93	Code=00	Flags=I
	Wavelength=1524A	Tot Cts=912	MaxkeV=67
	Associated	Exp #=17100	Rast=285"x285"
	Peak...c/s=50	Event # = 8308	Step=15"
		Tot Cts=1333	Pitch=+164", Yaw=-889"
			MaxkeV=48
			Flags=I
Event # = 7039	84/05/04, 06:07	DOY=125	Peak
Optical	SMM Pointing:	S15W77	Pitch=+232", Yaw=-898", Roll=0deg
GOES	Ha...Class=SB	S11W48	Mac.=DAO
HXRBS	Importance=C3	Qual=01	Carr. Lon.=312deg
BGS	Peak...c/s=736	Code=00	Carr. Lon.=335deg
FCS	CaPeak.c/s=105	Qual=5	Flags=FS
UVSP	Peak3...c/s=73	Tot Cts=14307	FePeak.c/s=22
Radio	Wave length=1524A	Exp #=17103	#Peaks=1
	Frequency(MHz)/Flux(sfu):	1415/24 2695/58 4995/40 8800/30 15400/15	Rast=250"x250"
			Step=10"
			Pitch=+174", Yaw=-909"
Event # = 7040	84/05/04, 08:59	DOY=125	Peak
Optical	SMM Pointing:	S15W81	Pitch=+236", Yaw=-910", Roll=0deg
GOES	Importance=C1	Qual=01	Mac.=DAO
HXRBS	Peak...c/s=85	Code=00	Carr. Lon.=312deg
BGS	CaPeak.c/s=20	Qual=1	Carr. Lon.=335deg
FCS	Peak3...c/s=55	Tot Cts=1086	Flags=FS
UVSP	Wave length=1524A	Exp #=17105	#Peaks=1
	Frequency(MHz)/Flux(sfu):	1415/24 2695/58 4995/40 8800/30 15400/15	Rast=250"x250"
			Step=10"
			Pitch=+174", Yaw=-909"
Event # = 7041	84/05/04, 16:17	DOY=125	Peak
Optical	SMM Pointing:	S11W90	Pitch=+246", Yaw=-927", Roll=0deg
GOES	Importance=M1	Qual=05	Mac.=DAO
HXRBS	Peak...c/s=63	Code=00	Carr. Lon.=347deg
UVSP	Wavelength=1524A	Tot Cts=579	Carr. Lon.=348deg
Radio Sweeps	V/1	Exp #=17111	H. Ang=81deg
Radio	Type/Intensity:	Tot Cts=579	MaxkeV=48
	Frequency(MHz)/Flux(sfu):	Exp #=17111	Rast=250"x250"
			Step=10"
			Pitch=+188", Yaw=-931"
			MaxkeV=48
			Carr. Lon.=348deg
			H. Ang=89deg
Event # = 20643	84/05/04, 18:42	DOY=125	Peak
Optical	SMM Pointing:	S09W90	Pitch=+247", Yaw=-928", Roll=0deg
GOES	Code=LPS	Qual=01	Mac.=DAO
BGS	Importance=C4	Qual=3	Carr. Lon.=347deg
FCS	CaPeak.c/s=45	FePeak=18:42	FePeak.c/s=11
UVSP	Peak3...c/s=220	Exp #=17112	#Peaks=1
	Wavelength=1524A	Code=00	dt= 7.7s
		Exp #=17112	XEN=412509
			Rast=250"x250"
			Step=10"
			Pitch=+188", Yaw=-931"

Event # = 7043
 84/05/04, 20:45 DOY=125 SMM Pointing: Pitch=+247", Yaw=-928", Roll=0deg
 Start Peak
 GOES 20:32 20:45 20:52 Qual=02
 HXRBS 20:33:59 20:34:36 20:35:11 Qual=01
 UVSP 21:14 Exp #=17114
 MaxkeV=48
 Rast=250"x250" Step=10" Pitch=+188", Yaw=-931"

Event # = 7045
 84/05/04, 23:47 DOY=125 SMM Pointing: Pitch=+244", Yaw=-921", Roll=0deg H. Ang=89deg
 Start Peak
 Optical
 GOES 23:31 23:47 00:01 S09M63 H. Ang=63deg
 HXRBS 23:41:30 23:43:07 23:44:10 Qual=02 AR4476
 BCS 23:33 23:35 23:43 Qual=01 Tot Cts=6092
 FCS 23:37 23:37 23:43 Qual=1 FePeak=23:36
 UVSP 00:23 Exp #=17116
 Radio Frequency(MHz)/Flux(sfu): 245/26 1415/7 2695/12 4995/12 8800/19 15400/41
 HXRBS 23:31:47 23:34:39 23:37:46 Associated Event # = 7044
 UVSP 22:47 Peak...c/s=108 Qual=01 Tot Cts=8126
 MaxkeV=108
 Rast=250"x250" Step=10" Pitch=+188", Yaw=-931"

84/05/05 DOY=126
 Event # = 20555
 84/05/05, 00:50 DOY=126 SMM Pointing: Pitch=+245", Yaw=-924", Roll=0deg
 Start Peak
 Optical
 GOES 00:48 00:50 00:55 S11M64 H. Ang=64deg
 BCS 00:49 00:49 00:51 Qual=04 AR4476
 FCS 00:51 00:51 00:51 Qual=1 FePeak=00:50
 UVSP 00:23 Wavelength=1524A Code=00 Exp #=17116
 FePeak.c/s=8 #Peaks=1 XEN=412600
 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel
 Rast=250"x250" Step=10" Pitch=+188", Yaw=-931"

Event # = 7046
 84/05/05, 01:09 DOY=126 SMM Pointing: Pitch=+245", Yaw=-924", Roll=0deg
 Start Peak
 GOES 01:04 01:09 01:14 Qual=01
 HXRBS 01:05:24 01:06:42 01:08:17 Peak...c/s=803 #Peaks=1 dt= 3.8s XEN=412601
 BCS 01:05 01:07 01:18 CaPeak.c/s=304 Qual=1 FePeak=01:07 Cad= 922s 1.024s/pixel
 FCS 01:15 01:15 01:18 Peak3..c/s=361
 UVSP 00:23 Wavelength=1524A Code=00 Exp #=17116
 Radio Frequency(MHz)/Flux(sfu): 245/10 8800/29 15400/85
 MaxkeV=88
 FePeak.c/s=58 #Peaks=1
 Rast=300"x300" Step=10" Cad= 922s 1.024s/pixel
 Rast=250"x250" Step=10" Pitch=+188", Yaw=-931"

Event # = 20556
 84/05/05, 03:40 DOY=126 SMM Pointing: Pitch=+247", Yaw=-927", Roll=0deg
 Start Peak
 GOES 03:30 03:40 03:45 Qual=04
 BCS 03:36 03:41 04:20 Qual=4 FePeak=03:41
 FCS 03:47 03:47 03:47 Qual=0
 UVSP 03:37 Wavelength=1524A Code=00 Exp #=17118
 FePeak.c/s=12 #Peaks=1 dt= 7.7s XEN=412603
 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel
 Rast=285"x285" Step=15" Pitch=+181", Yaw=-924"

Event # = 7047
 84/05/05, 04:00 DOY=126 SMM Pointing: Pitch=+247", Yaw=-927", Roll=0deg
 Start Peak
 GOES 03:57 04:00 04:04 Qual=01
 HXRBS 03:57:41 03:58:13 04:00:58 Qual=01
 UVSP 03:37 03:37 03:37 Qual=00 Exp #=17118
 Wavelength=1524A Code=00
 MaxkeV=48
 Rast=285"x285" Step=15" Pitch=+181", Yaw=-924"

----- Associated Event # = 7053 ----- MaxkeV=48
 HXRBS 16:12:25 16:12:38 16:13:00 Peak...c/s=65 Qual=01

Event # = 7055 SMM Pointing: Pitch=+248", Yaw=-927", Roll=0deg
 84/05/05,18:03 DOY=126 Peak 18:05 MaxkeV=48
 GOES 18:01 18:03 Importance=C2 Qual=01
 HXRBS 18:01:31 18:02:21 18:03:26 Peak...c/s=83 Qual=01

Event # = 7056 SMM Pointing: Pitch=+248", Yaw=-927", Roll=0deg
 84/05/05,18:27 DOY=126 Peak 18:29 MaxkeV=48
 Optical Code=LPS AR4474 Carr. Lon.=334deg H. Ang=89deg
 GOES 18:08 18:27 18:49 S11W90 Qual=01
 HXRBS 18:08:24 18:14:43 18:38:04 Peak...c/s=17630 Qual=03
 GRS 18:09:50 18:25:08 Max.E.MeV= 0.9 Tot Cts=6.61E+6 MaxkeV=401
 BCS 18:10 18:24 21:24 CaPeak.c/s=6018 Qual= 1 FePeak=18:22 #Peaks=1 Dur=918sec
 FCS 18:22 18:22 Peak3..c/s=1919 Rast=300"x300" Step=10" Cad= 922s XEN=412611
 Radio Sweeps Type/Intensity: 11/2 IV/2 V/1
 Radio Frequency(MHz)/Flux(sfu): 245/1500 410/37 606/67 1415/100 2695/190 4995/200 8800/500 15400/1000

Event # = 7057 SMM Pointing: Pitch=+248", Yaw=-926", Roll=0deg
 84/05/05,19:29 DOY=126 Peak 19:31 MaxkeV=67
 GOES 19:25 19:29 19:31 Importance=C9 Qual=01
 HXRBS 19:25:44 19:25:55 19:27:45 Peak...c/s=197 Qual=01 Tot Cts=9200

Event # = 7058 SMM Pointing: Pitch=-115", Yaw=+937", Roll=0deg
 84/05/05,22:50 DOY=126 Peak 22:51:25 MaxkeV=67
 GOES 22:49:46 22:50:00 22:51:25 Peak...c/s=58 Qual=00
 HXRBS 22:49:46 22:50:00 22:51:25 Peak...c/s=58 Qual=01

Event # = 20558 SMM Pointing: Pitch=-115", Yaw=+937", Roll=0deg
 84/05/05,23:17 DOY=126 Peak 23:18 MaxkeV=48
 GOES 23:10 23:17 23:20 Importance=C2 Qual=01
 BCS 23:12 23:16 23:18 CaPeak.c/s=26 Qual= 1 FePeak=23:16 dt= 7.7s XEN=412616
 FCS 23:12 23:12 Peak3..c/s=57 Rast=180"x180" Step=10" Cad= 332s

----- 84/05/06 DOY=127 -----
 Event # = 7059 SMM Pointing: Pitch=-115", Yaw=+937", Roll=0deg
 84/05/06,00:12 DOY=127 Peak 00:12:57 MaxkeV=48
 GOES 00:12:21 00:12:33 00:12:57 Peak...c/s=81 Qual=00
 HXRBS 00:12:21 00:12:33 00:12:57 Peak...c/s=81 Qual=01

Event # = 7060 SMM Pointing: Pitch=-213", Yaw=+927", Roll=0deg
 84/05/06,01:35 DOY=127 Peak 01:36:13 MaxkeV=67
 GOES 01:30 01:35 01:41 Importance=C5 Qual=05
 HXRBS 01:31:27 01:32:54 01:36:13 Peak...c/s=317 Qual=01 Tot Cts=15452

Event # = 7061											
84/05/06,01:46 Start	D0Y=127 Peak	End times	SMM Pointing:	S13E88		Pitch=+206" , Yaw=+929" , Roll=0deg	H. Ang=87deg				
Optical			Ha...Class=SF								
GOES 01:42	01:46	01:53	Importance=C5	N06E83	AR4481	Mac.=EKO	Carr. Lon.=157deg	H. Ang=83deg			
HXRBS 01:42:52	01:44:08	01:47:08	Peak...c/s=384	Qual=01							
BCS 01:43	01:45	01:53	CaPeak.c/s=168	Qual=01	Tot Cts=10594	MaxkeV=67	#Peaks=1	XEN=412700			
FCS	01:43		Peak3...c/s=26	Qual=1	FePeak=01:45	Rast=180"x300"	Step=10" Cad= 553s	1.024s/pixel			
<hr/>											
Event # = 7062											
84/05/06,02:21 Start	D0Y=127 Peak	End times	SMM Pointing:	S15W87		Pitch=+244" , Yaw=-919" , Roll=0deg	H. Ang=86deg				
GOES 02:17	02:21	02:24	Importance=C2	Qual=01							
HXRBS 02:18:51	02:19:12	02:19:38	Peak...c/s=125	Qual=01	Tot Cts=926	MaxkeV=48					
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Event # = 7063											
84/05/06,05:03 Start	D0Y=127 Peak	End times	SMM Pointing:	N07E85		Pitch=-117" , Yaw=+942" , Roll=0deg	H. Ang=85deg				
GOES 04:58	05:03	05:10	Importance=C2	Qual=01							
HXRBS 04:58:52	04:59:18	05:00:02	Peak...c/s=74	Qual=01		MaxkeV=48	#Peaks=2	XEN=412702			
BCS 04:59	04:59	05:03	CaPeak.c/s=36	Qual=1	FePeak=04:59	Rast=300"x300"	Step=10" Cad= 922s	1.024s/pixel			
FCS	04:59		Peak3...c/s=12								
<hr/>											
Event # = 20559											
84/05/06,05:33 Start	D0Y=127 Peak	End times	SMM Pointing:	N07E85		Pitch=-117" , Yaw=+942" , Roll=0deg	H. Ang=85deg				
GOES 05:28	05:33	05:40	Importance=C1	Qual=03							
BCS 05:30	05:32	05:38	CaPeak.c/s=33	Qual=3	FePeak=05:32	Rast=180"x180"	Step=10" Cad= 332s	XEN=412704			
FCS	05:37		Peak3...c/s=369								
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Event # = 7064											
84/05/06,08:25 Start	D0Y=127 Peak	End times	SMM Pointing:	N06E81		Pitch=-113" , Yaw=+936" , Roll=0deg	H. Ang=82deg				
Optical			Ha...Class=SB								
GOES 08:19	08:25	08:29	Importance=C3	N07E89	AR4481	Mac.=EKO	Carr. Lon.=147deg	H. Ang=89deg			
HXRBS 08:21:52	08:22:23	08:26:18	Peak...c/s=369	Qual=01							
BCS 08:21	08:23	08:39	CaPeak.c/s=221	Qual=1	Tot Cts=8760	MaxkeV=48	#Peaks=1	XEN=412705			
FCS	08:31		Peak3...c/s=400		FePeak=08:22	Rast=180"x180"	Step=10" Cad= 332s	1.024s/pixel			
Radio	Frequency(MHz)/Flux(sfu):	245/15 8800/12									
<hr/>											
Event # = 20560											
84/05/06,08:46 Start	D0Y=127 Peak	End times	SMM Pointing:	N06E81		Pitch=-113" , Yaw=+936" , Roll=0deg	H. Ang=82deg				
Optical			Ha...Class=SN								
GOES 08:44	08:46	08:48	Importance=C1	N07E82	AR4481	Mac.=EKO	Carr. Lon.=154deg	H. Ang=83deg			
BCS 08:45	08:46	08:47	CaPeak.c/s=26	Qual=03							
FCS	08:45		Peak3...c/s=17	Qual=3	FePeak=08:46	Rast=180"x180"	Step=10" Cad= 332s	XEN=412711			
<hr/>											
Event # = 20561											
84/05/06,14:02 Start	D0Y=127 Peak	End times	SMM Pointing:	N05E79		Pitch=-118" , Yaw=+947" , Roll=0deg	H. Ang=79deg				
Optical			Ha...Class=SF								
GOES 13:40	14:02	14:45	Importance=C1	N05E79	AR4481	Mac.=EKO	Carr. Lon.=154deg	H. Ang=79deg			
BCS 14:07	14:08	15:05	CaPeak.c/s=34	Qual=04							
FCS	14:13		Peak3...c/s=275	Qual=4	FePeak=14:07	Rast=180"x180"	Step=10" Cad= 332s	XEN=412730			

Event # = 20562
 84/05/06,15:23 DOY=127
 Start Peak End times
 GOES 15:17 15:38
 BCS 15:43 15:48
 FCS 15:44 15:48

SMM Pointing: N07E85
 Importance=C3
 CaPeak.c/s=35
 Peak3..c/s=56

Pitch=-116" ,Yaw=+943" ,Roll=0deg H.Ang=86deg
 #Peaks=1
 Step=0" Cad=3840s
 XEN=412716
 3840s/pixel

FePeak.c/s=9
 Rast=0"x0" dt= 3.8s
 XEN=412718
 3840s/pixel

Event # = 7065
 84/05/06,16:25 DOY=127
 Start Peak End times
 GOES 16:21 16:27
 HXRBS 16:24:21 16:24:34 16:26:21
 BCS 16:23 16:25
 FCS 16:25 16:28
 Radio Frequency(MHz)/Flux(sfu): 8800/33

SMM Pointing: N06E82
 Ha...Class=SB
 Importance=C3
 Peak...c/s=1652
 CaPeak.c/s=202
 Peak3..c/s=42
 8800/33

Pitch=-114" ,Yaw=+937" ,Roll=0deg H.Ang=82deg
 Mac.=EKO Carr. Lon.=143deg H.Ang=90deg
 MaxkeV=219 Flags=FS
 FePeak.c/s=55 #Peaks=1
 Rast=0"x0" Cad=3840s
 XEN=412718
 3840s/pixel

Event # = 7066
 84/05/06,18:12 DOY=127
 Start Peak End times
 GOES 18:07 18:12
 HXRBS 18:07:37 18:08:03 18:11:34
 BCS 18:08 18:11
 FCS 18:11 18:13
 UVSP 18:52
 Radio Frequency(MHz)/Flux(sfu): 15400/22

SMM Pointing: N06E81
 Importance=C1
 Peak...c/s=299
 CaPeak.c/s=26
 Peak3..c/s=140
 Wave length=1524A
 15400/22

Pitch=-114" ,Yaw=+935" ,Roll=0deg H.Ang=81deg
 MaxkeV=108 dt= 7.7s XEN=412721
 FePeak.c/s=9 #Peaks=2
 Rast=180"x180" Step=10" Cad= 332s
 XEN=412721
 1.024s/pixel
 Rast=250"x250" Step=10" Pitch=-172" ,Yaw=+947"

Exp #=17135

Event # = 7067
 84/05/06,19:05 DOY=127
 Start Peak End times
 Optical
 GOES 19:00 19:05 19:08
 HXRBS 19:02:38 19:04:05 19:05:33
 BCS 19:02 19:04 19:12
 FCS 19:04 19:04
 UVSP 18:52
 Radio Frequency(MHz)/Flux(sfu): 8800/23 15400/49

SMM Pointing: N06E82
 Ha...Class=SN
 Importance=C3
 Peak...c/s=589
 CaPeak.c/s=232
 Peak3..c/s=412
 Wave length=1524A
 8800/23 15400/49

Pitch=-112" ,Yaw=+937" ,Roll=0deg H.Ang=82deg
 Mac.=EKO Carr. Lon.=152deg H.Ang=78deg
 MaxkeV=150 XEN=412722
 FePeak.c/s=65 #Peaks=2
 Rast=0"x0" Cad=1.02s
 XEN=412722
 1.024s/pixel
 Rast=250"x250" Step=10" Pitch=-172" ,Yaw=+947"

Exp #=17135

Associated Event # = 7068
 Qual=01 Tot Cts=230

Event # = 7069
 84/05/06,19:36 DOY=127
 Start Peak End times
 GOES 19:36:16 19:36:21 19:36:37
 HXRBS 19:36:16 19:36:21 19:36:37
 UVSP 18:52

SMM Pointing: N06E82
 Peak...c/s=118
 Wave length=1524A

Pitch=-112" ,Yaw=+937" ,Roll=0deg H.Ang=82deg
 MaxkeV=48
 Rast=250"x250" Step=10" Pitch=-172" ,Yaw=+947"

Event # = 7070
 84/05/06,21:16 DOY=127
 Start Peak End times
 GOES 21:06 21:16 21:21
 HXRBS 21:19:46 21:19:59 21:20:08
 BCS 21:07 21:15 21:17
 UVSP 20:26

SMM Pointing: N06E82
 Importance=C1
 Peak...c/s=70
 CaPeak.c/s=15
 Wave length=1524A

Pitch=-112" ,Yaw=+938" ,Roll=0deg H.Ang=83deg
 MaxkeV=48
 FePeak.c/s=15 #Peaks=3
 Rast=250"x250" Step=10" Pitch=-172" ,Yaw=+947"

Event # = 20563	84/05/06, 22:08		DOY=127	SMM Pointing: N07E88		Pitch=-118", Yaw=+945", Roll=0deg		H. Ang=89deg	
84/05/06	Start	22:06	Peak	Importance=C1	Qual=01	dt= 7.7s	XEN=412729		
GOES	22:06	22:08	22:07	CaPeak.c/s=25	Qual= 1	FePeak=22:08	Rast=420"x420"	Step=10" Cad=1806s 1.024s/pixel	
BCS	22:06	22:08	22:07	Peak3..c/s=17	Code=00	Exp #=17137	Rast=250"x250"	Step=10" Pitch=-172", Yaw=+947"	
FCS	22:06	22:08	22:07	Wavelength=1524A	Code=00	Exp #=17137			
UVSP	22:06	22:08	22:07						
84/05/07 DOY=128									
Event # = 20564	84/05/07, 00:05		DOY=128	SMM Pointing: N07E83		Pitch=-115", Yaw=+939", Roll=0deg		H. Ang=83deg	
84/05/07	Start	00:03	Peak	Importance=C1	Qual=01				
GOES	00:03	00:05	00:14	CaPeak.c/s=29	Qual= 1	FePeak=00:05	Rast=250"x250"	Step=10" Pitch=-172", Yaw=+947"	
BCS	00:03	00:05	00:14	Wavelength=1524A	Code=00	Exp #=17138			
UVSP	23:35								
84/05/07 DOY=128									
Event # = 7071	84/05/07, 01:22		DOY=128	SMM Pointing: N06E82		Pitch=-114", Yaw=+937", Roll=0deg		H. Ang=82deg	
84/05/07	Start	01:19	Peak	Importance=C1	Qual=01				
GOES	01:19	01:22	01:26	Peak...c/s=306	Qual=01	Tot Cts=3106	MaxkeV=108	XEN=412803	
HXRBS	01:20	01:21	01:23	CaPeak.c/s=29	Qual= 1	FePeak=01:21	Rast=300"x300"	Step=10" Cad= 922s 1.024s/pixel	
BCS	01:21	01:23	01:23	Peak3..c/s=109	Code=00	Exp #=17139	Rast=250"x250"	Step=10" Pitch=-172", Yaw=+947"	
FCS	01:21	01:23	01:23	Wave length=1524A	Code=00	Exp #=17139			
UVSP	01:09			8800/32 15400/45					
Radio	Frequency (MHz) / Flux (sfu)								
84/05/07 DOY=128									
Event # = 20565	84/05/07, 02:02		DOY=128	SMM Pointing: N06E82		Pitch=-114", Yaw=+937", Roll=0deg		H. Ang=82deg	
84/05/07	Start	02:00	Peak	Importance=C1	Qual=01				
GOES	02:00	02:02	02:03	CaPeak.c/s=22	Qual= 1	FePeak=02:01	Rast=180"x180"	Step=10" Cad= 332s 1.024s/pixel	
BCS	02:01	02:02	02:02	Peak3..c/s=21	Code=00	Exp #=17139	Rast=250"x250"	Step=10" Pitch=-172", Yaw=+947"	
FCS	02:01	02:02	02:02	Wave length=1524A	Code=00	Exp #=17139			
UVSP	01:09								
84/05/07 DOY=128									
Event # = 7072	84/05/07, 03:18		DOY=128	SMM Pointing: S15W89		Pitch=+248", Yaw=-919", Roll=0deg		H. Ang=88deg	
84/05/07	Start	03:16	Peak	Importance=C1	Qual=01				
GOES	03:16	03:18	03:19	Peak...c/s=220	Qual=01	Tot Cts=1907	MaxkeV=88	XEN=412804	
HXRBS	03:16	03:18	03:19	Wavelength=3090A	Code=00	Exp #=17142	Rast=240"x240"	Step=3" Pitch=+182", Yaw=-924"	
UVSP	03:11								
84/05/07 DOY=128									
Event # = 7073	84/05/07, 04:33		DOY=128	SMM Pointing: S15W89		Pitch=+248", Yaw=-919", Roll=0deg		H. Ang=88deg	
84/05/07	Start	04:27	Peak	Ha...Class=1N	N06E68	AR4481	Mac.=FKI	Carr. Lon.=157deg	
Optical	04:27	04:33	04:40	Importance=C2	Qual=04	Tot Cts=1725	MaxkeV=48	XEN=412804	
GOES	04:27	04:33	04:33	Peak...c/s=77	Qual=01	Exp #=17143	Rast=250"x250"	Step=10" Pitch=+182", Yaw=-924"	
HXRBS	04:27	04:33	04:33	Wavelength=1526A	Code=00	Exp #=17143			
UVSP	04:27								
84/05/07 DOY=128									
Event # = 7074	84/05/07, 06:12		DOY=128	SMM Pointing: N07E85		Pitch=-116", Yaw=+942", Roll=0deg		H. Ang=85deg	
84/05/07	Start	06:11	Peak	Importance=C1	Qual=01				
GOES	06:11	06:12	06:14	Peak...c/s=76	Qual=01	Tot Cts=578	MaxkeV=48	XEN=412804	
HXRBS	06:11	06:12	06:14	Wavelength=1526A	Code=00	Exp #=17144	Rast=250"x250"	Step=10" Pitch=-179", Yaw=+938"	
UVSP	06:01								

Event # = 7075	Pitch=-116", Yaw=+942", Roll=0deg		H. Ang=85deg	
84/05/07, 06:25	SMM Pointing: N07E85			
Start	Importance=C1			
GOES 06:22	Peak...c/s=83			
HXRBS 06:23:25	Wave length=1526A			
UVSP 06:01	Code=00			
DOY=128		Tot Cts=888		Pitch=-179", Yaw=+938"
Peak 06:25		Exp #=17144		
SMM Pointing: N07E83				
Importance=C1				
CaPeak.c/s=28				
Peak3..c/s=156				
Wave length=1526A				
DOY=128		FePeak=07:45		H. Ang=84deg
Peak 07:44		Exp #=17145		
SMM Pointing: N06E82				
Importance=C2				
CaPeak.c/s=34				
Peak3..c/s=396				
Wave length=1526A				
DOY=128		FePeak=09:27		H. Ang=82deg
Peak 09:15		Exp #=17146		
SMM Pointing: N07E71				
Importance=C2				
CaPeak.c/s=26				
Peak3..c/s=83				
Wave length=1526A				
DOY=128		FePeak=13:44		H. Ang=82deg
Peak 12:37		Exp #=17148		
SMM Pointing: S03M00				
Importance=C1				
Peak...c/s=91				
Wave length=1526A				
DOY=128		Tot Cts=1097		H. Ang=0deg
Peak 15:26		Exp #=17150		
SMM Pointing: S03M00				
Importance=C1				
CaPeak.c/s=28				
Peak3..c/s=156				
Wave length=1526A				
DOY=128		FePeak=07:45		H. Ang=84deg
Peak 07:44		Exp #=17145		
SMM Pointing: N06E81				
Importance=C2				
CaPeak.c/s=32				
Peak3..c/s=38				
Wave length=1526A				
DOY=128		FePeak=12:38		H. Ang=82deg
Peak 12:40		Exp #=17148		
SMM Pointing: N07E71				
Importance=C2				
CaPeak.c/s=26				
Peak3..c/s=83				
Wave length=1526A				
DOY=128		FePeak=13:44		H. Ang=82deg
Peak 13:27		Exp #=17149		
SMM Pointing: N07E71				
Importance=C1				
CaPeak.c/s=70				
Peak...c/s=91				
Wave length=1526A				
DOY=128		Tot Cts=357		H. Ang=72deg
Peak 14:38		Exp #=17149		
SMM Pointing: N07E71				
Importance=C1				
CaPeak.c/s=26				
Peak3..c/s=83				
Wave length=1526A				
DOY=128		FePeak=14:06		H. Ang=82deg
Peak 14:35		Exp #=17150		
SMM Pointing: N07E71				
Importance=C1				
CaPeak.c/s=26				
Peak3..c/s=83				
Wave length=1526A				
DOY=128		FePeak=14:37:27		H. Ang=72deg
Peak 14:36:35		Exp #=17149		
SMM Pointing: N07E71				
Importance=C1				
CaPeak.c/s=26				
Peak3..c/s=83				
Wave length=1526A				
DOY=128		FePeak=15:22:55		H. Ang=72deg
Peak 15:21:43		Exp #=17150		
SMM Pointing: N07E71				
Importance=C1				
CaPeak.c/s=26				
Peak3..c/s=83				
Wave length=1526A				
DOY=128		FePeak=15:22:55		H. Ang=72deg
Peak 15:21:43		Exp #=17150		
SMM Pointing: N07E71				
Importance=C1				
CaPeak.c/s=26				
Peak3..c/s=83				
Wave length=1526A				
DOY=128		FePeak=15:22:55		H. Ang=72deg
Peak 15:21:43		Exp #=17150		
SMM Pointing: N07E71				
Importance=C1				
CaPeak.c/s=26				
Peak3..c/s=83				
Wave length=1526A				
DOY=128		FePeak=15:22:55		H. Ang=72deg
Peak 15:21:43		Exp #=17150		
SMM Pointing: N07E71				
Importance=C1				
CaPeak.c/s=26				
Peak3..c/s=83				
Wave length=1526A				
DOY=128		FePeak=15:22:55		H. Ang=72deg
Peak 15:21:43		Exp #=17150		
SMM Pointing: N07E71				
Importance=C1				
CaPeak.c/s=26				
Peak3..c/s=83				
Wave length=1526A				
DOY=128		FePeak=15:22:55		H. Ang=72deg
Peak 15:21:43		Exp #=17150		
SMM Pointing: N07E71				
Importance=C1				
CaPeak.c/s=26				
Peak3..c/s=83				
Wave length=1526A				

Event # = 7078		84/05/08		DOY=129			
84/05/08	07:50	DOY=129					
Start	Peak						
SMM Pointing:		N07E61		Pitch=-141",Yaw=+829",Roll=0deg		H.Ang=62deg	
GOES	07:47	07:50	07:53	Qual=01			
HXRBS	07:48:59	07:49:23	07:50:31	Qual=02	Tot Cts=542	MaxkeV=48	Flags=SN
Importance=89		Peak...c/s=75					
Frequency(MHz)/Flux(sfu):		15400/21					
Event # = 7082		84/05/08		DOY=129			
84/05/08	12:31	DOY=129					
Start	Peak						
SMM Pointing:		N07E59		Pitch=-146",Yaw=+808",Roll=0deg		H.Ang=60deg	
GOES	12:28	12:31	12:33	Qual=01			
HXRBS	12:29:09	12:29:41	12:29:56	Qual=01	Tot Cts=584	MaxkeV=48	
Radio	Importance=C1		Peak...c/s=77				
Frequency(MHz)/Flux(sfu):		15400/21					
Event # = 7083		84/05/08		DOY=129			
84/05/08	14:56	DOY=129					
Start	Peak						
SMM Pointing:		N07E57		Pitch=-143",Yaw=+793",Roll=0deg		H.Ang=58deg	
GOES	14:52	14:56	14:58	Qual=04			
HXRBS	14:56:03	14:56:25	14:57:51	Qual=01	Tot Cts=2538	MaxkeV=67	
Importance=88		Peak...c/s=189					
Frequency(MHz)/Flux(sfu):		15400/21					
Event # = 7084		84/05/09		DOY=130			
84/05/09	00:48	DOY=130					
Start	Peak						
SMM Pointing:		N07E52		Pitch=-148",Yaw=+748",Roll=0deg		H.Ang=53deg	
Optical							
GOES	00:44	00:48	00:51	Qual=01			
HXRBS	00:46:54	00:47:04	00:47:50	Qual=01	Tot Cts=467	MaxkeV=48	
BCS	00:47	00:47	00:49	Qual=1	FePeak=00:47	FePeak.c/s=10	#Peaks=1
FCS	CaPeak.c/s=36		AR4481		Cad=3840s		
Rast=0"x0"				XEN=413000			
Pitch=-132",Yaw=+631"				3840s/pixel			
Event # = 7085		84/05/09		DOY=130			
84/05/09	05:33	DOY=130					
Start	Peak						
SMM Pointing:		N07E49		Pitch=-148",Yaw=+717",Roll=0deg		H.Ang=50deg	
GOES	05:33:37	05:33:59	05:34:14	Qual=00			
HXRBS	05:33:37	05:33:59	05:34:14	Qual=01	Tot Cts=426	MaxkeV=48	
UVSP	Importance=C1		CaPeak.c/s=27				
Pitch=-152",Yaw=+722",Roll=0deg				H.Ang=51deg			
Event # = 7086		84/05/09		DOY=130			
84/05/09	08:40	DOY=130					
Start	Peak						
SMM Pointing:		N07E47		Pitch=-152",Yaw=+695",Roll=0deg		H.Ang=48deg	
GOES	08:34	08:40	08:45	Qual=01			
HXRBS	08:38:11	08:38:53	08:40:26	Qual=01	Tot Cts=135	MaxkeV=48	
BCS	08:38	08:39	08:42	Qual=1	FePeak=08:39	FePeak.c/s=10	#Peaks=1
CaPeak.c/s=44				XEN=413005			

Event # = 20571			
84/05/09, 10:11 Start	DOY=130 Peak	SMM Pointing: N07E47	Pitch=-151", Yaw=+692", Roll=0deg H. Ang=48deg
Optical			
GOES 10:07	10:11	Ha...Class=SF Importance=B8 Capeak.c/s=22	Mac.=FKI Carr. Lon.=146deg H. Ang=51deg
BCS 10:09	10:09	Qual= 4 FePeak=10:09	FePeak.c/s=11 #Peaks=1 XEN=413007
Event # = 20572			
84/05/09, 14:17 Start	DOY=130 Peak	SMM Pointing: N07E44	Pitch=-153", Yaw=+658", Roll=0deg H. Ang=45deg
Optical			
GOES 14:12	14:17	Ha...Class=SF Importance=C1 Capeak.c/s=20	Mac.=FKI Carr. Lon.=151deg H. Ang=43deg
BCS 14:35	14:35	Qual= 5 FePeak=14:35 Exp #=17166	FePeak.c/s=7 #Peaks=1 XEN=413008 Rast=285" x285" Step=15" Pitch=-218", Yaw=+654"
UVSP 14:35	14:35	Wavelength=1524A	
Event # = 7087			
84/05/09, 15:06 Start	DOY=130 Peak	SMM Pointing: N07E44	Pitch=-157", Yaw=+659", Roll=0deg H. Ang=45deg
Optical			
GOES 15:04	15:06	Ha...Class=SF Importance=C1 Peak...c/s=116	Mac.=FKI Carr. Lon.=158deg H. Ang=36deg
HXRBS 15:05:18	15:05:20	Qual=01	MaxkeV=67
UVSP 15:05	15:05:22	WaveLength=1524A Code=00 Tot Cts=164 Exp #=17171	Rast=30" x30" Step=0" Pitch=-226", Yaw=+662"
Event # = 7088			
84/05/09, 15:15 Start	DOY=130 Peak	SMM Pointing: N07E44	Pitch=-157", Yaw=+659", Roll=0deg H. Ang=45deg
Optical			
GOES 15:12	15:15	Ha...Class=SF Importance=B9 Peak...c/s=96	Mac.=FKI Carr. Lon.=158deg H. Ang=36deg
HXRBS 15:15:03	15:15:11	Qual=01	MaxkeV=48
UVSP 15:05	15:15:23	WaveLength=1524A Code=00 Exp #=17171	Rast=30" x30" Step=0" Pitch=-226", Yaw=+662"
Event # = 7089			
84/05/09, 15:30 Start	DOY=130 Peak	SMM Pointing: N07E44	Pitch=-157", Yaw=+659", Roll=0deg H. Ang=45deg
Optical			
GOES 15:27	15:30	Ha...Class=SN Importance=C1 Peak...c/s=336	Mac.=FKI Carr. Lon.=152deg H. Ang=42deg
HXRBS 15:29:07	15:29:28	Qual=02	MaxkeV=67
BCS 15:29	15:47	Qual=01 Capeak.c/s=93	FePeak.c/s=10 #Peaks=1 XEN=413009
UVSP 15:20	16:05	Qual= 6 Code=00	Rast=30" x30" Step=0" Pitch=-226", Yaw=+662"
Radio Frequency(MHz)/Flux(sfu): 4995/9 8800/13 15400/32			
Event # = 7090			
84/05/09, 15:48 Start	DOY=130 Peak	SMM Pointing: N07E44	Pitch=-157", Yaw=+659", Roll=0deg H. Ang=45deg
Optical			
GOES 15:34	15:48	Ha...Class=1B Importance=C8 Peak...c/s=65	Mac.=FKI Carr. Lon.=140deg H. Ang=55deg
HXRBS 16:06:33	16:06:44	Qual=05 Qual=01	MaxkeV=48
UVSP 16:09	16:08:42	Qual=01	Rast=285" x285" Step=15" Pitch=-218", Yaw=+654"
Radio Sweeps Type/Intensity: I1/1 IV/1			
Radio Frequency(MHz)/Flux(sfu): 245/160 410/100 606/17 1415/19 2695/44 4995/63 8800/40 15400/24			

84/05/10 DOY=131

Event # = 7091
 84/05/10, 02:20 DOY=131 SMM Pointing: S03W00 Pitch=-1", Yaw=-3", Roll=0deg H.Ang=0deg
 Start Peak
 Optical
 GOES 01:05 02:20 03:10 Ha...Class=1F N15E68 Carr. Lon.=119deg H.Ang=70deg
 HXRBS 01:48:56 01:49:33 01:49:56 Importance=C4 Qual=04 MaxkeV=48
 UVSP Peak...c/s=73 Tot Cts=2559
 Associated Event # = 7092
 HXRBS 02:06:53 02:07:50 02:08:16 Peak...c/s=67 Qual=01 Tot Cts=369
 UVSP Pitch=+63", Yaw=+18"
 Pitch=+63", Yaw=+18"

Event # = 7093
 84/05/10, 03:23 DOY=131 SMM Pointing: N07E37 Pitch=-157", Yaw=+569", Roll=0deg H.Ang=38deg
 Start Peak
 Optical
 GOES 03:18 03:23 03:32 Ha...Class=SN N07E39 AR4481 Carr. Lon.=147deg H.Ang=40deg
 HXRBS 03:19:08 03:19:48 03:21:53 Importance=C4 Qual=01 Tot Cts=8503
 BCS 03:19 03:22 03:35 CaPeak...c/s=270 Qual=1 FePeak=03:22
 FCS Peak3...c/s=95
 Radio Frequency(MHz)/Flux(sfu): 2695/39 4995/37 8800/110 15400/110
 MaxkeV=88
 FePeak.c/s=19 #Peaks=1 dt= 3.8s XEN=413100
 Rast=420"x420" Step=10" Cad=1806s 1.024s/pixel

Event # = 20573
 84/05/10, 04:00 DOY=131 SMM Pointing: N07E37 Pitch=-157", Yaw=+569", Roll=0deg H.Ang=38deg
 Start Peak
 Optical
 GOES 03:58 04:00 04:03 Ha...Class=SF N07E39 AR4481 Carr. Lon.=147deg H.Ang=40deg
 HXRBS 06:40:41 06:41:43 06:42:17 Importance=C3 Qual=01 FePeak=03:59
 UVSP Peak...c/s=38 Qual=1
 Radio Frequency(MHz)/Flux(sfu): 8800/19 15400/19
 FePeak.c/s=11 #Peaks=1 dt= 7.7s XEN=413102
 Rast=0"x0" Step=0" Cad=3840s 3840s/pixel

Event # = 7094
 84/05/10, 06:42 DOY=131 SMM Pointing: N07E36 Pitch=-160", Yaw=+549", Roll=0deg H.Ang=37deg
 Start Peak
 Optical
 GOES 06:33 06:42 06:48 Ha...Class=SN N07E37 AR4481 Carr. Lon.=147deg H.Ang=38deg
 HXRBS 06:40:41 06:41:43 06:42:17 Importance=C1 Qual=01 Tot Cts=535
 UVSP Peak...c/s=74 Code=00 Exp #=17177
 Radio Frequency(MHz)/Flux(sfu): 8800/17
 Rast=250"x250" Step=10" Pitch=-216", Yaw=+549"

Event # = 20574
 84/05/10, 09:45 DOY=131 SMM Pointing: N07E33 Pitch=-159", Yaw=+516", Roll=0deg H.Ang=35deg
 Start Peak
 Optical
 GOES 09:42 09:45 09:47 Ha...Class=SF N06E30 AR4481 Carr. Lon.=153deg H.Ang=31deg
 HXRBS 09:44 09:44 09:45 Importance=C1 Qual=5 FePeak=09:44 XEN=413103
 UVSP Peak...c/s=29 Code=00 Exp #=17179
 Radio Frequency(MHz)/Flux(sfu): 8800/17
 Rast=250"x250" Step=10" Pitch=-218", Yaw=+525"

Event # = 7097
 84/05/10, 10:01 DOY=131 SMM Pointing: N07E33 Pitch=-159", Yaw=+516", Roll=0deg H.Ang=35deg
 Start Peak
 GOES 09:56 10:01 10:04 Importance=C1 Qual=01
 HXRBS 09:57:41 09:58:11 09:58:32 Peak...c/s=68
 UVSP 09:40 WaveLength=1524A Code=00 Exp #=17179
 Radio Frequency(MHz)/Flux(sfu): 8800/13
 MaxkeV=48
 Rast=250"x250" Step=10" Pitch=-218", Yaw=+525"

Event # = 20575 84/05/10,10:27	Start	DOY=131 Peak	End times	SMM Pointing:	N07E33		Pitch=-159",Yaw=+516",Roll=0deg	H.Ang=35deg
Optical				Ha...Class=SN	N08E31	AR4481	Mac.=CSO	H.Ang=33deg
GOES	10:19	10:27	10:29	Importance=C2	Qual=02		FePeak.c/s=12	XEN=413104
BGS	10:21	10:22	10:23	CaPeak.c/s=44	Qual=2	FePeak=10:22	Rast=180"x180"	Step=10" Cad= 332s
FCS		10:22		Peak3...c/s=48	Code=01	Exp #=17179	Rast=250"x250"	Pitch=-218",Yaw=+525"
UVSP	09:40			Wavelength=1524A				
Event # = 20576 84/05/10,11:36	Start	DOY=131 Peak	End times	SMM Pointing:	N07E33		Pitch=-163",Yaw=+514",Roll=0deg	H.Ang=35deg
GOES	11:34	11:36	11:42	Importance=C1	Qual=01		FePeak.c/s=9	XEN=413105
BGS	11:36	11:36	11:36	CaPeak.c/s=18	Qual=1	FePeak=11:36	Rast=250"x250"	Step=10" Pitch=-218",Yaw=+514"
UVSP	11:17			Wavelength=1524A	Code=00	Exp #=17180		
Event # = 20577 84/05/10,11:56	Start	DOY=131 Peak	End times	SMM Pointing:	N07E33		Pitch=-163",Yaw=+514",Roll=0deg	H.Ang=35deg
Optical				Ha...Class=SF	N07E28	AR4481	Mac.=FKI	H.Ang=30deg
GOES	11:52	11:56	11:59	Importance=C1	Qual=03		FePeak.c/s=7	dt= 7.7s XEN=413106
BGS	11:54	11:55	11:57	CaPeak.c/s=22	Qual=3	FePeak=11:55	Rast=180"x180"	Cad= 332s 1.024s/pixel
FCS		11:54		Peak3...c/s=95	Code=00	Exp #=17180	Rast=250"x250"	Step=10" Pitch=-218",Yaw=+514"
UVSP	11:17			Wavelength=1524A				
Event # = 20578 84/05/10,12:37	Start	DOY=131 Peak	End times	SMM Pointing:	N07E32		Pitch=-163",Yaw=+494",Roll=0deg	H.Ang=33deg
GOES	12:36	12:37	12:38	Importance=C1	Qual=03		FePeak.c/s=9	XEN=413107
BGS	12:37	12:37	12:37	CaPeak.c/s=24	Qual=1	FePeak=12:37	Rast=180"x180"	Step=10" Cad= 332s 1.024s/pixel
FCS		12:37		Peak3...c/s=46	Code=00	Exp #=17181	Rast=250"x250"	Step=10" Pitch=-219",Yaw=+501"
UVSP	12:49			Wavelength=1524A				
Event # = 7098 84/05/10,13:02	Start	DOY=131 Peak	End times	SMM Pointing:	N07E32		Pitch=-163",Yaw=+494",Roll=0deg	H.Ang=33deg
GOES	13:00	13:02	13:04	Importance=B9	Qual=01		MaxkeV=48	
HXRBS	13:01:50	13:02:25	13:03:02	Peak...c/s=75	Qual=01	Exp #=17181	Rast=250"x250"	Step=10" Pitch=-219",Yaw=+501"
UVSP	12:49			Wavelength=1524A	Code=00			
Event # = 7099 84/05/10,13:10	Start	DOY=131 Peak	End times	SMM Pointing:	N07E32		Pitch=-163",Yaw=+494",Roll=0deg	H.Ang=33deg
GOES	13:07	13:10	13:15	Importance=C1	Qual=01		MaxkeV=48	
HXRBS	13:08:14	13:08:45	13:09:15	Peak...c/s=72	Qual=01	FePeak=13:08	Rast=300"x300"	Step=10" Cad= 922s XEN=413108
BGS	13:08	13:08	13:09	CaPeak.c/s=20	Qual=1	Exp #=17181	Rast=250"x250"	Step=10" Pitch=-219",Yaw=+501"
FCS		13:09		Peak3...c/s=18	Code=00			
UVSP	12:49			Wavelength=1524A				

Event # = 20579			DOY=131		N07E32		Pitch=-163" , Yaw=+494" , Roll=0deg		H.Ang=33deg	
84/05/10,13:28	Start	End times	Peak		SMM Pointing:		Mac.=CS0		Carr. Lon.=249deg	
Optical			13:28		Ha...Class=SN		FePeak.c/s=6		#Peaks=1	
GOES	13:26	13:29	13:27		Importance=C1		Rast=180"x180"		Step=10"	
BCS	13:27	13:28	13:27		CaPeak.c/s=19		Cad= 332s		XEN=413109	
FCS	13:27		13:27		Peak3...c/s=47		Step=10"		1.024s/pixel	
UVSP	12:49				WaveLength=1524A		Step=10"		Yaw=+501"	
Event # = 7100			DOY=131		N07E30		Pitch=-159" , Yaw=+476" , Roll=0deg		H.Ang=32deg	
84/05/10,14:22	Start	End times	Peak		SMM Pointing:		Mac.=CS0		Carr. Lon.=249deg	
Optical			14:22		Ha...Class=SF		MaxkeV=48		H.Ang=69deg	
GOES	14:20	14:25	14:22		Importance=C1		Rast=250"x250"		Step=10"	
HXRBS	14:22:06	14:22:35	14:22:35		Peak...c/s=61		Step=10"		Pitch=-217" , Yaw=+485"	
UVSP	14:10				WaveLength=1524A		Exp #=17182			
Event # = 7101			DOY=131		N07E30		Pitch=-159" , Yaw=+476" , Roll=0deg		H.Ang=32deg	
84/05/10,15:00	Start	End times	Peak		SMM Pointing:		Mac.=FKI		Carr. Lon.=153deg	
Optical			15:00		Ha...Class=SN		MaxkeV=48		H.Ang=28deg	
GOES	14:57	15:03	15:00		Importance=C1		FePeak.c/s=10		XEN=413110	
HXRBS	14:59:33	15:00:51	15:01		Peak...c/s=64		Rast=180"x180"		Cad= 332s	
BCS	15:00	15:03	15:01		CaPeak.c/s=25		Step=10"		Pitch=-217" , Yaw=+485"	
FCS	15:00		15:00		Peak3...c/s=26		Step=10"			
UVSP	14:10				WaveLength=1524A		Exp #=17182			
Radio	Frequency(MHz)/Flux(sfu):		4995/10 8800/17							
Event # = 7102			DOY=131		N07E30		Pitch=-157" , Yaw=+475" , Roll=0deg		H.Ang=32deg	
84/05/10,15:54	Start	End times	Peak		SMM Pointing:		Mac.=FKI		Carr. Lon.=150deg	
Optical			15:54		Ha...Class=LB		MaxkeV=48		H.Ang=31deg	
GOES	15:35	16:02	15:52:22		Importance=C4		Rast=180"x180"		H.Ang=71deg	
HXRBS	15:50:11	15:55:17	15:53		Peak...c/s=145		Step=10"			
BCS	15:43	15:59	15:46		CaPeak.c/s=144		Step=10"			
FCS	15:46		15:46		Peak3...c/s=80		Step=10"			
Radio	Frequency(MHz)/Flux(sfu):		2695/7 4995/9 8800/29 15400/19				dt= 7.7s		XEN=413111	
Event # = 7306			DOY=131		N07E30		Pitch=-157" , Yaw=+475" , Roll=0deg		H.Ang=32deg	
84/05/10,17:25	Start	End times	Peak		SMM Pointing:		Mac.=FKI		Carr. Lon.=157deg	
Optical			17:25		Ha...Class=2B		MaxkeV=48		H.Ang=22deg	
GOES	17:19	18:00	17:22:22		Importance=SF		Rast=180"x180"		H.Ang=14deg	
HXRBS	17:20:40	17:39:08	17:25		Peak...c/s=13460		Step=10"			
Radio	Frequency(MHz)/Flux(sfu):		1415/28 2695/280 4995/280 8800/690 15400/640				dt= 7.7s		XEN=413111	
HXRBS	17:50:33	17:53:55	17:51:28		Associated Event # = 7103		Step=10"		Pitch=-217" , Yaw=+485"	
					Peak...c/s=5739		Step=10"			
Event # = 7104			DOY=131		N07E31		Pitch=-156" , Yaw=+486" , Roll=0deg		H.Ang=32deg	
84/05/10,20:52	Start	End times	Peak		SMM Pointing:		Mac.=FKI		Carr. Lon.=149deg	
Optical			20:52		Ha...Class=SN		MaxkeV=48		H.Ang=29deg	
GOES	20:50	20:54	20:51:38		Importance=B8		Step=10"			
HXRBS	20:51:22	20:52:08	20:51:38		Peak...c/s=58		Step=10"			

Event # = 7105	DOY=132	SMM Pointing:	Pitch=-161", Yaw=+368", Roll=0deg	H. Ang=25deg
84/05/11, 04:35	Peak			
Start				
GOES				
HXRBS	04:35:30	04:35:43	04:36:13	04:36:57
		Peak...c/s=86	Tot Cts=547	MaxkeV=67
Qual=00				
Qual=01				
Event # = 20580	DOY=132	SMM Pointing:	Pitch=-161", Yaw=+340", Roll=0deg	H. Ang=23deg
84/05/11, 07:32	Peak			
Start				
Optical				
GOES	07:25	07:32	07:45	07:56
BCS	07:42	07:42	07:56	07:56
FCS	07:48	07:48	07:56	07:56
Radio	Frequency(MHz)/Flux(sfu):	2695/62	4995/77	8800/71 15400/56
Event # = 20581	DOY=132	SMM Pointing:	Pitch=-161", Yaw=+340", Roll=0deg	H. Ang=23deg
84/05/11, 08:29	Peak			
Start				
Optical				
GOES	08:21	08:29	08:34	08:25
BCS	08:23	08:25	08:25	08:25
FCS	08:24	08:24	08:25	08:24
Event # = 20582	DOY=132	SMM Pointing:	Pitch=-161", Yaw=+327", Roll=0deg	H. Ang=23deg
84/05/11, 09:39	Peak			
Start				
Optical				
GOES	09:20	09:39	09:48	09:44
BCS	09:31	09:38	09:44	09:44
FCS	09:32	09:32	09:44	09:32
Event # = 7110	DOY=132	SMM Pointing:	Pitch=+945", Yaw=+2", Roll=0deg	H. Ang=83deg
84/05/11, 15:26	Peak			
Start				
Optical				
GOES	15:13	15:26	15:28	15:28
HXRBS	15:24:24	15:25:13	15:27:27	15:27:27
UVSP	15:23	15:23	15:27:27	15:27:27
Radio	Frequency(MHz)/Flux(sfu):	8800/87	15400/55	8800/87 15400/55
HXRBS	15:23:12	15:23:22	15:24:02	15:24:02
Radio	Frequency(MHz)/Flux(sfu):	8800/87	15400/55	8800/87 15400/55
Event # = 7111	DOY=132	SMM Pointing:	Pitch=-132", Yaw=+181", Roll=0deg	H. Ang=14deg
84/05/11, 20:41	Peak			
Start				
Optical				
GOES	20:31	20:41	21:00	21:00
HXRBS	20:34:22	20:35:03	20:45:03	20:45:03
BCS	20:34	20:38	21:01	21:01
FCS	20:37	20:37	21:01	21:01
Radio	Frequency(MHz)/Flux(sfu):	2695/15	4995/25	8800/31 15400/30
HXRBS	20:50:37	20:50:56	20:53:22	20:53:22

Event # = 7113
 84/05/12 00:05 DOY=133 Peak
 Start End times
 Optical SMM Pointing: N05E09 Pitch=-132", Yaw=+148", Roll=0deg H.Ang=12deg
 GOES 00:02 00:05 00:09 Ha...Class=SN N07E15 AR4481 Mac.=FKI Carr. Lon.=146deg H.Ang=18deg
 HXRBS 00:04:31 00:04:53 00:05:13 Importance=89 Qual=01 MaxkeV=48
 Radio Frequency(MHz)/Flux(sfu): 8800/33 15400/9 Tot Cts=4419

Event # = 7114
 84/05/12 03:16 DOY=133 Peak
 Start End times
 Optical SMM Pointing: N05E08 Pitch=-132", Yaw=+125", Roll=0deg H.Ang=11deg
 GOES 03:13 03:16 03:20 Ha...Class=SF N07E14 AR4481 Mac.=FKI Carr. Lon.=146deg H.Ang=17deg
 HXRBS 03:16:35 03:16:51 03:17:02 Importance=86 Qual=01 MaxkeV=48
 Radio Sweeps Type/Intensity: III/I
 Radio Frequency(MHz)/Flux(sfu): 8800/21

Event # = 7115
 84/05/12 04:15 DOY=133 Peak
 Start End times
 Optical SMM Pointing: N05E07 Pitch=-133", Yaw=+111", Roll=0deg H.Ang=10deg
 GOES 04:13 04:15 04:17 Importance=87 Qual=01
 HXRBS 04:14:25 04:14:47 04:15:04 Peak...c/s=74 MaxkeV=48

Event # = 7116
 84/05/12 04:46 DOY=133 Peak
 Start End times
 Optical SMM Pointing: N05E07 Pitch=-133", Yaw=+111", Roll=0deg H.Ang=10deg
 GOES 04:43 04:46 04:48 Importance=87 Qual=01
 HXRBS 04:44:20 04:44:38 04:44:53 Peak...c/s=72 MaxkeV=48
 Radio Frequency(MHz)/Flux(sfu): 8800/22

Event # = 7119
 84/05/12 05:38 DOY=133 Peak
 Start End times
 Optical SMM Pointing: N05E06 Pitch=-132", Yaw=+96", Roll=0deg H.Ang=10deg
 GOES 05:28 05:38 05:53 Ha...Class=IB N02W02 AR4481 Mac.=FKI Carr. Lon.=160deg H.Ang=5deg
 HXRBS 05:49:17 05:49:44 05:50:06 Importance=M1 Qual=05
 BCS 05:39 05:39 05:58 CaPeak.c/s=575 Qual=5 FePeak=05:39 XEN=413300
 FCS 05:39 05:39 Peak3...c/s=457 2695/140 4995/230 8800/120 15400/42 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel
 Radio Frequency(MHz)/Flux(sfu): 2695/140 4995/230 8800/120 15400/42 Associated Event # = 7117
 HXRBS 05:40:36 05:41:04 05:41:41 Peak...c/s=69 Qual=01 MaxkeV=48
 HXRBS 05:42:14 05:42:22 05:43:00 Peak...c/s=71 Associated Event # = 7118 MaxkeV=48

Event # = 7120
 84/05/12 09:10 DOY=133 Peak
 Start End times
 Optical SMM Pointing: N05E04 Pitch=-132", Yaw=+64", Roll=0deg H.Ang=9deg
 GOES 09:00 09:10 09:15 Ha...Class=SN N04W01 AR4481 Mac.=FKI Carr. Lon.=157deg H.Ang=7deg
 HXRBS 09:00:49 09:01:27 09:02:28 Importance=89 Qual=01
 Radio Frequency(MHz)/Flux(sfu): 2695/38 4995/12 Peak...c/s=96 MaxkeV=48

Event # = 7121	DOY=133	SMM Pointing:	N05E01	Pitch=-132", Yaw=-9", Roll=0deg	H. Ang=8deg
84/05/12, 15:46	Peak	Ha...Class=SF	N04W04	Mac.=FKI	H. Ang=8deg
Optical	End times	Importance=89	Qual=01	Carr. Lon.=157deg	
GOES 15:35	15:51	Peak...c/s=74	Qual=01	MaxkeV=48	
HXRBS 15:38:00	15:38:41	Wavelength=1524A	Code=02	Rast=30"x30"	Pitch=-234", Yaw=-49"
UVSP 15:46				Step=0"	
Exp # = 17207					
Event # = 7123	DOY=133	SMM Pointing:	N13W48	Pitch=-245", Yaw=-689", Roll=0deg	H. Ang=50deg
84/05/12, 16:56	Peak	Ha...Class=SN	N06W00	Mac.=FKI	H. Ang=9deg
Optical	End times	Importance=C1	Qual=01	Carr. Lon.=152deg	
GOES 16:53	16:59	Peak...c/s=89	Qual=01	MaxkeV=48	
HXRBS 16:55:53	16:56:47	Wavelength=1524A	Code=00	Rast=250"x250"	Pitch=-317", Yaw=-685"
UVSP 16:34				Step=10"	
Exp # = 7122				MaxkeV=48	
Associated					
Qual=01					
Event # = 7124	DOY=133	SMM Pointing:	N05W03	Pitch=-130", Yaw=-52", Roll=0deg	H. Ang=8deg
84/05/12, 22:06	Peak	Ha...Class=SF	Qual=00	Mac.=FKI	
Optical	End times	Importance=C2	Qual=01	Carr. Lon.=158deg	
GOES 22:06:00	22:06:29	Peak...c/s=66	Qual=01	MaxkeV=48	
HXRBS 22:06:00	22:06:07	Wavelength=1524A		Rast=30"x30"	Pitch=-232", Yaw=-7"
UVSP 22:03				Step=0"	
Exp # = 17232					
Event # = 7126	DOY=133	SMM Pointing:	N05W04	Pitch=-130", Yaw=-63", Roll=0deg	H. Ang=9deg
84/05/12, 23:20	Peak	Ha...Class=SF	N04W09	Mac.=FKI	H. Ang=11deg
Optical	End times	Importance=C2	Qual=01	Carr. Lon.=158deg	
GOES 23:02	23:35	Peak...c/s=129	Qual=01	MaxkeV=48	
HXRBS 23:04:39	23:13:45	Wavelength=1524A	Code=00	Rast=30"x30"	Pitch=-97", Yaw=-27"
UVSP 23:07				Step=0"	
Radio Frequency(MHz)/Flux(sfu):	245/180				
Associated					
Event # = 7125	DOY=134	SMM Pointing:	N05W05	Pitch=-131", Yaw=-78", Roll=0deg	H. Ang=9deg
84/05/13, 00:43	Peak	Ha...Class=SB	N04W09	Mac.=FKI	H. Ang=11deg
Optical	End times	Importance=C1	Qual=01	Carr. Lon.=157deg	
GOES 00:39	00:49	Peak...c/s=163	Qual=01	MaxkeV=67	XEN=413400
HXRBS 00:39:49	00:41:31	CaPeak.c/s=20	Qual=1	Rast=300"x300"	Cad= 922s
BCS 00:41	00:44	Peak3..c/s=32	Code=00	Step=10"	Pitch=-112", Yaw=-13"
FCS 00:43		Wavelength=1524A		Step=0"	
UVSP 00:42					
Exp # = 17244					
Event # = 20583	DOY=134	SMM Pointing:	N05W06	Pitch=-132", Yaw=-106", Roll=0deg	H. Ang=10deg
84/05/13, 04:09	Peak	Ha...Class=SN	N09W01	Mac.=FKI	H. Ang=12deg
Optical	End times	Importance=C1	Qual=01	Carr. Lon.=147deg	
GOES 03:56	04:12	Peak...c/s=26	Qual=1	FePeak.c/s=8	XEN=413401
HXRBS 04:07	04:10	CaPeak.c/s=13	Code=00	Rast=0"x0"	dt= 7.7s
BCS 04:08		Peak3..c/s=13		Step=0"	Cad=3840s
FCS 04:08		Wavelength=1524A		Step=0"	Pitch=-112", Yaw=-18"
UVSP 04:05					
Exp # = 17262					

Event # = 7128						Pitch=-130" ,Yaw=-164" ,Roll=0deg		H.Ang=13deg	
84/05/13,10:18	DOY=134	SMM Pointing:	N05W10						
Start	Peak	End times							
GOES 10:13	10:18	10:29	Importance=C1						
HXRBS 10:12:57	10:13:30	10:14:13	Peak...c/s=98						
Radio	Frequency(MHz)/Flux(sfu):		4995/22 8800/40						
MaxkeV=48									
<hr/>									
Event # = 7129						Pitch=-129" ,Yaw=-178" ,Roll=0deg		H.Ang=13deg	
84/05/13,11:45	DOY=134	SMM Pointing:	N05W11						
Start	Peak	End times							
Optical									
GOES 11:41	11:45	11:50	Ha...Class=SF						
HXRBS 11:42:57	11:43:04	11:43:30	Importance=B8						
			Peak...c/s=93						
AR4481									
MaxkeV=48									
<hr/>									
Event # = 7130						Pitch=-129" ,Yaw=-201" ,Roll=0deg		H.Ang=15deg	
84/05/13,14:37	DOY=134	SMM Pointing:	N05W12						
Start	Peak	End times							
Optical									
GOES 14:33	14:37	14:44	Ha...Class=SN						
HXRBS 14:42:06	14:43:07	14:43:49	Importance=C1						
			Peak...c/s=79						
UVSP 14:36			Wavelength=1524A	Code=00		Step=0"		Pitch=-246" ,Yaw=-144"	
AR4481									
Tot Cts=333									
Exp #=17298									
<hr/>									
Event # = 20584						Pitch=-129" ,Yaw=-211" ,Roll=0deg		H.Ang=15deg	
84/05/13,15:04	DOY=134	SMM Pointing:	N05W13						
Start	Peak	End times							
Optical									
GOES 14:53	15:04	15:08	Ha...Class=SF						
BGS 14:56	15:02	15:08	Importance=C1						
			CaPeak.c/s=34						
			Peak3...c/s=57						
UVSP 14:51			Wavelength=1524A	Code=00		Exp #=17300			
AR4481									
FePeak_c/s=11									
Rast=300"x300"									
dt= 7.7s									
XEN=413402									
Cad= 922s									
1.024s/pixel									
Pitch=-141" ,Yaw=-101"									
<hr/>									
Event # = 7132						Pitch=-127" ,Yaw=-234" ,Roll=0deg		H.Ang=16deg	
84/05/13,17:55	DOY=134	SMM Pointing:	N05W14						
Start	Peak	End times							
Optical									
GOES 17:46	17:55	18:02	Ha...Class=SF						
HXRBS 17:55:38	17:55:53	17:57:05	Importance=C1						
BGS 17:49	17:55	18:05	Peak...c/s=89						
FCS 17:45	17:53		CaPeak.c/s=40						
			Peak3...c/s=84						
UVSP 17:45			Wavelength=1524A	Code=00		Exp #=17307			
Associated									
Event # = 7131									
Tot Cts=948									
MaxkeV=48									
<hr/>									
Event # = 7133						Pitch=-127" ,Yaw=-234" ,Roll=0deg		H.Ang=16deg	
84/05/13,18:34	DOY=134	SMM Pointing:	N05W14						
Start	Peak	End times							
Optical									
GOES 18:31	18:34	18:37	Importance=B9						
HXRBS 18:32:48	18:33:42	18:35:27	Peak...c/s=79						
UVSP 18:31			Wavelength=1524A	Code=00		Exp #=17313			
Tot Cts=695									
Exp #=17313									
MaxkeV=48									
Rast=30"x30"									
Step=0"									
Pitch=-229" ,Yaw=-178"									
<hr/>									
Event # = 7134						Pitch=-127" ,Yaw=-263" ,Roll=0deg		H.Ang=18deg	
84/05/13,21:15	DOY=134	SMM Pointing:	N05W16						
Start	Peak	End times							
Optical									
GOES 21:13	21:15	21:18	Importance=B7						
HXRBS 21:14:18	21:14:44	21:15:11	Peak...c/s=75						
UVSP 21:10			Wavelength=1524A	Code=00		Exp #=17325			
Tot Cts=269									
Exp #=17325									
MaxkeV=48									
Rast=30"x30"									
Step=0"									
Pitch=-139" ,Yaw=-157"									

84/05/14 DOY=135

Event # = 7135
 84/05/14, 15:45 Start DOY=135 Peak
 SMM Pointing: S03W00 H. Ang=0deg
 Pitch=+0", Yaw=-1", Roll=0deg
 MaxkeV=48
 Rast=285"x285" Step=15" Pitch=-320", Yaw=+99"
 UVSP 15:46
 HXRBS 15:45:13 15:46:29 15:46:29 15:46:29
 Peak...c/s=60
 Wavelength=1524A
 Exp # = 17362
 Qual=00
 Qual=01

Event # = 7137
 84/05/14, 18:17 Start DOY=135 Peak
 SMM Pointing: N05W28 H. Ang=29deg
 Pitch=-122", Yaw=-440", Roll=0deg
 Mac.=FKI Carr. Lon.=157deg
 H. Ang=33deg
 Optical 17:57 18:17 18:35 18:35
 Ha...Class=1B
 Importance=C3
 Qual=03
 AR4481
 GOES 18:13:00 18:13:22 18:15:46 18:15:46
 HXRBS 18:01 18:16 18:17 18:17
 BCS 18:01 18:16 18:17 18:17
 CaPeak.c/s=73
 Peak...c/s=116
 #Peaks=3 dt= 3.8s XEN=413504
 FCS 17:45 18:03
 Peak3...c/s=28
 UVSP 17:45 18:03
 Wavelength=1524A Code=01 Exp # = 17370
 Associated Event # = 7136
 Qual=01 Tot Cts=709
 FePeak=18:16
 Rast=250"x250" Step=10" Pitch=-179", Yaw=-452"
 MaxkeV=48

Event # = 20585
 84/05/14, 20:59 Start DOY=135 Peak
 SMM Pointing: N05W29 H. Ang=30deg
 Pitch=-122", Yaw=-461", Roll=0deg
 Mac.=FKI Carr. Lon.=145deg
 H. Ang=23deg
 Optical 20:51 20:59 21:06 21:06
 Ha...Class=SF
 Importance=B8
 Qual=01
 AR4481
 GOES 20:53 20:57 21:01 21:01
 BCS 20:53 20:57 21:01 21:01
 CaPeak.c/s=25
 Peak3...c/s=22
 #Peaks=1 XEN=413500
 FCS 20:54
 Wavelength=1524A Code=00 Exp # = 17382
 Qual=01 Tot Cts=609
 FePeak=21:01
 Rast=180"x180" Step=10" Cad= 332s
 Rast=30"x30" Pitch=-118", Yaw=-386"

Event # = 7138
 84/05/14, 22:22 Start DOY=135 Peak
 SMM Pointing: N05W30 H. Ang=31deg
 Pitch=-121", Yaw=-475", Roll=0deg
 Mac.=FKI Carr. Lon.=154deg
 H. Ang=32deg
 Optical 22:12 22:22 22:29 22:29
 Ha...Class=SB
 Importance=C3
 Qual=01
 AR4481
 GOES 22:14:17 22:15:33 22:23:05 22:23:05
 HXRBS 22:15 22:21 22:39 22:39
 BCS 22:15 22:21 22:39 22:39
 CaPeak.c/s=184
 Peak3...c/s=568
 #Peaks=1 dt= 3.8s XEN=413503
 FCS 22:21 22:29
 Wavelength=1524A Code=00 Exp # = 17390
 Qual=01 Tot Cts=9510
 FePeak=22:21
 Rast=300"x300" Step=10" Cad= 922s
 Rast=30"x30" Pitch=-147", Yaw=-399"

84/05/15 DOY=136

Event # = 20586
 84/05/15, 00:07 Start DOY=136 Peak
 SMM Pointing: N05W31 H. Ang=32deg
 Pitch=-121", Yaw=-487", Roll=0deg
 Mac.=FKI Carr. Lon.=156deg
 H. Ang=38deg
 Optical 00:03 00:07 00:13 00:13
 Ha...Class=2N
 Importance=C1
 Qual=01
 AR4481
 GOES 00:05 00:08 00:10 00:10
 BCS 00:05 00:08 00:10 00:10
 CaPeak.c/s=25
 Peak3...c/s=141
 #Peaks=1 dt= 7.7s XEN=413600
 UVSP 23:55
 Wavelength=1524A Code=00 Exp # = 17398
 Qual=01 Tot Cts=709
 FePeak=00:08
 Rast=30"x30" Pitch=-102", Yaw=-411"

Event # = 20587
 84/05/15, 04:58 Start DOY=136 Peak
 SMM Pointing: N05W34 H. Ang=35deg
 Pitch=-120", Yaw=-529", Roll=0deg
 Mac.=FKI Carr. Lon.=156deg
 H. Ang=38deg
 Optical 04:48 04:58 05:13 05:13
 Ha...Class=C4
 Importance=C4
 Qual=01
 AR4481
 GOES 04:55 04:58 05:00 05:00
 BCS 04:55 04:58 05:00 05:00
 CaPeak.c/s=141
 #Peaks=1 dt= 3.8s XEN=413602

Event # = 7140																			
84/05/15, 09:34	DOY=136	SMM Pointing:	N05W36	Pitch=-118"	Yaw=-561"	Roll=0deg	H. Ang=37deg												
Start	Peak	Importance=86	Qual=01																
GOES 09:32	09:34	Peak...c/s=65																	
HXRBS 09:33:14	09:33:40		Tot Cts=401	MaxkeV=48															
84/05/16																			
DOY=137																			
Event # = 20588																			
84/05/16, 00:44	DOY=137	SMM Pointing:	S02W00	Pitch=-1"	Yaw=+0"	Roll=4deg	H. Ang=0deg												
Start	Peak	Ha...Class=SN		Mac.=FKI	Carr. Lon.=153deg														
GOES 00:32	00:44	Importance=C2	Qual=05																
BCS 00:49	00:49	CaPeak.c/s=28	Qual=5	FePeak.c/s=8	#Peaks=1														
FCS 00:50	00:50	Peak3..c/s=25		Rast=0"x0"	Step=0"	Cad=3840s	XEN=413700												
UVSP 01:24		Wave length=1524A	Exp # = 17458	Rast=285"x285"	Step=15"	Pitch=-176"	Yaw=-677"												
84/05/17																			
DOY=138																			
Event # = 7141																			
84/05/16, 12:10	DOY=137	SMM Pointing:	N05W51	Pitch=-109"	Yaw=-735"	Roll=0deg	H. Ang=51deg												
Start	Peak	Ha...Class=SB		Mac.=FKI	Carr. Lon.=154deg														
GOES 12:07	12:10	Importance=C1	Qual=05																
HXRBS 12:09:17	12:10:05	Peak...c/s=67	Qual=01	MaxkeV=48															
UVSP 11:51		Wave length=1524A	Code=00	Rast=250"x250"	Step=10"	Pitch=-181"	Yaw=-732"												
84/05/17																			
DOY=138																			
Event # = 20589																			
84/05/17, 05:58	DOY=138	SMM Pointing:	N05W61	Pitch=-102"	Yaw=-829"	Roll=0deg	H. Ang=62deg												
Start	Peak	Importance=C1	Qual=01																
GOES 05:48	05:58	CaPeak.c/s=26	Qual=1	FePeak=05:50															
BCS 05:50	05:51	Peak3..c/s=126																	
FCS 05:51	05:51	Wave length=3091A	Code=01	Exp # = 17503															
UVSP 05:10		Frequency(MHz)/Flux(sfu):	8800/50																
84/05/17																			
DOY=138																			
Event # = 8314																			
84/05/17, 13:35	DOY=138	SMM Pointing:	N05W65	Pitch=-99"	Yaw=-860"	Roll=0deg	H. Ang=66deg												
Start	Peak	Importance=C1	Qual=00																
GOES 13:34:56	13:35:00	Peak...c/s=95	Qual=01	MaxkeV=67		Flags=I													
HXRBS 13:34:56	13:35:08		Tot Cts=687																
84/05/17																			
DOY=138																			
Event # = 8315																			
84/05/17, 13:53	DOY=138	SMM Pointing:	N05W65	Pitch=-99"	Yaw=-860"	Roll=0deg	H. Ang=66deg												
Start	Peak	Importance=C2	Qual=02																
GOES 13:42	13:53	Peak...c/s=113	Qual=01	MaxkeV=67		Flags=I													
HXRBS 13:42:10	13:43:25	Wave length=1524A	Tot Cts=4690	Rast=250"x250"	Step=10"	Pitch=-171"	Yaw=-861"												
UVSP 14:38		Associated	Exp # = 17506																
HXRBS 13:52:37	13:54:10	Peak...c/s=69	Tot Cts=10598	MaxkeV=67		Flags=I													
84/05/17																			
DOY=138																			
Event # = 7143																			
84/05/17, 14:46	DOY=138	SMM Pointing:	N05W65	Pitch=-99"	Yaw=-860"	Roll=0deg	H. Ang=66deg												
Start	Peak	Ha...Class=SN	Qual=01	Mac.=FKO	Carr. Lon.=147deg														
GOES 14:38	14:46	Importance=C2	Qual=01	MaxkeV=67															
HXRBS 14:40:58	14:41:17	Peak...c/s=203	Qual=01	Rast=250"x250"	Step=10"	Pitch=-171"	Yaw=-861"												
UVSP 14:38		Wave length=1524A	Code=00	Exp # = 17506															

Event # = 7144	DOY=138		SMM Pointing:	N05W65		Pitch=-99", Yaw=-860", Roll=0deg	H. Ang=66deg
84/05/17, 15:32	Peak	End times					
Optical			Ha...Class=SN	N05W60	AR4481	Mac.=FKO Carr. Lon.=147deg	H. Ang=60deg
GOES	15:32	15:36	Importance=C2	Qual=03			
GOES	15:28:15	15:29:48	Peak...c/s=78	Qual=01			
UVSP	14:38	15:30:24	WaveLength=1524A	Code=00	Exp #=17506	Step=10" Pitch=-171", Yaw=-861"	
Event # = 7145	DOY=138		SMM Pointing:	N05W67		Pitch=-98", Yaw=-870", Roll=0deg	H. Ang=67deg
84/05/17, 16:56	Peak	End times					
GOES	16:53	16:58	Importance=C1	Qual=01			
GOES	16:56:55	16:57:04	Peak...c/s=68	Qual=01			
UVSP	16:12	16:57:09	WaveLength=1524A	Code=00	Exp #=17507	Step=10" Pitch=-170", Yaw=-867"	
Event # = 7146	DOY=138		SMM Pointing:	S15E89		Pitch=+244", Yaw=+918", Roll=0deg	H. Ang=88deg
84/05/17, 17:49	Peak	End times					
Optical			Ha...Class=SF	S12E87	AR4492	Mac.=EAO Carr. Lon.=359deg	H. Ang=87deg
GOES	17:46	17:51	Importance=C1	Qual=01			
GOES	17:49:52	17:50:11	Peak...c/s=99	Qual=01			
UVSP	17:46	17:50:53	WaveLength=1526A	Code=00	Exp #=17508	Step=10" Pitch=+173", Yaw=+920"	
Event # = 7147	DOY=138		SMM Pointing:	S15E89		Pitch=+244", Yaw=+918", Roll=0deg	H. Ang=88deg
84/05/17, 18:20	Peak	End times					
Optical			Ha...Class=SF	S12E88	AR4492	Mac.=EAO Carr. Lon.=357deg	H. Ang=88deg
Optical			Code=EPL	S16W90		Carr. Lon.=175deg	H. Ang=89deg
GOES	18:17	18:23	Importance=C2	Qual=01			
GOES	18:19:43	18:20:33	Peak...c/s=147	Qual=01	Tot Cts=1863		
UVSP	17:46	18:21:03	WaveLength=1526A	Code=00	Exp #=17508	Step=10" Pitch=+173", Yaw=+920"	
Event # = 7148	DOY=138		SMM Pointing:	S15E89		Pitch=+244", Yaw=+918", Roll=0deg	H. Ang=88deg
84/05/17, 18:26	Peak	End times					
GOES	18:23	18:30	Importance=C2	Qual=01			
GOES	18:24:25	18:24:45	Peak...c/s=106	Qual=01	Tot Cts=839		
UVSP	17:46	18:25:22	WaveLength=1526A	Code=00	Exp #=17508	Step=10" Pitch=+173", Yaw=+920"	
UVSP	17:46		Associated Event # = 7149				
GOES	18:26:24	18:26:59	Peak...c/s=70	Qual=01			
Event # = 7150	DOY=138		SMM Pointing:	S15E89		Pitch=+244", Yaw=+918", Roll=0deg	H. Ang=88deg
84/05/17, 18:40	Peak	End times					
GOES	18:35	18:49	Importance=C3	Qual=03			
GOES	18:36:52	18:37:47	Peak...c/s=207	Qual=01	Tot Cts=8134		
UVSP	17:46	18:39:11	WaveLength=1526A	Code=00	Exp #=17508	Step=10" Pitch=+173", Yaw=+920"	
Radio		Frequency(MHz)/Flux(sfu):	4995/11	8800/22	15400/13		
Event # = 7151	DOY=138		SMM Pointing:	S15E89		Pitch=+244", Yaw=+918", Roll=0deg	H. Ang=88deg
84/05/17, 21:18	Peak	End times					
GOES	21:15	21:22	Importance=C1	Qual=01			
GOES	21:16:43	21:17:02	Peak...c/s=1074	Qual=01	Tot Cts=14179	Flags=FS	
UVSP	17:46	21:21:25	WaveLength=1526A	Code=00	Exp #=17508	Step=10" Pitch=+173", Yaw=+920"	
Radio		Frequency(MHz)/Flux(sfu):	606/18	1415/15	2695/15	4995/37	8800/67

Event # = 20590		84/05/18		DOY=139	
84/05/18, 02:28	DOY=139	Start	Peak		
Optical		SMM Pointing:	N02W74	Pitch=-48", Yaw=-912", Roll=0deg	H. Ang=74deg
GOES 01:58	02:28	Code=LPS	S11E90	Mac.=EAO	Carr. Lon.=351deg
BGS 02:00	02:02	Importance=M1	Qual=03	FePeak.c/s=32	#Peaks=1 dt= 3.8s
UVSP 02:00	02:02	CaPeak.c/s=65	Qual= 6	Rast=250"x250"	Step=10" Pitch=-116", Yaw=-945"
		Wavelength=1524A		Exp #=17510	
Event # = 8317					
84/05/18, 04:04	DOY=139	Start	Peak		
Optical		SMM Pointing:	N02W74	Pitch=-48", Yaw=-912", Roll=0deg	H. Ang=74deg
GOES 04:02	04:04	Ha...Class=5F	N06W72	Mac.=EKO	Carr. Lon.=152deg
HXRBS 04:02:17	04:02:31	Importance=C2	Qual=01	MaxkeV=48	Flags=I
BGS 04:03	04:04	Peak...c/s=96	Qual=01	FePeak.c/s=6	#Peaks=1 dt= 7.7s
FCS 04:04	04:04	CaPeak.c/s=19	Qual= 1	Rast=0"x0"	Step=0" Cad=3840s
UVSP 04:47	04:04	Peak3...c/s=27		Rast=285"x285"	Step=15" Pitch=-108", Yaw=-917"
		Wavelength=1524A		Exp #=17515	
Event # = 8318					
84/05/18, 05:33	DOY=139	Start	Peak		
Optical		SMM Pointing:	N02W74	Pitch=-48", Yaw=-912", Roll=0deg	H. Ang=74deg
GOES 05:32	05:33	Ha...Class=SN	N06W74	Mac.=EKO	Carr. Lon.=153deg
HXRBS 05:34:24	05:34:31	Importance=C2	Qual=01	MaxkeV=172	Flags=I
BGS 05:34	05:35	Peak...c/s=632	Qual=01	FePeak.c/s=18	#Peaks=1 dt= 3.8s
FCS 05:35	05:35	CaPeak.c/s=95	Qual= 1	Rast=180"x180"	Step=10" Cad= 332s
UVSP 05:19	05:35	Peak3...c/s=373		Rast=30"x30"	Step=0" Pitch=-130", Yaw=-865"
Radio		Wavelength=1524A	Code=00	Exp #=17520	
		Frequency(MHz)/Flux(sfu):	606/37 4995/7 8800/33 15400/62		
Event # = 7152					
84/05/18, 07:07	DOY=139	Start	Peak		
Optical		SMM Pointing:	N02W74	Pitch=-48", Yaw=-912", Roll=0deg	H. Ang=74deg
GOES 07:04	07:07	Importance=C2	Qual=01	MaxkeV=48	Flags=I
HXRBS 07:06:08	07:06:31	Peak...c/s=124	Qual=01	FePeak.c/s=24	#Peaks=1
BGS 07:06	07:07	CaPeak.c/s=83	Qual= 1	Rast=0"x0"	Step=0" Cad=1.02s
FCS 06:53	07:08	Peak3...c/s=251		Rast=30"x30"	Step=0" Pitch=-130", Yaw=-869"
UVSP 06:53	07:08	Wave length=1524A	Code=01	Exp #=17528	
Event # = 7153					
84/05/18, 08:45	DOY=139	Start	Peak		
Optical		SMM Pointing:	N02W74	Pitch=-48", Yaw=-912", Roll=0deg	H. Ang=74deg
GOES 07:50	08:45	Code=ASR	S10E90	Mac.=EAO	Carr. Lon.=347deg
HXRBS 08:31:19	08:31:27	Importance=C6	Qual=03	MaxkeV=48	Flags=I
BGS 08:31	08:32	Peak...c/s=72	Qual=01	FePeak.c/s=9	#Peaks=1
FCS 08:33	08:33	CaPeak.c/s=27	Qual= 1	Rast=0"x0"	Step=0" Cad=3840s
UVSP 08:44	08:33	Peak3...c/s=220		Rast=30"x30"	Step=0" Pitch=-129", Yaw=-873"
		Wave length=1524A	Code=00	Exp #=17536	

Event # = 7154
 84/05/18,09:37 DOY=139 SMM Pointing: N02W76 H.Ang=77deg
 Start Peak End times Pitch=-42", Yaw=-923", Roll=0deg
 GOES 09:32 09:48 Importance=C5 Qual=01 MaxkeV=108
 HXRBS 09:33:05 09:37:05 09:40:00 Peak...c/s=248 Qual=01 FePeak.c/s=47 #Peaks=2 dt= 3.8s XEN=413908
 BCS 09:33 09:37 10:02 CaPeak.c/s=209 Qual=1 FePeak=09:37 Step=10" Cad= 922s 1.024s/pixel
 FCS 09:44 09:44 Peak3...c/s=216 Wavelength=1524A Code=00 Exp #=17538 Rast=30"x30" Pitch=-144", Yaw=-875"
 UVSP 09:31 Wave length=1524A Code=00 Exp #=17538
 Radio Frequency(MHz)/Flux(sfu): 1415/10 2695/5 4995/35 8800/18
 HXRBS 09:44:06 09:44:44 09:45:40 Peak...c/s=60 Associated Event # = 7155
 MaxkeV=48

Event # = 20594
 84/05/18,10:13 DOY=139 SMM Pointing: N02W76 H.Ang=77deg
 Start Peak End times Pitch=-42", Yaw=-923", Roll=0deg
 GOES 10:10 10:15 Importance=C2 Qual=01 FePeak.c/s=11 #Peaks=1 XEN=413911
 BCS 10:10 10:12 CaPeak.c/s=50 Qual=1 FePeak=10:11 Step=10" Cad= 332s 1.024s/pixel
 FCS 10:12 10:12 Peak3...c/s=199 Wavelength=1524A Code=00 Exp #=17542 Rast=30"x30" Pitch=-129", Yaw=-891"
 UVSP 10:06 Wave length=1524A Code=00 Exp #=17542

Event # = 8319
 84/05/18,11:17 DOY=139 SMM Pointing: N02W76 H.Ang=77deg
 Start Peak End times Pitch=-42", Yaw=-923", Roll=0deg
 Optical Ha...Class=SF S09E79 Carr. Lon.=357deg H.Ang=79deg
 GOES 11:14 11:22 Importance=C2 Qual=01 AR4492
 HXRBS 11:16:45 11:16:50 11:16:53 Peak...c/s=96 Qual=01 Tot Cts=505 #Peaks=2 XEN=413913
 BCS 11:17 11:21 CaPeak.c/s=19 Qual=1 FePeak=11:17 Step=10" Cad= 922s 1.024s/pixel
 FCS 11:17 11:17 Peak3...c/s=63 Wavelength=1524A Code=00 Exp #=17546 Rast=30"x30" Pitch=-143", Yaw=-878"
 UVSP 11:06 Wave length=1524A Code=00 Exp #=17546

Event # = 8320
 84/05/18,11:52 DOY=139 SMM Pointing: N02W76 H.Ang=77deg
 Start Peak End times Pitch=-42", Yaw=-923", Roll=0deg
 Optical Ha...Class=SF S09E79 Carr. Lon.=357deg H.Ang=79deg
 GOES 11:50 11:53 Importance=C1 Qual=01 AR4492
 HXRBS 11:51:32 11:51:48 11:52:11 Peak...c/s=104 Qual=01 Tot Cts=2016 #Peaks=1 XEN=413915
 BCS 11:51 11:52 CaPeak.c/s=29 Qual=1 FePeak=11:51 Step=10" Cad= 332s 1.024s/pixel
 FCS 11:52 11:52 Peak3...c/s=83 Wavelength=1524A Code=00 Exp #=17551 Rast=180"x180" Pitch=-105", Yaw=-932"
 UVSP 11:51 Wave length=1524A Code=00 Exp #=17551

Event # = 8321
 84/05/18,12:13 DOY=139 SMM Pointing: N02W76 H.Ang=77deg
 Start Peak End times Pitch=-42", Yaw=-923", Roll=0deg
 Optical Ha...Class=SN N06W77 Carr. Lon.=152deg H.Ang=77deg
 GOES 11:58 12:31 Importance=C3 Qual=02 AR4481
 HXRBS 11:58:14 11:59:53 12:01:26 Peak...c/s=64 Qual=01 Tot Cts=9730 #Peaks=1 XEN=413916
 UVSP 11:52 11:52 Wave length=1524A Code=01 Exp #=17552 Rast=30"x30" Pitch=-128", Yaw=-894"

Event # = 20097
 84/05/18,12:38 DOY=139 SMM Pointing: N02W76 H.Ang=77deg
 Start Peak End times Pitch=-42", Yaw=-923", Roll=0deg
 GOES 12:32 12:49 Importance=C4 Qual=04 FePeak.c/s=9 #Peaks=1 XEN=413916
 BCS 12:38 12:39 CaPeak.c/s=23 Qual=5 FePeak=12:38 Step=0" Cad=3840s 3840s/pixel
 FCS 12:39 12:39 Peak3...c/s=23 Wavelength=1524A Code=02 Exp #=17553 Rast=285"x285" Pitch=-105", Yaw=-934"
 UVSP 12:40 Wave length=1524A Code=02 Exp #=17553

Event # = 7159									
84/05/18, 13:12	DOY=139	SMM Pointing:		N02W76	Pitch=-42", Yaw=-923", Roll=0deg		H. Ang=77deg		
Start	Peak	Importance=M1		Qual=01					
GOES 13:00	13:12	Peak...c/s=482		Qual=01					
HXRBS 13:06:10	13:08:02	CaPeak.c/s=19		Qual=1			XEN=413917		
BGS 13:10	13:10	Wavelength=1524A		Code=02	Exp #=17558		Pitch=-128", Yaw=-882"		
UVSP 13:12		2695/3 4995/15 8800/26 15400/15							
Radio Frequency(MHz)/Flux(sfu):									
		Associated Event # = 7158							
HXRBS 13:00:32	13:01:03	Peak...c/s=166		Qual=01	Step=0"		Pitch=-143", Yaw=-881"		
UVSP 12:56		Wavelength=1524A		Rast=30"x30"					
Event # = 7161									
84/05/18, 14:19	DOY=139	SMM Pointing:		N02W76	Pitch=-42", Yaw=-923", Roll=0deg		H. Ang=77deg		
Start	Peak	Ha...Class=SF		S12E72	Carr. Lon.=2deg		H. Ang=72deg		
GOES 14:02	14:19	Importance=C9		Qual=05					
HXRBS 14:28:56	14:29:59	Peak...c/s=85		Qual=01	Tot Cts=1392				
UVSP 14:15		Wavelength=1524A		Code=00	Exp #=17562		Pitch=-142", Yaw=-899"		
Radio Frequency(MHz)/Flux(sfu):									
		Associated Event # = 7160							
HXRBS 14:12:52	14:13:20	Peak...c/s=63		Qual=02	Tot Cts=448		Flags=SN		
Event # = 7162									
84/05/18, 14:48	DOY=139	SMM Pointing:		N02W79	Pitch=-40", Yaw=-933", Roll=0deg		H. Ang=79deg		
Start	Peak	Ha...Class=SF		S12E72	Carr. Lon.=2deg		H. Ang=72deg		
GOES 14:43	14:48	Importance=C7		Qual=01					
HXRBS 14:56:06	14:57:05	Peak...c/s=73		Qual=01	Tot Cts=726				
UVSP 14:45		Wavelength=1524A		Code=00	Exp #=17566		Step=0" Pitch=-127", Yaw=-899"		
Event # = 7163									
84/05/18, 16:07	DOY=139	SMM Pointing:		S15E87	Pitch=+246", Yaw=+916", Roll=0deg		H. Ang=87deg		
Start	Peak	Peak...c/s=82		Qual=01					
GOES 16:06:59	16:07:39	Wavelength=1526A							
HXRBS 16:05				Tot Cts=2001		Flags=AX			
				Exp #=17572		Step=0" Pitch=+113", Yaw=+829"			
Event # = 7164									
84/05/18, 16:15	DOY=139	SMM Pointing:		S15E87	Pitch=+246", Yaw=+916", Roll=0deg		H. Ang=87deg		
Start	Peak	Ha...Class=SF		N11W80	Carr. Lon.=153deg		H. Ang=81deg		
Optical 16:12	16:15	Importance=C2		S12E71	Carr. Lon.=2deg		H. Ang=71deg		
GOES 16:12:51	16:13:07	Peak...c/s=119		Qual=01					
HXRBS 16:12:51	16:13:07	Wavelength=1526A		Code=00	Tot Cts=747				
UVSP 16:05				Exp #=17572		Step=0" Pitch=+113", Yaw=+829"			
Event # = 7165									
84/05/18, 20:58	DOY=139	SMM Pointing:		S15E87	Pitch=+246", Yaw=+916", Roll=0deg		H. Ang=87deg		
Start	Peak	Ha...Class=SN		N05W84	Carr. Lon.=155deg		H. Ang=84deg		
Optical 20:52	20:58	Importance=C2		S10E71	Carr. Lon.=360deg		H. Ang=71deg		
GOES 20:53:40	20:54:04	Peak...c/s=154		Qual=01					
HXRBS 20:53:40	20:54:04	Wavelength=1526A		Code=00	Tot Cts=2374				
Radio Frequency(MHz)/Flux(sfu):			15400/13						

Event # = 20598 84/05/18, 22:08 Optical GOES 21:50 BCS 22:05 FCS 22:10	Start Peak 22:08 22:07 22:10	DOY=139 Peak	End times 22:20 22:22	SMM Pointing: Ha...Class=SN Importance=C3 CaPeak.c/s=102 Peak3...c/s=685	S15E87 S12E69 Qual=05 Qual = 4	AR4492 FePeak=22:07	Mac.=EAO Carr. Lon.=1deg FePeak.c/s=13 dt= 3.8s Rast=180"x180" Step=10" Cad= 332s	Pitch=+246", Yaw=+916", Roll=0deg H. Ang=87deg	H. Ang=87deg
Event # = 20599 84/05/18, 22:39 Optical GOES 22:37 BCS 22:37 FCS 22:37	Start Peak 22:39 22:38 22:37	DOY=139 Peak	End times 22:40 22:39 22:37	SMM Pointing: Ha...Class=SN Importance=C1 CaPeak.c/s=25 Peak3...c/s=Z18	S15E87 S12E69 Qual=01 Qual = 1	AR4492 FePeak=22:38	Mac.=EAO Carr. Lon.=1deg FePeak.c/s=11 dt= 3.8s Rast=180"x180" Step=10" Cad= 332s	Pitch=+246", Yaw=+916", Roll=0deg H. Ang=87deg	H. Ang=87deg
Event # = 20600 84/05/18, 22:44 Optical GOES 22:42 BCS 22:43 FCS 22:43	Start Peak 22:44 22:43 22:43	DOY=139 Peak	End times 22:45 22:45 22:43	SMM Pointing: Ha...Class=SN Importance=C1 CaPeak.c/s=24 Peak3...c/s=158	S15E87 S10E70 Qual=01 Qual = 1	AR4492 FePeak=22:43	Mac.=EAO Carr. Lon.=360deg FePeak.c/s=9 dt= 3.8s Rast=180"x180" Step=10" Cad= 332s	Pitch=+246", Yaw=+916", Roll=0deg H. Ang=87deg	H. Ang=87deg
Event # = 20601 84/05/18, 22:50 GOES 22:48 BCS 22:48	Start Peak 22:50 22:51	DOY=139 Peak	End times 22:51 22:51	SMM Pointing: Importance=C1 CaPeak.c/s=19	S15E87 Qual=01 Qual = 1	FePeak=22:51	Pitch=+246", Yaw=+916", Roll=0deg FePeak.c/s=7 dt= 3.8s	H. Ang=87deg XEN=413922	H. Ang=87deg
Event # = 20645 84/05/18, 23:47 GOES 23:40 BCS 23:39 FCS 23:57	Start Peak 23:47 23:47 23:57	DOY=139 Peak	End times 23:53 00:06 23:57	SMM Pointing: Importance=C2 CaPeak.c/s=71 Peak3...c/s=318	S15E87 Qual=01 Qual = 1	FePeak=23:47	Pitch=+246", Yaw=+916", Roll=0deg FePeak.c/s=13 dt= 3.8s	H. Ang=87deg XEN=413925	H. Ang=87deg
84/05/19 DOY=140									
Event # = 20646 84/05/19, 02:48 GOES 02:29 BCS 02:48 FCS 02:50 UVSP 02:51	Start Peak 02:48 02:49 02:50	DOY=140 Peak	End times 02:53 02:58 02:50	SMM Pointing: Importance=C2 CaPeak.c/s=33 Peak3...c/s=349 Wavelength=1526A	S15E87 Qual=04 Qual = 1	FePeak=02:49 Exp #=17598	Mac.=EAO Carr. Lon.=1deg FePeak.c/s=8 dt= 3.8s Rast=265"x265" Step=15" Pitch=+181", Yaw=+911"	H. Ang=87deg XEN=414011	H. Ang=87deg
Event # = 7166 84/05/19, 03:31 GOES 03:04 HXRB 03:05:09 BCS 03:04 FCS 03:31 UVSP 03:21	Start Peak 03:31 03:31 03:31 03:35	DOY=140 Peak	End times 03:56 03:07:29 04:52 03:35	SMM Pointing: Importance=C5 Peak...c/s=114 CaPeak.c/s=188 Peak3...c/s=732 Wavelength=1526A	S15E87 Qual=03 Qual = 1 Qual = 1	Tot Cts=1774 FePeak=03:31 Exp #=17603	Mac=V=48 FePeak.c/s=23 dt= 7.7s Rast=10"x10" Step=0" Pitch=+158", Yaw=+859"	H. Ang=87deg XEN=414013	H. Ang=87deg

Event #	Start	End times	DOY=140	Peak	SMM Pointing:	Exp #	MaxkeV=48	Rast=10"x10"	Pitch=0"	Step=0"	H.Ang=85deg
HXRBS	03:09:29	03:10:50	03:11:13		Peak...c/s=80	17601	48	10"x10"	0"	0"	85deg
UVSP	03:05				Wavelength=1526A						158", Yaw=+859"
Associated Event # = 7167											
Qual=01											
SMM Pointing: AR4492											
Event # = 7168	84/05/19, 04:24	04:24:12	04:24:25	04:24:25	Importance=C5	17606	48	265"x265"	15"	15"	181", Yaw=+911"
GOES	04:23:55	04:24:12	04:24:25	04:24:25	Peak...c/s=69						
HXRBS	04:23:55	04:24:12	04:24:25	04:24:25	Wavelength=1526A						
UVSP	04:25										
SMM Pointing: AR4492											
Event # = 7169	84/05/19, 06:13	06:13	06:20	06:05:38	Ha...Class=SF	17615	48	10"x10"	0"	0"	85deg
Optical	06:03	06:13	06:20	06:05:38	Importance=C2						
GOES	06:03	06:13	06:20	06:05:38	Qual=01						
HXRBS	06:03:55	06:04:44	06:05:38	06:05:38	Peak...c/s=112						
UVSP	06:00				Wavelength=1526A						
Radio Sweeps		Type/Intensity:			Code=00						
SMM Pointing: AR4492											
Event # = 7170	84/05/19, 07:36	07:36	07:42	07:39:47	Importance=C3	17623	48	420"x420"	10"	10"	1806s
GOES	07:32	07:36	07:42	07:39:47	Peak...c/s=72						1.024s/pixel
HXRBS	07:37:59	07:38:58	07:39:47	07:39:47	CaPeak.c/s=25						
BCS	07:35	07:35	07:50	07:50	Peak3...c/s=12						
FCS											
UVSP	07:34				Wavelength=1526A						
SMM Pointing: AR4492											
Event # = 7171	84/05/19, 07:51	07:51	07:58	07:52:01	Importance=C3	17625	129	10"x10"	0"	0"	86deg
Optical	07:46	07:51	07:58	07:52:01	Ha...Class=IM						
GOES	07:46	07:51	07:58	07:52:01	Importance=M1						
HXRBS	07:47:27	07:48:23	07:52:01	07:52:01	Peak...c/s=2409						
UVSP	07:50				Wavelength=1526A						
Radio		Frequency(MHz)/Flux(sfu):			4995/17 8800/62 15400/25						
SMM Pointing: AR4492											
Event # = 20602	84/05/19, 08:08	08:08	08:10	08:10	Importance=C3	17627	5	10"x10"	0"	0"	18deg
GOES	08:02	08:08	08:10	08:10	CaPeak.c/s=20						
BCS	08:00	08:00	08:10	08:10	Wavelength=1526A						
UVSP	08:04										
SMM Pointing: AR4492											
Event # = 20603	84/05/19, 12:40	12:40	12:46	12:54	Importance=C2	17649	50	10"x10"	0"	0"	48deg
Optical	12:28	12:40	12:46	12:54	Ha...Class=SF						
GOES	12:28	12:40	12:46	12:54	Importance=C2						
BCS	12:28	12:40	12:46	12:54	CaPeak.c/s=58						
FCS					Peak3...c/s=392						
UVSP	12:33				Wavelength=1526A						
SMM Pointing: AR4492											

Event # = 20647	SMM Pointing: AR4492													
84/05/19,14:20	DOY=140	Peak	End times											
Start	14:20	14:25	14:25	14:23	Importance=C2	Qual=01	CaPeak.c/s=24	Qual=1	FePeak=14:21	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=414030	
GOES 14:13		14:21			Peak3..c/s=57	Code=00	Exp #=17654	Exp #=17654	Rast=250" x250"	Step=10"	Pitch=+173"	Yaw=+904"		
BSC 14:18		14:19			Wavelength=1524A									
FCS														
UVSP 13:51														
Event # = 7172	SMM Pointing: AR4492													
84/05/19,15:46	DOY=140	Peak	End times											
Start	15:46	15:48	15:48	15:45:55	Ha...Class=SF	S12E70	Qual=01	FePeak=15:47	MaxkeV=48	Carr.Lon.=350deg	H.Ang=70deg			
Optical 15:43		15:45:43			Importance=C1	Qual=01	FePeak=15:47	FePeak.c/s=12	dt= 7.7s	XEN=414031				
GOES 15:44:59		15:47			Peak...c/s=89	Qual=1	Exp #=17655	Rast=120" x60"	Step=15"	Cad=2998s	93.70s/pixel			
HXRBS 15:45		15:46			CaPeak.c/s=27	Code=01		Rast=10" x10"	Step=0"	Pitch=+141"	Yaw=+912"			
BSC					Peak3..c/s=22									
FCS					Wavelength=1524A									
UVSP 15:24														
Event # = 7173	SMM Pointing: AR4494													
84/05/19,17:34	DOY=140	Peak	End times											
Start	17:34	17:41	17:41	17:31:33	Ha...Class=SF	S08E82	Qual=01	Tot Cts=5918	Mac.=CHO	Carr.Lon.=337deg	H.Ang=82deg			
Optical 17:28		17:30:20			Importance=C4	Qual=01	Exp #=17656	MaxkeV=67	MaxkeV=67	Step=10"	Pitch=-503"	Yaw=+133"		
GOES 17:29:30		17:00			Peak...c/s=300	Code=00		Rast=250" x250"						
HXRBS 17:00					Wavelength=1524A									
UVSP 17:00					Frequency(MHz)/Flux(sfu):	4995/20 8800/37 15400/28								
Radio														
Event # = 20648	SMM Pointing: AR4492													
84/05/19,19:07	DOY=140	Peak	End times											
Start	19:07	19:16	19:16	18:48	Ha...Class=SN	S12E84	Qual=00	FePeak=19:07	Mac.=FHI	Carr.Lon.=334deg	H.Ang=84deg			
Optical 18:47		19:07			Importance=C3	Qual=3	Exp #=17657	FePeak.c/s=11	FePeak.c/s=11	#Peaks=1	XEN=414019			
GOES 18:47		18:48			Peak...c/s=100	Code=00		Rast=10" x10"						
BSC					Wavelength=1524A									
FCS														
UVSP 18:33														
Event # = 7174	SMM Pointing: AR4492													
84/05/19,20:22	DOY=140	Peak	End times											
Start	20:18	20:25	20:25	20:22:29	Importance=C3	Qual=01	Exp #=17658	MaxkeV=48	MaxkeV=48	Step=10"	Pitch=+141"	Yaw=+912"		
GOES 20:18		20:22			Peak...c/s=68	Code=00		Rast=250" x250"						
HXRBS 20:21:30		20:21:59			Wavelength=1524A									
UVSP 20:09														
Event # = 7176	SMM Pointing: AR4492													
84/05/19,20:48	DOY=140	Peak	End times											
Start	20:30	20:48	20:51	20:50:08	Ha...Class=SN	S10E68	Qual=03	Tot Cts=10047	Mac.=FHI	Carr.Lon.=350deg	H.Ang=68deg			
Optical 20:30		20:38:08			Importance=C6	Qual=01	Exp #=17658	MaxkeV=48	MaxkeV=48	#Peaks=2	dt= 7.7s	XEN=414008		
GOES 20:33:33		20:46			Peak...c/s=91	Qual=3		FePeak.c/s=39	FePeak.c/s=39	Step=10"	Cad=590s	1.024s/pixel		
HXRBS 20:28		20:28			CaPeak.c/s=252	Code=00		Rast=250" x250"						
BSC					Peak3..c/s=45	Associated								
FCS					Event # = 7175									
UVSP 20:09					Qual=01									
HXRBS 20:30:43		20:31:20			Peak...c/s=72									

Event # = 7177
 84/05/19, 21:53 DOY=140
 Start Peak
 SMM Pointing: AR4492
 Optical
 GOES 21:48 21:53 22:27 S10E66 Ha...Class=28 Carr. Lon. =351deg H. Ang=66deg
 HXRBS 21:50:17 21:52:25 22:18:57 Qual=01 Importance=X4 Mac. =FHI
 BCS 21:48 21:55 22:30 CaPeak.c/s=7786 Qual=1 Peak...c/s=1937000 Qual=01 FePeak.c/s=7999 #Peaks=2 dt= 7.7s XEN=414010
 FCS 21:54 21:54 22:30 Peak3...c/s=18498 Qual=1 FePeak.c/s=7999 #Peaks=2 dt= 7.7s XEN=414010
 UVSP 21:43 21:54 22:30 Wavelength=1524A Code=00 Exp #=17659 Rast=420"x420" Step=10" Cad=1806s 1.024s/pixel
 Radio Sweeps Type/Intensity: Rast=10"x10" Step=0" Pitch=+141", Yaw=+912"
 Radio Frequency(MHz)/Flux(sfu): 245/460 410/770 606/6700 1415/1800 2695/2000 4995/2400 8800/2000 15400/2500
 HXRBS 22:19:14 22:19:34 22:20:38 Peak...c/s=93 Associated Event # = 7178 MaxkeV=48

Event # = 7179
 84/05/19, 23:44 DOY=140
 Start Peak
 SMM Pointing: AR4492
 Optical
 GOES 23:40 23:44 23:55 S13E87 Ha...Class=28 Carr. Lon. =351deg H. Ang=66deg
 HXRBS 23:41:38 23:42:55 23:46:18 Qual=01 Importance=M1 Peak...c/s=3256 Qual=01 FePeak.c/s=7999 #Peaks=2 dt= 7.7s XEN=414010
 UVSP 23:33 23:44 23:55 Wavelength=1526A Code=00 Exp #=17663 MaxkeV=196 Rast=10"x10" Step=0" Pitch=+96", Yaw=+807"

Event # = 7180
 84/05/20, 01:00 DOY=141
 Start Peak
 SMM Pointing: S13E87
 Optical
 GOES 01:00:13 01:00:32 01:01:07 S09E79 Ha...Class=SF Carr. Lon. =336deg H. Ang=79deg
 UVSP 00:53 01:00:32 01:01:07 Peak...c/s=74 Qual=00 Mac. =DAO
 Radio Frequency(MHz)/Flux(sfu): 410/140 606/18 Wavelength=1526A Code=00 Exp #=17669 MaxkeV=48 Rast=10"x10" Step=0" Pitch=+96", Yaw=+807"

Event # = 7181
 84/05/20, 01:05 DOY=141
 Start Peak
 SMM Pointing: S13E87
 Optical
 GOES 01:03 01:05 01:07 S09E79 Ha...Class=SF Carr. Lon. =336deg H. Ang=87deg
 HXRBS 01:03:52 01:04:13 01:04:50 Qual=01 Importance=C2 Peak...c/s=80 Qual=01 Mac. =DAO
 UVSP 00:53 01:04:13 01:04:50 Wavelength=1526A Code=00 Exp #=17669 MaxkeV=48 Rast=10"x10" Step=0" Pitch=+96", Yaw=+807"

Event # = 7182
 84/05/20, 01:13 DOY=141
 Start Peak
 SMM Pointing: S13E87
 Optical
 GOES 01:10 01:13 01:16 S09E79 Ha...Class=SF Carr. Lon. =336deg H. Ang=87deg
 HXRBS 01:11:46 01:12:35 01:14:15 Qual=01 Importance=C5 Peak...c/s=136 Qual=01 Mac. =DAO
 UVSP 01:09 01:12:35 01:14:15 Wavelength=1526A Code=00 Exp #=17671 MaxkeV=48 Rast=10"x10" Step=0" Pitch=+186", Yaw=+807"

Event # = 7295
 84/05/20, 01:29 Start DOY=141 Peak
 SMM Pointing: S13E87 Pitch=+213", Yaw=+924", Roll=0deg H. Ang=87deg
 Ha...Class=1B Carr. Lon.=351deg H. Ang=64deg
 Importance=M2 AR4492 Mac.=FK0
 Peak...c/s=2723 Qual=01
 CaPeak.c/s=2047 Qual=1 Tot Cts=3.78E+5 MaxkeV=219 Flags=M
 Peak3...c/s=2341 Qual=1 FePeak=01:28 #Peaks=3 dt= 7.7s XEN=414134
 Wavelength=1526A Code=00 Exp #=17673 Rast=10"x10" Step=0" Pitch=+156", Yaw=+807"
 245/230 410/3500 606/77 1415/51 2695/140 4995/130 8800/320 15400/340
 Frequency(MHz)/Flux(sfu):

Event # = 7184
 84/05/20, 03:01 Start DOY=141 Peak
 SMM Pointing: S13E87 Pitch=+213", Yaw=+924", Roll=0deg H. Ang=87deg
 Ha...Class=SB AR4492 Mac.=FK0 H. Ang=62deg
 Importance=M4
 Peak...c/s=6859 Qual=01
 CaPeak.c/s=3078 Qual=1 Tot Cts=7.74E+5 MaxkeV=219 Flags=M, FS XEN=414129
 Peak3...c/s=1326 Qual=1 FePeak=03:01 #Peaks=2 dt= 7.7s
 Wavelength=1526A Code=00 Exp #=17681 Rast=10"x10" Step=0" Pitch=+156", Yaw=+837"
 245/240 410/3200 606/1400 1415/240 2695/100 4995/130 8800/260 15400/420
 Frequency(MHz)/Flux(sfu):
 Associated Event # = 7183
 Peak...c/s=324 Qual=01 Tot Cts=22139 MaxkeV=67
 Wavelength=1526A Exp #=17679 Rast=10"x10" Step=0" Pitch=+186", Yaw=+792"

Event # = 7185
 84/05/20, 04:08 Start DOY=141 Peak
 SMM Pointing: S13E87 Pitch=+213", Yaw=+924", Roll=0deg H. Ang=87deg
 Ha...Class=SN AR4492 Mac.=FK0 H. Ang=66deg
 Importance=M1
 Peak...c/s=354 Qual=01
 CaPeak.c/s=457 Qual=1 Tot Cts=30196 MaxkeV=67
 Peak3...c/s=1669 Qual=1 FePeak=04:06 #Peaks=1 dt= 7.7s XEN=414100
 Wavelength=1526A Code=00 Exp #=17685 Rast=420"x420" Cad=1806s 1.024s/pixel
 Step=0" Pitch=+96", Yaw=+792"

Event # = 7186
 84/05/20, 04:45 Start DOY=141 Peak
 SMM Pointing: S13E87 Pitch=+213", Yaw=+924", Roll=0deg H. Ang=87deg
 Ha...Class=SN AR4492 Mac.=FK0 H. Ang=64deg
 Importance=C4
 Peak...c/s=110 Qual=01
 CaPeak.c/s=63 Qual=1 Tot Cts=1041 MaxkeV=48
 Peak3...c/s=306 Qual=1 FePeak=04:36 #Peaks=1 dt= 7.7s XEN=414130
 Wavelength=1526A Code=02 Exp #=17690 Rast=265"x265" Step=15" Pitch=+149", Yaw=+919"
 Associated Event # = 7187
 Peak...c/s=75 Qual=01 MaxkeV=48

Event # = 7188									
84/05/20,05:44		D0Y=141							
Optical	Start	Peak	End times	SMM Pointing:	S13E87	Pitch=+213", Yaw=+924", Roll=0deg	H.Ang=87deg		
GOES	05:29	05:44	06:01	Ha...Class=1B	S08E57	Mac.=FK0	H.Ang=57deg		
HXRBS	05:39:19	05:41:26	05:49:16	Importance=M5	Qual=04	Carr. Lon.=356deg			
GRS	05:40:00			Peak...c/s=5530	Qual=02	Flags=M,SA			
BCS	05:36	05:42	06:31	CaPeak.c/s=3103	Qual= 5	FePeak=05:42	XEN=414135		
FCS	05:36	05:44		Peak3...c/s=3888		>10MeV=N			
UVSP	05:36			Wave length=1526A	Code=00	Rast=10"x10"	Pitch=+156", Yaw=+822"		
Radio	Frequency (MHz)/Flux(sfu):			245/85 410/230 606/15 1415/8 2695/40 4995/59 8800/82 15400/130					
Event # = 7189									
84/05/20,06:06		D0Y=141							
Optical	Start	Peak	End times	SMM Pointing:	S13E87	Pitch=+213", Yaw=+924", Roll=0deg	H.Ang=87deg		
GOES	06:03	06:06	06:08	Importance=C8	Qual=01				
HXRBS	06:03:53	06:06:02	06:06:41	Peak...c/s=75	Qual=01	MaxkeV=48			
UVSP	05:51			Wave length=1526A	Code=00	Rast=10"x10"	Pitch=+156", Yaw=+837"		
Event # = 7190									
84/05/20,06:20		D0Y=141							
Optical	Start	Peak	End times	SMM Pointing:	S13E87	Pitch=+213", Yaw=+924", Roll=0deg	H.Ang=87deg		
GOES	06:16	06:20	06:25	Ha...Class=SB	S11E61	Mac.=FK0	H.Ang=61deg		
HXRBS	06:17:36	06:19:35	06:22:12	Importance=M1	Qual=01	Carr. Lon.=351deg			
BCS	06:15	06:20	06:31	Peak...c/s=1440	Qual=01	MaxkeV=243			
FCS	06:21			CaPeak.c/s=442	Qual= 1	FePeak=06:20	XEN=414131		
UVSP	06:07			Peak3...c/s=662		Rast=180"x180"	dt= 7.7s		
Radio	Sweeps	Type/Intensity:		Wave length=1526A	Code=00	Exp #=17697	Cad= 664s		
Radio	Frequency (MHz)/Flux(sfu):			V/1		Step=0"	Pitch=+141", Yaw=+822"		
Event # = 7192									
84/05/20,07:12		D0Y=141							
Optical	Start	Peak	End times	SMM Pointing:	S13E87	Pitch=+213", Yaw=+924", Roll=0deg	H.Ang=87deg		
GOES	07:08	07:12	07:18	Importance=C2	Qual=05	MaxkeV=48			
HXRBS	07:15:20	07:16:06	07:16:24	Peak...c/s=72	Qual=01	FePeak.c/s=9	XEN=414106		
BCS	07:10	07:10	07:12	CaPeak.c/s=24	Qual= 4	Rast=180"x180"	Cad= 332s		
FCS	07:11			Peak3...c/s=68		Step=0"	Pitch=+141", Yaw=+822"		
UVSP	07:11			Wave length=1526A	Code=00	Exp #=17701			
Radio	Frequency (MHz)/Flux(sfu):			Associated		Event # = 7191			
Event # = 7193									
84/05/20,08:03		D0Y=141							
Optical	Start	Peak	End times	SMM Pointing:	S13E87	Pitch=+213", Yaw=+924", Roll=0deg	H.Ang=87deg		
GOES	07:55	08:03	08:06	Importance=C2	Qual=03	MaxkeV=48			
HXRBS	07:57:09	07:58:32	07:59:47	Peak...c/s=115	Qual=01	FePeak.c/s=9	XEN=414107		
BCS	07:59	08:03	08:06	CaPeak.c/s=42	Qual= 3	Rast=180"x180"	Cad= 664s		
FCS	07:59			Peak3...c/s=57		Step=0"	Pitch=+186", Yaw=+822"		
UVSP	07:57			Wave length=1526A	Code=00	Exp #=17707			
Radio	Frequency (MHz)/Flux(sfu):			1415/17 2695/140					

Event # = 7194		SMM Pointing:		S13E87		Pitch=+213", Yaw=+924", Roll=0deg		H. Ang=87deg	
84/05/20, 09:06	DOY=141	Start	End times						
Optical	Peak			Ha...Class=SF	S10E57	Mac.=FK0	Carr. Lon.=354deg	H. Ang=57deg	
GOES 08:54	09:06	09:16	09:16	Importance=C8	Qual=01	MaxkeV=48	#Peaks=1	XEN=414108	
HXRBS 08:56:09	08:58:23	09:06:28	09:06:28	Peak...c/s=152	Qual=01	FePeak.c/s=52	Step=0"	Pitch=+141", Yaw=+807"	
BCS 08:50	09:04	09:30	09:30	CaPeak.c/s=326	Qual=1	Rast=10"x10"			
UVSP 09:01				Wavelength=1526A	Code=00	Exp #=17711			
Event # = 7195		SMM Pointing:		S13E87		Pitch=+213", Yaw=+924", Roll=0deg		H. Ang=87deg	
84/05/20, 10:22	DOY=141	Start	End times						
GOES 10:11	10:22	10:31	10:31	Importance=C4	Qual=04	MaxkeV=67	Step=0"	Pitch=+201", Yaw=+807"	
HXRBS 10:17:20	10:19:59	10:23:24	10:23:24	Peak...c/s=201	Qual=01	Rast=10"x10"			
UVSP 10:19				Wavelength=1526A	Code=00	Exp #=17717			
Radio	Frequency (MHz)/Flux(sfu):		4995/18						
Event # = 7196		SMM Pointing:		S13E87		Pitch=+213", Yaw=+924", Roll=0deg		H. Ang=87deg	
84/05/20, 11:20	DOY=141	Start	End times						
Optical	Peak			Ha...Class=SN	S12E61	Mac.=FK0	Carr. Lon.=348deg	H. Ang=61deg	
GOES 11:14	11:20	11:31	11:31	Importance=C4	Qual=02	MaxkeV=48	#Peaks=1	XEN=414112	
HXRBS 11:14:37	11:15:03	11:15:32	11:15:32	Peak...c/s=107	Qual=01	FePeak.c/s=8	Step=10"	Cad= 664s	XEN=2.048s/pixel
BCS 11:11	11:11	11:12	11:12	CaPeak.c/s=19	Qual=2	Rast=180"x180"	Step=0"	Pitch=+201", Yaw=+807"	
FCS	11:11			Peak3...c/s=17		Rast=10"x10"			
UVSP 11:06				Wavelength=1526A	Code=01	Exp #=17723			
Radio	Frequency (MHz)/Flux(sfu):		4995/18						
Event # = 7198		SMM Pointing:		S13E87		Pitch=+213", Yaw=+924", Roll=0deg		H. Ang=87deg	
84/05/20, 11:59	DOY=141	Start	End times						
GOES 11:49	11:59	12:03	12:03	Importance=C3	Qual=04	MaxkeV=48	Step=0"	Pitch=+171", Yaw=+807"	
HXRBS 11:53:53	11:54:54	11:55:46	11:55:46	Peak...c/s=66	Qual=01	Rast=10"x10"			
UVSP 11:54				Wavelength=1526A	Code=00	Exp #=17725			
HXRBS 11:51:49	11:52:38	11:53:12	11:53:12	Associated	Qual=01	Event # = 7197			
				Peak...c/s=57		MaxkeV=48			
Event # = 7200		SMM Pointing:		S13E87		Pitch=+213", Yaw=+924", Roll=0deg		H. Ang=87deg	
84/05/20, 12:33	DOY=141	Start	End times						
Optical	Peak			Ha...Class=SN	S10E59	Mac.=FK0	Carr. Lon.=350deg	H. Ang=59deg	
GOES 12:26	12:33	12:37	12:37	Importance=C1	Qual=01	MaxkeV=67	Step=0"	Pitch=+186", Yaw=+807"	
HXRBS 12:33:23	12:33:51	12:34:10	12:34:10	Peak...c/s=196	Qual=01	Rast=10"x10"			
UVSP 12:24				Wavelength=1526A	Code=00	Exp #=17199			
HXRBS 12:28:07	12:28:39	12:29:34	12:29:34	Associated	Qual=01	Event # = 7199			
				Peak...c/s=63		MaxkeV=48			
Event # = 7201		SMM Pointing:		S12E54		Pitch=+178", Yaw=+754", Roll=0deg		H. Ang=55deg	
84/05/20, 13:39	DOY=141	Start	End times						
Optical	Peak			Code=EPL	S23E90	Carr. Lon.=318deg		H. Ang=89deg	
GOES 13:32	13:39	13:51	13:51	Importance=C5	Qual=01	MaxkeV=129	Step=0"	Pitch=+151", Yaw=+637"	
HXRBS 13:32:14	13:35:46	13:42:16	13:42:16	Peak...c/s=621	Qual=01	Rast=10"x10"			
UVSP 13:28				Wavelength=1524A	Code=00	Exp #=17732			
Radio	Frequency (MHz)/Flux(sfu):		606/10	1415/20	2695/16	4995/8			

Event # = 7202		84/05/20,15:16		DOY=141		Peak		SMM Pointing:		S12E53		Pitch=+177",Yaw=+744",Roll=0deg		H.Ang=54deg	
Optical	15:12	15:16	15:23	Ha...Class=SB	S09E54	AR4492	Mac.=FKO	Carr.Lon.=353deg	H.Ang=54deg						
GOES	15:13:26	15:14:02	15:22:13	Importance=C7	Qual=01		Maxkey=150	Flags=M,FS							
HXRBS	15:13	15:16	15:30	Peak...c/s=2958	Qual=01	Tot Cts=79356	FePeak.c/s=118	#Peaks=2	XEN=414132						
BCS	15:13	15:16	15:30	CaPeak.c/s=551	Qual=1	FePeak=15:15	Rast=300"x300"	Step=10"	Cad= 922s						
FCS	15:13	15:25	15:30	Peak3...c/s=623		Exp #=17733	Rast=250"x250"	Step=10"	Pitch=+121",Yaw=+734"						
UVSP	15:02			Wavelength=1524A	Code=00										
Event # = 20605		84/05/20,15:58		DOY=141		Peak		SMM Pointing:		S12E53		Pitch=+177",Yaw=+744",Roll=0deg		H.Ang=54deg	
GOES	15:57	15:58	15:59	Importance=C1	Qual=02		FePeak.c/s=10	#Peaks=1	XEN=414117						
BCS	15:57	15:57	15:58	CaPeak.c/s=18	Qual=1	FePeak=15:57	Rast=250"x250"	Step=10"	Pitch=+121",Yaw=+734"						
UVSP	15:02			Wavelength=1524A	Code=00	Exp #=17733									
Event # = 7203		84/05/20,16:40		DOY=141		Peak		SMM Pointing:		S12E53		Pitch=+177",Yaw=+744",Roll=0deg		H.Ang=54deg	
GOES	16:37	16:40	16:46	Importance=C1	Qual=01		Maxkey=48								
HXRBS	16:38:16	16:38:47	16:39:22	Peak...c/s=83	Qual=01	Exp #=17734	Rast=10"x10"	Step=0"	Pitch=+120",Yaw=+725"						
UVSP	16:37			Wavelength=1524A	Code=00										
Event # = 7204		84/05/20,19:47		DOY=141		Peak		SMM Pointing:		S12E51		Pitch=+177",Yaw=+724",Roll=0deg		H.Ang=52deg	
Optical	19:42	19:47	19:50	Ha...Class=SN	S12E56	AR4492	Mac.=FKO	Carr.Lon.=349deg	H.Ang=56deg						
GOES	19:44:09	19:44:24	19:45:16	Importance=C3	Qual=01	Tot Cts=1062	Maxkey=48	#Peaks=3	XEN=414133						
HXRBS	19:45	19:45	20:26	Peak...c/s=108	Qual=01	FePeak=19:45	Rast=10"x10"	Step=0"	Pitch=+120",Yaw=+708"						
BCS	19:45	19:45	20:26	CaPeak.c/s=140	Qual=5	Exp #=17736									
FCS	19:45	19:56		Peak3...c/s=21											
UVSP	19:45			Wavelength=1524A	Code=00										
Event # = 7206		84/05/20,20:20		DOY=141		Peak		SMM Pointing:		S12E51		Pitch=+177",Yaw=+724",Roll=0deg		H.Ang=52deg	
Optical	20:14	20:20	20:22	Ha...Class=SB	S11E58	AR4492	Mac.=FKO	Carr.Lon.=347deg	H.Ang=58deg						
GOES	20:18:26	20:19:12	20:20:05	Importance=C2	Qual=01	Tot Cts=4423	Maxkey=88	Step=0"	Pitch=+120",Yaw=+708"						
HXRBS	19:45	19:45	20:26	Peak...c/s=357	Qual=01	Exp #=17736	Rast=10"x10"	Step=0"	Pitch=+120",Yaw=+708"						
UVSP	19:45			Wavelength=1524A	Code=00	Event # = 7205									
Radio	Frequency(MHz)/Flux(sfu):			1415/25 2695/13 4995/16											
HXRBS	20:14:56	20:15:22	20:15:56	Peak...c/s=63	Associated										
UVSP	20:14:56	20:15:22	20:15:56	Qual=01											
Event # = 7207		84/05/20,21:24		DOY=141		Peak		SMM Pointing:		S12E50		Pitch=+176",Yaw=+711",Roll=0deg		H.Ang=50deg	
GOES	21:20	21:24	21:26	Importance=C1	Qual=04		Maxkey=67								
HXRBS	21:22:20	21:22:27	21:22:46	Peak...c/s=106	Qual=01	Tot Cts=355	Rast=10"x10"	Step=0"	Pitch=+104",Yaw=+699"						
UVSP	21:20			Wavelength=1526A	Code=00	Exp #=17738									

Event # = 7208
 84/05/20, 21:54 DOY=141 H. Ang=50deg
 Start Peak Pitch=+176", Yaw=+711", Roll=0deg
 Optical SMM Pointing: S12E50 Carr. Lon. =357deg
 GOES 21:50 21:54 21:57 S09E47 AR4492 H. Ang=47deg
 HXRBS 21:53:01 21:53:37 21:56:21 Qual=01 MaxkeV=402 Flags=M, FS XEN=414121
 BCS 21:53 21:53 21:59 CaPeak.c/s=14690 Qual=01 #Peaks=1 FePeak.c/s=136 768.0s/pixel
 FCS 21:54 21:54 Peak3...c/s=407 Qual=1 FePeak.c/s=136 Step=0 Cad= 768s Pitch=+104", Yaw=+591"
 UVSP 21:52 WaveLength=1326A Code=00 Exp #=17742 Rast=10"x10" Step=0
 Radio Frequency(MHz)/Flux(sfu): 4995/24 8800/170 15400/180

Event # = 7209
 84/05/20, 22:36 DOY=141 H. Ang=50deg
 Start Peak Pitch=+176", Yaw=+711", Roll=0deg
 Optical SMM Pointing: S12E50 Carr. Lon. =351deg
 GOES 22:24 22:36 23:08 S08E52 AR4492 H. Ang=52deg
 HXRBS 22:53:11 22:53:21 23:26:03 Qual=05 MaxkeV=48 Flags=SN XEN=414124
 BCS 22:53 22:53 00:41 Peak...c/s=223 Qual=02 #Peaks=1 FePeak.c/s=644 1.024s/pixel
 FCS 23:15 23:15 CaPeak.c/s=4672 Qual=5 FePeak.c/s=644 Step=10 Cad=1806s Pitch=+112", Yaw=+696"
 UVSP 22:54 Peak3...c/s=1607 WaveLength=1526A Exp #=17743 Rast=265"x265" Step=15
 Radio Sweeps IV/2 Type/Intensity: 245/8500 410/52000 606/57000 1415/4500 2695/14000 4995/24000 8800/29000 15400/20000
 Radio Frequency(MHz)/Flux(sfu): 245/8500 410/52000 606/57000 1415/4500 2695/14000 4995/24000 8800/29000 15400/20000

84/05/21 DOY=142

Event # = 7210
 84/05/21, 00:32 DOY=142 H. Ang=50deg
 Start Peak Pitch=+176", Yaw=+701", Roll=0deg
 GOES 00:32:30 00:32:38 00:32:45 S12E49 AR4492 H. Ang=50deg
 HXRBS 00:32:30 00:32:38 00:32:45 Qual=00 MaxkeV=48 Flags=SN XEN=414124
 UVSP 00:30 00:30 WaveLength=1526A Exp #=17752 Rast=10"x10" Step=0 Pitch=+224", Yaw=+635"

Event # = 7211
 84/05/21, 02:25 DOY=142 H. Ang=48deg
 Start Peak Pitch=+175", Yaw=+681", Roll=0deg
 Optical SMM Pointing: S12E47 Carr. Lon. =349deg
 GOES 02:17 02:25 02:38 S09E52 AR4492 H. Ang=52deg
 HXRBS 02:19:19 02:19:43 02:37:41 Qual=01 MaxkeV=150 Flags=S6, EG, DG, ND XEN=414200
 GRS 02:19:00 02:21 02:21 CaPeak.c/s=78 Qual=2 FePeak.c/s=75 #Peaks=1
 BCS 02:21 02:21 WaveLength=1526A Code=00 Exp #=17762 Rast=10"x10" Step=0 Pitch=+7", Yaw=+549"
 UVSP 02:19 Type/Intensity: 245/1300 410/370 606/1200 1415/1200 2695/880 4995/330 8800/87 15400/43
 Radio Sweeps V/1 Associated Event # = 7216
 Radio Frequency(MHz)/Flux(sfu): 245/1300 410/370 606/1200 1415/1200 2695/880 4995/330 8800/87 15400/43
 HXRBS 02:16:12 02:16:40 02:16:49 MaxkeV=48 Step=0 Pitch=+133", Yaw=+581"
 UVSP 02:04 WaveLength=1526A Exp #=17760 Rast=10"x10"

Event # = 7212
 84/05/21,03:25 Start DOY=142 Peak
 SMM Pointing: S12E47
 Pitch=+175",Yaw=+681",Roll=0deg H.Ang=48deg
 Carr.Lon.=332deg H.Ang=69deg
 Optical
 GOES 02:40 03:25 03:57 03:57 S11E69 AR4494
 HXRBS 04:10:55 04:11:33 04:12:09 04:12:09 Qual=05
 BCS 04:10 04:19 04:34 04:34 CaPeak.c/s=20 FePeak.c/s=3
 FCS 04:19 04:19 04:34 04:34 Peak3..c/s=49
 UVSP 03:39 04:19 04:34 04:34 Wavelength=1526A Exp #=17767
 Radio Sweeps Type/Intensity:
 Radio Frequency(MHz)/Flux(sfu): 245/20 606/15 1415/150 2695/520 4995/580 8800/580 15400/410
 Rast=265"x265" Step=15" Pitch=+111",Yaw=+668"

Event # = 8323
 84/05/21,05:35 Start DOY=142 Peak
 SMM Pointing: S12E46
 Pitch=+174",Yaw=+669",Roll=0deg H.Ang=47deg
 Carr.Lon.=129deg H.Ang=90deg
 Optical
 GOES 05:35:06 05:35:08 05:35:12 05:35:12 N09W90 AR4481
 HXRBS 05:35:29 05:35:35 05:35:41 05:35:41 Qual=00
 UVSP 05:29 05:35 05:41 05:41 Peak...c/s=194 Tot Cts=578
 Wavelength=1526A Wave length=1526A Exp #=17778
 HXRBS 08:19:50 08:20:01 08:20:08 08:20:08 Associated Event # = 7213
 UVSP 08:22 08:22 08:22 08:22 Qual=01 Tot Cts=130
 Wavelength=1526A Wave length=1526A Exp #=17791
 HXRBS 08:22:46 08:22:57 08:23:14 08:23:14 Associated Event # = 7214
 UVSP 08:22 08:22 08:22 08:22 Qual=01 Tot Cts=488
 Wavelength=1526A Wave length=1526A Exp #=17791
 HXRBS 08:44:24 08:44:31 08:45:05 08:45:05 Associated Event # = 7215
 UVSP 08:38 08:38 08:38 08:38 Peak...c/s=92 Tot Cts=435
 Wavelength=1526A Wave length=1526A Exp #=17794
 HXRBS 05:15:41 05:15:50 05:15:58 05:15:58 Associated Event # = 8322
 UVSP 05:13 05:13 05:13 05:13 Peak...c/s=107 Tot Cts=893
 Wavelength=1526A Wave length=1526A Exp #=17776
 Rast=10"x10" Step=0" Pitch=+110",Yaw=+638"
 Maxkey=48
 Flags=I
 Step=15" Pitch=+110",Yaw=+638"
 Rast=265"x265" Step=0" Pitch=+103",Yaw=+635"
 Maxkey=67
 Step=15" Pitch=+110",Yaw=+638"
 Rast=10"x10" Step=0" Pitch=+88",Yaw=+621"

Event # = 20606
 84/05/21,11:48 Start DOY=142 Peak
 SMM Pointing: S12E42
 Pitch=+173",Yaw=+622",Roll=0deg H.Ang=43deg
 Carr.Lon.=4deg H.Ang=34deg
 Optical
 GOES 11:35 11:48 11:52 11:52 S13E32 AR4492
 HXRBS 11:40 11:42 11:42 11:42 S11E55 AR4494
 BCS 11:32 11:32 11:42 11:42 CaPeak.c/s=26 FePeak.c/s=11 dt= 7.7s
 UVSP 11:32 11:32 11:42 11:42 Wavelength=1526A Code=00 Exp #=17808
 Radio Sweeps Type/Intensity:
 V/1

Event # = 7217
 84/05/21,13:14 Start DOY=142 Peak
 SMM Pointing: S12E41
 Pitch=+173",Yaw=+611",Roll=0deg H.Ang=42deg
 Carr.Lon.=341deg H.Ang=55deg
 Optical
 GOES 13:13:58 13:14:36 13:16:01 13:16:01 Qual=00
 HXRBS 13:13:58 13:14:36 13:16:01 13:16:01 Peak...c/s=118 Tot Cts=2587
 UVSP 13:21 13:21 13:21 13:21 Wavelength=1526A Qual=01 Exp #=17817
 Rast=265"x265" Step=15" Pitch=+109",Yaw=+605"

Event # = 7218
 84/05/21,13:35 Start DOY=142 Peak
 Optical 13:24 13:35 13:59 End times
 GOES 13:25:09 13:26:38 13:35:24
 HXRBS 13:26 13:32 13:57
 BCS 13:32 13:37
 FCS 13:37
 UVSP 13:21
 Radio Sweeps
 Radio Frequency (MHz)/Flux(sfu): 245/41 410/46 606/26 1415/110 2695/18 4995/13 8800/40 15400/37

SMM Pointing: S12E41
 Ha...Class=SN
 Importance=C2
 Peak...c/s=1544
 CaPeak.c/s=88
 Peak3..c/s=615
 Wavelength=1526A
 Code=00 Exp #=17818
 III/1 V/1

Pitch=+173",Yaw=+611",Roll=0deg
 Mac.=FKI Carr.Lon.=350deg
 MaxkeV=150 dt= 3.8s XEN=414202
 FePeak.c/s=16 #Peaks=3
 Rast=0"x0" Step=0" Cad= 768s 768.0s/pixel
 Rast=10"x10" Step=0" Pitch=+101",Yaw=+583"

Event # = 7219
 84/05/21,14:05 Start DOY=142 Peak
 Optical 14:00 14:05 14:08 End times
 GOES 14:00:11 14:00:25 14:00:39
 HXRBS 13:58 14:00 14:00
 BCS 13:58 14:00 14:00
 FCS 13:58 14:00 14:00
 UVSP 13:51
 Radio Frequency (MHz)/Flux(sfu): 1415/11 2695/28 4995/36 8800/36 15400/86

SMM Pointing: S12E41
 Ha...Class=1B
 Importance=C9
 Peak...c/s=82
 CaPeak.c/s=26
 Peak3..c/s=131
 Wavelength=1526A
 Code=01 Exp #=17822
 1415/11 2695/28 4995/36 8800/36 15400/86

Pitch=+173",Yaw=+611",Roll=0deg
 Mac.=FKI Carr.Lon.=351deg
 MaxkeV=48 dt= 7.7s XEN=414205
 FePeak.c/s=13 #Peaks=1
 Rast=0"x0" Step=0" Cad= 768s 768.0s/pixel
 Rast=10"x10" Step=0" Pitch=+101",Yaw=+580"

Event # = 20607
 84/05/21,15:10 Start DOY=142 Peak
 Optical 14:50 15:10 15:20 End times
 GOES 14:55 15:00 15:18
 BCS 14:55 15:00 15:18
 FCS 14:55 15:16
 UVSP 14:55
 Radio Frequency (MHz)/Flux(sfu): 2695/13

SMM Pointing: S12E40
 Importance=C1
 CaPeak.c/s=25
 Peak3..c/s=37
 Wavelength=1526A
 Code=00 Exp #=17826
 2695/13

Pitch=+174",Yaw=+599",Roll=0deg
 Mac.=FKI Carr.Lon.=351deg
 MaxkeV=67 dt= 7.7s XEN=414206
 FePeak.c/s=16 #Peaks=1
 Rast=120"x60" Step=15" Cad=2998s 93.70s/pixel
 Rast=10"x10" Step=0" Pitch=+162",Yaw=+528"

Event # = 7220
 84/05/21,16:21 Start DOY=142 Peak
 Optical 16:10 16:21 16:24 End times
 GOES 16:13:08 16:20:47 16:24:20
 HXRBS 16:12 16:25 16:52
 BCS 16:12 16:25 16:52
 FCS 16:15 16:33
 UVSP 16:15
 Radio Sweeps
 Radio Frequency (MHz)/Flux(sfu): 2695/13

SMM Pointing: S12E40
 Ha...Class=SN
 Importance=C8
 Peak...c/s=632
 CaPeak.c/s=166
 Peak3..c/s=449
 Wavelength=1526A
 Code=00 Exp #=17832
 V/1

Pitch=+174",Yaw=+597",Roll=0deg
 Mac.=FKI Carr.Lon.=351deg
 MaxkeV=67 dt= 3.8s XEN=414207
 FePeak.c/s=18 #Peaks=3
 Rast=420"x420" Step=10" Cad=1806s 1.02s/pixel
 Rast=10"x10" Step=0" Pitch=+162",Yaw=+564"

Event # = 7221
 84/05/21,16:32 Start DOY=142 Peak
 Optical 16:30 16:32 16:39 End times
 GOES 16:30 16:32 16:39
 HXRBS 16:32:15 16:32:19 16:33:36
 UVSP 16:15 16:15

SMM Pointing: S12E40
 Importance=C4
 Peak...c/s=114
 Wavelength=1526A
 Code=01 Exp #=17832

Pitch=+174",Yaw=+597",Roll=0deg
 MackeV=48 dt= 3.8s XEN=414207
 Rast=10"x10" Step=0" Pitch=+162",Yaw=+564"

Event # = 7222		84/05/21, 16:46		DOY=142		SMM Pointing:		S12E39		Pitch=+174", Yaw=+587", Roll=0deg		H. Ang=40deg	
Start		Peak		Peak		Ha...Class=SN		S08E42		Mac. =FKI		H. Ang=42deg	
Optical		16:39		16:46		Importance=C3		Qual=01		Carr. Lon. =351deg			
GOES		16:41:00		16:45:59		Peak...c/s=176		Qual=01		MaxkeV=67			
HXRB		16:45		16:46:47		Wave length=1526A		Code=00		Rast=265"x265"		Step=15" Pitch=+109", Yaw=+582"	
UVSP										Exp #=17835			
Event # = 7224		84/05/21, 17:47		DOY=142		SMM Pointing:		S12E39		Pitch=+174", Yaw=+587", Roll=0deg		H. Ang=40deg	
Start		Peak		Peak		Ha...Class=IB		S08E42		Mac. =FKI		H. Ang=42deg	
Optical		17:42		17:47		Importance=C8		Qual=05		Carr. Lon. =351deg			
GOES		17:46:33		17:46:44		Peak...c/s=414		Qual=02		MaxkeV=150			
HXRB		17:52		17:50:51		Wave length=1526A		Code=02		Rast=265"x265"		Step=15" Pitch=+143", Yaw=+605"	
UVSP						III/I				Exp #=17839			
Radio Sweeps						Type/Intensity:							
Radio		21:14		245/42 410/15 606/17 1415/100 2695/40 4995/38 8800/110 15400/59									
Frequency (MHz)/Flux(sfu):													
Event # = 7225		84/05/21, 18:11		DOY=142		SMM Pointing:		S14E42		Pitch=+207", Yaw=+611", Roll=0deg		H. Ang=43deg	
Start		Peak		Peak		Ha...Class=IB		S06E42		Mac. =FKI		H. Ang=42deg	
Optical		17:57		18:11		Importance=M1		Qual=01		Carr. Lon. =350deg			
GOES		17:57:34		18:05:37		Peak...c/s=1286		Qual=01		MaxkeV=150			
HXRB		17:46		18:10		CaPeak.c/s=1113		Qual= 1		FePeak=18:07		#Peaks=2 dt= 7.7s XEN=414208	
BCS		17:46		18:19		Peak3...c/s=2091		Code=00		Rast=420"x420"		Cad=1806s 1.024s/pixel	
FCS						Wave length=1526A				Step=0" Pitch=+165", Yaw=+507"			
UVSP		18:08		18:19		V/3				Exp #=17842			
Radio Sweeps						Type/Intensity:							
Radio		21:14		245/3800 410/59 606/19 1415/220 2695/140 4995/24 8800/18 15400/15									
Frequency (MHz)/Flux(sfu):													
Event # = 7226		84/05/21, 19:44		DOY=142		SMM Pointing:		S14E41		Pitch=+206", Yaw=+600", Roll=0deg		H. Ang=42deg	
Start		Peak		Peak		Ha...Class=SN		S08E41		Mac. =FKI		H. Ang=41deg	
Optical		19:38		19:44		Importance=C4		Qual=01		Carr. Lon. =351deg			
GOES		19:38:29		19:38:52		Peak...c/s=88		Qual=01		MaxkeV=48			
HXRB		19:21		20:01		CaPeak.c/s=205		Qual= 3		FePeak=20:01		#Peaks=3 dt= 7.7s XEN=414216	
BCS		19:21		19:56		Peak3...c/s=740		Code=00		Rast=265"x265"			
FCS						III/I				Exp #=8324			
UVSP		21:14		19:57:45		Associated Event # = 8324				MaxkeV=48			
Radio Sweeps						Qual=01				Flags=I			
Radio		21:14		245/120 410/220 606/390 1415/230 2695/270 4995/320 8800/810 15400/1400									
Frequency (MHz)/Flux(sfu):													
Event # = 20608		84/05/21, 20:23		DOY=142		SMM Pointing:		S14E41		Pitch=+206", Yaw=+600", Roll=0deg		H. Ang=42deg	
Start		Peak		Peak		Ha...Class=2B		S08E41		Mac. =FKI		H. Ang=41deg	
Optical		20:15		20:23		Importance=X2		Qual=05		Carr. Lon. =350deg			
GOES		20:55		20:56		CaPeak.c/s=533		Qual= 5		FePeak=20:56		#Peaks=2	
BCS		20:55		21:16		Peak3...c/s=615		Code=00		Rast=420"x420"		Cad=1806s 1.024s/pixel	
FCS						Wave length=1526A				Step=15" Pitch=+143", Yaw=+583"			
UVSP		21:14		21:18		III/I				Exp #=17848			
Radio Sweeps						Type/Intensity:							
Radio		21:14		245/120 410/220 606/390 1415/230 2695/270 4995/320 8800/810 15400/1400									
Frequency (MHz)/Flux(sfu):													

84/05/22 DOY=143

Event # = 20650
 84/05/22, 00:39 Start DOY=143 Peak SMM Pointing: S14E38
 Pitch=+205", Yaw=+569", Roll=0deg H. Ang=40deg
 GOES 00:14 00:39 End times Qual=00
 BCS 00:14 00:39 CaPeak.c/s=22 FePeak=00:18 XEN=414300
 UVSP 00:37 00:39 Wavelength=1526A Exp #=17864 Rast=10"x10" Step=0" Pitch=+224", Yaw=+447"

Event # = 20609
 84/05/22, 02:56 Start DOY=143 Peak SMM Pointing: S14E37
 Pitch=+206", Yaw=+557", Roll=0deg H. Ang=39deg
 Optical 02:49 02:56 End times Ha...Class=SB S09E31
 GOES 02:49 02:56 Importance=C5 AR4492 Carr. Lon.=357deg H. Ang=32deg
 BCS 03:13 03:14 CaPeak.c/s=40 FePeak=03:14 XEN=414312
 FCS 03:15 03:15 Peak3...c/s=38 Wavelength=1526A Exp #=17874 Cad=3840s 3840s/pixel
 UVSP 03:15 03:15 Wavelength=1526A Exp #=17874 Rast=265" x265" Step=15" Pitch=+141", Yaw=+540"
 Radio Frequency(MHz)/Flux(sfu): 2695/64 4995/72 8800/35 15400/40

Event # = 20610
 84/05/22, 04:41 Start DOY=143 Peak SMM Pointing: S14E36
 Pitch=+205", Yaw=+546", Roll=0deg H. Ang=38deg
 Optical 04:38 04:41 End times Ha...Class=SB S08E37
 Optical 04:48 04:48 Ha...Class=SN S09E51
 GOES 04:38 04:41 Importance=C3 Qual=05 AR4492 Carr. Lon.=350deg H. Ang=37deg
 BCS 04:48 04:50 CaPeak.c/s=29 Qual=5 AR4494 Carr. Lon.=336deg H. Ang=51deg
 FCS 04:50 04:50 Peak3...c/s=26 Wavelength=1526A Exp #=17882 XEN=414313
 UVSP 04:50 04:50 Wavelength=1526A Exp #=17882 Rast=265" x265" Step=15" Pitch=+141", Yaw=+529"
 Radio Frequency(MHz)/Flux(sfu): 2695/5 4995/9 8800/18 15400/17

Event # = 7229
 84/05/22, 05:06 Start DOY=143 Peak SMM Pointing: S14E35
 Pitch=+205", Yaw=+534", Roll=0deg H. Ang=37deg
 Optical 05:01 05:06 End times Ha...Class=SB S09E32
 GOES 05:01 05:06 Importance=C2 Qual=01 AR4492 Carr. Lon.=354deg H. Ang=33deg
 HXRBS 05:06:02 05:06:10 CaPeak.c/s=181 Peak...c/s=8 MaxkeV=108
 BCS 05:05 05:05 CaPeak.c/s=21 Qual=1 Tot Cts=704 FePeak.c/s=8 XEN=414318
 UVSP 05:06 05:06 Wavelength=1526A Code=02 Exp #=17885 Step=0" Pitch=+223", Yaw=+430"
 Associated Event # = 7228
 HXRBS 05:05:18 05:05:38 Peak...c/s=118 Tot Cts=674 MaxkeV=67
 UVSP 05:04 05:04 Wavelength=1526A Exp #=17884 Rast=265" x265" Step=15" Pitch=+141", Yaw=+527"

Event # = 8326
 84/05/22, 06:38 Start DOY=143 Peak SMM Pointing: S14E35
 Pitch=+205", Yaw=+523", Roll=0deg H. Ang=36deg
 Optical 06:26 06:38 End times Ha...Class=1B S08E36
 GOES 06:26 06:38 Importance=M1 Qual=01 AR4492 Carr. Lon.=350deg H. Ang=36deg
 HXRBS 06:29:50 06:31:25 CaPeak.c/s=653 Peak...c/s=424 dt= 7.7s XEN=414320
 BCS 06:22 06:38 CaPeak.c/s=850 Qual=1 FePeak=06:38 #Peaks=1 dt= 7.7s XEN=414320
 FCS 06:23 06:23 Peak3...c/s=26 Wavelength=1526A Exp #=17891 Cad=3840s 3840s/pixel
 UVSP 06:24 06:23 Wavelength=1526A Code=00 Exp #=17891 Step=0" Pitch=+88", Yaw=+435"
 Radio Frequency(MHz)/Flux(sfu): 245/54 410/6 606/15 1415/18 2695/8 4995/13 8800/16 15400/20

Event # = 20612		84/05/22, 08:04		DOY=143		S14E34		SMM Pointing:		Pitch=+205", Yaw=+511", Roll=0deg		H. Ang=35deg	
Optical		Start		Peak									
GOES		08:01		08:04		S08E35		Ha...Class=SB		Mac.=FAI		H. Ang=35deg	
BCS		08:03		08:05		Qual=01		Importance=C1		Carr. Lon.=350deg			
FCS		08:04		08:09		Qual=1		CaPeak.c/s=43		#Peaks=2		dt= 7.7s	
UVSP		07:59		08:04		Code=00		Peak3..c/s=27		Step=10"		XEN=414325	
Radio		Frequency(MHz)/Flux(sfu):				245/73 410/13		Wavelength=1526A		Step=0"		Cad=1806s	
								245/73 410/13		Pitch=+88", Yaw=+424"			
Event # = 20613		84/05/22, 08:24		DOY=143		S14E34		SMM Pointing:		Pitch=+205", Yaw=+511", Roll=0deg		H. Ang=35deg	
Optical		Start		Peak									
GOES		08:20		08:24		S09E30		Ha...Class=SB		Mac.=FAI		H. Ang=31deg	
BCS		08:21		08:23		Qual=01		Importance=C1		Carr. Lon.=355deg			
FCS		08:22		08:27		Qual=1		CaPeak.c/s=26		#Peaks=3		dt= 7.7s	
UVSP		08:15		08:22		Code=00		Peak3..c/s=19		Step=10"		XEN=414326	
Radio		Frequency(MHz)/Flux(sfu):				245/350 410/33 606/15 1415/16 2695/7 4995/8 8800/11		Wavelength=1526A		Step=0"		Cad=1806s	
								245/350 410/33 606/15 1415/16 2695/7 4995/8 8800/11		Pitch=+223", Yaw=+407"			
Event # = 20614		84/05/22, 09:32		DOY=143		S14E33		SMM Pointing:		Pitch=+204", Yaw=+500", Roll=0deg		H. Ang=35deg	
Optical		Start		Peak									
GOES		09:24		09:32		S09E34		Ha...Class=SB		Mac.=FAI		H. Ang=35deg	
BCS		09:31		09:31		Qual=05		Importance=C2		Carr. Lon.=350deg			
FCS		09:33		09:42		Qual=5		CaPeak.c/s=95		#Peaks=1		XEN=414329	
UVSP		09:33		09:33		Code=02		Peak3..c/s=35		Step=0"		Cad=3840s	
Radio		Frequency(MHz)/Flux(sfu):				245/350 410/33 606/15 1415/16 2695/7 4995/8 8800/11		Wavelength=1526A		Step=15"		Pitch=+141", Yaw=+494"	
								245/350 410/33 606/15 1415/16 2695/7 4995/8 8800/11		Pitch=+141", Yaw=+494"			
Event # = 7227		84/05/22, 11:14		DOY=143		S14E32		SMM Pointing:		Pitch=+204", Yaw=+490", Roll=0deg		H. Ang=34deg	
Optical		Start		Peak									
GOES		11:10		11:14		S08E33		Ha...Class=SN		Mac.=FAI		H. Ang=33deg	
HXRBS		11:12:59		11:13:52		Qual=01		Importance=C2		Carr. Lon.=350deg			
BCS		11:12		11:14		Qual=01		Peak...c/s=89		#Peaks=1		XEN=414332	
FCS		11:12		11:14		Code=00		CaPeak.c/s=145		Step=0"		Cad=1806s	
UVSP		11:07		11:15		Code=00		Peak3..c/s=25		Step=0"		Pitch=+222", Yaw=+371"	
Radio		Frequency(MHz)/Flux(sfu):				245/350 410/33 606/15 1415/16 2695/7 4995/8 8800/11		Wavelength=1526A		Step=0"		Pitch=+222", Yaw=+371"	
								245/350 410/33 606/15 1415/16 2695/7 4995/8 8800/11		Step=0"		Pitch=+222", Yaw=+371"	
Event # = 7230		84/05/22, 14:25		DOY=143		S14E30		SMM Pointing:		Pitch=+205", Yaw=+465", Roll=0deg		H. Ang=32deg	
Optical		Start		Peak									
GOES		14:25:32		14:25:49		Qual=06		Peak...c/s=84		MaxkeV=67			
HXRBS		14:25:32		14:25:49		Qual=01		Wavelength=1526A		Step=0"		Pitch=+223", Yaw=+347"	
UVSP		14:16		14:26:41		Code=00		Peak...c/s=84		Step=0"		Pitch=+223", Yaw=+347"	
Radio		Frequency(MHz)/Flux(sfu):				245/350 410/33 606/15 1415/16 2695/7 4995/8 8800/11		Wavelength=1526A		Step=0"		Pitch=+223", Yaw=+347"	
								245/350 410/33 606/15 1415/16 2695/7 4995/8 8800/11		Step=0"		Pitch=+223", Yaw=+347"	
Event # = 7231		84/05/22, 14:31		DOY=143		S14E30		SMM Pointing:		Pitch=+204", Yaw=+463", Roll=0deg		H. Ang=32deg	
Optical		Start		Peak									
GOES		14:30:26		14:31:55		Qual=06		Peak...c/s=95		MaxkeV=108			
HXRBS		14:30:26		14:31:55		Qual=01		Wavelength=1526A		Step=0"		Pitch=+223", Yaw=+347"	
UVSP		14:16		14:33:44		Code=00		Peak...c/s=95		Step=0"		Pitch=+223", Yaw=+347"	
Radio		Frequency(MHz)/Flux(sfu):				245/350 410/33 606/15 1415/16 2695/7 4995/8 8800/11		Wavelength=1526A		Step=0"		Pitch=+223", Yaw=+347"	
								245/350 410/33 606/15 1415/16 2695/7 4995/8 8800/11		Step=0"		Pitch=+223", Yaw=+347"	

Event # = 7232	DOY=143	SMM Pointing:	S14E30	Pitch=+205",	Yaw=+462",	Roll=0deg	H. Ang=32deg
84/05/22, 15:03	Peak	Ha...Class=2B	S09E24	Mac.=FAI	Carr. Lon.=357deg		H. Ang=25deg
Optical	15:03	Importance=M6	Qual=03				
GOES	14:50	Peak...c/s=8748	Qual=03	Tot Cts=1.72E+6	Flags=M,EN,FS		
HXRBS	14:52:07	CaPeak.c/s=3152	Qual=1	FePeak=15:00			XEN=414334
GRS	14:57:00	Peak3...c/s=1810	Code=00	Exp #=17937			1.024s/pixel
BGS	14:52	Wavelength=1526A	IV/2	245/690	410/190	606/250	1415/250
FCS	15:11	Type/Intensity:		2695/560	8800/690	15400/470	
UVSP	15:02	Frequency(MHz)/Flux(sfu):					
Radio Sweeps							
Radio							
Event # = 7233	DOY=143	SMM Pointing:	S14E29	Pitch=+205",	Yaw=+452",	Roll=0deg	H. Ang=32deg
84/05/22, 15:57	Peak	Ha...Class=2B	Qual=00				
Optical	15:57:39	Importance=M6	Qual=01	MaxkeV=48	Step=0"	Pitch=+178"	Yaw=+365"
GOES	15:57:39	Peak...c/s=66	Code=00	Rast=10"x10"			
HXRBS	15:58:30	Wavelength=1526A	IV/2	Exp #=17939			
UVSP	15:52	Type/Intensity:					
Radio Sweeps							
Radio							
Event # = 7234	DOY=143	SMM Pointing:	S14E29	Pitch=+205",	Yaw=+452",	Roll=0deg	H. Ang=32deg
84/05/22, 16:03	Peak	Ha...Class=2B	Qual=00				
Optical	16:03:45	Importance=M6	Qual=01	MaxkeV=48	Step=0"	Pitch=+178"	Yaw=+365"
GOES	16:03:45	Peak...c/s=77	Code=01	Rast=10"x10"			
HXRBS	16:04:52	Wavelength=1526A	IV/2	Exp #=17939			
UVSP	16:06	Type/Intensity:					
Radio Sweeps							
Radio							
Event # = 20641	DOY=143	SMM Pointing:	S14E29	Pitch=+205",	Yaw=+452",	Roll=0deg	H. Ang=32deg
84/05/22, 16:28	Peak	Ha...Class=2B	Qual=02				
Optical	16:28	Importance=C2	Qual=2	FePeak=16:27	#Peaks=1	XEN=414337	
GOES	16:23	CaPeak.c/s=29	Code=01	Exp #=17941			
BGS	16:23	Wavelength=1526A	IV/2				
UVSP	16:06	Type/Intensity:					
Radio Sweeps							
Radio							
Event # = 7235	DOY=143	SMM Pointing:	S14E29	Pitch=+205",	Yaw=+440",	Roll=0deg	H. Ang=31deg
84/05/22, 17:40	Peak	Ha...Class=1N	S14E53	Mac.=AXX	Carr. Lon.=327deg		H. Ang=54deg
Optical	17:40	Importance=C1	S09E23		Carr. Lon.=357deg		H. Ang=24deg
GOES	17:34	CaPeak.c/s=93	Qual=01	MaxkeV=48			
HXRBS	17:44:07	Peak...c/s=19	Qual=1	FePeak=17:38	#Peaks=1	XEN=414338	
BGS	17:38	Wavelength=1526A	Code=00	Exp #=17945			
UVSP	17:26	Type/Intensity:					
Radio Sweeps							
Radio							
Event # = 7236	DOY=144	SMM Pointing:	S14E24	Pitch=+204",	Yaw=+378",	Roll=0deg	H. Ang=27deg
84/05/23, 01:46	Peak	Ha...Class=2B	Qual=01				
Optical	01:46	Importance=B5	Qual=01	MaxkeV=67			
GOES	01:43	Peak...c/s=99	Code=01				
HXRBS	01:43:19	Wavelength=1526A	IV/2				
UVSP	01:43	Type/Intensity:					
Radio Sweeps							
Radio							

84/05/23 DOY=144

Event # = 7237		SMM Pointing:		S14E23		Pitch=+203", Yaw=+365", Roll=0deg		H.Ang=26deg	
84/05/23, 02:59	DOY=144	Start	Peak	End times					
Optical									
GOES 02:54	02:59	03:04			Ha...Class=SN	S08E18	AR4492	Mac.=FHI	Carr. Lon.=356deg
HXRBS 02:56:23	02:56:47	02:57:34			Importance=C1	Qual=01		MaxkeV=48	#Peaks=1 dt= 3.8s
BCS 02:57	02:58	03:02			Peak...c/s=128	Qual=01		Rast=300"x300"	Step=10" Cad= 922s
FCS	02:57				CaPeak.c/s=59	Qual= 1		Rast=265"x265"	Step=15" Pitch=+139", Yaw=+355"
UVSP	03:21				Peak3...c/s=21				
Radio	Frequency(MHz)/Flux(sfu):	410/28	606/60	2695/4	4995/9	8800/15	15400/6		
Event # = 7238		SMM Pointing:		S14E22		Pitch=+203", Yaw=+347", Roll=0deg		H.Ang=25deg	
84/05/23, 05:12	DOY=144	Start	Peak	End times					
Optical									
GOES 05:00	05:12	05:21			Ha...Class=1B	S08E24	AR4492	Mac.=FHI	Carr. Lon.=349deg
HXRBS 05:09:17	05:11:12	05:17:41			Importance=M1	Qual=01		MaxkeV=172	Flags=M
BCS 04:51	05:12	05:22			Peak...c/s=5875	Qual=01		FePeak.c/s=327	#Peaks=3 dt= 7.7s
FCS	05:17				CaPeak.c/s=1409	Qual= 1		Rast=420"x420"	Cad=1806s
UVSP	04:57				Peak3...c/s=26			Rast=10"x10"	Step=0" Pitch=+86", Yaw=+230"
Radio	Frequency(MHz)/Flux(sfu):	245/75	410/830	606/140	1415/86	2695/84	4995/340	8800/200	15400/230
Event # = 7239		SMM Pointing:		S14E22		Pitch=+203", Yaw=+347", Roll=0deg		H.Ang=25deg	
84/05/23, 06:03	DOY=144	Start	Peak	End times					
GOES	06:03:36	06:03:47	06:04:12		Peak...c/s=63	Qual=00		MaxkeV=67	
HXRBS	06:01				Wavelength=1526A	Qual=01		Rast=10"x10"	Step=0" Pitch=+86", Yaw=+252"
UVSP					III/1				
Radio	Sweeps	Type/Intensity:							
Event # = 7240		SMM Pointing:		S14E19		Pitch=+204", Yaw=+300", Roll=0deg		H.Ang=22deg	
84/05/23, 11:26	DOY=144	Start	Peak	End times					
GOES	11:20	11:30	11:30		Importance=B5	Qual=01		MaxkeV=67	
HXRBS	11:22:04	11:22:36	11:22:55		Peak...c/s=99	Qual=01		Rast=10"x10"	Step=0" Pitch=+101", Yaw=+223"
UVSP	11:16				Wavelength=1526A	Code=00			
Radio	Sweeps	Type/Intensity:							
Event # = 7241		SMM Pointing:		S14E18		Pitch=+203", Yaw=+286", Roll=0deg		H.Ang=22deg	
84/05/23, 12:18	DOY=144	Start	Peak	End times					
Optical									
GOES 12:14	12:18	12:28			Ha...Class=SN	S12E12	AR4492	Mac.=FHI	Carr. Lon.=357deg
HXRBS 12:16:38	12:17:28	12:20:29			Importance=C2	Qual=04		MaxkeV=67	
BCS 12:16	12:20	12:32			Peak...c/s=170	Qual=01		FePeak.c/s=26	#Peaks=1 dt= 3.8s
FCS	12:28				CaPeak.c/s=122	Qual= 4		Rast=300"x300"	Step=10" Cad= 922s
UVSP	12:18				Peak3...c/s=558			Rast=265"x265"	Step=15" Pitch=+139", Yaw=+281"
Radio	Frequency(MHz)/Flux(sfu):	4995/19	8800/48	15400/19					
Event # = 7242		SMM Pointing:		S14E18		Pitch=+203", Yaw=+286", Roll=0deg		H.Ang=22deg	
84/05/23, 12:57	DOY=144	Start	Peak	End times					
GOES	12:51	12:57	13:04		Importance=C1	Qual=01		MaxkeV=48	
HXRBS 12:52:43	12:53:37	12:55:02			Peak...c/s=76	Qual=01		FePeak.c/s=9	#Peaks=1
BCS 12:51	12:53	13:01			CaPeak.c/s=22	Qual= 1		Rast=10"x10"	Step=0" Pitch=+191", Yaw=+180"
UVSP	12:49				Wavelength=1526A	Code=00			
Radio	Frequency(MHz)/Flux(sfu):	245/99							

Event # = 7243
 84/05/23, 23:52 Start DOY=144 Peak
 Optical 23:43 23:52 00:01 End times
 G0ES 23:45:15 23:46:24 23:52:14
 HXRBS 23:31 23:50 00:11
 BCS 23:54
 FCS
 Radio Sweeps Type/Intensity:
 Radio Frequency (MHz)/Flux(sfu): 245/340 410/150 606/140 1415/13 2695/12
 SMM Pointing: S14E11
 Ha...Class=1B
 Importance=C5
 Peak...c/s=175
 CaPeak.c/s=138
 Peak3...c/s=78
 III/2
 245/340 410/150 606/140 1415/13 2695/12
 AR4492
 Tot Cts=12366
 FePeak=23:51
 #Peaks=1
 dt= 3.8s
 XEN=414414
 Rast=0"x0" Cad= 768s
 768.0s/pixel
 H. Ang=17deg
 Carr. Lon.=5deg
 H. Ang=10deg
 Mac.=FHI
 MaxkeV=67
 FePeak.c/s=36
 #Peaks=1
 dt= 3.8s
 XEN=414500
 Rast=180"x180" Step=10" Cad= 332s
 1.024s/pixel

84/05/24, 05:39 Start DOY=145 Peak
 Optical 05:37 05:39 05:41 End times
 G0ES 05:37:38 05:37:51 05:38:15
 HXRBS 05:38 05:38 05:39
 BCS 05:38
 FCS
 Radio Frequency (MHz)/Flux(sfu): 4995/6 8800/37 15400/20
 SMM Pointing: S14E08
 Ha...Class=SF
 Importance=B9
 Peak...c/s=186
 CaPeak.c/s=20
 Peak3...c/s=77
 4995/6 8800/37 15400/20
 AR4492
 Tot Cts=3523
 FePeak=05:38
 #Peaks=1
 dt= 3.8s
 XEN=414500
 Rast=180"x180" Step=10" Cad= 332s
 1.024s/pixel
 H. Ang=14deg
 Carr. Lon.=352deg
 H. Ang=15deg
 Mac.=FAO
 MaxkeV=67
 FePeak.c/s=10
 #Peaks=1
 dt= 3.8s
 XEN=414500
 Rast=180"x180" Step=10" Cad= 332s
 1.024s/pixel

Event # = 8329
 84/05/24, 05:51 Start DOY=145 Peak
 Optical 05:49 05:51 06:00 End times
 G0ES 05:50:17 05:50:55 05:52:33
 HXRBS
 Radio Frequency (MHz)/Flux(sfu):
 SMM Pointing: S14E08
 Importance=B9
 Peak...c/s=75
 4995/6 8800/37 15400/20
 AR4492
 Tot Cts=7055
 FePeak=06:25
 #Peaks=1
 dt= 3.8s
 XEN=414500
 Rast=180"x180" Step=10" Cad= 332s
 1.024s/pixel
 H. Ang=14deg
 Carr. Lon.=349deg
 H. Ang=11deg
 Mac.=FAO
 MaxkeV=48
 FePeak.c/s=9
 #Peaks=2
 dt= 7.7s
 XEN=414501
 Rast=180"x180" Step=10" Cad= 664s
 2.048s/pixel

Event # = 20615
 84/05/24, 06:25 Start DOY=145 Peak
 Optical 06:22 06:25 06:26 End times
 G0ES 06:22 06:25 06:26
 BCS 06:22
 FCS
 Radio Frequency (MHz)/Flux(sfu):
 SMM Pointing: S14E07
 Ha...Class=SF
 Importance=C1
 CaPeak.c/s=25
 Peak3...c/s=47
 4995/6 8800/37 15400/20
 AR4492
 Tot Cts=6408
 FePeak=12:49
 #Peaks=1
 dt= 3.8s
 XEN=414504
 Rast=180"x180" Step=10" Cad= 664s
 2.048s/pixel
 H. Ang=13deg
 Carr. Lon.=347deg
 H. Ang=11deg
 Mac.=FAO
 FePeak.c/s=11
 #Peaks=1
 dt= 3.8s
 XEN=414502
 Rast=180"x180" Step=10" Cad= 664s
 2.048s/pixel

Event # = 20616
 84/05/24, 10:22 Start DOY=145 Peak
 Optical 10:22 10:22 10:29 End times
 G0ES 10:22 10:22 10:29
 BCS 10:22
 FCS
 Radio Frequency (MHz)/Flux(sfu):
 SMM Pointing: S14E05
 Ha...Class=IN
 CaPeak.c/s=21
 4995/6 8800/37 15400/20
 AR4492
 Tot Cts=6408
 FePeak=12:49
 #Peaks=1
 dt= 3.8s
 XEN=414504
 Rast=180"x180" Step=10" Cad= 664s
 2.048s/pixel
 H. Ang=13deg
 Carr. Lon.=357deg
 H. Ang=10deg
 Mac.=FAO
 MaxkeV=88
 FePeak.c/s=23
 #Peaks=1
 dt= 3.8s
 XEN=414504
 Rast=180"x180" Step=10" Cad= 664s
 2.048s/pixel

Event # = 7250
 84/05/24, 12:49 Start DOY=145 Peak
 Optical 12:44 12:49 12:53 End times
 G0ES 12:46:53 12:47:31 12:49:58
 HXRBS 12:47 12:48 12:50
 BCS 12:48
 FCS
 Radio Frequency (MHz)/Flux(sfu):
 SMM Pointing: S14E04
 Ha...Class=SN
 Importance=C1
 Peak...c/s=284
 CaPeak.c/s=63
 Peak3...c/s=28
 4995/6 8800/37 15400/20
 AR4492
 Tot Cts=6408
 FePeak=12:49
 #Peaks=1
 dt= 3.8s
 XEN=414504
 Rast=180"x180" Step=10" Cad= 664s
 2.048s/pixel
 H. Ang=13deg
 Carr. Lon.=357deg
 H. Ang=10deg
 Mac.=FAO
 MaxkeV=88
 FePeak.c/s=23
 #Peaks=1
 dt= 3.8s
 XEN=414504
 Rast=180"x180" Step=10" Cad= 664s
 2.048s/pixel

Event # = 7251
 84/05/24, 14:10 DOY=145 Peak
 Start 14:10
 End times 14:12
 GOES 14:07
 HXRBS 14:09:09 14:09:22 14:10:14
 SMM Pointing: S14E03
 Pitch=+203", Yaw=+52", Roll=0deg H. Ang=13deg
 Qual=01
 Qual=01
 Maxkey=48
 Importance=87
 Peak...c/s=61

84/05/25 DOY=146
 Event # = 7252
 84/05/25, 02:23 DOY=146 Peak
 Start 02:23
 End times 02:27
 GOES 02:23:05 02:23:17 02:23:27
 HXRBS 02:20
 UVSP 02:20
 SMM Pointing: S14W06
 Pitch=+206", Yaw=-102", Roll=0deg H. Ang=14deg
 Qual=00
 Qual=01
 Maxkey=48
 Rast=30"x30" Step=0" Pitch=+104", Yaw=-71"
 Exp # = 18043

Event # = 7269
 84/05/25, 04:26 DOY=146 Peak
 Start 04:19
 End times 04:29
 GOES 04:21:19 04:23:06 04:24:00
 HXRBS 04:22 04:26 04:31
 BCS 04:25
 FCS 04:25
 UVSP 04:25
 Radio Frequency (MHz)/Flux(sfu): 4995/12 8800/10
 HXRBS 04:24:25 04:25:22 04:26:36
 UVSP 04:11
 SMM Pointing: S14W07
 Ha...Class=IN
 Importance=C2
 Peak...c/s=614
 CaPeak.c/s=116
 Peak3...c/s=85
 Wavelength=1524A
 4995/12 8800/10
 Associated
 Event # = 7270
 Qual=01
 Tot Cts=3380
 FePeak=04:25
 Exp # = 18054
 Pitch=+206", Yaw=-116", Roll=0deg H. Ang=14deg
 Mac.=FAI Carr. Lon.=350deg H. Ang=7deg
 Maxkey=129 Flags=FS
 FePeak.c/s=20 #Peaks=3 dt= 3.8s XEN=414600
 Rast=0"x0" Step=0" Cad= 768s 768.0s/pixel
 Rast=285"x285" Step=15" Pitch=+142", Yaw=-128"

Event # = 7271
 84/05/25, 07:11 DOY=146 Peak
 Start 06:59
 End times 07:16
 GOES 07:15:43 07:15:52 07:15:59
 HXRBS 07:05
 UVSP 07:05
 SMM Pointing: S14W09
 Ha...Class=SF
 Importance=B9
 Peak...c/s=69
 Wavelength=1524A
 4995/84 8800/130 15400/94
 Tot Cts=121
 Exp # = 18067
 Pitch=+206", Yaw=-144", Roll=0deg H. Ang=15deg
 Mac.=DSO Carr. Lon.=350deg H. Ang=6deg
 Maxkey=67
 Rast=30"x30" Step=0" Pitch=+74", Yaw=-203"

Event # = 7272
 84/05/25, 08:42 DOY=146 Peak
 Start 08:37
 End times 09:03
 GOES 08:38:37 08:39:57 08:45:10
 HXRBS 08:39
 UVSP 08:39
 Radio Frequency (MHz)/Flux(sfu): 410/22 606/27 1415/71 2695/46 4995/84 8800/130 15400/94
 HXRBS 08:45:23 08:47:17 08:51:56
 SMM Pointing: S14W10
 Ha...Class=SB
 Importance=M1
 Peak...c/s=1882
 Wavelength=1524A
 410/22 606/27 1415/71 2695/46 4995/84 8800/130 15400/94
 Associated
 Event # = 7273
 Qual=01
 Tot Cts=39111
 Pitch=+206", Yaw=-158", Roll=0deg H. Ang=16deg
 Mac.=FAI Carr. Lon.=352deg H. Ang=9deg
 Maxkey=219
 Rast=30"x30" Step=0" Pitch=+89", Yaw=-67"

Event # = 7274
 84/05/25, 15:03 DOY=146 Peak
 Start 14:55
 End times 15:19
 GOES 14:59:40 15:00:06 15:01:00
 HXRBS 14:57
 BCS 14:57
 FCS 14:57
 Radio Sweeps Type/Intensity: V/I
 SMM Pointing: S14W13
 Ha...Class=IN
 Importance=C3
 Peak...c/s=89
 CaPeak.c/s=90
 Peak3...c/s=30
 Wavelength=1524A
 4995/84 8800/130 15400/94
 Tot Cts=1230
 FePeak=15:02
 Exp # = 18066
 Pitch=+206", Yaw=-212", Roll=0deg H. Ang=18deg
 Mac.=FAI Carr. Lon.=1deg H. Ang=23deg
 Maxkey=48
 FePeak.c/s=21 #Peaks=2 dt= 3.8s XEN=414602
 Rast=420"x420" Step=10" Cad=1806s 1.024s/pixel

Event # = 7275	DOY=146	SMM Pointing:	S14W14	Pitch=+206", Yaw=-224", Roll=0deg	H. Ang=19deg
84/05/25, 16:35	Peak	End times	Qual=00		
GOES	16:35:26	16:35:40	Qual=01	MaxkeV=48	
HXRBS			Tot Cts=196		
Event # = 7276	DOY=146	SMM Pointing:	S14W16	Pitch=+203", Yaw=-250", Roll=0deg	H. Ang=20deg
84/05/25, 20:02	Peak	End times	S07W00	Mac. =DS0	H. Ang=6deg
Optical	19:56	20:02	Qual=02	MaxkeV=67	
GOES	19:57:15	19:58:10	Qual=03	Flags=EG	
HXRBS	19:59	20:01	Tot Cts=5378	#Peaks=1	XEN=414603
BCS			FePeak=20:01	Step=0"	768.0s/pixel
FCS	20:00	20:01	Qual= 3	Rast=0"x0"	
Radio	Frequency(MHz)/Flux(sfu):	2695/20 4995/18			
Event # = 8325	DOY=146	SMM Pointing:	S14W17	Pitch=+207", Yaw=-270", Roll=0deg	H. Ang=21deg
84/05/25, 21:33	Peak	End times	S11W24	Mac. =FAI	H. Ang=26deg
Optical	21:26	21:33	Qual=01	MaxkeV=67	
GOES	21:29:53	21:30:16	Qual=01	Flags=I	
HXRBS	21:29	21:32	Tot Cts=5347	#Peaks=1	XEN=414604
BCS			FePeak=21:31	Step=0"	768.0s/pixel
FCS	21:30	21:40	Qual= 3	Rast=0"x0"	
Radio	Type/Intensity:	III/2 V/2			
Radio	Frequency(MHz)/Flux(sfu):	245/140 410/13 2695/15			
Event # = 7277	DOY=147	SMM Pointing:	S14W19	Pitch=+207", Yaw=-306", Roll=0deg	H. Ang=23deg
84/05/26, 01:46	Peak	End times	S13W22	Mac. =FKI	H. Ang=25deg
Optical	01:42	01:46	Qual=01	MaxkeV=48	
GOES	01:43:38	01:44:15	Qual=01	FePeak.c/s=10	XEN=414700
HXRBS	01:44	01:45	Tot Cts=10481	Step=10"	1.024s/pixel
BCS			FePeak=01:45	Cad= 332s	
FCS	01:46	01:53	Qual= 1		
Radio	Type/Intensity:	III/2 V/2			
Radio	Frequency(MHz)/Flux(sfu):	245/140 410/13 2695/15			
Event # = 7278	DOY=147	SMM Pointing:	S14W25	Pitch=+208", Yaw=-396", Roll=0deg	H. Ang=28deg
84/05/26, 12:48	Peak	End times	Qual=00	MaxkeV=108	
GOES	12:47:25	12:48:13	Qual=01	Flags=AX	
HXRBS			Tot Cts=10481		
Event # = 7279	DOY=147	SMM Pointing:	S14W25	Pitch=+208", Yaw=-396", Roll=0deg	H. Ang=28deg
84/05/26, 13:25	Peak	End times	S14W31	Mac. =FKI	H. Ang=33deg
Optical	13:13	13:25	Qual=01	MaxkeV=67	
GOES	13:15:26	13:19:04	Qual=01	Flags=EG	
HXRBS	13:16	13:23	Tot Cts=10481	#Peaks=1	XEN=414703
BCS			FePeak=13:23	Step=15"	Pitch=+144", Yaw=-415"
FCS	13:30	13:38	Qual= 1	Rast=285"x285"	
UVSP	14:25	14:25	Exp #=18104	4995/30 8800/6 15400/16	
Radio	Frequency(MHz)/Flux(sfu):	245/130 410/27 606/47 1415/19 2695/34			

Event # = 7280
 84/05/26,18:01 DOY=147 SMM Pointing: S14W28 Pitch=+208", Yaw=-432", Roll=0deg H.Ang=30deg
 Start Peak
 GOES 17:55 18:10 End times
 HXRBS 17:57:37 17:58:51 17:59:30 Importance=C1 Qual=03
 UVSP 17:58 17:58:51 17:59:30 Peak...c/s=130 Qual=03
 Radio Sweeps Type/Intensity: III/2 Wavelength=1524A Code=01 Tot Cts=2218
 MaxkeV=88 Flags=ES
 Rast=30"x30" Step=0" Pitch=+92", Yaw=-420"

Event # = 20618
 84/05/26,19:10 DOY=147 SMM Pointing: S14W29 Pitch=+209", Yaw=-446", Roll=0deg H.Ang=31deg
 Start Peak
 Optical Ha...Class=SN S10W22 Carr.Lon.=348deg H.Ang=24deg
 Optical S14W12 Carr.Lon.=338deg H.Ang=17deg
 GOES 19:07 19:10 19:13 Importance=C2 Qual=01 FePeak=19:09
 BCS 19:08 19:09 19:14 CaPeak.c/s=38 Qual=1 dt= 7.7s XEN=414702
 FCS 19:08 19:08 19:08 Peak3...c/s=25 Rast=420"x420" Step=10" Cad=1806s 1.024s/pixel
 UVSP 19:00 19:00 Wavelength=1524A Code=00 Exp #=18119 Rast=30"x30" Step=0" Pitch=+212", Yaw=-473"

Event # = 7281
 84/05/26,19:24 DOY=147 SMM Pointing: S14W29 Pitch=+209", Yaw=-446", Roll=0deg H.Ang=31deg
 Start Peak
 Optical Ha...Class=SN S08W23 Carr.Lon.=349deg H.Ang=24deg
 Optical S14W12 Carr.Lon.=338deg H.Ang=17deg
 GOES 19:21 19:24 19:26 Importance=C2 Qual=01
 HXRBS 19:23:02 19:23:33 19:23:57 Peak...c/s=114 Tot Cts=799
 UVSP 19:16 19:16 Wavelength=1524A Code=00 Exp #=18121 MaxkeV=48
 Rast=30"x30" Step=0" Pitch=+92", Yaw=-430"

84/05/27 DOY=148
 Event # = 7282
 84/05/27,10:01 DOY=148 SMM Pointing: S14W37 Pitch=+210", Yaw=-552", Roll=0deg H.Ang=39deg
 Start Peak
 GOES 10:01:09 10:01:49 10:02:51 Peak...c/s=70 Qual=00
 HXRBS 09:56 10:01:49 10:02:51 Wavelength=1524A Code=01 Exp #=18193
 UVSP 09:56 10:01:49 10:02:51 MaxkeV=48
 Rast=30"x30" Step=0" Pitch=+93", Yaw=-554"

Event # = 7283
 84/05/27,15:55 DOY=148 SMM Pointing: S14W40 Pitch=+211", Yaw=-596", Roll=0deg H.Ang=42deg
 Start Peak
 Optical Ha...Class=SN S11W44 Carr.Lon.=358deg H.Ang=45deg
 GOES 15:50 15:55 15:57 Importance=B4 Qual=01
 HXRBS 15:52:42 15:52:49 15:53:14 Peak...c/s=155 Tot Cts=649
 UVSP 15:43 15:53:14 Wavelength=1524A Code=01 Exp #=18217
 MaxkeV=48
 Rast=30"x30" Step=0" Pitch=+94", Yaw=-594"

84/05/29 DOY=150
 Event # = 20619
 84/05/29,00:40 DOY=150 SMM Pointing: S14W58 Pitch=+216", Yaw=-782", Roll=0deg H.Ang=59deg
 Start Peak
 Optical Ha...Class=SF S12W58 Carr.Lon.=354deg H.Ang=59deg
 GOES 00:30 00:40 00:50 Importance=C1 Qual=01 FePeak=00:37
 BCS 00:37 00:37 00:40 CaPeak.c/s=19 FePeak.c/s=6 #Peaks=3
 XEN=415000

Event # = 7284
84/05/29 09:12 Start DOY=150 Peak
S14W62 SMM Pointing: Pitch=-218", Yaw=-815", Roll=0deg H. Ang=63deg
Optical
GOES 09:08 09:12 09:12 End times Ha...Class=SN S07W52 AR4494 Mac.=CR0 Carr. Lon.=344deg H. Ang=52deg
HXRBS 09:09:49 09:10:08 09:11:16 Peak...c/s=102 Importance=88 Qual=01 Tot Cts=914 #Peaks=3 dt= 7.7s XEN=415003
BCS 09:11 09:13 09:16 CaPeak.c/s=23 Peak3...c/s=38 Qual=01 FePeak=09:13 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel
FCS

84/05/30 DOY=151
Event # = 7285
84/05/30 10:30 Start DOY=151 Peak
S14W75 SMM Pointing: Pitch=-222", Yaw=-888", Roll=0deg H. Ang=75deg
Optical
GOES 10:28:16 10:30:04 10:31:13 End times Ha...Class=SN N21E35 AR4504 Carr. Lon.=243deg H. Ang=41deg
HXRBS 10:28:16 10:30:04 10:31:13 Peak...c/s=87 Qual=00 Tot Cts=973 MaxkeV=88

Event # = 7289
84/05/30 17:27 Start DOY=151 Peak
N05E87 SMM Pointing: Pitch=-83", Yaw=+943", Roll=0deg H. Ang=87deg
Optical
GOES 17:24 17:27 17:32 End times Ha...Class=1B S13E17 AR4500 Mac.=EHI Carr. Lon.=257deg H. Ang=21deg
HXRBS 17:25:44 17:26:08 17:27:38 Peak...c/s=115 Importance=C2 Qual=01 Tot Cts=2865 MaxkeV=67
Radio Frequency(MHz)/Flux(sfu): 1415/47

84/05/31 DOY=152
Event # = 7290
84/05/31 06:27 Start DOY=152 Peak
N05E87 SMM Pointing: Pitch=-83", Yaw=+943", Roll=0deg H. Ang=87deg
Optical
GOES 06:24 06:27 06:31 End times Ha...Class=SN S17E09 AR4500 Mac.=EKI Carr. Lon.=258deg H. Ang=19deg
HXRBS 06:26:10 06:26:35 06:26:51 Peak...c/s=88 Importance=B9 Qual=01 MaxkeV=48 Rast=30"x30" Step=0" Pitch=-16", Yaw=+799"
UVSP 06:17 Wavelength=1524A Code=00 Exp #=18352

Event # = 7291
84/05/31 10:06 Start DOY=152 Peak
N05E87 SMM Pointing: Pitch=-83", Yaw=+943", Roll=0deg H. Ang=87deg
Optical
GOES 10:02 10:06 10:09 End times Ha...Class=SN S11E17 AR4500 Mac.=EKI Carr. Lon.=248deg H. Ang=20deg
HXRBS 10:04:18 10:05:48 10:07:11 Peak...c/s=99 Importance=B8 Qual=01 MaxkeV=88 Rast=30"x30" Step=0" Pitch=-1", Yaw=+799"
UVSP 09:56 Wavelength=1524A Code=00 Exp #=18372

Event # = 7294
84/05/31 11:42 Start DOY=152 Peak
N05E87 SMM Pointing: Pitch=-83", Yaw=+943", Roll=0deg H. Ang=87deg
Optical
GOES 11:29 11:42 11:56 End times Code=EPL N08W90 Carr. Lon.=354deg H. Ang=90deg
HXRBS 11:31:51 11:37:53 11:42:10 Peak...c/s=176 Importance=M1 Qual=03 Tot Cts=28723 MaxkeV=88 Flags=EN
UVSP 11:32 11:42 11:56 Type/Intensity: 11/2 1V/2 Pitch=0" Step=0" H. Ang=-211", Yaw=+814"
Radio Frequency(MHz)/Flux(sfu): 2695/22 4995/79 8800/73

Event # = 8331		84/06/02		DOY=154	
84/06/02, 03:57	Start	DOY=154	Peak	N05E84	
SMM Pointing:		Pitch=-80", Yaw=+939", Roll=0deg		H. Ang=84deg	
G0ES	03:57:09	03:57:32	03:57:57	End times	
HXRBS		Peak...c/s=64	Qual=00		
UVSP	03:56	Wave length=1524A	Qual=01	Tot Cts=2322	Flags=I
				Exp #=18477	Step=0" Pitch=-1", Yaw=+889"
Event # = 7296		84/06/03		DOY=155	
84/06/03, 01:53	Start	DOY=155	Peak	AR4500	
SMM Pointing:		Carr. Lon.=254deg		H. Ang=26deg	
Optical		Ha...Class=IN			
G0ES	01:43	Importance=C2	Qual=01		
HXRBS	01:47:20	Peak...c/s=100	Qual=01	Tot Cts=3527	
UVSP	01:43	Wave length=1524A	Code=00	Exp #=18575	
Radio	Frequency(MHz)/Flux(sfu):		245/9 410/35 606/30 1415/26 2695/37 4995/20	Step=0"	Pitch=-1", Yaw=+814"
Event # = 20620		84/06/14		DOY=166	
84/06/14, 09:08	Start	DOY=166	Peak	S11W10	
SMM Pointing:		Pitch=+196", Yaw=-160", Roll=0deg		H. Ang=16deg	
Optical		Ha...Class=SN			
G0ES	09:02	Importance=C1	Qual=01		
BCS	09:08	CaPeak.c/s=19	Qual=1	FePeak=09:08	
UVSP	08:55	Wave length=1524A	Code=00	Exp #=19390	
Radio	Frequency(MHz)/Flux(sfu):		245/58		
Event # = 7311		84/06/14		DOY=166	
84/06/14, 11:45	Start	DOY=166	Peak	S11W12	
SMM Pointing:		Pitch=+195", Yaw=-188", Roll=0deg		H. Ang=17deg	
Optical		Ha...Class=SN			
G0ES	11:41	Importance=B3	Qual=03		
HXRBS	11:41:46	Peak...c/s=64	Qual=01	Tot Cts=527	
UVSP	12:11	Wave length=1524A		Exp #=19392	
Event # = 20719		84/06/14		DOY=166	
84/06/14, 13:44	Start	DOY=166	Peak	S11W13	
SMM Pointing:		Pitch=+195", Yaw=-203", Roll=0deg		H. Ang=17deg	
Optical		Code=APR			
Optical		Code=ASR			
G0ES	13:50	Wave length=1524A	Qual=00		
UVSP	13:44	Extrap St=06/14, 12:45		Exp #=19393	
C/P		PA=115deg			
Event # = 7312		84/06/14		DOY=166	
84/06/14, 14:55	Start	DOY=166	Peak	S11W13	
SMM Pointing:		Pitch=-207", Yaw=-201", Roll=90deg		H. Ang=18deg	
Optical		Ha...Class=SB			
G0ES	14:49	Importance=C1	Qual=04		
HXRBS	14:52:07	Peak...c/s=182	Qual=01	Tot Cts=2996	
BCS	14:52	CaPeak.c/s=71	Qual=1	FePeak=14:55	
UVSP	14:51	Wave length=1524A	Code=00	Exp #=19394	
HXRBS	14:55:13	Associated	Event # = 7313		
	14:55:16	Peak...c/s=71	Qual=01	Tot Cts=117	

Event # = 20621																	
84/06/14, 16:23	D0Y=166	Peak	S11W14	SMM Pointing:	S11W14						Pitch=-217",	Yaw=-197",	Roll=90deg	H. Ang=18deg			
Optical		End times	Ha...Class=SN								Mac.=BXO	Carr. Lon.=90deg		H. Ang=19deg			
G0ES 16:19	16:23	16:29	Importance=C1			AR4509					FePeak.c/s=11	#Peaks=1		XEN=416605			
BCS 16:25	16:25	16:29	CaPeak.c/s=40			FePeak=16:25					Rast=285" x285"	Step=15"	Pitch=+166",	Yaw=-241"			
UVSP 16:27			Wavelength=1524A	Code=02		Exp #=19396											
Event # = 7314																	
84/06/14, 20:15	D0Y=166	Peak	S11W16	SMM Pointing:	S11W16						Pitch=+194",	Yaw=-255",	Roll=0deg	H. Ang=20deg			
Optical		End times	Importance=C5								Mac.=BXO						
G0ES 20:11	20:15	20:20	Peak...c/s=503			AR4509					MaxkeV=88	#Peaks=1		XEN=416606			
HXRBS 20:13:42	20:14:11	20:17:08	CaPeak.c/s=253			Tot Cts=11135					FePeak.c/s=64	#Peaks=1		XEN=416606			
BCS 20:14	20:14	20:25	Wavelength=1524A	Code=00		Exp #=19400					Rast=285" x285"	Step=15"	Pitch=+166",	Yaw=-268"			
UVSP 19:35																	
Event # = 7315																	
84/06/14, 21:47	D0Y=166	Peak	S11W17	SMM Pointing:	S11W17						Pitch=+193",	Yaw=-269",	Roll=0deg	H. Ang=20deg			
Optical		End times	Ha...Class=SN								Mac.=BXO	Carr. Lon.=23deg		H. Ang=50deg			
G0ES 21:21	21:47	21:57	Importance=C5			AR4513					MaxkeV=68	Step=15"					
HXRBS 21:44:43	21:45:00	21:46:55	Peak...c/s=181			Tot Cts=3761					Rast=285" x285"	Step=15"	Pitch=+166",	Yaw=-282"			
UVSP 21:10			Wavelength=1524A	Code=00		Exp #=19401											
Event # = 20622																	
84/06/15, 04:18	D0Y=167	Peak	S11W20	SMM Pointing:	S11W20						Pitch=+195",	Yaw=-318",	Roll=0deg	H. Ang=23deg			
Optical		End times	Ha...Class=SF								Mac.=DAO	Carr. Lon.=92deg		H. Ang=26deg			
G0ES 04:13	04:18	04:28	Importance=C2			AR4509					FePeak.c/s=8	#Peaks=1		XEN=416700			
BCS 04:16	04:16	04:17	CaPeak.c/s=19			FePeak=04:16					Rast=265" x265"	Step=15"	Pitch=+166",	Yaw=-336"			
UVSP 03:29			Wavelength=1526A	Code=00		Exp #=19405											
Event # = 7316																	
84/06/15, 20:09	D0Y=167	Peak	S11W00	SMM Pointing:	S11W00						Pitch=+202",	Yaw=+0",	Roll=0deg	H. Ang=12deg			
Optical		End times	Importance=B5								MackeV=48	Step=15"					
G0ES 20:07	20:09	20:10	Peak...c/s=91			Exp #=19418					Rast=265" x265"	Step=15"	Pitch=-30",	Yaw=-17"			
HXRBS 20:08:43	20:09:10	20:09:23	Wavelength=1526A	Code=00													
UVSP 19:12																	
Event # = 7317																	
84/06/16, 03:27	D0Y=168	Peak	S05W52	SMM Pointing:	S05W52						Pitch=+91",	Yaw=-743",	Roll=0deg	H. Ang=52deg			
Optical		End times	Ha...Class=IN								Mac.=EKO	Carr. Lon.=23deg		H. Ang=34deg			
G0ES 03:23	03:27	03:32	Importance=C5			AR4513					MaxkeV=68	Flags=FS					
HXRBS 03:24:32	03:26:07	03:29:19	Peak...c/s=280			Tot Cts=14755					Rast=16" x16"	Step=2"	Pitch=+95",	Yaw=-747"			
UVSP 03:05			Wavelength=1526A	Code=00		Exp #=19423											
Event # = 20696																	
84/06/17, 00:14	D0Y=169	Peak	S07E20	SMM Pointing:	S07E20						Pitch=+133",	Yaw=+318",	Roll=0deg	H. Ang=21deg			
G0ES		End times	PA=230deg			Qual=00											
C/P 00:14																	

Event # = 7318		DOY=169		SMM Pointing:		S07E07		Pitch=+137" ,Yaw=+109" ,Roll=0deg		H. Ang=11deg	
84/06/17	23:58	Start	Peak	End times			Qual=06				
		23:58:23		23:59:30	Peak...c/s=82		Qual=01		Tot Cts=827		
GOES									MaxkeV=48		
HXRBS	23:56:38										
Event # = 7319		DOY=170		SMM Pointing:		S07E01		Pitch=+136" ,Yaw=+11" ,Roll=0deg		H. Ang=8deg	
84/06/18	10:43	Start	Peak	End times			Qual=04				
		10:43		10:48	Importance=B4		Qual=01		Tot Cts=292		
GOES	10:38										
HXRBS	10:40:07	10:40:25		10:40:57							
Event # = 20720		DOY=171		SMM Pointing:		S07W11		Pitch=+137" ,Yaw=-177" ,Roll=0deg		H. Ang=14deg	
84/06/19	06:45	Start	Peak	End times			S12W90		Carr. Lon.=105deg		
					Code=ASR		Qual=00		AR4509		
Optical									PA=248deg		
GOES											
C/P	06:45										
Event # = 7324		DOY=172		SMM Pointing:		S07W32		Pitch=+134" ,Yaw=-495" ,Roll=0deg		H. Ang=33deg	
84/06/20	20:32	Start	Peak	End times			S14E43		Carr. Lon.=311deg		
		20:32		20:34	Ha...Class=S8		Qual=01		Mac.=AXX		
Optical	20:28										
GOES	20:28	20:32		20:34							
HXRBS	20:30:13	20:30:56		20:31:09							
UVSP	20:32			Type/Intensity:		Code=02		Exp #=19479		Step=0" Pitch=+107" ,Yaw=-508"	
Radio Sweeps					V/3						
Radio	Frequency (MHz)/Flux(sfu):		245/68 410/18								
Event # = 20623		DOY=172		SMM Pointing:		S07W33		Pitch=+137" ,Yaw=-505" ,Roll=0deg		H. Ang=34deg	
84/06/20	22:44	Start	Peak	End times			S06H28		Carr. Lon.=21deg		
		22:44		22:54	Ha...Class=S8		Qual=01		H. Ang=29deg		
Optical	22:39										
GOES	22:39	22:44		22:54							
BCS	22:42	22:44		22:51							
FCS	22:42			CaPeak.c/s=37		FePeak=22:44		dt=7.7s		XEN=417200	
UVSP	22:08	22:42		Peak3...c/s=226		Exp #=19480		Step=10"		Cad=664s	
				Wavelength=1335A				Step=5"		Pitch=+107" ,Yaw=-521"	
Event # = 7325		DOY=174		SMM Pointing:		S15E12		Pitch=+273" ,Yaw=+197" ,Roll=0deg		H. Ang=21deg	
84/06/22	21:51	Start	Peak	End times			S16E12		Carr. Lon.=315deg		
		21:51		21:54	Ha...Class=SF		Qual=01		Mac.=BX0		
Optical	21:46										
GOES	21:46	21:51		21:54							
HXRBS	21:53:14	21:54:44		21:56:02							
				Peak...c/s=84		AR4520		MaxkeV=68			

84/06/23 DOY=175

Event # = 20624
 84/06/23,05:30 DOY=175
 Start Peak
 SMM Pointing: S15E08 Pitch=+276",Yaw=+131",Roll=0deg H.Ang=19deg
 Optical Carr. Lon.=315deg H.Ang=19deg
 GOES 05:24 05:30 05:40 Ha...Class=SN FePeak.c/s=10 #Peaks=1 dt= 7.7s XEN=417500
 BCS 05:27 05:29 05:37 Importance=C1 CaPeak.c/s=43 Step=10" Cad=1806s 1.024s/pixel
 FCS 05:29 05:29 05:37 Peak3...c/s=284 Wavelength=1340A Code=02 Exp #=19486 Rast=265"x265" Pitch=+245",Yaw=+112"
 UVSP 05:32

Event # = 20625
 84/06/23,12:08 DOY=175
 Start Peak
 SMM Pointing: S15E05 Pitch=+272",Yaw=+73",Roll=0deg H.Ang=17deg
 Optical Mac.=CS0
 GOES 12:01 12:08 12:15 Importance=C1 Qual=01 FePeak=12:07 XEN=417502
 BCS 12:06 12:07 12:10 CaPeak.c/s=27 Qual=1 FePeak=12:07 Rast=420"x420" Cad=1806s 1.024s/pixel
 FCS 12:06 12:06 12:06 Peak3...c/s=14 Wavelength=1332A Code=01 Exp #=19490 Rast=265"x265" Pitch=+245",Yaw=+57"
 UVSP 11:49

Event # = 8332
 84/06/23,19:17 DOY=175
 Start Peak
 SMM Pointing: S15E01 Pitch=+277",Yaw=+10",Roll=0deg H.Ang=17deg
 Optical Ha...Class=SN Carr. Lon.=24deg H.Ang=70deg
 GOES 19:13 19:17 19:19 Importance=B5 Qual=04 MaxkeV=48
 HXRBS 19:16:03 19:16:13 19:16:24 Peak...c/s=108 Qual=01 Tot Cts=1286 Flags=I

Event # = 8333
 84/06/23,19:29 DOY=175
 Start Peak
 SMM Pointing: S15E01 Pitch=+277",Yaw=+10",Roll=0deg H.Ang=17deg
 Optical Ha...Class=SF Carr. Lon.=26deg H.Ang=72deg
 GOES 19:21 19:29 19:37 Importance=B6 Qual=01
 HXRBS 19:21:26 19:22:12 19:23:34 Peak...c/s=66 Qual=01 Tot Cts=6834 MaxkeV=48

84/06/27 DOY=179

Event # = 7326
 84/06/27,18:13 DOY=179
 Start Peak
 SMM Pointing: S15W52 Pitch=+269",Yaw=-718",Roll=0deg H.Ang=54deg
 Optical Codes=SPY Carr. Lon.=173deg H.Ang=89deg
 GOES 18:04 18:13 18:16 Importance=C4 Qual=01
 HXRBS 18:06:05 18:08:19 18:15:30 Peak...c/s=219 Qual=01 Tot Cts=14698 MaxkeV=88
 UVSP 17:48 17:48 17:48 Wavelength=1336A Code=00 Exp #=19669 Rast=39"x39" Pitch=+281",Yaw=-718"

Event # = 20519
 84/06/27,18:27 DOY=179
 Start Peak
 SMM Pointing: S15W52 Pitch=+269",Yaw=-718",Roll=0deg H.Ang=54deg
 GOES 17:48 17:48 17:48 Wavelength=1336A Qual=00 Exp #=19669 Rast=39"x39" Pitch=+281",Yaw=-718"
 UVSP 18:27 18:27 18:27 Extrap St=06/27,17:48 PA=74deg
 C/P

Event # = 7327
 84/06/27,19:50 DOY=179
 Start Peak
 SMM Pointing: S15W52 Pitch=+269",Yaw=-718",Roll=0deg H.Ang=54deg
 GOES 19:49:59 19:50:09 19:50:16 Peak...c/s=76 Qual=00
 HXRBS 19:50:09 19:50:09 19:50:16 Peak...c/s=76 Qual=01 Tot Cts=133 MaxkeV=48
 UVSP 19:53 19:53 19:53 Wavelength=1354A Qual=01 Exp #=19673 Rast=120"x120" Pitch=+263",Yaw=-758"

Event # = 7331		84/06/28 DOY=180		84/06/28 DOY=180	
84/06/28,16:21	DOY=180	S15W66	S15W66	Pitch=+260", Yaw=-834", Roll=0deg	H. Ang=68deg
Start	Peak	SMM Pointing:		Mac.=HHX	Carr. Lon.=174deg
Optical	End times	Ha...Class=SF	AR4525	MaxkeV=48	H. Ang=77deg
GOES 16:14	16:21	Importance=C1		Rast=240"x240"	
HXRBS 16:16:10	16:17:59	Peak...c/s=81	Tot Cts=2199	Step=3"	Pitch=+230", Yaw=-832"
UVSP 16:12		Wavelength=2704A	Exp #=19700		
Radio Sweeps	Type/Intensity:	V/I			
Frequency (MHz)/Flux(sfu):	245/74				
Event # = 7332		84/06/28 DOY=180		84/06/28 DOY=180	
84/06/28,19:22	DOY=180	S15W68	S15W68	Pitch=+258", Yaw=-850", Roll=0deg	H. Ang=70deg
Start	Peak	SMM Pointing:		MaxkeV=88	
GOES	End times	Peak...c/s=97	Qual=00	Rast=39"x39"	Step=3"
HXRBS 19:21:09	19:22:35	Wavelength=1336A	Exp #=19708		
UVSP 18:59					
Event # = 20697		84/06/29 DOY=181		84/06/29 DOY=181	
84/06/29,11:18	DOY=181	S15W75	S15W75	Pitch=+254", Yaw=-882", Roll=0deg	H. Ang=76deg
Start	Peak	SMM Pointing:		Carr. Lon.=330deg	H. Ang=91deg
Optical	End times	Code=APR	AR4520	Rast=39"x39"	Step=3"
GOES 10:51	11:06	Wavelength=1336A	Exp #=19747		Pitch=+251", Yaw=-895"
UVSP 11:18	Extrap St=06/29,08:26	PA=230deg	Three-part structure		
C/P					
Event # = 20626		84/06/30 DOY=182		84/06/30 DOY=182	
84/06/30,11:06	DOY=182	N13E59	N13E59	Pitch=-189", Yaw=+788", Roll=0deg	H. Ang=59deg
Start	Peak	SMM Pointing:		Mac.=CAO	Carr. Lon.=166deg
Optical	End times	Ha...Class=SN	AR4525	FePeak.c/s=8	#Peaks=1
GOES 11:02	11:13	Importance=B6		Rast=0"x0"	XEN=418200
BCS 11:05	11:06	CaPeak.c/s=21	FePeak=11:05	Rast=39"x39"	Step=3"
FCS	11:06	Peak3...c/s=170	Exp #=19768		Pitch=-192", Yaw=+804"
UVSP 10:27		Wavelength=1336A			
Event # = 20627		84/06/30,13:21 DOY=182		84/06/30,13:21 DOY=182	
84/06/30,13:21	DOY=182	N13E57	N13E57	Pitch=-189", Yaw=+775", Roll=0deg	H. Ang=58deg
Start	Peak	SMM Pointing:		Mac.=CAO	Carr. Lon.=164deg
Optical	End times	Ha...Class=SN	AR4525	FePeak.c/s=11	#Peaks=2
GOES 13:09	13:21	Importance=C1		Rast=115"x115"	Step=5"
BCS 13:20	13:20	CaPeak.c/s=40	FePeak=13:21	Rast=15"x15"	Pitch=-218", Yaw=+776"
FCS	13:30	Peak3...c/s=267	Exp #=19770		
UVSP 13:21		Wavelength=2704A			
Event # = 7337		84/07/02 DOY=184		84/07/02 DOY=184	
84/07/02,16:03	DOY=184	N12E28	N12E28	Pitch=-156", Yaw=+439", Roll=0deg	H. Ang=30deg
Start	Peak	SMM Pointing:		MaxkeV=129	
GOES	End times	Peak...c/s=89	Qual=00	Rast=48"x48"	Step=3"
HXRBS 16:01:49	16:03:11	Wavelength=1336A	Exp #=19817		Pitch=-118", Yaw=+359"
UVSP 15:50					

Event # = 7335												
84/07/02, 18:18	Start	DOY=184		SMM Pointing:	N12E27			Pitch=-155" , Yaw=+425" , Roll=0deg		H. Ang=29deg		
	End times	Peak		Ha...Class=SF	N12E33			Mac.=DAO	Carr. Lon.=164deg	H. Ang=34deg		
GOES 17:55	19:00	18:18	18:18	Importance=C1	Qual=03			MaxkeV=108	Flags=AX			
HXRBS 18:04:23	18:08:01	18:05:04	18:08:01	Peak...c/s=94	Qual=01			Rast=240"x240"	Step=3"	Pitch=-185" , Yaw=+414"		
UVSP 18:53				Wavelength=1336A				Tot Cts=3898				
								Exp #=19820				
Event # = 7336												
84/07/02, 19:44	Start	DOY=184		SMM Pointing:	N12E27			Pitch=-155" , Yaw=+413" , Roll=0deg		H. Ang=28deg		
	End times	Peak		Qual=00				MaxkeV=48				
GOES 19:43:18	19:44:55	19:44:21	19:44:55	Peak...c/s=72	Qual=01			Rast=48" x48"	Step=3"	Pitch=-157" , Yaw=+459"		
HXRBS 19:30				Wavelength=1336A				Tot Cts=711				
UVSP 19:30								Exp #=19823				
84/07/03 DOY=185												
Event # = 7338												
84/07/03, 13:59	Start	DOY=185		SMM Pointing:	N12E16			Pitch=-153" , Yaw=+256" , Roll=0deg		H. Ang=18deg		
	End times	Peak		Qual=00				MaxkeV=88				
GOES 13:58:19	14:00:35	13:59:11	14:00:35	Peak...c/s=82	Qual=01			Rast=48" x48"	Step=3"	Pitch=-187" , Yaw=+351"		
HXRBS 13:53				Wavelength=1336A				Tot Cts=1030				
UVSP 13:53								Exp #=19844				
84/07/04 DOY=186												
Event # = 7341												
84/07/04, 02:54	Start	DOY=186		SMM Pointing:	N11E13			Pitch=-130" , Yaw=+203" , Roll=0deg		H. Ang=15deg		
	End times	Peak		Ha...Class=2B	S08E67			Mac.=DSO	Carr. Lon.=112deg	H. Ang=68deg		
GOES 02:39	03:21	02:54	03:21	Importance=M1	Qual=01			MaxkeV=129				
HXRBS 02:41:44	02:52:40	02:44:11	02:52:40	Peak...c/s=480	Qual=01			Rast=63" x63"	Step=3"	Pitch=-179" , Yaw=+145"		
UVSP 02:28				Wavelength=1336A	Code=00			Tot Cts=83486				
Radio Sweeps				11/2				Exp #=19856				
Radio Frequency (MHz)/Flux(sfu):				245/36 410/98 606/270 1415/69 2695/92 4995/59 8800/66 15400/48								
Event # = 7342												
84/07/04, 14:02	Start	DOY=186		SMM Pointing:	N11E07			Pitch=-129" , Yaw=+106" , Roll=0deg		H. Ang=10deg		
	End times	Peak		Importance=B3	Qual=01			MaxkeV=244	Flags=AX			
GOES 13:58	14:04	14:02	14:04	Peak...c/s=70	Qual=01			Rast=258" x258"	Step=3"	Pitch=-159" , Yaw=+177"		
HXRBS 14:02:00	14:02:34	14:02:29	14:02:34	Wavelength=1336A	Code=00			Tot Cts=19859				
UVSP 05:29								Exp #=19859				
84/07/05 DOY=187												
Event # = 7343												
84/07/05, 15:18	Start	DOY=187		SMM Pointing:	S06E51			Pitch=+133" , Yaw=+726" , Roll=0deg		H. Ang=51deg		
	End times	Peak		Importance=C3	Qual=01			MaxkeV=48				
GOES 15:04	15:28	15:18	15:28	Peak...c/s=153	Qual=01			FePeak.c/s=12	#Peaks=1	dt= 3.8s	XEN=418700	
HXRBS 15:06:16	15:09:30	15:07:41	15:09:30	CaPeak.c/s=92	Qual=1			Rast=48" x48"	Step=3"	Pitch=-1" , Yaw=+746"		
BCS 15:08	15:29	15:16	15:29	Wavelength=1336A	Code=00			Tot Cts=6479				
UVSP 14:41				606/54 1415/10 2695/38 4995/14 8800/8				Exp #=19883				
Radio Frequency (MHz)/Flux(sfu):												

Event # = 20522	DOY=187	Peak	End times	Qual=00	Exp #=19892	Rast=240" x240"	Step=3"	Pitch=+106"	Yaw=+676"
84/07/05, 22:30	Start	Peak	End times	Three-part structure					
GOES	22:25	23:15	23:50	WaveLength=1336A	PA=45deg				
UVSP	22:30	23:15	23:50	Extrap	St=07/05, 16:30				
C/P	22:30	23:15	23:50	WaveLength=1336A	Code=01				
Event # = 20728	DOY=187	Peak	End times	SMM Pointing:	S06E46	Pitch=+136"	Yaw=+673"	Roll=0deg	H. Ang=47deg
84/07/05, 23:15	Start	Peak	End times	Importance=B4	Code=01	Rast=63" x63"	Step=3"	Pitch=+158"	Yaw=+707"
GOES	22:40	23:15	23:50	WaveLength=1336A	Code=01				
UVSP	22:32	23:15	23:50	Extrap	St=07/05, 16:30				
Event # = 7349	DOY=190	Peak	End times	SMM Pointing:	S07E19	Pitch=+173"	Yaw=+301"	Roll=0deg	H. Ang=22deg
84/07/08, 10:37	Start	Peak	End times	Ha...Class=SF	AR4532	Mac.=CS0	Carr. Lon.=113deg		H. Ang=16deg
Optical	10:30	10:37	10:42	Importance=B5	Code=01	Maxkey=296	Flags=AX		
GOES	10:30	10:37	10:42	Peak...c/s=80	Code=00	Rast=63" x63"	Step=3"	Pitch=+581"	Yaw=+367"
HXRBS	10:41:20	10:41:40	10:43:13	WaveLength=1336A	Code=00				
UVSP	10:21	10:41:40	10:43:13	Extrap	St=07/08, 10:37				
Radio	10:21	10:41:40	10:43:13	Frequency(MHz)/Flux(sfu):	245/124				
Event # = 7351	DOY=192	Peak	End times	SMM Pointing:	S08E34	Pitch=+183"	Yaw=+530"	Roll=0deg	H. Ang=36deg
84/07/10, 08:24	Start	Peak	End times	Ha...Class=SN	AR4532	Mac.=CS0	Carr. Lon.=101deg		H. Ang=11deg
Optical	08:21	08:24	08:28	Importance=B4	Code=01	Maxkey=48	Flags=AX		
GOES	08:21	08:24	08:28	Peak...c/s=72	Code=00	Rast=63" x63"	Step=3"	Pitch=+192"	Yaw=+550"
HXRBS	08:21:20	08:22:13	08:22:46	WaveLength=1336A	Code=00				
UVSP	07:59	08:22:13	08:22:46	Extrap	St=07/10, 08:24				
Event # = 20628	DOY=192	Peak	End times	SMM Pointing:	S07W20	Pitch=+175"	Yaw=-326"	Roll=0deg	H. Ang=23deg
84/07/10, 21:04	Start	Peak	End times	Importance=C1	Qual=03	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=419200
GOES	21:00	21:04	21:08	CaPeak.c/s=26	Qual=1	Rast=0" x0"	Step=0"	Cad= 768s	768.0s/pixel
BCS	21:02	21:04	21:05	Peak3...c/s=24	Code=00	Rast=39" x39"	Step=3"	Pitch=+262"	Yaw=-283"
FCS	21:03	21:04	21:05	WaveLength=1336A	Code=00				
UVSP	20:35	21:04	21:05	Extrap	St=07/10, 21:04				
Event # = 8335	DOY=193	Peak	End times	SMM Pointing:	S07W27	Pitch=+172"	Yaw=-431"	Roll=0deg	H. Ang=29deg
84/07/11, 09:44	Start	Peak	End times	Importance=B4	Code=01	Maxkey=48	Flags=I		
GOES	09:41	09:44	09:49	Peak...c/s=68	Code=00	Rast=240" x240"	Step=3"	Pitch=+150"	Yaw=-433"
HXRBS	09:42:43	09:43:05	09:43:22	WaveLength=2704A	Code=00				
UVSP	09:17	09:43:05	09:43:22	Extrap	St=07/11, 09:44				
Event # = 7364	DOY=195	Peak	End times	SMM Pointing:	S07W55	Pitch=+153"	Yaw=-767"	Roll=0deg	H. Ang=56deg
84/07/13, 10:44	Start	Peak	End times	Peak...c/s=75	Code=01	Maxkey=48	Flags=I		
GOES	10:42:59	10:44:39	10:45:35	WaveLength=1336A	Code=01	Rast=48" x48"	Step=3"	Pitch=+135"	Yaw=-746"
HXRBS	10:42:59	10:44:39	10:45:35	Extrap	St=07/13, 10:44				
UVSP	09:56	10:44:39	10:45:35	Extrap	St=07/13, 10:44				

Event # = 8338	DOY=195	SMM Pointing:	S09W11	Pitch=+214", Yaw=-181", Roll=0deg	H. Ang=17deg
84/07/13, 16:14	Peak	End times			
GOES			Qual=00		
HXRBS	16:13:49	16:14:02	16:14:20	MaxkeV=88	Flags=I
UVSP	16:06			Rast=240" x240"	Step=3" Pitch=+192", Yaw=-184"
				Tot Cts=2061	
				Exp #=20094	
Event # = 7365	DOY=195	SMM Pointing:	S09W12	Pitch=+214", Yaw=-191", Roll=0deg	H. Ang=18deg
84/07/13, 17:52	Peak	End times			
GOES			Qual=00		
HXRBS	17:50:58	17:52:11	17:52:38	MaxkeV=68	Step=0" Pitch=+196", Yaw=-244"
UVSP	17:48			Rast=3" x3"	
Radio		Frequency(MHz)/Flux(sfu):	245/66 2695/12		
Event # = 20698	DOY=196	SMM Pointing:	S09W21	Pitch=+211", Yaw=-328", Roll=0deg	H. Ang=24deg
84/07/14, 08:40	Peak	End times			
Optical			Code=ASR		
GOES			N05W90	Carr. Lon.=133deg	H. Ang=90deg
UVSP	07:59		Qual=00		
C/P	08:40	Extrap St=07/14, 07:38	PA=306deg	Rast=48" x48"	Step=3" Pitch=+230", Yaw=-281"
				Exp #=20124	
				Three-part structure	
Event # = 7366	DOY=198	SMM Pointing:	S12W12	Pitch=+264", Yaw=-197", Roll=0deg	H. Ang=20deg
84/07/16, 10:29	Peak	End times			
GOES	10:25	10:29	10:33	MaxkeV=48	
HXRBS	10:27:08	10:27:43	10:28:12	Rast=130" x130"	Step=1" Pitch=+308", Yaw=-134"
UVSP	10:12			Exp #=20193	
Event # = 7367	DOY=198	SMM Pointing:	S12W13	Pitch=+266", Yaw=-207", Roll=0deg	H. Ang=21deg
84/07/16, 11:08	Peak	End times			
GOES			Qual=00		
HXRBS	11:07:47	11:08:37	11:09:39	MaxkeV=129	Flags=AX
UVSP	11:41			Rast=180" x1"	Step=0" Pitch=-298", Yaw=+109"
				Exp #=20195	
Event # = 7368	DOY=199	SMM Pointing:	S22W22	Pitch=+416", Yaw=-325", Roll=0deg	H. Ang=34deg
84/07/17, 01:09	Peak	End times			
Optical			S10W63	Mac.=CSO	Carr. Lon.=70deg
GOES	00:53	01:09	01:21		H. Ang=64deg
HXRBS	00:56:18	00:59:14	01:10:03	MaxkeV=197	
UVSP	00:30			Rast=63" x63"	Step=3" Pitch=+298", Yaw=-237"
Radio		Type/Intensity:	11/3 111/2 V/2		
Radio		Frequency(MHz)/Flux(sfu):	245/81 410/410 606/31 1415/28 2695/41 4995/73 8800/62 15400/45		
Event # = 7369	DOY=199	SMM Pointing:	S22W26	Pitch=+413", Yaw=-384", Roll=0deg	H. Ang=37deg
84/07/17, 09:05	Peak	End times			
GOES			Qual=00		
HXRBS	09:04:38	09:05:09	09:05:36	MaxkeV=48	Flags=AX
UVSP	08:35			Rast=130" x130"	Step=1" Pitch=+327", Yaw=-449"
				Tot Cts=791	
				Exp #=20218	

Event # = 7370									
84/07/17, 09:46	DOY=199		SMM Pointing:	S22W26				Pitch=+413", Yaw=-384", Roll=0deg	H. Ang=37deg
GOES 09:42	Peak 09:46	End times 09:49	Importance=B1	Qual=04					
HXRBS 09:47:16	09:49:25	09:50:19	Peak...c/s=90	Qual=01			Flags=AX	MaxkeV=270	
UVSP 09:49			Wavelength=1336A	Code=02			Step=1"	Rast=130" x130"	Pitch=+455", Yaw=-330"
Event # = 7371									
84/07/17, 10:47	DOY=199		SMM Pointing:	S22W27				Pitch=+413", Yaw=-395", Roll=0deg	H. Ang=37deg
GOES 10:40	Peak 10:47	End times 10:50	Importance=B1	Qual=02					
HXRBS 10:42:39	10:44:43	10:45:15	Peak...c/s=84	Qual=01			Flags=AX	MaxkeV=129	
UVSP 11:19			Wavelength=2706A		Exp #=20221		Step=0"	Rast=180" x1"	Pitch=+327", Yaw=-297"
Event # = 20721					84/07/20	DOY=202			
84/07/20, 11:56	DOY=202		SMM Pointing:	S09W86				Pitch=+149", Yaw=-933", Roll=0deg	H. Ang=87deg
Optical			Code=EPL	S25W90				Carr. Lon.=52deg	H. Ang=92deg
GOES 04:02			Wavelength=1336A	Qual=00				Rast=63" x63"	Step=3"
C/P 11:56			PA=240deg		Exp #=20258			Step=3"	Pitch=+159", Yaw=-845"
Event # = 20722					84/07/21	DOY=203			
84/07/21, 13:45	DOY=203		SMM Pointing:	N10W87				Pitch=-164", Yaw=-930", Roll=0deg	H. Ang=87deg
Optical			Code=ASR	N15E90				Carr. Lon.=218deg	H. Ang=89deg
GOES 13:43			Wavelength=1332A	Qual=00				Rast=265" x265"	Step=5"
UVSP 13:45			PA=75deg		Exp #=20278			Step=5"	Pitch=-186", Yaw=-929"
Event # = 7372					84/07/22	DOY=204			
84/07/22, 08:10	DOY=204		SMM Pointing:	N89E03				Pitch=-944", Yaw=+1", Roll=0deg	H. Ang=84deg
Optical			Ha...Class=SF	N06W17				Mac.=DAO	Carr. Lon.=314deg
GOES 08:07	08:10	08:12	Importance=C1	Qual=01				MaxkeV=88	H. Ang=17deg
HXRBS 08:09:29	08:09:57	08:10:11	Peak...c/s=436	Qual=01				Rast=180" x15"	Step=2"
UVSP 08:12			Wavelength=2704A	Code=02				Step=2"	Pitch=+7", Yaw=+948"
Event # = 7393					84/07/25	DOY=207			
84/07/25, 20:57	DOY=207		SMM Pointing:	S32W67				Pitch=+527", Yaw=-742", Roll=0deg	H. Ang=74deg
GOES 20:57:31	20:57:34	20:57:54	Peak...c/s=138	Qual=00				MaxkeV=403	
HXRBS 20:57:31	20:57:34	20:57:54	Wavelength=1336A	Qual=01				Rast=258" x258"	Step=3"
UVSP 20:52								Step=3"	Pitch=+504", Yaw=-740"

Event # = 20699 84/07/26, 08:02 Start	DOY=208 Peak	84/07/26	DOY=208	SMM Pointing: Code=APR	S07M69	Pitch=+147", Yaw=-877", Roll=0deg	H.Ang=70deg
Optical							
GOES							
UVSP							
C/P							
Radio							
Event # = 20699 84/07/26, 08:02 Start	DOY=208 Peak	84/07/26	DOY=208	SMM Pointing: Code=APR	S07M69	Pitch=+147", Yaw=-877", Roll=0deg	H.Ang=70deg
Optical							
GOES							
UVSP							
C/P							
Radio							
Event # = 7394 84/07/28, 09:33 Start	DOY=210 Peak	84/07/28	DOY=210	SMM Pointing: Code=ASR	N22E90 Qual=00	Pitch=+155deg	H.Ang=88deg
Optical							
GOES							
UVSP							
C/P							
Radio							
Event # = 20394 84/07/28, 09:33:40 Start	DOY=210 Peak	84/07/28	DOY=210	SMM Pointing: Code=ASR	N22E90 Qual=00	Pitch=+155deg	H.Ang=88deg
Optical							
GOES							
UVSP							
C/P							
Radio							
Event # = 20723 84/07/28, 16:59 Start	DOY=210 Peak	84/07/28	DOY=210	SMM Pointing: Code=ASR	N22E90 Qual=00	Pitch=+155deg	H.Ang=88deg
Optical							
GOES							
UVSP							
C/P							
Radio							
Event # = 20723 84/07/28, 16:59 Start	DOY=210 Peak	84/07/28	DOY=210	SMM Pointing: Code=ASR	N22E90 Qual=00	Pitch=+155deg	H.Ang=88deg
Optical							
GOES							
UVSP							
C/P							
Radio							
Event # = 7395 84/07/29, 14:47 Start	DOY=211 Peak	84/07/29	DOY=211	SMM Pointing: Code=ASR	N22E90 Qual=00	Pitch=+155deg	H.Ang=88deg
Optical							
GOES							
UVSP							
C/P							
Radio							
Event # = 7395 84/07/29, 14:47 Start	DOY=211 Peak	84/07/29	DOY=211	SMM Pointing: Code=ASR	N22E90 Qual=00	Pitch=+155deg	H.Ang=88deg
Optical							
GOES							
UVSP							
C/P							
Radio							
Event # = 7396 84/07/29, 15:27 Start	DOY=211 Peak	84/07/29	DOY=211	SMM Pointing: Code=ASR	N22E90 Qual=00	Pitch=+155deg	H.Ang=88deg
Optical							
GOES							
UVSP							
C/P							
Radio							
Event # = 20724 84/07/30, 00:49 Start	DOY=212 Peak	84/07/30	DOY=212	SMM Pointing: Code=ASR	N22E90 Qual=00	Pitch=+155deg	H.Ang=88deg
Optical							
GOES							
UVSP							
C/P							
Radio							
Event # = 20724 84/07/30, 00:49 Start	DOY=212 Peak	84/07/30	DOY=212	SMM Pointing: Code=ASR	N22E90 Qual=00	Pitch=+155deg	H.Ang=88deg
Optical							
GOES							
UVSP							
C/P							
Radio							
Event # = 7404 84/08/02, 22:36 Start	DOY=215 Peak	84/08/02	DOY=215	SMM Pointing: Code=ASR	N38E89 Qual=00	Pitch=-582", Yaw=+746", Roll=0deg	H.Ang=86deg
Optical							
GOES							
UVSP							
C/P							
Radio							
Event # = 7404 84/08/02, 22:36 Start	DOY=215 Peak	84/08/02	DOY=215	SMM Pointing: Code=ASR	N38E89 Qual=00	Pitch=-582", Yaw=+746", Roll=0deg	H.Ang=86deg
Optical							
GOES							
UVSP							
C/P							
Radio							
Event # = 11287 84/08/02, 22:43:34 Start	DOY=215 Peak	84/08/02	DOY=215	SMM Pointing: Code=ASR	N38E89 Qual=00	Pitch=-582", Yaw=+746", Roll=0deg	H.Ang=86deg
Optical							
GOES							
UVSP							
C/P							
Radio							
Event # = 11287 84/08/02, 22:43:34 Start	DOY=215 Peak	84/08/02	DOY=215	SMM Pointing: Code=ASR	N38E89 Qual=00	Pitch=-582", Yaw=+746", Roll=0deg	H.Ang=86deg
Optical							
GOES							
UVSP							
C/P							
Radio							

Event # = 7405	84/08/03	DOY=216							
84/08/03, 01:01:01	S17E29	DOY=216							
Start		Peak							
GOES	SMM Pointing:	End times							
HXRBS	00:59:16 01:01:47	01:02:33	Peak...c/s=74						
	Qual=00		Flags=AX						
	Qual=01								
Event # = 7407	84/08/05	DOY=218							
84/08/05, 23:52	S17W10	DOY=218							
Start		Peak							
GOES	SMM Pointing:	End times							
HXRBS	00:43 00:49	00:52	Importance=82						
UVSP	00:46:41 00:47:02	00:47:49	Peak...c/s=103						
	Qual=03								
	Qual=01								
Event # = 7408	84/08/06	DOY=219							
84/08/06, 00:49	S17W11	DOY=219							
Start		Peak							
Optical	SMM Pointing:	End times							
GOES	00:43 00:49	00:52	Ha...Class=SN						
HXRBS	00:46:41 00:47:02	00:47:49	Importance=87						
UVSP	00:46:41 00:47:02	00:47:49	Peak...c/s=73						
	Qual=01								
Event # = 20700	84/08/14	DOY=227							
84/08/14, 02:12	N08W53	DOY=227							
Start		Peak							
Optical	SMM Pointing:	End times							
Optical	Code=ASR								
GOES	Code=ASR								
C/P	PA=126deg								
Event # = 20629	84/08/18	DOY=231							
84/08/18, 06:58	N08W55	DOY=231							
Start		Peak							
Optical	SMM Pointing:	End times							
GOES	Ha...Class=SF								
BCS	Importance=C1								
FCS	CaPeak.c/s=36								
	Peak3...c/s=49								
Event # = 20630	84/08/18	DOY=231							
84/08/18, 05:59	N07W87	DOY=231							
Start		Peak							
Optical	SMM Pointing:	End times							
GOES	Ha...Class=SN								
BCS	Importance=C1								
FCS	CaPeak.c/s=34								
Radio Sweeps	Peak3...c/s=12								
	Type/Intensity:								
	III/1								

Event # = 20631	DOY=231		SMM Pointing:		N04W86		Pitch=-65", Yaw=-945", Roll=0deg		H. Ang=86deg	
84/08/18,09:57	Start	Peak	End times	Ha...Class=SN	AR4563	AR4563	Mac.=HSX	Carr. Lon.=29deg	H. Ang=89deg	
Optical	09:57		10:08	Importance=88	FePeak=09:57		FePeak.c/s=8	#Peaks=2	XEN=423105	
GOES	09:40	09:57	10:03	CaPeak.c/s=28	Qual=4		Rast="0"x0"	Cad=3840s	pixel	
BCS	09:55	09:59		Peak3..c/s=11						
FCS										
Event # = 7426	DOY=231		SMM Pointing:		AR4553		Carr. Lon.=22deg		H. Ang=90deg	
84/08/18,22:47	Start	Peak	End times	Code=ASR	AR4563	AR4563	MaxkeV=68	#Peaks=1	XEN=423107	
Optical	22:47		22:59	Importance=C4	Tot Cts=43277		FePeak.c/s=202		Pitch=-66", Yaw=-948"	
GOES	22:41	22:47	22:50:29	Peak...c/s=347	FePeak=22:47					
HXRBS	22:41:48	22:43:05	23:00	CaPeak.c/s=400						
BCS	22:41	22:47	23:00							
UVSP										
Event # = 7427	DOY=231		SMM Pointing:		AR4553		Carr. Lon.=22deg		H. Ang=90deg	
84/08/18,23:05	Start	Peak	End times	Code=ASR	AR4563	AR4563	MaxkeV=88	Flags=M, FS	XEN=423106	
Optical	23:05		23:27	Importance=M1	Tot Cts=2.58E+5		FePeak.c/s=488	#Peaks=1	Pitch=-66", Yaw=-948"	
GOES	23:00	23:02:18	23:10:03	Peak...c/s=1715	FePeak=23:03					
HXRBS	23:00:03	23:02:05	23:22	CaPeak.c/s=949						
BCS	22:59	23:05	23:22	Peak3..c/s=763						
FCS		23:17								
UVSP										
Event # = 7428	DOY=232		SMM Pointing:		84/08/19 DOY=232		Pitch=+239", Yaw=+678", Roll=0deg		H. Ang=49deg	
84/08/19,02:04	Start	Peak	End times	Code=ASR	S10E46	S10E46	MaxkeV=48	Carr. Lon.=21deg	H. Ang=89deg	
Optical	02:04		02:07	Importance=C1	N05W90					
GOES	02:00	02:04	02:07	Peak...c/s=71	Qual=01					
HXRBS	02:01:41	02:01:59	02:02:27		Qual=01					
Event # = 7429	DOY=232		SMM Pointing:		84/08/19 DOY=232		Pitch=+241", Yaw=+668", Roll=0deg		H. Ang=48deg	
84/08/19,03:47	Start	Peak	End times	Code=ASR	S10E46	S10E46	MaxkeV=68	Carr. Lon.=20deg	H. Ang=89deg	
Optical	03:39		04:06	Importance=C1	N05W90					
GOES	03:39	03:47	04:06	Peak...c/s=69	Qual=02					
HXRBS	03:42:11	03:42:43	03:43:20		Qual=01					
Event # = 7430	DOY=232		SMM Pointing:		84/08/20 DOY=233		Pitch=+251", Yaw=+573", Roll=0deg		H. Ang=41deg	
84/08/19,17:47	Start	Peak	End times	Code=ASR	S10E38	S10E38	MaxkeV=68			
Optical	17:45:56		17:48:16	Importance=C1	Qual=00					
GOES	17:45:56	17:47:30	17:48:16	Peak...c/s=70	Qual=01					
HXRBS	17:45:56	17:47:30	17:48:16							
Event # = 7431	DOY=233		SMM Pointing:		84/08/20 DOY=233		Pitch=+279", Yaw=+809", Roll=0deg		H. Ang=64deg	
84/08/20,02:00	Start	Peak	End times	Code=ASR	S14E61	S14E61	MaxkeV=404	Flags=MS, GB		
Optical	02:00:24		02:00:56	Importance=C1	Qual=01					
GOES	02:00:24	02:00:37	02:00:56	Peak...c/s=80	Tot Cts=237					
HXRBS	02:00:24	02:00:37	02:00:56							

Event # = 7432		84/08/24		DOY=237			
84/08/24, 05:09	DOY=237	SMM Pointing:		N13E68		Pitch=-170", Yaw=+858", Roll=0deg H. Ang=67deg	
Start	Peak	End times		Qual=00			
GOES 05:08:54	05:09:18	05:09:25		Qual=01		MaxkeV=48	
HXRB				Tot Cts=229			
Event # = 7433		84/08/24		DOY=237			
84/08/24, 12:23	DOY=237	SMM Pointing:		N13E68		Pitch=-170", Yaw=+858", Roll=0deg H. Ang=67deg	
Start	Peak	End times		Qual=00			
GOES 12:22:13	12:23:40	12:25:15		Qual=01		Flags=AX	
HXRB				Tot Cts=2381		MaxkeV=197	
Event # = 7434		84/08/26		DOY=239			
84/08/26, 02:17	DOY=239	SMM Pointing:		S17W23		Pitch=+378", Yaw=-351", Roll=0deg H. Ang=33deg	
Start	Peak	End times		S06E63		Mac. =CA0	
Optical				Qual=01		Carr. Lon.=135deg	
GOES 02:03	02:17	02:22		Qual=01		H. Ang=64deg	
HXRB	02:13:47	02:15:54		Qual=01		MaxkeV=48	
UVSP				Tot Cts=1559		Pitch=+365", Yaw=-356"	
Radio Frequency(MHz)/Flux(sfu):		410/13 4995/2 8800/4 15400/3					
Event # = 7435		84/09/06		DOY=250			
84/09/06, 05:26	DOY=250	SMM Pointing:		S17W24		Pitch=+377", Yaw=-376", Roll=0deg H. Ang=34deg	
Start	Peak	End times		S06E62		Mac. =CA0	
Optical				Qual=01		Carr. Lon.=134deg	
GOES 05:20	05:26	05:44		Qual=01		H. Ang=63deg	
HXRB	05:22:35	05:25:52		Qual=01		MaxkeV=48	
UVSP				Tot Cts=2980		Pitch=+364", Yaw=-381"	
Event # = 7436		84/09/06		DOY=250			
84/09/06, 19:54	DOY=250	SMM Pointing:		N10W65		Pitch=+233", Yaw=-1007", Roll=0deg	
Start	Peak	End times		Qual=01		Mac. =BX0	
Optical				Qual=01		Carr. Lon. =108deg	
GOES 19:49	19:54	19:56		Qual=01		H. Ang=64deg	
HXRB	19:50:11	19:53:00		Qual=01		MaxkeV=109	
UVSP				Tot Cts=2526			
Event # = 12729		84/09/08		DOY=252			
84/09/08, 19:57	DOY=252	SMM Pointing:		S04E44		Pitch=+152", Yaw=+659", Roll=0deg H. Ang=45deg	
Start	Peak	End times		Qual=01		MaxkeV=405	
HXRB	19:57:34	19:57:39		Qual=01		Rast=240"x240" Step=3" Pitch=+140", Yaw=+645"	
UVSP	20:33			Exp #=20886			
Event # = 7437		84/09/08		DOY=252			
84/09/08, 20:44	DOY=252	SMM Pointing:		S04E43		Pitch=+152", Yaw=+648", Roll=0deg H. Ang=44deg	
Start	Peak	End times		Qual=01		MaxkeV=48	
GOES 20:40	20:44	20:47		Qual=01		Rast=63"x63" Step=3" Pitch=+147", Yaw=+629"	
HXRB	20:41:31	20:42:45		Code=00		Exp #=20887	
UVSP	20:41			Exp #=20887			

Event # = 8356 84/09/08,23:59 Start	DOY=252 Peak		SMM Pointing:		Pitch=-79" ,Yaw=-1007" ,Roll=0deg
Optical			Code=ASR	AR4575	Mac.=DAO Carr.Lon.=104deg H.Ang=88deg
GOES	23:50	00:04	Importance=C2		
HXRBS	23:57:07	23:57:53	Peak...c/s=253		MaxkeV=88 #Peaks=1 XEN=425200
BCS	23:57	00:05	CaPeak.c/s=126		Rast=300"x300" Cad= 922s 1.024s/pixel
FCS	23:58		Peak3..c/s=22		Rast=240"x240" Step=3" Pitch=-92" ,Yaw=-1012"
UVSP	23:42		Wave length=2704A Code=00	Exp #=20893	
84/09/09 DOY=253					
Event # = 20633 84/09/09,09:53 Start	DOY=253 Peak		SMM Pointing:	AR4575	
GOES	09:43	10:02	Importance=B7		FePeak.c/s=11 #Peaks=1 dt= 7.7s XEN=425300
BCS	09:48	09:56	CaPeak.c/s=25		Rast=0"x0" Cad=3840s 3840s/pixel
FCS	09:48	09:48	Peak3..c/s=19		Rast=258"x258" Step=3" Pitch=-92" ,Yaw=-1012"
UVSP	09:50		Wave length=1336A Code=00	Exp #=20899	
84/09/10 DOY=254					
Event # = 20701 84/09/10,01:38 Start	DOY=254 Peak		SMM Pointing:	S04E27	Pitch=+172" ,Yaw=+437" ,Roll=0deg H.Ang=29deg
Optical			Code=APR		Carr.Lon.=270deg H.Ang=87deg
Optical			Code=ASR		Carr.Lon.=270deg H.Ang=90deg
GOES	01:01		Wave length=1336A		Step=3" Rast=63"x63" Pitch=+181" ,Yaw=+460"
UVSP	01:38		PA=65deg	Exp #=20921	
C/P	01:38		Extrap St=09/09,19:00		Loop visible late in event
Radio			Frequency(MHz)/Flux(sfu): 245/23 410/8		
84/09/10 DOY=254					
Event # = 20702 84/09/10,13:33 Start	DOY=254 Peak		SMM Pointing:	S04E21	Pitch=+178" ,Yaw=+339" ,Roll=0deg H.Ang=24deg
GOES	13:58		Wave length=1336A		Rast=240"x240" Step=3" Pitch=+165" ,Yaw=+322"
UVSP	13:33		PA=325deg	Exp #=20936	
C/P	13:33		Extrap St=09/10,02:35		
84/09/13 DOY=257					
Event # = 7438 84/09/13,17:20 Start	DOY=257 Peak		SMM Pointing:	S14W51	Pitch=+301" ,Yaw=-724" ,Roll=0deg H.Ang=55deg
GOES	17:19:52	17:22:05	Peak...c/s=86		MaxkeV=405
HXRBS	17:03	17:22:05	Wave length=1336A		Rast=258"x258" Step=3" Pitch=+288" ,Yaw=-727"
UVSP	17:03			Tot Cts=1700	
84/09/13 DOY=257					
Event # = 7439 84/09/13,22:21 Start	DOY=257 Peak		SMM Pointing:	S14W53	Pitch=+298" ,Yaw=-743" ,Roll=0deg H.Ang=57deg
GOES	22:21:49	22:22:43	Peak...c/s=67		MaxkeV=271
HXRBS	22:21:49	22:22:43	Wave length=1336A		Rast=258"x258" Step=3" Pitch=+284" ,Yaw=-752"
UVSP	21:46			Tot Cts=430	
84/09/13 DOY=257					
Event # = 7439 84/09/13,22:21 Start	DOY=257 Peak		SMM Pointing:	S14W53	Pitch=+298" ,Yaw=-743" ,Roll=0deg H.Ang=57deg
GOES	22:21:49	22:22:43	Peak...c/s=67		MaxkeV=271
HXRBS	22:21:49	22:22:43	Wave length=1336A		Rast=258"x258" Step=3" Pitch=+284" ,Yaw=-752"
UVSP	21:46			Tot Cts=430	

Event # = 7442		84/09/17		DOY=261	
84/09/17, 14:34	DOY=261	SMM Pointing:		Pitch=+244", Yaw=-931", Roll=0deg	
Start	Peak	End times			
GOES				MaxkeV=405	
HXRBS	14:33:02	14:34:31	14:35:54	Tot Cts=1296	Rast=258"x258" Step=3" Pitch=+232", Yaw=-927"
UVSP	14:22			Exp #=21108	
Event # = 7443		84/09/17, 18:52		DOY=261	
84/09/17, 18:52	DOY=261	SMM Pointing:		Pitch=+112", Yaw=+949", Roll=0deg H. Ang=87deg	
Start	Peak	End times			
HXRBS	18:52:23	18:52:30	18:52:35	Tot Cts=325	MaxkeV=325 Flags=NS,GB
Event # = 20725		84/09/17, 21:59		DOY=261	
84/09/17, 21:59	DOY=261	SMM Pointing:		Pitch=-120", Yaw=+939", Roll=-31deg H. Ang=82deg	
Start	Peak	End times			
Optical				Carr. Lon.=167deg H. Ang=87deg	
GOES				Rast=258"x258" Step=3" Pitch=+100", Yaw=+941"	
UVSP	22:00			Exp #=21111	
C/P	21:59	Extrap St=09/17, 20:52		Thin, partial loop	
Event # = 20726		84/09/21		DOY=265	
84/09/21, 23:41	DOY=265	SMM Pointing:		Pitch=+116", Yaw=+949", Roll=0deg H. Ang=87deg	
Start	Peak	End times			
Optical				Carr. Lon.=144deg H. Ang=58deg	
GOES				Rast=240"x240" Step=3" Pitch=+100", Yaw=+971"	
UVSP	23:18			Exp #=21171	
C/P	23:41	Extrap St=09/21, 20:17		Faint loop	
Event # = 7447		84/09/24		DOY=268	
84/09/24, 02:25	DOY=268	SMM Pointing:		Pitch=+948", Yaw=+1", Roll=90deg H. Ang=82deg	
Start	Peak	End times			
GOES				MaxkeV=48	
HXRBS	02:25:17	02:25:24	02:26:34	Tot Cts=485	Rast=240"x240" Step=3" Pitch=+940", Yaw=+22"
UVSP	02:19			Exp #=21240	
Event # = 7448		84/09/28		DOY=272	
84/09/28, 21:11	DOY=272	SMM Pointing:		Pitch=-114", Yaw=-949", Roll=31deg H. Ang=85deg	
Start	Peak	End times			
GOES				MaxkeV=68	
HXRBS	21:10:53	21:11:50	21:13:06	Tot Cts=1390	Rast=240"x240" Step=3" Pitch=-136", Yaw=-927"
UVSP	21:10			Exp #=21390	
Event # = 20703		84/10/01		DOY=275	
84/10/01, 10:39	DOY=275	SMM Pointing:		Pitch=-1", Yaw=-922", Roll=0deg H. Ang=74deg	
Start	Peak	End times			
Optical				Carr. Lon.=348deg H. Ang=91deg	
Optical				Carr. Lon.=348deg H. Ang=92deg	
GOES				Rast=180"x1" Step=0" Pitch=-3", Yaw=-921"	
UVSP	10:03			Exp #=21481	
C/P	10:39	Extrap St=10/01, 12:59		Streamer with interior darkshell, bright mound	

84/10/02		DOY=276	
Event # = 20704			
84/10/02,16:07	DOY=276	SMM Pointing:	Pitch=+134",Yaw=-939",Roll=0deg H.Ang=81deg
Start	Peak	End times	
GOES			
UVSP	16:05	Wavelength=1388A	Exp.#=21542
C/P	16:07	St=10/02,12:14 PA=107deg	Streamers with bright mound
84/10/08		DOY=282	
Event # = 7449			
84/10/08,13:37	DOY=282	SMM Pointing:	Pitch=+0",Yaw=+912",Roll=0deg H.Ang=71deg
Start	Peak	End times	
GOES			
HXRBS	13:36:20	13:37:20 13:38:36	Peak...c/s=101
UVSP			Qual=00
			Qual=01
			Tot Cts=2666
			MaxkeV=109
			Flags=AX
84/10/15		DOY=289	
Event # = 7450			
84/10/08,15:15	DOY=282	SMM Pointing:	Pitch=+0",Yaw=+912",Roll=0deg H.Ang=71deg
Start	Peak	End times	
GOES			
HXRBS	15:14:34	15:15:39 15:17:31	Peak...c/s=89
UVSP	15:02	15:02	Wavelength=1369A
			Qual=00
			Qual=02
			Exp #=21740
			Flags=S6
			Rast=180"x1"
			Step=0"
			Pitch=-3",Yaw=+913"
84/10/16		DOY=290	
Event # = 12730			
84/10/15,22:56	DOY=289	SMM Pointing:	Pitch=+401",Yaw=-538",Roll=0deg H.Ang=44deg
Start	Peak	End times	
HXRBS	22:56:28	22:56:35 22:56:43	Peak...c/s=56
UVSP	23:17	23:17	Wavelength=1548A
			Qual=01
			Tot Cts=53
			Exp #=21910
			Flags=NS,GB
			Rast=240"x240"
			Step=3"
			Pitch=+384",Yaw=-527"
84/10/18		DOY=292	
Event # = 20705			
84/10/16,00:55	DOY=290	SMM Pointing:	Pitch=+400",Yaw=-559",Roll=0deg H.Ang=45deg
Start	Peak	End times	
GOES			
UVSP	00:52	00:52	Wavelength=1548A
C/P	00:55	00:55	PA=17deg
			Exp #=21913
			Bright mound
			Qual=00
			Step=3"
			Pitch=+383",Yaw=-537"
84/10/21		DOY=295	
Event # = 20706			
84/10/18,06:27	DOY=292	SMM Pointing:	Pitch=+3",Yaw=+364",Roll=0deg H.Ang=22deg
Start	Peak	End times	
Optical			
GOES			
UVSP	06:21	06:21	Wavelength=1548A
C/P	06:27	06:27	PA=68deg
			Exp #=22006
			Interior shell, mound?
			Qual=00
			Carr. Lon.=126deg
			H.Ang=88deg
			Step=3"
			Pitch=-13",Yaw=+386"
84/10/21		DOY=295	
Event # = 20707			
84/10/21,11:33	DOY=295	SMM Pointing:	Pitch=-212",Yaw=+71",Roll=0deg H.Ang=13deg
Start	Peak	End times	
Optical			
GOES			
UVSP	11:26	11:26	Wavelength=1548A
C/P	11:33	11:33	PA=105deg
			Exp #=22129
			Complex
			Qual=00
			S28E90
			N18E04
			Carr. Lon.=84deg
			H.Ang=92deg
			Step=3"
			Pitch=-228",Yaw=+87"

Event # = 20708			
84/10/21, 22:50	DOY=295		
Start	Peak		
Optical		SMM Pointing:	
Optical		Code=EPL	N18W02
GOES		Code=BSL	N27E90
			N30E90
UVSP	22:39	Wavelength=1548A	Qual=00
C/P	22:50	Extrap St=10/21, 20:23 PA=68deg	Exp #=22151
			Streamer with interior darkshell
			Pitch=-211", Yaw=-29", Roll=0deg
			H. Ang=13deg
			Carr. Lon.=77deg
			H. Ang=88deg
			Carr. Lon.=77deg
			H. Ang=87deg
			Step=3" Pitch=-228", Yaw=-10"
			Rast=120"x120"

Event # = 20709			
84/10/31, 18:37	DOY=305		
Start	Peak		
Optical		SMM Pointing:	
GOES		Code=EPL	N05E20
UVSP	18:36	Wavelength=2794A	S30E90
C/P	18:37	PA=98deg	Qual=00
			Widening fan
			Exp #=22455
			Streamer with cavity
			Pitch=-16", Yaw=+331", Roll=0deg
			H. Ang=20deg
			Carr. Lon.=308deg
			H. Ang=92deg
			Step=0" Pitch=-31", Yaw=+352"
			Rast=3"x3"

Event # = 20710			
84/11/03, 00:43	DOY=308		
Start	Peak		
GOES	00:15	SMM Pointing:	
UVSP	00:00	Importance=A8	N04W00
C/P	00:16	Wavelength=2662A	Qual=01
		PA=82deg	Code=00
		Type/Intensity: I1/2 V/2	Exp #=22515
			Streamer with cavity
			Pitch=+0", Yaw=+0", Roll=0deg
			H. Ang=0deg
			Rast=180"x1"
			Step=0" Pitch=-16", Yaw=+66"

Event # = 7460			
84/11/04, 02:52	DOY=309		
Start	Peak		
GOES	02:31	SMM Pointing:	
HRBS	02:48:19	Importance=A9	N07E85
UVSP	02:56	Peak...c/s=95	Qual=04
		Wavelength=2798A	Qual=01
			Code=02
			Exp #=22542
			MaxkeV=48
			Rast=240"x240"
			Step=3" Pitch=+102", Yaw=+983"
			Pitch=-118", Yaw=+958", Roll=0deg
			H. Ang=85deg

Event # = 12731			
84/11/05, 17:02	DOY=310		
Start	Peak		
HRBS	17:02:22	SMM Pointing:	
UVSP	16:28	Code=EPL	S01W72
		Peak...c/s=38	Qual=01
		Wavelength=1982A	Exp #=22584
			Flags=NS, GB
			Step=0" Pitch=+14", Yaw=-856"
			Pitch=+30", Yaw=-923", Roll=0deg
			H. Ang=72deg

Event # = 20711			
84/11/09, 22:55	DOY=314		
Start	Peak		
Optical		SMM Pointing:	
GOES		Code=EPL	N17E18
C/P	22:55	PA=240deg	S18W90
			Qual=00
			Mound, dark cavity?
			Exp #=22584
			Pitch=-231", Yaw=+294", Roll=0deg
			H. Ang=23deg
			Carr. Lon.=7deg
			H. Ang=91deg

Event # = 7464			
84/11/10, 00:08	DOY=315		
Start	Peak		
GOES	23:53	SMM Pointing:	
HRBS	00:25:06	Importance=B1	N17E18
		Peak...c/s=78	Qual=05
			Qual=01
			Exp #=22584
			MaxkeV=89
			Pitch=-231", Yaw=+294", Roll=0deg
			H. Ang=23deg

Event # = 20634			DOY=315		SMM Pointing:		N17E16		Pitch=-230", Yaw=+255", Roll=0deg		H. Ang=21deg	
84/11/10, 04:37	Start	End times	Peak									
Optical												
GOES	04:28	04:50	04:37	AR4592	AR4592	Ha...Class=1B	N17E14	AR4592	Mac.=DAO	Carr. Lon.=260deg	H. Ang=19deg	
BCS	05:14	05:17	05:14			Importance=M2	Qual=05		FePeak.c/s=8	#Peaks=1	XEN=431500	
FCS	05:15	05:17	05:15			CaPeak.c/s=21	Qual=5		Rast=240"x240"	Step=10"	1.024s/pixel	
Radio						Peak3...c/s=14						
Radio Sweeps						Type/Intensity:						
Radio						II/3 IV/1						
Frequency (MHz)/Flux(sfu):						245/82000 410/12000 606/22000 1415/2800 4995/670 8800/1300 15400/1100						
Event # = 20635			DOY=315		SMM Pointing:		N17E07		Pitch=-229", Yaw=+117", Roll=0deg		H. Ang=15deg	
84/11/10, 19:53	Start	End times	Peak									
Optical												
GOES	19:46	19:59	19:53	AR4592	AR4592	Ha...Class=SB	N16E05		Mac.=DAO	Carr. Lon.=260deg	H. Ang=14deg	
BCS	19:50	19:56	19:52			Importance=C9	Qual=01		FePeak.c/s=18	#Peaks=2	XEN=431502	
FCS	19:55	19:56	19:55			CaPeak.c/s=32	Qual=2		Rast=0"x0"	Step=0"	768.0s/pixel	
Radio						Peak3...c/s=234						
Event # = 7465			DOY=315		SMM Pointing:		N17E07		Pitch=-229", Yaw=+117", Roll=0deg		H. Ang=15deg	
84/11/10, 20:10	Start	End times	Peak									
Optical												
GOES	20:01	20:34	20:10	AR4592	AR4592	Ha...Class=1B	N18E08		Mac.=DAO	Carr. Lon.=257deg	H. Ang=17deg	
HXRBS	20:02:05	20:08:07	20:07:03			Importance=M3	Qual=01		MaxkeV=246	Flags=EN		
GRS	20:02:00		20:02:00			Peak....c/s=5530	Qual=03		>10MeV=N			
BCS	20:02	21:18	20:07			CaPeak.c/s=1749	Qual=5		FePeak.c/s=976	#Peaks=1	XEN=431503	
FCS	20:06	20:06	20:06			Peak3...c/s=373			Rast=0"x0"	Step=0"	768.0s/pixel	
Radio						Type/Intensity:						
Radio Sweeps						II/1 III/1 V/1						
Radio						245/1500 410/450 606/1200 1415/490 2695/330 4995/400 8800/730 15400/320						
Event # = 7466			DOY=315		SMM Pointing:		N16E06		Pitch=-214", Yaw=+105", Roll=0deg		H. Ang=14deg	
84/11/10, 20:48	Start	End times	Peak									
GOES	20:46:13	20:49:08	20:48:22						MaxkeV=89			
HXRBS						Peak....c/s=71						
Event # = 8367			DOY=317		SMM Pointing:		N16W14		Pitch=-216", Yaw=-219", Roll=0deg		H. Ang=18deg	
84/11/12, 10:17	Start	End times	Peak									
Optical												
GOES	09:52	10:42	10:17	AR4592	AR4592	Ha...Class=1N	N18W16		Mac.=DAO	Carr. Lon.=260deg	H. Ang=22deg	
HXRBS	10:27:58	10:31:19	10:28:17			Importance=C4	Qual=05		MaxkeV=89	Flags=I, SN, ES	XEN=431700	
BCS	10:28	11:00	10:29			Peak....c/s=103	Qual=04		FePeak.c/s=13	#Peaks=1	3840s/pixel	
FCS	10:29	10:29	10:29			CaPeak.c/s=130	Qual=8		Rast=0"x0"	Step=0"	768.0s/pixel	
UVSP	09:56		09:56			Peak3...c/s=1185			Rast=10"x10"	Step=0"		
Radio						Wavelength=1551A						
Radio Sweeps						II/1/1						
Radio						Type/Intensity:						
Frequency (MHz)/Flux(sfu):						245/210 410/890 606/670 1415/120 2695/25 4995/15 8800/16 15400/49						
Event # = 20727			DOY=319		SMM Pointing:		N15W38		Pitch=-213", Yaw=-583", Roll=0deg		H. Ang=40deg	
84/11/14, 00:22	Start	End times	Peak									
GOES	23:41		23:41									
UVSP	00:22		00:22									
C/P												

Event # = 12732		SMM Pointing:		N15W41		Pitch=-215", Yaw=-620", Roll=0deg		H. Ang=42deg	
84/11/14, 04:01	DOY=319	Start	End times	Qual=01	Tot Cts=40	MaxkeV=222	Flags=NS, GB		
HXRBS	04:01:50	04:01:53	04:01:57						
Event # = 7467		SMM Pointing:		N15W72		Pitch=-237", Yaw=-894", Roll=0deg		H. Ang=72deg	
84/11/16, 14:24	DOY=321	Start	End times	Qual=01	Tot Cts=6014	MaxkeV=109	Carr. Lon.=263deg		
Optical	14:02	14:24	14:45	Qual=01	Exp #=22909	Rast=15" x15"	Step=3"	Pitch=+125", Yaw=+253"	
GOES	14:12:57	14:14:57	14:18:41						
HXRBS	14:12:57	14:14:57	14:18:41						
UVSP	15:13								
Event # = 20520		SMM Pointing:		N18E80		Pitch=-156", Yaw=-910", Roll=0deg		H. Ang=72deg	
84/11/16, 15:44	DOY=321	Start	End times	Qual=00	Tot Cts=592	MaxkeV=222	Carr. Lon.=91deg		
GOES	15:21								
UVSP	15:44	15:44	15:44	Qual=00	Exp #=22912	Rast=3" x3"	Step=0"	Pitch=+53", Yaw=+397"	
C/P	15:44	Extrap	St=11/16, 11:00	PA=286deg					
Event # = 20712		SMM Pointing:		N18W72		Pitch=-156", Yaw=-910", Roll=0deg		H. Ang=72deg	
84/11/17, 23:12	DOY=322	Start	End times	Qual=00	Tot Cts=592	MaxkeV=222	Carr. Lon.=91deg		
Optical	22:41								
GOES	23:12								
UVSP	23:12	23:12	23:12	Qual=00	Exp #=22951	Rast=250" x250"	Step=10"	Pitch=-172", Yaw=-888"	
C/P	23:12	Extrap	St=11/17, 12:21	PA=75deg	Wisp or part of loop				
Event # = 12733		SMM Pointing:		S10E87		Pitch=+168", Yaw=+957", Roll=0deg		H. Ang=87deg	
84/11/19, 22:32	DOY=324	Start	End times	Qual=01	Tot Cts=592	MaxkeV=222	Flags=NS, GB		
HXRBS	22:32:26	22:32:39	22:33:25	Qual=01	Exp #=23024	Rast=39" x39"	Step=3"	Pitch=+200", Yaw=+951"	
UVSP	22:02								
Event # = 7475		SMM Pointing:		S83W00		Pitch=+970", Yaw=+1", Roll=0deg		H. Ang=85deg	
84/11/22, 05:18	DOY=327	Start	End times	Qual=01	Tot Cts=2798	MaxkeV=48	Carr. Lon.=65deg		
Optical	05:12	05:18	05:21	Qual=01	Exp #=23126	Rast=243" x243"	Step=3"	Pitch=-998", Yaw=+55"	
GOES	05:14:12	05:15:37	05:15:58	Code=02					
HXRBS	05:14:12	05:15:37	05:15:58						
UVSP	05:19								
Radio Sweeps	Type/Intensity:								
Radio Frequency (MHz)/Flux (sfu):	245/100 410/15								
Event # = 20713		SMM Pointing:		S13E22		Pitch=+245", Yaw=+353", Roll=0deg		H. Ang=26deg	
84/11/24, 17:04	DOY=329	Start	End times	Qual=00	Tot Cts=592	MaxkeV=222	Carr. Lon.=172deg		
Optical	16:53								
GOES	17:04								
UVSP	17:04	17:04	17:04	Qual=00	Exp #=23258	Rast=120" x120"	Step=10"	Pitch=+195", Yaw=+419"	
C/P	17:04	Extrap	St=11/24, 12:26	PA=292deg					

84/11/25		DOY=330	
Event # = 12734			
84/11/25, 09:08	DOY=330	S13E13	Pitch=+247", Yaw=+209", Roll=0deg
Start	Peak		H. Ang=19deg
HXRBS 09:08:17	09:08:19	Qual=01	MaxkeV=407
UVSP 09:00	09:08:25	WaveLength=1550A	Flags=NS, GB
			Rast=240"x240" Step=3" Pitch=+229", Yaw=+226"
			Tot Cts=85
			Exp #=23290
SMM Pointing:			
Event # = 7476			
84/11/25, 23:19	DOY=330	S13E07	Pitch=+242", Yaw=+115", Roll=0deg
Start	Peak		H. Ang=16deg
Optical			Mac.=EHO
GOES 23:12	23:19	S11E09	Carr. Lon.=57deg
HXRBS 23:14:44	23:15:43	Qual=01	
BCS 23:16	23:19	Qual=01	MaxkeV=68
FCS 23:20	23:20	Qual=1	dt= 7.7s
UVSP 22:45	23:20	Code=00	XEN=433000
			Rast=0"x0" Step=0"
			Cad= 768s
			768.0s/pixel
			Rast=240"x240" Step=10" Pitch=+215", Yaw=+145"
			Exp #=23301
			WaveLength=1548A
84/11/26			
DOY=331			
Event # = 7477			
84/11/26, 12:58	DOY=331	S13W01	Pitch=+243", Yaw=-15", Roll=0deg
Start	Peak		H. Ang=14deg
GOES 12:56	12:58	Qual=01	
HXRBS 12:57:54	12:58:21	Qual=01	MaxkeV=89
UVSP 12:54	12:54	Code=00	Rast=240"x240" Step=3" Pitch=+225", Yaw=+7"
			Exp #=23327
			WaveLength=2800A
SMM Pointing:			
Event # = 7478			
84/11/26, 19:15	DOY=331	M07E14	Pitch=-96", Yaw=+239", Roll=0deg
Start	Peak		H. Ang=15deg
Optical			Mac.=EHO
GOES 19:11	19:15	S12W00	Carr. Lon.=55deg
HXRBS 19:13:22	19:14:43	Qual=01	H. Ang=13deg
UVSP	19:16:30	Qual=01	
Radio			MaxkeV=109
			Flags=M
			Pitch=-123", Yaw=+268"
			Frequency(MHz)/Flux(sfu): 245/390 410/490 1415/45 2695/40
84/11/27			
DOY=332			
Event # = 7479			
84/11/27, 02:22	DOY=332	S13W08	Pitch=+240", Yaw=-128", Roll=0deg
Start	Peak		H. Ang=16deg
Optical			Mac.=EKO
GOES 02:17	02:22	S09W04	Carr. Lon.=55deg
HXRBS 02:17:58	02:18:15	Qual=03	
BCS 02:18	02:21	Qual=01	MaxkeV=68
FCS 02:19	02:26	Qual=1	dt= 3.8s
UVSP	02:26	Code=00	XEN=433200
Radio			Rast=0"x0" Step=0"
			Cad= 129s
			129.0s/pixel
			Rast=240"x240" Step=10" Pitch=+213", Yaw=-98"
			Exp #=23301
			WaveLength=1548A
			Frequency(MHz)/Flux(sfu): 245/110 410/17 606/23 1415/12 2695/10 4995/10 8800/13

Event # = 7480	DOY=332	SMM Pointing:	S13W09	Pitch=+240", Yaw=-156", Roll=0deg	H. Ang=17deg
84/11/27, 04:54	Peak	End times			
Optical					
GOES 04:45	04:54	Ha...Class=SF	S09W05	Mac.=EKO	Carr. Lon.=55deg
HXRBS 04:50:12	04:50:45	Importance=C1	Qual=01	MaxkeV=89	H. Ang=11deg
BCS 04:50	04:52	Peak...c/s=189	Qual=01	Tot Cts=3416	
FCS	04:52	CaPeak.c/s=70	Qual=1	FePeak=04:52	
UVSP	04:56	Peak3...c/s=357		Rast=0"x0"	
Radio Sweeps	Type/Intensity:			#Peaks=1	dt= 3.8s
Radio	Frequency(MHz)/Flux(sfu):	III/2	245/150	Step=0"	Cad=1.02s
			606/200		XEN=433201
			1415/35		Pitch=+340", Yaw=-255"
			2695/12		
			4995/12		
Event # = 7481	DOY=332	SMM Pointing:	S13W10	Pitch=+240", Yaw=-171", Roll=0deg	H. Ang=18deg
84/11/27, 06:31	Peak	End times			
Optical					
GOES 06:19	06:31	Ha...Class=SF	S09W06	Mac.=EKO	Carr. Lon.=55deg
HXRBS 06:23:36	06:23:54	Importance=C2	Qual=01	MaxkeV=48	H. Ang=12deg
BCS 06:22	06:30	Peak...c/s=75	Qual=01	FePeak.c/s=18	
FCS	06:30	CaPeak.c/s=135	Qual=1	Rast=0"x0"	
UVSP	06:30	Peak3...c/s=511		#Peaks=1	dt= 3.8s
Radio Sweeps	Type/Intensity:			Step=0"	Cad=1.02s
Radio	Frequency(MHz)/Flux(sfu):	IV/2	245/41		XEN=433206
			410/3		Cad=1.02s
			606/8		Pitch=+340", Yaw=-269"
			1415/10		
			2695/7		
			4995/7		
			8800/6		
			15400/7		
Event # = 20714	DOY=332	SMM Pointing:	S13W12	Pitch=+240", Yaw=-199", Roll=0deg	H. Ang=19deg
84/11/27, 10:27	Peak	End times			
Optical					
GOES 10:27	10:27	Code=APR	S23E90	Carr. Lon.=316deg	H. Ang=90deg
UVSP	10:27	PA=115deg	Qual=00		
C/P	10:27	Eruption of streamer		Pitch=+340", Yaw=-302"	
Event # = 7482	DOY=332	SMM Pointing:	S13W13	Pitch=+241", Yaw=-212", Roll=0deg	H. Ang=19deg
84/11/27, 10:58	Peak	End times			
Optical					
GOES 10:46	10:58	Ha...Class=1B	S11W12	Mac.=EKO	Carr. Lon.=58deg
HXRBS 10:54:18	10:56:41	Importance=C8	Qual=04	MaxkeV=109	H. Ang=17deg
BCS 10:54	10:58	Peak...c/s=397	Qual=02	Tot Cts=37152	
FCS	11:03	CaPeak.c/s=586	Qual=1	FePeak=10:57	
UVSP	11:03	Peak3...c/s=58		Rast=180"x180"	
Radio Sweeps	Type/Intensity:			#Peaks=2	XEN=433208
Radio	Frequency(MHz)/Flux(sfu):	IV/2	1415/9	Step=10"	Cad= 332s
			2695/30		1.024s/pixel
			4995/74		Pitch=+340", Yaw=-311"
			8800/97		
Event # = 7483	DOY=332	SMM Pointing:	N07E04	Pitch=-99", Yaw=+66", Roll=0deg	H. Ang=7deg
84/11/27, 14:10	Peak	End times			
GOES 13:55	14:10	Importance=B1	Qual=04	MaxkeV=407	
HXRBS 14:07:32	14:07:34	Peak...c/s=74	Qual=01	Tot Cts=347	
UVSP	14:07:32				
					Pitch=-125", Yaw=+94"

Event # = 7484
 84/11/27, 18:47 DOY=332 Peak 18:47 18:56 18:50:19 18:53 18:51
 SMM Pointing: NO7E02
 Ha...Class=18 S09W13 AR4598
 Importance=M1 Qual=05
 Peak...c/s=114 Qual=01 Tot Cts=4262
 CaPeak.c/s=31 Qual=4 FePeak=18:49
 WaveLength=1548A Code=00
 Frequency(MHz)/Flux(sfu): 606/73 2695/19 4995/38 8800/50

84/11/28 DOY=333
 Event # = 20637
 84/11/28, 00:51 DOY=333 Peak 00:51 01:04 01:32 01:24
 SMM Pointing: NO7W01
 Ha...Class=1N S08W14 AR4598
 Importance=M1 Qual=05
 CaPeak.c/s=187 Qual=5 FePeak=01:04
 Peak3...c/s=183
 Frequency(MHz)/Flux(sfu): 245/140 410/20 1415/62 2695/19 4995/29 8800/34 15400/23

Event # = 7485
 84/11/28, 08:09 DOY=333 Peak 08:09 08:15 08:05:36 08:05:52 07:54
 SMM Pointing: S12W20
 Ha...Class=SF S11W22 AR4598
 Importance=B2 Qual=01
 Peak...c/s=104 Qual=01 Tot Cts=350
 WaveLength=1548A Code=00 Exp #=23394
 Frequency(MHz)/Flux(sfu): 245/140 410/20 1415/62 2695/19 4995/29 8800/34 15400/23

Event # = 20651
 84/11/28, 12:44 DOY=333 Peak 12:44 12:53 12:46 12:43 12:37
 SMM Pointing: S12W22
 Ha...Class=SN S11W25 AR4598
 Importance=B6 Qual=01
 CaPeak.c/s=20 Qual=1 FePeak=12:43
 WaveLength=1548A Code=00 Exp #=23406
 Frequency(MHz)/Flux(sfu): 245/140 410/20 1415/62 2695/19 4995/29 8800/34 15400/23

Event # = 20652
 84/11/28, 12:56 DOY=333 Peak 12:56 12:59 12:58 12:57 12:37
 SMM Pointing: S12W22
 Ha...Class=SN S11W25 AR4598
 Importance=B6 Qual=01
 CaPeak.c/s=21 Qual=1 FePeak=12:57
 WaveLength=1548A Code=00 Exp #=23406
 Frequency(MHz)/Flux(sfu): 245/140 410/20 1415/62 2695/19 4995/29 8800/34 15400/23

84/12/01 DOY=336
 Event # = 20715
 84/12/01, 14:33 DOY=336 Peak 14:33 15:20 14:15
 SMM Pointing: S12W68
 Ha...Class=SF N19E90 AR4602
 Code=LPS N19E90 AR4602
 Importance=C1 Qual=02
 WaveLength=1373A Code=01 Exp #=23589
 Frequency(MHz)/Flux(sfu): 245/140 410/20 1415/62 2695/19 4995/29 8800/34 15400/23

Event # = 20521 84/12/01,15:46 Start Peak End times	D0Y=336 Peak End times	Qual=00	Exp #=23591	Rast=265"x265" Step=5" Pitch=+179" ,Yaw=-862"
GOES UVSP C/P	15:42 15:46	Wavelength=1373A PA=88deg		
Event # = 8393 84/12/01,18:51 Start Peak End times	D0Y=336 Peak End times	S12W70	Pitch=+207" ,Yaw=-895" ,Roll=0deg	H.Ang=70deg
GOES HXRBS UVSP	18:47 18:44:58 18:53	Importance=B1 Peak...c/s=41 Wavelength=1548A	MaxkeV=68 Rast=255"x255" Step=3"	Flags=I Step=3"
Event # = 7486 84/12/03,10:49 Start Peak End times	D0Y=338 Peak End times	AR4602	84/12/03 D0Y=338	
GOES HXRBS UVSP	10:48:40 10:07	Peak...c/s=86 Wavelength=1548A	MaxkeV=68 Rast=240"x240" Step=3"	Pitch=-343" ,Yaw=+917"
Event # = 7492 84/12/05,01:29 Start Peak End times	D0Y=340 Peak End times	N11E89	Pitch=-178" ,Yaw=+959" ,Roll=0deg	H.Ang=89deg
HXRBS UVSP	01:28:25 01:28	Peak...c/s=110 Wavelength=1216A	MaxkeV=327 Rast=260"x260" Step=10"	Flags=NS,GB Pitch=-204" ,Yaw=+984"
Event # = 20716 84/12/09,23:33 Start Peak End times	D0Y=344 Peak End times	S03E18	Pitch=+47" ,Yaw=+300" ,Roll=0deg	H.Ang=18deg
Optical GOES UVSP C/P	23:25 23:33	Code=ASR Wavelength=1550A PA=71deg	Carr. Lon.=151deg Step=10"	H.Ang=90deg Pitch=+19" ,Yaw=+328"
Event # = 8395 84/12/13,03:15 Start Peak End times	D0Y=348 Peak End times	S15W22	Pitch=+241" ,Yaw=-356" ,Roll=0deg	H.Ang=26deg
GOES HXRBS UVSP	03:14:28 03:13	Peak...c/s=131 Wavelength=2794A	MaxkeV=200 Rast=3"x3"	Flags=I Step=0"
Event # = 20717 84/12/24,06:33 Start Peak End times	D0Y=359 Peak End times	S13W05	Pitch=+185" ,Yaw=-81" ,Roll=0deg	H.Ang=12deg
Optical Optical GOES UVSP C/P	06:36 06:33	Code=ASR Code=APR Wavelength=1372A PA=260deg	Carr. Lon.=143deg Carr. Lon.=143deg Step=5"	H.Ang=91deg H.Ang=89deg Pitch=+175" ,Yaw=-43"

Event #	Start	End times	SMM Pointing:	WaveLength=	PA=	Exp #	Qual=	Flags=	Roll=	Pitch=	Yaw=	Step=	H. Ang=
84/12/25,14:01	13:52	14:01	S13W24	1372A	265deg	24605	00		0deg	+186"	-387"	0"	26deg
84/12/25	14:01		Pointing:										
GOES													
UVSP													
C/P													
84/12/25 DOY=360													
Pitch=+186", Yaw=-387", Roll=0deg H. Ang=26deg													
Rast=30"x30" Step=0" Pitch=+243", Yaw=-453"													
Bulge in streamer													
85/01/01 DOY=1													
85/01/01,08:35	08:35:51	08:36:12	S10W44	1373A		24892	01		0deg	+134"	-668"	0deg	44deg
85/01/01	08:35:59	08:36:12	Pointing:										
GOES													
HXRBS													
UVSP													
85/01/14 DOY=14													
85/01/14,06:06	06:06	06:05:38	S06E02			618	01		0deg	+26"	+32"	0deg	2deg
85/01/14	06:06	06:05:38	Pointing:										
GOES													
HXRBS													
85/01/15 DOY=15													
85/01/15,19:16	19:16	19:11	S08W17			4616	01		0deg	+60"	-289"	0deg	18deg
85/01/15	19:16	19:11	Pointing:										
Optical													
GOES													
HXRBS													
UVSP													
Radio													
85/01/16 DOY=16													
85/01/16,10:25	10:15	10:13	S11W26			1532	01		0deg	+107"	-422"	0deg	26deg
85/01/16	10:25	10:13	Pointing:										
GOES													
HXRBS													
UVSP													
85/01/17 DOY=17													
85/01/17,14:10	14:02	14:09	S10W42			25547	00		0deg	+108"	-646"	0deg	42deg
85/01/17	14:10	14:09	Pointing:										
Optical													
GOES													
HXRBS													
UVSP													
85/01/16 DOY=16													
85/01/16,10:25	10:15	10:13	S11W26			1532	01		0deg	+107"	-422"	0deg	26deg
85/01/16	10:25	10:13	Pointing:										
GOES													
HXRBS													
UVSP													
85/01/17 DOY=17													
85/01/17,14:10	14:02	14:09	S10W42			25547	00		0deg	+108"	-646"	0deg	42deg
85/01/17	14:10	14:09	Pointing:										
Optical													
GOES													
HXRBS													
UVSP													
85/01/16 DOY=16													
85/01/16,10:25	10:15	10:13	S11W26			1532	01		0deg	+107"	-422"	0deg	26deg
85/01/16	10:25	10:13	Pointing:										
GOES													
HXRBS													
UVSP													
85/01/17 DOY=17													
85/01/17,14:10	14:02	14:09	S10W42			25547	00		0deg	+108"	-646"	0deg	42deg
85/01/17	14:10	14:09	Pointing:										
Optical													
GOES													
HXRBS													
UVSP													
85/01/16 DOY=16													
85/01/16,10:25	10:15	10:13	S11W26			1532	01		0deg	+107"	-422"	0deg	26deg
85/01/16	10:25	10:13	Pointing:										
GOES													
HXRBS													
UVSP													
85/01/17 DOY=17													
85/01/17,14:10	14:02	14:09	S10W42			25547	00		0deg	+108"	-646"	0deg	42deg
85/01/17	14:10	14:09	Pointing:										
Optical													
GOES													
HXRBS													
UVSP													

Event # = 8403		85/01/18		DOY=18					
85/01/18, 15:25	DOY=18	SMM Pointing:		S10W55		Pitch=+123", Yaw=-792", Roll=0deg		H. Ang=55deg	
GOES	Start	Importance=B2		Qual=01					
HXRBS	15:21	Peak...c/s=131		Qual=01		MaxkeV=70		Flags=1	
UVSP	15:24:15	Wavelength=1548A		Code=00		Rast=255"x249"		Step=3" Pitch=+115", Yaw=-760"	
UVSP	15:23			Tot Cts=1004					
UVSP	15:23			Exp #=25609					
Event # = 7541		85/01/19		DOY=19					
85/01/19, 07:04	DOY=19	SMM Pointing:		S10W64		Pitch=+132", Yaw=-864", Roll=0deg		H. Ang=63deg	
Optical	Start	Ha...Class=SF		S06W65		Mac.=DAO		Carr. Lon.=135deg	
GOES	07:02	Importance=B5		Qual=01					
HXRBS	07:01:58	Peak...c/s=82		Qual=01		MaxkeV=49			
BCS	07:03	CaPeak.c/s=26		Qual=1		FePeak=07:05		#Peaks=1 dt= 7.7s	
FCS	07:04	Peak3...c/s=384		Code=02		Exp #=25642		XEN=501900	
UVSP	07:07	Wavelength=1373A		Code=02		Exp #=25642		Rast=0"x0" dt= 7.7s	
Radio	Frequency(MHz)/Flux(sfu):	4995/6 8800/6 15400/5						Cad=3840s 3840s/pixel	
Event # = 7542		85/01/20		DOY=20					
85/01/20, 12:57	DOY=20	SMM Pointing:		S10W79		Pitch=+152", Yaw=-944", Roll=0deg		H. Ang=78deg	
GOES	Start	Importance=C2		Qual=01					
HXRBS	12:52	Peak...c/s=161		Qual=01		MaxkeV=70			
UVSP	12:54:19	Wavelength=1546A		Code=02		Rast=3"x3"		Step=0" Pitch=+146", Yaw=-787"	
UVSP	13:03			Tot Cts=3644					
UVSP	13:03			Exp #=25704					
Event # = 7543		85/01/20		DOY=20					
85/01/20, 20:52	DOY=20	SMM Pointing:		S09W22		Pitch=+72", Yaw=-360", Roll=0deg		H. Ang=22deg	
Optical	Start	Ha...Class=1B		S09W24		Mac.=DHI		Carr. Lon.=73deg	
GOES	20:41	Importance=M4		Qual=01					
HXRBS	20:45:27	Peak...c/s=13040		Qual=01		MaxkeV=226		Flags=M	
BCS	20:45	CaPeak.c/s=2883		Qual=1		FePeak=20:49		#Peaks=1	
FCS	20:50	Peak3...c/s=6685		Code=02		Exp #=25720		Rast=253"x253" Step=3" Pitch=+63", Yaw=-322"	
UVSP	20:52	Wavelength=1548A		Code=02		Exp #=25720		Rast=253"x253" Step=3" Pitch=+63", Yaw=-322"	
Radio	Sweeps	Type/Intensity:		I/1		245/76 410/120 606/89 1415/185 2695/98 4995/82 8800/160 15400/400			
Radio	Frequency(MHz)/Flux(sfu):								
Event # = 20545		85/01/21		DOY=21					
85/01/20, 22:20	DOY=20	SMM Pointing:		S09W23		Pitch=+72", Yaw=-374", Roll=0deg		H. Ang=23deg	
BCS	Start	CaPeak.c/s=25		Qual= 5		FePeak=22:21		#Peaks=1 dt= 7.7s	
FCS	22:20	Peak3...c/s=25		Code=00		Exp #=25723		XEN=502001	
UVSP	22:27	Wavelength=1548A		Code=00		Exp #=25723		Rast=255"x128" Step=1" Pitch=+62", Yaw=-362"	
UVSP	22:27								
Event # = 20591		85/01/21		DOY=21					
85/01/21, 00:05	DOY=21	SMM Pointing:		S09W24		Pitch=+73", Yaw=-388", Roll=0deg		H. Ang=24deg	
GOES	Start	Importance=B7		Qual=01					
BCS	00:03	CaPeak.c/s=18		Qual=1		FePeak=00:05		#Peaks=1	
UVSP	00:05	Wavelength=1529A		Code=00		Exp #=25725		Rast=1"x1" Step=0" Pitch=+69", Yaw=-384"	
UVSP	00:04								

Event # = 7544											
85/01/21,00:12	DOY=21	SMM Pointing:		S09W24	Pitch=+73", Yaw=-388", Roll=0deg		H. Ang=24deg				
Optical	Start	Ha...Class=SN		S10W25	Carr. Lon.=73deg		H. Ang=25deg				
GOES	00:08	Importance=C2		Qual=01							
HXRBS	00:10:58	Peak...c/s=163		Qual=01							
BCS	00:11	CaPeak.c/s=64		Qual=1	#Peaks=1		XEN=502134				
UVSP	00:04	Wavelength=1529A		Code=00	Step=0"		Pitch=+69", Yaw=-384"				
Event # = 20592											
85/01/21,02:02	DOY=21	SMM Pointing:		S09W25	Pitch=+73", Yaw=-401", Roll=0deg		H. Ang=25deg				
Optical	Start	Importance=B6		Qual=01							
GOES	01:59	Wavelength=1548A		Code=00	Step=1"		Pitch=+74", Yaw=-387"				
UVSP	01:41			Exp #=25727							
Event # = 8404											
85/01/21,02:18	DOY=21	SMM Pointing:		S09W25	Pitch=+73", Yaw=-401", Roll=0deg		H. Ang=25deg				
Optical	Start	Ha...Class=SN		S09W29	Carr. Lon.=75deg		H. Ang=29deg				
GOES	02:13	Importance=C2		Qual=01							
HXRBS	02:17:39	Peak...c/s=84		Qual=01	Flags=1		XEN=502132				
BCS	02:10	CaPeak.c/s=80		Qual=1	#Peaks=1		Cad=16.4s				
FCS	02:11	Peak3...c/s=32		Code=01	Step=0"		Cad=16.38s/pixel				
UVSP	01:41	Wavelength=1548A		Code=01	Step=1"		Pitch=+74", Yaw=-387"				
Event # = 8405											
85/01/21,03:53	DOY=21	SMM Pointing:		S09W25	Pitch=+74", Yaw=-414", Roll=0deg		H. Ang=26deg				
Optical	Start	Ha...Class=1B		S10W30	Carr. Lon.=76deg		H. Ang=30deg				
GOES	03:40	Importance=M2		Qual=01							
HXRBS	03:44:23	Peak...c/s=424		Qual=01	Flags=1		XEN=502145				
BCS	03:17	CaPeak.c/s=1489		Qual=3	#Peaks=1		dt= 3.8s				
FCS	03:55	Peak3...c/s=24		Code=01	Step=0"		Cad= 768s				
UVSP	03:16	Wavelength=1548A		Code=01	Step=1"		Pitch=+74", Yaw=-401"				
Radio Sweeps	Type/Intensity:	I/1									
Radio Frequency(MHz)/Flux(sfu):	1415/26	2695/11		4995/16		8800/30		15400/28			
Event # = 8406											
85/01/21,05:08	DOY=21	SMM Pointing:		S09W26	Pitch=+74", Yaw=-427", Roll=0deg		H. Ang=26deg				
Optical	Start	Ha...Class=1B		S11W29	Carr. Lon.=74deg		H. Ang=29deg				
GOES	05:03	Importance=M1		Qual=01							
HXRBS	05:03:57	Peak...c/s=792		Qual=01	Flags=1		XEN=502140				
BCS	04:37	CaPeak.c/s=717		Qual=1	#Peaks=2		dt= 7.7s				
FCS	04:54	Peak3...c/s=416		Code=00	Step=10"		Cad=1806s				
UVSP	04:50	Wavelength=1549A		Code=00	Step=3"		Pitch=+75", Yaw=-414"				
Radio Frequency(MHz)/Flux(sfu):	2695/52	4995/78		8800/100		15400/73					
Event # = 8408											
85/01/21,06:40	DOY=21	SMM Pointing:		S09W27	Pitch=+75", Yaw=-441", Roll=0deg		H. Ang=27deg				
Optical	Start	Importance=C1		Qual=01							
GOES	06:38	Peak...c/s=65		Qual=01	Flags=1		XEN=502140				
HXRBS	06:37:46	Wavelength=1549A		Code=00	Step=1"		Pitch=+75", Yaw=-429"				
UVSP	06:35			Code=00	Step=1"		Pitch=+75", Yaw=-429"				

Event # = 7545
 85/01/21,07:07 Start DOY=21 Peak Pitch=+75",Yaw=-441",Roll=0deg H.Ang=27deg

Optical S09W27 SMM Pointing: H.Ang=27deg
 Ha...Class=SN
 GOES 07:03 07:07 07:19 AR4617 Mac.=EKI Carr.Lon.=72deg H.Ang=28deg
 Importance=C2
 HXRBS 07:05:49 07:06:45 07:07:46 FePeak.c/s=21 #Peaks=1 dt= 3.8s XEN=502130
 BCS 07:06 07:08 07:09 FePeak.c/s=68
 FCS 07:07 07:07 07:07 Peak3..c/s=58
 UVSP 06:35 06:35 06:35 WaveLength=1549A Code=00 Exp #=25734 Step=1" Pitch=+75",Yaw=-429"

Event # = 7546
 85/01/21,08:13 Start DOY=21 Peak Pitch=+76",Yaw=-454",Roll=0deg H.Ang=28deg

GOES 08:13:22 08:13:28 08:13:38 Peak...c/s=69 MaxkeV=49
 HXRBS 08:19 08:19 08:19 WaveLength=1549A Rast=84"x84" Step=1" Pitch=+76",Yaw=-443"
 UVSP 08:19 08:19 08:19 Exp #=25736

Event # = 20206
 85/01/21,10:11 Start DOY=21 Peak Pitch=+76",Yaw=-467",Roll=0deg H.Ang=29deg

Optical S09W29 SMM Pointing: H.Ang=29deg
 Ha...Class=SN
 GOES 09:47 10:11 10:43 AR4617 Mac.=EKI Carr.Lon.=74deg H.Ang=32deg
 Importance=C5
 BCS 09:54 10:10 10:18 FePeak.c/s=249 #Peaks=1 dt= 3.8s XEN=502131
 FCS 10:16 10:16 10:16 Peak3..c/s=82
 UVSP 09:28 09:28 09:28 WaveLength=1549A Code=01 Exp #=25737 Step=1" Pitch=+66",Yaw=-455"

Event # = 20219
 85/01/21,10:47 Start DOY=21 Peak Pitch=+76",Yaw=-467",Roll=0deg H.Ang=29deg

Optical S09W29 SMM Pointing: H.Ang=29deg
 Ha...Class=SB
 GOES 10:44 10:47 11:00 AR4617 Mac.=EKI Carr.Lon.=72deg H.Ang=30deg
 Importance=C9
 BCS 10:55 10:55 11:03 FePeak.c/s=13 #Peaks=1 XEN=502106
 FCS 10:57 10:57 10:57 Peak3..c/s=72
 UVSP 11:31 11:31 11:31 WaveLength=1549A Exp #=25738 Step=1" Pitch=-484",Yaw=-63"

Event # = 20767
 85/01/21,11:06 Start DOY=21 Peak Pitch=-478",Yaw=-78",Roll=90deg H.Ang=30deg

GOES 11:04 11:06 11:18 S09W30 SMM Pointing: H.Ang=30deg
 Importance=C1
 BCS 11:06 11:07 11:34 Qual=03 Qual=6 FePeak=11:07 dt= 7.7s XEN=502109
 FCS 11:06 11:07 11:34 CaPeak.c/s=24 FePeak.c/s=7 #Peaks=1
 UVSP 11:31 11:31 11:34 Peak3..c/s=84 WaveLength=1549A Exp #=25738 Step=1" Pitch=-484",Yaw=-63"

Event # = 20780
 85/01/21,13:15 Start DOY=21 Peak Pitch=+77",Yaw=-492",Roll=0deg H.Ang=31deg

GOES 13:12 13:15 13:19 S09W31 SMM Pointing: H.Ang=31deg
 Importance=B9
 BCS 13:14 13:14 13:17 Qual=01 Qual=5 FePeak=13:14 #Peaks=1 XEN=502111
 FCS 13:14 13:14 13:14 CaPeak.c/s=37
 Peak3..c/s=31

Event # = 20819
 85/01/21,13:22 Start DOY=21 Peak Pitch=+77",Yaw=-492",Roll=0deg H.Ang=31deg

GOES 13:19 13:22 13:30 S09W31 SMM Pointing: H.Ang=31deg
 Importance=C1
 BCS 13:20 13:22 13:27 Qual=03 Qual=1 FePeak=13:21 dt= 7.7s XEN=502113
 FCS 13:20 13:22 13:27 CaPeak.c/s=28
 Peak3..c/s=28

Event # = 7547
 85/01/21,14:22 DOY=21 Pitch=+78", Yaw=-504", Roll=0deg H-Ang=31deg
 Start Peak AR4617 Carr. Lon.=74deg H-Ang=34deg
 Optical SMM Pointing: S09W32
 GOES 14:09 14:22 14:36 Ha...Class=SB S08W34
 HXRBS 14:11:06 14:17:19 14:20:14 Importance=M2 Qual=03
 BCS 14:04 14:19 15:01 Peak...c/s=1784 Qual=03 Tot Cts=2.12E+5 Flags=M,ES
 FCS 14:56 14:56 15:01 CaPeak.c/s=1522 Qual=1 FePeak.c/s=516 #Peaks=1 dt= 7.7s XEN=502123
 Radio Frequency(MHz)/Flux(sfu): 1415/6 2695/8 4995/5 8800/20

Event # = 7548
 85/01/21,15:18 DOY=21 Pitch=+78", Yaw=-504", Roll=0deg H-Ang=31deg
 Start Peak AR4617 Carr. Lon.=74deg H-Ang=34deg
 Optical SMM Pointing: S09W32
 GOES 15:14 15:18 15:49 Importance=M1 Qual=05
 HXRBS 15:48:04 15:48:24 15:49:14 Peak...c/s=111 Qual=01 Tot Cts=1125
 BCS 15:38 15:38 15:55 CaPeak.c/s=70 Qual=5 FePeak.c/s=1 XEN=502114
 FCS 15:42 15:42 15:55 Peak3...c/s=48
 UVSP 15:46 15:46 15:55 Wavelength=1544A Exp #=25740
 Radio Frequency(MHz)/Flux(sfu): 2695/19 4995/65 8800/160 15400/150

Event # = 20818
 85/01/21,16:32 DOY=21 Pitch=+80", Yaw=-515", Roll=0deg H-Ang=32deg
 Start Peak AR4617 Carr. Lon.=74deg H-Ang=34deg
 Optical SMM Pointing: S09W32
 GOES 16:30 16:32 16:40 Importance=C1 Qual=03
 UVSP 16:30 16:32 16:40 Wavelength=1549A Exp #=25743

Event # = 7549
 85/01/21,17:19 DOY=21 Pitch=+80", Yaw=-529", Roll=0deg H-Ang=33deg
 Start Peak AR4617 Carr. Lon.=74deg H-Ang=34deg
 Optical SMM Pointing: S09W33
 GOES 17:11 17:19 17:32 Importance=C1 Qual=01
 HXRBS 17:12:32 17:17:30 17:27:33 Peak...c/s=200 Qual=02 Tot Cts=55595
 UVSP 17:19 17:19 17:33 Wavelength=1549A Code=02 Exp #=25744

Event # = 7550
 85/01/21,17:36 DOY=21 Pitch=+80", Yaw=-529", Roll=0deg H-Ang=33deg
 Start Peak AR4617 Carr. Lon.=74deg H-Ang=34deg
 Optical SMM Pointing: S09W33
 GOES 17:34 17:36 17:38 Ha...Class=SN S08W34
 HXRBS 17:36:26 17:37:11 17:37:20 Importance=C1 Qual=05
 UVSP 17:24 17:24 17:38 Peak...c/s=93 Qual=03 Tot Cts=1048
 Wavelength=1549A Code=00 Exp #=25745

Event # = 20815
 85/01/21,19:00 DOY=21 Pitch=+81", Yaw=-541", Roll=0deg H-Ang=34deg
 Start Peak AR4617 Carr. Lon.=74deg H-Ang=34deg
 Optical SMM Pointing: S09W34
 GOES 18:47 19:00 19:05 Importance=C4 Qual=01
 BCS 18:47 19:00 19:18 CaPeak.c/s=101 Qual=1 FePeak.c/s=11 dt= 3.8s XEN=502144
 FCS 18:58 19:00 19:18 Peak3...c/s=134 Qual=1 Step=0" Cad=3840s 3840s/pixel
 UVSP 18:58 19:00 19:18 Wavelength=1549A Code=00 Exp #=25747 Step=1" Pitch=+96", Yaw=-587"

Event # = 20346		SMM Pointing:		S09W35		Pitch=+79", Yaw=-554", Roll=0deg		H.Ang=35deg	
85/01/21, 20:48	DOY=21	Start	End times	Peak					
Optical									
GOES	20:37	20:48	21:10	20:48	S08W34	AR4617	Carr. Lon.=70deg	H.Ang=34deg	
BGS	20:47	20:47	20:48	20:48	Qual=01		#Peaks=1	XEN=502146	
FCS					CaPeak.c/s=18		Step=0"	3840s/pixel	
UVSP	20:32	20:48		20:48	Peak3..c/s=29		Rast=3" x3"	Pitch=+79", Yaw=-574"	
					Wavelength=1549A	Exp #=25749			
Event # = 7551		SMM Pointing:		S09W35		Pitch=+79", Yaw=-554", Roll=0deg		H.Ang=35deg	
85/01/21, 21:31	DOY=21	Start	End times	Peak					
Optical									
GOES	21:27	21:31	22:07	21:31	S08W38	AR4617	Carr. Lon.=74deg	H.Ang=38deg	
HXRBS	21:55:51	21:56:30	21:56:52	21:56:30	Qual=05		MaxkeV=49		
BGS	21:56	21:57	22:03	21:57	Peak...c/s=78		#Peaks=1	XEN=502119	
FCS					CaPeak.c/s=54		Step=1"		
UVSP	22:02	21:59		21:59	Peak3..c/s=54		Rast=60" x60"	Pitch=+80", Yaw=-585"	
Radio	Frequency(MHz)/Flux(sfu):	2695/12	4995/32	8800/74	15400/42				
Event # = 7553		SMM Pointing:		S09W36		Pitch=+82", Yaw=-565", Roll=0deg		H.Ang=36deg	
85/01/21, 22:22	DOY=21	Start	End times	Peak					
GOES	22:09	22:22	22:37	22:22	Importance=C3		Flags=0G		
HXRBS	22:08:28	22:09:22	22:23:25	22:23:25	Peak...c/s=127		#Peaks=2	XEN=502121	
BGS	22:09	22:22	22:38	22:22	CaPeak.c/s=133		dt= 7.7s		
FCS					Peak3..c/s=118		Step=1"		
UVSP	22:07	22:23		22:23	Wavelength=1549A	Exp #=25751	Pitch=+109", Yaw=-612"		
Radio	Frequency(MHz)/Flux(sfu):	245/43	410/21	606/18	2695/16	4995/56			
Event # = 7554		SMM Pointing:		S09W37		Pitch=+82", Yaw=-577", Roll=0deg		H.Ang=37deg	
85/01/22, 00:04	DOY=22	Start	End times	Peak					
Optical									
GOES	23:50	00:04	01:11	00:04	S08W38	AR4617	Carr. Lon.=72deg	H.Ang=38deg	
HXRBS	23:52:28	00:01:32	01:36:10	00:01:32	Qual=03		Flags=M, IN, IS, DG		
BGS	23:30	00:10	00:18	00:10	Peak...c/s=133000		#Peaks=1	XEN=502122	
FCS					CaPeak.c/s=8246		Step=0"	768.0s/pixel	
UVSP	23:42	00:18		00:18	Peak3..c/s=591		Rast=255" x255"	Pitch=+74", Yaw=-540"	
Radio	Frequency(MHz)/Flux(sfu):	245/2.5E5	410/99000	606/1.3E5	1415/720	2695/1100	4995/1200	8800/2500	15400/4000
Event # = 7555		SMM Pointing:		S09W38		Pitch=+84", Yaw=-593", Roll=0deg		H.Ang=38deg	
85/01/22, 01:53	DOY=22	Start	End times	Peak					
GOES	01:46:17	01:47:36	01:53:31	01:47:36	Qual=00		Flags=DG		
HXRBS	01:04	01:53	02:02	01:53	Peak...c/s=134		#Peaks=3	XEN=502200	
BGS	01:09	01:09		01:09	CaPeak.c/s=307		dt= 7.7s		
FCS					Peak3..c/s=654		Step=10"	Cad= 332s	XEN=502200
UVSP	01:16	01:16		01:16	Wavelength=1549A	Exp #=25755	Pitch=+75", Yaw=-551"		
Radio	Frequency(MHz)/Flux(sfu):	1415/185	2695/165	4995/146					

Event # = 21066
 85/01/22,02:41 DOY=22 Peak SMM Pointing: S09W38 H-Ang=38deg
 Start
 End times
 GOES 02:39 02:41 03:28 CaPeak.c/s=51 Qual=00
 BCS 02:43 02:43 03:28 Peak3..c/s=498 Qual=5
 FCS 02:48 02:43 03:28 Wavelength=1544A FePeak=03:14 dt= 3.8s XEN=502203
 UVSP 02:48 02:43 03:28 Exp #=25756 Rast=1"x1" Step=0" Pitch=+76",Yaw=-563"
 SMM Pointing: S09W43 H-Ang=43deg
 85/01/22,11:06 DOY=22 Peak SMM Pointing: S09W43 H-Ang=43deg
 Start
 End times
 Optical
 GOES 10:58 11:06 12:00 Ha...Class=1B AR4617 Carr. Lon.=73deg H-Ang=45deg
 BCS 11:07 11:07 11:18 Importance=C3 Qual=01 FePeak=11:07 #Peaks=1 XEN=502201
 FCS 11:15 11:07 11:18 CaPeak.c/s=99 Qual=5 FePeak=11:07 #Peaks=1
 UVSP 11:04 11:15 11:18 Peak3..c/s=40 Code=00 Exp #=25770 Rast=255"x249" Step=3" Pitch=+80",Yaw=-621"
 Radio Frequency(MHz)/Flux(sfu): 2695/4 4995/8 8800/10

85/01/23 DOY=23
 Event # = 8409
 85/01/23,01:05 DOY=23 Peak SMM Pointing: S11W54 H-Ang=53deg
 Start
 End times
 GOES 01:03 01:05 01:22 Importance=84 Qual=01
 HXRBS 01:03:36 01:03:47 01:04:03 Peak...c/s=94 Qual=01 Tot Cts=358
 UVSP 01:05 01:05 01:22 Wavelength=1373A Code=02 Exp #=25802
 SMM Pointing: S11W56 H-Ang=56deg
 85/01/23,04:14 DOY=23 Peak SMM Pointing: S11W56 H-Ang=56deg
 Start
 End times
 Optical
 GOES 04:04 04:14 04:53 Ha...Class=SN AR4617 Carr. Lon.=75deg H-Ang=56deg
 BCS 04:11 04:13 04:18 Importance=C1 Qual=01 FePeak=04:13 dt= 7.7s XEN=502300
 FCS 04:14 04:14 04:18 CaPeak.c/s=55 Qual=1 FePeak=04:13 dt= 7.7s XEN=502300
 UVSP 04:13 04:14 04:18 Peak3..c/s=72 Code=00 Exp #=25859 Rast=0"x0" Cad=1.02s 1.024s/pixel
 SMM Pointing: S11W57 H-Ang=57deg
 85/01/23,07:34 DOY=23 Peak SMM Pointing: S11W57 H-Ang=57deg
 Start
 End times
 Optical
 GOES 07:21 07:34 08:46 Ha...Class=1B AR4617 Carr. Lon.=76deg H-Ang=59deg
 HXRBS 07:23:52 07:27:12 07:53:09 Importance=M1 Qual=03 Tot Cts=93995
 BCS 07:25 07:29 07:55 CaPeak.c/s=1315 Qual=1 FePeak=07:29 dt= 3.8s XEN=502303
 FCS 07:44 07:44 07:55 Peak3..c/s=1107 Code=00 Exp #=25897 Rast=0"x0" Cad=8.45s 8.448s/pixel
 UVSP 07:21 07:44 07:55 Wavelength=1373A Code=00 Exp #=25897 Rast=30"x30" Pitch=+90",Yaw=-789"
 Radio Frequency(MHz)/Flux(sfu): 245/39 2695/23 4995/96 8800/83 15400/24

85/01/23,21:16 DOY=23 Peak SMM Pointing: S11W66 H-Ang=65deg
 Start
 End times
 GOES 21:10 21:16 21:29 Importance=C1 Qual=01 FePeak=21:15 dt= 7.7s XEN=502304
 BCS 21:14 21:16 21:20 CaPeak.c/s=43 Qual=1 FePeak=21:15 dt= 7.7s XEN=502304
 FCS 21:15 21:15 21:20 Peak3..c/s=250 Code=02 Exp #=25928 Rast=265"x265" Step=5" Pitch=+139",Yaw=-832"
 UVSP 21:16 21:15 21:20 Wavelength=1373A Code=02 Exp #=25928 Rast=265"x265" Step=5" Pitch=+139",Yaw=-832"
 Radio Frequency(MHz)/Flux(sfu): 245/110 410/240

Event # = 21070	85/01/24	DOY=24			DOY=24		
85/01/24, 05:54	Start	Peak	SMM Pointing:		S11W70	Pitch=+155", Yaw=-899", Roll=0deg H. Ang=69deg	
Optical					Mac. =EAO Carr. Lon. =75deg H. Ang=69deg		
GOES 05:44	05:54	05:54	Ha...Class=SF		AR4617		
BCS 05:48	05:54	05:56	Importance=C2		FePeak.c/s=13 #Peaks=3 dt= 3.8s XEN=502400		
FCS	05:52		CaPeak.c/s=86		Rast=0"x0" Cad= 768s 768.0s/pixel		
UVSP	05:24		Peak3...c/s=14		Rast=30"x30" Pitch=+147", Yaw=-893"		
			Wavelength=1373A		Exp # =25991		
Event # = 21071	85/01/25	DOY=25			DOY=25		
85/01/25, 23:46	Start	Peak	SMM Pointing:		AR4617		
GOES 23:42	23:46	00:00	Importance=B5		FePeak=23:45 XEN=502500		
BCS 23:45	23:46	23:58	CaPeak.c/s=25		Rast=30"x30" Pitch=+167", Yaw=-959"		
UVSP 23:32			Wavelength=1373A		Code=00 Exp # =26120		
Event # = 7622	85/02/07	DOY=38			DOY=38		
85/02/07, 21:30	Start	Peak	SMM Pointing:		S10E88	Pitch=+168", Yaw=+958", Roll=0deg H. Ang=86deg	
GOES 21:29:00	21:30:38	21:32:07	Qual=00		MaxkeV=112		
HXRBS 21:26			Peak...c/s=126		Rast=69"x69" Step=3" Pitch=+189", Yaw=+955"		
UVSP			Wavelength=1640A		Tot Cts=3820 Exp # =26770		
Event # = 7623	85/02/07	DOY=38			DOY=38		
85/02/07, 22:08	Start	Peak	SMM Pointing:		S10E88	Pitch=+168", Yaw=+958", Roll=0deg H. Ang=86deg	
GOES 22:07:11	22:08:04	22:08:39	Qual=00		MaxkeV=112		
HXRBS 21:26			Peak...c/s=67		Rast=69"x69" Step=3" Pitch=+189", Yaw=+955"		
UVSP			Wavelength=1640A		Exp # =26770		
Event # = 8420	85/02/09	DOY=40			DOY=40		
85/02/09, 16:33	Start	Peak	SMM Pointing:		S12E79	Pitch=+182", Yaw=+936", Roll=0deg H. Ang=78deg	
GOES 16:28	16:33	16:36	Importance=A6		Qual=01		
HXRBS 16:32:17	16:32:32	16:34:12	Peak...c/s=83		Flags=I		
UVSP 16:33			Wavelength=1349A		Rast=10"x10" Step=0" Pitch=+141", Yaw=+905"		
Event # = 7644	85/02/18	DOY=49			DOY=49		
85/02/18, 16:00	Start	Peak	SMM Pointing:		S07E01	Pitch=+0", Yaw=+24", Roll=0deg H. Ang=1deg	
GOES 15:49	16:00	16:14	Importance=C1		Qual=01		
HXRBS 15:52:30	15:53:18	15:55:18	Peak...c/s=74		MaxkeV=49		
UVSP			Code=00		Tot Cts=2060		
Event # = 7645	85/02/18	DOY=49			DOY=49		
85/02/18, 23:31	Start	Peak	SMM Pointing:		S07E87	Pitch=+116", Yaw=+963", Roll=0deg H. Ang=86deg	
GOES 23:15	23:31	00:30	Importance=C5		Qual=01		
HXRBS 23:20:50	23:22:39	23:30:16	Peak...c/s=122		Qual=01		
BCS 23:20	23:27	23:49	CaPeak.c/s=264		Qual= 1		
FCS	23:37		Peak3...c/s=1357		Tot Cts=11181		
UVSP 23:29			Wavelength=1548A		FePeak=23:27		
					Code=00 Exp # =27702		
					MaxkeV=70 #Peaks=1 dt= 3.8s XEN=504900		
					Rast=180"x300" Step=10" Cad= 553s 1.024s/pixel		
					Rast=240"x240" Step=3" Pitch=+108", Yaw=+987"		

85/02/19 DOY=50

Event # = 21074	DOY=50	SMM Pointing:	N12E85	Pitch=-216", Yaw=+946", Roll=0deg	H. Ang=86deg
85/02/19, 01:10	Peak	Importance=C1	Qual=01		
GOES 01:01	01:10	CaPeak.c/s=33	Qual=1	FePeak.c/s=9	#Peaks=1 dt= 7.7s XEN=505010
BCS 01:05	01:09	Peak3..c/s=16		Rast=30"x30"	Step=0" Pitch=-198", Yaw=+933"
FCS	01:11	Wavelength=1370A	Code=01	Exp #=27708	
UVSP 00:56					
Event # = 21073	DOY=50	SMM Pointing:	N12E85	Pitch=-216", Yaw=+946", Roll=0deg	H. Ang=86deg
85/02/19, 01:22	Peak	Importance=B9	Qual=01		
GOES 01:20	01:22	CaPeak.c/s=23	Qual=1	FePeak.c/s=7	#Peaks=1 XEN=505012
BCS 01:21	01:21	Peak3..c/s=12		Rast=30"x30"	Step=0" Pitch=-198", Yaw=+933"
FCS	01:22	Wavelength=1370A		Exp #=27708	
UVSP 00:56					
Event # = 21075	DOY=50	SMM Pointing:	N12E85	Pitch=-216", Yaw=+946", Roll=0deg	H. Ang=86deg
85/02/19, 01:40	Peak	Importance=C3	Qual=01		
GOES 01:27	01:40	CaPeak.c/s=86	Qual=1	FePeak.c/s=16	#Peaks=1 dt= 3.8s XEN=505013
BCS 01:29	01:39	Peak3..c/s=13		Rast=30"x30"	Step=0" Pitch=-198", Yaw=+933"
FCS	01:38	Wavelength=1370A		Exp #=27708	
UVSP 00:56					
Event # = 21076	DOY=50	SMM Pointing:	N12E85	Pitch=-216", Yaw=+946", Roll=0deg	H. Ang=86deg
85/02/19, 02:21	Peak	Importance=C3	Qual=05		
GOES 02:18	02:21	CaPeak.c/s=65	Qual=4	FePeak.c/s=17	#Peaks=1 dt= 3.8s XEN=505000
BCS 02:22	02:24	Peak3..c/s=13		Rast=280"x280"	Step=10" Pitch=-223", Yaw=+968"
FCS	02:31	Wavelength=1370A	Code=02	Exp #=27709	
UVSP 02:24					
Event # = 21078	DOY=50	SMM Pointing:	S01E90	Pitch=+16", Yaw=+972", Roll=0deg	H. Ang=89deg
85/02/19, 18:29	Peak	Importance=C2	Qual=01		
GOES 18:08	18:29	CaPeak.c/s=204	Qual=1	FePeak.c/s=50	#Peaks=1 dt= 7.7s XEN=505005
BCS 18:24	18:29	Peak3..c/s=818		Rast=280"x280"	Step=0" Cad=1.02s 1.024s/pixel
FCS	18:29	Wavelength=1371A	Code=00	Rast=280"x280"	Step=10" Pitch=+5", Yaw=+991"
UVSP 18:28	18:28	Associated Event # = 21077			
BCS 18:15	18:15	CaPeak.c/s=20	Qual=1	FePeak.c/s=7	#Peaks=1 XEN=505002
FCS	18:15	Peak3..c/s=24		Rast=180"x180"	Step=10" Cad= 332s 1.024s/pixel
UVSP 18:09	18:09	Wavelength=1371A		Rast=30"x30"	Step=0" Pitch=-60", Yaw=+956"
Event # = 21079	DOY=50	SMM Pointing:	S01E86	Pitch=+970", Yaw=-12", Roll=90deg	H. Ang=86deg
85/02/19, 20:17	Peak	Importance=B5	Qual=01		
GOES 20:10	20:17	CaPeak.c/s=24	Qual=1	FePeak.c/s=14	#Peaks=1 dt= 7.7s XEN=505008
BCS 20:15	20:17	Peak3..c/s=185		Rast=30"x30"	Step=0" Pitch=+957", Yaw=+66"
FCS	20:18	Wavelength=1371A	Code=00	Exp #=27797	
UVSP 20:05	20:05				

Event # = 21080							
85/02/19,23:19	DOY=50	SMM Pointing:	N03E81	Pitch=-67", Yaw=+960", Roll=0deg	H. Ang=82deg		
Goes	Start	Importance=89	Qual=01				
23:13	Peak	CaPeak.c/s=43	Qual=1	FePeak=23:19	#Peaks=1	dt= 7.7s	XEN=505009
23:17	23:24	Peak3..c/s=201					
FCS		WaveLength=1371A	Code=00	Exp #=27809	Step=0"	Pitch=-61"	Yaw=+954"
UVSP	23:21						
Event # = 21081							
85/02/20,02:52	DOY=51	SMM Pointing:	N03E81	Pitch=-67", Yaw=+960", Roll=0deg	H. Ang=82deg		
Optical	Start	Ha...Class=SF	AR4629				
Goes	02:35	Importance=88	Qual=03				
BCS	02:43	CaPeak.c/s=30	Qual=1	FePeak=02:43	#Peaks=1		XEN=505100
FCS	02:45	Peak3..c/s=12					
UVSP	02:49	WaveLength=1371A	Code=00	Exp #=27826	Step=0"	Pitch=-75"	Yaw=+938"
Event # = 21082							
85/02/20,15:00	DOY=51	SMM Pointing:	N03E73	Pitch=-85", Yaw=+928", Roll=0deg	H. Ang=73deg		
Optical	Start	Ha...Class=SN	AR4629				
Goes	14:51	Importance=84	Qual=01				
BCS	14:56	CaPeak.c/s=21	Qual=1	FePeak=14:56	#Peaks=1		XEN=505101
FCS	14:57	Peak3..c/s=26					
UVSP	14:57	WaveLength=1371A	Code=00	Exp #=27882	Step=0"	Pitch=-59"	Yaw=+909"
Event # = 7647							
85/02/20,21:32	DOY=51	SMM Pointing:	N03E69	Pitch=-92", Yaw=+908", Roll=0deg	H. Ang=70deg		
Goes	Start	Importance=C1	Qual=03				
21:27	Peak	Peak...c/s=486	Qual=01				
HXRBS	21:30:31	CaPeak.c/s=50	Qual=1	Tot Cts=9915	#Peaks=1		XEN=505104
BCS	21:31	Peak3..c/s=21		FePeak=21:31			
FCS	21:34	WaveLength=1371A	Code=00	Exp #=27906	Step=0"	Pitch=-66"	Yaw=+879"
UVSP	21:16						
Event # = 21083							
85/02/22,12:55	DOY=53	SMM Pointing:	N01E44	Pitch=-103", Yaw=+669", Roll=0deg	H. Ang=44deg		
Goes	Start	Importance=88	Qual=01				
12:40	Peak	CaPeak.c/s=23	Qual=1	FePeak=12:54	#Peaks=1	dt= 7.7s	XEN=505300
BCS	12:51	Peak3..c/s=12				Step=0"	Cad=16.4s
FCS	12:54	WaveLength=1371A	Code=00	Exp #=28041	Step=10"	Pitch=-111"	Yaw=+686"
UVSP	12:54	Type/Intensity: V/1					
Radio Sweeps							
Event # = 12735							
85/02/27,01:03	DOY=58	SMM Pointing:	S02W73	Pitch=+0", Yaw=-925", Roll=0deg	H. Ang=72deg		
HXRBS	Start	Peak...c/s=46	Qual=01				
01:03:50	Peak	WaveLength=1296A		Exp #=28229	Step=0"	Pitch=+2"	Yaw=-925"
UVSP	00:48						

85/03/06 DOY=65		85/03/15 DOY=74		85/03/18 DOY=77		85/03/21 DOY=80		85/03/21 DOY=80		85/03/21 DOY=80		85/03/21 DOY=80		85/03/21 DOY=80		85/03/21 DOY=80		85/03/21 DOY=80		85/03/21 DOY=80	
Event # = 12736	DOY=65	Event # = 12737	DOY=74	Event # = 12738	DOY=77	Event # = 7677	DOY=80	Event # = 7682	DOY=80	Event # = 7683	DOY=80	Event # = 7683	DOY=80	Event # = 7683	DOY=80	Event # = 7683	DOY=80	Event # = 7683	DOY=80	Event # = 7683	DOY=80
85/03/06, 12:07	Peak	85/03/15, 21:06	Peak	85/03/18, 09:56	Peak	85/03/21, 01:26	Peak	85/03/21, 21:55	Peak	85/03/21, 22:31	Peak	85/03/21, 22:31	Peak	85/03/21, 22:31	Peak	85/03/21, 22:31	Peak	85/03/21, 22:31	Peak	85/03/21, 22:31	Peak
HRBS 12:07:24	12:07:33	HRBS 21:06:44	21:06:47	HRBS 09:56:18	09:56:20	HRBS 01:26:29	01:26:59	HRBS 21:53:08	21:55:54	HRBS 22:24:27	22:25:07	HRBS 22:24:27	22:25:07	HRBS 22:24:27	22:25:07	HRBS 22:24:27	22:25:07	HRBS 22:24:27	22:25:07	HRBS 22:24:27	22:25:07
UVSP 12:08	12:07:44	UVSP 21:04	21:06:52	UVSP 09:24	09:56:26	UVSP 01:22	01:27:49	UVSP 21:49	21:56:20	UVSP 22:25	22:29	UVSP 22:25	22:35	UVSP 22:30	22:35	UVSP 22:30	22:35	UVSP 22:30	22:35	UVSP 22:30	22:35
Peak...c/s=82	Qual=01	Peak...c/s=83	Qual=01	Peak...c/s=82	Qual=01	Peak...c/s=117	Qual=01	Peak...c/s=71	Qual=01	Peak...c/s=523	Qual=01	Peak...c/s=91	Qual=1	Peak...c/s=439	Code=00	Peak...c/s=523	Qual=01	Peak...c/s=91	Qual=1	Peak...c/s=439	Code=00
Wavelength=1398A		Wavelength=1548A		Wavelength=1548A		Wavelength=1371A		Wavelength=1371A		Wavelength=1371A		Wavelength=1371A		Wavelength=1371A		Wavelength=1371A		Wavelength=1371A		Wavelength=1371A	
SMM Pointing:	N44W40	SMM Pointing:	N44W40	SMM Pointing:	S12W54	SMM Pointing:	S11E13	SMM Pointing:	N01E86	SMM Pointing:	N03E88	SMM Pointing:	N01E86	SMM Pointing:	N01E86	SMM Pointing:	N03E88	SMM Pointing:	N01E86	SMM Pointing:	N01E86
Flags=NS, GB	Roll=0deg	Flags=NS, GB	Roll=0deg	Flags=NS, GB	Roll=0deg	Flags=NS, GB	Roll=0deg	Flags=NS, GB	Roll=0deg	Flags=NS, GB	Roll=0deg	Flags=NS, GB	Roll=0deg	Flags=NS, GB	Roll=0deg	Flags=NS, GB	Roll=0deg	Flags=NS, GB	Roll=0deg	Flags=NS, GB	Roll=0deg
MaxkeV=306		MaxkeV=306		MaxkeV=417		MaxkeV=49		MaxkeV=91		MaxkeV=112		MaxkeV=112		MaxkeV=112		MaxkeV=112		MaxkeV=112		MaxkeV=112	
Rast=286"x243"	Step=12"	Rast=240"x120"	Step=3"	Rast=187"x67"	Step=3"	Rast=30"x30"	Step=0"	Rast=30"x30"	Step=0"	Rast=30"x30"	Step=0"	Rast=30"x30"	Step=0"	Rast=30"x30"	Step=0"	Rast=30"x30"	Step=0"	Rast=30"x30"	Step=0"	Rast=30"x30"	Step=0"
Tot Cts=315	Exp #=28490	Tot Cts=209	Exp #=28769	Tot Cts=216	Exp #=28851	Tot Cts=1549	Exp #=28951	Tot Cts=1549	Exp #=28951	Tot Cts=20637	FePeak.c/s=17	Tot Cts=20637	FePeak.c/s=17	Tot Cts=29010	Exp #=29010	Tot Cts=20637	FePeak.c/s=17	Tot Cts=20637	FePeak.c/s=17	Tot Cts=29010	Exp #=29010
dt=7.7s	XEN=508000	dt=7.7s	XEN=508000	dt=7.7s	XEN=508000	dt=7.7s	XEN=508000	dt=7.7s	XEN=508000	dt=7.7s	XEN=508000	dt=7.7s	XEN=508000	dt=7.7s	XEN=508000	dt=7.7s	XEN=508000	dt=7.7s	XEN=508000	dt=7.7s	XEN=508000
Cad=16.4s	16.38s/pixel	Cad=16.4s	16.38s/pixel	Cad=16.4s	16.38s/pixel	Cad=16.4s	16.38s/pixel	Cad=16.4s	16.38s/pixel	Cad=16.4s	16.38s/pixel	Cad=16.4s	16.38s/pixel	Cad=16.4s	16.38s/pixel	Cad=16.4s	16.38s/pixel	Cad=16.4s	16.38s/pixel	Cad=16.4s	16.38s/pixel
Pitch=-732"	Yaw=-445"	Pitch=-731"	Yaw=-436"	Pitch=-762"	Yaw=-756"	Pitch=-33"	Yaw=+962"	Pitch=-33"	Yaw=+962"	Pitch=-33"	Yaw=+962"	Pitch=-33"	Yaw=+962"	Pitch=-33"	Yaw=+962"	Pitch=-33"	Yaw=+962"	Pitch=-33"	Yaw=+962"	Pitch=-33"	Yaw=+962"
Roll=0deg		Roll=0deg		Roll=0deg		Roll=0deg		Roll=0deg		Roll=0deg		Roll=0deg		Roll=0deg		Roll=0deg		Roll=0deg		Roll=0deg	
Carr. Lon.=250deg		Carr. Lon.=250deg		Carr. Lon.=250deg		Carr. Lon.=250deg		Carr. Lon.=250deg		Carr. Lon.=250deg		Carr. Lon.=250deg		Carr. Lon.=250deg		Carr. Lon.=250deg		Carr. Lon.=250deg		Carr. Lon.=250deg	
#Peaks=1		#Peaks=1		#Peaks=1		#Peaks=1		#Peaks=1		#Peaks=1		#Peaks=1		#Peaks=1		#Peaks=1		#Peaks=1		#Peaks=1	
dt=7.7s		dt=7.7s		dt=7.7s		dt=7.7s		dt=7.7s		dt=7.7s		dt=7.7s		dt=7.7s		dt=7.7s		dt=7.7s		dt=7.7s	
Cad=16.4s		Cad=16.4s		Cad=16.4s		Cad=16.4s		Cad=16.4s		Cad=16.4s		Cad=16.4s		Cad=16.4s		Cad=16.4s		Cad=16.4s		Cad=16.4s	
Pitch=-86"	Yaw=+954"	Pitch=-86"	Yaw=+954"	Pitch=-86"	Yaw=+954"	Pitch=-86"	Yaw=+954"	Pitch=-86"	Yaw=+954"	Pitch=-86"	Yaw=+954"	Pitch=-86"	Yaw=+954"	Pitch=-86"	Yaw=+954"	Pitch=-86"	Yaw=+954"	Pitch=-86"	Yaw=+954"	Pitch=-86"	Yaw=+954"
Type/Intensity:		Type/Intensity:		Type/Intensity:		Type/Intensity:		Type/Intensity:		Type/Intensity:		Type/Intensity:		Type/Intensity:		Type/Intensity:		Type/Intensity:		Type/Intensity:	
Frequency (MHz)/Flux (sfu):	245/130	Frequency (MHz)/Flux (sfu):	1415/122	Frequency (MHz)/Flux (sfu):	2695/16	Frequency (MHz)/Flux (sfu):	245/130	Frequency (MHz)/Flux (sfu):	1415/122	Frequency (MHz)/Flux (sfu):	2695/16	Frequency (MHz)/Flux (sfu):	245/130	Frequency (MHz)/Flux (sfu):	1415/122	Frequency (MHz)/Flux (sfu):	2695/16	Frequency (MHz)/Flux (sfu):	245/130	Frequency (MHz)/Flux (sfu):	1415/122

85/03/23		DOY=82		85/03/23		DOY=82	
Event # = 7689	85/03/23, 01:23	DOY=82	Peak	SMM Pointing:	AR4637	AR4637	AR4637
Optical	Start	End times	End times	Ha...Class=SF	N01E72	N01E72	N01E72
GOES	01:15	01:23	02:00	Importance=B2	Qual=03	Qual=03	Qual=03
HXRBS	01:17:24	01:19:11	01:22:23	Peak...c/s=73	Qual=01	Qual=01	Qual=01
UVSP	01:13			Wavelength=1371A	Code=00	Code=00	Code=00
Radio Sweeps	Type/Intensity:			I11/2 V/1	Exp #=29100	Exp #=29100	Exp #=29100
Radio Frequency (MHz)/Flux(sfu):	245/280 410/50 606/39 1415/27 2695/6 4995/7 8800/8						
Event # = 21084	85/03/23, 16:15	DOY=82	Peak	SMM Pointing:	AR4637	AR4637	AR4637
Optical	Start	End times	End times	Ha...Class=SN	N05E70	N05E70	N05E70
GOES	16:09	16:15	16:40	Importance=B7	Qual=05	Qual=05	Qual=05
BCS	16:13	16:15	16:17	CaPeak.c/s=37	Qual=5	Qual=5	Qual=5
FCS	16:14	16:14		Peak3...c/s=28	FePeak=16:14	FePeak=16:14	FePeak=16:14
UVSP	16:15			Wavelength=1371A	Code=02	Code=02	Code=02
Radio Frequency (MHz)/Flux(sfu):	245/280 410/50 606/39 1415/27 2695/6 4995/7 8800/8						
Event # = 7690	85/03/25, 23:36	DOY=84	Peak	SMM Pointing:	AR4637	AR4637	AR4637
Optical	Start	End times	End times	Ha...Class=SN	N07E35	N07E35	N07E35
GOES	23:23	23:36	00:00	Importance=B4	Qual=01	Qual=01	Qual=01
HXRBS	23:24:19	23:24:44	23:25:23	Peak...c/s=63	Qual=01	Qual=01	Qual=01
BCS	23:35	23:35	23:35	CaPeak.c/s=18	Qual=1	Qual=1	Qual=1
UVSP	23:20			Wavelength=1371A	Code=00	Code=00	Code=00
Radio Frequency (MHz)/Flux(sfu):	245/280 410/50 606/39 1415/27 2695/6 4995/7 8800/8						
Event # = 7697	85/04/03, 20:20	DOY=93	Peak	SMM Pointing:	AR4637	AR4637	AR4637
Optical	Start	End times	End times	Ha...Class=SN	N06E38	N06E38	N06E38
GOES	20:15	20:20	20:34	Importance=B4	Qual=05	Qual=05	Qual=05
HXRBS	20:32:08	20:32:37	20:32:58	Peak...c/s=65	Qual=01	Qual=01	Qual=01
UVSP	19:39			Wavelength=1548A	Code=00	Code=00	Code=00
Radio Frequency (MHz)/Flux(sfu):	245/63 410/14 606/16						
Event # = 7704	85/04/21, 14:06	DOY=111	Peak	SMM Pointing:	AR4647	AR4647	AR4647
Optical	Start	End times	End times	Ha...Class=SN	N05E55	N05E55	N05E55
GOES	14:01	14:06	14:10	Importance=B3	Qual=01	Qual=01	Qual=01
HXRBS	14:05:57	14:06:03	14:06:10	Peak...c/s=113	Qual=01	Qual=01	Qual=01
UVSP							
Radio Frequency (MHz)/Flux(sfu):	245/63 410/14 606/16						
Event # = 21085	85/04/22, 03:53	DOY=112	Peak	SMM Pointing:	AR4647	AR4647	AR4647
Optical	Start	End times	End times	Ha...Class=SN	N02E54	N02E54	N02E54
GOES	03:48	03:53	04:26	Importance=C2	Qual=05	Qual=05	Qual=05
BCS	04:01	04:01	04:02	CaPeak.c/s=21	Qual=5	Qual=5	Qual=5
UVSP	04:06			Wavelength=1545A	Code=00	Code=00	Code=00
Radio Frequency (MHz)/Flux(sfu):	245/63 410/14 606/16						

Event # = 7708	85/04/22, 19:50	DOY=112	Peak		SMM Pointing:	N05E46						Pitch=-140", Yaw=+687", Roll=0deg	H. Ang=47deg
GOES	19:47	19:50	20:08	20:08	Importance=C9	Qual=01						MaxkeV=70	
HXRBS	19:51:44	19:52:01	19:52:34	19:52:34	Peak...c/s=331	Qual=01	Tot Cts=1880					FePeak.c/s=31	#Peaks=1
BCS	19:51	19:53	19:57	19:57	CaPeak.c/s=150	Qual=1	FePeak=19:52					Rast=240"x240"	XEN=511206
FCS					Peak3...c/s=947							Step=10"	1.024s/pixel
UVSP	19:48				Wavelength=1371A	Code=00	Exp #=30393					Step=0"	Cad= 590s
Radio					Frequency(MHz)/Flux(sfu):	245/35 410/670 606/24 1415/11 2695/10 4995/15 8800/35 15400/15							Pitch=-150", Yaw=+693"
Event # = 7709	85/04/22, 21:33	DOY=112	Peak		SMM Pointing:	N05E45						Pitch=-142", Yaw=+677", Roll=0deg	H. Ang=46deg
Optical													
GOES	21:29	21:33	21:40	21:40	Ha...Class=SN	N04E44						Mac.=DKI	H. Ang=45deg
HXRBS	21:31:53	21:32:15	21:32:34	21:32:34	Importance=C1	Qual=01	AR4647					Carr. Lon.=232deg	
BCS	21:32	21:32	21:35	21:35	Peak...c/s=74	Qual=01						MaxkeV=50	
FCS					CaPeak.c/s=37	Qual=1	FePeak=21:32					FePeak.c/s=11	#Peaks=1
UVSP	21:22	21:33			Peak3...c/s=249	Code=00	Exp #=30399					Rast=0"x0"	XEN=511207
					Wave length=1371A							Step=0"	768.0s/pixel
												Rast=30"x30"	Pitch=-151", Yaw=+702"
Event # = 7710	85/04/22, 21:43	DOY=112	Peak		SMM Pointing:	N05E45						Pitch=-142", Yaw=+677", Roll=0deg	H. Ang=46deg
GOES	21:40	21:43	22:00	22:00	Importance=B7	Qual=01							
HXRBS	21:41:26	21:41:48	21:42:19	21:42:19	Peak...c/s=104	Qual=01	Tot Cts=3496					MaxkeV=50	
BCS	21:42	21:43	21:44	21:44	CaPeak.c/s=22	Qual=1	FePeak=21:43					FePeak.c/s=9	#Peaks=1
FCS					Peak3...c/s=185							Rast=30"x30"	XEN=511208
UVSP	21:41	21:43			Wave length=1371A	Code=00	Exp #=30401					Step=0"	Pitch=-141", Yaw=+670"
Event # = 7711	85/04/23, 02:52	DOY=113	Peak		SMM Pointing:	N05E42						Pitch=-142", Yaw=+632", Roll=0deg	H. Ang=43deg
Optical													
GOES	02:51	02:52	03:09	03:09	Ha...Class=SF	N06E41						Mac.=EKI	H. Ang=42deg
HXRBS	02:50:55	02:51:16	02:52:18	02:52:18	Importance=C1	Qual=03	AR4647					Carr. Lon.=233deg	
BCS	02:51	02:52	02:54	02:54	Peak...c/s=117	Qual=01	Tot Cts=1474					MaxkeV=50	
FCS					CaPeak.c/s=46	Qual=1	FePeak=02:52					FePeak.c/s=18	#Peaks=1
UVSP	02:32	02:51			Peak3...c/s=95	Code=00	Exp #=30422					Rast=0"x0"	XEN=511300
					Wave length=1548A							Step=0"	Cad=3840s
												Rast=240"x240"	3840s/pixel
												Step=3"	Pitch=-140", Yaw=+97"
Event # = 7712	85/04/23, 08:52	DOY=113	Peak		SMM Pointing:	N05E39						Pitch=-148", Yaw=+596", Roll=0deg	H. Ang=40deg
GOES	08:46	08:52	08:56	08:56	Importance=B7	Qual=01							
HXRBS	08:50:42	08:50:50	08:50:58	08:50:58	Peak...c/s=71	Qual=01	FePeak=08:51					MaxkeV=50	
BCS	08:51	08:52	08:54	08:54	CaPeak.c/s=25	Qual=1	Exp #=30452					FePeak.c/s=12	#Peaks=2
FCS					Peak3...c/s=16	Code=00						Rast=240"x240"	XEN=511301
UVSP	08:42	08:52			Wave length=1371A							Step=0"	Cad= 590s
												Rast=30"x30"	Pitch=-137", Yaw=+585"
Event # = 21089	85/04/23, 09:25	DOY=113	Peak		SMM Pointing:	N05E39						Pitch=-148", Yaw=+596", Roll=0deg	H. Ang=40deg
GOES	08:56	09:25	10:06	10:06	Importance=C1	Qual=01							
BCS	08:58	09:04	09:20	09:20	CaPeak.c/s=33	Qual=1	FePeak=08:58					FePeak.c/s=15	#Peaks=1
UVSP	09:18	09:04			Wave length=1371A	Code=01	Exp #=30456					Rast=30"x30"	Step=0"
													Pitch=-37", Yaw=+470"

Event # = 7715	DOY=113	SMM Pointing:	N05E38	Pitch=-150", Yaw=+584", Roll=0deg	H.Ang=39deg
85/04/23 10:33	Peak	Ha...Class=SN	N03E40	Mac.=EKI	H.Ang=41deg
Optical	End times	Importance=C2	Qual=03	Carr.Lon.=229deg	
GOES 10:17	11:14	Peak...c/s=72	Qual=01	MaxkeV=50	
HXRBS 10:40:13	10:40:40	CaPeak.c/s=71	Qual=1	dt= 3.8s	XEN=511314
BGS 10:16	10:27	Peak3..c/s=124	Code=00	Step=10"	1.024s/pixel
FCS	10:30	Wavelength=1371A		Rast=240"x240"	Pitch=-117", Yaw=+573"
UVSP	10:15			Step=0"	
Event # = 7716	DOY=113	SMM Pointing:	N05E36	Pitch=-150", Yaw=+561", Roll=0deg	H.Ang=37deg
85/04/23 13:13	Peak	Importance=B4	Qual=01	MaxkeV=50	
GOES 13:12	13:17	Peak...c/s=74	Qual=01		
HXRBS 13:11:57	13:12:19			Tot Cts=438	
Event # = 7717	DOY=113	SMM Pointing:	N05E33	Pitch=-150", Yaw=+525", Roll=0deg	H.Ang=35deg
85/04/23 18:18	Peak	Importance=88	Qual=02	MaxkeV=70	
GOES 18:16	18:29	Peak...c/s=68	Qual=01	FePeak.c/s=8	XEN=511304
HXRBS 18:17:28	18:17:44	CaPeak.c/s=25	Qual=2	Step=3"	Pitch=-146", Yaw=+533"
BGS 18:17	18:18	Wavelength=1548A	Code=00		
UVSP 17:50				Exp #=30477	
Event # = 7718	DOY=113	SMM Pointing:	N05E32	Pitch=-153", Yaw=+504", Roll=0deg	H.Ang=33deg
85/04/23 21:11	Peak	Ha...Class=SN	N04E30	Mac.=EKI	H.Ang=31deg
Optical	End times	Importance=C6	Qual=01	Carr.Lon.=233deg	
GOES 18:15	21:21	Peak...c/s=339	Qual=01	MaxkeV=70	
HXRBS 21:04:23	21:09:28	CaPeak.c/s=307	Qual=1	dt= 7.7s	XEN=511313
BGS 20:54	21:11	Peak3..c/s=302	Code=00	Step=0"	Pitch=-170", Yaw=+482"
FCS	21:08	Wavelength=1371A			
UVSP 20:57		IV/3		Exp #=30487	
Radio Sweeps	Type/Intensity:	8800/52 15400/52			
Radio	Frequency(MHz)/Flux(sfu):	Associated	Qual=4	Event # = 21090	
BGS 19:19	19:24	CaPeak.c/s=141	Qual=4	FePeak=19:24	
FCS	19:32	Peak3..c/s=615		dt= 3.8s	XEN=511305
UVSP 19:24		Wavelength=1351A		Step=10"	Pitch=-145", Yaw=+519"
BGS 22:28	22:32	CaPeak.c/s=39	Qual=4	Event # = 21091	
FCS	22:43	Peak3..c/s=171		FePeak=22:31	
UVSP 22:31		Wavelength=1371A		dt= 7.7s	XEN=511306
Event # = 8474	DOY=114	SMM Pointing:	N05E30	Pitch=-153", Yaw=+473", Roll=0deg	H.Ang=31deg
85/04/24 00:51	Peak	Importance=C1	Qual=01	MaxkeV=91	Flags=I
GOES 00:46	00:51	Peak...c/s=130	Qual=01	FePeak.c/s=9	XEN=511400
HXRBS 00:49:16	00:49:28	CaPeak.c/s=23	Qual=1	Rast=30"x30"	Pitch=-172", Yaw=+442"
BGS 00:49	00:50	Wavelength=1371A	Code=00		
UVSP 00:45		III/3		Exp #=30503	
Radio Sweeps	Type/Intensity:	245/740 4995/74			
Radio	Frequency(MHz)/Flux(sfu):				

85/04/24 DOY=114

Event # = 7720 85/04/24,01:53 Start	DOY=114 Peak	SMM Pointing:	N05E29							Pitch=-154",Yaw=+463",Roll=0deg	H.Ang=31deg
Optical		Ha...Class=1N	N03E28	AR4647	Mac.=EKI	Carr.Lon.=233deg					H.Ang=29deg
GOES 01:45	01:53	Importance=C9	Qual=01								
HXRBS 01:47:54	01:48:21	Peak...c/s=2734	Qual=01	Tot Cts=1.52E+5	MaxkeV=156	Flags=M					XEN=511401
BCS 01:48	01:52	CaPeak.c/s=768	Qual=1	FePeak=01:52	Rast=0"x0"	Step=0"					26.88s/pixel
FCS 01:51	01:51	Peak3..c/s=541		Exp #=30506							Pitch=-132",Yaw=+444"
UVSP 01:40		Wavelength=1371A	Code=00								
Radio		4995/78 8800/290 15400/250									
Frequency(MHz)/Flux(sfu):		Associated		Event # = 7719							
HXRBS 01:46:25	01:46:47	Peak...c/s=80	Qual=01		MaxkeV=50						
Event # = 7721 85/04/24,04:02 Start	DOY=114 Peak	SMM Pointing:	N05E28							Pitch=-154",Yaw=+450",Roll=0deg	H.Ang=30deg
Optical		Ha...Class=SF	N04E26	AR4647	Mac.=EKI	Carr.Lon.=234deg					H.Ang=27deg
GOES 03:40	04:02	Importance=C2	Qual=03								
HXRBS 03:40:38	03:41:04	Peak...c/s=62	Qual=01	Tot Cts=03:51	MaxkeV=50	FePeak.c/s=22	#Peaks=1	dt= 3.8s	XEN=511409		
BCS 03:41	03:51	CaPeak.c/s=107	Qual=3	Exp #=30518							Pitch=-123",Yaw=+416"
FCS 03:51	03:51	Peak3..c/s=239									
UVSP 03:53		Wavelength=1371A	Code=00								
Radio		245/210 2695/11 4995/23 8800/25									
Frequency(MHz)/Flux(sfu):		Associated		Event # = 7722							
Event # = 7722 85/04/24,05:03 Start	DOY=114 Peak	SMM Pointing:	N05E27							Pitch=-155",Yaw=+437",Roll=0deg	H.Ang=29deg
Optical		Ha...Class=SN	N05E26	AR4647	Mac.=EKI	Carr.Lon.=233deg					H.Ang=28deg
GOES 04:45	05:03	Importance=C7	Qual=01								
HXRBS 04:48:00	04:51:24	Peak...c/s=194	Qual=01	Tot Cts=33987	MaxkeV=50	FePeak.c/s=77	#Peaks=1	dt= 3.8s	XEN=511403		
BCS 04:46	05:00	CaPeak.c/s=433	Qual=1	FePeak=04:55	Rast=0"x0"	Step=0"					16.38s/pixel
FCS 05:04	05:04	Peak3..c/s=578		Exp #=30522							Pitch=-194",Yaw=+428"
UVSP 04:50		Wavelength=1371A	Code=00								
Event # = 7723 85/04/24,08:39 Start	DOY=114 Peak	SMM Pointing:	N05E26							Pitch=-156",Yaw=+411",Roll=0deg	H.Ang=27deg
Optical		Importance=B2	Qual=01								
GOES 08:36	08:39	Peak...c/s=247	Qual=01	Tot Cts=1267	MaxkeV=70	FePeak.c/s=22	#Peaks=1	dt= 3.8s	XEN=511403		
HXRBS 08:39:37	08:39:49	CaPeak.c/s=1371A	Code=00	Exp #=30542							Pitch=-175",Yaw=+367"
UVSP 08:36		Wavelength=1371A	Code=00								
Event # = 7725 85/04/24,09:35 Start	DOY=114 Peak	SMM Pointing:	N05E25							Pitch=-156",Yaw=+398",Roll=0deg	H.Ang=27deg
Optical		Ha...Class=3B	N06E27	AR4647	Mac.=EKI	Carr.Lon.=230deg					H.Ang=29deg
GOES 08:45	09:35	Importance=X2	Qual=03								
HXRBS 09:26:39	09:29:35	Peak...c/s=18610	Qual=04	Tot Cts=7.76E+6	MaxkeV=418	FePeak.c/s=4605	#Peaks=1	Flags=M,SN,EN	XEN=511404		
BCS 09:29	09:41	CaPeak.c/s=13695	Qual=4	FePeak=09:41	Rast=0"x0"	Step=0"					26.88s/pixel
FCS 09:37	09:37	Peak3..c/s=7373		Exp #=30546							Pitch=-145",Yaw=+359"
UVSP 09:33		Wavelength=1371A	Code=00								
Radio		IV/1									
Frequency(MHz)/Flux(sfu):		Associated		Event # = 21092							
BCS 11:03	11:04	CaPeak.c/s=657	Qual=5	FePeak=11:04	FePeak.c/s=32	#Peaks=1			XEN=511410		
FCS 11:17	11:17	Peak3..c/s=1974		Exp #=30554							768.0s/pixel
UVSP 11:06		Wavelength=1545A									Pitch=+446",Yaw=+48"

BCS 12:38 12:39 13:37 Associated Event # = 21093
 FCS 12:41 12:46 Peak3..c/s=349 Qual = 5 FePeak=12:39 XEN=511411
 UVSP 12:41 12:46 Wavelength=1347A Exp # = 30559 #Peaks=1 dt= 3.8s
 BCS 14:12 14:12 14:33 Associated Event # = 21094 XEN=511414
 FCS 14:26 14:26 Peak3..c/s=119 Qual = 5 FePeak=14:12 Step=0" Cad= 768s
 UVSP 14:15 14:26 Wavelength=1371A Exp # = 30566 #Peaks=1 dt= 3.8s
 FePeak.c/s=13 Rast=0"x0" Step=0" Cad= 768s
 Rast=30"x30" Step=0" Pitch=-153",Yaw="+380"
 FePeak.c/s=11 #Peaks=1 XEN=511414
 Rast=240"x240" Step=10" Cad= 590s
 Rast=280"x280" Step=10" Pitch=-152",Yaw="+365"

Event # = 7726 SMM Pointing: N05E21 Pitch=-158",Yaw="+345",Roll=0deg H.Ang=23deg
 85/04/24,17:02 DOY=114 Peak 17:02 End times
 GOES 16:42 17:02 Importance=C5 Qual=05
 HXRBS 16:45:22 16:45:55 Peak...c/s=112 Qual=02 MaxkeV=70 dt= 7.7s XEN=511413
 BCS 16:00 16:45 CaPeak..c/s=98 Qual= 6 FePeak.c/s=27 #Peaks=3
 FCS 16:09 16:09 Peak3..c/s=102 Wavelength=1371A Rast=0"x0" Step=0" Cad= 768s
 UVSP 17:23 Frequency(MHz)/Flux(sfu): 245/52 1415/40 2695/85 4995/14 8800/19 15400/42 Rast=280"x280" Step=10" Pitch=-153",Yaw="+338"
 Radio

Event # = 21095 SMM Pointing: N05E20 Pitch=-159",Yaw="+331",Roll=0deg H.Ang=23deg
 85/04/24,17:21 DOY=114 Peak 17:21 End times
 GOES 17:21 17:52 CaPeak..c/s=100 Qual=00 #Peaks=1 dt= 3.8s XEN=511412
 BCS 17:21 17:28 Peak3..c/s=439 Qual= 6 FePeak=17:21 Step=0" Cad=1.02s
 FCS 17:28 Wavelength=1371A Exp # = 30576 Rast=280"x280" Step=10" Pitch=-153",Yaw="+338"
 UVSP 17:23

Event # = 7727 SMM Pointing: N05E20 Pitch=-159",Yaw="+331",Roll=0deg H.Ang=23deg
 85/04/24,17:29 DOY=114 Peak 17:29 End times
 GOES 17:29:12 17:29:40 17:29:59 Peak...c/s=75 Qual=00 #Peaks=1 dt= 3.8s XEN=511412
 HXRBS 17:29:12 17:29:40 17:29:59 Wavelength=1371A Qual=01 FePeak=17:21 Step=0" Cad=1.02s
 UVSP 17:24 Wavelength=1371A Exp # = 30577 Rast=280"x280" Step=10" Pitch=-153",Yaw="+338"
 MaxkeV=50
 Rast=30"x30" Step=0" Pitch=-108",Yaw="+302"

Event # = 7820 SMM Pointing: N05E19 Pitch=-159",Yaw="+304",Roll=0deg H.Ang=21deg
 85/04/24,20:56 DOY=114 Peak 20:56 End times
 Optical Ha...Class=SN N04E21 Carr.Lon.=229deg H.Ang=23deg
 GOES 20:47 21:15 Importance=C2 Qual=01
 HXRBS 20:50:01 20:50:14 20:50:48 Peak...c/s=112 Qual=01 MaxkeV=70 dt= 3.8s XEN=511408
 BCS 20:50 20:57 CaPeak..c/s=58 Qual= 1 FePeak.c/s=10 #Peaks=1
 FCS 20:58 Peak3..c/s=384 Wavelength=1371A Code=00 Rast=30"x30" Step=0" Pitch=-158",Yaw="+343"
 UVSP 20:52 Type/Intensity: V/2
 Radio Sweeps Wavelength=1371A Exp # = 30588
 Frequency(MHz)/Flux(sfu): 245/780 410/210

Event # = 7728 SMM Pointing: N05E15 Pitch=-161",Yaw="+244",Roll=0deg H.Ang=18deg
 85/04/25,03:18 DOY=115 Peak 03:18 End times
 GOES 03:17:31 03:18:05 03:18:12 Peak...c/s=91 Qual=00 #Peaks=1 dt= 3.8s XEN=511408
 HXRBS 03:17:31 03:18:05 03:18:12 Wavelength=1371A Qual=01 FePeak=20:57 Step=0" Pitch=-180",Yaw="+236"
 UVSP 03:09 MaxkeV=50
 Rast=30"x30" Step=0" Pitch=-180",Yaw="+236"

Event # = 7729													
85/04/25, 04:23	DOY=115		SMM Pointing:	N05E14					Pitch=-161", Yaw=+233", Roll=0deg		H. Ang=17deg		
GOES 04:19	Peak 04:23	End times 04:36	Importance=B6	Qual=04					MaxkeV=70				
HXRBS 04:21:25	04:21:52	04:22:21	Peak...c/s=144	Qual=01					FePeak.c/s=10	#Peaks=1	XEN=511500		
BGS 04:22	04:22	04:23	CaPeak.c/s=24	Qual=1				Tot Cts=1599	Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel	
FCS 04:23	04:23		Peak3..c/s=47					FePeak=04:22	Rast=280"x280"	Step=10"	Pitch=-155", Yaw=+241"		
UVSP 04:24			Wavelength=1371A	Code=02				Exp #=30619					
Radio	Frequency(MHz)/Flux(sfu):	4995/8	8800/18	15400/34									
Event # = 7730													
85/04/25, 05:00	DOY=115		SMM Pointing:	N05E14					Pitch=-161", Yaw=+233", Roll=0deg		H. Ang=17deg		
Optical 04:58	Peak 05:00	End times 05:06	Ha...Class=SF	N05E12					Mac.=EKI	Carr. Lon.=234deg			
HXRBS 04:58:47	04:59:12	04:59:33	Importance=B6	Qual=01				AR4647			H. Ang=15deg		
BGS 04:59	04:59	05:01	Peak...c/s=220	Qual=01					MaxkeV=70	#Peaks=1	XEN=511501		
FCS 04:59	04:59	05:01	CaPeak.c/s=19	Qual=1				Tot Cts=1482	FePeak.c/s=16	Step=0"	Cad=16.4s	16.38s/pixel	
UVSP 04:44	05:00		Peak3..c/s=82					FePeak=04:59	Rast=0"x0"	Step=0"	Pitch=-120", Yaw=+193"		
Radio	Frequency(MHz)/Flux(sfu):		Wavelength=1371A	Code=00				Exp #=30622	Rast=30"x30"	Step=0"			
Event # = 21096													
85/04/25, 05:17	DOY=115		SMM Pointing:	N05E14					Pitch=-161", Yaw=+233", Roll=0deg		H. Ang=17deg		
Optical 05:15	Peak 05:17	End times 05:35	Ha...Class=SF	N03E11					Mac.=EKI	Carr. Lon.=235deg			
HXRBS 05:17	05:17	05:17	Importance=B7	Qual=01				AR4647			H. Ang=13deg		
BGS 05:17	05:17	05:17	CaPeak.c/s=19	Qual=1					FePeak.c/s=5	#Peaks=1	XEN=511502		
UVSP 05:03	05:03		Wavelength=1371A	Code=00				Exp #=30624	Rast=30"x30"	Step=0"	Pitch=-120", Yaw=+190"		
Radio	Frequency(MHz)/Flux(sfu):		Wavelength=1371A	Code=00									
Event # = 21097													
85/04/25, 05:57	DOY=115		SMM Pointing:	N05E13					Pitch=-161", Yaw=+220", Roll=0deg		H. Ang=17deg		
Optical 05:51	Peak 05:57	End times 06:26	Importance=B7	Qual=04									
HXRBS 05:56	06:01	06:02	CaPeak.c/s=20	Qual=1					FePeak.c/s=7	#Peaks=1	XEN=511515		
BGS 05:56	06:01	06:02	Peak3..c/s=56										
FCS 05:57	05:57		Wavelength=1371A	Code=02					Rast=280"x280"	Step=10"	Pitch=-155", Yaw=+227"		
UVSP 05:57			Wavelength=1371A	Code=02									
Radio	Frequency(MHz)/Flux(sfu):		4995/11	8800/13									
Event # = 21098													
85/04/25, 06:41	DOY=115		SMM Pointing:	N05E13					Pitch=-161", Yaw=+220", Roll=0deg		H. Ang=17deg		
Optical 06:34	Peak 06:41	End times 07:11	Ha...Class=SF	N05E11					Mac.=EKI	Carr. Lon.=234deg			
HXRBS 06:36	06:40	06:47	Importance=B8	Qual=01				AR4647			H. Ang=15deg		
BGS 06:36	06:40	06:47	CaPeak.c/s=35	Qual=1					FePeak.c/s=20	#Peaks=1	XEN=511518		
FCS 06:36	06:40		Peak3..c/s=37										
UVSP 06:36			Wavelength=1371A	Code=00					Rast=30"x30"	Step=0"	Pitch=-140", Yaw=+165"		
Radio	Frequency(MHz)/Flux(sfu):		4995/11	8800/13									
Event # = 7731													
85/04/25, 07:38	DOY=115		SMM Pointing:	N05E12					Pitch=-161", Yaw=+205", Roll=0deg		H. Ang=16deg		
Optical 07:22	Peak 07:38	End times 08:06	Ha...Class=SN	N05E11					Mac.=EKI	Carr. Lon.=233deg			
HXRBS 07:37:04	07:37:33	07:38:17	Importance=C4	Qual=04				AR4647			H. Ang=15deg		
BGS 07:30	07:32	08:05	Peak...c/s=68	Qual=01					MaxkeV=50	#Peaks=2	XEN=511512		
FCS 07:33	07:32	08:05	CaPeak.c/s=238	Qual=4					FePeak.c/s=25	dt= 3.8s	Cad= 922s	1.024s/pixel	
UVSP 07:33	07:48		Peak3..c/s=439						Rast=300"x300"	Step=10"	Pitch=-140", Yaw=+167"		
Radio	Frequency(MHz)/Flux(sfu):		Wavelength=1371A	Code=00					Rast=30"x30"	Step=0"			
			2695/23	4995/40				Exp #=30636					
			8800/45	15400/23									

BCS 08:06 08:18 08:29 08:11 08:11
FCS 08:11
UVSP 08:11

Associated Event # = 21099
Qual = 1
FePeak = 08:18
Exp # = 30640

CaPeak.c/s = 42
Peak3...c/s = 45
Wavelength = 1371A

FePeak.c/s = 13
Rast = 0" x 0"
Rast = 30" x 30"
dt = 7.7s
Cad = 16.4s
Pitch = -121", Yaw = +131"

Event # = 7881
85/04/25,09:06 DOY=115
Start Peak
End times
GOES 09:01 09:06 09:20
HXRBs 09:12:00 09:12:12 09:12:27
BCS 09:04 09:05 09:09
FCS 09:05
UVSP 09:07

SMM Pointing: N05E12 H.Ang = 15deg
Pitch = -162", Yaw = +191", Roll = 0deg

MaxkeV = 50
FePeak.c/s = 16
Rast = 0" x 0"
Rast = 280" x 280"
Flags = I
#Peaks = 1
Cad = 3840s
Pitch = -156", Yaw = +198"

Event # = 7882
85/04/25,09:36 DOY=115
Start Peak
End times
GOES 09:32 09:36 09:39
HXRBs 09:34:06 09:34:27 09:35:09
UVSP 09:27

SMM Pointing: N05E12 H.Ang = 15deg
Pitch = -162", Yaw = +191", Roll = 0deg

MaxkeV = 91
Rast = 30" x 30"
Flags = I
Step = 0"
Pitch = -121", Yaw = +130"

Event # = 21100
85/04/25,10:53 DOY=115
Start Peak
End times
GOES 10:42 10:53 11:29
BCS 10:48 10:51 11:22
FCS 10:52
UVSP 10:45

SMM Pointing: N05E11 H.Ang = 15deg
Pitch = -162", Yaw = +177", Roll = 0deg

FePeak.c/s = 8
Rast = 0" x 0"
Rast = 240" x 240"
#Peaks = 1
dt = 7.7s
Cad = 768s
Pitch = -158", Yaw = +185"

Event # = 21101
85/04/25,12:09 DOY=115
Start Peak
End times
GOES 11:43 12:09 12:43
BCS 12:13 12:13 12:19
FCS 12:13
UVSP 12:16

SMM Pointing: N05E11 H.Ang = 15deg
Pitch = -162", Yaw = +177", Roll = 0deg

FePeak.c/s = 14
Rast = 30" x 30"
#Peaks = 1
Step = 0"
Pitch = -158", Yaw = +171"

Event # = 7732
85/04/25,14:46 DOY=115
Start Peak
End times
GOES 14:45 14:46 14:50
HXRBs 14:45:05 14:45:28 14:45:47
UVSP 14:39
Radio Frequency (MHz)/Flux(sfu): 245/160 410/95 606/170

SMM Pointing: N05E09 H.Ang = 13deg
Pitch = -163", Yaw = +148", Roll = 0deg

MaxkeV = 70
Rast = 30" x 30"
Flags = M
Step = 0"
Pitch = -111", Yaw = +82"

Event # = 7734
85/04/25,18:59 DOY=115
Start Peak
End times
Optical
GOES 18:56 18:59 19:06
HXRBs 18:57:59 18:59:02 18:59:24
BCS 18:58 18:59 19:00
FCS 18:59
UVSP 18:54

SMM Pointing: N05E06 H.Ang = 12deg
Pitch = -163", Yaw = +105", Roll = 0deg

Mac. = EKI Carr. Lon. = 234deg
MaxkeV = 70
FePeak.c/s = 11
Rast = 0" x 0"
Rast = 30" x 30"
#Peaks = 1
Cad = 768s
Pitch = -172", Yaw = +113"

MaxkeV = 50
Tot Cts = 150
Event # = 7733

Event # = 21102			DOY=115			SMM Pointing:			Pitch=-163", Yaw=+105", Roll=0deg			H. Ang=12deg						
85/04/25,20:00	Start	Peak	End times	Importance=B7	Qual=05													
19:54		20:00	20:18	CaPeak.c/s=19	Qual=1	FePeak=20:08			FPeak.c/s=6			#Peaks=1						
20:08		20:08	20:08	Peak3..c/s=75				Rast=0"x0"			Step=0"			Cad=3840s				
				Wavelength=1371A	Code=02	Exp #=30680			Rast=280" x280"			Step=10"			Pitch=-157", Yaw=+97"			
20:07																		
Event # = 7735			DOY=115			SMM Pointing:			Pitch=-164", Yaw=+91", Roll=0deg			H. Ang=11deg						
85/04/25,20:30	Start	Peak	End times	Importance=B6	Qual=01													
20:26		20:30	20:32	Peak..c/s=69	Qual=01	Tot Cts=346			MaxkeV=50			Step=0"						
20:38		20:26:51	20:27:25	Wavelength=1371A	Code=00	Exp #=30681			Rast=30"x30"			Pitch=-192", Yaw=+62"						
20:09																		
Event # = 7736			DOY=115			SMM Pointing:			Pitch=-164", Yaw=+91", Roll=0deg			H. Ang=11deg						
85/04/25,20:53	Start	Peak	End times	Importance=C2	Qual=02													
20:33		20:53	21:34	Peak...c/s=67	Qual=01	Tot Cts=221			MaxkeV=50			dt= 3.8s						
20:34:19		20:34:51	20:35:17	CaPeak.c/s=68	Qual=2	FePeak=20:47			FePeak.c/s=13			XEN=511509						
20:40		20:47	20:47	Peak3..c/s=87				Rast=0"x0"			Step=0"			Cad= 768s				
				Wavelength=1371A	Code=01	Exp #=30681			Rast=30" x30"			Step=0"			Pitch=-192", Yaw=+62"			
20:09																		
Event # = 21103			DOY=115			SMM Pointing:			Pitch=-163", Yaw=+66", Roll=0deg			H. Ang=11deg						
85/04/25,22:48	Start	Peak	End times	Importance=C3	Qual=05													
22:31		22:48	23:30	CaPeak.c/s=46	Qual=4	FePeak=23:14			FePeak.c/s=8			#Peaks=1						
23:14		23:15	23:30	Wavelength=1371A				Rast=280" x280"			Step=10"			Pitch=-157", Yaw=+68"				
23:17				Frequency(MHz)/Flux(sfu):	245/19	Exp #=30684												
Event # = 7821			DOY=116			SMM Pointing:			Pitch=-163", Yaw=+32", Roll=0deg			H. Ang=10deg						
85/04/26,02:31	Start	Peak	End times	Ha...Class=SF	Qual=01													
02:28		02:31	02:34	Importance=B9	Qual=01	AR4647			Mac.=EKI			Carr. Lon.=232deg						
02:31:22		02:31:47	02:32:04	Peak...c/s=128	Qual=01	Tot Cts=728			MaxkeV=50			Flags=I						
02:31		02:31	02:32	CaPeak.c/s=42	Qual=1	FePeak=02:31			FePeak.c/s=14			#Peaks=1						
				Peak3..c/s=35				Rast=280" x280"			Step=10"			Pitch=-157", Yaw=+38"				
02:24				Wavelength=1371A	Code=01	Exp #=30688												
				Frequency(MHz)/Flux(sfu):	245/69													
Event # = 21104			DOY=116			SMM Pointing:			Pitch=-163", Yaw=+9", Roll=0deg			H. Ang=10deg						
85/04/26,05:29	Start	Peak	End times	CaPeak.c/s=42	Qual=06													
05:29		05:29	05:30	Peak3..c/s=106	Qual=5	FePeak=05:30			FePeak.c/s=8			#Peaks=1						
				Wavelength=1371A				Rast=280" x280"			Step=10"			Pitch=-157", Yaw=+9"				
05:33							Exp #=30697											

Event # = 21105	DOY=116	SMM Pointing:	N05E01	Pitch=-163", Yaw=+9", Roll=0deg	H. Ang=10deg
85/04/26, 05:40	Peak	End times			
Optical					
GOES 05:37	05:40	Ha...Class=SN	N04W00	Mac.=EKI	Carr. Lon.=232deg
BCS 05:40	05:40	Importance=B6	Qual=01	FePeak.c/s=16	#Peaks=1
FCS 05:40	05:40	CaPeak.c/s=19	Qual=1	Rast=30"x30"	Pitch=-142", Yaw=+14"
UVSP 05:36		Peak3..c/s=106	Code=00	Exp #=30698	
		WaveLength=1371A			
Event # = 7742	DOY=116	SMM Pointing:	N05W04	Pitch=-164", Yaw=-71", Roll=0deg	H. Ang=11deg
85/04/26, 14:22	Peak	End times			
GOES					
HXRBS 14:22:18	14:22:25	Peak...c/s=107	Qual=06	MaxkeV=50	
			Qual=01		
			Tot Cts=377		
Event # = 21106	DOY=117	SMM Pointing:	N05W21	Pitch=-153", Yaw=-345", Roll=0deg	H. Ang=23deg
85/04/27, 20:54	Peak	End times			
Optical					
GOES 20:51	20:54	Ha...Class=1B	N06E03	Mac.=EKI	Carr. Lon.=208deg
BCS 20:51	20:54	CaPeak.c/s=365	Qual=00	FePeak.c/s=42	#Peaks=1
FCS	20:54	Peak3..c/s=64	Qual=4	dt= 3.8s	XEN=511701
UVSP				Pitch=-425", Yaw=-670"	
Event # = 7743	DOY=117	SMM Pointing:	N05W23	Pitch=-153", Yaw=-365", Roll=0deg	H. Ang=24deg
85/04/27, 23:26	Peak	End times			
GOES 23:22	23:26	Importance=C1	Qual=01	MaxkeV=50	
HXRBS 23:24:49	23:25:09	Peak...c/s=89	Qual=01		
Event # = 7883	DOY=118	SMM Pointing:	N05W37	Pitch=-141", Yaw=-570", Roll=0deg	H. Ang=38deg
85/04/28, 22:14	Peak	End times			
Optical					
GOES 22:11	22:14	Ha...Class=SN	N03W38	Mac.=EKI	Carr. Lon.=235deg
HXRBS 22:12:15	22:12:34	Importance=C2	Qual=01	MaxkeV=91	Flags=M, I
BCS 22:12	22:13	Peak...c/s=862	Qual=01	FePeak.c/s=65	#Peaks=1
FCS	22:14	CaPeak.c/s=289	Qual=1	Rast=0"x0"	XEN=511801
		Peak3..c/s=834		Step=0"	Cad=26.9s
					26.88s/pixel
Event # = 21107	DOY=119	SMM Pointing:	N05W46	Pitch=-134", Yaw=-680", Roll=0deg	H. Ang=47deg
85/04/29, 15:23	Peak	End times			
Optical					
GOES 15:18	15:23	Ha...Class=SN	N06W47	Mac.=EKI	Carr. Lon.=234deg
BCS 15:22	15:23	Importance=B6	Qual=04	FePeak.c/s=11	#Peaks=1
FCS	15:22	CaPeak.c/s=29	Qual=1	Rast=0"x0"	XEN=511900
		Peak3..c/s=30		Step=0"	Cad=3840s
					3840s/pixel
Event # = 21108	DOY=119	SMM Pointing:	N05W47	Pitch=-133", Yaw=-700", Roll=0deg	H. Ang=48deg
85/04/29, 17:14	Peak	End times			
GOES 17:10	17:14	Importance=B7	Qual=01	FePeak.c/s=12	#Peaks=1
BCS 17:13	17:13	CaPeak.c/s=32	Qual=1	Rast=0"x0"	XEN=511901
FCS	17:15	Peak3..c/s=84		Step=0"	Cad= 768s
					768.0s/pixel

85/04/30		DOY=120	
Event # = 7884	85/04/30, 04:15	DOY=120	Peak
Optical	Start	End times	
GOES	04:11	04:15	04:26
HXRBS	04:12:14	04:12:58	04:13:36
BCS	04:13	04:14	04:16
FCS	04:13	04:13	04:13
Radio	Frequency(MHz)/Flux(sfu):	8800/14	
SMM Pointing:			
Ha...Class=SN			
Importance=B6			
Peak...c/s=64			
CaPeak.c/s=33			
Peak3...c/s=130			
8800/14			
N05W53			
Pitch=-127", Yaw=-75", Roll=0deg			
H. Ang=54deg			
Mac.=DKI			
Carr. Lon.=235deg			
H. Ang=55deg			
MaxkeV=50			
Flags=I			
#Peaks=2			
XEN=512000			
Rast=300"x300" Cad= 922s			
Step=10" Cad= 922s			
1.024s/pixel			
AR4647			
FePeak=04:14			
FePeak.c/s=15			
#Peaks=2			
XEN=512000			
Rast=300"x300" Cad= 922s			
Step=10" Cad= 922s			
1.024s/pixel			
Event # = 7745			
85/04/30, 23:44			
DOY=120			
Peak			
End times			
SMM Pointing:			
Ha...Class=SB			
Importance=C2			
Peak...c/s=1224			
CaPeak.c/s=123			
Peak3...c/s=990			
8800/11 15400/46			
N05W64			
Pitch=-115", Yaw=-851", Roll=0deg			
H. Ang=64deg			
Mac.=DKI			
Carr. Lon.=234deg			
H. Ang=65deg			
MaxkeV=179			
Flags=M			
#Peaks=1			
XEN=512002			
Rast=0"x0" Cad=26.9s			
Step=0" Cad=26.9s			
26.88s/pixel			
AR4647			
Tot Cts=18322			
FePeak=23:44			
FePeak.c/s=43			
#Peaks=1			
XEN=512002			
Rast=0"x0" Cad=26.9s			
Step=0" Cad=26.9s			
26.88s/pixel			
Event # = 7746			
85/05/01, 08:53			
DOY=121			
Peak			
End times			
SMM Pointing:			
Importance=B4			
Peak...c/s=67			
CaPeak.c/s=23			
Peak3...c/s=59			
N05W69			
Pitch=-108", Yaw=-886", Roll=0deg			
H. Ang=69deg			
MaxkeV=50			
Flags=I			
#Peaks=1			
XEN=512100			
Rast=240"x240" Cad= 590s			
Step=10" Cad= 590s			
1.024s/pixel			
AR4647			
Tot Cts=500			
FePeak=08:50			
FePeak.c/s=11			
#Peaks=1			
XEN=512100			
Rast=240"x240" Cad= 590s			
Step=10" Cad= 590s			
1.024s/pixel			
Event # = 7747			
85/05/01, 09:13			
DOY=121			
Peak			
End times			
SMM Pointing:			
Importance=B4			
Peak...c/s=87			
CaPeak.c/s=23			
Peak3...c/s=59			
N05W69			
Pitch=-108", Yaw=-886", Roll=0deg			
H. Ang=69deg			
MaxkeV=70			
Flags=I			
#Peaks=1			
XEN=512104			
Rast=240"x240" Cad= 590s			
Step=10" Cad= 590s			
1.024s/pixel			
AR4647			
Tot Cts=1010			
FePeak=14:32			
FePeak.c/s=44			
#Peaks=1			
XEN=512104			
Rast=240"x240" Cad= 590s			
Step=10" Cad= 590s			
1.024s/pixel			
Event # = 21109			
85/05/01, 14:34			
DOY=121			
Peak			
End times			
SMM Pointing:			
Ha...Class=SB			
Importance=C3			
CaPeak.c/s=188			
Peak3...c/s=841			
1415/11 2695/35			
4995/24 8800/65 15400/33			
N03W72			
Pitch=-68", Yaw=-906", Roll=0deg			
H. Ang=72deg			
Mac.=DAO			
Carr. Lon.=234deg			
H. Ang=73deg			
MaxkeV=70			
Flags=I			
#Peaks=1			
XEN=512104			
Rast=240"x240" Cad= 590s			
Step=10" Cad= 590s			
1.024s/pixel			
AR4647			
Tot Cts=1341			
FePeak=19:18			
FePeak.c/s=9			
#Peaks=1			
XEN=512113			
Rast=0"x0" Cad=3840s			
Step=0" Cad=3840s			
3840s/pixel			
Event # = 7750			
85/05/01, 19:19			
DOY=121			
Peak			
End times			
SMM Pointing:			
Ha...Class=SN			
Importance=B7			
Peak...c/s=115			
CaPeak.c/s=22			
Peak3...c/s=26			
N03W74			
Pitch=-68", Yaw=-917", Roll=0deg			
H. Ang=75deg			
Mac.=DAO			
Carr. Lon.=229deg			
H. Ang=71deg			
MaxkeV=50			
Flags=I			
#Peaks=1			
XEN=512113			
Rast=0"x0" Cad=3840s			
Step=0" Cad=3840s			
3840s/pixel			
AR4647			
Tot Cts=1341			
FePeak=19:18			
FePeak.c/s=9			
#Peaks=1			
XEN=512113			
Rast=0"x0" Cad=3840s			
Step=0" Cad=3840s			
3840s/pixel			

85/05/02		DOY=122	
Event # = 21110	DOY=122		
85/05/02, 05:11	Peak		
Optical	End times	SMM Pointing:	
GOES 05:05	05:11	Ha...Class=SN	Pitch=-62", Yaw=-938", Roll=0deg
BCS 05:10	05:10	Importance=85	Mac.=DAO
FCS 05:12	05:12	CaPeak.c/s=22	Carr. Lon.=243deg
		Peak3...c/s=175	#Peaks=1
			Rast=0"x0" Cad=16.4s
			XEN=512200
			16.38s/pixel
Event # = 8741	DOY=122		
85/05/02, 07:45	Peak		
Optical	End times	SMM Pointing:	
GOES 07:41	07:45	Ha...Class=1B	Pitch=-62", Yaw=-938", Roll=0deg
HXRBS 07:50:49	07:53	Importance=M5	Mac.=DAO
Radio Sweeps	07:53:35	Peak...c/s=292	Carr. Lon.=242deg
Radio Frequency(MHz)/Flux(sfu):	Type/Intensity:	I/I 1 I/I/1	Flags=I, SN, SA
	1415/160 2695/480	1415/160 2695/480	MaxkeV=91
	8800/680 15400/700		Tot Cts=6110
Event # = 21111	DOY=122		
85/05/02, 08:03	Peak		
Optical	End times	SMM Pointing:	
GOES 07:54	08:03	Ha...Class=1B	Pitch=-62", Yaw=-938", Roll=0deg
BCS 08:19	08:20	Importance=M3	Mac.=DAO
FCS 08:41	08:50	CaPeak.c/s=682	Carr. Lon.=242deg
Radio Sweeps	08:41	Peak3...c/s=3404	#Peaks=1
Type/Intensity:	I/I/1		Rast=240"x240" Step=10" Cad= 590s
			XEN=512201
			1.024s/pixel
BCS 09:25	09:26	Associated Event # = 21112	
FCS 10:17	10:26	Qual= 4	#Peaks=1 dt= 4.4s
	10:17	CaPeak.c/s=57	XEN=512204
		Peak3...c/s=245	Rast=0"x0" Cad= 768s
Event # = 20523	DOY=122		
85/05/02, 08:04	Peak		
GOES	End times		
C/P 08:04	08:04	Extrap St=05/02, 07:49	PA=270deg
		Qual=00	
		Big loop at 08:46	
Event # = 21113	DOY=122		
85/05/02, 11:00	Peak		
GOES	End times	SMM Pointing:	
BCS 11:00	11:00	CaPeak.c/s=19	Pitch=-62", Yaw=-938", Roll=0deg
FCS 11:00	11:55	Peak3...c/s=26	Mac.=DAO
			Carr. Lon.=243deg
			#Peaks=1
			Rast=0"x0" Cad=3840s
			XEN=512202
			3840s/pixel
Event # = 7754	DOY=126		
85/05/06, 18:01	Peak		
GOES	End times	SMM Pointing:	
HXRBS 18:00:28	18:01	Importance=B2	Pitch=-159", Yaw=+21", Roll=0deg
	18:00:44	Peak...c/s=105	MacKeV=50
	18:01:03		
		Tot Cts=670	

85/05/07 DOY=127

Event # = 7755
 85/05/07, 07:53 DOY=127
 Start Peak
 Optical SMM Pointing: S12E86 Pitch=+197", Yaw=+929", Roll=0deg H. Ang=86deg
 GOES 07:48 08:02 Ha...Class=SN S11E85 Mac.=DK0 Carr. Lon.=1deg H. Ang=84deg
 HXRBS 07:51:07 07:51:22 07:51:57 Importance=B5 Qual=01 AR4652
 BCS 07:51 07:52 07:55 CaPeak...c/s=102 Qual=01 Tot Cts=921 MaxkeV=50
 FePeak.c/s=12 #Peaks=1 XEN=512700
 CaPeak.c/s=26 Qual=1 FePeak=07:51

Event # = 21114
 85/05/07, 08:07 DOY=127
 Start Peak
 Optical SMM Pointing: S12E86 Pitch=+197", Yaw=+929", Roll=0deg H. Ang=86deg
 GOES 08:02 08:12 Ha...Class=SN S11E85 Mac.=DK0 Carr. Lon.=1deg H. Ang=84deg
 BCS 08:08 08:12 CaPeak.c/s=93 Qual=01 AR4652 FePeak.c/s=21 #Peaks=1 XEN=512701

Event # = 7756
 85/05/07, 08:14 DOY=127
 Start Peak
 Optical SMM Pointing: S12E87 Pitch=+197", Yaw=+930", Roll=0deg H. Ang=86deg
 GOES 08:13 08:40 Importance=B7 Qual=01 MaxkeV=50
 HXRBS 08:14:36 08:14:51 08:15:45 Peak...c/s=64 Qual=01 Tot Cts=439 FePeak.c/s=9 #Peaks=1 XEN=512703
 BCS 08:15 08:16 CaPeak.c/s=23 Qual=1 FePeak=08:15

Event # = 21115
 85/05/07, 20:04 DOY=127
 Start Peak
 GOES 19:48 20:04 Importance=C1 Qual=04 FePeak.c/s=12 dt= 3.8s XEN=512704
 BCS 20:01 20:03 CaPeak.c/s=67 Qual=5 FePeak=20:03 Rast=0"x0" Step=0" Cad=1.024s/pixel
 FCS 20:12 Peak3...c/s=334

Event # = 7760
 85/05/07, 21:40 DOY=127
 Start Peak
 GOES 21:35 21:44 SMM Pointing: S14E87 Pitch=+230", Yaw=+922", Roll=0deg H. Ang=86deg
 HXRBS 21:38:17 21:38:55 21:39:05 Importance=B3 Qual=01 MaxkeV=50
 Peak...c/s=71 Tot Cts=269

85/05/08 DOY=128
 Event # = 7761
 85/05/08, 02:46 DOY=128
 Start Peak
 Optical SMM Pointing: S14E87 Pitch=+230", Yaw=+922", Roll=0deg H. Ang=86deg
 GOES 02:41 02:46 Ha...Class=SF S11E72 Mac.=DAI Carr. Lon.=3deg H. Ang=72deg
 HXRBS 02:43:38 02:44:51 02:45:50 Importance=B6 Qual=01 AR4652 MaxkeV=70
 Peak...c/s=159 Qual=01 Tot Cts=1637

Event # = 8476
 85/05/08, 10:47 DOY=128
 Start Peak
 GOES 10:44 10:47 SMM Pointing: S14E87 Pitch=+230", Yaw=+922", Roll=0deg H. Ang=86deg
 HXRBS 10:46:50 10:47:04 10:47:39 Importance=B3 Qual=01 Tot Cts=434 MaxkeV=50
 UVSP 10:46:50 10:47:04 10:47:39 Peak...c/s=85 Qual=01 Tot Cts=434 Flags=1 Pitch=+230", Yaw=+924"

Event # = 8479		85/05/09		DOY=129	
85/05/09, 19:44	DOY=129	S14E51	Pitch=+197", Yaw=+718", Roll=0deg	H. Ang=51deg	
Optical	End times	SMM Pointing:			
GOES 19:40	19:44	Ha...Class=SB	Mac.=DKI	Carr. Lon.=3deg	H. Ang=50deg
HXRBS 19:42:22	19:42:54	Importance=B5	MaxkeV=70	Flags=I	
		Peak...c/s=113	Tot Cts=1350		
Event # = 21116		85/05/11		DOY=131	
85/05/11, 06:04	DOY=131	S14E35	Pitch=+188", Yaw=+533", Roll=0deg	H. Ang=36deg	
Optical	End times	SMM Pointing:			
GOES 05:48	06:04	Importance=C1	FePeak.c/s=19	#Peaks=1	XEN=513100
BCS 06:03	06:15	CaPeak.c/s=59			
Event # = 7764		85/05/12		DOY=132	
85/05/12, 18:30	DOY=132	S13E17	Pitch=+168", Yaw=+269", Roll=0deg	H. Ang=19deg	
Optical	End times	SMM Pointing:			
GOES 18:12	18:30	Ha...Class=SB	Mac.=DKI	Carr. Lon.=2deg	H. Ang=16deg
HXRBS 18:23:23	18:24:39	Importance=C1	MaxkeV=50		
BCS 18:24	18:26	Peak...c/s=70	FePeak.c/s=10	#Peaks=1	XEN=513200
Radio	Frequency(MHz)/Flux(sfu):	CaPeak.c/s=40	dt= 7.7s		
		245/90 410/140 606/25 1415/13			
Event # = 7765		85/05/13		DOY=133	
85/05/13, 05:18	DOY=133	S13E11	Pitch=+168", Yaw=+177", Roll=0deg	H. Ang=15deg	
Optical	End times	SMM Pointing:			
GOES 05:13	05:18	Importance=B9	MaxkeV=50		
HXRBS 05:16:53	05:18:33	Peak...c/s=71	Tot Cts=992		
Event # = 20604		85/05/13		DOY=133	
85/05/13, 08:23	DOY=133	S13E09	Pitch=+168", Yaw=+149", Roll=0deg	H. Ang=14deg	
Optical	End times	SMM Pointing:			
GOES 07:50	08:23	Ha...Class=SF	Mac.=DHI	Carr. Lon.=1deg	H. Ang=11deg
BCS 08:27	08:27	Importance=C1	FePeak.c/s=8	#Peaks=1	XEN=513300
		CaPeak.c/s=29			
Event # = 21117		85/05/13		DOY=133	
85/05/13, 10:00	DOY=133	S13E08	Pitch=+136", Yaw=-168", Roll=90deg	H. Ang=13deg	
Optical	End times	SMM Pointing:			
GOES 09:54	10:00	Importance=C5	FePeak.c/s=12	#Peaks=1	XEN=513303
BCS 10:05	10:05	CaPeak.c/s=111			
Event # = 8390		85/05/13		DOY=133	
85/05/13, 18:26	DOY=133	S13E04	Pitch=+170", Yaw=+67", Roll=0deg	H. Ang=11deg	
Optical	End times	SMM Pointing:			
GOES 18:18	18:26	Ha...Class=SB	Mac.=DHI	Carr. Lon.=2deg	H. Ang=11deg
HXRBS 18:19:30	18:22:06	Importance=C2	MaxkeV=113	Flags=I	XEN=513305
BCS 18:23	18:29	Peak...c/s=223	FePeak.c/s=23	#Peaks=1	
Radio	Frequency(MHz)/Flux(sfu):	CaPeak.c/s=126	dt= 3.8s		
		1415/57 2695/25 4995/27 8800/27 15400/35			

Event # = 7768				S13E02				Pitch=+168",Yaw=+29",Roll=0deg		H.Ang=10deg		
85/05/13,22:19	DOY=133			SMM Pointing:								
Start	Peak	End times										
GOES 22:14	22:19	22:41	Importance=B5									
HXRBS 22:20:10	22:21:30	22:23:20	Peak...c/s=75	Tot Cts=1393		MaxkeV=50						
	85/05/14			DOY=134								
Event # = 8391				S13E01				Pitch=+168",Yaw=+9",Roll=0deg		H.Ang=10deg		
85/05/14,00:15	DOY=134			SMM Pointing:								
Start	Peak	End times										
GOES 00:06	00:15	00:22	Importance=C1									
HXRBS 00:10:40	00:11:13	00:12:04	Peak...c/s=71	Tot Cts=683		MaxkeV=50		Flags=1				
BCS 00:12	00:26	00:39	CaPeak.c/s=72	FePeak=00:26		FePeak.c/s=18		#Peaks=2		dt= 3.8s XEN=513400		
Event # = 8392				S13E01				Pitch=+168",Yaw=+9",Roll=0deg		H.Ang=10deg		
85/05/14,00:26	DOY=134			SMM Pointing:								
Start	Peak	End times										
Optical												
GOES 00:22	00:26	00:53	Ha...Class=SF			AR4652		Carr. Lon.=0deg		H.Ang=12deg		
HXRBS 00:24:16	00:25:16	00:26:18	Importance=C2					MaxkeV=50		Flags=1		
Radio Sweeps	Type/Intensity:			11/2		Tot Cts=1090						
Event # = 7769				S13W06				Pitch=+168",Yaw=-90",Roll=0deg		H.Ang=12deg		
85/05/14,11:24	DOY=134			SMM Pointing:								
Start	Peak	End times										
GOES 11:23	11:24	11:30	Importance=B1					MaxkeV=50				
HXRBS 11:24:40	11:24:58	11:25:23	Peak...c/s=72			Tot Cts=375						
Event # = 7770				S13W08				Pitch=+170",Yaw=-130",Roll=0deg		H.Ang=13deg		
85/05/14,15:56	DOY=134			SMM Pointing:								
Start	Peak	End times										
GOES 15:56:29	15:56:33	15:56:41	Peak...c/s=76			MaxkeV=50						
HXRBS 15:56:29	15:56:33	15:56:41										
Event # = 8480				N05E86				Pitch=-83",Yaw=+945",Roll=0deg		H.Ang=87deg		
85/05/17,17:33	DOY=137			SMM Pointing:								
Start	Peak	End times										
GOES 17:32:41	17:33:09	17:33:25	Peak...c/s=107			Tot Cts=1070		MaxkeV=229		Flags=1		
HXRBS 17:32	17:33	17:32	Wave length=1375A			Exp #=30744		Rast=265" x265"		Step=5" Pitch=-79",Yaw=+954"		
UVSP 17:32	85/05/17			DOY=137								
Event # = 7775				N06E51				Pitch=-121",Yaw=+734",Roll=0deg		H.Ang=52deg		
85/05/19,15:37	DOY=139			SMM Pointing:								
Start	Peak	End times										
GOES 15:23	15:37	16:21	Importance=B9			Qual=00		MaxkeV=50		dt= 7.7s XEN=513900		
HXRBS 15:27:54	15:28:44	15:30:52	Peak...c/s=94			Qual=01		FePeak.c/s=13		#Peaks=1		
BCS 15:30	15:36	15:43	CaPeak.c/s=32			Qual= 1		Rast=0" x0"		Step=0" Cad=16.4s		
FCS 15:38	15:38	15:38	Peak3...c/s=37			245/220		1415/17		2695/12		
Radio	Frequency(MHz)/Flux(sfu):											

Event # = 7777
 85/05/19, 17:37 DOY=139 SMM Pointing: N06E50 Pitch=-122", Yaw=+724", Roll=0deg H.Ang=51deg
 Start 17:37 Peak 17:49 End times
 GOES 17:31:12 17:33:01 17:35:53 Importance=C2 Qual=03
 HXRBS 17:31:12 17:33:01 17:35:53 Peak...c/s=149 Qual=01 Tot Cts=7588
 BCS 17:31 17:38 17:38 CaPeak.c/s=54 Qual=3 FePeak=17:38
 FCS 17:37 17:37 17:37 Peak3...c/s=114 Associated Event # = 7776
 HXRBS 17:17:46 17:19:07 17:19:27 Peak...c/s=80 Qual=01 MaxkeV=50
 FePeak.c/s=10 #Peaks=1 dt= 3.8s XEN=513902
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
 MaxkeV=50

85/05/21 DOY=141
 Event # = 7795
 85/05/21, 04:21 DOY=141 SMM Pointing: N06E31 Pitch=-129", Yaw=+486", Roll=0deg H.Ang=32deg
 Start 04:21 Peak 04:34 End times
 Optical
 GOES 04:09 04:21 04:34 Ha...Class=1N AR4656
 HXRBS 04:11:01 04:11:32 04:14:56 Importance=C2 Qual=05
 Radio Sweeps Type/Intensity: III/2 Qual=01 Tot Cts=4685
 Radio Frequency (MHz)/Flux(sfu): 245/180 410/49 1415/19 2695/38 4995/14
 MaxkeV=50 Carr. Lon.=239deg
 Mac.=DAI

Event # = 7854
 85/05/21, 09:55 DOY=141 SMM Pointing: N06E27 Pitch=-130", Yaw=+435", Roll=0deg H.Ang=29deg
 Start 09:55 Peak 10:05 End times
 Optical
 GOES 09:50 09:55 10:05 Ha...Class=SB AR4656
 HXRBS 09:53:16 09:54:18 09:55:13 Importance=C4 Qual=01
 BCS 09:53 09:54 10:00 Peak...c/s=1132 Qual=01 Tot Cts=33900
 FCS 09:57 09:57 09:57 CaPeak.c/s=521 Qual=1 FePeak=09:54
 Radio Sweeps Type/Intensity: I/I
 Radio Frequency (MHz)/Flux(sfu): 245/2200 410/140 606/63 1415/82 2695/38 4995/100 8800/110
 MaxkeV=281 Flags=I
 FePeak.c/s=154 #Peaks=1 XEN=514100

Event # = 12739
 85/06/01, 11:58 DOY=152 SMM Pointing: S24W20 Pitch=+375", Yaw=-303", Roll=0deg H.Ang=31deg
 Start 11:58:09 11:58:10 11:58:15 Peak...c/s=68 Qual=01 Tot Cts=23
 HXRBS 11:58:09 11:58:10 11:58:15 MaxkeV=420 Flags=NS,GB

Event # = 21119
 85/06/17, 00:17 DOY=168 SMM Pointing: S01W60 Pitch=+26", Yaw=-821", Roll=0deg H.Ang=60deg
 Start 00:17 Peak 00:45 End times
 GOES 00:08 00:17 00:45 Importance=C2 Qual=01
 BCS 00:13 00:18 00:26 CaPeak.c/s=161 Qual=1 FePeak=00:18
 FCS 00:18 00:18 00:18 Peak3...c/s=740

Event # = 7877
 85/06/17, 12:13 DOY=168 SMM Pointing: S01W66 Pitch=-25", Yaw=-865", Roll=0deg H.Ang=66deg
 Start 12:13 Peak 12:20 End times
 Optical
 GOES 11:59 12:13 12:20 Ha...Class=SN AR4663
 HXRBS 12:05:58 12:06:22 12:08:26 Importance=C3 Qual=03
 BCS 12:06 12:09 12:09 Peak...c/s=85 Qual=01 Tot Cts=558
 FCS 12:08 12:08 12:08 CaPeak.c/s=95 Qual=2 FePeak=12:09
 HXRBS 12:09:47 12:10:00 12:10:15 Peak...c/s=67 Associated Event # = 7878
 Qual=01 Tot Cts=198
 Mac.=HSX Carr. Lon.=331deg H.Ang=70deg
 MaxkeV=50
 FePeak.c/s=25 #Peaks=1 dt= 3.8s XEN=516802
 Rast=0"x0" Step=0" Cad= 768s 768.0s/pixel
 MaxkeV=71

Event # = 12740		85/06/18 DOY=169										
85/06/18, 08:06	DOY=169	SMM Pointing:		Pitch=+22", Yaw=-926", Roll=0deg		H. Ang=78deg						
Start	Peak	End times		MaxkeV=180		Flags=NS,GB						
HRBS 08:06:23	08:06:26	08:06:31	Peak...c/s=75	Qual=01	Tot Cts=74							
Event # = 21120		85/06/29 DOY=180										
85/06/29, 23:33	DOY=180	Importance=C2		Qual=05		FePeak.c/s=20		#Peaks=1		XEN=518000		
Start	Peak	CaPeak.c/s=66		Qual=5		Rast=0"x0"		Step=0"		Cad= 129s		
GOES 23:15	23:36	00:23	Peak3..c/s=480	FePeak=23:35								
BGS 23:35	23:47											
FCS 23:47												
Event # = 20524		85/06/30 DOY=181										
85/06/30, 00:20	DOY=181	SMM Pointing:		Pitch=+172", Yaw=+783", Roll=0deg		H. Ang=58deg						
Start	Peak	End times		Mac.=CA0		Carr. Lon.=359deg		H. Ang=85deg				
GOES 00:20	Extrap St=06/29, 23:27	PA=95deg	Qual=00	MaxkeV=50		Flags=I						
C/P	Big loop, diffuse central blob											
Event # = 8485		85/06/30 DOY=181										
85/06/30, 23:30	DOY=181	SMM Pointing:		Pitch=+172", Yaw=+783", Roll=0deg		H. Ang=58deg						
Start	Peak	End times		Carr. Lon.=359deg		H. Ang=85deg						
Optical												
GOES 23:23	23:30	23:40	Ha...Class=SF	Qual=01		Flags=I						
HRBS 23:26:46	23:26:58	23:28:00	Importance=86	Qual=01								
			Peak...c/s=65	Tot Cts=616								
Event # = 21121		85/07/02 DOY=183										
85/07/02, 11:38	DOY=183	SMM Pointing:		Pitch=+263", Yaw=+830", Roll=0deg		H. Ang=67deg						
Start	Peak	End times		Mac.=DA0		Carr. Lon.=359deg		H. Ang=66deg				
Optical												
GOES 11:05	11:38	11:54	Ha...Class=SN	Qual=05		dt= 7.7s		XEN=518300				
BGS 11:41	11:41	11:54	Importance=C2	Qual=5		Step=10"		Cad= 590s				
FCS 11:41	11:51		CaPeak.c/s=42	FePeak=11:41								
			Peak3..c/s=152									
Event # = 7893		85/07/02, 21:28										
85/07/02, 21:28	DOY=183	SMM Pointing:		Pitch=+269", Yaw=+786", Roll=0deg		H. Ang=61deg						
Start	Peak	End times		Mac.=DA0		Carr. Lon.=1deg		H. Ang=58deg				
Optical												
GOES 21:03	21:28	21:50	Ha...Class=2B	Qual=01		Flags=M5,DG		XEN=518303				
HRBS 21:13:18	21:20:30	21:44:26	Importance=M5	Qual=11		dt= 7.7s		Cad= 516s				
BGS 21:07	21:24	21:44	Peak...c/s=7179	Qual=1		Step=0"						
FCS 21:41	21:41		CaPeak.c/s=3273	Qual=1								
			Peak3..c/s=2310	FePeak=21:23								
Radio Sweeps	Type/Intensity:	11/3 111/3 IV/3		245/250 410/62 606/160 1415/270 2695/190 4995/690 8800/1500 15400/1400								
Radio Frequency(MHz)/Flux(sfu):												
Event # = 21122		85/07/02, 22:21										
85/07/02, 22:21	DOY=183	SMM Pointing:		Pitch=+269", Yaw=+786", Roll=0deg		H. Ang=61deg						
Start	Peak	End times		Mac.=DA0		Carr. Lon.=1deg		H. Ang=58deg				
GOES 22:21	22:21	23:18	Ha...Class=2B	Qual=00		Flags=M5,DG		XEN=518304				
BGS 22:21	22:21	22:30	Importance=C2	Qual=5		dt= 7.7s		Cad= 590s				
FCS 22:21	22:30		CaPeak.c/s=294	FePeak=22:21								
			Peak3..c/s=2084	Rast=240"x240"		Step=10"						

Event # = 7894		85/07/03		DOY=184	
85/07/03, 23:06	Start	DOY=184	Peak	S14E44	Pitch=+264", Yaw=+640", Roll=0deg
SMM Pointing:		End times		H. Ang=47deg	
GOES				Qual=00	
HXRBS	23:06:08	23:06:22	23:06:49	Qual=01	MaxKeV=50
Peak...c/s=91		Tot Cts=495			
Event # = 21123		85/07/04		DOY=185	
85/07/04, 12:24	Start	DOY=185	Peak	S14E38	Pitch=+269", Yaw=+565", Roll=0deg
SMM Pointing:		End times		H. Ang=41deg	
Optical				S18E39	Mac.=DSO
GOES	12:05	12:24	12:43	Qual=01	Carr. Lon.=357deg
BCS	12:15	12:23	12:32	Qual=1	#Peaks=1
FCS	12:30	12:30	12:30	FePeak=12:23	dt= 7.7s
Peak3...c/s=125		FePeak=12:23		XEN=518500	
Event # = 21124		85/07/05		DOY=186	
85/07/05, 23:01	Start	DOY=186	Peak	S15E19	Pitch=+295", Yaw=+291", Roll=0deg
SMM Pointing:		End times		H. Ang=26deg	
Optical				S11E19	Mac.=DSI
GOES	22:51	23:01	23:13	Qual=01	Carr. Lon.=358deg
BCS	22:56	22:59	23:06	Qual=1	#Peaks=1
FCS	22:56	22:56	22:56	FePeak=22:59	dt= 7.7s
Peak3...c/s=36		FePeak=22:59		XEN=518600	
Event # = 21125		85/07/06		DOY=187	
85/07/06, 02:48	Start	DOY=187	Peak	S15E17	Pitch=+296", Yaw=+264", Roll=0deg
SMM Pointing:		End times		H. Ang=25deg	
Optical				S11E16	Mac.=DSI
GOES	02:35	02:48	03:22	Qual=03	Carr. Lon.=359deg
BCS	02:39	02:43	02:47	Qual=3	#Peaks=1
FCS	02:43	02:43	02:43	FePeak=02:43	dt= 7.7s
Peak3...c/s=150		FePeak=02:43		XEN=518700	
Event # = 7900		85/07/06, 19:25		DOY=187	
85/07/06, 19:25	Start	DOY=187	Peak	S16E08	Pitch=+314", Yaw=+123", Roll=0deg
SMM Pointing:		End times		H. Ang=21deg	
Optical				S19E09	Mac.=CKI
GOES	19:20	19:25	19:37	Qual=01	Carr. Lon.=356deg
HXRBS	19:22:31	19:23:06	19:23:39	Qual=01	MaxKeV=50
BCS	19:22	19:24	19:27	Qual=1	FePeak.c/s=12
FCS	19:23	19:23	19:23	FePeak=19:24	#Peaks=1
Peak3...c/s=82		FePeak=19:24		XEN=518701	
Event # = 21126		85/07/06, 22:40		DOY=187	
85/07/06, 22:40	Start	DOY=187	Peak	S16E06	Pitch=+314", Yaw=+98", Roll=0deg
SMM Pointing:		End times		H. Ang=20deg	
Optical				Qual=03	
GOES	22:31	22:40	22:46	Qual=1	FePeak=22:38
BCS	22:38	22:38	22:39	Qual=1	#Peaks=1
Peak3...c/s=138		FePeak=22:38		XEN=518702	
Event # = 7901		85/07/06, 23:06		DOY=187	
85/07/06, 23:06	Start	DOY=187	Peak	S16E06	Pitch=+314", Yaw=+98", Roll=0deg
SMM Pointing:		End times		H. Ang=20deg	
Optical				Qual=01	
GOES	22:56	23:06	23:08	Qual=01	MaxKeV=50
HXRBS	23:03:09	23:03:20	23:03:39	Qual=01	
Peak...c/s=138		FePeak=23:03:39			

Event # = 21127	DOY=187	SMM Pointing:	S16E06	Pitch=+315",Yaw=+88",Roll=0deg	H.Ang=20deg
85/07/06,23:10	Peak	Importance=89	Qual=01		
GOES 23:09	23:10	CaPeak.c/s=22	Qual= 1	FePeak=23:11	XEN=518703
BCS 23:10	23:11	Peak3..c/s=179		Rast=0"x0"	768.0s/pixel
FCS 23:11	23:11			#Peaks=1 dt= 7.7s	
				Step=0"	Cad= 768s
<hr/>					
Event # = 7902	DOY=188	SMM Pointing:	S16E06	Pitch=+315",Yaw=+88",Roll=0deg	H.Ang=20deg
85/07/07,00:12	Peak	Ha...Class=SF	AR4672	Mac.=DKI Carr.Lon.=358deg	H.Ang=20deg
Optical 00:08	00:12	Importance=C1			
GOES 00:11:10	00:12:44	Peak...c/s=143	Tot Cts=1509	MaxkeV=50	XEN=518802
HXRBS 00:11:10	00:12:44	CaPeak.c/s=67	FePeak=00:12	FePeak.c/s=13 #Peaks=1 dt= 3.8s	
BCS 00:11	00:14				
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Event # = 7903	DOY=188	SMM Pointing:	S16E05	Pitch=+315",Yaw=+78",Roll=0deg	H.Ang=20deg
85/07/07,00:43	Peak	Ha...Class=SF	AR4672	Mac.=DKI Carr.Lon.=358deg	H.Ang=24deg
Optical 00:38	00:43	Importance=B6			
GOES 00:40:22	00:41:07	Peak...c/s=93	FePeak=00:41	MaxkeV=50	XEN=518803
HXRBS 00:40:22	00:41:07	CaPeak.c/s=19		FePeak.c/s=9 #Peaks=1	
BCS 00:41	00:42				
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Event # = 7904	DOY=188	SMM Pointing:	S16E02	Pitch=+314",Yaw=+36",Roll=0deg	H.Ang=20deg
85/07/07,05:28	Peak	Ha...Class=SN	AR4671	Mac.=DAO Carr.Lon.=360deg	H.Ang=17deg
Optical 05:23	05:28	Importance=C3			
GOES 05:26:28	05:27:38	Peak...c/s=72	FePeak=05:27	MaxkeV=50	XEN=518800
HXRBS 05:26:28	05:28	CaPeak.c/s=155		FePeak.c/s=32 #Peaks=1	
BCS 05:26	05:31	Peak3..c/s=630			
FCS 05:29	05:29				
<hr/>					
Event # = 21128	DOY=188	SMM Pointing:	S16W05	Pitch=+314",Yaw=-81",Roll=0deg	H.Ang=20deg
85/07/07,18:47	Peak	Importance=88	Qual=05		
GOES 18:43	18:47	CaPeak.c/s=18	Qual= 1	FePeak=18:45	XEN=518804
BCS 18:45	18:45				
<hr/>					
Event # = 21129	DOY=188	SMM Pointing:	S16W05	Pitch=+314",Yaw=-81",Roll=0deg	H.Ang=20deg
85/07/07,19:10	Peak	Importance=89	Qual=01		
GOES 19:00	19:10	CaPeak.c/s=27	Qual= 1	FePeak=19:16	XEN=518806
BCS 19:04	19:06	Peak3..c/s=127		Rast=0"x0"	768.0s/pixel
FCS 19:05	19:05			#Peaks=1	Cad= 768s
<hr/>					
Event # = 21130	DOY=188	SMM Pointing:	S16W05	Pitch=+314",Yaw=-81",Roll=0deg	H.Ang=20deg
85/07/07,19:37	Peak	Importance=C1	Qual=03		
GOES 19:31	19:37	CaPeak.c/s=33	Qual= 1	FePeak=19:36	XEN=518811
BCS 19:32	19:36	Peak3..c/s=133		Rast=0"x0"	768.0s/pixel
FCS 19:34	19:34			#Peaks=1 dt= 7.7s	
				Step=0"	Cad= 768s

Event # = 8486	DOY=188			S16W06			Pitch=+316", Yaw=-95", Roll=0deg			H. Ang=20deg		
85/07/07, 20:27	Start	End times										
GOES	20:24	20:47	Importance=C3	Qual=01								
HXRBS	20:26:14	20:27:16	Peak...c/s=488	Qual=01								
BCS	20:18	20:32	CaPeak.c/s=153	Qual=1								
FCS	20:31	20:32	Peak3...c/s=693									
Radio Sweeps												
	Type/Intensity:			V/1			MaxkeV=113			Flags=I		
	DOY=188			Tot Cts=5710			FePeak.c/s=39			dt= 7.7s		
	Peak			FePeak=20:27			Rast=0"x0"			Step=0" Cad= 768s		
SMM Pointing:												
Importance=C1												
CaPeak.c/s=24												
Peak3...c/s=24												
FePeak.c/s=12 #Peaks=1												
H. Ang=20deg												
Event # = 21131												
85/07/07, 20:57	Start	End times										
GOES	20:53	21:08	Importance=C1	Qual=01								
BCS	20:58	20:59	CaPeak.c/s=24	Qual=5								
SMM Pointing:												
Importance=C1												
CaPeak.c/s=24												
Peak3...c/s=24												
FePeak.c/s=12 #Peaks=1												
H. Ang=20deg												
Event # = 7905												
85/07/07, 22:28	Start	End times										
GOES	22:23	22:46	Importance=C1	Qual=01								
HXRBS	22:24:46	22:26:07	Peak...c/s=95	Qual=01								
SMM Pointing:												
Importance=C1												
CaPeak.c/s=24												
Peak3...c/s=24												
FePeak.c/s=12 #Peaks=1												
H. Ang=69deg												
Event # = 21132												
85/07/08, 02:36	Start	End times										
GOES	02:35	02:38	Importance=C1	Qual=06								
BCS	02:36	02:38	CaPeak.c/s=28	Qual=5								
FCS	02:35	02:35	Peak3...c/s=35									
SMM Pointing:												
Importance=C1												
CaPeak.c/s=30												
Peak3...c/s=14												
FePeak.c/s=10 #Peaks=1												
Rast=0"x0" Cad=3840s												
H. Ang=22deg												
Event # = 21133												
85/07/08, 04:08	Start	End times										
GOES	03:57	04:40	Importance=C1	Qual=05								
BCS	04:11	04:15	CaPeak.c/s=30	Qual=5								
FCS	04:12	04:12	Peak3...c/s=14									
SMM Pointing:												
Importance=C1												
CaPeak.c/s=30												
Peak3...c/s=14												
FePeak.c/s=10 #Peaks=1												
Rast=0"x0" Cad=3840s												
H. Ang=22deg												
Event # = 21134												
85/07/08, 06:05	Start	End times										
Optical												
GOES	05:44	06:05	Ha...Class=SF	S16W11								
BCS	06:01	06:05	Importance=B8	S14W13								
FCS	06:01	06:07	CaPeak.c/s=25	Qual=04								
			Peak3...c/s=302	Qual=1								
SMM Pointing:												
Importance=B8												
CaPeak.c/s=25												
Peak3...c/s=302												
FePeak.c/s=8 #Peaks=1												
Rast=0"x0" Cad= 768s												
H. Ang=22deg												
Event # = 21135												
85/07/08, 09:58	Start	End times										
Optical												
GOES	09:41	10:25	Ha...Class=SN	S16W13								
BCS	09:44	09:49	Importance=C5	S15W14								
FCS	09:48	09:48	CaPeak.c/s=44	Qual=02								
			Peak3...c/s=302	Qual=3								
SMM Pointing:												
Importance=C5												
CaPeak.c/s=44												
Peak3...c/s=302												
FePeak.c/s=9 #Peaks=1												
Rast=0"x0" Cad= 768s												
H. Ang=23deg												

Event # = 7912		SMM Pointing:		S16W15	Pitch=-230", Yaw=-315", Roll=90deg		H. Ang=24deg
85/07/08, 12:15	DOY=189	End times					
Start	Peak	12:20	Importance=87	Qual=01			
GOES 12:10	12:15	12:15:05	Peak...c/s=68	Qual=01	MaxkeV=50		
HXRBS 12:14:59	12:15	12:16	CaPeak.c/s=27	Qual=1	FePeak.c/s=11 #Peaks=1		
BCS 12:15	12:16		Peak3...c/s=136		Rast=0"x0" Cad= 768s XEN=518906		
FCS 12:16					768.0s/pixel		
Event # = 21136		SMM Pointing:		S16W15	Pitch=-230", Yaw=-315", Roll=90deg		H. Ang=24deg
85/07/08, 13:08	DOY=189	End times					
Start	Peak	13:10	Importance=87	Qual=02			
GOES 12:54	13:08	12:56	CaPeak.c/s=20	Qual=3	FePeak=12:55		
BCS 12:55	12:55				FePeak.c/s=5 #Peaks=1		
					XEN=518907		
Event # = 21137		SMM Pointing:		S16W15	Pitch=+314", Yaw=-242", Roll=0deg		H. Ang=25deg
85/07/08, 13:51	DOY=189	End times					
Start	Peak	14:05	Importance=89	Qual=01			
GOES 13:40	13:51	13:52	CaPeak.c/s=25	Qual=1	FePeak=13:52		
BCS 13:49	13:50				FePeak.c/s=11 #Peaks=1 dt= 7.7s		
					XEN=518908		
Event # = 21138		SMM Pointing:		S16W16	Pitch=+314", Yaw=-255", Roll=0deg		H. Ang=25deg
85/07/08, 15:16	DOY=189	End times					
Start	Peak	15:28	Importance=C1	Qual=04			
GOES 15:05	15:16	15:18	CaPeak.c/s=24	Qual=1	FePeak=15:15		
BCS 15:15	15:16		Peak3...c/s=156		Rast=180"x180" Step=10" Cad= 332s		
FCS 15:15	15:15				XEN=518910		
					1.024s/pixel		
Event # = 21139		SMM Pointing:		S16W16	Pitch=+314", Yaw=-255", Roll=0deg		H. Ang=25deg
85/07/08, 15:45	DOY=189	End times					
Start	Peak	15:51	Importance=C1	Qual=01			
GOES 15:30	15:45	15:46	CaPeak.c/s=21	Qual=1	FePeak=15:46		
BCS 15:45	15:46		Peak3...c/s=185		Rast=0"x0" Step=0" Cad= 129s		
FCS 15:46	15:46				XEN=518911		
					129.0s/pixel		
Event # = 7914		SMM Pointing:		S16W16	Pitch=+314", Yaw=-255", Roll=0deg		H. Ang=25deg
85/07/08, 16:04	DOY=189	End times					
Start	Peak	16:15	Importance=C3	Qual=03			
GOES 15:50	16:04	16:06:50	Peak...c/s=192	Qual=01	Tot Cts=2206		
HXRBS 16:05:07	16:05:39	16:07	CaPeak.c/s=161	Qual=1	FePeak.c/s=42 #Peaks=2 dt= 3.8s		
BCS 15:58	16:05		Peak3...c/s=310		Rast=300"x300" Step=10" Cad= 922s		
FCS 16:01	16:01				XEN=518913		
					1.024s/pixel		
Event # = 21140		SMM Pointing:		S16W17	Pitch=+315", Yaw=-269", Roll=0deg		H. Ang=26deg
85/07/08, 17:36	DOY=189	End times					
Start	Peak	17:53	Importance=B8	Qual=03			
GOES 17:20	17:36	17:39	CaPeak.c/s=24	Qual=1	FePeak=17:37		
BCS 17:37	17:37		Peak3...c/s=24		Rast=300"x300" Step=10" Cad= 922s		
FCS 17:37	17:37				XEN=518914		
					1.024s/pixel		

Event # = 21141									
85/07/08, 18:16	DOY=189	SMM Pointing:	S16W17	Pitch=+315", Yaw=-269", Roll=0deg	H. Ang=26deg				
Start	Peak	Importance=B9	Qual=05	FePeak.c/s=6	#Peaks=1				
GOES 18:10	18:16	CaPeak.c/s=20	Qual=1	Rast=0"x0"	Step=0"	Cad=3840s	XEN=518915		
BCS 18:19	18:19	Peak3...c/s=18					3840s/pixel		
FCS									
Event # = 21142									
85/07/08, 18:34	DOY=189	SMM Pointing:	S16W18	Pitch=+315", Yaw=-279", Roll=0deg	H. Ang=26deg				
Start	Peak	Importance=B7	Qual=01	FePeak.c/s=10	#Peaks=1				
GOES 18:31	18:34	CaPeak.c/s=18	Qual=1	Rast=0"x0"	Step=0"	Cad=768s	XEN=518917		
BCS 18:36	18:36	Peak3...c/s=158					768.0s/pixel		
FCS									
Event # = 21143									
85/07/08, 21:57	DOY=189	SMM Pointing:	S16W20	Pitch=+313", Yaw=-310", Roll=0deg	H. Ang=28deg				
Start	Peak	Importance=B7	Qual=01	FePeak.c/s=10	#Peaks=1				
GOES 21:53	22:05	CaPeak.c/s=21	Qual=1	Rast=0"x0"	Step=0"	Cad=768s	XEN=518918		
BCS 21:56	21:56	Peak3...c/s=72				Pitch=+317", Yaw=-305"	768.0s/pixel		
FCS	21:56								
UVSP									
Event # = 7915									
85/07/08, 23:22	DOY=189	SMM Pointing:		Pitch=-247", Yaw=+974", Roll=0deg					
Start	Peak	Ha...Class=SF	S16W21	Mac.=DKC	Carr.Lon.=358deg	H. Ang=29deg			
Optical		Importance=B8	Qual=01	MaxkeV=50					
GOES 23:19	23:22	Peak...c/s=88	Qual=01						
BCS 23:21	23:22	245/22							
HRBS 23:21	23:22								
Radio	23:22								
Frequency (MHz)/Flux(sfu):	23:22:19								
Event # = 21144									
85/07/09, 01:17	DOY=190	SMM Pointing:	S16W21	Pitch=+314", Yaw=-333", Roll=0deg	H. Ang=29deg				
Start	Peak	Importance=B7	Qual=01	FePeak.c/s=9	#Peaks=1				
GOES 01:15	01:17	CaPeak.c/s=21	Qual=1	Rast=0"x0"	Step=0"	Cad=129s	XEN=519000		
BCS 01:17	01:17	Peak3...c/s=306					129.0s/pixel		
FCS	01:17								
Event # = 21145									
85/07/09, 02:04	DOY=190	SMM Pointing:	S16W21	Pitch=+314", Yaw=-333", Roll=0deg	H. Ang=29deg				
Start	Peak	Ha...Class=IB	S16W22	Mac.=DKI	Carr.Lon.=357deg	H. Ang=29deg			
Optical		Ha...Class=SN	S05W40		Carr.Lon.=15deg	H. Ang=41deg			
Optical		Importance=M3	Qual=05						
GOES 01:26	02:04	CaPeak.c/s=677	Qual=1	FePeak.c/s=48	#Peaks=2	XEN=519002			
BCS 02:10	02:10	Peak3...c/s=2435		Rast=180"x180"	Step=10"	Cad=332s	1.024s/pixel		
FCS	02:15								
Radio Sweeps	Type/Intensity:	II/3 III/3 IV/3							
Radio	Frequency (MHz)/Flux(sfu):	1415/340 2695/360 4995/270 8800/250 15400/110							
BCS 01:31	01:32	Associated Event # = 21146							
FCS	01:31	CaPeak.c/s=30	Qual=1	FePeak.c/s=10	#Peaks=1	XEN=519001			
	01:31	Peak3...c/s=14		Rast=300"x300"	Step=10"	Cad=922s	1.024s/pixel		

Event # = 22604	DOY=190	End times	Qual=00					
85/07/09, 02:24	Peak		Loop balloons on way out					
G0ES								
C/P	02:24	Extrap	St=07/09,01:54	PA=265deg				
Event # = 21147	DOY=190	End times	S16W23		Pitch=+313", Yaw=-359", Roll=0deg		H. Ang=30deg	
85/07/09, 03:49	Peak							
G0ES			Qual=00					
BCS	03:49	04:00	CaPeak.c/s=22		dt= 7.7s		XEN=519013	
FCS	03:50		Peak3..c/s=90		Step=10"		Cad= 332s	
Event # = 21148	DOY=190	End times	S16W23		Pitch=+313", Yaw=-359", Roll=0deg		H. Ang=30deg	
85/07/09, 04:27	Peak							
G0ES			Qual=01					
BCS	04:25	04:40	Importance=C1					
FCS	04:26	04:30	CaPeak.c/s=26		dt= 7.7s		XEN=519009	
			Peak3..c/s=162		Step=0"		Cad= 129s	
Event # = 7917	DOY=190	End times	S16W25		Pitch=+312", Yaw=-391", Roll=0deg		H. Ang=32deg	
85/07/09, 08:47	Peak							
G0ES			Qual=01					
BCS	08:45	08:51	Importance=B7					
HXRBS	08:45:24	08:45:48	Peak...c/s=83					
Event # = 21149	DOY=190	End times	S16W28		Pitch=+311", Yaw=-421", Roll=0deg		H. Ang=34deg	
85/07/09, 11:38	Peak							
G0ES			Qual=04					
BCS	11:33	11:53	Importance=B5					
FCS	11:36	11:38	CaPeak.c/s=21		dt= 7.7s		XEN=519010	
			Peak3..c/s=11		Step=0"		Cad=3840s	
Event # = 7918	DOY=190	End times	S17W29		Pitch=+328", Yaw=-441", Roll=0deg		H. Ang=36deg	
85/07/09, 15:45	Peak							
G0ES			Qual=02					
HXRBS	15:42	15:52	Importance=B5					
UVSP	15:41:51	15:42:08	Peak...c/s=74					
			Wavelength=2788A					
			Code=00					
Event # = 7919	DOY=190	End times	S17W30		Pitch=+327", Yaw=-453", Roll=0deg		H. Ang=36deg	
85/07/09, 16:52	Peak							
Optical			S18W33					
G0ES	16:42	16:59	Qual=01					
HXRBS	16:46:07	16:48:31	CaPeak.c/s=249					
UVSP	16:46	16:51:42	Peak...c/s=249					
			Wavelength=2788A					
			Code=01					
Event # = 21150	DOY=190	End times	S17W31		Pitch=+326", Yaw=-468", Roll=0deg		H. Ang=37deg	
85/07/09, 18:27	Peak							
G0ES			Qual=01					
BCS	18:24	18:44	Importance=B5					
FCS	18:26	18:27	CaPeak.c/s=20					
UVSP	18:22	18:27	Peak3..c/s=106					
			Wavelength=2788A					
			Code=00					

85/07/10 DOY=191

Event # = 7920	DOY=191	SMM Pointing:	Pitch=-233", Yaw=+972", Roll=0deg						
85/07/10, 00:31	Peak	End times							
GOES 00:30	00:31	00:33							
HXRBS 00:30:50	00:31:00	00:31:21	Qual=01						
			Qual=01						
Event # = 21151	DOY=191	SMM Pointing:	Pitch=+322", Yaw=-554", Roll=0deg						
85/07/10, 05:50	Peak	End times							
GOES 05:40	05:50	05:51	S17W38						
BCS 05:49	05:49		Qual=00						
FCS			Qual= 2	FePeak=05:50					
			CaPeak.c/s=27						
			Peak3..c/s=57						
Event # = 21152	DOY=191	SMM Pointing:	Pitch=+322", Yaw=-554", Roll=0deg						
85/07/10, 06:37	Peak	End times							
GOES 06:34	06:37	07:26	S17W38						
BCS 06:55	06:55		Qual=00						
FCS			Qual= 1	FePeak=06:37					
			CaPeak.c/s=40						
			Peak3..c/s=195						
Event # = 21153	DOY=191	SMM Pointing:	Pitch=+321", Yaw=-565", Roll=0deg						
85/07/10, 08:10	Peak	End times							
GOES 08:09	08:10	08:19	S17W39						
BCS 08:10	08:10		Qual=00						
FCS			Qual= 1	FePeak=08:10					
			CaPeak.c/s=20						
			Peak3..c/s=103						
Event # = 21154	DOY=191	SMM Pointing:	Pitch=+321", Yaw=-565", Roll=0deg						
85/07/10, 08:46	Peak	End times							
GOES 08:40	08:46	08:58	S17W39						
BCS 08:43	08:46	08:48	Qual=01						
FCS	08:47		Qual= 1	FePeak=08:46					
			Importance=C2						
			CaPeak.c/s=23						
			Peak3..c/s=103						
Event # = 7921	DOY=191	SMM Pointing:	Pitch=+321", Yaw=-565", Roll=0deg						
85/07/10, 09:00	Peak	End times							
Optical			S17W39						
GOES 08:59	09:00	09:10	S12W38						
HXRBS 08:59:45	09:00:02	09:00:29	Qual=02	AR4671					
BCS 09:00	09:00	09:00	Qual=01						
FCS	09:00		Qual= 2	Tot Cts=1244					
Radio			Qual= 2	FePeak=09:00					
			CaPeak.c/s=22						
			Peak3..c/s=59						
			Frequency(MHz)/Flux(sfu):	4995/9 8800/11					
Event # = 21155	DOY=191	SMM Pointing:	Pitch=+322", Yaw=-575", Roll=0deg						
85/07/10, 09:40	Peak	End times							
GOES 09:40	09:40	09:41	S17W39						
BCS			Qual=00						
			Qual= 1	FePeak=09:40					
			CaPeak.c/s=19						
			FePeak.c/s=8						
			#Peaks=1						
			XEN=519115						

Event # = 7926
 85/07/10, 10:24 DOY=191
 Start Peak
 GOES 10:20 10:24
 HXRBS 10:21:40 10:23:01
 BCS 10:21 10:23
 FCS 10:26 10:26

SMM Pointing: S17W39
 Qual=03
 Qual=01
 Qual=1

Importance=C2
 Peak...c/s=88
 CaPeak.c/s=73
 Peak3...c/s=265

End times
 10:40
 10:23:57
 10:29

MaxkeV=50
 FePeak.c/s=16
 Rast=0"x0" Cad= 768s
 #Peaks=1
 Step=0" XEN=519116
 768.0s/pixel
 H.Ang=44deg
 Pitch=+322", Yaw=-575", Roll=0deg

Event # = 7927
 85/07/10, 16:47 DOY=191
 Start Peak
 GOES 16:44 16:47
 HXRBS 16:46:24 16:46:45
 BCS 16:46 16:47
 FCS 16:47 16:47
 UVSP 15:58

SMM Pointing: S17W44
 Ha...Class=SN
 Importance=C2
 Peak...c/s=162
 CaPeak.c/s=105
 Peak3...c/s=314
 Wavelength=2788A Code=00

End times
 17:06
 16:48:31
 16:50

AR4671
 Tot Cts=2261
 FePeak=16:47
 Exp #=30956

Mac.=DKC Carr.Lon.=359deg
 MaxkeV=71
 FePeak.c/s=38
 Rast=300"x300" Cad= 922s
 Rast=243"x243" Step=3" Pitch=+323", Yaw=-618"
 #Peaks=2
 Step=10" XEN=519118
 1.024s/pixel
 H.Ang=48deg
 Pitch=+319", Yaw=-627", Roll=0deg

Event # = 8488
 85/07/10, 22:32 DOY=191
 Start Peak
 GOES 22:29 22:32
 HXRBS 22:31:45 22:32:00
 UVSP 22:14 22:32

SMM Pointing: S17W47
 Ha...Class=SN
 Importance=88
 Peak...c/s=49
 Wavelength=1375A Code=00
 Associated Event # = 8487
 Qual=01

End times
 22:34
 22:32:24
 22:30:22

AR4671
 Tot Cts=209
 Exp #=30960
 Event # = 8487
 Tot Cts=163

Mac.=DKC Carr.Lon.=359deg
 MaxkeV=50
 Rast=265"x265" Step=5" Pitch=+321", Yaw=-656"
 #Peaks=1
 Step=10" XEN=519118
 1.024s/pixel
 H.Ang=51deg
 Pitch=+317", Yaw=-664", Roll=0deg

Event # = 21156
 85/07/11, 13:50 DOY=192
 Start Peak
 GOES 13:37 13:50
 BCS 13:56 13:56
 FCS 14:02 14:02
 UVSP 13:58

SMM Pointing: S17W41
 Ha...Class=SN
 Importance=C5
 CaPeak.c/s=92
 Peak3...c/s=552
 Wavelength=2788A Code=02

End times
 13:58
 14:03
 14:03

AR4671
 FePeak=13:56
 Exp #=30970

Mac.=DKC Carr.Lon.=1deg
 MaxkeV=50
 Rast=180"x180" Step=10" Cad= 332s
 Rast=243"x243" Step=3" Pitch=+313", Yaw=-740"
 #Peaks=1
 Step=10" XEN=519200
 1.024s/pixel
 H.Ang=62deg
 Pitch=+321", Yaw=-595", Roll=0deg

Event # = 7932
 85/07/12, 01:44 DOY=193
 Start Peak
 GOES 01:39 01:44
 HXRBS 01:41:18 01:41:36
 BCS 01:41 01:43
 FCS 01:41 01:44
 UVSP 00:59

SMM Pointing: S18W63
 Importance=C1
 Peak...c/s=81
 CaPeak.c/s=42
 Peak3...c/s=138
 Wavelength=1375A Code=00

End times
 02:20
 01:42:14
 01:48

AR4671
 Tot Cts=622
 FePeak=01:42
 Exp #=30977

Mac.=DKC Carr.Lon.=1deg
 MaxkeV=50
 FePeak.c/s=11
 Rast=300"x300" Step=10" Cad= 922s
 Rast=265"x265" Step=5" Pitch=+322", Yaw=-798"
 #Peaks=1
 Step=10" XEN=519300
 1.024s/pixel
 H.Ang=66deg
 Pitch=+317", Yaw=-804", Roll=0deg

Event # = 7933				S18W65				Pitch=+317", Yaw=-814", Roll=0deg				H. Ang=67deg			
85/07/12, 04:41				DOY=193											
Start				Peak											
End times															
GOES	04:30	04:41	04:53	Importance=B7	Qual=01										
HXRBS	04:33:33	04:33:54	04:34:24	Peak...c/s=77	Qual=01	Tot Cts=600									
BGS	04:39	04:40	04:43	CaPeak.c/s=25	Qual=1	FePeak=04:39									
FCS	04:39	04:43		Peak3...c/s=154	Code=00	Exp #=30979									
UVSP	04:07			WaveLength=1375A						MaxkeV=50					
Radio				Frequency(MHz)/Flux(sfu):	8800/31 15400/9					FePeak.c/s=8 #Peaks=1					
										Rast=0"x0" Cad=129s					
										Pitch=+321", Yaw=-809"					
Event # = 7934				S18W65				Pitch=+317", Yaw=-814", Roll=0deg				H. Ang=67deg			
85/07/12, 05:37				DOY=193											
Start				Peak											
End times															
Optical				SMM Pointing:	S18W66										
GOES	04:59	05:37	06:12	Ha...Class=SN	Qual=05	AR4671									
HXRBS	05:01:29	05:02:14	05:02:49	Importance=C6	Qual=01	Tot Cts=1476									
BGS	05:01	05:02	05:02	Peak...c/s=111	Qual=2	FePeak=05:02									
FCS	05:01	05:02		CaPeak.c/s=32						MaxkeV=50					
Radio Sweeps				Peak3...c/s=86						FePeak.c/s=14 #Peaks=1					
Radio				Type/Intensity:	III/1					Rast=300"x300" Cad=922s					
				Frequency(MHz)/Flux(sfu):	1415/14 2695/11 4995/14 8800/21					XEN=519302					
Event # = 21157				S18W84				Pitch=+317", Yaw=-814", Roll=0deg				H. Ang=67deg			
85/07/12, 06:17				DOY=193											
Start				Peak											
End times															
Optical				SMM Pointing:	S14W66										
GOES	06:13	06:17	06:35	Ha...Class=SN	Qual=01	AR4671									
BGS	06:11	06:16	06:17	Importance=C4	Qual=3	FePeak=06:17									
UVSP	07:16			CaPeak.c/s=185	Qual=3	Exp #=30981				XEN=519303					
				WaveLength=1375A						Rast=265"x265" Pitch=+319", Yaw=-820"					
Event # = 7940				S18W85				Pitch=+292", Yaw=-897", Roll=0deg				H. Ang=86deg			
85/07/12, 21:53				DOY=193											
Start				Peak											
End times															
GOES	21:50	21:53	22:00	Importance=B3	Qual=01										
HXRBS	21:51:44	21:52:01	21:52:25	Peak...c/s=145	Qual=01	Tot Cts=1004									
UVSP	21:26			WaveLength=2788A	Code=00	Exp #=30993									
						MaxkeV=50				Rast=243"x243" Step=3" Pitch=+295", Yaw=-889"					
Event # = 8489				85/07/13				DOY=194							
85/07/13, 05:15				DOY=194											
Start				Peak											
End times															
Optical				SMM Pointing:	S18W85										
GOES	05:15:37	05:15:42	05:16:07	Ha...Class=SF	S15W78	AR4671									
HXRBS	05:15:37	05:15:42	05:16:07	Peak...c/s=84	Qual=01	Tot Cts=343									
UVSP	05:17			WaveLength=1375A	Qual=01	Exp #=31001									
						MaxkeV=71				Rast=280"x280" Step=10" Pitch=+297", Yaw=-891"					
Event # = 8490				S18W85				Pitch=+291", Yaw=-898", Roll=0deg				H. Ang=87deg			
85/07/13, 05:50				DOY=194											
Start				Peak											
End times															
Optical				SMM Pointing:	S14W79	AR4671									
GOES	05:50:27	05:50:43	05:50:54	Ha...Class=SN	Qual=01	Tot Cts=683									
HXRBS	05:50:27	05:50:43	05:50:54	Peak...c/s=163	Qual=01	Exp #=31004									
UVSP	05:37			WaveLength=1375A						MaxkeV=71					
						Rast=30"x30" Step=0" Pitch=+302", Yaw=-886"				H. Ang=80deg					

Event # = 8491		DOY=194		SMM Pointing:		S18W85		Pitch=+291", Yaw=-898", Roll=0deg		H. Ang=87deg	
85/07/13,06:04	Start	06:11	End times	Importance=C1	Qual=01						
GOES	05:59	06:04	06:11	Peak...c/s=78	Code=00						
HXRBS	06:01:27	06:01:45	06:02:55	Wavelength=1375A	Code=00						
UVSP	05:56			4995/11 8800/25	15400/16						
Radio	Frequency(MHz)/Flux(sfu):										
Event # = 8492		DOY=194		SMM Pointing:		S18W85		Pitch=+291", Yaw=-898", Roll=0deg		H. Ang=87deg	
85/07/13,07:02	Start	07:23	End times	Ha...Class=SN	Qual=01	AR4671					
Optical	06:53	07:02	07:23	Importance=C2	Code=00						
GOES	06:56:19	06:57:31	06:59:13	Peak...c/s=144	Code=00						
HXRBS	06:56	06:59	07:37	CaPeak.c/s=127	Code=00						
BGS	06:56			Peak3...c/s=384	Code=00						
FCS	06:53	07:11		Wavelength=1375A	Code=00						
UVSP	06:53			4995/21 8800/36	15400/21						
Radio	Frequency(MHz)/Flux(sfu):										
Event # = 8493		DOY=194		SMM Pointing:		AR4671		Carr. Lon.=357deg		H. Ang=80deg	
85/07/13,08:49	Start	08:51	End times	Ha...Class=SB	Qual=01	AR4671					
Optical	08:46	08:49	08:51	Importance=B9	Code=00						
GOES	08:48:51	08:49:13	08:49:38	Peak...c/s=337	Code=00						
HXRBS	08:49	08:49	08:50	CaPeak.c/s=42	Code=00						
BGS	08:49			Peak3...c/s=64	Code=00						
FCS	08:45			Wavelength=1375A	Code=00						
UVSP	08:45										
Event # = 8494		DOY=194		SMM Pointing:		AR4671		Maxkey=71		Pitch=+295", Yaw=-889"	
85/07/13,11:37	Start	11:42	End times	Importance=B6	Qual=01	AR4671					
GOES	11:30	11:37	11:42	Peak...c/s=86	Code=00						
HXRBS	11:32:15	11:32:33	11:32:41	Wavelength=2788A	Code=00						
UVSP	11:35										
Event # = 8495		DOY=194		SMM Pointing:		AR4671		Maxkey=135		dt= 3.8s XEN=519407	
85/07/13,13:21	Start	13:26	End times	Importance=C2	Qual=01	AR4671					
GOES	13:17	13:21	13:26	Peak...c/s=656	Qual=01						
HXRBS	13:16:53	13:20:21	13:20:53	CaPeak.c/s=129	Qual=1						
BGS	13:19	13:21	13:30	Peak3...c/s=443	Code=00						
FCS	13:08	13:26		Wavelength=2788A	Code=00						
UVSP	13:08			15400/260							
Radio	Frequency(MHz)/Flux(sfu):										
Event # = 7941		DOY=194		SMM Pointing:				Pitch=-363", Yaw=-937", Roll=0deg			
85/07/13,19:51	Start	19:51:12	End times	Peak...c/s=84	Qual=06						
GOES	19:50:34	19:51:12	19:51:51	Wavelength=2788A	Qual=01						
HXRBS	19:50:34										
UVSP	19:39										

Event # = 7942	DOY=194	SMM Pointing:	S18W85	Pitch=+291", Yaw=-898", Roll=0deg	H. Ang=87deg
85/07/13, 21:05	Peak	End times			
GOES	21:04:53	21:05:13	21:05:34	MaxkeV=50	
HRBS	21:04:53	21:05:13	21:05:34	Rast=243"x243"	Step=3" Pitch=+295", Yaw=-889"
UVSP	21:01			Exp # = 31042	
85/07/18 DOY=199					
Event # = 7960	DOY=199	SMM Pointing:	S14E57	Pitch=+266", Yaw=+773", Roll=0deg	H. Ang=60deg
85/07/18, 00:40	Peak	End times			
GOES	00:37	00:40	00:43	MaxkeV=283	
HRBS	00:40:23	00:40:45	00:41:02	Flags=NS,GB	
85/07/19 DOY=200					
Event # = 12741	DOY=200	SMM Pointing:	S13E32	Pitch=+276", Yaw=+489", Roll=0deg	H. Ang=36deg
85/07/19, 23:35	Peak	End times			
HRBS	23:35:01	23:35:04	23:35:07	MaxkeV=135	Flags=NS,GB
85/07/26 DOY=207					
Event # = 12742	DOY=207	SMM Pointing:	S08E86	Pitch=+131", Yaw=+936", Roll=0deg	H. Ang=87deg
85/07/26, 03:12	Peak	End times			
HRBS	03:11:53	03:12:12	03:12:42	MaxkeV=422	Flags=NS,GB
85/07/26 DOY=207					
Event # = 21158	DOY=207	SMM Pointing:	S07E85	Pitch=+130", Yaw=+935", Roll=0deg	H. Ang=86deg
85/07/26, 22:21	Peak	End times			
GOES	22:09	22:21	22:32	FePeak.c/s=9	#Peaks=1 dt= 7.7s XEN=520700
BCS	22:16	22:20	22:25	Rast=0"x0"	Step=0" Cad= 768s 768.0s/pixel
FCS	22:16	22:20	22:25	Rast=265"x265"	Step=5" Pitch=+135", Yaw=+945"
UVSP	21:54			Exp # = 31129	
85/07/26 DOY=207					
Event # = 21159	DOY=207	SMM Pointing:	S07E85	Pitch=+130", Yaw=+935", Roll=0deg	H. Ang=86deg
85/07/26, 22:40	Peak	End times			
GOES	22:34	22:40	22:48	FePeak.c/s=11	#Peaks=1 dt= 7.7s XEN=520701
BCS	22:38	22:40	22:41	Rast=0"x0"	Step=0" Cad= 768s 768.0s/pixel
FCS	22:38	22:40	22:41	Rast=265"x265"	Step=5" Pitch=+135", Yaw=+945"
UVSP	21:54			Exp # = 31129	
85/07/27 DOY=208					
Event # = 21160	DOY=208	SMM Pointing:	N05E82	Pitch=-72", Yaw=+934", Roll=0deg	H. Ang=82deg
85/07/27, 07:26	Peak	End times			
GOES	07:17	07:26	07:45	FePeak.c/s=10	#Peaks=1 XEN=520800
BCS	07:24	07:24	07:26	Rast=180"x180"	Step=10" Cad= 332s 1.024s/pixel
FCS	07:24	07:24	07:26	Rast=265"x265"	Step=5" Pitch=-65", Yaw=+939"
UVSP	07:20			Exp # = 31148	

Event # = 12743		85/07/29		DOY=210			
85/07/29,01:53	DOY=210	S19E76	S19E76	Pitch=+327"	Yaw=+868"	Roll=0deg	H.Ang=78deg
Start	Peak	SMM Pointing:					
HXRBS 01:53:49	01:53:57	Peak...c/s=58	Qual=01	Tot Cts=97	Flags=NS,GB		
UVSP 01:50		Wavelength=1375A	Exp #=31208	Exp #=31208	Step=5"	Pitch=+332"	Yaw=+873"
Event # = 7975		85/07/29,16:07		DOY=210			
85/07/29,16:07	DOY=210	S19E68	S19E68	Pitch=+338"	Yaw=+829"	Roll=0deg	H.Ang=71deg
Start	Peak	SMM Pointing:					
Optical		Ha...Class=IN	AR4682	Mac.=CKO	Carr.Lon.=3deg		H.Ang=63deg
GOES 15:58	16:07	Importance=C2	Qual=01	MaxkeV=50			
HXRBS 16:02:52	16:03:47	Peak...c/s=85	Qual=01	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=521000
BCS 16:03	16:09	CaPeak.c/s=86	Qual= 6	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
FCS	16:03	Peak3...c/s=38	Code=00	Rast=265"x265"	Step=5"	Pitch=+344"	Yaw=+835"
UVSP 15:59		Wavelength=1375A	Exp #=31224				
Event # = 7978		85/07/31		DOY=212			
85/07/31,03:37	DOY=212	N06E28	N06E28	Pitch=-16"	Yaw=+449"	Roll=0deg	H.Ang=28deg
Start	Peak	SMM Pointing:					
Optical		Ha...Class=SF	AR4680	Mac.=DSI	Carr.Lon.=22deg		H.Ang=21deg
GOES 03:31	03:37	Importance=B2	Qual=03	MaxkeV=50			
HXRBS 03:34:58	03:35:38	Peak...c/s=71	Qual=01	Rast=40"x40"	Step=5"	Pitch=+5"	Yaw=+370"
UVSP 03:21		Wavelength=1375A	Code=00	Exp #=31269			
Radio Sweeps	Type/Intensity:	III/1					
Radio Frequency(MHz)/Flux(sfu):	245/120	410/56	606/4				
Event # = 7979		85/08/01		DOY=213			
85/08/01,05:42	DOY=213	N06E14	N06E14	Pitch=-6"	Yaw=+221"	Roll=0deg	H.Ang=13deg
Start	Peak	SMM Pointing:					
GOES 05:42:18	05:42:52	Peak...c/s=74	Qual=00	MaxkeV=50			
HXRBS 05:42:18	05:44:05	Wavelength=1375A	Qual=01	Rast=265"x265"	Step=5"	Pitch=-2"	Yaw=+231"
UVSP 05:20			Exp #=31305				
Event # = 7980		85/08/01,07:18		DOY=213			
85/08/01,07:18	DOY=213	S17W45	S17W45	Pitch=+237"	Yaw=+976"	Roll=0deg	
Start	Peak	SMM Pointing:					
GOES 07:18:35	07:18:54	Peak...c/s=73	Qual=01	MaxkeV=50			
HXRBS 07:18:35	07:21:07	Wavelength=1375A	Qual=01	Rast=265"x265"	Step=5"	Pitch=-236"	Yaw=+983"
UVSP 07:07			Exp #=31307				
Event # = 8511		85/08/06		DOY=218			
85/08/06,18:28	DOY=218	S17W43	S17W43	Pitch=-621"	Yaw=-346"	Roll=90deg	H.Ang=49deg
Start	Peak	SMM Pointing:					
GOES 18:23	18:28	Importance=B2	Qual=02	MaxkeV=71	Flags=I		
HXRBS 18:26:02	18:26:20	Peak...c/s=66	Qual=01	Tot Cts=282			
UVSP 18:26:02			Qual=01				
Event # = 21161		85/08/06,21:10		DOY=218			
85/08/06,21:10	DOY=218	S17W45	S17W45	Pitch=+344"	Yaw=-640"	Roll=0deg	H.Ang=50deg
Start	Peak	SMM Pointing:					
Optical		Ha...Class=SF	AR4682	Mac.=CSO	Carr.Lon.=1deg		H.Ang=51deg
GOES 21:03	21:10	Importance=B6	Qual=01	FePeak.c/s=6	#Peaks=1		XEN=521800
BCS 21:09	21:09	CaPeak.c/s=18	Qual= 1	FePeak=21:09			

Event # = 21162		85/08/07 DOY=219	
85/08/07 03:12	DOY=219	S17W48	Pitch=+340", Yaw=-670", Roll=0deg
Optical	SMM Pointing:		H. Ang=52deg
GOES 03:05	03:12	Ha...Class=SF	
BCS 03:12	03:12	Importance=84	
Radio Sweeps	Type/Intensity:	AR4682	
		Qual=1	
		FePeak=03:12	
		#Peaks=1	
			XEN=521900
Event # = 7981		85/08/08 DOY=220	
85/08/08 07:48	DOY=220	S19W64	Pitch=+349", Yaw=-803", Roll=0deg
Optical	SMM Pointing:		H. Ang=67deg
GOES 07:36	07:48	S11W69	
HXRBS 07:42:45	07:44:49	Qual=03	
BCS 07:43	07:47	Qual=01	
FCS	07:57	Qual=1	
Radio Sweeps	Type/Intensity:	AR4682	
Radio Frequency(MHz)/Flux(sfu):	1415/5 2695/30 4995/30	Tot Cts=22581	
		FePeak=07:47	
			#Peaks=1 dt= 3.8s XEN=522000
			Rast=0"x0" Cad= 768s
Event # = 7982		85/08/09 DOY=221	
85/08/09 15:50	DOY=220	S14W85	Pitch=+4", Yaw=+1252", Roll=0deg
GOES 15:42	15:50	Qual=01	
HXRBS 15:47:48	15:48:09	Qual=01	
UVSP 15:33	15:49:58		
			MaxkeV=50
			Rast=180"x1" Step=0" Pitch=+86", Yaw=+1021"
Event # = 21163		85/08/11 DOY=223	
85/08/11 02:24	DOY=221	S14W85	Pitch=+243", Yaw=-915", Roll=0deg
GOES 02:15	02:24	Qual=01	
BCS 02:21	02:23	Qual=1	
FCS	02:26		
			FePeak.c/s=18 #Peaks=1 XEN=522100
			Rast=0"x0" Step=0" Cad= 129s
Event # = 7983		85/08/11 DOY=223	
85/08/11 05:08	DOY=223	Qual=00	
GOES		Qual=01	
HXRBS 05:08:24	05:08:30		
			Pitch=+344", Yaw=+938", Roll=0deg
			MaxkeV=422
Event # = 12744		85/08/20 DOY=232	
85/08/20 14:52	DOY=232	Qual=01	
HXRBS 14:52:09	14:52:42	Qual=01	
			Pitch=-2", Yaw=+980", Roll=0deg
			MaxkeV=283 Flags=NS,GB
Event # = 7993		85/08/26 DOY=238	
85/08/26 08:24	DOY=238	Qual=00	
GOES		Qual=01	
HXRBS 08:24:02	08:24:06		
			Pitch=+478", Yaw=+860", Roll=0deg
			MaxkeV=125

Event # = 12745 85/08/26, 12:54 Start Peak HRBS 12:54:22 12:54:24 12:54:29	DOY=238 Peak 12:54:24 12:54:29	SMM Pointing: Peak...c/s=46	N06E32 Qual=01	Tot Cts=28	Pitch=+0", Yaw=+499", Roll=0deg Flags=NS,GB	H. Ang=32deg
85/08/27 DOY=239						
Event # = 12746 85/08/27, 23:08 Start Peak HRBS 23:08:12 23:08:16 23:08:24	DOY=239 Peak 23:08:16 23:08:24	SMM Pointing: Peak...c/s=67	N05E16 Qual=01	Tot Cts=103	Pitch=+30", Yaw=+261", Roll=0deg MaxkeV=255 Flags=NS,GB	H. Ang=16deg
85/08/30 DOY=242						
Event # = 7997 85/08/30, 15:44 Start Peak GOES 15:44:20 15:44:53 15:45:35	DOY=242 Peak 15:44:53 15:45:35	SMM Pointing: Peak...c/s=74	S23E03 Qual=00 Qual=01		Pitch=+477", Yaw=+51", Roll=0deg MaxkeV=55	H. Ang=30deg
85/08/31 DOY=243						
Event # = 7998 85/08/31, 11:16 Start Peak GOES 11:16:26 11:16:48 11:18:43	DOY=243 Peak 11:16:48 11:18:43	SMM Pointing: Peak...c/s=68	N08W19 Qual=00 Qual=01		Pitch=-18", Yaw=-307", Roll=0deg MaxkeV=55	H. Ang=19deg
85/09/03 DOY=246						
Event # = 7999 85/09/03, 23:29 Start Peak GOES 23:29:38 23:29:58 23:30:43	DOY=246 Peak 23:29:58 23:30:43	SMM Pointing: Peak...c/s=83	S18W55 Qual=00 Qual=01		Pitch=+357", Yaw=-739", Roll=0deg MaxkeV=175	H. Ang=59deg
85/09/13 DOY=256						
Event # = 21164 85/09/13, 07:34 Start Peak Optical GOES 07:23 07:34 08:01 BCS 07:29 07:30 07:30 FCS 07:29 07:29 07:29	DOY=256 Peak 07:34 07:30 07:29	SMM Pointing: Ha...Class=SF Importance=C2 CaPeak.c/s=35 Peak3...c/s=66	S14E81 Qual=03 Qual=2	AR4694 FePeak=07:30	Mac.=BK0 Carr.Lon.=99deg FePeak.c/s=10 dt=7.7s Rast=0"x0" Step=0" Cad=16.4s	H. Ang=83deg XEN=525600 16.38s/pixel
85/09/15 DOY=258						
Event # = 8528 85/09/15, 07:37 Start Peak Optical GOES 07:27 07:37 07:43 HRBS 07:33:40 07:34:39 07:36:44 BCS 07:42 07:42 07:45 FCS 07:43 07:43 07:43	DOY=258 Peak 07:37 07:34:39 07:36:44 07:42 07:45 07:43 07:43	SMM Pointing: Ha...Class=I8 Importance=C4 Peak...c/s=106 CaPeak.c/s=27 Peak3...c/s=22 Radio Frequency(MHz)/Flux(sfu):	S11E53 Qual=03 Qual=01 Qual=5	AR4694 Tot Cts=3390 FePeak=07:42	Pitch=-233", Yaw=+983", Roll=0deg Mac.=CS0 Carr.Lon.=100deg MaxkeV=97 #Peaks=1 FePeak.c/s=12 #Peaks=1 Rast=240"x240" Step=10" Cad=590s	H. Ang=56deg XEN=525800 1.024s/pixel

Event # = 8005		85/09/17		DOY=260			
85/09/17,01:01	DOY=260	SMM Pointing:	S11E31	Pitch=+281",Yaw=+483",Roll=0deg	H.Ang=36deg		
Start	Peak	End times					
GOES			Qual=00				
HXRBS	01:00:54	01:01:12	01:01:56	MaxkeV=236			
UVSP			Peak...c/s=73				
Event # = 8531		85/09/20		DOY=263			
85/09/20,20:06	DOY=263	SMM Pointing:	S11W27	Pitch=+284",Yaw=-426",Roll=0deg	H.Ang=32deg		
Start	Peak	End times					
GOES			Qual=00				
HXRBS	20:06:20	20:06:24	20:06:34	MaxkeV=480	Flags=I,AX		
UVSP	19:26			Rast=265"x265"	Step=5" Pitch=+288",Yaw=-417"		
				Tot Cts=246			
				Exp #=31861			
Event # = 12747		85/09/27		DOY=270			
85/09/27,11:46	DOY=270	SMM Pointing:		Pitch=+181",Yaw=-970",Roll=0deg			
Start	Peak	End times					
HXRBS	11:46:16	11:46:33	11:46:51	MaxkeV=303	Flags=NS,GB		
UVSP	12:42			Rast=180"x1"	Step=0" Pitch=+186",Yaw=-788"		
				Tot Cts=1240			
				Exp #=32120			
Event # = 8010		85/10/12		DOY=285			
85/10/12,10:44	DOY=285	SMM Pointing:		Pitch=-234",Yaw=+991",Roll=0deg			
Start	Peak	End times					
HXRBS	10:44:31	10:44:34	10:44:43	MaxkeV=271	Flags=NS,GB		
UVSP							
				Tot Cts=196			
Event # = 21165		85/10/16		DOY=289			
85/10/16,19:56	DOY=289	SMM Pointing:	N03E79	Pitch=-33",Yaw=+945",Roll=0deg	H.Ang=79deg		
Start	Peak	End times					
GOES	19:51	20:10	20:10	FePeak.c/s=12	#Peaks=1	XEN=528900	
BGS	19:55	19:57	19:57	Rast=240"x240"	Step=10" Cad= 590s	1.024s/pixel	
FCS	19:55			Rast=180"x1"	Step=0" Pitch=-30",Yaw=+874"		
UVSP	19:40						
				Exp #=32204			
Event # = 12748		85/10/17		DOY=290			
85/10/17,09:33	DOY=290	SMM Pointing:	N03E73	Pitch=-23",Yaw=+920",Roll=0deg	H.Ang=73deg		
Start	Peak	End times					
HXRBS	09:33:29	09:33:30	09:33:35	MaxkeV=305	Flags=NS,GB		
UVSP	09:49			Rast=180"x1"	Step=0" Pitch=-18",Yaw=+843"		
				Tot Cts=207			
				Exp #=32217			
Event # = 8011		85/10/19		DOY=292			
85/10/19,04:59	DOY=292	SMM Pointing:	N01E44	Pitch=+48",Yaw=+676",Roll=0deg	H.Ang=45deg		
Start	Peak	End times					
Optical				Mac.=CKO	Carr. Lon.=33deg	H.Ang=33deg	
GOES	04:56	05:02	05:02	MaxkeV=60			
HXRBS	04:58:32	04:58:41	04:58:59	Rast=10"x10"	Step=0" Pitch=-35",Yaw=+768"		
UVSP	04:51						
Radio Sweeps		Type/Intensity:					
Radio	Frequency(MHz)/Flux(sfu):	245/2200	410/30	606/7	1415/4	2695/3	8800/4

85/10/22 DOY=295

Event # = 21166
 85/10/22, 03:20 DOY=295
 Start Peak
 Optical SMM Pointing: N02E11 H. Ang=12deg
 Ha...Class=SF AR4699
 Ha...Class=SF AR4698
 Importance=C2 Qual=02
 CaPeak.c/s=48 FePeak=03:25
 Peak3..c/s=361
 Wavelength=1375A Code=00 Exp #=32518
 Type/Intensity: I/1
 Radio Sweeps
 Radio Frequency(MHz)/Flux(sfu): 245/120 410/59 606/42

Event # = 21167
 85/10/22, 04:41 DOY=295
 Start Peak
 GOES SMM Pointing: N02E11 H. Ang=12deg
 BCS 04:39 04:41 05:37
 FCS 04:50
 UVSP 04:41
 CaPeak.c/s=58 Qual=00
 Peak3..c/s=349 Qual= 5
 Wavelength=1375A FePeak=04:40
 Exp #=32523

Event # = 21168
 85/10/22, 05:32 DOY=295
 Start Peak
 GOES SMM Pointing: N02E11 H. Ang=11deg
 BCS 05:27 05:32 05:41
 FCS 05:28 05:32 05:37
 UVSP 05:28 05:32
 Importance=C1
 CaPeak.c/s=39 Qual=03
 Peak3..c/s=193 Qual= 3
 Wavelength=1375A FePeak=05:32
 Exp #=32527

Event # = 21169
 85/10/22, 08:00 DOY=295
 Start Peak
 Optical SMM Pointing: N02E09 H. Ang=10deg
 GOES 07:47 08:00 08:20
 BCS 07:55 07:58 08:07
 FCS 08:04
 UVSP 07:57
 Ha...Class=SN AR4699
 Importance=C1
 CaPeak.c/s=50 FePeak=07:57
 Peak3..c/s=203
 Wavelength=1375A Code=00 Exp #=32536

Event # = 21170
 85/10/22, 08:30 DOY=295
 Start Peak
 GOES SMM Pointing: N02E09 H. Ang=10deg
 BCS 08:20 08:30 08:35
 FCS 08:24 08:29 08:45
 UVSP 08:18
 Importance=C1
 CaPeak.c/s=47 Qual=01
 Peak3..c/s=334 Qual= 1
 Wavelength=1375A Code=00 Exp #=32538

Event # = 21171
 85/10/22, 12:45 DOY=295
 Start Peak
 GOES SMM Pointing: N02E06 H. Ang=7deg
 BCS 12:40 12:45 12:49
 FCS 12:43 12:45 12:47
 UVSP 12:40 12:45
 Importance=B9 Qual=01
 CaPeak.c/s=40 Qual= 1
 Peak3..c/s=48 FePeak=12:44
 Wavelength=1375A Code=00 Exp #=32548

85/10/23		DOY=296		85/10/23		DOY=296	
Event # = 21173	85/10/23, 15:05	Start	Peak	DOY=296	End times	SMM Pointing:	N05W08
Optical							
GOES	14:26	15:05	15:16			Importance=C7	N05W10
BCS	15:15	15:15	15:24			CaPeak.c/s=51	Qual=01
FCS	15:17	15:18				Peak3..c/s=77	Qual=5
UVSP						Wave length=1375A	FePeak=15:15
Radio						Frequency(MHz)/Flux(sfu): 245/14000	Exp #=32597
							Associated Event # = 21172
BCS	14:36	14:37	14:38			CaPeak.c/s=21	Qual=2
FCS		14:36				Peak3..c/s=30	FePeak=14:37
UVSP	14:35					Wave length=2788A	Exp #=32596
Event # = 8012	85/10/23, 22:02	Start	Peak	DOY=296	End times	SMM Pointing:	N03W12
Optical							
GOES	21:50	22:02	22:22			Ha...Class=SN	N07W27
HXRBS	22:09:52	22:10:22	22:11:20			Ha...Class=SF	AR4698
UVSP	21:58					Importance=B6	AR4699
Radio						Peak...c/s=89	
						Wave length=1375A	Code=00
						Frequency(MHz)/Flux(sfu): 1415/18	Exp #=32610
Event # = 21174	85/10/24, 08:31	Start	Peak	DOY=297	End times	SMM Pointing:	N03W17
Optical							
GOES	08:23	08:31	08:44			Ha...Class=SN	N08W28
BCS	08:32	08:34	08:42			Importance=C2	Qual=05
FCS		08:33				CaPeak.c/s=43	Qual=1
UVSP	08:35					Peak3..c/s=59	FePeak=08:34
						Wave length=1375A	Code=02
						Frequency(MHz)/Flux(sfu): 1415/18	Exp #=32641
Event # = 21175	85/10/24, 09:00	Start	Peak	DOY=297	End times	SMM Pointing:	N03W18
Optical							
GOES	08:46	09:00	09:50			Ha...Class=SN	N08W28
BCS	08:51	09:00	09:22			Importance=C2	Qual=01
FCS		09:14				CaPeak.c/s=44	Qual=1
UVSP	08:58					Peak3..c/s=122	FePeak=09:00
						Wave length=1375A	Code=00
						Frequency(MHz)/Flux(sfu): 1415/18	Exp #=32643
Event # = 8539	85/10/24, 11:54	Start	Peak	DOY=297	End times	SMM Pointing:	N03W20
GOES	11:48	11:54	11:58			Importance=C7	Qual=03
HXRBS	11:50:02	11:53:06	11:55:28			Peak...c/s=92	Qual=01
BCS	11:51	11:53	12:24			CaPeak.c/s=216	Qual=1
FCS		12:01				Peak3..c/s=32	FePeak=11:53
UVSP	11:38					Wave length=2788A	Code=01
						Frequency(MHz)/Flux(sfu): 1415/18	Exp #=32653

Event # = 21184
 85/12/10,11:09 DOY=344 SMM Pointing: N06E72 Pitch=-112", Yaw=+922", Roll=0deg H. Ang=72deg
 Start Peak 11:25
 GOES 10:53 11:09 Qual=04 dt= 7.7s XEN=534402
 BCS 11:09 11:09 FePeak=11:09 #Peaks=1 Step=0" Cad=3840s 3840s/pixel
 FCS 11:09 11:09 Code=00 Exp #=34404 Rast=180"x1" Pitch=-108", Yaw=+936"
 UVSP 11:05 Wavelength=2788A Code=00 Exp #=34404

85/12/15 DOY=349
 Event # = 8055
 85/12/15,06:11 DOY=349 SMM Pointing: N02E06 Pitch=-50", Yaw=+106", Roll=0deg H. Ang=7deg
 Start Peak 06:11
 Optical 06:01 06:15 Ha...Class=SN Carr. Lon.=26deg H. Ang=9deg
 GOES 06:05:24 06:06:23 Qual=01 #Peaks=2 XEN=534900
 HXRBS 06:06 06:10 FePeak=06:09 Rast=240"x240" Cad= 590s 1.024s/pixel
 FCS 06:10 06:10 Code=01 Exp #=34553 Rast=180"x1" Pitch=-44", Yaw=+130"
 UVSP 05:50 Wavelength=2788A Code=01 Exp #=34553

Event # = 21185
 85/12/15,18:39 DOY=349 SMM Pointing: N03W04 Pitch=-64", Yaw=-61", Roll=0deg H. Ang=5deg
 Start Peak 18:39
 GOES 18:33 18:39 Qual=01 #Peaks=1 XEN=534901
 BCS 18:37 18:38 CaPeak.c/s=30 Rast=115"x115" Step=5" Cad= 542s 1.024s/pixel
 FCS 18:39 18:39 Peak3...c/s=16 Rast=243"x243" Step=3" Pitch=-62", Yaw=-48"
 UVSP 18:30 Wavelength=2788A Code=00 Exp #=34568

Event # = 8056
 85/12/15,22:17 DOY=349 SMM Pointing: Pitch=+346", Yaw=-965", Roll=0deg
 Start Peak 22:17
 Optical 22:14 22:19 Ha...Class=SB Carr. Lon.=3deg H. Ang=23deg
 GOES 22:15:26 22:16:10 Qual=01 #Peaks=1 XEN=534901
 HXRBS 22:15:26 22:16:10 Peak...c/s=145 Rast=115"x115" Step=5" Cad= 542s 1.024s/pixel
 UVSP 23:13 Wavelength=1375A Exp #=34570
 Radio Frequency(MHz)/Flux(sfu): 245/550 410/310 606/89 1415/51

85/12/17 DOY=351
 Event # = 21186
 85/12/17,04:00 DOY=351 SMM Pointing: Pitch=+133", Yaw=+33", Roll=0deg H. Ang=8deg
 Start Peak 04:00
 Optical 03:54 04:02 Ha...Class=SF Carr. Lon.=6deg H. Ang=6deg
 GOES 03:58 04:00 Qual=03 #Peaks=1 XEN=535100
 BCS 03:59 04:00 Code=01 Exp #=34627 Rast=240"x240" Cad= 590s 1.024s/pixel
 FCS 04:00 04:00 Wavelength=1375A Step=0" Pitch=+136", Yaw=+93"
 UVSP 03:50

85/12/30 DOY=364
 Event # = 8126
 85/12/30,03:17 DOY=364 SMM Pointing: Pitch=-370", Yaw=+965", Roll=0deg
 Start Peak 03:17
 GOES 03:17:47 03:17:55 Qual=00 #Peaks=1 XEN=535100
 HXRBS 03:17:47 03:17:55 Peak...c/s=80 Rast=240"x240" Cad= 590s 1.024s/pixel
 UVSP 03:16 Wavelength=1375A Exp #=35081 Rast=265"x265" Step=5" Pitch=-369", Yaw=+986"

Event # = 12750		86/01/05		DOY=5	
86/01/05	17:34	DOY=5	N03E84	Pitch=+971" ,Yaw=+54" ,Roll=90deg	H. Ang=84deg
Start	Peak	End times			
HXRBS	17:34:43	17:34:51	17:35:47	MaxkeV=315	Flags=NS,GB
UVSP	16:45	WaveLength=1375A		Rast=265" x265"	Step=5" Pitch=-474" ,Yaw=+907"
Event # = 8132		86/01/15		DOY=15	
86/01/15	07:11	DOY=15	AR4710	Mac.=CS0	Carr. Lon.=52deg
Start	Peak	End times			
Optical					
GOES	05:09	07:11	07:28	Ha...Class=LN	H. Ang=67deg
HXRBS	07:10:19	07:11:14	07:12:14	Importance=M1	
Radio Sweeps	Type/Intensity:		Qual=03	MaxkeV=62	
Radio Frequency (MHz)/Flux(sfu):	245/42 410/58 1415/51 2695/61 4995/53 8800/71		Qual=01		
Event # = 8133		86/01/16		DOY=16	
86/01/16	12:02	DOY=16			
Start	Peak	End times			
GOES	11:55	12:02	12:11	Importance=B4	
HXRBS	11:56:20	11:56:31	11:56:38	Peak...c/s=68	MaxkeV=62
Event # = 8564		86/01/16		DOY=16	
86/01/16	12:10	DOY=16			
Start	Peak	End times			
GOES	12:00	12:10	12:55	Importance=C4	
HXRBS	12:06:53	12:08:07	12:10:17	Peak...c/s=197	Flags=I
Event # = 8565		86/01/20		DOY=20	
86/01/16	16:16	DOY=16			
Start	Peak	End times			
Optical					
GOES	16:04	16:16	16:46	Ha...Class=SF	H. Ang=84deg
HXRBS	16:11:59	16:12:44	16:20:24	Importance=M7	
				Peak...c/s=3414	
Event # = 8134		86/01/20		DOY=20	
86/01/20	12:09	DOY=20			
Start	Peak	End times			
GOES	12:08:36	12:09:34	12:11:14	Qual=00	
HXRBS				Qual=01	
Radio Frequency (MHz)/Flux(sfu):	8800/170 15400/87		Tot Cts=4501	MaxkeV=141	Flags=AX
Event # = 8136		86/01/29		DOY=29	
86/01/29	09:22	DOY=29	S06W00	Pitch=+2" ,Yaw=-2" ,Roll=0deg	H. Ang=0deg
Start	Peak	End times			
GOES	09:15	09:22	10:00	Importance=B4	
HXRBS	09:17:53	09:18:40	09:19:09	Peak...c/s=79	MaxkeV=62

86/02/02 DOY=33

Event # = 21187
 86/02/02, 03:16 DOY=33
 Start Peak
 Optical
 GOES 03:10 03:16 03:35
 BCS 03:15 03:16 03:19
 FCS 03:17
 UVSP 03:09 03:17
 SMM Pointing: S09E51 H.Ang=51deg
 Ha...Class=SF Carr. Lon. =62deg
 Importance=B5 #Peaks=1 dt= 7.7s XEN=603300
 CaPeak.c/s=22 Step=0" Cad= 129s 129.0s/pixel
 Peak3..c/s=53 Step=0" Pitch=+51", Yaw=+702"
 Wavelength=1375A Code=00 Exp # =35588
 Rast=0" x0" Rast=30" x30" Pitch=+51", Yaw=+702"
 Mac. =DKI
 FePeak.c/s=17
 Rast=0" x0" Step=0" Pitch=+51", Yaw=+702"
 Rast=30" x30" Step=0" Pitch=+51", Yaw=+702"

Event # = 8137
 86/02/02, 11:22 DOY=33
 Start Peak
 GOES 11:18 11:22 11:40
 HXRBS 11:19:56 11:20:04 11:20:46
 BCS 11:20 11:21 11:22
 FCS 11:20
 UVSP 11:35
 SMM Pointing: S09E47 H.Ang=46deg
 Importance=C2
 Peak...c/s=240
 CaPeak.c/s=24
 Peak3..c/s=103
 Wavelength=2788A
 Associated Event # = 8138
 Qual=01
 Tot Cts=2146
 FePeak=11:21
 Exp # =35617
 Event # = 8138
 Tot Cts=2299
 MaxkeV=62
 FePeak.c/s=11 #Peaks=1 dt= 7.7s XEN=603301
 Rast=240" x240" Step=10" Cad= 590s 1.024s/pixel
 Rast=180" x1" Step=0" Pitch=+87", Yaw=+635"
 MaxkeV=62
 FePeak.c/s=11 #Peaks=1 dt= 7.7s XEN=603301
 Rast=240" x240" Step=10" Cad= 590s 1.024s/pixel
 Rast=180" x1" Step=0" Pitch=+87", Yaw=+635"
 MaxkeV=62

Event # = 8139
 86/02/02, 13:07 DOY=33
 Start Peak
 GOES 13:07:08 13:07:56 13:08:19
 HXRBS 13:09
 UVSP 13:09
 SMM Pointing: S09E46 H.Ang=45deg
 Peak...c/s=68
 Wavelength=2788A
 Qual=00
 Qual=01
 Exp # =35619
 MaxkeV=62
 Rast=180" x1" Step=0" Pitch=+86", Yaw=+624"

Event # = 8140
 86/02/02, 13:09 DOY=33
 Start Peak
 GOES 13:08:49 13:09:53 13:10:28
 HXRBS 16:12:54 16:13:30 16:13:59
 UVSP 16:18
 SMM Pointing: S09E46 H.Ang=45deg
 Peak...c/s=70
 Wavelength=2788A
 Qual=00
 Qual=01
 Exp # =35619
 MaxkeV=62
 Rast=180" x1" Step=0" Pitch=+86", Yaw=+624"

Event # = 8141
 86/02/02, 16:15 DOY=33
 Start Peak
 GOES 16:07 16:15 16:29
 HXRBS 16:12:54 16:13:30 16:13:59
 UVSP 16:18
 SMM Pointing: S09E44 H.Ang=44deg
 Importance=B3
 Peak...c/s=78
 Wavelength=2788A
 Code=02
 Exp # =35623
 Pitch=+77", Yaw=+670", Roll=0deg
 MaxkeV=62
 Rast=180" x1" Step=0" Pitch=+83", Yaw=+603"

Event # = 8142
 86/02/02, 16:55 DOY=33
 Start Peak
 GOES 16:49 16:55 17:32
 HXRBS 17:06:34 17:06:58 17:08:25
 UVSP 16:53
 Radio Sweeps
 SMM Pointing: S09E44 H.Ang=44deg
 Importance=C2
 Peak...c/s=67
 Wavelength=2788A
 Code=00
 Exp # =35624
 Pitch=+77", Yaw=+670", Roll=0deg
 MaxkeV=62
 Rast=180" x1" Step=0" Pitch=+6", Yaw=-63"

Event # = 21188	D0Y=33	SMM Pointing:	Pitch=+236", Yaw=+1005", Roll=0deg
86/02/02, 20:43	Peak	Importance=C3	
GOES 19:30	21:50	CaPeak.c/s=35	
BCS 21:41	21:55	Peak3..c/s=138	
UVSP 20:31		WaveLength=1375A	
FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=603302
Rast=60"x60"	Step=10"	Cad= 258s	7.168s/pixel
Rast=265"x265"	Step=5"	Pitch=+246"	Yaw=+1024"
Event # = 21189			
86/02/02, 22:10	D0Y=33	SMM Pointing:	Pitch=+90", Yaw=+628", Roll=0deg
GOES 22:09	22:10	Qual=00	H.Ang=41deg
BCS 22:10	22:10	CaPeak.c/s=20	
FCS		Peak3..c/s=142	
UVSP 22:01		WaveLength=1375A	
FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=603303
Rast=60"x60"	Step=10"	Cad= 258s	7.168s/pixel
Rast=30"x30"	Step=0"	Pitch=+123"	Yaw=+639"
86/02/03 D0Y=34			
Event # = 8143	D0Y=34	SMM Pointing:	Pitch=+84", Yaw=+547", Roll=0deg
86/02/03, 09:23	Peak	Importance=B4	H.Ang=35deg
GOES 09:20	09:23	Qual=01	
HXRBS 09:22:32	09:22:36	Peak...c/s=68	
UVSP 09:35		WaveLength=2788A	
MaxkeV=62			
Rast=180"x1"	Step=0"	Pitch=+89"	Yaw=+477"
Event # = 8144			
86/02/03, 20:49	D0Y=34	SMM Pointing:	Pitch=+77", Yaw=+461", Roll=0deg
Optical 20:34	20:49	Ha...Class=1B	H.Ang=29deg
GOES 20:36	21:15	Importance=M2	
HXRBS 20:36:47	20:37:14	Qual=02	
UVSP 21:17	20:38:09	Peak...c/s=4174	H.Ang=26deg
Radio Sweeps		WaveLength=1375A	
Radio Frequency(MHz)/Flux(sfu):	IV/3 V/3	245/1500 410/2200 606/83 1415/100 2695/210 4995/370 8800/1600 15400/1100	
Mac.=DKC	Carr.Lon.=61deg		
Flags=M5			
MaxkeV=197			
Rast=280"x280"	Step=10"	Pitch=+84"	Yaw=+465"
Event # = 8145			
86/02/03, 21:15	D0Y=34	SMM Pointing:	Pitch=+76", Yaw=+448", Roll=0deg
HXRBS 21:15:10	21:15:25	Qual=12	H.Ang=28deg
UVSP 21:17	21:17	Peak...c/s=132	
		WaveLength=1375A	
Flags=SM,SG,DG			
MaxkeV=115			
Rast=280"x280"	Step=10"	Pitch=+84"	Yaw=+465"
Event # = 21190			
86/02/03, 23:43	D0Y=34	SMM Pointing:	Pitch=+75", Yaw=+435", Roll=0deg
BCS 23:41	23:47	Qual= 1	H.Ang=27deg
FCS 23:47	23:47	CaPeak.c/s=24	
UVSP 23:45		Peak3..c/s=16	
		WaveLength=1375A	
FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=603400
Rast=60"x60"	Step=10"	Cad=36.9s	1.024s/pixel
Rast=280"x280"	Step=10"	Pitch=+83"	Yaw=+445"
86/02/04 D0Y=35			
Event # = 8146	D0Y=35	SMM Pointing:	Pitch=+74", Yaw=+381", Roll=0deg
86/02/04, 05:30	Peak	Importance=B9	H.Ang=23deg
GOES 05:00	05:30	Qual=04	
HXRBS 05:15:56	05:16:14	Peak...c/s=88	
UVSP 05:28		WaveLength=1375A	
Radio Frequency(MHz)/Flux(sfu):	4995/45 8800/51		
MaxkeV=62			
Rast=30"x30"	Step=0"	Pitch=+66"	Yaw=+371"

Event # = 8147			SMM Pointing:	S10E23			Pitch=+72",Yaw=+368",Roll=0deg	H.Ang=23deg	
86/02/04,07:41	DOY=35	Peak	End times						
Optical			Ha...Class=38	S03E21			Mac.=DKC	Carr.Lon.=61deg	
GOES 07:32	07:41	08:40	Importance=X3	Qual=02			MaxkeV=422	Flags=M5,EN	
HXRBS 07:33:09	07:37:14	07:38:26	Peak...c/s=85220	Qual=03			Rast=243"x243"	Step=3" Pitch=+78",Yaw=+385"	
UVSP 06:59			Wavelength=2788A	Code=00					
Radio Sweeps			Type/Intensity:						
Radio Frequency(MHz)/Flux(sfu):			245/14000 410/860 606/1100 1415/550 2695/820 4995/1900 8800/6700 15400/19000						
Event # = 8149			SMM Pointing:	S10E21			Pitch=+71",Yaw=+342",Roll=0deg	H.Ang=21deg	
86/02/04,10:29	DOY=35	Peak	End times						
Optical			Ha...Class=1B	S02E68			Mac.=CAO	Carr.Lon.=12deg	
GOES 10:18	10:29	10:54	Importance=M6	Qual=03			MaxkeV=526	Flags=M5,SA	
HXRBS 10:22:48	10:26:04	10:46:39	Peak...c/s=8487	Qual=02			Rast=180"x1"	Step=0" Pitch=+77",Yaw=+358"	
UVSP 10:46			Wavelength=2788A						
Event # = 8150			SMM Pointing:	S10E17			Pitch=+67",Yaw=+274",Roll=0deg	H.Ang=17deg	
86/02/04,16:10	DOY=35	Peak	End times						
GOES 16:10:36	16:10:54	16:11:48	Peak...c/s=71	Qual=00			MaxkeV=62	Pitch=+61",Yaw=+286"	
HXRBS 16:11			Wavelength=1375A	Qual=01			Rast=30"x30"	Step=0" Pitch=+61",Yaw=+286"	
UVSP 16:11									
Event # = 8151			SMM Pointing:	S10E15			Pitch=+67",Yaw=+245",Roll=0deg	H.Ang=15deg	
86/02/04,19:32	DOY=35	Peak	End times						
GOES 19:27	19:32	20:00	Importance=B7	Qual=01			MaxkeV=62	Pitch=-20",Yaw=+168"	
HXRBS 19:29:57	19:30:16	19:31:46	Peak...c/s=97	Qual=01			Rast=30"x30"	Step=0" Pitch=-20",Yaw=+168"	
UVSP 19:20			Wavelength=1375A	Code=00					
86/02/05 DOY=36									
Event # = 8152			SMM Pointing:	S10E12			Pitch=+65",Yaw=+203",Roll=0deg	H.Ang=13deg	
86/02/05,00:59	DOY=36	Peak	End times						
Optical			Ha...Class=SF	S06E11			Mac.=DKI	Carr.Lon.=61deg	
GOES 00:40	00:59	01:16	Importance=C4	Qual=02			MaxkeV=115	#Peaks=1 dt= 7.7s XEN=603600	
HXRBS 00:41:27	00:46:30	00:56:34	Peak...c/s=210	Qual=01			FePeak.c/s=9	Step=10" Cad= 922s 1.024s/pixel	
BCS 00:46	00:46	00:48	CaPeak.c/s=23	Qual= 2			Rast=300"x300"	Step=0" Pitch=+68",Yaw=+197"	
FCS 00:47	00:47		Peak3...c/s=71						
UVSP 00:55			Wavelength=1375A	Code=00					
Radio Frequency(MHz)/Flux(sfu):			245/4000 410/280 606/41 1415/43 2695/47 4995/77 8800/78 15400/100						
Event # = 8153			SMM Pointing:	S10E10			Pitch=+65",Yaw=+174",Roll=0deg	H.Ang=11deg	
86/02/05,03:30	DOY=36	Peak	End times						
GOES 03:30:24	03:30:54	03:31:36	Peak...c/s=68	Qual=00			MaxkeV=63	Step=0" Pitch=+18",Yaw=+144"	
HXRBS 03:28			Wavelength=1375A	Qual=01			Rast=30"x30"	Step=0" Pitch=+18",Yaw=+144"	
UVSP 03:28									

Event # = 8575		86/02/05,10:22		DOY=36		S10E07		Pitch=+63", Yaw=+110", Roll=0deg		H. Ang=7deg	
Start		End times		SMM Pointing:		Qual=02		MaxkeV=63		Flags=I	
GOES 10:17		11:11		Importance=C1		Qual=01		FePeak.c/s=7		#Peaks=1	
HXRBS 10:19:02		10:20:23		Peak...c/s=55		Qual=1		Rast=0"x0"		Step=0"	
BCS 10:17		10:20		CaPeak.c/s=22		Code=00		Exp #=35846		dt= 7.7s	
FCS 10:19				Peak3...c/s=77						Cad= 768s	
UVSP 10:11				Wavelength=1375A						Pitch=+96", Yaw=+83"	
Event # = 8154		86/02/05,12:55		DOY=36		S10E05		Pitch=+63", Yaw=+88", Roll=0deg		H. Ang=6deg	
Start		End times		SMM Pointing:		Qual=02		Mac.=DKI		Carr. Lon.=60deg	
Optical				Ha...Class=2B		Qual=02		MaxkeV=88		Flags=M, ES, DG	
GOES 12:32		13:21		Importance=M3		Qual=13		Rast=243"x243"		Step=3"	
HXRBS 12:34:08		12:35:43		Peak...c/s=377		Code=00		Exp #=35851		Pitch=+69", Yaw=+102"	
UVSP 13:09				Wavelength=2788A				2695/1200		15400/470	
Radio		Frequency(MHz)/Flux(sfu):		410/550 606/180							
Event # = 21191		86/02/05,21:58		DOY=36		S10E01		Pitch=+62", Yaw=+15", Roll=0deg		H. Ang=4deg	
Start		End times		SMM Pointing:		Qual=05		Mac.=DKI		Carr. Lon.=64deg	
Optical				Ha...Class=SF		Qual=5		FePeak.c/s=7		#Peaks=1	
GOES 21:34		22:40		Importance=B8		Code=02		Rast=0"x0"		Step=0"	
BCS 22:00		22:02		CaPeak.c/s=20		Exp #=35884		Rast=280"x280"		Pitch=+70", Yaw=+18"	
FCS 22:01				Peak3...c/s=14							
UVSP 22:01				Wavelength=1375A							
Event # = 21192		86/02/05,23:37		DOY=36		S10W01		Pitch=+62", Yaw=-14", Roll=0deg		H. Ang=4deg	
Start		End times		SMM Pointing:		Qual=04		Mac.=DKI		Carr. Lon.=66deg	
Optical				Ha...Class=SF		Qual=5		FePeak.c/s=7		#Peaks=1	
GOES 23:29		23:55		Importance=B9		Code=02		Rast=180"x180"		Step=10"	
BCS 23:34		23:40		CaPeak.c/s=22		Exp #=35893		Rast=30"x30"		Pitch=-5", Yaw=-22"	
FCS 23:38				Peak3...c/s=116							
UVSP 23:37				Wavelength=1375A							
Event # = 21193		86/02/06,01:24		DOY=37		S10W02		Pitch=+62", Yaw=-29", Roll=0deg		H. Ang=4deg	
Start		End times		SMM Pointing:		Qual=01		Mac.=DAO		Carr. Lon.=18deg	
Optical				Ha...Class=SF		Qual=1		FePeak.c/s=15		#Peaks=1	
GOES 01:14		01:40		Importance=C1		Code=00		Rast=0"x0"		Step=0"	
BCS 01:25		01:34		CaPeak.c/s=19		Exp #=35901		Rast=30"x30"		Pitch=+5", Yaw=-27"	
FCS 01:26				Peak3...c/s=55							
UVSP 01:11				Wavelength=1375A							
Event # = 8155		86/02/06,01:41		DOY=37		S10W02		Pitch=+62", Yaw=-29", Roll=0deg		H. Ang=4deg	
Start		End times		SMM Pointing:		Qual=00		MaxkeV=63		Pitch=+95", Yaw=-9"	
GOES 01:41:20		01:42:13		Peak...c/s=72		Qual=01		Rast=30"x30"		Step=0"	
HXRBS 01:28				Wavelength=1375A				Exp #=35903			

Event # = 8465
 86/02/06,06:25 DOY=37 H. Ang=84deg
 Start Peak
 Optical
 GOES 06:18 06:25 07:07 SMM Pointing: S07E85 Pitch=+101", Yaw=+964", Roll=0deg
 HXRBS 06:17:12 06:22:05 06:48:09 Ha...Class=3B S04W06 Mac.=DKI Carr. Lon.=62deg H. Ang=6deg
 BCS 06:22 06:22 06:23 Importance=X2 Qual=03
 FCS 06:22 06:22 06:23 CaPeak.c/s=19 Qual=01
 UVSP 06:20 06:22 06:23 Peak3..c/s=21
 Radio Sweeps Wave length=1375A Code=00 Tot Cts=1.18E+7 MaxkeV=527 #Peaks=1 dt= 3.8s XEN=603701
 Radio Frequency (MHz)/Flux(sfu): 245/6200 410/3500 606/990 1415/1400 2695/1300 4995/4200 8800/8800 15400/26000
 Type/Intensity: I1/3 IV/2 Exp #=35925 FePeak.c/s=68 #Peaks=1 Step=10" Cad= 590s 1.024s/pixel
 Rast=240"x240" Rast=265"x265" Pitch=+111", Yaw=+983"

Event # = 21194
 86/02/06,07:50 DOY=37 H. Ang=6deg
 Start Peak
 BCS 07:50 07:50 07:54 SMM Pointing: S10W05 Pitch=+63", Yaw=-87", Roll=0deg
 FCS 07:52 07:52 07:54 CaPeak.c/s=18 Qual= 5 FePeak=07:50 dt= 7.7s XEN=603702
 UVSP 07:46 07:52 07:54 Peak3..c/s=226 Wave length=2788A Exp #=35928 Rast=240"x240" Cad= 590s 1.024s/pixel
 Rast=243"x243" Step=3" Pitch=+69", Yaw=-70"

Event # = 8158
 86/02/06,15:30 DOY=37 H. Ang=10deg
 Start Peak
 GOES 15:26 15:30 15:38 SMM Pointing: S10W09 Pitch=+63", Yaw=-154", Roll=0deg
 HXRBS 15:27:32 15:27:44 15:28:14 Importance=B8 Qual=01
 UVSP 15:20 15:27:32 15:27:44 Peak...c/s=98 Qual=01 Tot Cts=568 MaxkeV=63
 Wave length=1375A Code=00 Exp #=35948 Rast=30"x30" Step=0" Pitch=+76", Yaw=-126"

Event # = 21195
 86/02/06,17:42 DOY=37 H. Ang=11deg
 Start Peak
 GOES 17:24 17:42 18:06 SMM Pointing: S10W10 Pitch=+63", Yaw=-174", Roll=0deg
 BCS 17:41 17:42 17:46 Importance=C1 Qual=04
 FCS 17:41 17:42 17:46 CaPeak.c/s=21 Qual= 1 FePeak=17:43 dt= 7.7s XEN=603703
 UVSP 17:36 17:42 17:46 Peak3..c/s=125 Code=00 Exp #=35958 Rast=240"x240" Cad= 590s 1.024s/pixel
 Radio Frequency (MHz)/Flux(sfu): 245/50 410/64 Wave length=1375A Code=00 Exp #=35958 Rast=30"x30" Step=0" Pitch=+76", Yaw=-197"

Event # = 21196
 86/02/06,19:19 DOY=37 H. Ang=12deg
 Start Peak
 Optical
 GOES 19:16 19:19 19:36 SMM Pointing: S10W11 Pitch=+64", Yaw=-188", Roll=0deg
 BCS 19:14 19:19 19:23 Ha...Class=SN S12W12 Mac.=DKI Carr. Lon.=61deg H. Ang=13deg
 FCS 19:16 19:19 19:23 Importance=C2 Qual=03
 UVSP 19:09 19:16 19:23 CaPeak.c/s=36 Qual= 1 FePeak=19:19 dt= 7.7s XEN=603704
 Wave length=1375A Code=00 Exp #=35964 Peak3..c/s=158 Rast=240"x240" Cad= 590s 1.024s/pixel
 Rast=30"x30" Step=0" Pitch=+76", Yaw=-221"

Event # = 8159
 86/02/06,20:27 DOY=37 H. Ang=13deg
 Start Peak
 Optical
 GOES 20:25 20:27 20:31 SMM Pointing: S10W12 Pitch=+63", Yaw=-202", Roll=0deg
 HXRBS 20:26:05 20:26:21 20:26:39 Ha...Class=SF S06W15 Mac.=DKI Carr. Lon.=63deg H. Ang=15deg
 UVSP 20:20 20:26:05 20:26:39 Peak...c/s=83 Qual=01 Tot Cts=453 MaxkeV=63
 Wave length=1375A Code=00 Exp #=35968 Rast=30"x30" Step=0" Pitch=+76", Yaw=-212"

Event # = 21197									
86/02/06, 23:27	Start	DOY=37	Peak	S10W13	SMM Pointing:	End times	Pitch=+72", Yaw=-208", Roll=0deg	H. Ang=13deg	
GOES	23:09	23:27	23:27	Qual=00	CaPeak.c/s=27	23:41	FePeak.c/s=13	dt= 7.7s	XEN=603705
BCS				Qual=1	Peak3..c/s=107		Rast=0" x0"	Step=0"	Cad= 129s
FCS					Wavelength=1375A		Step=0"		Pitch=+75", Yaw=-251"
UVSP	23:11			Exp #=35982					
86/02/07 DOY=38									
Event # = 8160									
86/02/07, 01:38	Start	DOY=38	Peak	S10W14	SMM Pointing:	End times	Pitch=+69", Yaw=-229", Roll=0deg	H. Ang=14deg	
Optical				S09W16	Ha...Class=SF		Mac. =DKI	Carr. Lon.=61deg	H. Ang=16deg
GOES	01:32	01:38	01:47	Qual=03	Importance=89	01:37:23	MaxkeV=63	Step=10"	Pitch=+80", Yaw=-218"
HXRBS	01:37:02	01:37:08	01:37:23	Qual=01	Peak...c/s=62		Rast=280" x280"		
UVSP	01:39			Code=02	Wavelength=1375A				
Event # = 21198									
86/02/07, 02:28	Start	DOY=38	Peak	S10W15	SMM Pointing:	End times	Pitch=+72", Yaw=-241", Roll=0deg	H. Ang=15deg	
GOES	02:25	02:28	02:43	Qual=00	CaPeak.c/s=20	02:43	FePeak.c/s=14	dt= 7.7s	XEN=603800
BCS				Qual=1	Peak3..c/s=69		Rast=0" x0"	Step=0"	Cad= 129s
FCS					Wavelength=1375A		Step=0"		Pitch=+46", Yaw=-339"
UVSP	02:20			Exp #=35998					
Event # = 8161									
86/02/07, 02:38	Start	DOY=38	Peak	S10W15	SMM Pointing:	End times	Pitch=+72", Yaw=-241", Roll=0deg	H. Ang=15deg	
GOES	02:37:53	02:38:01	02:38:06	Qual=00	Peak...c/s=105	02:38:06	MaxkeV=63	Step=10"	Pitch=+81", Yaw=-227"
HXRBS	02:37:53	02:38:01	02:38:06	Qual=01	Wavelength=1375A		Rast=280" x280"		
UVSP	02:37			Tot Cts=261					
				Exp #=35999					
Event # = 8162									
86/02/07, 03:06	Start	DOY=38	Peak	S10W15	SMM Pointing:	End times	Pitch=+72", Yaw=-241", Roll=0deg	H. Ang=15deg	
GOES	03:04	03:06	03:13	Qual=03	Importance=C1	03:13	MaxkeV=115	Step=0"	Pitch=+96", Yaw=-235"
HXRBS	03:06:03	03:06:17	03:06:27	Qual=01	Peak...c/s=296		Rast=30" x30"		
UVSP	02:56			Code=00	Wavelength=1375A				
Radio				Code=00	Frequency(MHz)/Flux(sfu):				
					15400/62				
Event # = 8163									
86/02/07, 04:02	Start	DOY=38	Peak	S10W15	SMM Pointing:	End times	Pitch=+73", Yaw=-256", Roll=0deg	H. Ang=16deg	
GOES	04:01	04:02	04:12	Qual=01	Importance=B6	04:12	MaxkeV=63	Step=0"	Pitch=+86", Yaw=-304"
HXRBS	04:02:49	04:03:06	04:03:25	Qual=01	Peak...c/s=82		Rast=30" x30"		
UVSP	03:54			Code=00	Wavelength=1375A				
				Tot Cts=211					
				Exp #=36006					
Event # = 8164									
86/02/07, 07:32	Start	DOY=38	Peak	S11W17	SMM Pointing:	End times	Pitch=+74", Yaw=-284", Roll=0deg	H. Ang=18deg	
Optical				S08W18	Ha...Class=SF		Mac. =DKI	Carr. Lon.=60deg	H. Ang=18deg
GOES	07:28	07:32	07:42	Qual=01	Importance=B9	07:42	MaxkeV=63	Step=5"	Pitch=+80", Yaw=-267"
HXRBS	07:28:35	07:28:44	07:29:23	Qual=01	Peak...c/s=74		Rast=265" x265"		
BCS	07:32	07:32	07:36	Qual=1	CaPeak.c/s=22				
FCS				Code=00	Peak3..c/s=42				
UVSP	07:21			Code=00	Wavelength=1375A				
				Tot Cts=566					
				FePeak=07:32					
				Exp #=36019					

Event # = 8576
86/02/07, 10:34 Start DOY=38 Peak 10:34
Optical SMM Pointing: S10W19 H.Ang=19deg
GOES 09:47 11:26 Ha...Class=2B AR4711 Carr. Lon.=60deg
HXRBS 10:42:20 11:05:45 Importance=M5 Qual=05 #Peaks=2 dt= 7.7s XEN=603802
BCS 10:42 10:56 CaPeak.c/s=196 Qual=04 Tot Cts=81200 dt= 7.7s XEN=603802
FCS 10:43 10:43 CaPeak.c/s=2377 Qual=2 FePeak=10:50 Step=10" Cad= 590s 1.024s/pixel
UVSP 10:38 10:43 Peak3..c/s=2966 Code=02 Exp #=36023 Step=3" Pitch=+81", Yaw=-296"
Radio Frequency(MHz)/Flux(sfu): 245/3500 410/820 606/280 1415/1200 2695/4100 4995/440 8800/3600
BCS 11:43 12:41 CaPeak.c/s=405 Qual=5 FePeak=11:43 #Peaks=1 dt= 3.8s XEN=603803
FCS 12:22 12:22 Peak3..c/s=623 Wavelength=1375A Associated Event # = 21199 Rast=0"x0" Cad= 768s 768.0s/pixel
UVSP 12:16 12:22 Wavelength=1375A Exp #=36024 Pitch=+84", Yaw=-312"
BCS 13:25 14:15 CaPeak.c/s=84 Qual=7 FePeak=13:56 #Peaks=1 dt= 7.7s XEN=603804
FCS 14:00 14:00 Peak3..c/s=156 Wavelength=1375A Associated Event # = 21200 Rast=0"x0" Cad= 768s 768.0s/pixel
UVSP 13:20 14:15 Wavelength=1375A Exp #=36029 Step=0" Pitch=+89", Yaw=-397"
BCS 14:52 15:49 CaPeak.c/s=45 Qual=4 FePeak=15:05 #Peaks=1 dt= 7.7s XEN=603805
FCS 15:04 15:04 Peak3..c/s=142 Wavelength=1375A Associated Event # = 21201 Rast=0"x0" Cad= 768s 768.0s/pixel
UVSP 14:55 15:04 Wavelength=1375A Exp #=36035 Pitch=+69", Yaw=-390"
BCS 16:27 17:24 CaPeak.c/s=32 Qual=5 FePeak=16:41 #Peaks=1 dt= 7.7s XEN=603806
FCS 16:45 16:45 Peak3..c/s=118 Wavelength=1375A Associated Event # = 21202 Rast=0"x0" Cad= 768s 768.0s/pixel
UVSP 16:27 17:24 Wavelength=1375A Exp #=36040 Step=10" Pitch=+58", Yaw=-59"
BCS 18:01 18:58 CaPeak.c/s=24 Qual=4 FePeak=18:25 #Peaks=1 dt= 7.7s XEN=603807
FCS 18:49 18:49 Peak3..c/s=102 Wavelength=1375A Associated Event # = 21203 Rast=0"x0" Cad= 768s 768.0s/pixel
UVSP 18:03 18:49 Wavelength=1375A Exp #=36049 Step=0" Pitch=+62", Yaw=-409"

Event # = 8166
86/02/07, 22:58 Start DOY=38 Peak 22:58
Optical SMM Pointing: S10W28 H.Ang=28deg
GOES 22:54 23:03 Ha...Class=SF M00E09 Carr. Lon.=25deg
HXRBS 22:54:16 22:55:25 Importance=B8 Qual=01 #Peaks=1 dt= 7.7s XEN=603808
UVSP 22:46 22:46 CaPeak.c/s=75 Qual=01 Tot Cts=6360 dt= 7.7s XEN=603808
FCS 22:46 22:46 Peak3..c/s=147 Qual=1 FePeak=23:28 Step=0" Cad= 26s 0.256s/pixel
UVSP 22:46 22:46 Wavelength=1375A Exp #=36073 Rast=0"x0" Cad= 26s 0.256s/pixel
UVSP 22:46 22:46 Wavelength=1375A Exp #=36078 Step=10" Pitch=+89", Yaw=-440"

Event # = 8167
86/02/07, 23:29 Start DOY=38 Peak 23:29
Optical SMM Pointing: S10W28 H.Ang=28deg
GOES 23:25 23:40 Ha...Class=SN S08W27 Carr. Lon.=60deg
HXRBS 23:25:52 23:27:47 Importance=C1 Qual=01 #Peaks=1 dt= 7.7s XEN=603808
BCS 23:28 23:29 CaPeak.c/s=34 Qual=1 FePeak=23:28 Step=0" Cad= 26s 0.256s/pixel
FCS 23:28 23:29 Peak3..c/s=147 Qual=1 FePeak=23:28 Step=0" Cad= 26s 0.256s/pixel
UVSP 23:39 23:39 Wavelength=1375A Exp #=36078 Step=10" Pitch=+89", Yaw=-440"

Event # = 21204		86/02/08		DOY=39	
86/02/08,04:23	DOY=39	S10W31		Pitch=+83",Yaw=-489",Roll=0deg	H.Ang=31deg
Optical	Peak	SMM Pointing:		Mac.=DAI	H.Ang=33deg
GOES 04:16	04:23	Ha...Class=SF	AR4711	FePeak.c/s=9	dt= 7.7s
BCS 04:21	04:22	Importance=C1		Rast=300"x300"	XEN=603900
FCS	04:22	CaPeak.c/s=23		Rast=280"x280"	Cad= 922s
UVSP	04:22	Peak3..c/s=18	Exp #=36102	Step=10"	Pitch=+92",Yaw=-478"
		Wavelength=1375A	Code=00		
Event # = 21205					
86/02/08,16:44	DOY=39	S10W38		Pitch=+90",Yaw=-585",Roll=0deg	H.Ang=37deg
Optical	Peak	SMM Pointing:		Mac.=DAI	H.Ang=37deg
GOES 16:00	16:44	Ha...Class=SF	AR4711	FePeak.c/s=70	dt= 7.7s
BCS 16:20	16:45	Importance=B6		Rast=240"x240"	XEN=603901
FCS	16:44	CaPeak.c/s=28	Exp #=36145	Step=10"	Cad= 590s
UVSP	16:40	Peak3..c/s=138		Step=0"	Pitch=+113",Yaw=-606"
		Wavelength=1375A	Code=00		
		Type/Intensity:	V/1		
Event # = 8168					
86/02/08,21:41	DOY=39	S11W43		Pitch=+106",Yaw=-658",Roll=0deg	H.Ang=43deg
GOES 21:38	21:41	SMM Pointing:		MaxkeV=63	
HXRBS 21:40:02	21:40:13	Importance=84		Rast=30"x30"	Step=0"
UVSP 21:41	21:40:56	Peak...c/s=73	Exp #=36171		Pitch=-11",Yaw=-722"
		Wavelength=1375A	Code=02		
		Type/Intensity:	III/1		
Event # = 21206					
86/02/08,22:27	DOY=39	S11W44		Pitch=+107",Yaw=-669",Roll=0deg	H.Ang=44deg
GOES 22:20	22:27	SMM Pointing:		FePeak.c/s=60	dt= 7.7s
BCS 22:23	22:27	Importance=85		Rast=0"x0"	XEN=603902
FCS	22:28	CaPeak.c/s=29	Exp #=36173	Step=0"	Cad= 129s
UVSP	22:21	Peak3..c/s=154		Step=0"	Pitch=+100",Yaw=-656"
		Wavelength=1375A	Code=00		
Event # = 21207					
86/02/09,00:06	DOY=40	S11W45		Pitch=+108",Yaw=-679",Roll=0deg	H.Ang=45deg
GOES 00:04	00:06	SMM Pointing:		FePeak.c/s=49	dt= 7.7s
BCS 00:05	00:09	CaPeak.c/s=25		Rast=0"x0"	XEN=604000
UVSP 23:56	00:05	Peak3..c/s=96	Exp #=36181	Step=0"	Cad= 129s
		Wavelength=1375A	Code=00	Step=0"	Pitch=+41",Yaw=-666"
Event # = 8169					
86/02/09,04:51	DOY=40	S11W48		Pitch=+111",Yaw=-710",Roll=0deg	H.Ang=48deg
GOES 04:51:09	04:51:29	SMM Pointing:		MaxkeV=63	
HXRBS 04:46	04:52:16	Peak...c/s=66	Exp #=36205	Rast=30"x30"	Step=0"
UVSP 04:46	04:52:16	Wavelength=1375A			Pitch=+75",Yaw=-658"

Event # = 8170	DOY=40	SMM Pointing:	S11W57	Pitch=+125", Yaw=-802", Roll=0deg	H. Ang=56deg
86/02/09, 21:07	Peak	Importance=C2	Qual=03		
GOES 21:00	21:07	Peak...c/s=255	Qual=01		
HXRBS 21:06:59	21:07:16	Wavelength=1375A	Code=00	Tot Cts=3057	
UVSP 20:57				Exp #=36261	Step=0" Pitch=+48", Yaw=-788"
MaxkeV=88					
Rast=30"x30"					
Event # = 21208	DOY=40	SMM Pointing:	S11W57	Pitch=+125", Yaw=-802", Roll=0deg	H. Ang=56deg
86/02/09, 21:46	Peak	Importance=C1	Qual=05		
GOES 21:21	21:46	CaPeak.c/s=20	Qual=4	FePeak=21:57	
BCS 21:53	21:54	Peak3..c/s=152			
FCS 22:02	22:02	Wavelength=1375A	Code=02	Exp #=36264	
UVSP 21:54					
Radio Sweeps	Type/Intensity:	III/1			
Event # = 21209	DOY=41	SMM Pointing:	S11W64	Pitch=+136", Yaw=-859", Roll=0deg	H. Ang=63deg
86/02/10, 12:01	Peak	Ha...Class=SB	Qual=05		
Optical 11:43	12:01	Importance=C3	Qual=5	FePeak=12:03	
GOES 12:02	12:02	CaPeak.c/s=89			
BCS 12:49	12:42	Peak3..c/s=474			
FCS 12:33		Wavelength=2788A		Exp #=36324	
UVSP 12:33					
Event # = 21211	DOY=41	SMM Pointing:	S03W21	Pitch=-54", Yaw=-354", Roll=0deg	H. Ang=22deg
86/02/10, 16:34	Peak	Importance=C2	Qual=05		
GOES 16:02	16:34	CaPeak.c/s=25	Qual=4	FePeak=16:52	
BCS 16:45	16:47	Peak3..c/s=207			
FCS 16:57	16:57	Wavelength=1375A		Exp #=36338	
UVSP 16:46					
Event # = 8174	DOY=41	SMM Pointing:	S03W24	Pitch=-52", Yaw=-395", Roll=0deg	H. Ang=24deg
86/02/10, 20:46	Peak	Ha...Class=SB	Qual=03		
Optical 20:17	20:46	Importance=M1	Qual=01		
GOES 20:18:30	20:22:00	Peak...c/s=1096	Qual=1	Tot Cts=1.29E+5	
HXRBS 20:16	20:40	CaPeak.c/s=418		FePeak=20:36	
BCS 20:44	20:44	Peak3..c/s=646			
FCS 20:32		Wavelength=1375A	Code=00	Exp #=36359	
UVSP 20:32					
Radio Sweeps	Type/Intensity:	II/2 IV/2			
Radio Frequency (MHz)/Flux(sfu):		245/1100 410/460 606/240 1415/370 2695/740 4995/720 8800/790 15400/480			
Event # = 21212	DOY=41	SMM Pointing:	S03W25	Pitch=-51", Yaw=-408", Roll=0deg	H. Ang=25deg
86/02/10, 21:28	Peak	CaPeak.c/s=115	Qual=00		
GOES 21:28	21:28	Peak3..c/s=334	Qual=5	FePeak=21:36	
BCS 21:58	21:58	Wavelength=1375A			
FCS 21:29				Exp #=36362	
UVSP 21:29					

Event # = 8175												
86/02/10, 21:55	DOY=41	SMM Pointing:		S03W25	Pitch=-51", Yaw=-408", Roll=0deg				H.Ang=25deg			
Start	Peak	End times										
GOES 21:54	21:55:10	22:05	21:56:46	Importance=C4	Qual=01				MaxkeV=63			
HXRBS 21:54:14	21:55:10	21:56:46	21:56:46	Peak...c/s=67	Qual=01				Rast=30"x30"			
UVSP 21:48	21:55:10	21:56:46	21:56:46	Wavelength=1375A	Tot Cts=993				Step=0" Pitch=-88", Yaw=-479"			
					Exp #=36365							
86/02/11												
Event # = 8176												
86/02/11, 01:07	DOY=42	SMM Pointing:		S03W29	Pitch=-47", Yaw=-478", Roll=0deg				H.Ang=30deg			
Start	Peak	End times										
Optical				Ha...Class=IN	AR4713				H.Ang=34deg			
GOES 00:39	01:07	01:11	01:02:34	Importance=C4	Qual=03							
HXRBS 00:59:20	00:59:56	01:02:34	01:02:34	Peak...c/s=273	Qual=01				MaxkeV=142			
UVSP 00:58	00:59:56	01:02:34	01:02:34	Wavelength=1375A	Code=00				Rast=30"x30"			
					Exp #=36381				Step=0" Pitch=-94", Yaw=-526"			
86/02/11												
Event # = 21215												
86/02/11, 03:41	DOY=42	SMM Pointing:		S03W30	Pitch=-47", Yaw=-489", Roll=0deg				H.Ang=30deg			
Start	Peak	End times										
Optical				Ha...Class=IB	AR4713				Mac.=DKI			
GOES 03:28	03:41	04:13	04:13	Importance=M1	Qual=05				FePeak.c/s=63			
BCS 03:55	03:55	04:43	04:43	CaPeak.c/s=436	Qual= 5				dt= 3.8s XEN=604200			
FCS 03:54	03:58	04:43	04:43	Peak3...c/s=1388	FePeak=03:55				Step=10" Cad= 332s 1.024s/pixel			
UVSP 03:54	03:58	04:43	04:43	Wavelength=1375A	Exp #=36394				Rast=280"x280"			
Radio	Frequency (MHz)/Flux(sfu): 4995/28 8800/55 15400/21											
86/02/11												
Event # = 21213												
86/02/11, 08:55	DOY=42	SMM Pointing:		S03W34	Pitch=-43", Yaw=-540", Roll=0deg				H.Ang=34deg			
Start	Peak	End times										
Optical				Ha...Class=SF	AR4713				Mac.=DKI			
GOES 08:51	08:55	09:05	08:58	Importance=C1	Qual=01				Carr. Lon.=26deg			
BCS 08:54	08:54	08:58	08:58	CaPeak.c/s=26	Qual= 1				#Peaks=1 dt= 7.7s XEN=604201			
FCS 08:55	08:55	08:58	08:58	Peak3...c/s=322	FePeak=08:54				Step=10" Cad= 590s 1.024s/pixel			
UVSP 08:51	08:55	08:58	08:58	Wavelength=1375A	Exp #=36413				Rast=30"x30"			
					Code=00				Pitch=-100", Yaw=-600"			
86/02/11												
Event # = 21214												
86/02/11, 12:11	DOY=42	SMM Pointing:		S03W35	Pitch=-41", Yaw=-564", Roll=0deg				H.Ang=35deg			
Start	Peak	End times										
GOES 11:37	12:11	12:33	12:33	CaPeak.c/s=25	Qual=00				#Peaks=1 dt= 7.7s XEN=604202			
BCS 11:37	12:11	12:33	12:33	Peak3...c/s=144	Qual= 4				Step=10" Cad= 590s 1.024s/pixel			
FCS 12:08	12:12	12:33	12:33	Wavelength=2788A	Exp #=36425				Rast=243"x243"			
UVSP 12:08	12:12	12:33	12:33						Step=3" Pitch=-35", Yaw=-548"			
86/02/11												
Event # = 21216												
86/02/11, 13:47	DOY=42	SMM Pointing:		S03W36	Pitch=-40", Yaw=-576", Roll=0deg				H.Ang=36deg			
Start	Peak	End times										
GOES 13:42	13:47	14:00	14:00	Importance=C2	Qual=01				#Peaks=1 dt= 3.8s XEN=604203			
BCS 13:11	13:48	14:08	14:08	CaPeak.c/s=51	Qual= 4				Step=10" Cad= 768s 768.0s/pixel			
FCS 13:47	13:48	14:08	14:08	Peak3...c/s=166	Exp #=36429				Rast=30"x30"			
UVSP 13:44	13:47	14:08	14:08	Wavelength=1375A	Code=00				Step=0" Pitch=-97", Yaw=-657"			

Event # = 21217											
86/02/11,14:45	DOY=42	SMM Pointing:	S03W37	Pitch=-39",	Yaw=-588",	Roll=0deg	H. Ang=37deg				
GOES	14:45	End times	Qual=00	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=604204				
BCS	14:45	15:23	Qual= 5	FePeak=14:45	Step=10"	Pitch=10"	1.024s/pixel				
FCS	15:22		Wave length=1375A	Exp #=36432							
UVSP	14:46										
Event # = 8177											
86/02/11,23:25	DOY=42	SMM Pointing:	S04W42	Pitch=-16",	Yaw=-655",	Roll=0deg	H. Ang=42deg				
Optical	22:50	End times	N00W43	Mac.=DKI	Carr. Lon.=24deg	H. Ang=43deg					
GOES	23:25	23:45	Qual=03	AR4713							
HXRBS	23:04:42	23:24:29	Qual=01	Tot Cts=37509	Flags=I						
BCS	23:01	23:18	Qual= 1	FePeak=23:16	#Peaks=1	dt= 7.7s	XEN=604205				
FCS	23:18		CaPeak.c/s=624		Step=10"						
UVSP	23:16		Peak3..c/s=1310	Code=00	Step=0"	Pitch=-42",	Yaw=-67"				
Radio Sweeps			Wave length=1375A	Exp #=36475							
			Type/Intensity:	II/1							
Event # = 21218											
86/02/12,00:11	DOY=43	SMM Pointing:	S04W43	Pitch=-15",	Yaw=-666",	Roll=0deg	H. Ang=43deg				
BCS	00:11	End times	Qual= 5	FePeak=00:14	#Peaks=1	dt= 7.7s	XEN=604300				
FCS	00:19	00:23	CaPeak.c/s=23		Step=10"						
UVSP	00:13		Peak3..c/s=357	Exp #=36478							
			Wave length=1375A								
Event # = 8178											
86/02/12,04:10	DOY=43	SMM Pointing:	S04W45	Pitch=-13",	Yaw=-688",	Roll=0deg	H. Ang=45deg				
GOES	04:08	End times	Qual=01	MaxkeV=63							
HXRBS	04:09:47	04:15	Importance=85	Rast=255"x255"	Step=3"	Pitch=-5",	Yaw=-673"				
UVSP	04:03	04:09:50	Peak...c/s=74	Exp #=36499							
			Wave length=1375A								
Event # = 21219											
86/02/12,05:09	DOY=43	SMM Pointing:	S04W46	Pitch=-11",	Yaw=-698",	Roll=0deg	H. Ang=46deg				
GOES	05:05	End times	Qual=01	FePeak.c/s=15	#Peaks=1	dt= 7.7s	XEN=604301				
BCS	05:09	06:00	Importance=C2	FePeak=05:09	Step=10"						
FCS	05:10	05:16	CaPeak.c/s=43		Step=10"						
UVSP	05:07		Peak3..c/s=303	Code=00	Step=3"	Pitch=-4",	Yaw=-680"				
			Wave length=2788A	Exp #=36500							
Event # = 21220											
86/02/12,11:53	DOY=43	SMM Pointing:	S04W49	Pitch=-737",	Yaw=+6",	Roll=90deg	H. Ang=49deg				
GOES	11:50	End times	Qual=01	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=604302				
BCS	11:54	12:00	Importance=C1	Rast=0"x0"	Step=0"						
FCS	11:54	11:57	CaPeak.c/s=23	FePeak=11:54	Step=0"						
UVSP	11:50		Peak3..c/s=139	Rast=265"x265"	Step=5"	Pitch=-735",	Yaw=+25"				
			Wave length=1375A	Code=00	Exp #=36513						

Event # = 21221	DOY=43	SMM Pointing:	S02W55	End times	Pitch=+31", Yaw=+797", Roll=180deg	H. Ang=55deg
86/02/12, 17:27	Peak	Importance=88	Qual=05	18:20		
GOES 17:00	17:27	CaPeak.c/s=19	Qual= 5	17:35	FePeak.c/s=10 #Peaks=1 dt= 7.7s XEN=604303	
BCS 17:29	17:29	Peak3..c/s=131	Code=02		Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel	
FCS 17:33	17:33	Wave length=1375A	Exp #=36525		Rast=280"x280" Pitch=10" Step=10" Cad= 332s 1.024s/pixel	
UVSP 17:31						
Event # = 21222	DOY=43	SMM Pointing:	S02W58	End times	Pitch=+25", Yaw=+826", Roll=180deg	H. Ang=58deg
86/02/12, 21:22	Peak	Importance=88	Qual=00			
GOES 21:22	21:22	CaPeak.c/s=19	Qual= 1	21:34	FePeak.c/s=13 #Peaks=1 dt= 7.7s XEN=604304	
BCS 21:24	21:24	Peak3..c/s=29	Code=02		Rast=300"x300" Step=10" Cad= 922s 1.024s/pixel	
FCS 21:16		Wave length=1375A	Exp #=36546		Rast=30"x30" Pitch=0" Step=0" Cad= 922s 1.024s/pixel	
UVSP 21:16						
Event # = 21223	DOY=43	SMM Pointing:	S02W58	End times	Pitch=+25", Yaw=+826", Roll=180deg	H. Ang=58deg
86/02/12, 22:08	Peak	Importance=C3	Qual=05			
GOES 22:01	22:08	CaPeak.c/s=22	Qual= 5	22:15	FePeak.c/s=15 #Peaks=1 dt= 7.7s XEN=604305	
BCS 22:12	22:12	Peak3..c/s=57	Code=02		Rast=0"x0" Step=0" Cad=2.05s 2.048s/pixel	
FCS 22:20	22:20	Wave length=1375A	Exp #=36549		Rast=280"x280" Pitch=10" Step=10" Cad=2.05s 2.048s/pixel	
UVSP 22:13						
Event # = 21224	DOY=43	SMM Pointing:	S02W58	End times	Pitch=+25", Yaw=+826", Roll=180deg	H. Ang=58deg
86/02/12, 23:03	Peak	Importance=B9	Qual=01			
GOES 23:01	23:03	CaPeak.c/s=19	Qual= 1	23:05	FePeak.c/s=15 #Peaks=1 dt= 7.7s XEN=604306	
BCS 23:03	23:05	Peak3..c/s=51	Code=00		Rast=0"x0" Step=0" Cad=.26s 0.256s/pixel	
FCS 23:03	23:05	Wave length=1375A	Exp #=36554		Rast=30"x30" Pitch=0" Step=0" Cad=.26s 0.256s/pixel	
UVSP 22:51						
Event # = 21225	DOY=44	SMM Pointing:	S02W59	End times	Pitch=+24", Yaw=+837", Roll=180deg	H. Ang=59deg
86/02/13, 00:24	Peak	Importance=C1	Qual=01			
GOES 00:20	00:24	CaPeak.c/s=18	Qual= 1	00:29	FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=604400	
BCS 00:29	00:29	Peak3..c/s=51	Code=00		Rast=0"x0" Step=0" Cad= 129s 129.0s/pixel	
FCS 00:30	00:30	Wave length=1375A	Exp #=36562		Rast=265"x265" Pitch=5" Step=5" Cad= 129s 129.0s/pixel	
UVSP 00:20						
Event # = 8179	DOY=44	SMM Pointing:	S02W59	End times	Pitch=+24", Yaw=+837", Roll=180deg	H. Ang=59deg
86/02/13, 00:35	Peak	Importance=C1	Qual=01			
GOES 00:33	00:35	CaPeak.c/s=132	Qual=01	00:40	MaxkeV=89	
HXRBS 00:33:55	00:34:02	Peak3..c/s=26	Qual= 1	00:37	FePeak.c/s=12 #Peaks=1 dt= 7.7s XEN=604401	
BCS 00:34	00:34	Wave length=1375A	Code=01		Rast=0"x0" Step=0" Cad= 129s 129.0s/pixel	
FCS 00:35	00:35		Exp #=36562		Rast=265"x265" Pitch=5" Step=5" Cad= 129s 129.0s/pixel	
UVSP 00:20						
Event # = 8180	DOY=44	SMM Pointing:	S02W61	End times	Pitch=+20", Yaw=+850", Roll=180deg	H. Ang=61deg
86/02/13, 01:52	Peak	Importance=B4	Qual=01			
GOES 01:50	01:52	CaPeak.c/s=89	Qual=01	01:55	MaxkeV=63	
HXRBS 01:51:09	01:51:26	Wave length=2788A	Code=00		Rast=243"x243" Pitch=3" Step=3" Cad= 129s 129.0s/pixel	
UVSP 01:22			Exp #=36564			

Event # = 21227												
86/02/13, 03:02	DOY=44	SMM Pointing:		S02W61	Pitch=+20", Yaw=+850", Roll=180deg		H. Ang=61deg					
	Peak	End times										
GOES 03:02	03:02	03:03	CaPeak.c/s=141	Qual=00	FePeak=03:02	dt= 0.5s	XEN=604402					
BCS 03:02	03:02		Peak3..c/s=82	Qual= 5		Cad=3840s	3840s/pixel					
FCS												
Event # = 21226												
86/02/13, 03:11	DOY=44	SMM Pointing:		S02W61	Pitch=+20", Yaw=+850", Roll=180deg		H. Ang=61deg					
	Peak	End times										
GOES 03:11	03:11	03:51	CaPeak.c/s=373	Qual=00	FePeak=03:10	dt= 7.7s	XEN=604403					
BCS 03:22	03:22		Peak3..c/s=334	Qual= 4		Cad= 129s	129.0s/pixel					
FCS												
Event # = 21228												
86/02/13, 04:42	DOY=44	SMM Pointing:		S02W61	Pitch=+17", Yaw=+853", Roll=180deg		H. Ang=61deg					
	Peak	End times										
GOES 04:42	04:42	04:43	CaPeak.c/s=40	Qual=00	FePeak=04:42	dt= 0.5s	XEN=604404					
BCS 04:43	04:43		Peak3..c/s=30	Qual= 5		Cad=3840s	3840s/pixel					
FCS												
Event # = 8181												
86/02/13, 04:54	DOY=44	SMM Pointing:		S02W61	Pitch=+17", Yaw=+853", Roll=180deg		H. Ang=61deg					
	Peak	End times										
GOES 04:51	04:51	05:11	Importance=C7	Qual=01								
HXRBS 04:52:22	04:53:09	04:55:12	Peak...c/s=184	Qual=01	FePeak=04:54	dt= 7.7s	XEN=604405					
BCS 04:50	04:54	05:26	CaPeak.c/s=256	Qual= 1		Cad= 851s	851.5s/pixel					
FCS	05:02		Peak3..c/s=270									

HXRBS 04:55:15	04:55:47	04:56:29	Peak...c/s=56	Associated Event # = 8182								
				Qual=01								
Event # = 8344												
86/02/13, 17:20	DOY=44	SMM Pointing:		S02W71	Pitch=+0", Yaw=+921", Roll=180deg		H. Ang=71deg					
	Peak	End times										
Optical 17:15	17:20	17:23	Ha...Class=SB	Qual=01	AR4713							
GOES 17:17:57	17:20:23	17:23:14	Importance=C2	Qual=01								
HXRBS 17:20	17:20	17:21	Peak...c/s=53	Qual= 2	Tot Cts=2694	dt= 0.5s	XEN=604406					
BCS 17:20	17:20		CaPeak.c/s=31	Qual= 2	FePeak=17:20	Cad=1.02s	1.024s/pixel					
FCS 17:05	17:21		Peak3..c/s=584									
UVSP			Wavelength=1375A	Code=00	Exp #=36567							
Event # = 8188												
86/02/13, 18:47	DOY=44	SMM Pointing:		N00W76	Pitch=+27", Yaw=+943", Roll=180deg		H. Ang=76deg					
	Peak	End times										
GOES 18:45	18:47	18:50	Peak...c/s=131	Qual=01								
HXRBS 18:47:15	18:47:45	18:47:55	Wavelength=1375A	Code=00	Tot Cts=628	Pitch=+62", Yaw=+912"						
UVSP 18:41	18:41				Exp #=36573							
Event # = 21229												
86/02/13, 19:30	DOY=44	SMM Pointing:		N00W76	Pitch=+27", Yaw=+943", Roll=180deg		H. Ang=76deg					
	Peak	End times										
GOES 19:28	19:30	19:40	Importance=B7	Qual=03	FePeak=19:33	dt= 7.7s	XEN=604407					
BCS 19:33	19:33	19:34	CaPeak.c/s=22	Qual= 1		Cad= 590s	1.024s/pixel					
FCS 19:34	19:34		Peak3..c/s=13									
UVSP 19:16	19:16		Wavelength=1375A	Code=00	Exp #=36577							

86/02/14 DOY=45

Event # = 21230
 86/02/14, 03:03 DOY=45 H. Ang=79deg
 Start Peak
 Optical SMM Pointing: Pitch=+19", Yaw=+956", Roll=180deg
 GOES 03:00 03:03 03:04 03:05 Ha...Class=SF N00W79 Mac.=EKO Carr. Lon.=28deg H. Ang=77deg
 BCS 03:03 03:04 03:06 FePeak.c/s=8 #Peaks=1 dt= 7.7s XEN=604500
 FCS 03:03 03:05 Peak3..c/s=218 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel

Event # = 8189
 86/02/14, 09:29 DOY=45 H. Ang=81deg
 Start Peak
 Optical SMM Pointing: Pitch=+19", Yaw=+960", Roll=180deg
 GOES 09:02 09:29 10:28 Ha...Class=18 N01W81 Mac.=EKO Carr. Lon.=25deg H. Ang=76deg
 HXRBS 09:09:48 09:15:40 09:43:33 Imporance=M6 AR4713 Tot Cts=1.80E+6 MaxkeV=388 Flags=M
 Radio Sweeps Type/Intensity: II/3 IV/3
 Radio Frequency(MHz)/Flux(sfu): 410/80 606/110 1415/670 2695/2100 4995/9400 8800/4300 15400/4000

Event # = 21231
 86/02/14, 15:05 DOY=45 H. Ang=87deg
 Start Peak
 GOES SMM Pointing: Pitch=+16", Yaw=+972", Roll=180deg
 BCS 15:04 15:05 15:33 CaPeak.c/s=25 N01W87 Qual=00 dt= 7.7s XEN=604501
 FCS 15:10 Peak3..c/s=103 FePeak=15:08 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel
 UVSP 15:29 Wavelength=2788A Exp #=36605 Rast=243"x243" Step=3" Pitch=+23", Yaw=+992"

Event # = 8190
 86/02/14, 15:46 DOY=45 H. Ang=87deg
 Start Peak
 Optical SMM Pointing: Pitch=+16", Yaw=+972", Roll=180deg
 GOES 15:43 15:46 16:30 Ha...Class=SB N00W79 Mac.=EKO Carr. Lon.=24deg H. Ang=79deg
 HXRBS 15:44:07 15:44:59 15:48:17 Imporance=C6 AR4713 MaxkeV=197 #Peaks=1 dt= 7.7s XEN=604502
 BCS 15:45 15:45 15:46 CaPeak.c/s=29 Qual=01 Tot Cts=38979 Step=10" Cad=36.9s 1.024s/pixel
 FCS 15:45 Peak3..c/s=209 Qual=1 FePeak=15:45 Rast=60"x60" Step=3" Pitch=+23", Yaw=+992"
 UVSP 15:29 Wavelength=2788A Code=00 Exp #=36605
 Radio Sweeps Type/Intensity: V/1
 Radio Frequency(MHz)/Flux(sfu): 245/100 410/90
 BCS 15:53 15:58 16:01 Associated Event # = 21232
 FCS 15:53 Peak3..c/s=38 Qual=1 FePeak=15:56 Rast=0"x0" Step=0" Cad=3840s 3840s/pixel

Event # = 8577
 86/02/14, 20:39 DOY=45 H. Ang=87deg
 Start Peak
 Optical SMM Pointing: Pitch=+16", Yaw=+972", Roll=180deg
 GOES 20:34 20:39 21:20 Ha...Class=SB N01W87 Mac.=EKO Carr. Lon.=29deg H. Ang=86deg
 HXRBS 20:36:16 20:37:28 20:39:07 Imporance=C4 AR4713 MaxkeV=89 #Peaks=1 dt= 7.7s XEN=604503
 UVSP 20:25 Peak...c/s=130 Qual=03 Tot Cts=6200 Step=10" Cad=3840s 3840s/pixel
 Radio Sweeps Type/Intensity: III/2 Wavelength=1375A Code=00 Exp #=36627 Rast=30"x30" Pitch=+10", Yaw=+955"

Event # = 8191
 86/02/14, 23:42 DOY=45 H. Ang=87deg
 Start Peak
 GOES 23:40 23:42 23:46 SMM Pointing: Pitch=+16", Yaw=+972", Roll=180deg H. Ang=87deg
 HXRBS 23:40:45 23:41:03 23:41:24 Imporance=B6 N01W87 MaxkeV=63 #Peaks=1 dt= 7.7s XEN=604503
 UVSP 23:33 Peak...c/s=178 Qual=01 Tot Cts=811 Step=0" Pitch=-1", Yaw=+965"
 Wavelength=1375A Code=00 Exp #=36643 Rast=30"x30"

86/02/15 DOY=46

Event # = 21233	DOY=46	SMM Pointing:	N01W86	Pitch=+19", Yaw=+971", Roll=180deg	H. Ang=86deg
86/02/15, 04:12	Peak	Code=BSL	S04W90	Mac. =DKI	H. Ang=90deg
Optical	End times	Importance=C1	Qual=01	Carr. Lon. =29deg	
GOES 04:07	04:20	CaPeak.c/s=34	AR4713	#Peaks=1 dt= 7.7s	XEN=604600
BCS 04:10	04:15	Peak3..c/s=26	FePeak=04:13	Step=10" Cad= 498s	13.82s/pixel
FCS 04:14					
Event # = 8578	DOY=46	SMM Pointing:	N01W86	Pitch=+19", Yaw=+971", Roll=180deg	H. Ang=86deg
86/02/15, 08:45	Peak	Ha...Class=SN	S01W83	Mac. =DKI	H. Ang=83deg
Optical	End times	Importance=C6	Qual=01	Carr. Lon. =19deg	
GOES 08:40	08:45	Peak...c/s=804	AR4713	Flags=I	
HXRBS 08:44:36	08:45:36	Type/Intensity: III/3	Tot Cts=20000	MaxkeV=198	
Radio Sweeps					
Event # = 8579	DOY=46	Importance=M2	Qual=03	MaxkeV=142	Flags=I, SN, IS
86/02/15, 12:03	Peak	Peak...c/s=138	Qual=12		
GOES 10:16	12:03	1415/2800 2695/2600 4995/1400 8800/1100	Tot Cts=27120		
HXRBS 11:28:21	11:29:12				
Radio	Frequency(MHz)/Flux(sfu):				
Event # = 8580	DOY=46	Importance=M1	Qual=03	MaxkeV=227	Flags=I, SN
86/02/15, 13:05	Peak	Peak...c/s=548	Qual=02		
GOES 13:04	13:05	1415/190 2695/290 4995/180 8800/170	Tot Cts=20200		
HXRBS 13:03:49	13:04:36				
Radio Sweeps	Type/Intensity: V/1				
Radio	Frequency(MHz)/Flux(sfu):				
Event # = 8581	DOY=46	Importance=M2	Qual=01	MaxkeV=354	Flags=I
86/02/15, 13:09	Peak	Peak...c/s=5178	Qual=01		
GOES 13:06	13:09		Tot Cts=1.15E+5		
HXRBS 13:08:10	13:08:53				
Radio	Frequency(MHz)/Flux(sfu):				
Event # = 21234	DOY=46	SMM Pointing:		Pitch=+16", Yaw=+1001", Roll=180deg	
86/02/15, 14:38	Peak	CaPeak.c/s=42	Qual=00		
GOES 14:38	15:35	Peak3..c/s=84	Qual=5	FePeak=14:39	XEN=604601
BCS 14:38	15:11	Wavelength=1375A	Exp #=36650	Step=10" Pitch=+25", Yaw=+1019"	1.024s/pixel
FCS 15:00					
UVSP 15:00					
Event # = 21235	DOY=46	SMM Pointing:		Pitch=+16", Yaw=+1001", Roll=180deg	
86/02/15, 17:47	Peak	CaPeak.c/s=39	Qual=06		
GOES 17:47	17:49	Peak3..c/s=41	Qual=5	FePeak=17:47	XEN=604602
BCS 17:47	17:49	Wavelength=1375A	Exp #=36664	Step=0" X0"	3840s/pixel
FCS 17:49				Step=10" Pitch=+25", Yaw=+1019"	
UVSP 17:49					

86/02/16 D0Y=47

Event # = 21236		86/02/16, 00:42		D0Y=47		Pitch=+17", Yaw=+1001", Roll=180deg	
G0ES	00:39	Start	00:42	Peak	00:42	Importance=C1	Qual=01
B0CS	00:41	Start	00:41	Peak	00:41	CaPeak.c/s=25	Qual=1
F0CS	00:42	Start	00:42	Peak	00:42	Peak3..c/s=25	FePeak=00:41
UVSP	00:05	Start	00:05	Peak	00:05	Wavelength=2788A	Code=00 Exp #=36696
Event # = 21237		86/02/16, 02:15		D0Y=47		Pitch=+17", Yaw=+1001", Roll=180deg	
G0ES	02:11	Start	02:15	Peak	02:15	Importance=C1	Qual=01
B0CS	02:12	Start	02:15	Peak	02:15	CaPeak.c/s=23	Qual=1
F0CS	02:15	Start	02:15	Peak	02:15	Peak3..c/s=28	FePeak=02:12
Event # = 21242		86/02/16, 11:46		D0Y=47		Pitch=+12", Yaw=+1008", Roll=180deg	
G0ES	11:35	Start	11:46	Peak	11:46	CaPeak.c/s=49	Qual=00
B0CS	11:35	Start	11:46	Peak	11:46	Peak3..c/s=89	Qual=1
F0CS	11:57	Start	11:57	Peak	11:57	Peak3..c/s=89	FePeak=11:40
Event # = 21238		86/02/16, 11:51		D0Y=47		Pitch=+12", Yaw=+1008", Roll=180deg	
G0ES	11:34	Start	11:51	Peak	11:51	Importance=C1	Qual=03
B0CS	11:35	Start	11:46	Peak	11:46	CaPeak.c/s=49	Qual=1
F0CS	11:57	Start	11:57	Peak	11:57	Peak3..c/s=89	FePeak=11:40
Event # = 21239		86/02/16, 14:50		D0Y=47		Pitch=+12", Yaw=+1008", Roll=180deg	
G0ES	14:36	Start	14:50	Peak	14:50	Importance=B6	Qual=03
B0CS	14:44	Start	14:49	Peak	14:49	CaPeak.c/s=29	Qual=1
F0CS	14:49	Start	14:49	Peak	14:49	Peak3..c/s=22	FePeak=14:45
Event # = 21241		86/02/16, 22:47		D0Y=47		Pitch=+12", Yaw=+1008", Roll=180deg	
G0ES	22:39	Start	22:47	Peak	22:47	CaPeak.c/s=46	Qual=00
B0CS	22:39	Start	22:47	Peak	22:47	Peak3..c/s=16	Qual=2
F0CS	22:44	Start	22:44	Peak	22:44	Wavelength=1375A	FePeak=22:47
UVSP	22:44	Start	22:44	Peak	22:44	Wavelength=1375A	Exp #=36719
Event # = 21240		86/02/16, 23:01		D0Y=47		Pitch=+25", Yaw=+1019"	
G0ES	22:55	Start	23:01	Peak	23:01	CaPeak.c/s=250	Qual=00
B0CS	22:55	Start	23:01	Peak	23:01	Peak3..c/s=28	Qual=1
F0CS	23:00	Start	23:00	Peak	23:00	Wavelength=1375A	FePeak=23:01
UVSP	23:00	Start	23:00	Peak	23:00	Wavelength=1375A	Exp #=36720

Event # = 8582
 86/02/16, 23:57 DOY=47
 Peak 23:57
 GOES 22:45 01:50 End times
 HXRBS 22:27:23 22:42:40 22:53:01
 BCS 23:39 23:39 23:40
 FCS 23:39
 UVSP 23:42
 Importance=C7 Qual=02
 Peak...c/s=240 Qual=13
 CaPeak.c/s=297 Qual=5
 Peak3..c/s=44
 Wavelength=1375A Code=00 Exp #=36723
 Tot Cts=1.27E+5 MaxkeV=142
 FePeak.c/s=59
 Rast=0"x0"
 Rast=30"x30"
 Flags=I,EN,DG
 #Peaks=1
 Step=0"
 Step=0"
 XEN=604706
 3840s/pixel
 Pitch=-91",Yaw=+944"

86/02/17 DOY=48
 Event # = 21243
 86/02/17, 01:15 DOY=48
 Start 01:15
 Peak 01:15
 BCS 01:15 01:16 End times
 FCS 01:15
 UVSP 00:35
 CaPeak.c/s=53 Qual=5 FePeak=01:15
 Peak3..c/s=65
 Wavelength=1375A Exp #=36729
 dt= 0.5s XEN=604800
 Cad=3840s 3840s/pixel
 Pitch=+30",Yaw=+904"

Event # = 21244
 86/02/17, 01:24 DOY=48
 Start 01:22
 Peak 01:24
 BCS 01:22 02:11 End times
 FCS 01:27
 UVSP 00:35
 CaPeak.c/s=190 Qual=00
 Peak3..c/s=187 Qual=5 FePeak=01:22
 Wavelength=1375A Exp #=36729
 dt= 7.7s XEN=604801
 Cad=2.05s 2.048s/pixel
 Pitch=+30",Yaw=+904"

Event # = 21245
 86/02/17, 04:36 DOY=48
 Start 04:34
 Peak 04:36
 BCS 04:34 05:19 End times
 FCS 04:44
 UVSP 04:30
 SMM Pointing:
 CaPeak.c/s=35 Qual=00
 Peak3..c/s=100 Qual=4 FePeak=04:34
 Wavelength=2788A Exp #=36735
 Pitch=+23",Yaw=+1003",Roll=180deg
 dt= 7.7s XEN=604802
 Cad=2.05s 2.048s/pixel
 Pitch=+23",Yaw=+1021"

Event # = 12751
 86/02/18, 04:38 DOY=49
 Start 04:38:15
 Peak 04:38:19
 HXRBS 04:38:15 04:38:19 04:38:26 End times
 UVSP 04:51
 SMM Pointing:
 Peak...c/s=52 Qual=01 Tot Cts=39
 Wavelength=2788A Exp #=36759
 Pitch=+16",Yaw=+1001",Roll=180deg
 MaxkeV=258
 Rast=180"x1" Step=0" Pitch=+23",Yaw=+938"

Event # = 8196
 86/03/01, 15:53 DOY=60
 Start 15:46
 Peak 15:53
 Optical 15:46 16:04 End times
 GOES 15:46 15:50:25 15:50:56 15:53:10
 HXRBS 15:51 15:52 15:55
 BCS 15:51 15:54
 FCS 15:54
 UVSP 15:45
 SMM Pointing:
 Ha...Class=SN NO2E71
 Importances=C2 Qual=03
 Peak...c/s=62 Qual=01
 CaPeak.c/s=44 Qual=2 FePeak=15:52
 Peak3..c/s=322
 Wavelength=1375A Code=00 Exp #=37004
 Associated Event # = 21246
 CaPeak.c/s=27 Qual=1 FePeak=16:02
 Peak3..c/s=189
 Wavelength=1375A Exp #=37005
 Carr.Lon.=37deg
 H.Ang=71deg
 dt= 7.7s XEN=606000
 Cad=1.02s 1.024s/pixel
 Pitch=-91",Yaw=+951"

Event # = 8196
 86/03/01, 15:53 DOY=60
 Start 16:01
 Peak 16:02
 BCS 16:01 16:05 End times
 FCS 16:01
 UVSP 16:01
 SMM Pointing:
 CaPeak.c/s=27 Qual=1 FePeak=16:02
 Peak3..c/s=189
 Wavelength=1375A Exp #=37005
 Carr.Lon.=37deg
 H.Ang=71deg
 dt= 7.7s XEN=606001
 Cad=1.02s 1.024s/pixel
 Pitch=-26",Yaw=+986"

86/03/02 DOY=61

Event # = 8197
 86/03/02 02:56 DOY=61
 Start Peak
 GOES 02:54 03:03
 HXRBS 02:57:02 02:57:20 02:58:14
 BCS 02:59 03:02
 FCS 03:01
 UVSP 02:44
 SMM Pointing: N01E77
 Importance=B6
 Peak...c/s=174
 CaPeak.c/s=25
 Peak3...c/s=38
 Wavelength=1375A
 Code=00
 Exp #=37045
 Qual=03
 Qual=01
 Qual=1
 Tot Cts=1726
 FePeak=02:59
 #Peaks=1
 dt= 7.7s
 XEN=606100
 Rast=240"x240"
 Cad= 590s
 Pitch=10"
 Step=0"
 Rast=30"x30"
 Pitch=-81", Yaw=+896"
 H. Ang=77deg

Event # = 8198
 86/03/02 05:44 DOY=61
 Start Peak
 Optical
 GOES 05:37 05:44
 HXRBS 05:40:04 05:42:35 05:44:59
 BCS 05:42 05:43
 FCS 05:42
 UVSP 05:36
 SMM Pointing: N01E77
 Ha...Class=IB
 Importance=C3
 Peak...c/s=112
 CaPeak.c/s=27
 Peak3...c/s=82
 Wavelength=1375A
 Code=00
 Associated
 Qual=1
 Qual=1
 Exp # = 21247
 FePeak=05:54
 Carr. Lon.=36deg
 H. Ang=77deg
 H. Ang=64deg
 MaxkeV=63
 FePeak.c/s=12
 #Peaks=1
 dt= 0.5s
 XEN=606101
 Rast=240"x240"
 Cad= 590s
 Pitch=10"
 Step=0"
 Rast=30"x30"
 Pitch=-95", Yaw=+869"
 FePeak.c/s=7
 #Peaks=1
 dt= 7.7s
 XEN=606102
 Rast=300"x300"
 Cad= 922s
 Pitch=10"
 Step=0"
 Rast=30"x30"
 Pitch=-15", Yaw=+859"

Event # = 12752
 86/03/02 11:32 DOY=61
 Start Peak
 HXRBS 11:31:35 11:32:41 11:33:06
 UVSP 11:33
 SMM Pointing: N01E72
 Peak...c/s=57
 Wavelength=1375A
 Qual=01
 Tot Cts=364
 Exp #=37081
 Pitch=-53", Yaw=+924", Roll=0deg
 H. Ang=73deg
 MaxkeV=290
 Rast=280"x280"
 Step=10"
 Pitch=-46", Yaw=+939"
 Flags=NS,GB

Event # = 8200
 86/03/02 19:53 DOY=61
 Start Peak
 Optical
 GOES 19:47 19:53
 HXRBS 19:51:36 19:52:22 19:52:56
 UVSP 19:26
 HXRBS 19:50:12 19:50:24 19:50:53
 SMM Pointing: N01E67
 Ha...Class=SF
 Importance=B9
 Peak...c/s=118
 Wavelength=1375A
 Code=00
 Associated
 Qual=01
 Qual=03
 Qual=01
 Tot Cts=972
 Exp #=37117
 Exp # = 8199
 FePeak=05:54
 Carr. Lon.=35deg
 H. Ang=68deg
 H. Ang=57deg
 MaxkeV=63
 Rast=265"x265"
 Step=5"
 Pitch=-57", Yaw=+915"
 MaxkeV=63

Event # = 21248
 86/03/02 20:49 DOY=61
 Start Peak
 Optical
 GOES 20:34 20:49
 BCS 20:58 20:59
 FCS 20:59
 UVSP 21:00
 BCS 21:06 21:07
 FCS 21:10
 UVSP 21:01
 SMM Pointing: N01E67
 Ha...Class=SN
 Importance=C4
 CaPeak.c/s=21
 Peak3...c/s=14
 Wavelength=1375A
 Associated
 Qual=1
 Qual=5
 FePeak=20:58
 Exp # = 37118
 Exp # = 21249
 FePeak=21:07
 Carr. Lon.=38deg
 H. Ang=54deg
 H. Ang=68deg
 MaxkeV=63
 Rast=280"x280"
 Step=10"
 Pitch=-57", Yaw=+908"
 #Peaks=1
 dt= 0.5s
 XEN=606103
 Rast=0"x0"
 Cad=3840s
 3840s/pixel
 FePeak.c/s=9
 #Peaks=1
 dt= 7.7s
 XEN=606104
 Rast=240"x240"
 Cad= 590s
 Pitch=10"
 Step=0"
 Rast=30"x30"
 Pitch=-22", Yaw=+792"

86/03/03 DOY=62

Event # = 8201
 86/03/03, 05:01 DOY=62
 Start Peak End times
 Optical
 GOES 04:56 05:01 05:04
 HXRBS 04:58:43 05:00:14 05:02:46
 BCS 04:59 04:59 05:00
 FCS 04:59 04:59
 UVSP 04:52
 Radio Frequency (MHz) / Flux (sfu): 1415/29 2695/33 4995/54 8800/65 15400/31

SMM Pointing: N00E55
 Ha...Class=1B
 Importance=C8
 Peak...c/s=120
 CaPeak.c/s=27
 Peak3..c/s=14
 Wavelength=1375A
 Code=00
 Exp #=37155
 1415/29 2695/33 4995/54 8800/65 15400/31

Event # = 8202
 86/03/03, 12:54 DOY=62
 Start Peak End times
 GOES 12:42 12:54 13:33
 HXRBS 12:51:43 12:53:08 12:57:20
 BCS 12:53 12:53 12:54
 FCS 12:53 12:53
 UVSP 12:04
 Radio Frequency (MHz) / Flux (sfu): 1415/47 2695/65 4995/39 8800/83

SMM Pointing: N00E51
 Importance=M1
 Peak...c/s=1965
 CaPeak.c/s=20
 Peak3..c/s=740
 Wavelength=1375A
 Code=00
 Exp #=37186
 1415/47 2695/65 4995/39 8800/83

Associated Event # = 21250
 Qual=4 FePeak=13:01

MaxkeV=170
 FePeak.c/s=12
 Rast=0"x0"
 Rast=30"x30"
 dt= 0.5s
 Step=0"
 Step=0"
 #Peaks=1
 Carr. Lon.=35deg
 H. Ang=51deg

SMM Pointing: N00E50
 Importance=C2
 Peak...c/s=240
 CaPeak.c/s=67
 Peak3..c/s=198
 Wavelength=1375A
 Code=00
 Exp #=37187

Associated Event # = 21252
 Qual=1 FePeak=14:27

MaxkeV=63
 FePeak.c/s=22
 Rast=0"x0"
 Rast=280"x280"
 dt= 7.7s
 Step=0"
 Step=10"
 #Peaks=1
 Carr. Lon.=34deg
 H. Ang=50deg

SMM Pointing: N00E38
 Importance=C5
 Peak...c/s=28
 CaPeak.c/s=14
 Wavelength=1375A
 Code=00
 Exp #=37188

Associated Event # = 21252
 Qual=1 FePeak=14:27

MaxkeV=89
 FePeak.c/s=19
 Rast=0"x0"
 Rast=30"x30"
 dt= 7.7s
 Step=0"
 Step=0"
 #Peaks=1
 Carr. Lon.=39deg
 H. Ang=580"

86/03/04 DOY=63

Event # = 8204
 86/03/04, 11:37 DOY=63
 Start Peak End times
 GOES 11:36:52 11:37:35 11:38:55
 HXRBS 11:20
 UVSP 11:20

SMM Pointing: N00E38
 Importance=C5
 Peak...c/s=28
 CaPeak.c/s=14
 Wavelength=1375A
 Code=00
 Exp #=37266

Associated Event # = 37266
 Qual=01 FePeak=12:23

MaxkeV=89
 FePeak.c/s=19
 Rast=0"x0"
 Rast=30"x30"
 dt= 7.7s
 Step=0"
 Step=0"
 #Peaks=1
 Carr. Lon.=39deg
 H. Ang=580"

SMM Pointing: N00E38
 Importance=C5
 Peak...c/s=28
 CaPeak.c/s=14
 Wavelength=1375A
 Code=00
 Exp #=37266

Associated Event # = 37266
 Qual=01 FePeak=12:23

MaxkeV=89
 FePeak.c/s=19
 Rast=0"x0"
 Rast=30"x30"
 dt= 7.7s
 Step=0"
 Step=0"
 #Peaks=1
 Carr. Lon.=39deg
 H. Ang=580"

SMM Pointing: N00E38
 Importance=C5
 Peak...c/s=28
 CaPeak.c/s=14
 Wavelength=1375A
 Code=00
 Exp #=37266

Associated Event # = 37266
 Qual=01 FePeak=12:23

MaxkeV=89
 FePeak.c/s=19
 Rast=0"x0"
 Rast=30"x30"
 dt= 7.7s
 Step=0"
 Step=0"
 #Peaks=1
 Carr. Lon.=39deg
 H. Ang=580"

Event # = 8591		86/03/05		DOY=64			
Start	End times	SMM Pointing:					
86/03/05, 04:30	DOY=64 Peak	N00E29					Pitch=-107", Yaw=+466", Roll=0deg
Optical							H. Ang=30deg
GOES 04:25	04:30	N04E24					Mac.=DKI Carr. Lon.=37deg
HXRBS 04:27:33	04:28:41	Qual=01					H. Ang=26deg
BGS 04:29	04:30	Qual=01					MaxkeV=63
FCS 04:35	04:39	Qual=1					Flags=1
UVSP 04:03	04:35	Code=00					#Peaks=1 dt= 7.7s XEN=606400
		WaveLength=2788A					Rast=240"x240" Cad= 590s 1.024s/pixel
							Step=3" Pitch=-101", Yaw=+486"
		Exp #=37332					
Event # = 8592		86/03/05		DOY=64			
Start	End times	SMM Pointing:					
86/03/05, 07:09	DOY=64 Peak	N00E28					Pitch=-108", Yaw=+453", Roll=0deg
Optical							H. Ang=29deg
GOES 07:06	07:09	N04E26					Mac.=DKI Carr. Lon.=34deg
HXRBS 07:08:11	07:08:21	Qual=03					H. Ang=28deg
BGS 07:16	07:17	Qual=02					MaxkeV=228
FCS 07:36	07:41	Qual=1					Flags=I, SN
UVSP 07:09	07:36	Code=02					#Peaks=1 dt= 7.7s XEN=606402
		WaveLength=1375A					Rast=25"x25" Cad=25.6s 1.024s/pixel
		Associated					Step=10" Pitch=-101", Yaw=+458"
		Event # = 21253					
		FePeak=07:08					
BGS 07:08	07:09	Qual=5					FePeak.c/s=43 dt= 0.5s XEN=606401
FCS 07:09	07:09	Peak3...c/s=21					Rast=0"x0" Cad=3840s/pixel
Event # = 8206		86/03/05		DOY=64			
Start	End times	SMM Pointing:					
86/03/05, 14:01	DOY=64 Peak	N00E24					Pitch=-112", Yaw=+387", Roll=0deg
Optical							H. Ang=25deg
GOES 13:58	14:01	Qual=01					MaxkeV=63
HXRBS 13:58:59	13:59:15	Qual=01					Rast=30"x30" Step=0" Pitch=-99", Yaw=+340"
UVSP 13:28	13:59:49	WaveLength=1375A					
Event # = 8207		86/03/06		DOY=65			
Start	End times	SMM Pointing:					
86/03/06, 04:17	DOY=65 Peak	N00E16					Pitch=-118", Yaw=+261", Roll=0deg
Optical							H. Ang=17deg
GOES 04:12	04:17	N06E11					Mac.=DKI Carr. Lon.=37deg
HXRBS 04:14:33	04:15:47	Qual=03					H. Ang=17deg
BGS 04:16	04:16	Qual=01					MaxkeV=116
FCS 04:16	04:17	Qual=2					Flags=1 dt= 0.5s XEN=606500
UVSP 04:13	04:16	Code=00					Rast=120"x120" Cad=18.4s 0.512s/pixel
Radio		WaveLength=1375A					Step=20" Pitch=-135", Yaw=+158"
		Frequency(MHz)/Flux(sfu):					
		4995/55 8800/74					
BGS 04:23	04:24	Associated					
FCS 04:31	04:31	Event # = 21254					
		Qual=1 FePeak=04:24					
		Peak3...c/s=55					
Event # = 8208		86/03/06		DOY=65			
Start	End times	SMM Pointing:					
86/03/06, 04:31	DOY=65 Peak	N00E16					Pitch=-118", Yaw=+261", Roll=0deg
Optical							H. Ang=17deg
GOES 04:31:23	04:31:39	N06E11					Mac.=DSI Carr. Lon.=37deg
HXRBS 04:31:23	04:31:30	Qual=00					H. Ang=17deg
UVSP 04:13	04:31:39	Qual=01					MaxkeV=89
		Peak...c/s=329					Rast=30"x30" Step=0" Pitch=-135", Yaw=+158"
		WaveLength=1375A					

Event # = 8209			SMM Pointing:			N00E13			Pitch=-120", Yaw=+218", Roll=0deg			H. Ang=15deg		
86/03/06, 09:04			DOY=65			Peak			AR4717			H. Ang=14deg		
Optical			Ha...Class=SB			Qual=01			Mac.=DSI					
GOES 09:01			Importance=C5			Code=00			MaxkeV=63			Pitch=-86", Yaw=+185"		
HXRBS 09:02:53			Peak...c/s=111						Rast=30"x30"					
UVSP 08:56			Wavelength=1375A						Step=0					
Event # = 8210			SMM Pointing:			N00E12			Pitch=-120", Yaw=+203", Roll=0deg			H. Ang=14deg		
86/03/06, 09:59			DOY=65			Peak			AR4717					
Optical			Ha...Class=SB			Qual=01			Mac.=DSI					
GOES 09:54			Importance=B6			Code=00			MaxkeV=63			Pitch=-147", Yaw=+186"		
HXRBS 09:55:17			Peak...c/s=112						Rast=30"x30"					
UVSP 09:54			Wavelength=1375A						Step=0					
Event # = 21255			SMM Pointing:			N00E09			Pitch=-121", Yaw=+146", Roll=0deg			H. Ang=11deg		
86/03/06, 17:03			DOY=65			Peak			AR4717			H. Ang=9deg		
Optical			Ha...Class=IF			Qual=02			Mac.=DSI					
GOES 16:28			Importance=C5			Qual=3			FePeak.c/s=9			dt= 7.7s XEN=606503		
BCS 16:34			CaPeak.c/s=34						Rast=0"x0"			Cad= 922s 921.6s/pixel		
FCS 16:37			Peak3...c/s=71						Rast=30"x30"			Pitch=-208", Yaw=+105"		
UVSP 16:31			Wavelength=1375A						Exp #=37471					
Event # = 21256			SMM Pointing:			N00E05			Pitch=-122", Yaw=+87", Roll=0deg			H. Ang=9deg		
86/03/06, 17:44			DOY=65			Peak			AR4717					
Optical			Ha...Class=SN			Qual=01			Mac.=DKI			H. Ang=8deg		
GOES 17:44			CaPeak.c/s=34			Qual=5			FePeak.c/s=8			dt= 7.7s XEN=606504		
BCS 17:44			Peak3...c/s=108						Rast=0"x0"			Cad= 922s 921.6s/pixel		
UVSP 17:44			Wavelength=1375A						Rast=280"x280"			Pitch=-114", Yaw=+105"		
Event # = 8211			SMM Pointing:			N00E02			Pitch=-122", Yaw=+28", Roll=0deg			H. Ang=7deg		
86/03/07, 00:06			DOY=66			Peak			AR4717			H. Ang=8deg		
Optical			Ha...Class=SB			Qual=01			Mac.=DKI					
GOES 00:03			Importance=C2			Qual=01			MaxkeV=63			dt= 7.7s XEN=606600		
HXRBS 00:00:22			Peak...c/s=90			Qual=2			FePeak.c/s=9			Cad=1.02s 1.024s/pixel		
BCS 00:05			CaPeak.c/s=27						Rast=0"x0"			Pitch=-119", Yaw=-50"		
FCS 00:07			Peak3...c/s=1060						Rast=30"x30"					
UVSP 00:03			Wavelength=1375A						Exp #=37482					
Event # = 8212			SMM Pointing:			N00E01			Pitch=-126", Yaw=+17", Roll=0deg			H. Ang=8deg		
86/03/07, 02:05			DOY=66			Peak			AR4717			H. Ang=9deg		
Optical			Ha...Class=SB			Qual=01			Mac.=DKI					
GOES 01:56			Importance=C4			Qual=01			MaxkeV=89			dt= 7.7s XEN=606600		
HXRBS 02:01:38			Peak...c/s=214			Qual=01			Rast=30"x30"			Pitch=-159", Yaw=+93"		
UVSP 01:56			Wavelength=1375A			Code=00			Exp #=37490			Step=0		
HXRBS 02:08:25			Peak....c/s=64						Associated Event # = 8213					
									MaxkeV=63					

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Event # = 8217	DOY=66	SMM Pointing:		N00W05	Pitch=-122", Yaw=-91", Roll=0deg		H.Ang=9deg
86/03/07, 12:40	Peak	End times		Qual=00			
GOES	12:39:46	12:40:37	12:43:48	Peak...c/s=208	Tot Cts=13709		
HXRBS	12:37			Wavelength=1375A	Exp #=37544		
UVSP					Rast=30"x30"		Step=0" Pitch=-169", Yaw=-8"
Event # = 21257	DOY=66	SMM Pointing:		N00W05	Pitch=-122", Yaw=-91", Roll=0deg		H.Ang=9deg
86/03/07, 12:55	Peak	End times		Qual=00			
Optical	12:50	12:55	12:59	Ha...Class=SN	Carr. Lon.=42deg		H.Ang=13deg
GOES	12:54	12:55	12:57	Importance=86	#Peaks=1 dt= 7.7s		XEN=606601
BCS				CaPeak.c/s=18	Step=0"		Cad=1.02s
FCS				Peak3...c/s=17	Step=0"		Pitch=-169", Yaw=-8"
UVSP	12:37			Wavelength=1375A	Code=00 Exp #=37544		
Event # = 21258	DOY=79	SMM Pointing:		N00W05	Pitch=-122", Yaw=-91", Roll=0deg		H.Ang=9deg
86/03/20, 18:48	Peak	End times		Qual=00			
GOES	18:47	18:48	18:56	CaPeak.c/s=713	FePeak=18:48		
BCS				Peak3...c/s=7873	Exp #=38003		
FCS				Wavelength=2788A	DOY=79		
UVSP	19:00				Rast=180"x1"		Pitch=+6", Yaw=+24"
Event # = 8218	DOY=85	SMM Pointing:		S07W00	Pitch=+0", Yaw=+0", Roll=0deg		H.Ang=0deg
86/03/26, 03:34	Peak	End times		Qual=01			
HXRBS	03:34:02	03:34:19	03:34:45	Peak...c/s=212	Tot Cts=1840		
UVSP	03:55			Wavelength=2788A	Exp #=38157		
Event # = 8219	DOY=99	SMM Pointing:		S03W22	Pitch=-29", Yaw=-355", Roll=0deg		H.Ang=22deg
86/04/09, 05:49	Peak	End times		Qual=00			
HXRBS	05:49:31	05:49:39	05:50:04	Peak...c/s=278	Tot Cts=1497		
UVSP	05:39			Wavelength=1375A	Exp #=38608		
Event # = 7599	DOY=112	SMM Pointing:		S03W22	Pitch=-29", Yaw=-355", Roll=0deg		H.Ang=22deg
86/04/22, 11:26	Peak	End times		Qual=00			
GOES	11:25:55	11:26:24	11:27:22	Peak...c/s=81	Exp #=39037		
HXRBS	11:22			Wavelength=2788A	DOY=112		
UVSP					Rast=180"x1"		Pitch=-22", Yaw=-339"
Event # = 8221	DOY=113	SMM Pointing:		S03W36	Pitch=-17", Yaw=-559", Roll=0deg		H.Ang=36deg
86/04/23, 11:40	Peak	End times		Qual=01			
GOES	11:38	11:40	11:43	Importance=81	Exp #=39067		
HXRBS	11:39:50	11:40:05	11:41:14	Peak...c/s=64	DOY=113		
UVSP	11:32			Wavelength=2788A	Code=00		
					Rast=180"x1"		Pitch=-11", Yaw=-366"

Event # = 8222
 86/04/23,14:04 DOY=113 SMM Pointing: S03W37 Pitch=-18", Yaw=-571", Roll=0deg H.Ang=37deg
 Start Peak End times
 Optical AR4726 Mac.=DA0 Carr.Lon.=118deg H.Ang=14deg
 GOES 14:00 14:12 Ha...Class=SB N02E12
 Importance=B7 Qual=03
 HXRBS 14:03:01 14:03:21 14:03:48 Peak...c/s=67 Qual=01
 UVSP 14:05 Wave length=2788A Code=02 Exp #=39070 Rast=180"x1" Step=0" Pitch=-10", Yaw=-385"

Event # = 21259
 86/04/23,23:06 DOY=113 SMM Pointing: N03E09 Pitch=-130", Yaw=+153", Roll=0deg H.Ang=12deg
 Start Peak End times
 Optical AR4726 Mac.=DA0 Carr.Lon.=114deg H.Ang=14deg
 GOES 22:59 23:06 23:20 Ha...Class=SF N03E11
 Importance=C1 Qual=01
 BCS 23:04 23:07 23:15 CaPeak.c/s=31 FePeak=23:06 #Peaks=1 dt= 7.7s XEN=611300
 FCS 23:06 Peak3...c/s=107 Step=0" Cad= 922s XEN=611300
 UVSP 22:33 Wave length=2788A Code=00 Exp #=39079 Step=0" Pitch=-124", Yaw=+178"
 Radio Frequency(MHz)/Flux(sfu): 245/15

86/04/24 DOY=114

Event # = 7600
 86/04/24,00:44 DOY=114 SMM Pointing: N03E08 Pitch=-130", Yaw=+139", Roll=0deg H.Ang=11deg
 Start Peak End times
 Optical AR4726 Mac.=DKI Carr.Lon.=117deg H.Ang=11deg
 GOES 00:34 00:44 00:55 Ha...Class=SB N03E07
 Importance=M1 Qual=01
 HXRBS 00:39:04 00:42:20 00:46:31 Peak...c/s=302 Tot Cts=44031 #Peaks=1 dt= 3.8s XEN=611400
 BCS 00:39 00:44 01:08 CaPeak.c/s=782 FePeak=00:44 Step=0" Cad=23.3s XEN=611400
 FCS 00:43 Peak3...c/s=669 Rast=0"x0" Step=0" Pitch=-124", Yaw=+158"
 UVSP 00:16 Wave length=2788A Code=00 Exp #=39080 Rast=243"x243" Step=3"
 Radio Frequency(MHz)/Flux(sfu): 2695/12 4995/24

Event # = 21260
 86/04/24,01:50 DOY=114 SMM Pointing: N03E07 Pitch=-130", Yaw=+124", Roll=0deg H.Ang=11deg
 Start Peak End times
 Optical AR4726 Mac.=DKI Carr.Lon.=115deg H.Ang=11deg
 GOES 01:45 01:50 02:00 Ha...Class=SF N03E08
 Importance=C2 Qual=01
 BCS 01:49 01:51 01:59 CaPeak.c/s=32 FePeak=01:51 #Peaks=1 dt= 7.7s XEN=611401
 FCS 01:55 Peak3...c/s=37 Rast=0"x0" Step=0" Cad=1.02s XEN=611401
 UVSP 01:58 Wave length=2788A Code=02 Exp #=39081 Rast=243"x243" Step=3"

Event # = 8223
 86/04/24,03:51 DOY=114 SMM Pointing: Pitch=+236", Yaw=+983", Roll=0deg
 Start Peak End times
 Optical AR4726 Mac.=DKI Carr.Lon.=116deg H.Ang=11deg
 GOES 03:40 03:51 04:37 Ha...Class=SB N04E06
 Importance=M1 Qual=03
 HXRBS* 03:45:00 03:46:39 03:54:15 Peak...c/s=834 Tot Cts=62940 #Peaks=1 dt= 7.7s XEN=611401
 UVSP 03:46 Wave length=1375A Code=00 Exp #=39087 Rast=265"x265" Step=5" Pitch=+246", Yaw=+1003"
 Radio Frequency(MHz)/Flux(sfu): 1415/11 2695/38 4995/42

Event # = 8225	86/04/24, 06:13	Start	DOY=114	Peak	End times	SMM Pointing:	N03E06	Pitch=-130", Yaw=+96", Roll=0deg	H. Ang=10deg
Optical	GOES	06:03	06:13	07:07	Ha...Class=1B	N04E04	AR4726	Mac.=DKI	Carr. Lon.=117deg
HXRBS	07:06:28	07:06:47	07:06:59	07:03	Importance=M2	Qual=05		MaxkeV=64	#Peaks=1 dt= 3.8s XEN=611402
BCS	06:29	06:30	07:03		Peak...c/s=69	Qual=01		Rast=240"x240"	Step=15" Cad= 262s 1.024s/pixel
FCS	06:38	06:38			CaPeak.c/s=331	Qual= 1		Rast=180"x1"	Step=0" Pitch=-124", Yaw=+106"
UVSP	06:24				Peak3...c/s=136				
Radio	Sweeps				Wavelength=2788A				
		Type/Intensity:			I/1				
Event # = 8224	86/04/24, 06:31	Start	DOY=114	Peak	End times	SMM Pointing:	N03E05	Pitch=-131", Yaw=+81", Roll=0deg	H. Ang=9deg
GOES	06:31:31	06:31:47	06:32:20		Peak...c/s=55	Qual=00		MaxkeV=64	
HXRBS	06:24				Wavelength=2788A	Qual=01		Rast=180"x1"	Pitch=-124", Yaw=+106"
UVSP									
Event # = 21261	86/04/24, 09:49	Start	DOY=114	Peak	End times	SMM Pointing:	N03E03	Pitch=-131", Yaw=+52", Roll=0deg	H. Ang=8deg
GOES	09:43	09:49	10:07		Importance=C1	Qual=01		FePeak.c/s=13	#Peaks=1 dt= 7.7s XEN=611403
BCS	09:47	09:49	09:56		CaPeak.c/s=40	Qual= 1		Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
FCS	09:48	09:48			Peak3...c/s=17			Rast=180"x1"	Step=0" Pitch=-125", Yaw=+77"
UVSP	09:34				Wavelength=2788A	Code=01			
Event # = 21262	86/04/24, 14:18	Start	DOY=114	Peak	End times	SMM Pointing:	N03E01	Pitch=-131", Yaw=+19", Roll=0deg	H. Ang=8deg
Optical	GOES	13:59	14:18	14:28	Ha...Class=IN	N02W01	AR4726	Mac.=DKI	Carr. Lon.=117deg
BCS	14:21	14:22	14:41		Importance=C5	Qual=05		FePeak.c/s=26	#Peaks=1 dt= 3.8s XEN=611404
FCS	14:25	14:25			CaPeak.c/s=159	Qual= 1		Rast=0"x0"	Step=0" Cad= 922s 921.6s/pixel
UVSP	14:17				Peak3...c/s=49			Rast=180"x1"	Step=0" Pitch=-123", Yaw=+33"
Radio	Frequency	(MHz)/Flux(sfu):			Wavelength=2788A	Code=00			
					4995/59 8800/66				
Event # = 6574	86/04/25, 12:26	Start	DOY=115	Peak	End times	SMM Pointing:	S01W12	Pitch=-61", Yaw=-195", Roll=0deg	H. Ang=12deg
GOES	12:24:16	12:26:10	12:27:14		Peak...c/s=68	Qual=00		MaxkeV=90	Flags=I
HXRBS	12:23				Wavelength=1375A	Qual=01		Rast=30"x30"	Step=0" Pitch=-128", Yaw=-223"
UVSP									
Event # = 8226	86/04/26, 02:55	Start	DOY=116	Peak	End times	SMM Pointing:	S01W20	Pitch=-57", Yaw=-321", Roll=0deg	H. Ang=20deg
GOES	02:52	02:55	02:59		Importance=B1	Qual=01		MaxkeV=64	Flags=I
HXRBS	02:54:34	02:54:43	02:54:57		Peak...c/s=67	Qual=01		Rast=30"x30"	Step=0" Pitch=-104", Yaw=-331"
UVSP	02:50				Wavelength=1375A	Code=00			
Radio	Frequency	(MHz)/Flux(sfu):			410/300				

Event # = 5859	DOY=116	SMM Pointing:	Pitch=+0", Yaw=+984", Roll=0deg
86/04/26, 16:41	Peak	Ha...Class=1B	Mac.=DKI Carr. Lon.=117deg H. Ang=29deg
Optical	End times	Importance=C6	
GOES 16:31	17:37	Peak...c/s=305	MaxkeV=64 Flags=I
HXRBS 16:37:34	16:40:40	Wavelength=1375A	Rast=265"x265" Pitch=+6", Yaw=+1004"
UVSP 16:39		4995/50 8800/49	
Radio	Frequency(MHz)/Flux(sfu):		
86/04/27 DOY=117			
Event # = 6016	DOY=117	SMM Pointing:	Pitch=+108", Yaw=+944", Roll=0deg H. Ang=84deg
86/04/27, 21:19	Peak	Importance=B3	
GOES 21:00	21:40	Peak...c/s=67	MaxkeV=64 Flags=I
HXRBS 21:20:01	21:20:53	Wavelength=1375A	Rast=265"x265" Pitch=+114", Yaw=+964"
UVSP 21:09		III/1	
Radio	Type/Intensity:		
86/05/03 DOY=123			
Event # = 21263	DOY=123	SMM Pointing:	Pitch=-99", Yaw=-944", Roll=0deg H. Ang=85deg
86/05/03, 10:17	Peak	Importance=C2	
GOES 09:54	10:54	CaPeak.c/s=55	FePeak.c/s=13 #Peaks=1 dt= 3.8s XEN=612300
BCS 09:44	09:58	Peak3...c/s=54	Rast=240"x240" Cad= 590s 1.024s/pixel
FCS	09:54	Wavelength=1375A	Rast=280"x280" Step=10" Pitch=-91", Yaw=-929"
UVSP 10:33			
86/05/04 DOY=124			
Event # = 8358	DOY=124	SMM Pointing:	Carr. Lon.=77deg H. Ang=90deg
86/05/04, 10:07	Peak	Code=LPS	
Optical	End times	Importance=M1	Flags=I, SN_ES
GOES 09:39	10:07	Peak...c/s=55	Step=0" Pitch=-93", Yaw=-784"
HXRBS 10:04:54	10:08:53	Wavelength=2788A	
UVSP 10:01			
86/05/04 DOY=124			
Event # = 8611	DOY=124	SMM Pointing:	Pitch=-93", Yaw=-784"
86/05/04, 16:32	Peak	Importance=B1	
GOES 16:31	16:32	Peak...c/s=67	
HXRBS 16:30:57	16:31:49	Wavelength=2788A	
UVSP 16:18		V/1	
Radio	Type/Intensity:		
86/05/17 DOY=137			
Event # = 12753	DOY=137	SMM Pointing:	Pitch=-101", Yaw=+977", Roll=0deg
86/05/17, 02:41	Peak	Peak...c/s=67	MaxkeV=541 Flags=NS, GB
HXRBS 02:41:31	02:41:44	Wavelength=2788A	Rast=180"x1" Step=0" Pitch=-101", Yaw=+913"
UVSP 02:28			

Event # = 8231		86/05/21		DOY=141	
86/05/21,01:45	DOY=141	SMM Pointing:	N06E64	Pitch=-114", Yaw=+851", Roll=0deg	H. Ang=65deg
Optical	Peak	End times		Mac.=D50	Carr. Lon.=77deg
GOES 01:42	01:45	01:52	AR4731	MaxkeV=64	H. Ang=50deg
HXRBS 01:44:30	01:44:59	01:45:20		Rast=180"x1"	
UVSP 01:20			Exp #=40199	Step=0"	Pitch=-116", Yaw=+790"
Radio	Type/Intensity:				
Frequency(MHz)/Flux(sfu):	V/2	245/13			
Event # = 8613		86/05/24		DOY=144	
86/05/24,04:05	DOY=144	SMM Pointing:		Pitch=-471", Yaw=+857", Roll=0deg	
GOES 04:05:42	04:05:48	04:06:10		MaxkeV=542	Flags=I, AX
HXRBS 04:05			Tot Cts=360	Rast=265"x265"	Step=5" Pitch=-482", Yaw=+880"
UVSP 04:05			Exp #=40290		
Event # = 8232		86/05/25		DOY=145	
86/05/25,21:59	DOY=145	SMM Pointing:	N06W11	Pitch=-123", Yaw=-173", Roll=0deg	H. Ang=13deg
Optical	Peak	End times		Mac.=CRI	Carr. Lon.=73deg
GOES 21:51	21:59	22:12	AR4731	MaxkeV=64	H. Ang=13deg
HXRBS 21:57:49	21:58:33	21:59:16		Rast=180"x1"	
UVSP 21:39			Tot Cts=4432	Step=0"	Pitch=-124", Yaw=-146"
			Exp #=40339		
Event # = 8621		86/05/26		DOY=146	
86/05/26,07:51	DOY=146	SMM Pointing:	N06W16	Pitch=-122", Yaw=-257", Roll=0deg	H. Ang=17deg
Optical	Peak	End times		Mac.=DAI	Carr. Lon.=75deg
GOES 07:42	07:51	08:27	AR4731	MaxkeV=64	H. Ang=20deg
HXRBS 07:45:52	07:46:00	07:46:16		Rast=180"x1"	
UVSP 08:04			Tot Cts=212	Flags=I	
			Exp #=40349	Step=0"	Pitch=-124", Yaw=-239"
Event # = 21264		86/05/26		DOY=146	
86/05/26,18:30	DOY=146	SMM Pointing:	N06W22	Pitch=-121", Yaw=-352", Roll=0deg	H. Ang=23deg
Optical	Peak	End times		Mac.=DAI	Carr. Lon.=77deg
GOES 18:16	18:30	19:24	AR4731	FePeak.c/s=12	#Peaks=1 dt= 7.7s XEN=614600
BGS 18:26	18:29	18:37		Rast=300"x300"	Step=10" Cad= 922s 1.024s/pixel
FCS 18:37	18:37			Rast=180"x1"	Step=0" Pitch=-121", Yaw=-325"
UVSP 18:04			Exp #=40363		
Event # = 8239		86/06/03		DOY=154	
86/06/03,14:59	DOY=154	SMM Pointing:	N06E26	Pitch=-104", Yaw=+409", Roll=0deg	H. Ang=26deg
GOES 14:58:41	14:59:39	15:01:32		MaxkeV=146	
HXRBS 14:50			Qual=00	Rast=265"x265"	Step=5" Pitch=-99", Yaw=+431"
UVSP 14:50			Qual=01		
			Exp #=40496		

Event # = 8240		86/06/05		DOY=156			
86/06/05,01:22	DOY=156	SMM Pointing:		Pitch=-102",Yaw=+108",Ro11=0deg		H.Ang=94deg	
Start	Peak	End times					
GOES							
HXRBS	01:21:58	01:22:20	01:22:48	Peak...c/s=68		Maxkey=91	
UVSP	01:14			Wavelength=2788A		Rast=180"x1" Step=0" Pitch=-98",Yaw=+134"	
Exp #=40534							
Event # = 8245		86/06/14		DOY=165			
86/06/14,23:03	DOY=165	SMM Pointing:		Pitch=-36",Yaw=+499",Ro11=0deg		H.Ang=32deg	
Start	Peak	End times					
GOES							
HXRBS	23:02:57	23:03:14	23:04:06	Peak...c/s=84		Maxkey=545	
UVSP	22:30			Wavelength=2788A		Rast=180"x1" Step=0" Pitch=-31",Yaw=+527"	
Exp #=40798							
Event # = 7864		86/06/15		DOY=166			
86/06/15,20:38	DOY=166	SMM Pointing:		Pitch=+286",Yaw=+49",Ro11=90deg		H.Ang=18deg	
Start	Peak	End times					
GOES							
HXRBS	20:37:45	20:38:05	20:38:20	Peak...c/s=93		Maxkey=119	
UVSP	20:38			Wavelength=1375A		Rast=265"x265" Step=5" Pitch=+290",Yaw=+72"	
Exp #=40827							
Event # = 8246		86/06/18		DOY=169			
86/06/18,02:57	DOY=169	SMM Pointing:		Pitch=-45",Yaw=-198",Ro11=0deg		H.Ang=12deg	
Start	Peak	End times					
GOES							
HXRBS	02:56:56	02:57:37	02:58:47	Peak...c/s=115		Maxkey=175	
UVSP	03:01			Wavelength=2788A		Rast=180"x1" Step=0" Pitch=-40",Yaw=-180"	
Exp #=40900							
Event # = 8247		86/06/21		DOY=172			
86/06/21,06:32	DOY=172	SMM Pointing:		Pitch=-210",Yaw=+44",Ro11=0deg		H.Ang=13deg	
Start	Peak	End times					
GOES							
HXRBS	06:32:50	06:32:59	06:34:33	Peak...c/s=61		Maxkey=147	
UVSP	06:29			Wavelength=2788A		Rast=180"x1" Step=0" Pitch=-204",Yaw=+68"	
Exp #=41001							
Event # = 21265		86/07/10		DOY=191			
86/07/10,20:28	DOY=191	SMM Pointing:		Pitch=-72",Yaw=-685",Ro11=0deg		H.Ang=47deg	
Start	Peak	End times					
Optical							
GOES	20:20	20:28	20:39	Ha...Class=SF		Mac.=CS0 Carr.Lon.=224deg	
BCS	20:27	20:28	20:29	Importance=87		H.Ang=50deg	
FCS	20:27	20:28	20:29	CaPeak.c/s=25		#Peaks=1 dt= 7.7s XEN=619100	
UVSP	20:24	20:28	20:28	Peak3...c/s=36		Rast=0"x0" Cad= 922s 921.6s/pixel	
Exp #=41531							

Event # = 21266			86/07/11			DOY=192		
86/07/11,05:06			DOY=192			Peak		
Start			End times			SMM Pointing:		
Optical			N07W52			Pitch=-76",Yaw=-740",Roll=0deg		
GOES 04:55			N08W55			Mac.=CS0 Carr. Lon.=225deg		
BCS 05:04			Qual=04			#Peaks=1 dt= 3.8s		
FCS 05:18			Qual= 5			Step=0" Cad= 860s		
UVSP 04:21			Code=00			Step=3" Pitch=+84",Yaw=+198"		
Radio Sweeps			Type/Intensity:			4995/160 8800/130 15400/64		
Radio Frequency (MHz)/Flux(sfu):			245/99 410/40 606/660 1415/230 2695/230					
Event # = 8251			86/07/13			DOY=194		
86/07/13,01:01			DOY=194			Peak		
Start			End times			SMM Pointing:		
GOES 00:58			01:12			Importance=B6		
HXRBS 00:58:36			01:01:03			Qual=01		
BCS 01:01			01:01			Qual=01		
FCS 01:01			01:04			Qual= 1		
UVSP 00:54			01:01			FePeak=01:01		
Radio Frequency (MHz)/Flux(sfu):			410/21 606/55 1415/49			dt= 7.7s XEN=619400		
Event # = 21267			86/07/21			DOY=202		
86/07/21,02:11			DOY=194			Peak		
Start			End times			SMM Pointing:		
GOES 01:21			02:11			Importance=C2		
BCS 02:32			02:33			Qual=05		
FCS 02:28			02:33			Qual= 3		
UVSP 02:28			02:33			FePeak=02:33		
Radio Frequency (MHz)/Flux(sfu):			245/51 410/130 606/540 1415/58 2695/20 4995/17 8800/15			dt= 3.8s XEN=619401		
Event # = 8252			86/07/21			DOY=202		
86/07/21,13:26			DOY=202			Peak		
Start			End times			SMM Pointing:		
GOES 13:25:44			13:26:47			Pitch=-35",Yaw=-48",Roll=0deg		
HXRBS 13:13			13:28:03			H..Ang=4deg		
UVSP 13:13			13:28:03			MaxkeV=65		
Radio Frequency (MHz)/Flux(sfu):			410/21 606/55 1415/49			Rast=180"x1" Pitch=-29",Yaw=-20"		
Event # = 8253			86/07/26			DOY=207		
86/07/26,12:48			DOY=207			Peak		
Start			End times			SMM Pointing:		
GOES 12:48:06			12:48:33			Pitch=-115",Yaw=+968",Roll=0deg		
HXRBS 12:37			12:49:38			H..Ang=7deg		
UVSP 12:37			12:49:38			MaxkeV=65		
Radio Frequency (MHz)/Flux(sfu):			410/21 606/55 1415/49			Rast=180"x1" Pitch=-110",Yaw=+908"		
Event # = 8292			86/08/03			DOY=215		
86/08/03,01:48			DOY=215			Peak		
Start			End times			SMM Pointing:		
GOES 01:48:19			01:48:31			Pitch=-67",Yaw=-91",Roll=0deg		
HXRBS 01:48:19			01:48:34			H..Ang=7deg		
UVSP 01:26			01:48:34			MaxkeV=370		
Radio Frequency (MHz)/Flux(sfu):			410/21 606/55 1415/49			Rast=243"x243" Pitch=-63",Yaw=-70"		

Event # = 12754	86/08/09		DOY=221
86/08/09, 16:03	SMM Pointing:		
Start	DOY=221	Peak	
16:03:20	16:03:26	16:03:32	
End times			
HRBS	Qual=01	Tot Cts=106	
UVSP	Peak...c/s=65	Exp #=42429	
16:14	Wavelength=1375A		
Pitch=-120", Yaw=-969", Roll=0deg			
MaxkeV=301			
Rast=280"x280" Step=10" Pitch=-113", Yaw=-948"			
Flags=NS,GB			
Event # = 12755	86/08/10		DOY=222
86/08/10, 10:57	SMM Pointing:		
Start	DOY=222	Peak	
10:57:26	10:57:27	10:57:31	
End times			
HRBS	Qual=01	Tot Cts=31	
UVSP	Peak...c/s=51	Exp #=42455	
10:59	Wavelength=2788A		
Pitch=-120", Yaw=-969", Roll=0deg			
MaxkeV=149			
Rast=180"x1" Step=0" Pitch=-115", Yaw=-774"			
Flags=NS,GB			
Event # = 8254	86/08/14		DOY=226
86/08/14, 00:37	SMM Pointing:		
Start	DOY=226	Peak	
00:37:07	00:37:18	00:39:47	
End times			
HRBS	Qual=00		
UVSP	Qual=01	Exp #=42566	
00:54	Wavelength=2788A		
Pitch=-933", Yaw=+0", Roll=0deg			
H. Ang=79deg			
MaxkeV=177			
Rast=180"x1" Step=0" Pitch=-800", Yaw=+27"			
Event # = 8255	86/08/21		DOY=233
86/08/21, 21:15	SMM Pointing:		
Start	DOY=233	Peak	
21:14:41	21:15:25	21:17:05	
End times			
HRBS	Qual=00		
UVSP	Qual=01	Exp #=42781	
20:41	Wavelength=2788A		
Pitch=-3", Yaw=-943", Roll=0deg			
H. Ang=83deg			
MaxkeV=336			
Rast=3"x3" Step=0" Pitch=+5", Yaw=+972"			
Event # = 7994	86/08/26		DOY=238
86/08/26, 12:30	SMM Pointing:		
Start	DOY=238	Peak	
12:30:31	12:30:46	12:31:22	
End times			
HRBS	Qual=01	Tot Cts=798	
UVSP	Peak...c/s=89	Exp #=42915	
12:03	Wavelength=2788A		
Pitch=-933", Yaw=-3", Roll=0deg			
H. Ang=79deg			
MaxkeV=271			
Rast=180"x1" Step=0" Pitch=-802", Yaw=+27"			
Flags=I,NS,GB			
Event # = 8294	86/08/30		DOY=242
86/08/30, 01:33	SMM Pointing:		
Start	DOY=242	Peak	
01:32:59	01:33:04	01:33:19	
End times			
HRBS	Qual=00		
UVSP	Qual=01	Tot Cts=253	
01:03	Wavelength=2788A		
Pitch=+67", Yaw=-121", Roll=0deg			
H. Ang=8deg			
MaxkeV=555			
Rast=243"x243" Step=3" Pitch=+66", Yaw=-99"			
Flags=I			
Event # = 8256	86/09/13		DOY=256
86/09/13, 03:04	SMM Pointing:		
Start	DOY=256	Peak	
03:04:04	03:04:10	03:06:26	
End times			
HRBS	Qual=00		
03:04:04	03:04:10	Tot Cts=3006	
03:06:26	Peak...c/s=124		
Pitch=-775", Yaw=-547", Roll=0deg			
H. Ang=83deg			
MaxkeV=447			

86/10/06 DOY=279		86/10/13 DOY=286		86/10/14 DOY=287	
Event # = 8263	DOY=279	SMM Pointing:	N32W03		H. Ang=26deg
86/10/06 21:23	Peak				
Goes	21:22:58	Peak...c/s=70	Qual=00		
HXRBS	21:23:47	WaveLength=2788A	Qual=01		
UVSP	21:17			Exp #=44277	
Pitch=-415", Yaw=-48", Roll=0deg					
MaxkeV=94					
Rast=180"x1" Step=0" Pitch=-292", Yaw=-13"					
Event # = 8266	DOY=286	SMM Pointing:	AR4748		H. Ang=86deg
86/10/13 17:20	Peak				
Optical	17:13	Ha...Class=SF	S05W85		
Goes	17:22:38	Importance=B7	Qual=01		
HXRBS	17:24:26	Peak...c/s=83	Qual=01		
UVSP	17:11	WaveLength=1375A	Code=00	Exp #=44514	
Associated Event # = 8264					
HXRBS	17:19:44	Peak...c/s=75	Qual=01		
Associated Event # = 8265					
HXRBS	17:20:58	Peak...c/s=76	Qual=01		
Pitch=+242", Yaw=+992", Roll=0deg					
Mac.=BX0 Carr.Lon.=86deg					
MaxkeV=67					
Rast=265"x265" Step=5" Pitch=+236", Yaw=+1022"					
MaxkeV=67					
Event # = 8267	DOY=286	SMM Pointing:	S04W87		H. Ang=87deg
86/10/13 21:41	Peak				
Goes	21:37	Importance=C6	Qual=01		
HXRBS	21:41:34	Peak...c/s=68	Qual=01		
BCS	21:41	CaPeak.c/s=29	Qual=1	FePeak=21:41	
FCS	21:24	WaveLength=2788A	Code=01	Exp #=44520	
UVSP	21:24				
Pitch=+67", Yaw=-960", Roll=0deg					
MaxkeV=67					
FePeak.c/s=10 #Peaks=1 dt= 7.7s XEN=628600					
Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel					
Rast=180"x1" Step=0" Pitch=+63", Yaw=-758"					
Event # = 21269	DOY=286	SMM Pointing:	S04W87		H. Ang=87deg
86/10/13 23:04	Peak				
Goes	22:57	Importance=C5	Qual=05		
BCS	23:04	CaPeak.c/s=19	Qual=1	FePeak=23:06	
FCS	23:06	WaveLength=2788A	Code=00	Exp #=44521	
UVSP	22:59	Type/Intensity: III/1			
Pitch=+67", Yaw=-960", Roll=0deg					
FePeak.c/s=9 #Peaks=1 dt= 7.7s XEN=628601					
Rast=0"x0" Step=0" Cad=3840s 3840s/pixel					
Rast=180"x1" Step=0" Pitch=+63", Yaw=-758"					
Event # = 21270	DOY=287	SMM Pointing:	S04W87		H. Ang=87deg
86/10/14 08:54	Peak				
Goes	08:37	Importance=C1	Qual=03		
BCS	08:43	CaPeak.c/s=28	Qual=1	FePeak=08:46	
FCS	08:48	WaveLength=2788A		Exp #=44529	
UVSP	09:26				
Pitch=+67", Yaw=-960", Roll=0deg					
FePeak.c/s=8 #Peaks=1 dt= 7.7s XEN=628700					
Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel					
Rast=180"x1" Step=0" Pitch=+63", Yaw=-758"					
Event # = 21272	DOY=287	SMM Pointing:			
86/10/14 14:52	Peak				
Goes	13:42	Importance=C2	Qual=01		
BCS	14:47	CaPeak.c/s=79	Qual=1	FePeak=14:49	
FCS	15:10	Peak3...c/s=62		Exp #=44535	
UVSP	14:43	WaveLength=2788A	Code=00		
Pitch=+33", Yaw=-992", Roll=0deg					
FePeak.c/s=12 #Peaks=1 dt= 3.8s XEN=628702					
Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel					
Rast=180"x1" Step=0" Pitch=+29", Yaw=-789"					

----- 13:44 13:49 14:12 ----- Associated Event # = 21271
 BCS 13:44 13:49 14:12 CaPeak.c/s=46 Qual=1 FePeak=13.49 dt= 7.7s XEN=628701
 FCS FePeak.c/s=12 #Peaks=1 Step=10" Cad= 590s XEN=628701
 UVSP 14:09 Wavelength=2788A Exp #=44534 Rast=180"x1" Pitch=63", Yaw=-758"

----- 86/10/16 DOY=289 -----
 Event # = 8268
 86/10/16, 17:56 DOY=289 SMM Pointing: N22E88 Pitch=-359", Yaw=+892", Roll=0deg H.Ang=86deg
 Start Peak
 GOES 17:49 17:56 18:00 Importance=C5 Qual=01
 HXRBS 17:55:58 17:56:40 17:57:25 Peak...c/s=84 Qual=01
 UVSP 18:00 Wavelength=2788A Code=02 Exp #=44592 MaxkeV=67
 Rast=180"x1" Step=0" Pitch=-363", Yaw=+839"

----- 86/10/16 DOY=289 -----
 Event # = 8336
 86/10/16, 20:17 DOY=289 SMM Pointing: N22E88 Pitch=-359", Yaw=+892", Roll=0deg H.Ang=86deg
 Start Peak
 GOES 20:05 20:17 20:30 Importance=C1 Qual=05
 HXRBS 20:16:32 20:16:40 20:17:00 Peak...c/s=57 Qual=01 Tot Cts=208
 BCS 20:16 20:17 20:26 CaPeak.c/s=32 Qual=1 FePeak=20.17
 FCS Type/Intensity: III/I V/I
 UVSP 20:09 Wavelength=2788A Code=00 Exp #=44594
 Radio Sweeps

----- 86/10/16 DOY=289 -----
 Event # = 22532
 86/10/16, 20:54 DOY=289 SMM Pointing: N22E88 Pitch=-359", Yaw=+892", Roll=0deg H.Ang=86deg
 Start Peak
 GOES 20:49 20:54 21:01 CaPeak.c/s=19 Qual=00
 BCS 20:49 20:54 21:01 Importance=C1 Qual=01 FePeak=20.49
 FCS Peak
 UVSP 20:09 Wavelength=2788A Code=01 Exp #=44594
 Radio Sweeps

----- 86/10/17 DOY=290 -----
 Event # = 8270
 86/10/16, 22:03 DOY=289 SMM Pointing: N22E88 Pitch=-359", Yaw=+892", Roll=0deg H.Ang=86deg
 Start Peak
 GOES 21:56 22:03 22:10 Importance=B9 Qual=01
 HXRBS 22:02:29 22:02:49 22:03:31 Peak...c/s=397 Qual=01 Tot Cts=3447
 UVSP 21:42 Wavelength=2788A Code=01 Exp #=44595
 Radio Sweeps Type/Intensity: III/I

----- 86/10/17 DOY=290 -----
 Event # = 8339
 86/10/17, 19:59 DOY=290 SMM Pointing: N21E88 Pitch=-336", Yaw=+902", Roll=0deg H.Ang=86deg
 Start Peak
 Optical Carr.=BX0 Mac.=BX0 Carr.Lon.=237deg H.Ang=69deg
 GOES 19:51 19:59 20:04 Importance=B5 Qual=01
 HXRBS 19:56:06 19:58:21 19:59:43 Peak...c/s=50 Qual=01 Tot Cts=286
 UVSP 19:52 Wavelength=2788A Code=00 Exp #=44650
 Radio Sweeps

----- 86/10/17 DOY=290 -----
 Event # = 8271
 86/10/17, 23:23 DOY=290 SMM Pointing: N21E88 Pitch=-336", Yaw=+902", Roll=0deg H.Ang=86deg
 Start Peak
 GOES 23:09 23:23 23:32 Importance=C7 Qual=01
 HXRBS 23:12:40 23:12:47 23:13:03 Peak...c/s=76 Qual=01
 UVSP 23:00 Wavelength=1375A Code=00 Exp #=44655
 Radio Sweeps Type/Intensity: III/I

Event # = 21273		86/10/18		DOY=291	
86/10/18, 00:33	Start	DOY=291	Peak	SMM Pointing: N21E88	
Optical	End times	Pitch=-336", Yaw=+902", Roll=0deg			
GOES	00:24	00:33	00:44	AR4750	Mac.=DKC Carr. Lon.=237deg H. Ang=66deg
BCS	00:32	00:32	00:35	FePeak=00:32	FePeak.c/s=8 dt= 7.7s XEN=629100
FCS				Exp #=44656	Rast=0"x0" Cad=3840s 3840s/pixel
UVSP	00:33				Rast=280"x280" Pitch=-338", Yaw=+930"
Radio	Frequency (MHz)/Flux(sfu):	245/4600 410/930			
Event # = 8272					
86/10/18, 03:41	Start	DOY=291	Peak	SMM Pointing: N21E88	
Optical	End times	Pitch=-336", Yaw=+902", Roll=0deg			
GOES	03:20	03:41	03:50	AR4750	Mac.=DKC Carr. Lon.=234deg H. Ang=67deg
HXRBS	03:40:40	03:41:28	03:43:10	Tot Cts=4086	MaxkeV=122
BCS	03:42	03:43	03:47	FePeak=03:43	FePeak.c/s=14 dt= 3.8s XEN=629101
FCS				Exp #=44676	Rast=240"x240" Cad= 262s 1.024s/pixel
UVSP	03:41				Rast=280"x280" Pitch=-338", Yaw=+930"
Radio	Frequency (MHz)/Flux(sfu):	245/36			
Event # = 21274					
86/10/18, 04:15	Start	DOY=291	Peak	SMM Pointing: N21E88	
Optical	End times	Pitch=-336", Yaw=+902", Roll=0deg			
GOES	04:00	04:15	05:04	AR4750	Mac.=DKC Carr. Lon.=229deg H. Ang=72deg
BCS	04:05	04:09	04:28	FePeak=04:06	FePeak.c/s=10 dt= 7.7s XEN=629102
FCS				Exp #=44683	Rast=240"x240" Cad= 590s 1.024s/pixel
UVSP	04:13				Rast=30"x30" Pitch=-303", Yaw=+835"
Radio	Frequency (MHz)/Flux(sfu):	245/36			
Event # = 21275					
86/10/18, 05:19	Start	DOY=291	Peak	SMM Pointing: N21E88	
Optical	End times	Pitch=-336", Yaw=+902", Roll=0deg			
GOES	05:09	05:19	05:59	AR4750	Mac.=DKC Carr. Lon.=231deg H. Ang=67deg
BCS	05:17	05:22	05:37	FePeak=05:18	FePeak.c/s=10 dt= 7.7s XEN=629103
FCS				Exp #=44689	Rast=0"x0" Cad=1.02s 1.024s/pixel
UVSP	05:17				Rast=30"x30" Pitch=-313", Yaw=+835"
Radio	Frequency (MHz)/Flux(sfu):	245/36			
Event # = 8273					
86/10/18, 12:20	Start	DOY=291	Peak	SMM Pointing: N21E67	
Optical	End times	Pitch=-336", Yaw=+902", Roll=0deg			
GOES	12:10	12:20	12:40	AR4750	Mac.=DKC Carr. Lon.=231deg H. Ang=67deg
HXRBS	12:14:49	12:16:03	12:16:41	Tot Cts=1948	MaxkeV=67
BCS	12:18	12:21	12:29	FePeak=12:21	FePeak.c/s=8 dt= 7.7s XEN=629104
FCS				Exp #=44745	Rast=240"x240" Cad= 590s 1.024s/pixel
UVSP	12:15				Rast=30"x30" Pitch=-333", Yaw=+835"

Event # = 8340		DOY=291													
86/10/18,14:01	Start	14:01	Peak	13:56:01	End times	AR4750	Mac.=DKC	Carr.Lon.=231deg	H.Ang=66deg						
Optical															
GOES	13:51	14:10		13:56:20			MaxkeV=67	Flags=I							
HXRBS	13:55:46	13:56:01					Rast=30"x30"	Step=0"	Pitch=-303"	Yaw=+825"					
UVSP	13:58														
Event # = 8274		DOY=292													
86/10/19,00:50	Start	00:50	Peak	00:43:30	End times	AR4750	Mac.=EKI	Carr.Lon.=229deg	H.Ang=62deg						
Optical															
GOES	00:23	02:56		01:01:58			MaxkeV=412	Flags=M5,EN							
HXRBS	00:20:05	00:43:30					FePeak.c/s=908	#Peaks=1	dt= 7.7s	XEN=629200					
BGS	00:46	01:02					Rast=300"x300"	Step=10"	Cad= 922s	1.024s/pixel					
FCS								Step=0"	Pitch=-335"	Yaw=+783"					
UVSP	00:37														
Radio Sweeps															
Radio Frequency (MHz)/Flux(sfu):															
Event # = 21276		DOY=292													
86/10/19,10:01	Start	10:01	Peak	09:59	End times										
Optical															
GOES	09:51	10:12		10:05			FePeak.c/s=9	#Peaks=2	dt= 7.7s	XEN=629201					
BGS	09:59	10:05					Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel					
FCS								Step=0"	Pitch=-348"	Yaw=+751"					
UVSP	09:49														
Event # = 8341		DOY=292													
86/10/19,16:35	Start	16:35	Peak	16:29:28	End times										
Optical															
GOES	16:24	16:43		16:41:25			MaxkeV=122	Flags=I							
HXRBS	16:29:28	16:39:12					FePeak.c/s=11	#Peaks=2	dt= 7.7s	XEN=629202					
BGS	16:31	16:34					Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel					
FCS								Step=0"	Pitch=-314"	Yaw=+667"					
UVSP	16:35														
Event # = 8342		DOY=292													
86/10/19,16:46	Start	16:46	Peak	16:46:20	End times										
Optical															
GOES	16:41:28	16:49:44					MaxkeV=306	Flags=I,AX							
HXRBS	16:41:28	16:46:20					Rast=30"x30"	Step=0"	Pitch=-314"	Yaw=+667"					
UVSP	16:35														

Event # = 8275		DOY=292		SMM Pointing:		N19E55		Pitch=-262", Yaw=+744", Roll=0deg		H. Ang=55deg	
86/10/19, 20:30	Start	End times	Peak	Ha...Class=1F		N18E58		Mac.=EKI		Carr. Lon.=222deg	
Optical				Importance=86		Qual=01				H. Ang=58deg	
GOES	20:20	20:40	20:30	Peak...c/s=122		Qual=01		MaxkeV=94		#Peaks=1 dt= 7.7s XEN=629203	
HXRBS	20:31:43	20:33:14	20:31:56	CaPeak.c/s=27		Qual= 4		Rast=0"x0"		Step=0" Cad=3840s 3840s/pixel	
BCS	20:32	20:35	20:33	Wavelength=2788A		Code=02		Rast=243"x243"		Pitch=-265", Yaw=+768"	
FCS				Type/Intensity:		Exp #=44923					
UVSP	20:36			V/2							
Radio Sweeps				Frequency(MHz)/Flux(sfu):		245/11000					
Radio											
Event # = 8276		DOY=292		SMM Pointing:		N19E55		Pitch=-262", Yaw=+744", Roll=0deg		H. Ang=55deg	
86/10/19, 21:18	Start	End times	Peak	Ha...Class=SN		N21E48		Mac.=EKI		Carr. Lon.=232deg	
Optical				Importance=C5		Qual=03				H. Ang=49deg	
GOES	21:00	21:50	21:18	Peak...c/s=106		Qual=01		MaxkeV=67		#Peaks=1 dt= 3.8s XEN=629204	
HXRBS	21:05:27	21:14:47	21:12:17	CaPeak.c/s=157		Qual= 1		Rast=115"x115"		Step=5" Cad=1083s 2,048s/pixel	
BCS	21:09	21:16	21:15	Wavelength=2788A		Code=00		Rast=243"x243"		Pitch=-265", Yaw=+768"	
FCS				Type/Intensity:		Exp #=44923					
UVSP	20:36			V/2							
Radio Sweeps				Frequency(MHz)/Flux(sfu):		245/11000					
Radio											
Event # = 8278		DOY=293		SMM Pointing:		N19E51		Pitch=-258", Yaw=+710", Roll=0deg		H. Ang=51deg	
86/10/20, 03:28	Start	End times	Peak	Ha...Class=SF		N22E45		Mac.=EKI		Carr. Lon.=231deg	
Optical				Importance=C1		Qual=01				H. Ang=46deg	
GOES	03:09	03:37	03:28	Peak...c/s=313		Qual=01		MaxkeV=122		#Peaks=1 dt= 7.7s XEN=629300	
HXRBS	03:24:12	03:26:00	03:24:38	CaPeak.c/s=29		Qual= 1		Rast=0"x0"		Step=0" Cad=1.02s 1,024s/pixel	
BCS	03:25	03:29	03:25	Wavelength=1375A		Code=00		Rast=30"x30"		Pitch=-294", Yaw=+655"	
FCS				Type/Intensity:		Exp #=44948					
UVSP	03:22			I11/2							
Radio Sweeps				Frequency(MHz)/Flux(sfu):		245/1100 410/2600 606/4000 4995/670 8800/490 15400/720					
Radio				Peak...c/s=173		Qual=01		Associated Event # = 8277			
HXRBS	03:22:11	03:23:57	03:22:44	Total Cts=2810		Exp #=44948					
Event # = 8343		DOY=293		SMM Pointing:		N19E48		Pitch=-255", Yaw=+677", Roll=0deg		H. Ang=49deg	
86/10/20, 08:01	Start	End times	Peak	Ha...Class=1N		N22E43		Mac.=EKI		Carr. Lon.=231deg	
Optical				Importance=C2		Qual=01				H. Ang=45deg	
GOES	07:50	08:12	08:01	Peak...c/s=83		Qual=01		MaxkeV=94		#Peaks=1 dt= 7.7s XEN=629300	
HXRBS	07:55:37	07:56:28	07:56:09	Wavelength=1375A		Code=00		Rast=30"x30"		Pitch=-341", Yaw=+649"	
UVSP	07:56			Type/Intensity:		Exp #=44982					
Radio Sweeps				Frequency(MHz)/Flux(sfu):		245/2500 410/590					
Radio											
Event # = 8279		DOY=293		SMM Pointing:		N19E46		Pitch=-252", Yaw=+657", Roll=0deg		H. Ang=47deg	
86/10/20, 12:44	Start	End times	Peak	Ha...Class=SF		N23E41		Mac.=EKI		Carr. Lon.=230deg	
Optical				Importance=B4		Qual=01				H. Ang=43deg	
GOES	12:35	12:56	12:44	Peak...c/s=52		Qual=01		MaxkeV=67		#Peaks=1 dt= 7.7s XEN=629203	
HXRBS	12:42:37	12:43:00	12:43:00	Wavelength=1375A		Code=00		Rast=30"x30"		Pitch=-288", Yaw=+602"	
UVSP	12:33			Type/Intensity:		Exp #=45012					

86/10/24		DOY=297	
Event # = 21279	86/10/24, 04:40	DOY=297	Peak
Optical	SMM Pointing:	N21W05	
GOES 04:20	Ha...Class=SF	N25W02	AR4750
BCS 04:37	Importance=88	Qual=01	
FCS 04:38	CaPeak.c/s=19	Qual= 1	FePeak=04:37
UVSP 04:33	Peak3...c/s=14	Code=00	Exp #=45423
	Wavelength=1375A		
Event # = 21280	86/10/24, 05:34	DOY=297	Peak
Optical	SMM Pointing:	N21W05	
GOES 05:24	Ha...Class=IN	N25W03	AR4750
BCS 05:51	Importance=C1	Qual=05	
FCS 05:51	CaPeak.c/s=38	Qual= 4	FePeak=05:52
UVSP 05:46	Peak3...c/s=22		Exp #=45428
	Wavelength=2788A		
Event # = 8284	86/10/24, 12:42	DOY=297	Peak
GOES 12:30	SMM Pointing:	N21W09	
HXRBS 12:37:57	Importance=C2	Qual=03	
BCS 12:39	Peak...c/s=946	Qual=01	Tot Cts=32066
FCS 12:45	CaPeak.c/s=166	Qual= 1	FePeak=12:40
UVSP 13:01	Peak3...c/s=144		Exp #=45437
Radio	Wavelength=2788A		
	Frequency(MHz)/Flux(sfu):	4995/38 8800/110	15400/67
Event # = 8345	86/10/24, 20:12	DOY=297	Peak
Optical	SMM Pointing:	N22W12	AR4750
GOES 20:00	Ha...Class=SF	Qual=01	
HXRBS 20:06:00	Importance=B5	Qual=01	Tot Cts=151
UVSP 20:00	Peak...c/s=61	Code=00	Exp #=45447
	Wavelength=1375A		
Event # = 21281	86/10/24, 23:29	DOY=297	Peak
Optical	SMM Pointing:	N21W15	
GOES 23:14	Ha...Class=SF	N23W16	AR4750
BCS 23:25	Importance=B7	Qual=01	
FCS 23:25	CaPeak.c/s=23	Qual= 1	FePeak=23:25
UVSP 23:25	Peak...c/s=87		Exp #=45462
Radio Sweeps	Wavelength=1375A	Code=00	
	Type/Intensity:	III/1	
Event # = 8346	86/10/26, 01:56	DOY=299	Peak
Optical	SMM Pointing:	N21W30	
GOES 01:46	Ha...Class=SF	N24W29	AR4750
HXRBS 01:53:00	Importance=B5	Qual=01	
UVSP 01:53	Peak...c/s=87	Qual=01	Tot Cts=642
	Wavelength=1375A	Code=00	Exp #=45512

Event # = 8286		86/10/28		DOY=301	
86/10/28, 20:14	DOY=301	SMM Pointing:	N21W65	Pitch=-314", Yaw=-817", Roll=0deg	H. Ang=65deg
Start	Peak	Importance=B8	Qual=01		
20:06	20:14	Peak...c/s=116	Qual=01		
20:09:18	20:10:16	Wavelength=2788A	Code=00	Tot Cts=1296	
19:54				Exp #=45657	
Event # = 8285		86/10/28, 21:29		DOY=301	
86/10/28, 21:29	DOY=301	SMM Pointing:	S25W32	Pitch=+467", Yaw=-460", Roll=0deg	H. Ang=43deg
Start	Peak	Ha...Class=Sf	N22W61	Mac.=CSO	Carr. Lon.=222deg
21:00	21:29	Importance=C1	Qual=04	MaxkeV=57	H. Ang=61deg
21:24:35	21:25:07	Peak...c/s=161	Qual=01	Rast=243"x243"	
21:28		Wavelength=2788A	Code=00	Step=3"	Pitch=-319", Yaw=-793"
Event # = 8347		86/10/30		DOY=303	
86/10/30, 00:20	DOY=303	SMM Pointing:		Pitch=+0", Yaw=+998", Roll=0deg	
Start	Peak	Importance=B5	Qual=01		
00:10	00:20	Peak...c/s=207	Qual=01	MaxkeV=122	Flags=I
00:16:29	00:16:51	Wavelength=1375A	Code=00	Rast=265"x265"	Step=5"
00:09				Step=5"	Pitch=-4", Yaw=+1026"
Radio Sweeps		Type/Intensity:			
Frequency (MHz)/Flux(sfu):		245/15000 410/870 606/260 1415/130 4995/130			
Event # = 8348		86/10/30		DOY=303	
86/10/30, 00:35	DOY=303	SMM Pointing:		Pitch=+235", Yaw=+996", Roll=0deg	
Start	Peak	Importance=B6	Qual=01		
00:24	00:35	Peak...c/s=61	Qual=01	MaxkeV=67	Flags=I
00:31:03	00:31:41	Wavelength=1375A	Code=00	Rast=265"x265"	Step=5"
00:33				Step=5"	Pitch=+236", Yaw=+1026"
Event # = 8350		86/10/30		DOY=303	
86/10/30, 09:58	DOY=303	SMM Pointing:	AR4750		
Start	Peak	Importance=C1	Qual=01		
09:47	09:58	Peak...c/s=66	Qual=01	MaxkeV=67	Flags=I
09:54:29	09:54:42	CaPeak.c/s=52	Qual=1	FePeak.c/s=13	#Peaks=1
09:53	09:56	Peak3...c/s=380		Rast=0"x0"	dt= 7.7s XEN=630300
09:29	09:59	Wavelength=2788A		Rast=180"x1"	Cad= 860s 860.4s/pixel
Event # = 12756		86/10/30		DOY=303	
86/10/30, 10:06	DOY=303	SMM Pointing:		Pitch=0", Yaw=-380", Roll=0deg	
Start	Peak	Importance=C1	Qual=01		
10:06:30	10:06:35	Peak...c/s=86	Qual=01	MaxkeV=151	Flags=NS,GB
10:26	10:06:40	Wavelength=2788A		Rast=180"x1"	Step=0"
Event # = 21282		86/10/30		DOY=303	
86/10/30, 10:08	DOY=303	SMM Pointing:			
Start	Peak	Importance=C1	Qual=01		
10:06	10:08	CaPeak.c/s=38	Qual=1	FePeak.c/s=12	#Peaks=2
10:04	10:06	Peak3...c/s=205		Rast=0"x0"	dt= 7.7s XEN=630301
10:26	10:04	Wavelength=2788A		Rast=180"x1"	Cad= 860s 860.4s/pixel
				Step=0"	Pitch=-380", Yaw=-687"

Event # = 21283		86/10/31		DOY=304	
86/10/31,22:02	DOY=304	S02E33			
Optical	Peak	SMM Pointing:			Pitch=+96",Yaw=+529",Roll=0deg
GOES	22:02	Ha...Class=SF	AR4755		Mac.=BX0 Carr.Lon.=89deg H.Ang=32deg
BCS	21:42	CaPeak.c/s=44	FePeak=22:16		dt= 7.7s XEN=630400
FCS	21:59	WaveLength=1375A	Exp #=45753		Step=10" Cad= 922s 1.024s/pixel
UVSP		Frequency(MHz)/Flux(sfu): 245/89			Step=0" Pitch=+29",Yaw=+519"
Event # = 21284		86/11/01		DOY=305	
86/11/01,06:21	DOY=305	S02E29			
Optical	Peak	SMM Pointing:			Pitch=+466",Yaw=-99",Roll=90deg
GOES	06:10	Importance=89			dt= 7.7s XEN=630500
BCS	06:19	CaPeak.c/s=18	FePeak=06:19		Step=0" Cad=1.02s 1.024s/pixel
FCS	06:18	WaveLength=1375A	Code=00		Step=0" Pitch=+343",Yaw=-127"
UVSP					
Event # = 21285		86/11/04		DOY=308	
86/11/04,09:11	DOY=308	S04W26			
Optical	Peak	SMM Pointing:			Pitch=+128",Yaw=-430",Roll=0deg
GOES	09:11	Ha...Class=1F	AR4754		Mac.=HHX Carr.Lon.=103deg H.Ang=13deg
BCS	08:42	CaPeak.c/s=40	FePeak=09:20		dt= 7.7s XEN=630501
FCS	08:45	WaveLength=1375A	Exp #=45807		Step=10" Cad= 922s 1.024s/pixel
UVSP					Step=5" Pitch=+96",Yaw=+469"
Event # = 21286		86/11/05		DOY=309	
86/11/05,08:10	DOY=309	N01W40			
Optical	Peak	SMM Pointing:			Pitch=-626",Yaw=-40",Roll=90deg
GOES	08:10	Importance=86			dt= 7.8s XEN=630800
BCS	07:30	CaPeak.c/s=19	FePeak=18:26		Step=10" Cad= 922s 1.024s/pixel
FCS	07:33:56	WaveLength=2788A	Code=01		Step=0" Pitch=+124",Yaw=-396"
UVSP	08:58		Exp #=45914		
Event # = 8287		86/11/05		DOY=309	
86/11/05,21:40	DOY=309	S04W37			
Optical	Peak	SMM Pointing:			Pitch=+119",Yaw=-584",Roll=0deg
GOES	21:40	Ha...Class=SN	AR4755		Mac.=CR0 Carr.Lon.=87deg H.Ang=38deg
BCS	21:36	Importance=C1	FePeak=21:37		dt= 7.7s XEN=630900
FCS	21:36	CaPeak.c/s=40	Exp #=45948		Step=0" Cad=41.0s 40.96s/pixel
UVSP	22:00	WaveLength=2788A			Step=0" Pitch=+115",Yaw=-557"

Event # = 8288		86/11/06		DOY=310	
86/11/06,02:29	DOY=310	SMM Pointing:		Pitch=+117",Yaw=-619",Roll=0deg	
Start	Peak	S04W40		H.Ang=41deg	
Optical		N02W34		H.Ang=34deg	
GOES 01:42	02:29	Qual=01			
HRBS 02:19:46	02:21:37	Qual=01			
UVSP 02:43	02:22:00	Qual=01			
Radio	Frequency(MHz)/Flux(sfu):	245/380		Step=0" Pitch=+113",Yaw=-591"	
Event # = 8289		86/11/07		DOY=311	
86/11/07,05:39	DOY=310	SMM Pointing:		Pitch=+116",Yaw=-641",Roll=0deg	
Start	Peak	S04W42		H.Ang=42deg	
Optical		N01W36		H.Ang=36deg	
GOES 05:23	05:39	Qual=01			
HRBS 05:36:06	05:36:16	Qual=01			
BCS 05:37	05:38	Qual= 5			
FCS	05:39	Qual=01			
UVSP 05:50	05:39	Qual=01			
	Importance=C1	FePeak.c/s=17		#Peaks=1 dt= 3.8s XEN=631000	
	Peak...c/s=62	FePeak=05:37		Step=0" Cad= 922s 921.6s/pixel	
	CaPeak.c/s=42	Exp #=45958		Step=0" Pitch=+112",Yaw=-613"	
	Peak3...c/s=107				
	Wavelength=2788A				
Event # = 8290		86/11/07		DOY=311	
86/11/07,06:28	DOY=311	SMM Pointing:		Pitch=-247",Yaw=+998",Roll=0deg	
Start	Peak	N03W49		H.Ang=49deg	
Optical		Qual=01			
GOES 06:15	06:28	Qual=01			
HRBS 06:22:53	06:23:21	Qual=01			
UVSP 06:20	06:24:28	Code=00			
Radio Sweeps	Type/Intensity:	III/I V/2		Step=5" Pitch=-244",Yaw=+1028"	
Event # = 12757		86/11/09		DOY=313	
86/11/09,05:28	DOY=313	SMM Pointing:		Pitch=+16",Yaw=-969",Roll=0deg	
Start	Peak	S01W87		H.Ang=87deg	
HRBS 05:28:58	05:28:59	Qual=01			
UVSP 05:18	05:29:01	Qual=01			
	Peak...c/s=184	Tot Cts=157		Flags=NS,GB	
	Wavelength=1375A	Exp #=46059		Step=5" Pitch=+13",Yaw=-939"	
Event # = 8351		86/11/11		DOY=315	
86/11/11,04:33	DOY=315	SMM Pointing:		Pitch=+50",Yaw=-1004",Roll=0deg	
Start	Peak	Qual=00			
GOES 04:26:14	04:33:38	Qual=01			
HRBS 04:19	04:37:48	Qual=01			
UVSP 04:19	04:37:48	Qual=01			
	Peak...c/s=246	Tot Cts=42468		Flags=I	
	Wavelength=2788A	Exp #=46131		Step=0" Pitch=+46",Yaw=-796"	
Event # = 8291		86/11/13		DOY=317	
86/11/13,02:11	DOY=317	SMM Pointing:		Pitch=-2",Yaw=-1",Roll=0deg	
Start	Peak	N03W00		H.Ang=0deg	
GOES 02:11:01	02:11:42	Qual=00			
HRBS 02:00	02:14:55	Qual=01			
UVSP 02:00	02:14:55	Qual=01			
	Peak...c/s=150	Tot Cts=5408		Step=3" Pitch=-449",Yaw=+614"	
	Wavelength=2788A	Exp #=46188			

86/11/20 DOY=324		
Event # = 21288	86/11/20, 09:13	DOY=324
Start	09:13	Peak
Optical	09:46	End times
GOES	09:09	09:18
BCS	09:09	09:18
FCS		
UVSP	09:14	
SMM Pointing:	N23E05	
Ha...Class=Sf	N25E09	
Importance=C2	Qual=03	
CaPeak.c/s=38	Qual=1	
Wave length=2788A	Code=02	
Exp #=46403		
Pitch=-344", Yaw=+77", Roll=0deg	H. Ang=21deg	
Mac.=AXX	Carr. Lon.=215deg	
FePeak.c/s=7	#Peaks=1 dt= 7.7s	
Rast=0"x0"	Cad=.26s	
Rast=180"x1"	Step=0" Pitch=-348", Yaw=+104"	
86/11/23 DOY=327		
Event # = 12758	86/11/23, 04:21	DOY=327
Start	04:21:15	Peak
End times	04:21:25	End times
HRBS	04:21:08	04:21:15
UVSP	04:48	04:21:25
Peak...c/s=65	Qual=01	
Wave length=2788A	Exp #=46482	
MaxkeV=152	Flags=NS,GB	
Rast=180"x1"	Step=0" Pitch=-4", Yaw=+34"	
86/11/27 DOY=331		
Event # = 8293	86/11/27, 00:42	DOY=331
Start	00:41:57	Peak
End times	00:42:11	End times
HRBS	00:41:57	00:42:03
UVSP	00:39	00:42:11
SMM Pointing:	N24W88	
Peak...c/s=122	Qual=01	
Wave length=1375A	Exp #=46581	
Pitch=-396", Yaw=-889", Roll=0deg	H. Ang=88deg	
MaxkeV=378	Flags=NS,GB	
Rast=205"x265"	Step=5" Pitch=-400", Yaw=-858"	
86/12/09 DOY=343		
Event # = 8295	86/12/09, 09:17	DOY=343
Start	09:17	Peak
End times	09:57	End times
GOES	08:35	09:17
HRBS	09:00:19	09:00:55
UVSP	09:03	09:04:02
Importance=C1	Qual=02	
Peak...c/s=67	Qual=01	
Wave length=2788A	Code=01	
Exp #=46888		
MaxkeV=67	Step=0" Pitch=-6", Yaw=+42"	
Rast=180"x1"		
86/12/10 DOY=344		
Event # = 8296	86/12/10, 12:15	DOY=344
Start	12:15	Peak
End times	12:54	End times
GOES	11:52	12:15
HRBS	12:24:50	12:26:04
UVSP	12:20	12:29:33
SMM Pointing:	N00W00	
Importance=B7	Qual=05	
Peak...c/s=78	Qual=01	
Wave length=2788A	Code=02	
Exp #=46924		
MaxkeV=123	Flags=AX	
Rast=180"x1"	Step=0" Pitch=-6", Yaw=+42"	
86/12/30 DOY=364		
Event # = 8305	86/12/30, 02:24	DOY=364
Start	02:24	Peak
End times	02:27:05	End times
GOES	02:23:52	02:24:36
HRBS	02:05	02:27:05
UVSP	02:05	02:27:05
SMM Pointing:	S03W00	
Peak...c/s=69	Qual=00	
Wave length=2788A	Qual=01	
Exp #=47470		
MaxkeV=124	Step=0" Pitch=-7", Yaw=+57"	
Rast=180"x1"		
87/01/03 DOY=3		
Event # = 8307	87/01/03, 08:59	DOY=3
Start	08:59:03	Peak
End times	08:59:17	End times
GOES	08:58:49	08:59:03
HRBS	08:09	08:59:17
UVSP	09:09	08:59:17
Peak...c/s=172	Qual=01	
Wave length=2788A	Exp #=47567	
MaxkeV=212	Flags=M1	
Rast=180"x1"	Step=0" Pitch=-161", Yaw=-69"	

Event # = 8312	87/01/07		DOY=7			
87/01/07, 22:17	Start	End times	SMM Pointing:	S04W00	Pitch=+2", Yaw=+8", Roll=0deg	H. Ang=0deg
GOES						
HXRBS	22:14:56	22:17:25	Peak...c/s=63	Tot Cts=2232	MaxkeV=124	Flags=AX
UVSP	22:11		Wavelength=2788A	Exp #=47677	Rast=180"x1"	Pitch=-7", Yaw=+57"
Event # = 8313	87/01/08		DOY=8			
87/01/08, 14:08	Start	End times	SMM Pointing:	S04W00	Pitch=+2", Yaw=+8", Roll=0deg	H. Ang=0deg
GOES						
HXRBS	14:08:12	14:08:57	Peak...c/s=105	Tot Cts=624	MaxkeV=212	Flags=AX
UVSP	13:53		Wavelength=2788A	Exp #=47692	Rast=180"x1"	Pitch=-7", Yaw=+57"
Event # = 8327	87/01/20		DOY=20			
87/01/20, 17:01	Start	End times	SMM Pointing:	S04W00	Pitch=+2", Yaw=+8", Roll=0deg	H. Ang=0deg
GOES						
HXRBS*	16:57:38	17:01:04	Peak...c/s=66	Tot Cts=2707	MaxkeV=67	Flags=AX
UVSP						
Event # = 8328	87/01/26		DOY=26			
87/01/26, 17:44	Start	End times	SMM Pointing:	S04W00	Pitch=+2", Yaw=+8", Roll=0deg	H. Ang=0deg
GOES						
HXRBS*	17:43:59	17:44:01	Peak...c/s=816	Tot Cts=28773	MaxkeV=244	Flags=EN, SA, AX
UVSP	18:11		Wavelength=2788A	Exp #=47977	Rast=180"x1"	Pitch=-7", Yaw=+57"
Event # = 8359	87/01/26		DOY=26			
87/01/26, 14:23	Start	End times	SMM Pointing:	S04W00	Pitch=+2", Yaw=+8", Roll=0deg	H. Ang=0deg
Optical						
GOES	13:46	14:23	Ha...Class=SF	AR4765	Mac. =BX0	Carr. Lon.=124deg
HXRBS	13:58:04	14:13:47	Importance=B4	Tot Cts=10665	MaxkeV=153	Flags=I, SN
UVSP	15:01		Peak...c/s=55	Exp #=48120	Rast=180"x1"	Pitch=-7", Yaw=+57"
Event # = 12759	87/02/02		DOY=33			
87/02/02, 02:53	Start	End times	SMM Pointing:	S38E08	Pitch=+516", Yaw=+102", Roll=0deg	H. Ang=33deg
HXRBS	02:53:42	02:53:49	Peak...c/s=67	Tot Cts=188	MaxkeV=381	Flags=NS, GB
UVSP	03:09		Wavelength=2788A	Exp #=48276	Rast=180"x1"	Pitch=+509", Yaw=+149"
Event # = 8334	87/02/02		DOY=33			
87/02/02, 12:41	Start	End times	SMM Pointing:	S38E02	Pitch=+515", Yaw=+27", Roll=0deg	H. Ang=32deg
HXRBS	12:41:15	12:41:17	Peak...c/s=1816	Tot Cts=1953	MaxkeV=310	Flags=M1, NS
UVSP	12:35		Wavelength=2788A	Exp #=48291	Rast=180"x1"	Pitch=+508", Yaw=+85"

87/02/22		DOY=53							
Event # = 8349	87/02/22, 18:21	DOY=53	Peak	SMM Pointing:	S27E41	Pitch=+353", Yaw=+571", Roll=0deg	H.Ang=44deg		
GOES	18:19:45	18:21:57	18:22:18	End times	Qual=00	MaxkeV=41	Pitch=+347", Yaw=+629"		
HXRBS*	18:03				Qual=01	Rast=180"x1"	Step=0"		
UVSP					Peak...c/s=105	Tot Cts=1177			
					Wavelength=2788A	Exp #=48841			
87/03/02		DOY=61							
Event # = 8353	87/03/02, 12:24	DOY=61	Peak	SMM Pointing:	N37E09	Pitch=-115", Yaw=-672", Roll=-90deg	H.Ang=45deg		
HXRBS	12:24:33	12:24:43	12:25:08	End times	Qual=01	MaxkeV=571	Flags=NS		
UVSP	12:24				Qual=01	Rast=180"x1"	Step=0"		
					Peak...c/s=71	Tot Cts=259	Pitch=-115", Yaw=-615"		
					Wavelength=2788A	Exp #=49038			
87/03/02		DOY=61							
Event # = 8352	87/03/02, 16:22	DOY=61	Peak	SMM Pointing:	N37E07	Pitch=-88", Yaw=-673", Roll=-90deg	H.Ang=44deg		
GOES	16:21:59	16:22:01	16:22:13	End times	Qual=00	MaxkeV=68			
HXRBS	16:08				Qual=01	Rast=3"x3"	Step=0"		
UVSP					Peak...c/s=81	Tot Cts=181	Pitch=-96", Yaw=-659"		
					Wavelength=2788A	Exp #=49042			
87/03/04		DOY=63							
Event # = 8354	87/03/04, 13:54	DOY=63	Peak	SMM Pointing:	N43W15	Pitch=+186", Yaw=-741", Roll=-90deg	H.Ang=52deg		
HXRBS	13:53:15	13:54:13	13:55:06	End times	Qual=01	MaxkeV=571	Flags=NS		
UVSP	13:43				Qual=01	Rast=180"x1"	Step=0"		
					Peak...c/s=71	Tot Cts=785	Pitch=+187", Yaw=-683"		
					Wavelength=2788A	Exp #=49115			
87/03/06		DOY=65							
Event # = 8355	87/03/06, 12:15	DOY=65	Peak	SMM Pointing:	N27E66	Pitch=-788", Yaw=-486", Roll=-90deg	H.Ang=73deg		
GOES	12:10	12:15	12:20	End times	Qual=01	MaxkeV=571			
HXRBS	12:17:10	12:17:18	12:19:15	End times	Qual=01	Rast=265"x265"	Step=5"		
UVSP	12:09				Code=00	Tot Cts=4160	Pitch=-795", Yaw=-427"		
					Importance=A4	Exp #=49165			
					Peak...c/s=177				
					Wavelength=1375A				
87/03/11		DOY=70							
Event # = 8397	87/03/11, 23:44	DOY=70	Peak	SMM Pointing:	S07W00	Pitch=+0", Yaw=+0", Roll=0deg	H.Ang=0deg		
HXRBS	23:44:21	23:44:39	23:47:13	End times	Qual=01	MaxkeV=459	Flags=I, NS, GB		
UVSP	23:16				Qual=01	Rast=180"x1"	Step=0"		
					Peak...c/s=206	Tot Cts=4231	Pitch=-7", Yaw=+57"		
					Wavelength=2788A	Exp #=49304			
87/03/13		DOY=72							
Event # = 8398	87/03/13, 13:42	DOY=72	Peak	SMM Pointing:	S07W00	Pitch=-6", Yaw=+2", Roll=23deg	H.Ang=0deg		
HXRBS	13:33:58	13:42:30	13:43:13	End times	Qual=01	MaxkeV=96	Flags=I		
UVSP					Qual=01	Tot Cts=3966			
					Peak...c/s=58				

Event # = 8357		87/03/16		DOY=75			
87/03/16	12:40	DOY=75	S07W00	SMM Pointing:		Pitch=+0", Yaw=+0", Roll=0deg	
	Start	Peak		End times		H. Ang=0deg	
GOES	12:34	12:40	Qual=02	Importance=A1			
HXRBS	12:33:12	12:34:12	Qual=01	Peak...c/s=78		Flags=AX	
			Tot Cts=2041			MaxkeV=154	
Event # = 8360		87/03/30		DOY=89			
87/03/30	21:54	DOY=89	N09E15	SMM Pointing:		Pitch=-246", Yaw=-249", Roll=-90deg	
	Start	Peak		End times		H. Ang=21deg	
HXRBS	21:54:40	21:54:50	Qual=01	Peak...c/s=67		Flags=AX, NS	
UVSP	22:15	22:15	WaveLength=2788A	WaveLength=2788A		Step=0" Pitch=-244", Yaw=-192"	
			Tot Cts=266	Exp #=49907			
Event # = 8361		87/03/30		DOY=89			
87/03/30	22:01	DOY=89	N09E15	SMM Pointing:		Pitch=-246", Yaw=-249", Roll=-90deg	
	Start	Peak		End times		H. Ang=21deg	
HXRBS	22:01:20	22:01:26	Qual=01	Peak...c/s=80		Flags=AX, NS	
UVSP	22:15	22:15	WaveLength=2788A	WaveLength=2788A		Step=0" Pitch=-244", Yaw=-192"	
			Tot Cts=175	Exp #=49907			
Event # = 8362		87/04/02		DOY=92			
87/04/02	20:40	DOY=92	N08W29	SMM Pointing:		Pitch=+467", Yaw=-223", Roll=-90deg	
	Start	Peak		End times		H. Ang=33deg	
GOES	20:30	20:40	Qual=01	Importance=A4			
HXRBS	20:30:38	20:31:09	Qual=01	Peak...c/s=65		Flags=AX, NS	
UVSP	20:57	20:57	WaveLength=2788A	WaveLength=2788A		Step=0" Pitch=+468", Yaw=-165"	
			Tot Cts=293	Exp #=49976			
Event # = 8363		87/04/05		DOY=95			
87/04/05	19:38	DOY=95	S22E46	SMM Pointing:		Pitch=+290", Yaw=+646", Roll=0deg	
	Start	Peak		End times		H. Ang=47deg	
Optical						Carr. Lon.=133deg	
GOES	19:10	19:38	S29E94	Ha...Class=SN			
HXRBS	19:33:40	19:36:36	Qual=03	Importance=M1		H. Ang=90deg	
BCS	19:34	19:37	Qual=01	Peak...c/s=817		#Peaks=1 dt= 3.8s	
FCS			Qual=1	CaPeak.c/s=239		Step=0" Cad=.26s	
UVSP	19:38	19:38	Code=02	WaveLength=2788A		Pitch=+283", Yaw=+866"	
Radio Sweeps			III/I V/I	Type/Intensity:		XEN=709500	
Radio			245/60 410/45 606/75	Frequency(MHz)/Flux(stu):		Step=0" Cad=.26s	
Event # = 8365		87/04/06		DOY=96			
87/04/06	04:35	DOY=96	S30E89	SMM Pointing:		Pitch=+477", Yaw=+831", Roll=0deg	
	Start	Peak		End times		H. Ang=86deg	
Optical						H. Ang=84deg	
GOES	04:20	04:35	S28E86	Ha...Class=SN			
HXRBS	04:28:05	04:30:06	Qual=01	Importance=C9		Carr. Lon.=136deg	
BCS	04:29	04:33	Qual=01	Peak...c/s=294		#Peaks=1 dt= 3.8s	
FCS			Qual=1	CaPeak.c/s=567		Step=0" Cad=.26s	
UVSP	05:04	05:04	WaveLength=2788A	WaveLength=2788A		Pitch=+470", Yaw=+1056"	
Radio Sweeps			III/2	Type/Intensity:		XEN=709600	
Radio			245/38 410/27 606/31	Frequency(MHz)/Flux(stu):		Step=0" Cad=.26s	

Event # = 21289		87/04/06,11:13		DOY=96		Peak			
GOES	11:09	11:20	11:13	11:20	11:12	FePeak=11:12	Exp #=50066	Qual=06	Qual=1
BCS						CaPeak.c/s=43	Wavelength=2788A	FePeak.c/s=11	Rast=0"x0"
FCS								Rast=180"x1"	
UVSP	11:20							#Peaks=1	dt= 7.7s
								Step=0"	Cad=.26s
								Step=0"	Pitch=+470",Yaw=+1056"
Event # = 8364		87/04/06,18:41		DOY=96		Peak			
HXRBS	18:40:58	18:42:53	18:41:30	18:42:53	18:42:53	Peak...c/s=70	Qual=01	Tot Cts=606	Exp #=50083
UVSP	18:35					Wavelength=1375A			
Event # = 21290		87/04/06,23:03		DOY=96		Peak			
GOES	23:01	23:10	23:03	23:03	23:03	CaPeak.c/s=34	Qual=06	FePeak=23:02	Exp #=50104
BCS						Peak3..c/s=42			
FCS						Wavelength=1375A			
UVSP	23:03								
Event # = 21291		87/04/07,18:50		DOY=97		Peak			
Optical						SMM Pointing:	S30E58	AR4787	
GOES	18:34	19:07	18:50	18:50	18:50	Ha...Class=IN	S35E66		
BCS	18:44	18:50	18:48	18:48	18:48	Importance=C1	Qual=02		
FCS						CaPeak.c/s=43	Qual=3		
UVSP	18:36					Peak3..c/s=20			
						Wavelength=1375A	Code=01	Exp #=50175	
Event # = 8366		87/04/08,01:43		DOY=98		Peak			
GOES	01:43:04	01:47:57	01:43:46	01:47:57	01:47:57	SMM Pointing:	S30E54		
HXRBS	01:45					Peak...c/s=140	Qual=02	Tot Cts=11297	Exp #=50208
UVSP						Wavelength=1375A			
Event # = 12760		87/04/08,10:17		DOY=98		Peak			
HXRBS	10:17:16	10:17:17	10:17:16	10:17:17	10:17:28	SMM Pointing:	S30E49		
UVSP	09:55					Peak...c/s=73	Qual=01	Tot Cts=117	Exp #=50241
						Wavelength=2788A			
Event # = 21292		87/04/08,21:23		DOY=98		Peak			
Optical						SMM Pointing:	S27E08		
GOES	21:16	21:30	21:23	21:23	21:30	Ha...Class=SB	S23E10	AR4786	
BCS	21:16	21:31	21:22	21:22	21:31	Importance=C1	Qual=01		
FCS						CaPeak.c/s=49	Qual=1	FePeak=21:21	Exp #=50279
UVSP	21:18					Peak3..c/s=171			
Radio Sweeps						Wavelength=1375A	Code=00		
						Type/Intensity:	111/1		

87/04/11		DOY=101	
Event # = 8415			
87/04/11, 04:18	DOY=101		
Start	Peak		
Optical	SMM Pointing:		
GOES 04:10	04:18	04:30	
HXRBS 04:15:36	04:16:19	04:17:12	
UVSP 04:07			
Radio Sweeps	Type/Intensity:		
Radio Frequency(MHz)/Flux(sfu):	245/13	410/18	606/38
		1415/43	2695/30
		4995/40	8800/57
			15400/26
87/04/12		DOY=102	
Event # = 8374			
87/04/12, 19:33	DOY=102		
Start	Peak		
Optical	SMM Pointing:		
GOES 19:27	19:33	19:42	
HXRBS 19:35:46	19:35:50	19:36:16	
UVSP 19:33			
Radio Sweeps	Type/Intensity:		
Radio Frequency(MHz)/Flux(sfu):	245/13	410/18	606/38
		1415/43	2695/30
		4995/40	8800/57
			15400/26
87/04/14		DOY=104	
Event # = 8376			
87/04/14, 14:51	DOY=104		
Start	Peak		
Optical	SMM Pointing:		
GOES 23:25	23:55	00:12	
HXRBS 23:53:40	23:53:50	23:54:05	
UVSP 23:49			
Radio Sweeps	Type/Intensity:		
Radio Frequency(MHz)/Flux(sfu):	245/13	410/18	606/38
		1415/43	2695/30
		4995/40	8800/57
			15400/26
87/04/15		DOY=105	
Event # = 8377			
87/04/15, 02:34	DOY=105		
Start	Peak		
Optical	SMM Pointing:		
GOES 02:25	02:34	02:51	
HXRBS 02:31:16	02:31:43	02:32:51	
UVSP 02:32			
Radio Sweeps	Type/Intensity:		
Radio Frequency(MHz)/Flux(sfu):	245/13	410/18	606/38
		1415/43	2695/30
		4995/40	8800/57
			15400/26

Event # = 8454
 87/04/17, 23:50 DOY=107 Peak DOY=107
 Start Peak
 Optical
 Optical
 GOES 23:34 23:50 00:04
 HXRBS 23:40:57 23:47:41 23:49:35
 BCS 23:36 23:48 23:50
 FCS 23:47
 UVSP 23:42
 Radio Sweeps
 Type/Intensity: V/1
 SMM Pointing: S35W66
 Ha...Class=IN
 Ha...Class=SF
 Importance=C5
 Peak...c/s=56
 CaPeak.c/s=245
 Peak3...c/s=213
 Wavelength=1375A
 Code=00 Exp #=51148
 MaxkeV=68
 FePeak.c/s=44 dt= 7.7s XEN=710706
 Rast=0"x0" Cad=1.02s 1.024s/pixe
 Step=0" Pitch=+489", Yaw=-699"
 Rast=30"x30"
 Flags=I
 #Peaks=1
 Carr. Lon.=127deg
 Carr. Lon.=127deg
 H. Ang=68deg
 H. Ang=58deg
 H. Ang=63deg
 Pitch=+517", Yaw=-718", Roll=0deg
 Mac.=DAI
 Carr. Lon.=127deg
 Carr. Lon.=127deg
 H. Ang=68deg
 H. Ang=58deg
 H. Ang=63deg

87/04/18 DOY=108
 Event # = 8456
 87/04/18, 14:00 DOY=108 Peak DOY=108
 Start Peak
 Optical
 GOES 13:52 14:00 14:20
 HXRBS 13:55:04 13:55:56 13:59:18
 UVSP 13:57
 Radio Frequency(MHz)/Flux(sfu):
 SMM Pointing: S35W75
 Ha...Class=SB
 Importance=C3
 Peak...c/s=59
 Wavelength=2788A
 Code=00 Exp #=51194
 MaxkeV=68
 Rast=180"x1" Pitch=+521", Yaw=-541"
 Step=0" Carr. Lon.=128deg
 Carr. Lon.=128deg
 H. Ang=74deg
 H. Ang=70deg

Event # = 8458
 87/04/18, 14:54 DOY=108 Peak DOY=108
 Start Peak
 HXRBS 14:52:56 14:54:04 14:55:58
 UVSP 14:54
 Optical
 GOES 14:37 14:59 15:12
 HXRBS 14:43:46 14:44:01 14:44:14
 BCS 14:38 14:45 15:16
 FCS 14:59
 UVSP 14:55
 Radio Sweeps
 Type/Intensity: V/1
 SMM Pointing: S35W75
 Peak...c/s=68
 Wavelength=1375A
 Associated Event # = 8457
 S30W75 AR4790
 Ha...Class=SN
 Importance=C3
 Peak...c/s=57
 CaPeak.c/s=129
 Peak3...c/s=31
 Wavelength=1375A
 Code=00 Exp #=51198
 MaxkeV=68
 FePeak.c/s=20 dt= 7.7s XEN=710800
 Rast=0"x0" Cad=3840s 3840s/pixe
 Step=0" Pitch=+524", Yaw=-717"
 Carr. Lon.=133deg
 Carr. Lon.=133deg
 H. Ang=74deg
 H. Ang=74deg

Event # = 8459
 87/04/18, 15:22 DOY=108 Peak DOY=108
 Start Peak
 Optical
 GOES 15:21:52 15:22:48 15:23:19
 HXRBS 15:22
 UVSP 15:22
 Radio Frequency(MHz)/Flux(sfu):
 SMM Pointing: S35W75
 Ha...Class=SF
 Peak...c/s=60
 Wavelength=1375A
 Code=00 Exp #=51201
 MaxkeV=68
 FePeak.c/s=20 dt= 7.7s XEN=710800
 Rast=0"x0" Cad=3840s 3840s/pixe
 Step=0" Pitch=+525", Yaw=-717"
 Carr. Lon.=126deg
 Carr. Lon.=126deg
 H. Ang=74deg
 H. Ang=69deg

Event # = 8460
 87/04/18, 15:26 DOY=108 Peak DOY=108
 Start Peak
 GOES 15:25:57 15:26:17 15:26:36
 HXRBS 15:25:57 15:26:17 15:26:36
 UVSP 15:23
 SMM Pointing: S35W75
 Peak...c/s=57
 Wavelength=1375A
 Code=00 Exp #=51202
 MaxkeV=68
 FePeak.c/s=20 dt= 7.7s XEN=710800
 Rast=0"x0" Cad=3840s 3840s/pixe
 Step=0" Pitch=+480", Yaw=-793"
 Carr. Lon.=126deg
 Carr. Lon.=126deg
 H. Ang=74deg
 H. Ang=74deg

Event # = 8388	SMM Pointing:		Pitch=+547", Yaw=-812", Roll=0deg	
87/04/19, 22:14	DOY=109	End times		
Start	Peak	22:30		
GOES 21:55	22:14	22:30		
HXRBS 22:11:57	22:12:07	22:12:31		
UVSP 22:06				
	Importance=84	Qual=01		
	Peak...c/s=64	Qual=01		
	WaveLength=1375A	Code=00		
			Step=0" Pitch=+517", Yaw=-794"	
			MaxkeV=96	
			Rast=30"x30"	
			Tot Cts=232	
			Exp #=51323	

Event # = 8386	SMM Pointing:		87/04/20 DOY=110	
87/04/20, 01:22	DOY=110	End times	AR4787	
Start	Peak	01:50		
GOES 01:18	01:22	01:50		
HXRBS 01:16:06	01:16:30	01:17:28		
UVSP 01:14				
	Importance=87	Qual=01		
	Peak...c/s=59	Qual=01		
	WaveLength=1375A	Code=00		
			Step=0" Pitch=+517", Yaw=-794"	
			MaxkeV=96	
			Rast=30"x30"	
			Tot Cts=469	
			Exp #=51339	
			Event # = 8389	
			Associated	
			Qual=01	
			Tot Cts=79	
			MaxkeV=68	

Event # = 21309	SMM Pointing:		87/04/20 DOY=110	
87/04/20, 22:10	DOY=110	End times		
Start	Peak	22:32		
GOES 22:00	22:10	22:32		
BCS 22:08	22:09	22:13		
FCS 22:08				
UVSP 21:33				
	Importance=86	Qual=03		
	CaPeak.c/s=28	Qual=1		
	Peak3...c/s=25			
	WaveLength=2788A			
			FePeak=22:08	
			Exp #=51378	
			dt= 7.7s XEN=711000	
			Cad= 590s 1.024s/pixel	
			Pitch=+540", Yaw=-595"	

Event # = 8394	SMM Pointing:		87/04/21 DOY=111	
87/04/21, 18:49	DOY=111	End times	AR4790	
Start	Peak	19:00		
GOES 18:05	18:49	19:00		
HXRBS 18:08:56	18:09:03	18:09:18		
UVSP 19:33				
	Importance=89	Qual=01		
	Peak...c/s=425	Qual=01		
	WaveLength=2788A			
			Flags=NS	
			Step=0" Pitch=+540", Yaw=-595"	
			MaxkeV=575	
			Rast=180"x1"	
			Tot Cts=2638	
			Exp #=51405	

Event # = 8396	SMM Pointing:		87/04/24 DOY=114	
87/04/24, 07:38	DOY=114	End times		
Start	Peak	07:48		
Optical				
GOES 07:31	07:38	07:48		
HXRBS 07:35:51	07:36:19	07:37:13		
Radio	Frequency(MHz)/Flux(sfu):	606/86 1415/86 2695/50 4995/15 8800/30 15400/50		
			Carr. Lon.=34deg	
			Mac.=CR0	
			MaxkeV=155	
			15400/50	
			Pitch=+1", Yaw=-3", Roll=0deg	
			H. Ang=0deg	

Event # = 21310	SMM Pointing:		87/05/02 DOY=122	
87/05/02, 02:08	DOY=122	End times		
Start	Peak	02:19		
GOES 02:01	02:08	02:19		
BCS 02:12	02:13	02:34		
FCS 02:15				
UVSP 02:06				
	Importance=83	Qual=05		
	CaPeak.c/s=93	Qual=4		
	Peak3...c/s=41			
	WaveLength=2788A	Code=00		
			FePeak=02:15	
			Exp #=51674	
			dt= 3.8s XEN=712200	
			Cad=25.6s 1.024s/pixel	
			Pitch=-20", Yaw=-618"	
			Pitch=-14", Yaw=-830", Roll=0deg	
			H. Ang=60deg	

Event # = 8399		87/05/03 DOY=123	
87/05/03,14:21	DOY=123	S01W85	Pitch=+19",Yaw=-950",Roll=0deg
Start	Peak		H.Ang=85deg
GOES			
HXRBS*	14:20:46	14:21:00	14:21:12
UVSP	14:15	14:21:00	14:21:12
SMM Pointing:		Qual=00	MaxkeV=328
Peak...c/s=20		Qual=01	Rast=180"x1"
Wavelength=2788A		Tot Cts=57	Pitch=+13",Yaw=-735"
		Exp #=51721	
Event # = 8400		87/05/05 DOY=125	
87/05/05,16:48	DOY=125	S36E80	Pitch=+554",Yaw=+758",Roll=0deg
Start	Peak		H.Ang=80deg
Optical			
GOES	16:40	16:48	17:31
HXRBS	16:46:16	16:46:21	16:46:36
UVSP	16:30	16:46:21	16:46:36
SMM Pointing:		AR4806	Mac.=DS0
Ha...Class=SF		Qual=01	Carr.Lon.=121deg
Importance=87		Qual=01	H.Ang=72deg
Peak...c/s=71		Qual=01	MaxkeV=68
Wavelength=2788A		Tot Cts=141	Rast=180"x1"
		Exp #=51778	Pitch=+417",Yaw=+714"
Event # = 21311		87/05/14 DOY=134	
87/05/14,17:39	DOY=134	N29E74	Pitch=-466",Yaw=+802",Roll=0deg
Start	Peak		H.Ang=77deg
GOES			
BCS	17:29	17:39	17:48
FCS	17:37	17:37	17:41
UVSP	17:19	17:39	17:39
SMM Pointing:		FePeak=17.38	FePeak.c/s=9
Importance=86		Qual=1	dt= 7.7s
CaPeak.c/s=19		Qual=1	XEN=713400
Peak3...c/s=15		Code=01	Rast=240"x240"
Wavelength=2788A		Exp #=52152	Cad= 590s
			Step=10"
			Step=0"
			Pitch=-346",Yaw=+763"
Event # = 8410		87/05/15 DOY=135	
87/05/15,02:53	DOY=135	N29E74	Pitch=-713",Yaw=+593",Roll=-20deg
Start	Peak		H.Ang=77deg
GOES			
HXRBS	02:49	02:53	03:00
UVSP	02:45	02:52:45	02:52:57
SMM Pointing:		Qual=01	MaxkeV=68
Importance=B4		Qual=01	Rast=180"x1"
Peak...c/s=61		Code=00	Step=0"
Wavelength=2788A		Tot Cts=151	Pitch=-592",Yaw=+555"
Type/Intensity:		Exp #=52164	
III/2			
Event # = 8411		87/05/16 DOY=136	
87/05/15,08:27	DOY=135	N29E74	Pitch=-466",Yaw=+802",Roll=0deg
Start	Peak		H.Ang=77deg
GOES			
HXRBS	08:26	08:27	08:30
UVSP	08:26:58	08:27:02	08:28:26
SMM Pointing:		Qual=01	MaxkeV=576
Importance=B6		Qual=01	Rast=180"x1"
Peak...c/s=395		Code=02	Flags=NS,GB
Wavelength=2788A		Tot Cts=1640	Step=0"
606/130		Exp #=52172	Pitch=-346",Yaw=+763"
Radio Frequency(MHz)/Flux(sfu):			
Event # = 21312		87/05/16 DOY=136	
87/05/16,04:18	DOY=136	S27E77	Pitch=+117",Yaw=+919",Roll=-20deg
Start	Peak		H.Ang=77deg
Optical			
GOES	04:09	04:18	04:42
BCS	04:13	04:18	04:24
FCS	04:18	04:18	04:18
UVSP	04:16	04:18	04:18
SMM Pointing:		AR4810	Mac.=CS0
Ha...Class=SB		Qual=01	Carr.Lon.=354deg
Importance=C2		Qual=1	H.Ang=61deg
CaPeak.c/s=39		Qual=1	FePeak=04:17
Peak3...c/s=41		Code=00	Rast=240"x240"
Wavelength=1375A		Exp #=52199	Cad= 262s
Type/Intensity:			Step=15"
III/1			Pitch=+107",Yaw=+963"

87/05/17 DOY=137

Event # = 8413
 87/05/17 08:53 DOY=137 Peak N27E56 SMM Pointing: Pitch=-664", Yaw=+506", Roll=-20deg H.Ang=61deg
 Start End times
 Optical Ha...Class=SN S21W45 AR4808 Mac.=BX0 Carr.Lon.=83deg H.Ang=48deg
 GOES 08:30 09:51 Importance=C5 Qual=04
 HXRBS 08:41:05 08:43:46 08:59:23 Peak...c/s=136 Qual=02 Tot Cts=17310 MaxkeV=126 Flags=SA
 UVSP 09:11 Wavelength=2788A Exp #=52262 Rast=180"x1" Step=0" Pitch=+120", Yaw=-39"
 Radio Frequency (MHz)/Flux(sfu): 245/140 410/460 606/1600 1415/98 2695/78 4995/44 8800/30

87/05/18 DOY=138

Event # = 8414
 87/05/18 03:59 DOY=138 Peak N44E69 SMM Pointing: Pitch=-844", Yaw=+375", Roll=-20deg H.Ang=76deg
 Start End times
 GOES Qual=00
 HXRBS 03:59:43 03:59:58 04:00:13 Peak...c/s=61 Qual=01 Flags=AX
 UVSP 03:56 Wavelength=1375A Exp #=52313 Rast=265"x265" Step=5" Pitch=-852", Yaw=+423"

87/05/18 DOY=138

Event # = 8473
 87/05/18,16:41 DOY=138 Peak N30E42 SMM Pointing: Pitch=-497", Yaw=+550", Roll=0deg H.Ang=51deg
 Start End times
 Optical Ha...Class=SN N29E39 AR4811 Mac.=EKI Carr.Lon.=341deg H.Ang=49deg
 GOES 16:32 16:41 16:52 Importance=84 Qual=02
 HXRBS 16:37:32 16:38:47 16:39:39 Peak...c/s=61 Qual=01 Tot Cts=361 MaxkeV=68
 UVSP 16:37 Wavelength=2788A Code=00 Exp #=52325 Rast=180"x1" Step=0" Pitch=-377", Yaw=+507"
 Radio Sweeps Type/Intensity:
 Radio Frequency (MHz)/Flux(sfu): 245/310 410/100 606/26

87/05/19 DOY=139

Event # = 8416
 87/05/19 03:32 DOY=139 Peak N44E68 SMM Pointing: Pitch=-844", Yaw=+372", Roll=-20deg H.Ang=76deg
 Start End times
 GOES Qual=00
 HXRBS 03:32:20 03:32:58 03:33:19 Peak...c/s=90 Qual=01 Flags=AX
 UVSP 03:30 Wavelength=1375A Exp #=52367 Rast=265"x265" Step=5" Pitch=-852", Yaw=+423"

87/05/19 DOY=139

Event # = 8417
 87/05/19,12:59 DOY=139 Peak N29E26 SMM Pointing: Pitch=-487", Yaw=+370", Roll=0deg H.Ang=40deg
 Start End times
 Optical Ha...Class=SN N29E28 AR4811 Mac.=EKI Carr.Lon.=341deg H.Ang=41deg
 GOES 12:51 12:59 13:42 Importance=C3 Qual=03
 HXRBS 12:51:09 12:51:48 12:53:02 Peak...c/s=141 Qual=01 Tot Cts=2011 MaxkeV=68
 BCS 12:52 12:58 13:06 CaPeak.c/s=108 Qual=1 FePeak.c/s=18 dt= 3.8s XEN=713900
 FCS 13:00 Peak3..c/s=384 Qual=1 Wavelength=2788A Code=02 Exp #=52374 Rast=180"x1" Step=0" Cad=.26s 0.256s/pixel
 UVSP 13:02 Wavelength=2788A Code=02 Exp #=52374 Rast=180"x1" Step=0" Pitch=-366", Yaw=+324"

87/05/19,23:17 DOY=139

Event # = 8418
 87/05/19,23:17 DOY=139 Peak N29E21 SMM Pointing: Pitch=-557", Yaw=+108", Roll=-20deg H.Ang=37deg
 Start End times
 Optical Ha...Class=SN N31E24 AR4811 Mac.=EKI Carr.Lon.=340deg H.Ang=40deg
 GOES 23:08 23:17 23:50 Importance=88 Qual=01
 HXRBS 23:12:10 23:12:46 23:15:04 Peak...c/s=142 Qual=01 Tot Cts=4530 MaxkeV=97
 BCS 23:14 23:15 23:21 CaPeak.c/s=33 Qual=1 FePeak=23:15 dt= 7.7s XEN=713901
 FCS 23:17 23:17 Peak3..c/s=31 Qual=1 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel
 UVSP 23:10 Wavelength=1375A Code=00 Exp #=52394 Rast=30"x30" Step=0" Pitch=-587", Yaw=+135"
 Radio Frequency (MHz)/Flux(sfu): 606/58

Event # = 21313		87/05/20 DOY=140					
87/05/20,00:54	Start	DOY=140	Peak	SMM Pointing:	N29E20	Pitch=-554", Yaw=+97", Roll=-20deg	H. Ang=36deg
GOES 00:37	01:43	00:54	00:53	Importance=B7	Qual=01		
BGS 00:46	01:01	00:53	00:48	CaPeak.c/s=22	Qual=1	FePeak=00:50	#Peaks=1 dt= 7.7s XEN=714000
FCS				Peak3..c/s=34		Rast=240"x240"	Cad= 590s 1.024s/pixel
UVSP 00:43				Wavelength=1375A	Code=00	Exp #=52402	Step=0" Pitch=-583", Yaw=+74"
Event # = 8419		87/05/20,13:15					
87/05/20,13:15	Start	DOY=140	Peak	SMM Pointing:	N29E14	Pitch=-487", Yaw=+200", Roll=0deg	H. Ang=34deg
Optical				Ha...Class=1N	AR4811		
GOES 13:00	13:21	13:15	13:21	Importance=C1	Qual=04	Mac.=EKI	Carr. Lon.=341deg
HXRBS 13:18:11	13:22:00	13:20:59	13:22:00	Peak...c/s=67	Qual=01	MaxkeV=68	H. Ang=35deg
UVSP 13:11				Wavelength=2788A	Code=00	Rast=180"x1"	Step=0" Pitch=-367", Yaw=+404"
Event # = 8422		87/05/21					
87/05/21,03:29	Start	DOY=141	Peak	SMM Pointing:	S44E80	Pitch=+658", Yaw=+670", Roll=0deg	H. Ang=81deg
Optical				Ha...Class=1B	AR4811	Mac.=EKI	Carr. Lon.=345deg
GOES 03:12	03:50	03:29	03:50	Importance=C8	Qual=04	MaxkeV=97	H. Ang=25deg
HXRBS 03:42:05	03:47:35	03:43:26	03:47:35	Peak...c/s=103	Qual=01	MaxkeV=97	Pitch=-652", Yaw=+711"
UVSP 03:24				Wavelength=1375A	Code=00	Rast=265"x265"	Step=5" Pitch=-652", Yaw=+711"
Radio				Frequency(MHz)/Flux(sfu):	245/110 410/33 606/58 1415/240 2695/27 4995/160 8800/23		
Event # = 8421		87/05/21,08:50					
87/05/21,08:50	Start	DOY=141	Peak	SMM Pointing:	N27E03	Pitch=-454", Yaw=+41", Roll=0deg	H. Ang=29deg
GOES 08:37	09:01	08:50	09:01	Importance=B3	Qual=01	MaxkeV=155	
HXRBS 08:44:06	08:44:58	08:44:24	08:44:58	Peak...c/s=216	Qual=01	Rast=180"x1"	Step=0" Pitch=-338", Yaw=+250"
UVSP 09:00				Wavelength=2788A	Code=00	Exp #=52487	
Radio				Frequency(MHz)/Flux(sfu):	245/150 410/61 606/8 1415/8 2695/10 4995/25 8800/42		
Event # = 8423		87/05/21,22:16					
87/05/21,22:16	Start	DOY=141	Peak	SMM Pointing:	N28W04	Pitch=-433", Yaw=-212", Roll=-20deg	H. Ang=31deg
GOES 22:10	22:27	22:16	22:27	Importance=B3	Qual=01	MaxkeV=68	
HXRBS 22:13:30	22:14:31	22:13:57	22:14:31	Peak...c/s=82	Qual=01	Rast=265"x265"	Step=5" Pitch=-440", Yaw=-168"
UVSP 22:18				Wavelength=1375A	Code=02	Exp #=52503	
Radio				Frequency(MHz)/Flux(sfu):	245/610 410/140 2695/22 8800/39 15400/13		
Event # = 21314		87/05/22					
87/05/22,03:11	Start	DOY=142	Peak	SMM Pointing:	N28W06	Pitch=-479", Yaw=-87", Roll=0deg	H. Ang=31deg
Optical				Ha...Class=SF	AR4811	Mac.=EKI	Carr. Lon.=342deg
GOES 02:57	03:56	03:11	03:56	Importance=C1	Qual=01	MaxkeV=68	H. Ang=31deg
BGS 03:06	03:23	03:11	03:23	Peak...c/s=32	Qual=1	Rast=240"x240"	#Peaks=1 dt= 7.7s XEN=714200
FCS				Peak3..c/s=28		Exp #=52514	Cad= 590s 1.024s/pixel
UVSP 03:00				Wavelength=1375A	Code=00	Step=0" Pitch=-509", Yaw=-80"	

Event # = 8424	DOY=142	SMM Pointing:	N28W07	Pitch=-479", Yaw=-99", Roll=0deg	H. Ang=31deg
87/05/22, 04:47	Peak	Ha...Class=IN		Mac.=EKI	
Optical	End times	Importance=85	AR4811	Carr. Lon.=341deg	H. Ang=35deg
GOES 04:38	04:47 05:03	Peak...c/s=73	Tot Cts=129	MaxkeV=68	
HXRBS 04:47:03	04:47:14 04:47:29	Wavelength=1375A	Code=00	Rast=280"x280"	Pitch=-484", Yaw=-58"
UVSP 04:37				Step=10"	
Event # = 8475	DOY=142	SMM Pointing:	N28W10	Pitch=-479", Yaw=-151", Roll=0deg	H. Ang=32deg
87/05/22, 12:27	Peak	Importance=88		MaxkeV=97	
GOES 12:16	12:27 12:33	Peak...c/s=98	Tot Cts=290	Rast=180"x1"	Pitch=-358", Yaw=-58"
HXRBS 12:24:20	12:24:25 12:24:46	Wavelength=2788A	Code=00	Flags=I	
UVSP 12:17		V/2	Exp #=52539	Step=0"	
Radio Sweeps	Type/Intensity:	8800/36			
Radio Frequency (MHz)/Flux(sfu):					
Event # = 21315	DOY=142	SMM Pointing:	N28W14	Pitch=-377", Yaw=-357", Roll=-20deg	H. Ang=33deg
87/05/22, 18:43	Peak	Importance=89		FePeak.c/s=13	dt= 7.7s
GOES 18:24	18:43 19:12	CaPeak.c/s=28	Qual=4	Rast=240"x240"	XEN=714201
BCS 18:40	18:41 18:48	Peak3..c/s=30	FePeak=18:40	Cad= 262s	1.024s/pixel
FCS 18:46		Wavelength=2788A	Code=02	Pitch=-384", Yaw=-314"	
UVSP 18:46		V/2	Exp #=52547		
Radio Sweeps	Type/Intensity:	111/1			
Radio Frequency (MHz)/Flux(sfu):		245/890			
Event # = 21316	DOY=142	SMM Pointing:	N28W15	Pitch=-373", Yaw=-368", Roll=-20deg	H. Ang=33deg
87/05/22, 20:19	Peak	Importance=88		FePeak.c/s=16	dt= 7.7s
GOES 20:00	20:19 20:39	CaPeak.c/s=30	Qual=1	Rast=0"x0"	XEN=714202
BCS 20:17	20:18 20:22	Peak3..c/s=34	FePeak=20:17	Cad=1.02s	1.024s/pixel
FCS 20:21		Wavelength=2788A	Code=02	Pitch=-401", Yaw=-357"	
UVSP 20:19		V/2	Exp #=52549		
Radio Sweeps	Type/Intensity:				
Event # = 21317	DOY=143	SMM Pointing:	N28W18	Pitch=-361", Yaw=-401", Roll=-20deg	H. Ang=35deg
87/05/23, 02:04	Peak	Importance=85		FePeak.c/s=16	dt= 7.7s
GOES 01:32	02:04 02:40	CaPeak.c/s=21	Qual=02	Rast=240"x240"	XEN=714300
BCS 01:43	01:48 01:54	Peak3..c/s=52	Qual=3	Cad= 590s	1.024s/pixel
FCS 01:54		Wavelength=2788A	Code=01	Pitch=-259", Yaw=-223"	
UVSP 01:48		V/2	Exp #=52553		
Radio Sweeps	Type/Intensity:	111/1			
Event # = 8425	DOY=143	SMM Pointing:	N28W25	Pitch=-473", Yaw=-357", Roll=0deg	H. Ang=39deg
87/05/23, 15:48	Peak	Ha...Class=SN		Mac.=EHC	
Optical	End times	Importance=88	AR4811	Carr. Lon.=340deg	H. Ang=39deg
GOES 15:43	15:48 15:55	Peak...c/s=105	Tot Cts=775	MaxkeV=68	
HXRBS 15:46:22	15:46:45 15:47:01	CaPeak.c/s=39	FePeak=15:47	Rast=240"x240"	XEN=714301
BCS 15:47	15:48 15:50	Peak3..c/s=16	FePeak=15:47	Cad= 590s	1.024s/pixel
FCS 15:50		Wavelength=2788A	Code=02	Pitch=-374", Yaw=-177"	
UVSP 15:56			Exp #=52566		

87/05/23 DOY=143

Event # = 21318		87/05/23, 19:06		DOY=143		Peak		SMM Pointing:		N28W27		Pitch=-316", Yaw=-516", Roll=-20deg		H. Ang=40deg	
Optical	Start	End times	19:06	19:07	19:05	19:05	19:05	Ha...Class=SN	AR4811	Qual=03	Qual=1	Mac.=EHC	Carr. Lon.=341deg	H. Ang=40deg	
GOES	18:54	19:24	19:06	19:07	19:05	19:05	19:05	Importance=B7	FePeak=19:04	1	1	FePeak.c/s=9	#Peaks=1	XEN=714302	
BCS	19:04	19:07	19:05	19:07	19:05	19:05	19:05	CaPeak.c/s=20	Exp #=52576	1	1	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
FCS	19:04	19:07	19:05	19:07	19:05	19:05	19:05	Peak3..c/s=22				Step=0"	Pitch=-285"	Yaw=-575"	
UVSP	18:58							Wave length=1375A							
Event # = 8426		87/05/23, 23:36		DOY=143		Peak		SMM Pointing:		N28W29		Pitch=-304", Yaw=-546", Roll=-20deg		H. Ang=41deg	
GOES	23:24	23:55	23:36	23:55	23:42:51	23:42:51	23:42:51	Importance=B4	Tot Cts=1416	01	01	MaxkeV=155	Step=0"	Pitch=-254"	Yaw=-584"
HXRBS	23:40:48	23:42:51	23:41:39	23:42:51	23:42:51	23:42:51	23:42:51	Peak...c/s=81	Exp #=52598	00	00	Rast=30"x30"			
UVSP	23:26							Wave length=1375A							
Radio	Frequency (MHz)/Flux(sfu):				410/180										
Event # = 8427		87/05/24, 00:48		DOY=144		Peak		SMM Pointing:		N28W30		Pitch=-300", Yaw=-556", Roll=-20deg		H. Ang=42deg	
GOES	00:43	00:57	00:48	00:57	00:48:02	00:48:02	00:48:02	Importance=B3	Tot Cts=2117	01	01	MaxkeV=155	Step=0"	Pitch=-300"	Yaw=-582"
HXRBS	00:47:17	00:48:02	00:47:29	00:48:02	00:48:02	00:48:02	00:48:02	Peak...c/s=111	Exp #=52604	00	00	Rast=30"x30"			
UVSP	00:46							Wave length=1375A							
Radio	Frequency (MHz)/Flux(sfu):				245/54										
Event # = 21319		87/05/24, 01:10		DOY=144		Peak		SMM Pointing:		N28W30		Pitch=-300", Yaw=-556", Roll=-20deg		H. Ang=42deg	
Optical	Start	End times	01:10	01:13	01:09	01:09	01:09	Ha...Class=1F	AR4811	Qual=01	Qual=1	Mac.=EHI	Carr. Lon.=343deg	H. Ang=42deg	
GOES	00:58	01:20	01:10	01:13	01:09	01:09	01:09	Importance=C1	FePeak=01:10	01	01	FePeak.c/s=9	#Peaks=1	XEN=714400	
BCS	01:08	01:13	01:10	01:13	01:09	01:09	01:09	CaPeak.c/s=23	Exp #=52606	00	00	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
FCS	01:09	01:13	01:10	01:13	01:09	01:09	01:09	Peak3..c/s=23				Step=0"	Pitch=-230"	Yaw=-584"	
UVSP	01:01							Wave length=1375A							
Radio	Frequency (MHz)/Flux(sfu):				245/92										
Event # = 21320		87/05/24, 01:29		DOY=144		Peak		SMM Pointing:		N28W30		Pitch=-300", Yaw=-556", Roll=-20deg		H. Ang=42deg	
GOES	01:20	01:52	01:29	01:52	01:26	01:26	01:26	Importance=C1	FePeak=01:25	02	01	FePeak.c/s=16	#Peaks=1	XEN=714401	
BCS	01:25	01:27	01:26	01:27	01:26	01:26	01:26	CaPeak.c/s=24	Exp #=52608	01	01	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
FCS	01:25	01:27	01:26	01:27	01:26	01:26	01:26	Peak3..c/s=27				Step=0"	Pitch=-239"	Yaw=-585"	
UVSP	01:14							Wave length=1375A							
Event # = 21321		87/05/24, 07:11		DOY=144		Peak		SMM Pointing:		N28W33		Pitch=-471", Yaw=-456", Roll=0deg		H. Ang=44deg	
GOES	06:15	07:46	07:11	07:46	07:13	07:13	07:13	Importance=B8	FePeak=07:08	04	01	FePeak.c/s=7	#Peaks=1	XEN=714402	
BCS	07:08	07:13	07:08	07:13	07:09	07:09	07:09	CaPeak.c/s=18	Exp #=52620	00	00	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
FCS	07:08	07:13	07:08	07:13	07:09	07:09	07:09	Peak3..c/s=13				Step=0"	Pitch=-372"	Yaw=-282"	
UVSP	07:39							Wave length=2788A							

HXRBS 21:07:44 21:08:06 21:08:17 Peak...c/s=71 Associated Event # = 8435
 UVSP 20:57 WaveLength=1375A Qual=01 Tot Cts=774 MaxkeV=155
 HXRBS 21:16:32 21:17:23 21:17:53 Peak...c/s=132 Associated Event # = 8437
 UVSP 20:57 WaveLength=1375A Qual=01 Tot Cts=3048 Rast=30"x30" Step=0" Pitch=-205", Yaw=-698"

87/05/25 DOY=145
 Event # = 21327
 87/05/25,03:19 DOY=145 SMM Pointing: N26W46 Pitch=-431", Yaw=-617", Roll=0deg H. Ang=52deg
 Optical Start Peak
 GOES 03:13 03:19 03:29 Ha...Class=SF N32W39 AR4811 Carr. Lon.=334deg H. Ang=50deg
 BCS 03:17 03:18 03:26 Importance=C2 Qual=04 FePeak=03:18 dt= 3.8s XEN=714500
 FCS 03:18 03:18 CaPeak.c/s=42 Qual= 1 FePeak=03:18 Step=15" Cad= 262s 1.024s/pixel
 UVSP 04:05 Peak3..c/s=24 Wavelength=2788A Exp #=52659 Rast=180"x1" Pitch=-332", Yaw=-446"

Event # = 8438
 87/05/25,03:42 DOY=145 SMM Pointing: N26W47 Pitch=-431", Yaw=-627", Roll=0deg H. Ang=53deg
 Optical Start Peak
 GOES 03:40 03:42 04:09 Ha...Class=2B N30W49 AR4811 Carr. Lon.=344deg H. Ang=56deg
 HXRBS 03:40:15 03:41:10 03:43:55 Importance=M1 Qual=01 Tot Cts=24097
 BCS 03:41 03:43 03:56 CaPeak.c/s=721 Qual= 1 FePeak=03:42 dt= 7.7s XEN=714501
 FCS 03:47 03:47 Peak3..c/s=74 Wavelength=2788A Exp #=52659 Cad= 590s 1.024s/pixel
 UVSP 04:05 WaveLength=2788A Associated Event # = 21328 Pitch=-180"x1" Step=0" Yaw=-446"
 BCS 03:56 03:56 04:01 CaPeak.c/s=35 Qual= 5 FePeak=03:57 dt= 7.7s XEN=714502
 FCS 03:56 03:56 Peak3..c/s=24 Wavelength=2788A Exp #=52659 Rast=240"x240" Cad= 590s 1.024s/pixel

Event # = 8439
 87/05/25,05:10 DOY=145 SMM Pointing: N26W47 Pitch=-431", Yaw=-627", Roll=0deg H. Ang=53deg
 GOES 05:04 05:10 05:32 Importance=C2 Qual=01
 HXRBS 04:55:15 04:56:00 04:59:25 Peak...c/s=239 Qual=01 Tot Cts=8597
 BCS 05:00 05:07 05:18 CaPeak.c/s=75 Qual= 1 FePeak=05:06 dt= 3.8s XEN=714503
 FCS 05:07 05:07 Peak3..c/s=212 Wavelength=2788A Exp #=52660 Cad=1.02s 1.024s/pixel
 UVSP 05:38 Frequency(MHz)/Flux(sfu): 245/110 410/250 606/42 15400/42 Rast=180"x1" Step=0" Pitch=-331", Yaw=-455"

Event # = 21329
 87/05/25,09:59 DOY=145 SMM Pointing: N26W51 Pitch=-427", Yaw=-661", Roll=0deg H. Ang=56deg
 GOES 09:51 09:59 10:21 Importance=B9 Qual=01
 BCS 09:58 09:58 10:02 CaPeak.c/s=20 Qual= 1 FePeak=09:58 dt= 7.7s XEN=714504
 FCS 09:59 09:59 Peak3..c/s=14 Wavelength=2788A Exp #=52663 Cad= 590s 1.024s/pixel
 UVSP 10:20 Type/Intensity: V/1 Rast=180"x1" Pitch=-331", Yaw=-479"

Event # = 8650
 87/05/25,13:26 DOY=145 SMM Pointing: N26W52 Pitch=-429", Yaw=-671", Roll=0deg H. Ang=57deg
 Optical Start Peak
 GOES 13:02 13:26 13:40 Ha...Class=SF N27W51 AR4811 Carr. Lon.=341deg H. Ang=57deg
 HXRBS 13:19:46 13:21:15 13:22:40 Importance=B8 Qual=03 Tot Cts=1800
 UVSP 13:30 Peak...c/s=73 Qual=01 Code=02 Exp #=52667
 Radio Sweeps Wavelength=2788A
 Radio Frequency(MHz)/Flux(sfu): 410/210 606/55 Rast=180"x1" Pitch=-330", Yaw=-494"

87/05/27 DOY=147

Event # = 21339
 87/05/27, 00:11 Start DOY=147 Peak
 SMM Pointing: N26W69 H.Ang=72deg
 Optical
 Ha...Class=SF Carr. Lon.=341deg
 Importance=C3 #Peaks=1 dt= 7.7s XEN=714611
 CaPeak.c/s=87 Step=5" Cad=25.6s 1.024s/pixel
 Peak3..c/s=116 Step=0" Pitch=-334", Yaw=-621"
 Wavelength=2788A
 III/2 V/I
 UVSP 00:39 Type/Intensity: AR4811 Exp #=52746
 Radio Sweeps

Event # = 21340
 87/05/27, 00:49 Start DOY=147 Peak
 SMM Pointing: N27W72 H.Ang=74deg
 GOES 00:46 End times
 BCS 00:44 00:57
 FCS 00:49 00:59
 UVSP 00:39 Type/Intensity: AR4811 Exp #=52746
 Radio Sweeps
 Ha...Class=SF Carr. Lon.=341deg
 Importance=C2 #Peaks=2 dt= 7.7s XEN=714700
 CaPeak.c/s=37 Step=5" Cad=25.6s 1.024s/pixel
 Peak3..c/s=27 Step=0" Pitch=-334", Yaw=-621"
 Wavelength=2788A
 III/1 V/I

Event # = 8449
 87/05/27, 01:14 Start DOY=147 Peak
 SMM Pointing: N27W72 H.Ang=74deg
 GOES 01:09 End times
 HXRBS 01:10:02 01:23
 BCS 01:10 01:10:10 01:26
 FCS 01:10 01:13 01:20
 UVSP 01:37 Type/Intensity: AR4811 Exp #=52747
 Radio Sweeps
 Ha...Class=SF Carr. Lon.=341deg
 Importance=C2 #Peaks=1 dt= 3.8s XEN=714701
 CaPeak.c/s=46 Step=0" Cad=.26s 0.256s/pixel
 Peak3..c/s=314 Step=0" Pitch=-334", Yaw=-623"
 Wavelength=2788A

Event # = 8450
 87/05/27, 01:31 Start DOY=147 Peak
 SMM Pointing: N27W72 H.Ang=74deg
 Optical
 Ha...Class=SF Carr. Lon.=341deg
 Importance=C3 #Peaks=1 dt= 7.7s XEN=714702
 CaPeak.c/s=71 Step=0" Cad=26.9s 26.88s/pixel
 Peak3..c/s=539 Step=0" Pitch=-334", Yaw=-623"
 Wavelength=2788A
 UVSP 01:37 Type/Intensity: AR4811 Exp #=52747
 Radio Sweeps
 Ha...Class=SF Carr. Lon.=341deg
 Importance=C2 #Peaks=1 dt= 7.7s XEN=714703
 CaPeak.c/s=54 Step=15" Cad= 262s 1.024s/pixel
 Peak3..c/s=27 Step=10" Pitch=-138", Yaw=-915"

Event # = 8451
 87/05/27, 01:40 Start DOY=147 Peak
 SMM Pointing: N27W72 H.Ang=74deg
 Optical
 Ha...Class=SF Carr. Lon.=341deg
 Importance=C2 #Peaks=1 dt= 7.7s XEN=714703
 CaPeak.c/s=70 Step=0" Cad=26.9s 26.88s/pixel
 Peak3..c/s=539 Step=0" Pitch=-334", Yaw=-623"
 Wavelength=2788A
 UVSP 01:37 Type/Intensity: AR4811 Exp #=52747
 Radio Sweeps
 Ha...Class=SN Carr. Lon.=341deg H.Ang=82deg
 Importance=C2 #Peaks=1 dt= 3.8s XEN=714703
 CaPeak.c/s=54 Step=15" Cad= 262s 1.024s/pixel
 Peak3..c/s=27 Step=10" Pitch=-138", Yaw=-915"

Event # = 21341
 87/05/27, 17:59 Start DOY=147 Peak
 SMM Pointing: N30W80 H.Ang=82deg
 Optical
 Ha...Class=SN Carr. Lon.=341deg H.Ang=82deg
 Importance=C2 #Peaks=1 dt= 3.8s XEN=714703
 CaPeak.c/s=54 Step=15" Cad= 262s 1.024s/pixel
 Peak3..c/s=27 Step=10" Pitch=-138", Yaw=-915"

87/05/28 DOY=148

Event # = 8452
 87/05/28,00:48 DOY=148
 SMM Pointing: N27W86 Pitch=-428",Yaw=-845",Roll=0deg H.Ang=87deg
 GOES 00:43 00:48 00:57 Peak
 HXRBS 00:45:36 00:45:49 00:45:58 End times
 BCS 00:46 00:48 00:50
 FCS 00:48 00:48
 UVSP 00:20
 Radio Sweeps
 Radio Frequency(MHz)/Flux(stu): 245/42
 SMM Pointing: Importance=C1 Qual=01
 Peak...c/s=81 Qual=01
 CaPeak.c/s=30 Qual=1
 Peak3..c/s=28
 Wave length=1375A Code=00
 V/3
 Type/Intensity: V/2
 FePeak.c/s=9 #Peaks=1 dt= 7.7s XEN=714800
 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel
 Rast=280"x280" Step=10" Pitch=-453",Yaw=-820" Exp #=52765

87/05/28 DOY=148

Event # = 8453
 87/05/28,08:53 DOY=148
 SMM Pointing: AR4811
 HXRBS 08:53:31 08:53:48 08:54:03 Peak...c/s=180 Qual=01 Tot Cts=1156
 UVSP 09:02 Wave length=2788A Exp #=52770
 Flags=NS,GB Step=0" Pitch=-328",Yaw=-646"
 FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=714801
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
 Rast=180"x1" Step=0" Pitch=-328",Yaw=-646" Exp #=52772

87/05/28 DOY=148

Event # = 8455
 87/05/28,22:22 DOY=148
 SMM Pointing: Pitch=-112",Yaw=-971",Roll=-20deg
 GOES 22:18 22:22 22:27 Peak
 HXRBS 22:19:40 22:20:05 22:20:33 End times
 UVSP 22:12 Wave length=2788A Code=00 Exp #=52786
 Importance=B4 Qual=01
 Peak...c/s=66 Qual=01
 Wave length=2788A Code=00
 V/2
 FePeak.c/s=11 #Peaks=1 dt= 7.7s XEN=714900
 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel
 Rast=180"x1" Step=0" Pitch=-327",Yaw=-676" Exp #=52791

87/05/29 DOY=149

Event # = 8477
 87/05/29,16:04 DOY=149
 SMM Pointing: Pitch=-103",Yaw=-973",Roll=-20deg
 GOES 16:03:19 16:04:22 16:04:53 Peak...c/s=85 Qual=00
 HXRBS 16:26 16:26 16:26
 UVSP 16:26 Wave length=2788A Exp #=52803
 Flags=I Step=0" Pitch=-13",Yaw=-771"
 FePeak.c/s=11 #Peaks=1 dt= 7.7s XEN=714900
 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel
 Rast=180"x1" Step=0" Pitch=-327",Yaw=-676" Exp #=52791

Event # = 8478		SMM Pointing:		Pitch=-103", Yaw=-973", Roll=-20deg	
87/05/29, 16:23	DOY=149	Start	End times		
GOES 16:12	16:23	Peak	16:33		
HXRBS 16:14:18	16:18:35	Peak...c/s=85	16:25:13	Qual=03	
BGS 16:21	16:22	CaPeak.c/s=79	16:27	Qual=01	
UVSP 16:26	16:26	Peak3..c/s=41		Qual=1	
		Wavelength=2788A		Code=02	
				Exp #=52803	
				Tot Cts=9862	
				FePeak=16:22	
				Rast=30"x30"	
				Rast=180"x1"	
				MaxkeV=69	
				Flags=1	
				#Peaks=1	
				dt= 3.8s	
				Cad=76.0s	
				XEN=714901	
				Pitch=-13", Yaw=-771"	
Event # = 21345					
87/05/29, 22:34		SMM Pointing:		Pitch=-103", Yaw=-973", Roll=-20deg	
87/05/29, 22:34	DOY=149	Start	End times		
GOES 21:52	22:34	Peak	22:47		
BGS 22:32	22:32	CaPeak.c/s=29		Qual=00	
FCS		Peak3..c/s=84		Qual=1	
UVSP 22:43		Wavelength=2788A			
				Exp #=52811	
				Tot Cts=22:33	
				FePeak=22:33	
				Rast=0"x0"	
				Rast=180"x1"	
				MaxkeV=69	
				Flags=2	
				#Peaks=2	
				dt= 7.7s	
				Cad=1.02s	
				XEN=714902	
				Pitch=-13", Yaw=-771"	
Event # = 21344					
87/05/29, 23:27		SMM Pointing:		Pitch=-427", Yaw=-875", Roll=0deg	
87/05/29, 23:27	DOY=149	Start	End times		
GOES 23:25	23:27	Peak	00:03		
BGS 23:25	23:25	CaPeak.c/s=31		Qual=00	
FCS		Peak3..c/s=27		Qual=3	
UVSP 23:19		Wavelength=2788A			
Radio Sweeps		Type/Intensity: III/I			
Radio Frequency		(MHz)/Flux(sfu): 245/46			
				Exp #=52812	
				Tot Cts=23:26	
				FePeak=23:26	
				Rast=240"x240"	
				Rast=180"x1"	
				MaxkeV=69	
				Flags=1	
				#Peaks=1	
				dt= 7.7s	
				Cad=590s	
				XEN=714903	
				Pitch=-327", Yaw=-676"	
Event # = 21346					
87/05/30, 01:00		SMM Pointing:		Pitch=-427", Yaw=-875", Roll=0deg	
87/05/30, 01:00	DOY=150	Start	End times		
GOES 01:00	01:00	Peak	01:27		
BGS 01:00	01:02	CaPeak.c/s=19		Qual=00	
FCS 00:54		Peak3..c/s=20		Qual=5	
UVSP 00:54		Wavelength=2788A			
				Exp #=52814	
				Tot Cts=01:00	
				FePeak=01:00	
				Rast=25"x25"	
				Rast=180"x1"	
				MaxkeV=69	
				Flags=5	
				#Peaks=1	
				dt= 7.7s	
				Cad=25.6s	
				XEN=715000	
				Pitch=-327", Yaw=-676"	
Event # = 8462					
87/06/01, 16:45		SMM Pointing:		Pitch=-55", Yaw=-813", Roll=-20deg	
87/06/01, 16:45	DOY=152	Start	End times		
GOES 16:45:43	16:45:53	Peak	16:45:59		
HXRBS 16:40		CaPeak.c/s=57		Qual=00	
UVSP 16:40		Peak3..c/s=57		Qual=01	
		Wavelength=2788A			
				Exp #=52887	
				Tot Cts=74	
				FePeak=16:45:53	
				Rast=180"x1"	
				MaxkeV=69	
				Flags=0"	
				#Peaks=0"	
				dt=0"	
				Cad=0"	
				XEN=0"	
				Pitch=+46", Yaw=-617"	
Event # = 8463					
87/06/02, 01:16		SMM Pointing:		Pitch=-329", Yaw=-783", Roll=0deg	
87/06/02, 01:16	DOY=153	Start	End times		
HXRBS 01:15:59	01:16:07	Peak	01:16:27		
UVSP 01:08		CaPeak.c/s=179		Qual=01	
		Peak3..c/s=179			
		Wavelength=2788A			
				Exp #=52896	
				Tot Cts=789	
				FePeak=01:16:07	
				Rast=180"x1"	
				MaxkeV=350	
				Flags=NS,GB	
				#Peaks=0"	
				dt=0"	
				Cad=0"	
				XEN=0"	
				Pitch=-229", Yaw=-586"	

Event # = 12761	87/06/09	DOY=160									
87/06/09, 23:47	N29E87	DOY=160	SMM Pointing:	End times						Pitch=-458", Yaw=+827", Roll=0deg	H. Ang=87deg
Start		Peak								MaxkeV=578	Flags=NS,GB
HXRBS 23:46:17	Qual=01	23:47:15	Peak...c/s=90	23:47:26	Tot Cts=520					Rast=180" x1"	Step=0"
UVSP 23:11	WaveLength=2788A		WaveLength=2788A		Exp #=53092					Pitch=-359", Yaw=+771"	
Event # = 8466	87/06/10	DOY=161									
87/06/10, 01:35	N29E86	DOY=161	SMM Pointing:	End times						Pitch=+827", Yaw=+457", Roll=90deg	H. Ang=86deg
Start		Peak								MaxkeV=578	Flags=AX
GOES 01:35:14	Qual=00	01:35:21	Peak...c/s=99	01:35:36	Tot Cts=312					Rast=265" x265"	Step=5"
HXRBS 00:54	WaveLength=1375A		WaveLength=1375A		Exp #=53093					Pitch=+799", Yaw=+485"	
Event # = 8467	87/06/11	DOY=162									
87/06/11, 01:06	AR4811	DOY=162	SMM Pointing:	End times							
Start		Peak								MaxkeV=578	Flags=AX
GOES 01:06:17	Qual=00	01:06:18	Peak...c/s=128	01:06:52	Tot Cts=686					Rast=180" x1"	Step=0"
HXRBS 01:15	WaveLength=2788A		WaveLength=2788A		Exp #=53123					Pitch=-359", Yaw=+771"	
Event # = 8468	87/06/14	DOY=165									
87/06/14, 19:35	N32E50	DOY=165	SMM Pointing:	End times						Pitch=-493", Yaw=+612", Roll=0deg	H. Ang=56deg
Start		Peak								MaxkeV=578	Flags=AX
GOES 19:32:38	Qual=00	19:35:26	Peak...c/s=87	19:43:48	Tot Cts=6959					Rast=30" x30"	Step=0"
HXRBS 19:31	WaveLength=1375A		WaveLength=1375A		Exp #=53249					Pitch=-493", Yaw=+663"	
Event # = 8469	87/06/15	DOY=166									
87/06/15, 12:51	N32E41	DOY=166	SMM Pointing:	End times						Pitch=-642", Yaw=+328", Roll=-20deg	H. Ang=50deg
Start		Peak								MaxkeV=126	Flags=AX
GOES 12:50:07	Qual=00	12:51:53	Peak...c/s=94	12:55:04	Tot Cts=16591					Rast=180" x1"	Step=0"
HXRBS 12:40	WaveLength=2788A		WaveLength=2788A		Exp #=53290					Pitch=-541", Yaw=+269"	
Event # = 8470	87/06/15	DOY=166									
87/06/15, 19:04	N32E40	DOY=166	SMM Pointing:	End times						Pitch=-490", Yaw=+516", Roll=0deg	H. Ang=49deg
Start		Peak								MaxkeV=578	Flags=AX
GOES 19:04:08	Qual=00	19:04:24	Peak...c/s=131	19:15:32	Tot Cts=41988					Rast=30" x30"	Step=0"
HXRBS 19:03	WaveLength=1375A		WaveLength=1375A		Exp #=53307					Pitch=-500", Yaw=+560"	
Event # = 8471	87/06/17	DOY=168									
87/06/17, 08:42	N30E16	DOY=168	SMM Pointing:	End times						Pitch=-506", Yaw=+53", Roll=-20deg	H. Ang=33deg
Start		Peak								MaxkeV=578	Flags=NS,GB
HXRBS 08:42:06	Qual=01	08:42:22	Peak...c/s=341	08:42:51	Tot Cts=2730					Rast=180" x1"	Step=0"
UVSP 08:38	WaveLength=2788A		WaveLength=2788A		Exp #=53355					Pitch=-404", Yaw=-9"	

Event # = 8472		87/06/24		DOY=175	
87/06/24, 00:16	DOY=175	SMM Pointing:	N17W00	Pitch=-245", Yaw=-1", Roll=0deg	H. Ang=15deg
Start	Peak	End times	Qual=00		
GOES 00:15:07	00:16:11	00:17:29	Qual=01	MaxkeV=216	
HXRBS 00:56			Tot Cts=3053	Rast=15" x15"	Pitch=3" Yaw=+12"
UVSP			Exp #=53549		
Event # = 8481		87/07/03		DOY=184	
87/07/03, 22:51	DOY=184	SMM Pointing:	N03W00	Pitch=+0", Yaw=+0", Roll=-20deg	H. Ang=0deg
Start	Peak	End times	Qual=00		
GOES 22:51:47	22:51:50	22:51:55	Qual=01	MaxkeV=69	Flags=M1, AX
HXRBS 23:06			Tot Cts=689	Rast=180" x1"	Step=0" Pitch=+7", Yaw=+16"
UVSP			Exp #=53835		
Event # = 8482		87/07/05		DOY=186	
87/07/05, 22:59	DOY=186	SMM Pointing:	N03W00	Pitch=+2", Yaw=+1", Roll=-20deg	H. Ang=0deg
Start	Peak	End times	Qual=00		
GOES 22:58:15	22:59:58	23:06:51	Qual=01	MaxkeV=126	
HXRBS 22:48			Tot Cts=5501	Rast=180" x1"	Step=0" Pitch=+7", Yaw=+16"
UVSP			Exp #=53887		
Event # = 8484		87/07/16		DOY=197	
87/07/16, 01:19	DOY=197	SMM Pointing:	N36E21	Pitch=-565", Yaw=+85", Roll=-20deg	H. Ang=37deg
Start	Peak	End times	S32E90		
Optical			Qual=03	Carr. Lon.=238deg	H. Ang=92deg
GOES 01:03	01:19	01:27	Qual=01	MaxkeV=126	
HXRBS 01:11:16	01:11:48	01:13:25	Tot Cts=3380	Rast=180" x1"	Step=0" Pitch=-426", Yaw=+3"
UVSP 01:38			Exp #=54139		
Radio Sweeps	Type/Intensity:				
Radio Frequency(MHz)/Flux(sfu):	111/1 V/1				
	245/29				
Event # = 21347		87/07/22		DOY=203	
87/07/22, 15:34	DOY=203	SMM Pointing:	S30W08	Pitch=+552", Yaw=+74", Roll=-20deg	H. Ang=36deg
Start	Peak	End times	S29W13		
Optical			Qual=01	Mac.=CR0	H. Ang=36deg
GOES 15:21	15:34	15:56	Qual=1	FePeak.c/s=11	dt= 7.7s XEN=720300
BCS 15:24	15:32	15:47	FePeak=15:33	Rast=0" x0"	Cad=.26s 0.256s/pixe1
FCS			Exp #=54331	Rast=180" x1"	Step=0" Pitch=+431", Yaw=+4"
UVSP 15:17					
Event # = 8496		87/07/22		DOY=203	
87/07/22, 15:59	DOY=203	SMM Pointing:	S30W08	Pitch=+552", Yaw=+74", Roll=-20deg	H. Ang=36deg
Start	Peak	End times	Qual=01		
GOES 15:57	15:59	16:00	Qual=01	MaxkeV=127	
HXRBS 15:57:28	15:58:08	15:58:54	Tot Cts=725	Rast=180" x1"	Step=0" Pitch=+433", Yaw=+0"
UVSP 15:53			Exp #=54333		
Radio Frequency(MHz)/Flux(sfu):	1415/57 2695/52				

Event # = 21348	87/07/22, 16:51	DOY=203	Peak	S30W08	SMM Pointing:	Pitch=+552", Yaw=+74", Roll=-20deg	H. Ang=36deg
Optical	Start	End times	AR4826	Ha...Class=SN	Mac.=CR0	Carr. Lon.=253deg	H. Ang=36deg
GOES	16:36	17:11	AR4827	Ha...Class=SF		Carr. Lon.=183deg	H. Ang=62deg
BGS	16:57	17:09	FePeak=16:57	Importance=C3	FePeak.c/s=8	#Peaks=1	XEN=720301
FCS			Qual=4	CaPeak.c/s=35	Rast=0"x0"	Step=0"	Cad=.26s
UVSP	16:52		Code=02	Wavelength=2788A	Rast=180"x1"	Pitch=+435"	0.256s/pixel
			Exp #=54335				Yaw=-7"
Event # = 8497	87/07/22, 17:50	DOY=203	Peak	S30W09	SMM Pointing:	Pitch=+556", Yaw=+63", Roll=-20deg	H. Ang=36deg
Optical	Start	End times	Qual=01	Importance=B9	MaxkeV=69		
GOES	17:48	17:53	Qual=01	Peak...c/s=52	Rast=180"x1"	Step=0"	
HXRBS	17:49:09	17:49:30	Code=00	Wavelength=2788A			
UVSP	17:44		Exp #=54338				
Event # = 21349	87/07/22, 20:03	DOY=203	Peak	S28W15	SMM Pointing:	Pitch=+560", Yaw=-32", Roll=-20deg	H. Ang=36deg
Optical	Start	End times	AR4826	Ha...Class=SF	Mac.=CR0	Carr. Lon.=254deg	H. Ang=36deg
GOES	19:53	20:35	FePeak=20:06	Importance=C1	FePeak.c/s=6	#Peaks=1	XEN=720302
BGS	20:05	20:08	Qual=1	CaPeak.c/s=20	Rast=0"x0"	Step=0"	Cad=.26s
FCS			Code=02	Wavelength=2788A	Rast=243"x243"	Step=3"	0.256s/pixel
UVSP	20:09		Exp #=54342				Yaw=-31"
Event # = 21350	87/07/23, 03:16	DOY=204	Peak	S28W20	SMM Pointing:	Pitch=+514", Yaw=-280", Roll=0deg	H. Ang=38deg
Optical	Start	End times	Qual=1	Importance=C2	FePeak.c/s=13	#Peaks=1	XEN=720400
GOES	03:09	03:21	FePeak=03:14	CaPeak.c/s=63	Rast=0"x0"	Step=0"	Cad=.26s
BGS	03:13	03:19	Code=00	Wavelength=2788A	Rast=180"x1"	Step=0"	0.256s/pixel
FCS			Exp #=54358				Yaw=-356"
UVSP	03:09						
Event # = 8498	87/07/23, 09:25	DOY=204	Peak	S28W23	SMM Pointing:	Pitch=+513", Yaw=-325", Roll=0deg	H. Ang=40deg
Optical	Start	End times	AR4826	Ha...Class=SF	Mac.=CS0	Carr. Lon.=253deg	H. Ang=42deg
GOES	09:17	09:34	FePeak=09:23	Importance=C3	MaxkeV=97	#Peaks=1	XEN=720401
HXRBS	09:20:52	09:22:02	Qual=1	Peak...c/s=66	FePeak.c/s=28	Step=0"	Cad=.26s
BGS	09:21	09:36	Code=00	CaPeak.c/s=154	Rast=0"x0"	Step=0"	0.256s/pixel
FCS			Exp #=54373	Wavelength=2788A	Rast=180"x1"		Yaw=-400"
UVSP	09:09						
Event # = 21351	87/07/23, 12:33	DOY=204	Peak	S28W25	SMM Pointing:	Pitch=+600", Yaw=-150", Roll=-20deg	H. Ang=41deg
Optical	Start	End times	FePeak=12:30	Importance=C1	FePeak.c/s=9	#Peaks=1	XEN=720402
GOES	12:28	12:39	Qual=1	CaPeak.c/s=39	Rast=0"x0"	Step=0"	Cad=.26s
BGS	12:30	12:39	Code=00	Wavelength=2788A	Rast=180"x1"	Step=0"	0.256s/pixel
FCS			Exp #=54381				Yaw=-225"
UVSP	12:17						

Event # = 8499															
87/07/23, 13:53	DOY=204	Start	End times	SMM Pointing:	S28W25		Pitch=+603",	Yaw=-161",	Roll=-20deg	H. Ang=41deg					
Optical	Peak			Ha...Class=SF	AR4826	Mac. = CSO									
GOES	13:53	14:00		Importance=C1											
HXRBS	13:46:00	13:47:11		Peak...c/s=315											
BCS	13:50	13:55		CaPeak.c/s=32	Tot Cts=4310										
FCS					FePeak=13:50										
UVSP	13:52			Wavelength=2788A	Exp #=54385										
Radio	Frequency(MHz)/Flux(sfu):			606/62 1415/22 2695/50 4995/39 8800/27 15400/27											
Event # = 21352															
87/07/23, 17:00	DOY=204	Start	End times	SMM Pointing:	S28W27		Pitch=+610",	Yaw=-182",	Roll=-20deg	H. Ang=42deg					
Optical	Peak			Ha...Class=SF	AR4826	Mac. = CSO									
GOES	16:54	17:12		Importance=B9											
BCS	16:57	17:03		CaPeak.c/s=33	FePeak=16:57										
FCS															
UVSP	16:43			Wavelength=2788A	Code=00	Exp #=54392									
Event # = 8500															
87/07/23, 18:17	DOY=204	Start	End times	SMM Pointing:	S28W28		Pitch=+613",	Yaw=-192",	Roll=-20deg	H. Ang=43deg					
Optical	Peak			Ha...Class=SN	AR4826	Mac. = CSO									
GOES	18:00	18:45		Importance=C3											
HXRBS	18:12:55	18:14:27		Peak...c/s=67	Tot Cts=1073										
BCS	18:14	18:31		CaPeak.c/s=119	FePeak=18:16										
FCS															
UVSP	18:07			Wavelength=1375A	Code=00	Exp #=54396									
Event # = 21353															
87/07/23, 19:28	DOY=204	Start	End times	SMM Pointing:	S28W28		Pitch=+613",	Yaw=-192",	Roll=-20deg	H. Ang=43deg					
Optical	Peak			Ha...Class=SN	AR4826	Mac. = CSO									
GOES	19:05	20:26		Importance=C4											
BCS	19:38	19:53		CaPeak.c/s=72	FePeak=19:38										
FCS															
UVSP	19:39			Wavelength=1375A	Code=00	Exp #=54401									
Event # = 8501															
87/07/23, 21:27	DOY=204	Start	End times	SMM Pointing:	S28W30		Pitch=+622",	Yaw=-213",	Roll=-20deg	H. Ang=44deg					
Optical	Peak			Ha...Class=SN	AR4826	Mac. = CSO									
GOES	21:20	21:31		Importance=C1											
HXRBS	21:23:04	21:25:15		Peak...c/s=93	Tot Cts=1023										
BCS	21:16	21:25:43		CaPeak.c/s=72	FePeak=19:38										
FCS															
UVSP	21:16			Wavelength=1375A	Code=00	Exp #=54409									
Radio	Frequency(MHz)/Flux(sfu):			245/130 606/430 1415/33 2695/73											

87/07/24 DOY=205

Event # = 8502
 87/07/24,00:39 Start DOY=205 Peak
 S28W18 SMM Pointing: Pitch=+515",Yaw=-256",Roll=0deg H.Ang=38deg
 Optical Carr. Lon.=251deg H.Ang=43deg
 GOES 00:32 00:39 00:43 S28W28 AR4826
 HXRBS 00:33:51 00:34:56 00:36:59 Qual=02
 BCS 00:33 00:37 00:37 Qual=01 Tot Cts=1821
 FCS CaPeak.c/s=177 Qual=3 FePeak=00:35
 UVSP 00:39 Wave length=1375A Code=02 Exp #=54427

Event # = 21354
 87/07/24,08:28 Start DOY=205 Peak
 S28W36 SMM Pointing: Pitch=+505",Yaw=-485",Roll=0deg H.Ang=48deg
 Optical Carr. Lon.=253deg H.Ang=48deg
 GOES 08:16 08:28 09:03 S29W35 AR4826
 BCS 08:22 08:28 08:39 Qual=01
 FCS CaPeak.c/s=52 Qual=1 FePeak=08:27
 UVSP 08:25 Wave length=2788A Code=00 Exp #=54457

Event # = 8503
 87/07/24,10:04 Start DOY=205 Peak
 S28W36 SMM Pointing: Pitch=+505",Yaw=-485",Roll=0deg H.Ang=48deg
 Optical Carr. Lon.=253deg H.Ang=49deg
 GOES 09:53 10:04 10:39 S29W36 AR4826
 HXRBS 09:55:39 09:57:24 10:12:00 Qual=01 Tot Cts=1.47E+5
 BCS 09:56 10:01 10:43 Qual=1 FePeak=10:00
 FCS CaPeak.c/s=2268 Qual=1
 UVSP 10:00 Wave length=2788A Code=00 Exp #=54461
 Radio Frequency(MHz)/Flux(sfu): 1415/54 2695/130 4995/200 8800/230 15400/140

Event # = 21355
 87/07/24,10:43 Start DOY=205 Peak
 S28W36 SMM Pointing: Pitch=+504",Yaw=-495",Roll=0deg H.Ang=48deg
 Optical Carr. Lon.=253deg H.Ang=48deg
 GOES 10:43 10:43 10:44 Qual=00
 BCS 10:43 10:43 10:44 CaPeak.c/s=106 Qual=5 FePeak=10:43
 FCS Wave length=2788A Exp #=54463
 UVSP 10:34

Event # = 21356
 87/07/24,11:22 Start DOY=205 Peak
 S28W37 SMM Pointing: Pitch=+647",Yaw=-299",Roll=-20deg H.Ang=49deg
 Optical Carr. Lon.=145deg H.Ang=50deg
 GOES 11:21 11:22 11:32 Qual=00
 BCS 11:21 11:22 11:32 CaPeak.c/s=20 Qual=4 FePeak=11:29
 FCS Wave length=2788A Exp #=54464
 UVSP 11:17

Event # = 8504
 87/07/24,15:58 Start DOY=205 Peak
 S28W39 SMM Pointing: Pitch=+652",Yaw=-319",Roll=-20deg H.Ang=50deg
 Optical Carr. Lon.=145deg H.Ang=69deg
 GOES 15:50 15:58 16:33 N31E69 AR4831
 HXRBS 16:04:19 16:04:22 16:05:02 Qual=05
 UVSP 16:05 Peak...c/s=165 Qual=01 Tot Cts=774
 Wave length=1375A Code=02 Exp #=54477
 Flags=AX Step=10 Pitch=+664",Yaw=-317"

87/07/26		DOY=207	
Event # = 8538			
87/07/26, 03:31	DOY=207		
Start	Peak	SMM Pointing:	Pitch=+486", Yaw=-703", Roll=0deg H. Ang=65deg
GOES 03:27	03:31	Importance=C2	
HXRBS 03:27:46	03:28:13	Peak...c/s=179	MaxkeV=127
UVSP 03:28		WaveLength=2788A	Rast=180"x1" Pitch=+364", Yaw=-525"
Radio	Frequency(MHz)/Flux(sfu):	2695/12 4995/30 8800/33	Tot Cts=3050
			Exp #=54582
Event # = 8505			
87/07/26, 11:24	DOY=207		
Start	Peak	SMM Pointing:	Pitch=+704", Yaw=-521", Roll=-20deg H. Ang=68deg
GOES 11:23:53	11:24:27	Peak...c/s=73	MaxkeV=97
HXRBS 11:13		WaveLength=1375A	Rast=30"x30" Step=0" Pitch=+709", Yaw=-545"
UVSP 11:13			Tot Cts=14075
			Exp #=54604
Event # = 8506			
87/07/26, 13:45	DOY=207		
Start	Peak	SMM Pointing:	Pitch=+394", Yaw=+230", Roll=-20deg H. Ang=29deg
GOES 13:44:47	13:45:20	Peak...c/s=93	MaxkeV=127
HXRBS 13:39		WaveLength=1375A	Rast=30"x30" Step=0" Pitch=+368", Yaw=+235"
UVSP 13:39			Tot Cts=7817
			Exp #=54614
Event # = 8507			
87/07/26, 20:30	DOY=207		
Start	Peak	SMM Pointing:	Pitch=+450", Yaw=+30", Roll=0deg H. Ang=28deg
GOES 20:29	20:30	Importance=C6	MaxkeV=69
HXRBS 20:29:55	20:30:09	Peak...c/s=96	Rast=30"x30" Step=0" Pitch=+423", Yaw=-89"
UVSP 20:24		WaveLength=1375A	Tot Cts=476
			Exp #=54644
87/07/27			
DOY=208			
Event # = 8508			
87/07/27, 02:21	DOY=208		
Start	Peak	SMM Pointing:	Pitch=+449", Yaw=-21", Roll=0deg H. Ang=28deg
Optical		Ha...Class=SF	Mac.=EAI Carr. Lon.=253deg H. Ang=76deg
GOES 02:14	02:21	Importance=C4	AR4826
HXRBS 02:17:39	02:18:38	Peak...c/s=153	MaxkeV=97
UVSP 02:05		WaveLength=2788A	Rast=180"x1" Step=0" Pitch=+328", Yaw=+163"
Radio	Frequency(MHz)/Flux(sfu):	4995/17 8800/31	Tot Cts=5171
			Exp #=54649
Event # = 8483			
87/07/27, 18:15	DOY=208		
Start	Peak	SMM Pointing:	Pitch=+704", Yaw=-630", Roll=-20deg H. Ang=86deg
Optical		Ha...Class=SF	Mac.=EAI Carr. Lon.=245deg H. Ang=76deg
GOES 18:09	18:15	Importance=M2	AR4826
HXRBS 18:09:48	18:11:38	Peak...c/s=4600	MaxkeV=283
UVSP 18:09		WaveLength=1375A	Rast=30"x30" Step=0" Pitch=+727", Yaw=-594"
Radio	Sweeps	Type/Intensity:	Tot Cts=2.28E+5
Radio	Frequency(MHz)/Flux(sfu):	245/150 1415/56 2695/260 4995/380 8800/440 15400/190	Exp #=54704

Event # = 8509				87/07/28		DOY=209	
87/07/28, 16:52				SMM Pointing:		AR4826	
GOES	16:52:23	16:52:25	16:54:01	Qual=00	MaxkeV=156		
HXRBS	16:20			Qual=04	Rast=30"x30" Pitch=+757", Yaw=-544"		
UVSP				Peak...c/s=90	Flags=EN, SA, AX		
				Wavelength=1375A	Step=0" Pitch=+757", Yaw=-544"		
Event # = 8510				87/07/29		DOY=210	
87/07/29, 01:50				SMM Pointing:		Pitch=-394", Yaw=+183", Roll=0deg	
GOES	01:39	01:50	02:38	N30E13	H. Ang=27deg		
HXRBS	01:43:07	01:43:45	01:44:11	Qual=03	MaxkeV=69		
UVSP	02:09			Qual=03	Rast=180"x1" Pitch=-259", Yaw=+360"		
				Importance=C2	Flags=EG		
				Peak...c/s=75	Step=0"		
				Wavelength=2788A	Step=0"		
Event # = 21357				87/08/06		DOY=218	
87/08/06, 19:58				SMM Pointing:		Pitch=+463", Yaw=-78", Roll=0deg	
GOES	19:47	19:58	20:13	S23W05	H. Ang=30deg		
BGS	19:50		20:03	Qual=01	FePeak.c/s=8		
UVSP	19:45			Qual=4	#Peaks=1 dt= 7.7s XEN=721800		
				Importance=B8	Rast=0"x0" Cad=.26s		
				CaPeak.c/s=20	Step=0" Pitch=+467", Yaw=-69"		
				Wavelength=2788A	Step=3"		
Event # = 8512				87/08/07		DOY=219	
87/08/07, 08:37				SMM Pointing:		Pitch=+0", Yaw=+0", Roll=-20deg	
Optical				N06W00	H. Ang=0deg		
GOES	08:32	08:37	08:56	S24W11	Mac.=DAI		
HXRBS	08:43:25	08:44:42	08:45:16	Qual=01	Carr. Lon.=44deg		
UVSP	08:11			Qual=01	MaxkeV=69		
				Qual=01	Rast=180"x1" Pitch=+134", Yaw=+184"		
				Importance=C4	Step=0"		
				Peak...c/s=51	Step=0"		
				Wavelength=2788A	Step=0"		
Event # = 8513				87/08/07		DOY=219	
87/08/07, 09:59				SMM Pointing:		Pitch=+0", Yaw=+0", Roll=-20deg	
GOES	09:59:07	09:59:17	10:00:08	N06W00	H. Ang=0deg		
HXRBS	09:46			Qual=00	MaxkeV=284		
UVSP				Qual=01	Rast=180"x1" Pitch=+134", Yaw=+184"		
				Peak...c/s=153	Step=0"		
				Wavelength=2788A	Step=0"		
Event # = 8515				87/08/07		DOY=219	
87/08/07, 13:06				SMM Pointing:		Pitch=+0", Yaw=+0", Roll=-20deg	
Optical				N06W00	H. Ang=0deg		
GOES	12:58	13:06	13:12	Qual=01	Mac.=DAI		
HXRBS	13:00:56	13:01:45	13:02:22	S24W13	Carr. Lon.=44deg		
UVSP	12:54			Qual=01	MaxkeV=69		
				Qual=01	Rast=180"x1" Pitch=+134", Yaw=+184"		
				Importance=C4	Step=0"		
				Peak...c/s=95	Step=0"		
				Wavelength=2788A	Step=0"		
				Code=01	Step=0"		
				Associated	Step=0"		
				Event # = 8514	Step=0"		
				Tot Cts=723	Step=0"		
				Exp #=55048	Step=0"		
				Event # = 8514	Step=0"		
				Tot Cts=156	Step=0"		
				Tot Cts=97	Step=0"		

Event # = 21358									
87/08/07, 14:49	DOY=219								
Start	Peak								
Optical		SMM Pointing:	S23W15					Pitch=+458", Yaw=-232", Roll=0deg	H. Ang=33deg
GOES 14:27	14:49	Ha...Class=SF	S23W14	AR4835				Mac.=DAI	Carr. Lon.=44deg
BCS 14:42	14:42	Importance=86	Qual=04					FePeak.c/s=8	#Peaks=1
FCS		CaPeak.c/s=18	Qual=5	FePeak=14:43				Rast=0"x0"	dt= 7.7s
UVSP 14:36		Wavelength=1375A	Code=00	Exp #=55050				Rast=265"x265"	Pitch=+465", Yaw=-221"
Event # = 21359									
87/08/07, 15:28	DOY=219								
Start	Peak								
Optical		SMM Pointing:	S23W15						
GOES 15:22	15:28	Ha...Class=SF	S26W14	AR4835				Mac.=DAI	Carr. Lon.=43deg
BCS 15:27	15:27	Importance=C6	Qual=03	FePeak=15:27				FePeak.c/s=57	#Peaks=1
FCS		CaPeak.c/s=312	Qual=5					Rast=0"x0"	dt= 3.8s
UVSP 16:09		Wavelength=1375A		Exp #=55051				Rast=265"x265"	Pitch=+465", Yaw=-233"
Event # = 21360									
87/08/07, 16:57	DOY=219								
Start	Peak								
Optical		SMM Pointing:	S23W16						
GOES 16:49	16:57	Ha...Class=SN	S25W14	AR4835				Mac.=DAI	Carr. Lon.=42deg
BCS 17:04	17:05	Importance=C9	Qual=05	FePeak=17:05				FePeak.c/s=12	#Peaks=1
FCS		CaPeak.c/s=151	Qual=4					Rast=0"x0"	dt= 3.8s
UVSP 17:43		Wavelength=1375A		Exp #=55052				Rast=265"x265"	Pitch=+464", Yaw=-245"
Event # = 21361									
87/08/07, 17:58	DOY=219								
Start	Peak								
Optical		SMM Pointing:	S23W17						
GOES 17:51	17:58	Ha...Class=SF	S24W17	AR4835				Mac.=DAI	Carr. Lon.=45deg
BCS 17:54	17:56	Importance=C1	Qual=01	FePeak=17:56				FePeak.c/s=11	#Peaks=1
FCS		CaPeak.c/s=47	Qual=1					Rast=0"x0"	dt= 7.7s
UVSP 17:43		Wavelength=1375A	Code=00	Exp #=55052				Rast=265"x265"	Pitch=+464", Yaw=-245"
Event # = 8516									
87/08/07, 19:47	DOY=219								
Start	Peak								
Optical		SMM Pointing:	S23W18						
GOES 19:35	19:47	Ha...Class=SN	S24W17	AR4835				Mac.=DAI	Carr. Lon.=44deg
HXRBS 19:43:50	19:45:18	Importance=M1	Qual=01	Tot Cts=18071				MaxkeV=69	#Peaks=1
BCS 19:36	19:46	Peak...c/s=151	Qual=01	FePeak=19:46				FePeak.c/s=205	dt= 3.8s
FCS		CaPeak.c/s=789	Qual=1					Rast=0"x0"	Cad=.26s
UVSP 19:09		Wavelength=2788A	Code=00	Exp #=55053				Rast=180"x1"	Pitch=+336", Yaw=-85"
Event # = 8517									
87/08/07, 22:31	DOY=219								
Start	Peak								
Optical		SMM Pointing:	S23W19						
GOES 22:23	22:31	Ha...Class=SF	S24W18	AR4836				Mac.=DAI	Carr. Lon.=43deg
HXRBS 22:34:22	22:34:30	Importance=C1	Qual=01	Tot Cts=1847				MaxkeV=69	#Peaks=1
BCS 22:27	22:30	Peak...c/s=72	Qual=01	FePeak=22:29				FePeak.c/s=11	dt= 7.7s
FCS		CaPeak.c/s=49	Qual=1					Rast=0"x0"	Cad=.26s
UVSP 22:19		Wavelength=2788A	Code=01	Exp #=55055				Rast=180"x1"	Pitch=+335", Yaw=-109"

Event # = 21362		87/08/07, 23:53		DOY=219		S23W20		SMM Pointing:		Pitch=+456", Yaw=-298", Roll=0deg		H. Ang=35deg	
Start		Peak		End times		Importance=C2		Qual=05		#Peaks=1		dt= 7.7s	
23:40		23:53		00:21		CaPeak.c/s=29		Qual= 4		Step=0"		XEN=721906	
23:57		23:58		00:04		Wavelength=2788A		Code=00		Step=0"		Cad=.26s	
23:52						Exp #=55056				Step=0"		Pitch=+335", Yaw=-121"	
87/08/08 DOY=220													
Event # = 8518		87/08/08, 01:34		DOY=220		S23W21		SMM Pointing:		Pitch=+455", Yaw=-318", Roll=0deg		H. Ang=36deg	
Start		Peak		End times		Ha...Class=1N		AR4835		Carr. Lon.=44deg		H. Ang=37deg	
01:19		01:34		01:51		Importance=M1		Tot Cts=20258		Flags=SN		XEN=722000	
01:30:57		01:31:48		01:35:11		Peak...c/s=146		FePeak=01:33		#Peaks=1		dt= 3.8s	
01:32		01:33		01:46		CaPeak.c/s=1009		Qual= 4		Step=0"		Cad=.26s	
01:26						Wavelength=2788A		Code=00		Step=0"		Pitch=+334", Yaw=-133"	
01:47		01:47		02:03		Exp #=55058		Event # = 21363		#Peaks=1		dt= 7.7s	
						Associated		Qual= 5		Step=0"		XEN=722001	
						CaPeak.c/s=48		FePeak=01:47		Cad=.26s		0.256s/pixel	
87/08/08 DOY=220													
Event # = 8519		87/08/08, 01:53		DOY=220		S23W21		SMM Pointing:		Pitch=+455", Yaw=-318", Roll=0deg		H. Ang=36deg	
Start		Peak		End times		Importance=C2		Qual=01		MaxkeV=69		H. Ang=37deg	
01:51		01:53		02:15		Peak...c/s=65		Qual=01		Step=0"		Pitch=+334", Yaw=-133"	
01:51:01		01:51:08		01:51:34		Wavelength=2788A		Tot Cts=1497		Step=0"		Pitch=+334", Yaw=-133"	
01:26								Exp #=55058		Step=0"		Pitch=+334", Yaw=-133"	
87/08/08 DOY=220													
Event # = 8520		87/08/08, 03:41		DOY=220		S23W22		SMM Pointing:		Pitch=+540", Yaw=-154", Roll=-20deg		H. Ang=36deg	
Start		Peak		End times		Ha...Class=1N		AR4835		Carr. Lon.=43deg		H. Ang=37deg	
03:31		03:41		04:18		Importance=M2		Tot Cts=46058		Flags=SN		XEN=722002	
03:34:15		03:34:48		03:39:31		Peak...c/s=566		FePeak=03:37		#Peaks=1		dt= 3.8s	
03:35		03:37		03:55		CaPeak.c/s=1174		Qual= 1		Step=0"		Cad=.26s	
04:02						Wavelength=2788A		Exp #=55061		Step=0"		Pitch=+421", Yaw=+23"	
03:55		03:55		04:05		Frequency(MHz)/Flux(sfu):		Event # = 21364		#Peaks=1		dt= 7.7s	
						2695/34 15400/37		Qual= 5		Step=0"		XEN=722003	
						Associated		FePeak=03:55		Cad=.26s		0.256s/pixel	
87/08/08 DOY=220													
Event # = 21365		87/08/08, 05:12		DOY=220		S23W23		SMM Pointing:		Pitch=+543", Yaw=-166", Roll=-20deg		H. Ang=37deg	
Start		Peak		End times		Importance=C2		Qual=01		FePeak=05:09		XEN=722004	
05:02		05:12		05:42		CaPeak.c/s=72		Qual= 1		Step=0"		dt= 7.7s	
04:53		05:09		05:27		Wavelength=2788A		Code=00		Step=0"		Cad=1.02s	
05:11						Exp #=55064				Step=0"		Pitch=+424", Yaw=+15"	

Event # = 21366		DOY=220		SMM Pointing:	S23W25	Pitch=+550", Yaw=-189", Roll=-20deg	H. Ang=38deg
87/08/08, 08:44	Start	End times		Importance=87	Qual=03		
GOES	08:44	08:44	09:00	CaPeak.c/s=20	Qual=1	FePeak=1	dt= 7.7s XEN=722005
BCS	08:43	08:44	08:46	Wavelength=2788A	Code=00	Rast=0"x0"	Cad=.26s 0.256s/pixel
FCS						Rast=21"x243"	Pitch=+558", Yaw=-176"
UVSP	07:50					Exp #=55070	
Event # = 21367		DOY=220		SMM Pointing:	S23W26	Pitch=+554", Yaw=-199", Roll=-20deg	H. Ang=38deg
87/08/08, 09:32	Start	End times		Importance=C1	Qual=03		
GOES	09:18	09:32	10:09	CaPeak.c/s=55	Qual=1	FePeak=09:27	dt= 7.7s XEN=722006
BCS	09:27	09:29	09:59	Wavelength=2788A	Code=01	Rast=0"x0"	Cad=.26s 0.256s/pixel
FCS						Rast=180"x1"	Pitch=+433", Yaw=-15"
UVSP	09:17					Exp #=55071	
Event # = 21368		DOY=220		SMM Pointing:	S23W26	Pitch=+554", Yaw=-199", Roll=-20deg	H. Ang=38deg
87/08/08, 10:36	Start	End times		Importance=C9	Qual=1	FePeak=10:22	dt= 7.7s XEN=722007
GOES	10:25	10:36	11:29	CaPeak.c/s=73	Qual=1	Rast=0"x0"	Cad=1.02s 1.024s/pixel
BCS	10:21	10:22	10:24	Wavelength=2788A	Code=01	Rast=180"x1"	Pitch=+435", Yaw=-22"
FCS						Event # = 21369	
UVSP	10:20			2695/15 4995/41 8800/33		FePeak=10:59	dt= 7.7s XEN=722008
Radio	Frequency (MHz)/Flux (sfu):			Associated	Qual=4	Rast=0"x0"	Cad=.26s 0.256s/pixel
BCS	10:57	10:58	11:41	CaPeak.c/s=66		Rast=180"x1"	Pitch=+436", Yaw=-26"
FCS						Event # = 21370	
UVSP	10:52			Wavelength=2788A		Exp #=55073	
Event # = 21371		DOY=220		SMM Pointing:	S23W27	Pitch=+561", Yaw=-222", Roll=-20deg	H. Ang=40deg
87/08/08, 12:36	Start	End times		Importance=C2	Qual=03	Mac.=DAI	Carr. Lon.=44deg
Optical				CaPeak.c/s=67	Qual=1	FePeak=12:34	dt= 7.7s XEN=722009
GOES	12:30	12:36	13:00	Wavelength=1375A	Code=00	Rast=0"x0"	Cad=.26s 0.256s/pixel
BCS	12:31	12:36	12:46			Rast=265"x265"	Pitch=+568", Yaw=-210"
FCS						Event # = 21372	
UVSP	12:33					Exp #=55074	
Event # = 21372		DOY=220		SMM Pointing:	S23W30	Pitch=+450", Yaw=-434", Roll=0deg	H. Ang=41deg
87/08/08, 17:27	Start	End times		Importance=C1	Qual=01	Mac.=DAI	Carr. Lon.=43deg
Optical				CaPeak.c/s=46	Qual=1	FePeak=17:25	dt= 7.7s XEN=722011
GOES	17:13	17:27	17:56	Wavelength=1375A	Code=00	Rast=0"x0"	Cad=.26s 0.256s/pixel
BCS	17:19	17:26	17:36			Rast=30"x30"	Pitch=+464", Yaw=-419"
FCS						Event # = 21373	
UVSP	17:17					Exp #=55082	

Event # = 21373
 87/08/08,19:00 DOY=220 SMM Pointing: S23W31 Pitch=+449" , Yaw=-446" , Roll=0deg H. Ang=42deg
 Start Peak
 18:53 19:00 19:11
 GOES Importance=B7 Qual=01
 BCS CaPeak.c/s=21 Qual=5 FePeak=18:59
 18:59 19:01
 FCS Wavelength=1375A Code=00 #Peaks=1 dt= 7.7s XEN=722012
 UVSP 18:50 Step=0" Cad=.26s 0.256s/pixel
 Step=0" Pitch=+473" , Yaw=-421"

Event # = 8548
 87/08/08,20:45 DOY=220 SMM Pointing: S23W31 Pitch=+448" , Yaw=-456" , Roll=0deg H. Ang=42deg
 Start Peak
 20:40 20:45 20:56
 Optical Ha...Class=SF S23W30 AR4835 Carr. Lon.=43deg H. Ang=41deg
 GOES Importance=C2 Qual=01
 HXRBS 20:41:25 20:42:47 20:43:42 Tot Cts=4140 #Peaks=1 dt= 3.8s XEN=722013
 20:42 20:43 21:02 FePeak=20:43 Step=10" Cad=76.0s 8.448s/pixel
 BCS CaPeak.c/s=141 Qual=1 FePeak=20:43 Step=0" Pitch=+472" , Yaw=-443"
 UVSP 20:39 Wavelength=1375A Code=00 Exp #=55096

Event # = 8550
 87/08/08,21:00 DOY=220 SMM Pointing: S23W31 Pitch=+448" , Yaw=-456" , Roll=0deg H. Ang=42deg
 Start Peak
 20:57 21:00 21:24
 GOES Importance=C1 Qual=03
 HXRBS 20:58:35 20:58:47 20:59:33 Tot Cts=639 #Peaks=1 dt= 3.8s XEN=722014
 20:54 20:54 20:54 Associated Event # = 8549 Step=0" Pitch=+482" , Yaw=-435"
 HXRBS 20:57:45 20:57:56 20:58:03 Peak...c/s=68 Qual=01 Tot Cts=83 MaxkeV=69
 Flags=I

Event # = 8551
 87/08/08,22:25 DOY=220 SMM Pointing: S23W32 Pitch=+448" , Yaw=-468" , Roll=0deg H. Ang=43deg
 Start Peak
 22:19 22:25 22:46
 Optical Ha...Class=SF S24W31 AR4835 Carr. Lon.=43deg H. Ang=43deg
 GOES Importance=C3 Qual=01
 HXRBS 22:20:53 22:22:43 22:24:30 Tot Cts=1010 #Peaks=1 dt= 3.8s XEN=722014
 22:22 22:24 22:35 FePeak=22:23 Step=0" Cad=.26s 0.256s/pixel
 BCS CaPeak.c/s=145 Qual=1 FePeak=22:23 Step=0" Pitch=+461" , Yaw=-454"
 FCS Wavelength=1375A Code=00 Exp #=55102
 UVSP 22:13 245/1 410/1 606/3 1415/4 4995/30 8800/51 15400/22
 Radio Frequency(MHz)/Flux(sfu): 87/08/09 DOY=221

Event # = 21374
 87/08/09,01:29 DOY=221 SMM Pointing: S23W34 Pitch=+446" , Yaw=-489" , Roll=0deg H. Ang=44deg
 Start Peak
 01:24 01:29 01:40
 GOES Importance=B7 Qual=01
 BCS CaPeak.c/s=25 Qual=4 FePeak=01:29
 01:28 01:31
 FCS Wavelength=2788A Code=01 Exp #=55116
 UVSP 01:09

Event # = 21375
 87/08/09,02:36 DOY=221 SMM Pointing: S23W34 Pitch=+446" , Yaw=-489" , Roll=0deg H. Ang=44deg
 Start Peak
 02:20 02:36 02:57
 Optical Ha...Class=SF S23W35 AR4835 Carr. Lon.=45deg H. Ang=45deg
 GOES Importance=C1 Qual=05 #Peaks=1 dt= 7.7s XEN=722101
 BCS 02:40 02:40 02:47 CaPeak.c/s=31 Qual=5 FePeak=02:40 Step=0" Cad=.26s 0.256s/pixel
 FCS Wavelength=2788A Code=00 Exp #=55117 Pitch=+468" , Yaw=-132"
 UVSP 02:35

Event # = 21376		SMM Pointing:		S23W35		Pitch=+590", Yaw=-319", Roll=-20deg		H. Ang=45deg	
87/08/09, 03:10	DOY=221	Start	End times	AR4835	AR4835	Mac. =DKI	Carr. Lon. =46deg	H. Ang=46deg	
Optical									
GOES 03:04	03:10	03:16	03:19	FePeak=03:10		FePeak.c/s=17	#Peaks=1	dt= 7.7s	
BCS 03:04	03:08	03:19				Rast=0"x0"	Step=0"	Cad=.26s	
FCS						Rast=180"x1"	Step=0"	Pitch=+470", Yaw=-139"	
UVSP 03:35				Exp #=55118					
Event # = 8521		SMM Pointing:		S23W35		Pitch=+590", Yaw=-319", Roll=-20deg		H. Ang=45deg	
87/08/09, 04:18	DOY=221	Start	End times						
GOES 04:15	04:18	04:40	04:40						
HXRBS 04:17:02	04:17:08	04:17:38	04:17:38	Tot Cts=1742		MaxkeV=69	#Peaks=1	dt= 7.7s	
BCS 04:18	04:19	04:22	04:22	FePeak=04:18		FePeak.c/s=8	Step=0"	Cad=.26s	
FCS						Rast=0"x0"	Step=0"	Pitch=+471", Yaw=-143"	
UVSP 04:09				Exp #=55119					
Event # = 21377		SMM Pointing:		S23W37		Pitch=+595", Yaw=-339", Roll=-20deg		H. Ang=46deg	
87/08/09, 06:22	DOY=221	Start	End times	AR4835	AR4835	Mac. =DKI	Carr. Lon. =45deg	H. Ang=47deg	
Optical									
GOES 06:08	06:22	06:30	06:46	FePeak=06:22		FePeak.c/s=27	#Peaks=1	dt= 3.8s	
BCS 06:12	06:22	06:46				Rast=0"x0"	Step=0"	Cad=.26s	
FCS						Rast=180"x1"	Step=0"	Pitch=+475", Yaw=-159"	
UVSP 06:45				Exp #=55122					
Event # = 8552		SMM Pointing:		S23W39		Pitch=+603", Yaw=-369", Roll=-20deg		H. Ang=48deg	
87/08/09, 12:19	DOY=221	Start	End times						
GOES 12:17	12:19	12:23	12:23						
HXRBS 12:18:08	12:18:28	12:18:43	12:18:43	Tot Cts=422		MaxkeV=69	Flags=I	Pitch=+484", Yaw=-192"	
UVSP 12:01				Exp #=55129		Rast=180"x1"	Step=0"		
Radio	Frequency(MHz)/Flux(sfu): 245/140								
Event # = 8525		SMM Pointing:		S23W41		Pitch=+437", Yaw=-569", Roll=0deg		H. Ang=49deg	
87/08/09, 13:57	DOY=221	Start	End times	AR4839	AR4839	Mac. =HSX	Carr. Lon. =283deg	H. Ang=84deg	
Optical									
GOES 13:52	13:57	14:09	14:09	FePeak=14924		MaxkeV=249	Flags=ES	Pitch=+319", Yaw=-386"	
HXRBS 13:54:46	13:55:38	13:56:07	13:56:07	Tot Cts=14924		Rast=180"x1"	Step=0"		
UVSP 13:34				Exp #=55131					
Event # = 21378		SMM Pointing:		S27W43		Pitch=-575", Yaw=-494", Roll=90deg		H. Ang=53deg	
87/08/09, 20:03	DOY=221	Start	End times	AR4835	AR4835	Mac. =DKI	Carr. Lon. =42deg	H. Ang=51deg	
Optical									
GOES 19:42	20:03	20:17	20:17	FePeak=20:02		FePeak.c/s=8	#Peaks=1	dt= 7.7s	
BCS 19:59	20:03	20:09	20:09			Rast=0"x0"	Step=0"	Cad=.26s	
FCS						Rast=30"x30"	Step=0"	Pitch=-598", Yaw=-451"	
UVSP 19:58				Exp #=55140					

Event # = 21379		87/08/09, 23:07		D0Y=221									
Optical	Start	End times	SMM Pointing:	S27W44									
GOES	23:00	23:12	Ha...Class=SF	S23E85	AR4839								
BCS	23:06	23:13	Importance=B9	Qual=04	FePeak=23:07								
UVSP	23:06		CaPeak.c/s=32	Code=01	Exp #=55153								
			WaveLength=1375A										
Event # = 21380		87/08/09, 23:19		D0Y=221									
Optical	Start	End times	SMM Pointing:	S27W44									
GOES	23:13	23:59	Importance=B8	Qual=01	FePeak=23:20								
BCS	23:18	23:27	CaPeak.c/s=22	Code=00	Exp #=55154								
UVSP	23:07		WaveLength=1375A										
Event # = 8522		87/08/10, 02:38		D0Y=222									
Optical	Start	End times	SMM Pointing:	S27W46									
GOES	02:31	02:52	Importance=C4	Qual=01	Tot Cts=3975								
HXRBS	02:32:18	02:33:57	Peak...c/s=72	Code=00	Exp #=55172								
UVSP	02:30		WaveLength=1375A										
Event # = 8523		87/08/10, 03:09		D0Y=222									
Optical	Start	End times	SMM Pointing:	S27W46									
GOES	02:53	03:18	Ha...Class=SF	S21E65	AR4839								
HXRBS	02:58:26	03:06:31	Importance=C8	Qual=03	Tot Cts=5167								
UVSP	02:58	03:09:26	Peak...c/s=76	Code=00	Exp #=55176								
Radio		Frequency(MHz)/Flux(sfu):	WaveLength=1375A										
			245/12 606/22 1415/18 2695/14										
Event # = 8524		87/08/10, 07:55		D0Y=222									
Optical	Start	End times	SMM Pointing:	S27W48									
GOES	07:55:44	07:55:46	Importance=B7	Qual=01	Tot Cts=571								
HXRBS	07:55:44	07:55:46	Peak...c/s=211	Code=00	Exp #=55200								
UVSP	07:40	07:56:00	WaveLength=1375A										
Event # = 8526		87/08/10, 19:59		D0Y=222									
Optical	Start	End times	SMM Pointing:	S25E68									
GOES	19:54	20:09	Importance=B7	Qual=01	Tot Cts=336								
HXRBS	19:54:06	19:54:27	Peak...c/s=66	Code=00	Exp #=55216								
UVSP	20:26	19:55:15	WaveLength=2788A										
Event # = 8527		87/08/10, 21:21		D0Y=222									
Optical	Start	End times	SMM Pointing:	S25E66									
GOES	21:15	21:26	Ha...Class=SF	S22E69	AR4839								
HXRBS	21:19:04	21:19:18	Importance=B5	Qual=01	Tot Cts=351								
UVSP	21:08	21:19:54	Peak...c/s=76	Code=00	Exp #=55217								
			WaveLength=1375A										

Event # = 21381
 87/08/10,22:06 DOY=222
 Start Peak
 Optical
 GOES 21:27 22:06 22:49 22:06
 BCS 21:35 22:05 22:06
 FCS
 UVSP 22:39
 Radio Frequency(MHz)/Flux(sfu): 245/8 410/14 606/21 1415/49 4995/16

SMM Pointing: S25E66
 Ha...Class=SF AR4839
 Importance=C4
 CaPeak.c/s=31 FePeak=21:37
 Wavelength=1375A Exp #=55218
 245/8 410/14 606/21 1415/49 4995/16

Pitch=+441", Yaw=+785", Roll=0deg
 Mac.=HSX Carr. Lon.=283deg
 #Peaks=1 dt= 3.8s XEN=722200
 Step=0" Cad=.26s 0.256s/pixel
 Step=10" Pitch=+452", Yaw=+790"

87/08/11 DOY=223

Event # = 21382
 87/08/11,11:19 DOY=223
 Start Peak
 Optical
 GOES 11:05 11:19 11:31
 BCS 11:13 11:18 11:56
 FCS
 UVSP 11:09
 Radio Frequency(MHz)/Flux(sfu): 245/8 410/14 606/21 1415/49 4995/16

SMM Pointing: S25E59
 Ha...Class=IN AR4839
 Importance=C3
 CaPeak.c/s=105 FePeak=11:14
 Wavelength=2788A Code=00 Exp #=55270

Pitch=+174", Yaw=+844", Roll=-20deg
 Mac.=DKI Carr. Lon.=281deg
 #Peaks=1 dt= 3.8s XEN=722300
 Step=0" Cad=.26s 0.256s/pixel
 Step=0" Pitch=+53", Yaw=+773"

Event # = 21383
 87/08/11,22:07 DOY=223
 Start Peak
 Optical
 GOES 21:45 22:07 22:48 22:27
 BCS 22:13 22:14
 FCS
 UVSP 22:14
 Radio Frequency(MHz)/Flux(sfu): 245/16 410/26 606/11 1415/7 2695/11

SMM Pointing: S25E53
 Ha...Class=SN AR4839
 Importance=C4
 CaPeak.c/s=52 FePeak=22:14
 Wavelength=1375A Code=02 Exp #=55283
 245/16 410/26 606/11 1415/7 2695/11

Pitch=+687", Yaw=+458", Roll=90deg
 Mac.=DKI Carr. Lon.=285deg
 #Peaks=1 dt= 7.7s XEN=722301
 Step=0" Cad=.26s 0.256s/pixel
 Step=10" Pitch=+470", Yaw=+694"

87/08/12 DOY=224

Event # = 8529
 87/08/12,04:37 DOY=224
 Start Peak
 GOES 04:33 04:37 04:40
 HXRBS 04:34:42 04:35:09 04:35:40
 BCS 04:36 04:36 04:38
 FCS
 UVSP 04:33
 Radio Frequency(MHz)/Flux(sfu): 245/8 410/14 606/21 1415/49 4995/16

SMM Pointing: S25E50
 Importance=C1
 Peak...c/s=274
 CaPeak.c/s=36
 Wavelength=1375A Code=00 Exp #=55316

Pitch=+211", Yaw=+777", Roll=-20deg
 MaxkeV=156
 FePeak.c/s=9
 Rast=0" X0" dt= 7.7s XEN=722400
 Step=0" Cad=.26s 0.256s/pixel
 Step=0" Pitch=+228", Yaw=+758"

Event # = 8530
 87/08/12,06:18 DOY=224
 Start Peak
 GOES 06:10 06:18 06:27
 HXRBS 06:11:13 06:11:40 06:12:19
 UVSP 06:07
 Radio Frequency(MHz)/Flux(sfu): 245/8 410/14 606/21 1415/49 4995/16

SMM Pointing: S25E49
 Importance=B7
 Peak...c/s=55
 Wavelength=1375A Code=00 Exp #=55324

Pitch=+217", Yaw=+766", Roll=-20deg
 MaxkeV=69
 Rast=30" X30" dt= 7.7s XEN=722400
 Step=0" Cad=.26s 0.256s/pixel
 Step=0" Pitch=+242", Yaw=+750"

87/08/13 DOY=225

Event # = 8532
 87/08/13, 03:06 DOY=225 Peak SMM Pointing: S25E38 Pitch=+271", Yaw=+657", Roll=-20deg H.Ang=49deg
 Start End times
 Optical Ha...Class=SF S24E27 AR4839 Carr. Lon.=290deg H.Ang=40deg
 GOES 02:50 03:06 03:26 Importance=C2 Qual=01
 HXRBS 02:50:36 02:51:15 02:52:08 Peak...c/s=57 Qual=01 Tot Cts=705 #Peaks=1 dt= 7.7s XEN=722500
 BCS 02:54 03:01 03:18 CaPeak.c/s=57 Qual=1 FePeak=02:59 Step=0" Cad=.26s 0.256s/pixel
 FCS Wavelength=1375A Code=00 Exp #=55378 Rast=30"x30" Pitch=+276", Yaw=+591"
 UVSP 03:01 Frequency(MHz)/Flux(sfu): 410/18

87/08/13 DOY=225

Event # = 8533
 87/08/13, 13:44 DOY=225 Peak SMM Pointing: S25E32 Pitch=+485", Yaw=+454", Roll=0deg H.Ang=44deg
 Start End times
 Optical Ha...Class=SF S23E71 AR4842 Carr. Lon.=240deg H.Ang=75deg
 GOES 13:30 13:44 14:20 Importance=M1 Qual=03
 HXRBS 13:37:24 13:39:46 13:40:41 Peak...c/s=217 Qual=02 Tot Cts=20653 #Peaks=1 dt= 3.8s XEN=722501
 UVSP 13:26 Wavelength=2788A Code=01 Exp #=55391 Rast=180"x1" Step=0" Cad=.26s 0.256s/pixel
 Radio Frequency(MHz)/Flux(sfu): 1415/26 2695/17 4995/43 8800/74 15400/48

87/08/13 DOY=225

Event # = 8534
 87/08/13, 16:04 DOY=225 Peak SMM Pointing: S25E31 Pitch=+487", Yaw=+444", Roll=0deg H.Ang=44deg
 Start End times
 Optical Ha...Class=1B S25E29 AR4839 Carr. Lon.=281deg H.Ang=42deg
 Optical Ha...Class=SF S22E71 AR4842 Carr. Lon.=239deg H.Ang=75deg
 GOES 15:53 16:04 16:54 Importance=C5 Qual=03
 HXRBS 15:55:52 15:56:42 16:01:04 Peak...c/s=93 Qual=01 Tot Cts=4173 #Peaks=M dt= 3.8s XEN=722501
 BCS 15:57 16:02 16:06 CaPeak.c/s=180 Qual=1 FePeak=15:59 Step=0" Cad=.26s 0.256s/pixel
 FCS Wavelength=2788A Code=00 Exp #=55394 Rast=180"x1" Pitch=+366", Yaw=+366"
 UVSP 16:01 Frequency(MHz)/Flux(sfu): 1415/26 2695/17 4995/43 8800/74 15400/48

87/08/14 DOY=226

Event # = 8535
 87/08/14, 05:24 DOY=226 Peak SMM Pointing: S25E24 Pitch=+346", Yaw=+491", Roll=-20deg H.Ang=39deg
 Start End times
 GOES 05:21 05:24 05:29 Importance=B8 Qual=01
 HXRBS 05:21:35 05:22:05 05:29:30 Peak...c/s=80 Qual=01 Tot Cts=3813 #Peaks=M dt= 3.8s XEN=722501
 UVSP 05:16 Wavelength=2788A Code=00 Exp #=55422 Rast=243"x243" Step=3" Pitch=+353", Yaw=+503"
 Radio Sweeps Type/Intensity: III/2

87/08/14 DOY=226

Event # = 8536
 87/08/14, 16:13 DOY=226 Peak SMM Pointing: S25E18 Pitch=+497", Yaw=+261", Roll=0deg H.Ang=36deg
 Start End times
 GOES 16:13:25 16:13:58 16:14:12 Peak...c/s=67 Qual=00
 HXRBS 15:35 Wavelength=2788A Code=01 Exp #=55434 Rast=180"x1" Step=0" Cad=.26s 0.256s/pixel
 UVSP 15:35 Frequency(MHz)/Flux(sfu): 1415/26 2695/17 4995/43 8800/74 15400/48

87/08/19 DOY=231

Event # = 8537
 87/08/19, 10:31 DOY=231 Peak SMM Pointing: S30W13 Pitch=+565", Yaw=-181", Roll=0deg H.Ang=39deg
 Start End times
 Optical Ha...Class=1F S26W48 AR4839 Carr. Lon.=281deg H.Ang=57deg
 GOES 09:57 10:31 10:51 Importance=C9 Qual=02
 HXRBS 10:09:41 10:13:59 10:18:01 Peak...c/s=116 Qual=03 Tot Cts=10743 #Peaks=M, EN
 Radio Frequency(MHz)/Flux(sfu): 245/70 410/55 1415/96 2695/91 4995/40 8800/47 15400/30

Event # = 8540		87/08/20		DOY=232			
87/08/20,19:00	DOY=232	SMM Pointing:		S25W60		Pitch=+677", Yaw=-551", Roll=-20deg	
Optical	Start	End times				H. Ang=67deg	
Optical	Peak			AR4841		H. Ang=47deg	
GOES	19:00	Ha...Class=SF		AR4839		H. Ang=70deg	
HXRBS	18:51:17	Ha...Class=SF					
BCS	18:55	Importance=B8		Tot Cts=1125			
FCS	18:58	Peak...c/s=56		FePeak=18:56			
		CaPeak.c/s=29					
Event # = 22138		87/08/21		DOY=233			
87/08/21,05:34	DOY=233	SMM Pointing:		S32W33		Pitch=+579", Yaw=-441", Roll=0deg	
GOES	05:27	Importance=C1		Qual=01		dt= 7.7s	
BCS	05:32	CaPeak.c/s=73		Qual= 5		XEN=723300	
FCS	05:32	Wavelength=2788A		FePeak=05:32		Cad=.26s	
UVSP	06:11	2695/28 4995/64 8800/62 15400/47		Exp #=55567		Pitch=+458", Yaw=-262"	
Radio	Frequency(MHz)/Flux(sfu):						
Event # = 8541		87/08/21		DOY=233			
87/08/21,06:05	DOY=233	SMM Pointing:		S32W33		Pitch=+579", Yaw=-441", Roll=0deg	
GOES	05:54	Importance=C2		Qual=03		dt= 7.7s	
HXRBS	05:55:46	Peak...c/s=63		Qual=01		XEN=723301	
BCS	05:55	CaPeak.c/s=88		Qual= 1		Cad=.26s	
FCS	06:01	Wavelength=2788A		Code=02		Pitch=+458", Yaw=-262"	
UVSP	06:11	2695/28 4995/64 8800/62 15400/47		Exp #=55567			
Radio	Frequency(MHz)/Flux(sfu):						
Event # = 21385		87/08/21		DOY=233			
87/08/21,14:52	DOY=233	SMM Pointing:		S32W37		Pitch=+575", Yaw=-491", Roll=0deg	
GOES	14:45	Importance=B5		Qual=03		dt= 7.7s	
BCS	14:50	CaPeak.c/s=21		Qual= 5		XEN=723302	
FCS	14:50	Wavelength=2788A		Code=01		Cad=.26s	
UVSP	14:39	2695/28 4995/64 8800/62 15400/47		Exp #=55569		Pitch=+454", Yaw=-312"	
Radio	Frequency(MHz)/Flux(sfu):						
Event # = 8542		87/08/22		DOY=234			
87/08/22,22:00	DOY=234	SMM Pointing:		S32W42		Pitch=+720", Yaw=-309", Roll=-20deg	
Optical	Start	End times				H. Ang=56deg	
Optical	Peak			AR4845		H. Ang=78deg	
GOES	21:53	Ha...Class=SF		AR4845			
HXRBS	21:56:16	Importance=C1		Qual=02			
BCS	06:34	Peak...c/s=85		Qual=01			
FCS	06:42	Wavelength=2788A		Code=00			
UVSP	07:19	2695/28 4995/64 8800/62 15400/47		Exp #=55578		Step=0" Pitch=+599", Yaw=-126"	
Radio	Frequency(MHz)/Flux(sfu):						
Event # = 21386		87/08/22		DOY=234			
87/08/22,06:44	DOY=234	SMM Pointing:		S32W46		Pitch=+565", Yaw=-583", Roll=0deg	
GOES	06:34	Importance=B6		Qual=04		dt= 7.7s	
BCS	06:42	CaPeak.c/s=21		Qual= 4		XEN=723400	
FCS	06:42	Wavelength=2788A		Code=00		Cad=.26s	
UVSP	07:19	2695/28 4995/64 8800/62 15400/47		Exp #=55588		Pitch=+444", Yaw=-403"	
Radio	Frequency(MHz)/Flux(sfu):						

Event # = 8570		DOY=234		SMM Pointing:		S32W50		Pitch=+561", Yaw=-614", Roll=0deg		H. Ang=61deg	
87/08/22, 13:36		Peak		End times		Qual=01		MaxkeV=582		Flags=I, NS	
HXRB		13:36:31		13:36:40		Tot Cts=93		Rast=180"x1"		Step=0" Pitch=+440", Yaw=-434"	
UVSP		13:35				Exp #=55594					
Wavelength=2788A											
Event # = 8543		DOY=234		SMM Pointing:		N07W00		Pitch=+0", Yaw=+0", Roll=-20deg		H. Ang=0deg	
87/08/22, 16:48		Peak		End times		N15E67		Mac.=HSX		Carr. Lon.=123deg	
Optical		16:48		17:41		Qual=03		AR4845		H. Ang=66deg	
GOES		16:37		16:48		Ha...Class=SN					
HXRB		16:38:23		16:48:48		Importance=M1					
UVSP		16:44				Qual=03					
Radio		Frequency (MHz)/Flux(sfu):				Tot Cts=27057		MaxkeV=127		Flags=I, EN	
		245/360 410/540 606/240 1415/36 2695/16				Exp #=55598		Rast=180"x1"		Step=0" Pitch=-121", Yaw=+184"	
						4995/31 8800/40 15400/50					
Event # = 8544		DOY=234		SMM Pointing:		N15E63		Pitch=-464", Yaw=+705", Roll=-20deg		H. Ang=63deg	
87/08/22, 22:09		Peak		End times		Qual=00		MaxkeV=127		Flags=M, I, AX	
GOES		22:07:58		22:18:00		Qual=01		Rast=180"x1"		Step=0" Pitch=-330", Yaw=+634"	
HXRB		22:09:58		22:18:00		Tot Cts=6162					
UVSP		22:03				Exp #=55605					
Wavelength=2788A											
Event # = 21387		DOY=235		SMM Pointing:		87/08/23 DOY=235		Pitch=-460", Yaw=+699", Roll=-20deg		H. Ang=62deg	
87/08/23, 02:39		Peak		End times		N15E62		Mac.=CSO		Carr. Lon.=123deg	
Optical		02:18		02:55		Qual=05		FePeak.c/s=14		#Peaks=1 dt= 7.7s	
GOES		02:54		03:16		Qual= 5		Rast=0"x0"		Step=0" Cad=.26s	
BCS		02:54				FePeak=02:56		Rast=15"x15"		Pitch=-183", Yaw=+814"	
UVSP		02:54				Exp #=55611					
Wavelength=2788A											
Event # = 21388		DOY=235		SMM Pointing:		N15E56		Pitch=-182", Yaw=+759", Roll=0deg		H. Ang=55deg	
87/08/23, 12:57		Peak		End times		N15E58		Mac.=CSO		Carr. Lon.=121deg	
Optical		12:29		13:23		Qual=03		FePeak.c/s=10		#Peaks=1 dt= 7.7s	
GOES		12:44		13:13		Qual= 4		Rast=0"x0"		Step=0" Cad=.26s	
BCS		12:44				FePeak=12:47		Rast=180"x1"		Pitch=-47", Yaw=+683"	
UVSP		13:08				Exp #=55619					
Wavelength=2788A											
Event # = 21389		DOY=235		SMM Pointing:		N15E51		Pitch=-409", Yaw=+612", Roll=-20deg		H. Ang=51deg	
87/08/23, 23:11		Peak		End times		N14E50		Mac.=CSO		Carr. Lon.=123deg	
Optical		22:44		23:35		Qual=05		FePeak.c/s=57		#Peaks=1 dt= 3.8s	
GOES		23:15		23:53		Qual= 4		Rast=0"x0"		Step=0" Cad= 860s	
BCS		23:16				FePeak=23:15		Rast=180"x1"		Pitch=-268", Yaw=+529"	
UVSP		23:11				Exp #=55632					
Radio		Frequency (MHz)/Flux(sfu):				245/230 410/19 606/30 1415/83 2695/70					

Event # = 21390	DOY=235	SMM Pointing:	N15E50	Pitch=-403", Yaw=+602", Roll=-20deg	H. Ang=50deg
87/08/23, 23:53	Peak	End times			
GOES 23:53	23:53	00:10	Qual=00	dt= 7.7s	XEN=723503
BCS			Qual= 5	Step=0"	Cad=.26s
FCS			CaPeak.c/s=29	Step=0"	Pitch=-265", Yaw=+524"
UVSP 00:09			Wavelength=2788A	Step=0"	
87/08/24 DOY=236					
Event # = 8545	DOY=236	SMM Pointing:	N15E45	Pitch=-166", Yaw=+654", Roll=0deg	H. Ang=45deg
87/08/24, 07:32	Peak	End times			
GOES 07:30	07:32	07:37	Qual=01	MaxkeV=69	
HXRBS 07:29:51	07:30:23	07:30:48	Qual=01	Rast=180"x1"	Pitch=-31", Yaw=+578"
UVSP 07:59			Wavelength=2788A	Step=0"	
87/08/24 DOY=236					
Event # = 8546	DOY=236	SMM Pointing:	N15E45	Pitch=-166", Yaw=+654", Roll=0deg	H. Ang=45deg
87/08/24, 08:05	Peak	End times			
GOES 08:00	08:05	08:12	Qual=03	MaxkeV=69	
HXRBS 08:02:50	08:02:56	08:03:07	Qual=01	Rast=180"x1"	Pitch=-31", Yaw=+578"
UVSP 07:59			Code=00	Step=0"	
87/08/24 DOY=236					
Event # = 21391	DOY=236	SMM Pointing:	N15E38	Pitch=-338", Yaw=+473", Roll=-20deg	H. Ang=38deg
87/08/24, 22:31	Peak	End times			
Optical 22:21	22:31	23:26	Qual=05	Mac.=CS0	H. Ang=39deg
GOES 22:48	22:49	22:59	Qual= 4	Carr. Lon.=122deg	
BCS			FePeak=22:50	dt= 7.7s	XEN=723600
FCS			Exp #=55658	Step=0"	Cad=.26s
UVSP 22:44			Wavelength=2788A	Step=0"	Pitch=-200", Yaw=+394"
Radio Frequency(MHz)/Flux(sfu):	410/16	1415/19	2695/53	4995/82	
87/08/25 DOY=237					
Event # = 21392	DOY=237	SMM Pointing:	N15E33	Pitch=-151", Yaw=+505", Roll=0deg	H. Ang=34deg
87/08/25, 05:50	Peak	End times			
Optical 05:38	05:50	06:01	Qual=04	Mac.=DRI	H. Ang=34deg
GOES 05:43	05:48	06:02	Qual= 1	Carr. Lon.=124deg	
BCS			FePeak=05:48	dt= 7.7s	XEN=723700
FCS			Exp #=55666	Step=0"	Cad=.26s
UVSP 05:58			Wavelength=2788A	Step=0"	Pitch=-16", Yaw=+427"
Radio Frequency(MHz)/Flux(sfu):	606/1				
87/08/26 DOY=238					
Event # = 21393	DOY=238	SMM Pointing:	N15E23	Pitch=-255", Yaw=+290", Roll=-20deg	H. Ang=24deg
87/08/26, 00:53	Peak	End times			
Optical 00:42	00:53	01:12	Qual=02	Mac.=Bx0	H. Ang=22deg
GOES 00:49	00:51	00:53	Qual= 1	Carr. Lon.=124deg	
BCS			FePeak=00:51	dt= 7.7s	XEN=723800
UVSP 00:40			Exp #=55693	Step=0"	Pitch=-209", Yaw=+219"

Event # = 8574	87/08/27		DOY=239		
87/08/27, 14:31	DOY=C39	Start	End times	SMM Pointing:	
Optical	Peak			N15E02	Pitch=-136", Yaw=-9", Roll=-20deg H.Ang=8deg
GOES	14:31	14:38		N14E03	Carr.Lon.=122deg H.Ang=8deg
HXRBS	14:26:59	14:30:14		Qual=03	
UVSP	14:30			Qual=01	MaxkeV=69
Radio	Frequency(MHz)/Flux(sfu):			Code=00	Rast=180"x1" Pitch=+1", Yaw=-88"
	245/70	410/27		Exp #=55809	
				Tot Cts=1620	
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Event # = 8553	87/08/31		DOY=243		
87/08/31, 21:57	DOY=243	Start	End times	SMM Pointing:	
Optical	Peak			N15W02	Pitch=-113", Yaw=-74", Roll=-20deg H.Ang=8deg
GOES	21:51	22:05		Qual=03	
HXRBS	21:51:38	21:53:49		Qual=01	MaxkeV=69
UVSP	21:10			Code=00	Rast=21"x243" Step=3" Pitch=+7", Yaw=+12"
				Exp #=55912	
				Tot Cts=523	
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Event # = 8554	87/09/01		DOY=244		
87/09/01, 14:42	DOY=244	Start	End times	SMM Pointing:	
Optical	Peak			S22E82	Pitch=+47", Yaw=+948", Roll=-20deg H.Ang=85deg
GOES	14:42:39	14:45:35		Qual=01	MaxkeV=390
HXRBS	14:42:39	14:45:35		Qual=01	Rast=180"x1" Step=0"
UVSP	14:26			Code=00	Pitch=-74", Yaw=+877"
				Exp #=55928	
				Tot Cts=864	
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Event # = 21394	87/09/01		DOY=244		
87/09/01, 15:50	DOY=244	Start	End times	SMM Pointing:	
Optical	Peak			S22E82	Pitch=+47", Yaw=+948", Roll=-20deg H.Ang=85deg
GOES	15:30	16:13		S26E59	Mac.=AXX
BCS	16:05	16:37		Qual=05	Carr.Lon.=360deg H.Ang=66deg
FCS	16:01			Qual=4	#Peaks=1 dt= 7.7s XEN=724400
UVSP	16:01			CaPeak.c/s=56	Rast=0"x0" Cad=1.02s 1.024s/pixel
Radio Sweeps	Type/Intensity:			Wavelength=2788A	Pitch=-74", Yaw=+877"
Radio	Frequency(MHz)/Flux(sfu):			I11/2	
	245/6	410/23		Exp #=55930	
				8800/36	
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Event # = 21395	87/09/03		DOY=246		
87/09/03, 15:42	DOY=246	Start	End times	SMM Pointing:	
Optical	Peak			S20E51	Pitch=+132", Yaw=+786", Roll=-20deg H.Ang=57deg
GOES	15:30	15:57		S21E52	Mac.=DAO
BCS	15:42	15:49		Qual=01	Carr.Lon.=340deg H.Ang=58deg
FCS	15:42			Qual=1	#Peaks=1 dt= 7.7s XEN=724600
UVSP	16:06			CaPeak.c/s=47	Rast=0"x0" Cad=.26s 0.256s/pixel
				Wavelength=2788A	Pitch=+14", Yaw=+711"
				Exp #=55980	
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Event # = 8555	87/09/04		DOY=247		
87/09/04, 09:15	DOY=247	Start	End times	SMM Pointing:	
Optical	Peak			S20E41	Pitch=+405", Yaw=+591", Roll=0deg H.Ang=49deg
GOES	09:15:19	09:16:17		Qual=06	
HXRBS*	09:15:19	09:15:50		Qual=01	MaxkeV=95
UVSP	09:22			Code=00	Rast=180"x1" Step=0"
				Exp #=55996	Pitch=+287", Yaw=+515"
				Tot Cts=3246	

Event # = 21398		DOY=250		SMM Pointing:		S22W01		Pitch=+442", Yaw=+145", Roll=-20deg		H. Ang=29deg	
87/09/07	16:19	Start	Peak	End times	Ha...Class=SN	Qual=5	AR4849	Mac.=EAI	Carr. Lon.=339deg	H. Ang=31deg	
Optical	15:59		16:19	16:33	Importance=C3	Qual=5		FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=725004
BCS	16:35		16:35	16:44	CaPeak.c/s=31			Rast=0"x0"	Step=0"	Cad=.26s	0.256s/pixel
FCS					Wavelength=2788A		Exp #=56082	Rast=180"x1"	Step=0"	Pitch=+325", Yaw=+317"	
UVSP	16:30										
Event # = 21399		DOY=250		SMM Pointing:		S22W02		Pitch=+453", Yaw=+124", Roll=-20deg		H. Ang=29deg	
87/09/07	18:54	Start	Peak	End times	Ha...Class=SF	Qual=02	AR4849	Mac.=EAI	Carr. Lon.=340deg	H. Ang=31deg	
Optical	18:39		18:54	19:02	Importance=C1	Qual=2		FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=725005
GOES	18:50		18:50	18:50	CaPeak.c/s=21			Rast=0"x0"	Step=0"	Cad=.26s	0.256s/pixel
BCS					Wavelength=2788A	Code=01	Exp #=56085	Rast=243"x243"	Step=3"	Pitch=+458", Yaw=+132"	
FCS					V/I						
UVSP	18:13				Type/Intensity:						
Radio Sweeps											
Event # = 8558		DOY=250		SMM Pointing:		S22W04		Pitch=+465", Yaw=-54", Roll=0deg		H. Ang=29deg	
87/09/07	19:59	Start	Peak	End times	Ha...Class=SF	Qual=01	AR4849	Mac.=EAI	Carr. Lon.=340deg	H. Ang=29deg	
Optical	19:52		19:59	20:24	Importance=C1	Qual=01		Maxkey=69			
GOES	19:55		19:56:02	19:56:37	Peak...c/s=62		Tot Cts=367	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=725006
HXRBS	19:55		19:57	20:15	CaPeak.c/s=48		FePeak=19:56	Rast=0"x0"	Step=0"	Cad=.26s	0.256s/pixel
BCS					Wavelength=2788A	Code=01	Exp #=56086	Rast=180"x1"	Step=0"	Pitch=+344", Yaw=+131"	
FCS											
UVSP	19:39										
Event # = 21400		DOY=250		SMM Pointing:		S22W04		Pitch=+465", Yaw=-67", Roll=0deg		H. Ang=30deg	
87/09/07	21:39	Start	Peak	End times	Ha...Class=SF	Qual=01	AR4849	Mac.=EAI	Carr. Lon.=340deg	H. Ang=30deg	
Optical	21:33		21:39	21:43	Importance=B7	Qual=1		FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=725007
GOES	21:38		21:38	21:43	CaPeak.c/s=19		FePeak=21:40	Rast=0"x0"	Step=0"	Cad=.26s	0.256s/pixel
BCS					Wavelength=2788A		Exp #=56087	Rast=180"x1"	Step=0"	Pitch=+344", Yaw=+118"	
FCS											
UVSP	21:13										
Event # = 21401		DOY=250		SMM Pointing:		S22W05		Pitch=+465", Yaw=-80", Roll=0deg		H. Ang=30deg	
87/09/07	23:32	Start	Peak	End times	Ha...Class=SF	Qual=01	AR4849	Mac.=EAI	Carr. Lon.=340deg	H. Ang=30deg	
Optical	23:21		23:32	23:50	Importance=B8	Qual=4		FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=725008
GOES	23:26		23:30	23:40	CaPeak.c/s=27		FePeak=23:27	Rast=0"x0"	Step=0"	Cad=.26s	0.256s/pixel
BCS					Wavelength=2788A		Exp #=56088	Rast=180"x1"	Step=0"	Pitch=+344", Yaw=+105"	
FCS											
UVSP	22:46										
Event # = 21402		DOY=251		SMM Pointing:		S22W07		Pitch=+464", Yaw=-106", Roll=0deg		H. Ang=30deg	
87/09/08	03:34	Start	Peak	End times	Ha...Class=SF	Qual=04	AR4849	Mac.=EAI	Carr. Lon.=339deg	H. Ang=31deg	
Optical	03:30		03:34	03:53	Importance=C1	Qual=1		FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=725100
GOES	03:34		03:34	03:37	CaPeak.c/s=44		FePeak=03:34	Rast=0"x0"	Step=0"	Cad=.26s	0.256s/pixel
BCS					Wavelength=2788A	Code=00	Exp #=56093	Rast=180"x1"	Step=0"	Pitch=+343", Yaw=+65"	
FCS											
UVSP	03:29										

Event # = 21403
87/09/08, 08:42 DOY=251 Peak
Optical S22W10 SMM Pointing: H.Ang=31deg
GOES 08:37 08:42 08:47 08:40 Ha...Class=SF AR4849 Carr. Lon.=340deg
BCS 08:40 08:40 08:40 08:40 Importance=C2 FePeak=08:40 dt= 7.7s XEN=725101
UVSP 09:10 08:40 08:40 08:40 CaPeak.c/s=57 Wavelength=2788A Exp #=56100 Rast=180"x1" Step=0" Pitch=+342", Yaw=+18"

Event # = 8560
87/09/08, 13:22 DOY=251 Peak
Optical S22W13 SMM Pointing: H.Ang=32deg
GOES 13:19 13:22 13:26 13:26 Ha...Class=SF AR4849 Carr. Lon.=337deg
HXRS 13:20:01 13:20:26 13:21:06 13:21:06 Importance=B8 Tot Cts=352 dt= 7.7s XEN=725102
BCS 13:21 13:21 13:23 13:23 Peak...c/s=55 FePeak=13:21 Step=0" Cad=26s 0.256s/pixel
FCS 13:21 13:21 13:23 13:23 CaPeak.c/s=30 Rast=180" x1" Step=0" Pitch=+341", Yaw=-12"
UVSP 12:54 Wavelength=2788A Exp #=56105

Event # = 8561
87/09/08, 16:21 DOY=251 Peak
Optical NO7W00 SMM Pointing: H.Ang=0deg
GOES 16:17 16:21 16:25 16:25 Ha...Class=SF AR4849 Carr. Lon.=339deg
HXRS 16:18:26 16:19:29 16:19:40 16:19:40 Importance=B6 Tot Cts=269 H.Ang=34deg
UVSP 16:18:26 16:19:29 16:19:40 16:19:40 Peak...c/s=51 MaxkeV=69

Event # = 8562
87/09/09, 00:20 DOY=252 Peak
GOES 00:20:55 00:20:59 00:21:11 00:21:11 Qual=00 Pitch=-121", Yaw=+184"
HXRS 00:20:55 00:20:59 00:21:11 00:21:11 Peak...c/s=68 Qual=01 Tot Cts=41
UVSP 00:20:55 00:20:59 00:21:11 00:21:11 Wavelength=2788A Exp #=56128

Event # = 12762
87/09/09, 08:40 DOY=252 Peak
HXRS 08:40:25 08:40:28 08:41:05 08:41:05 SMM Pointing: S22W23 H.Ang=37deg
UVSP 08:43 08:43 08:43 08:43 Peak...c/s=62 Qual=01 Tot Cts=215 MaxkeV=468 H.Ang=37deg
Wavelength=2788A Exp #=56118 Rast=180" x1" Step=0" Pitch=+428", Yaw=+9"

Event # = 21404
87/09/09, 11:56 DOY=252 Peak
GOES 11:39 11:56 12:26 11:56 SMM Pointing: S22W25 H.Ang=38deg
BCS 11:52 11:52 11:56 11:56 Importance=B6 Qual=03 dt= 7.7s XEN=725200
FCS 11:52 11:52 11:56 11:56 CaPeak.c/s=20 Qual=1 FePeak=11:55 Cad=26s 0.256s/pixel
UVSP 11:43 Wavelength=1375A Code=00 Exp #=56128 Rast=30" x30" Step=0" Pitch=+560", Yaw=-232"

Event # = 8563
87/09/09, 17:37 DOY=252 Peak
GOES 17:34 17:37 17:41 17:41 SMM Pointing: S22W28 H.Ang=40deg
HXRS 17:35:29 17:35:36 17:35:47 17:35:47 Importance=B4 Qual=01 Tot Cts=394 Pitch=+572", Yaw=-255"
UVSP 17:31 17:31 17:31 17:31 Peak...c/s=89 Qual=01 Exp #=56156 Wavelength=1375A Code=00 Rast=30" x30" Step=0"

87/09/10		DOY=253	
Event # = 21405	87/09/10, 14:17	DOY=253	Peak
Optical	SMM Pointing:	S22W39	
GOES	Ha...Class=SF	AR4849	
BCS	Importance=C1	Qual=01	
FCS	CaPeak.c/s=29	Qual=1	
UVSP	Wave length=2788A	Exp #=56200	
			Pitch=+605", Yaw=-375", Roll=-20deg
			Mac.=EKI Carr.Lon.=342deg H.Ang=48deg
			FePeak.c/s=9 dt= 7.7s XEN=725300
			Rast=0"x0" Cad=.26s 0.256s/pixel
			Rast=180"x1" Pitch=+485", Yaw=-196"
87/09/11		DOY=254	
Event # = 21406	87/09/11, 00:59	DOY=254	Peak
Optical	SMM Pointing:	S22W45	
GOES	Importance=B7	Qual=01	
BCS	CaPeak.c/s=19	Qual=1	
FCS	Wave length=2788A	Exp #=56208	
UVSP			
			Pitch=+435", Yaw=-624", Roll=0deg
			Mac.=EAO Carr.Lon.=340deg H.Ang=53deg
			FePeak.c/s=7 dt= 7.7s XEN=725400
			Rast=0"x0" Cad=.26s 0.256s/pixel
			Rast=180"x1" Pitch=+311", Yaw=-442"
87/09/11		DOY=254	
Event # = 21407	87/09/11, 04:23	DOY=254	Peak
Optical	SMM Pointing:	S22W47	
GOES	Ha...Class=1F	AR4849	
BCS	Importance=C2	Qual=01	
FCS	CaPeak.c/s=59	Qual=1	
UVSP	Wave length=2788A	Exp #=56213	
			Pitch=+430", Yaw=-646", Roll=0deg
			Mac.=EAO Carr.Lon.=340deg H.Ang=55deg
			FePeak.c/s=14 dt= 7.7s XEN=725401
			Rast=0"x0" Cad=1.02s 1.024s/pixel
			Rast=180"x1" Pitch=+308", Yaw=-466"
87/09/11		DOY=254	
Event # = 8566	87/09/11, 13:42	DOY=254	Peak
Optical	SMM Pointing:	S22W52	
GOES	Importance=B4	Qual=01	
HXRBS	Peak...c/s=64	Qual=01	
UVSP	Wave length=2788A	Tot Cts=1340	
		Exp #=56225	
			Pitch=+635", Yaw=-510", Roll=-20deg
			MaxkeV=187
			Rast=180"x1" Step=0" Pitch=+515", Yaw=-331"
87/09/11		DOY=254	
Event # = 12763	87/09/11, 16:27	DOY=254	Peak
Optical	SMM Pointing:	S22W49	
GOES	Importance=C2	Qual=01	
HXRBS	CaPeak.c/s=61	Qual=01	
UVSP	Wave length=2788A	Tot Cts=67	
		Exp #=56228	
			Pitch=+426", Yaw=-672", Roll=0deg
			MaxkeV=157 Flags=NS,GB
			Rast=243"x243" Step=3" Pitch=+433", Yaw=-660"
87/09/11		DOY=254	
Event # = 8587	87/09/11, 18:20	DOY=254	Peak
Optical	SMM Pointing:	S22W54	
GOES	Ha...Class=SF	AR4849	
HXRBS	Importance=C2	Qual=01	
BCS	CaPeak.c/s=60	Qual=1	
FCS	Wave length=1375A	Code=00	
UVSP		Exp #=56229	
			Pitch=+419", Yaw=-720", Roll=0deg
			Mac.=EAO Carr.Lon.=340deg H.Ang=61deg
			MaxkeV=69
			FePeak.c/s=15 dt= 7.7s XEN=725402
			Rast=0"x0" Cad=.26s 0.256s/pixel
			Rast=265"x265" Pitch=+426", Yaw=-708"

87/09/12		DOY=255	
Event # = 8567			
87/09/12, 06:45	DOY=255		
Start	Peak		
Optical	SMM Pointing:		
GOES 06:35	Ha...Class=IF	S22W60	Pitch=+647", Yaw=-583", Roll=-20deg
HXRBS 06:36:50	Importance=C1	S23W62	Mac.=EAO Carr.Lon.=340deg
BCS 06:41	Peak...c/s=112	Qual=01	
FCS	CaPeak.c/s=43	Qual=01	
UVSP 06:26	Wavelength=2788A	Code=01	Exp #=56241
Event # = 21408			
87/09/12, 12:11	DOY=255		
Start	Peak		
Optical	SMM Pointing:		
GOES 12:02	Ha...Class=IF	S22W64	Pitch=+650", Yaw=-609", Roll=-20deg
BCS 12:09	Importance=C1	S23W66	Mac.=EAO Carr.Lon.=341deg
FCS	CaPeak.c/s=22	Qual=02	
UVSP 12:07	Wavelength=2788A	Code=00	Exp #=56248
Event # = 21409			
87/09/13, 07:40	DOY=256		
Start	Peak		
GOES 07:31	Importance=B8	S22W73	Pitch=+653", Yaw=-664", Roll=-20deg
BCS 07:39	CaPeak.c/s=22	Qual=04	
FCS	Wavelength=2788A	Code=00	Exp #=56268
UVSP 07:33			
Event # = 21410			
87/09/13, 08:06	DOY=256		
Start	Peak		
GOES 07:57	Importance=B8	S22W73	Pitch=+653", Yaw=-664", Roll=-20deg
BCS 08:03	CaPeak.c/s=20	Qual=01	
FCS	Wavelength=2788A	Code=04	Exp #=56269
UVSP 08:31			
Event # = 8568			
87/09/13, 12:16	DOY=256		
Start	Peak		
GOES 12:11	Importance=B4	S22W75	Pitch=+652", Yaw=-674", Roll=-20deg
HXRBS 12:21:22	Peak...c/s=74	Qual=05	
UVSP 12:16	Wavelength=2788A	Code=02	Exp #=56274
Event # = 8569			
87/09/13, 15:38	DOY=256		
Start	Peak		
GOES 15:31	Importance=B4	S22W79	Pitch=+375", Yaw=-869", Roll=0deg
HXRBS 15:31:12	Peak...c/s=57	Qual=01	
UVSP 15:23	Wavelength=2788A	Code=01	Exp #=56278

Event # = 8571	87/09/14		DOY=257			
87/09/14, 13:41	DOY=257		S25W26		Pitch=+605", Yaw=-185", Roll=-20deg	H. Ang=41deg
Start	Peak	End times	SMM Pointing:			
GOES 13:34	13:41	13:52	Importance=82	Qual=01		
HXRBS 13:30:59	13:35:04	13:36:57	Peak...c/s=65	Qual=01	Tot Cts=1700	
UVSP 13:22	13:35:04	13:36:57	Wave length=2788A	Code=01	Exp #=56301	
Radio Sweeps	Type/Intensity:	III/I V/2			Step=0" Pitch=+484", Yaw=-1"	
Event # = 8598	87/09/17		DOY=260			
87/09/17, 11:26	DOY=260		S31W18		Pitch=+636", Yaw=-39", Roll=-20deg	H. Ang=42deg
Start	Peak	End times	SMM Pointing:			
Optical			Ha...Class=SF	AR4853	Mac.=CS0	H. Ang=44deg
GOES 11:20	11:26	11:31	Importance=82	Qual=01	Carr. Lon.=229deg	
HXRBS 11:28:44	11:29:02	11:29:33	Peak...c/s=64	Qual=01	Flags=I	
UVSP 11:26	11:29:02	11:29:33	Wave length=2788A	Code=02	Step=0" Pitch=+518", Yaw=+139"	
Event # = 8572	87/09/17		DOY=260			
87/09/17, 13:29	DOY=260		S31W19		Pitch=+641", Yaw=-49", Roll=-20deg	H. Ang=42deg
Start	Peak	End times	SMM Pointing:			
GOES 13:29:01	13:29:04	13:29:19	Qual=00		MaxkeV=583	
HXRBS 13:35	13:29:04	13:29:19	Qual=01		Rast=180"x1"	
UVSP 13:35	13:29:04	13:29:19	Peak...c/s=600	Tot Cts=1331	Step=0" Pitch=-121", Yaw=+184"	
Wave length=2788A			Wave length=2788A	Exp #=56380		
Event # = 8573	87/09/28		DOY=271			
87/09/17, 20:20	DOY=260		S31W23		Pitch=+581", Yaw=-321", Roll=0deg	H. Ang=44deg
Start	Peak	End times	SMM Pointing:			
Optical			Ha...Class=SF	AR4856	Carr. Lon.=142deg	H. Ang=70deg
GOES 20:06	20:20	20:35	Importance=C2	Qual=03		
HXRBS 20:09:03	20:10:12	20:14:00	Peak...c/s=62	Qual=01	MaxkeV=69	
UVSP 19:52	20:10:12	20:14:00	Wave length=2788A	Tot Cts=1600	Rast=180"x1"	
				Exp #=56386	Step=0" Pitch=+460", Yaw=-136"	
Event # = 8588	87/09/28		DOY=271			
87/09/28, 22:09	DOY=271		N07W00		Pitch=-1", Yaw=+0", Roll=-20deg	H. Ang=0deg
Start	Peak	End times	SMM Pointing:			
GOES 22:09:18	22:09:26	22:09:52	Qual=00		MaxkeV=218	
HXRBS 22:09:18	22:09:26	22:09:52	Qual=01	Tot Cts=616	Rast=21"x243"	
UVSP 21:17	22:09:26	22:09:52	Peak...c/s=152	Exp #=56710	Step=3" Pitch=+7", Yaw=+12"	
Wave length=2788A			Wave length=2788A			
Event # = 8589	87/09/30		DOY=273			
87/09/30, 04:56	DOY=273					
Start	Peak	End times				
GOES 04:54:34	04:56:28	04:59:49	Qual=00	Tot Cts=1895	MaxkeV=69	
HXRBS 04:54:34	04:56:28	04:59:49	Qual=01	Exp #=56747	Rast=180"x1"	
UVSP 04:41	04:56:28	04:59:49	Peak...c/s=56		Step=0" Pitch=+7", Yaw=+16"	
Wave length=2788A			Wave length=2788A			

87/10/04		DOY=277		87/10/05		DOY=278		87/10/07		DOY=280		87/10/09		DOY=282		87/10/10		DOY=283	
Event # = 8590																			
87/10/04, 22:17	Start	DOY=277	Peak	SMM Pointing:	N30E11														
Optical				Ha...Class=SF	N29E09	AR4860													
GOES	22:10	22:17	22:34	Importance=B7	Qual=01														
HXRBS	22:11:14	22:11:20	22:13:09	Peak...c/s=50	Qual=01	Tot Cts=412													
BCS	22:14	22:14	22:20	CaPeak.c/s=24	Qual=1	FePeak=22:14													
FCS																			
UVSP	21:54			Wavelength=2788A	Code=00	Exp #=56872													
Event # = 8660																			
87/10/05, 21:38	Start	DOY=278	Peak	SMM Pointing:	S20W24														
Optical				Ha...Class=SB	N35E32	AR4862													
GOES	21:30	21:38	21:47	Importance=C2	Qual=01														
HXRBS	21:28:47	21:32:47	21:40:05	Peak...c/s=93	Qual=01	Tot Cts=6380													
UVSP	21:27			Wavelength=2788A	Code=00	Exp #=56896													
Radio				Frequency(MHz)/Flux(sfu):	245/230	410/150	606/80	1415/64											
Event # = 8593																			
87/10/07, 00:57	Start	DOY=280	Peak	SMM Pointing:	N30W17														
Optical				Ha...Class=SF	N13E16	AR4862													
GOES	00:52	00:57	01:16	Importance=B8	Qual=03														
HXRBS	00:53:47	00:54:13	00:54:41	Peak...c/s=72	Qual=01	Tot Cts=2668													
UVSP	00:58			Wavelength=2788A	Code=02	Exp #=56925													
Radio				Frequency(MHz)/Flux(sfu):	245/4900														
Event # = 8594																			
87/10/09, 02:30	Start	DOY=282	Peak	SMM Pointing:	N32W06														
Optical				Ha...Class=SF	N32W09	AR4862													
GOES	02:19	02:30	02:38	Importance=B5	Qual=01														
HXRBS	02:22:54	02:23:12	02:25:42	Peak...c/s=78	Qual=02	Tot Cts=1131													
UVSP	03:11			Wavelength=2788A	Code=02	Exp #=56980													
Radio				Frequency(MHz)/Flux(sfu):	245/180														
Event # = 8595																			
87/10/10, 02:33	Start	DOY=283	Peak	SMM Pointing:	N21E77														
Optical				Ha...Class=SF	N21E77														
GOES	02:27	02:33	02:56	Importance=B7	Qual=04														
HXRBS	02:28:18	02:28:34	02:28:54	Peak...c/s=51	Qual=01	Tot Cts=217													
BCS	02:31	02:31	02:34	CaPeak.c/s=18	Qual=5	FePeak=02:33													
FCS																			
UVSP	02:44			Wavelength=2788A		Exp #=57006													

87/10/11		DOY=284		87/10/12		DOY=285		87/10/13		DOY=286		87/10/14		DOY=287		87/10/14		DOY=288	
Event # = 8596	87/10/11, 00:10	DOY=284	Peak	SMM Pointing:	N21E55	End times													
GOES	00:06	00:10	00:14	Importance=86	Qual=01	00:14													
HXRBS	00:07:20	00:07:45	00:08:25	Peak...c/s=105	Qual=01	00:08:25													
BCS	00:09	00:09	00:11	CaPeak.c/s=27	Qual= 1	00:11													
UVSP	23:44			Wavelength=2788A															
Event # = 8597	87/10/11, 16:00	DOY=284	Peak	SMM Pointing:	N21E56	End times													
HXRBS	16:00:39	16:00:57	16:01:24	Peak...c/s=125	Qual=01	16:01:24													
UVSP	16:25			Wavelength=2788A															
Event # = 12764	87/10/12, 12:39	DOY=285	Peak	SMM Pointing:	N21E45	End times													
HXRBS	12:39:40	12:39:41	12:39:44	Peak...c/s=49	Qual=01	12:39:44													
UVSP	12:49			Wavelength=2788A															
Event # = 21411	87/10/12, 22:16	DOY=285	Peak	SMM Pointing:	N21E40	End times													
Optical																			
GOES	22:11	22:16	22:28	Ha...Class=SN	N22E42	22:28													
BCS	22:15	22:15	22:18	Importance=87	Qual=03	22:18													
FCS				CaPeak.c/s=26	Qual= 1														
UVSP	22:14			Wavelength=2788A	Code=00														
Radio	Frequency(MHz)/Flux(sfu):	245/74																	
Event # = 8599	87/10/13, 21:30	DOY=286	Peak	SMM Pointing:	N21E27	End times													
Optical																			
GOES	21:25	21:30	21:45	Ha...Class=SF	N18E29	21:45													
HXRBS	21:25:48	21:26:07	21:26:20	Importance=86	Qual=01	21:26:20													
UVSP	21:48			Peak...c/s=69	Qual=01														
				Wavelength=2788A															
Event # = 8600	87/10/14, 07:14	DOY=287	Peak	SMM Pointing:	N21E22	End times													
GOES	07:12	07:14	07:20	Importance=83	Qual=01	07:20													
HXRBS	07:12:14	07:12:26	07:12:35	Peak...c/s=69	Qual=01	07:12:35													
UVSP	06:31			Wavelength=2788A	Code=00														
Event # = 21412	87/10/14, 19:53	DOY=287	Peak	SMM Pointing:	N21E15	End times													
GOES	19:53	19:53	19:55	CaPeak.c/s=21	Qual=00	19:55													
BCS	19:53	19:53	19:55	Wavelength=2788A	Qual= 5														
UVSP	19:46																		

Event # = 8601		87/10/15		DOY=288	
87/10/15, 11:12	Start	DOY=288	N21E07	Pitch=-251", Yaw=+107", Roll=0deg	H. Ang=16deg
Optical	End times	SMM Pointing:	AR4866	Mac.=CKI	H. Ang=13deg
GOES 11:05	11:32	Ha...Class=SB		MaxkeV=98	XEN=72800
HXRBS 11:07:11	11:12:45	Importance=C5	Tot Cts=10353	FePeak.c/s=66	0.256s/pixel
BCS 11:07	11:20	Peak...c/s=349	FePeak=11:11	Rast=0"x0"	Pitch=-117", Yaw=+28"
FCS		CaPeak.c/s=250	Exp #=57161	Step=0"	
UVSP 11:29		Wavelength=2788A		Step=0"	
Event # = 8602		87/10/16		DOY=289	
87/10/16, 06:26	Start	DOY=289	N21W03	Pitch=-252", Yaw=-54", Roll=0deg	H. Ang=16deg
Optical	End times	SMM Pointing:		MaxkeV=69	
GOES 06:22	06:30	Importance=B9	Tot Cts=362	Rast=30"x30"	Pitch=-228", Yaw=-76"
HXRBS 06:23:01	06:23:48	Peak...c/s=62	Exp #=57197	Step=0"	
UVSP 06:18		Wavelength=1375A	Exp #=57206		
Radio	Frequency (MHz)/Flux(sfu):	410/40 1415/44 2695/28 4995/19 8800/24			
Event # = 8603		87/10/16		DOY=289	
87/10/16, 09:19	Start	DOY=289	N21W05	Pitch=-252", Yaw=-80", Roll=0deg	H. Ang=16deg
Optical	End times	SMM Pointing:	AR4870	Mac.=DS0	H. Ang=38deg
GOES 09:15	09:29	Ha...Class=SF		MaxkeV=69	
HXRBS 09:16:21	09:19:58	Importance=C2	Tot Cts=1820	Rast=180"x1"	Pitch=-118", Yaw=-159"
UVSP 09:28		Peak...c/s=88	Exp #=57206	Step=0"	
Radio	Frequency (MHz)/Flux(sfu):	1415/20 2695/25			
Event # = 21413		87/10/16, 10:33		DOY=289	
87/10/16, 10:33	Start	DOY=289	N21W06	Pitch=-252", Yaw=-94", Roll=0deg	H. Ang=16deg
Optical	End times	SMM Pointing:		FePeak.c/s=6	XEN=728900
GOES 10:27	10:43	Importance=B9	Qual=01	Rast=0"x0"	0.256s/pixel
BCS 10:36	10:38	CaPeak.c/s=21	Qual=5	Step=0"	Pitch=-118", Yaw=-173"
FCS		Wavelength=2788A	Exp #=57208		
UVSP 11:01					
Event # = 8604		87/10/16, 15:07		DOY=289	
87/10/16, 15:07	Start	DOY=289	N21W08	Pitch=-254", Yaw=-133", Roll=0deg	H. Ang=17deg
Optical	End times	SMM Pointing:	AR4866	Mac.=EKI	H. Ang=13deg
GOES 15:02	15:13	Ha...Class=SF		MaxkeV=98	XEN=728901
HXRBS 15:04:31	15:05:31	Importance=B7	Tot Cts=3282	FePeak.c/s=9	0.256s/pixel
BCS 15:06	15:09	Peak...c/s=259	FePeak=15:06	Rast=0"x0"	Pitch=-120", Yaw=-203"
FCS		CaPeak.c/s=25	Exp #=57213	Step=0"	
UVSP 14:45		Wavelength=2788A			
Radio	Type/Intensity:	V/I			
Radio	Frequency (MHz)/Flux(sfu):	1415/43 2695/36 4995/41			
Event # = 21414		87/10/16, 17:19		DOY=289	
87/10/16, 17:19	Start	DOY=289	N21W09	Pitch=-254", Yaw=-146", Roll=0deg	H. Ang=18deg
Optical	End times	SMM Pointing:		FePeak.c/s=8	XEN=728902
GOES 17:05	17:51	Importance=C1	Qual=03	Rast=0"x0"	0.256s/pixel
BCS 17:11	17:21	CaPeak.c/s=24	Qual=4	Step=0"	Pitch=-120", Yaw=-224"
FCS		Wavelength=2788A	Exp #=57216		
UVSP 17:18					

87/10/17		DOY=290	
Event # = 8627	87/10/17, 22:43	DOY=290	DOY=290
Optical	Start	Peak	
Optical	End times		
GOES	22:36	22:43	
HXRBS	22:36:01	22:40:15	
UVSP	23:09	22:42:40	
SMM Pointing: N21W25			
Ha...Class=IM			
Ha...Class=SF			
Importance=C8			
Peak...c/s=68			
Wavelength=2788A			
Tot Cts=2970			
Exp #=57284			
Pitch=-263", Yaw=-385", Roll=0deg			
Mac.=DSO			
Carr. Lon.=207deg			
H. Ang=29deg			
Carr. Lon.=235deg			
H. Ang=49deg			
H. Ang=73deg			
Flags=I			
Step=0" Pitch=-129", Yaw=-211"			
Rast=180"x1"			
MaxkeV=69			
Step=0"			
Pitch=-265", Yaw=-436", Roll=0deg			
H. Ang=32deg			
Mac.=DAI			
Carr. Lon.=191deg			
H. Ang=31deg			
Flags=ND			
#Peaks=1 dt= 7.7s			
XEN=729100			
Step=0" Cad=.26s			
0.256s/pixel			
Step=0" Pitch=-252", Yaw=-408"			
Rast=30"x30"			
Exp #=57316			
Code=00			
Wavelength=1375A			
Event # = 8606			
87/10/18, 17:53			
DOY=291			
Peak			
Start			
End times			
Optical			
GOES			
HXRBS			
BCS			
FCS			
UVSP			
SMM Pointing: N21W36			
Ha...Class=SN			
Importance=C1			
Peak...c/s=62			
CaPeak.c/s=31			
Qual=03			
Qual=01			
Qual=3			
Tot Cts=3792			
FePeak=05:26			
Code=02			
Wavelength=2788A			
Event # = 8607			
87/10/18, 17:53			
DOY=291			
Peak			
Start			
End times			
Optical			
GOES			
HXRBS			
UVSP			
SMM Pointing: N21W37			
Ha...Class=SF			
Importance=C1			
Peak...c/s=76			
Wavelength=2788A			
Qual=01			
Qual=01			
Code=02			
Tot Cts=165			
Exp #=57320			
Code=00			
Wavelength=1375A			
Event # = 8608			
87/10/18, 20:39			
DOY=291			
Peak			
Start			
End times			
Optical			
GOES			
HXRBS			
UVSP			
SMM Pointing: N21W37			
Ha...Class=SF			
Importance=C1			
Peak...c/s=54			
Wavelength=2788A			
Qual=01			
Qual=01			
Code=02			
Tot Cts=350			
Exp #=57323			
Code=00			
Wavelength=1375A			
Event # = 8607			
87/10/19, 15:16			
DOY=292			
Peak			
Start			
End times			
Optical			
GOES			
HXRBS			
UVSP			
SMM Pointing: N06W00			
Ha...Class=SF			
Importance=C1			
Peak...c/s=64			
Wavelength=2788A			
Qual=00			
Qual=01			
Code=00			
Tot Cts=604			
Exp #=57375			
Code=00			
Wavelength=1375A			
Event # = 8608			
87/10/19, 23:36			
DOY=292			
Peak			
Start			
End times			
Optical			
GOES			
HXRBS			
UVSP			
SMM Pointing: N21W52			
Ha...Class=SF			
Importance=C6			
Peak...c/s=89			
Wavelength=2788A			
Qual=01			
Qual=01			
Code=00			
Tot Cts=788			
Exp #=57377			
Code=00			
Wavelength=1375A			

87/10/20		DOY=293		87/10/21		DOY=294		87/10/30		DOY=303	
Event # = 8609											
87/10/20,04:01	DOY=293										
Start	Peak	SMM Pointing:	N21W54	Importance=C1	Qual=01	Importance=C1	Qual=01	Importance=B3	Qual=01	Importance=C1	Qual=01
03:56	04:01	Peak...c/s=105	Qual=01	Peak...c/s=104	Qual=01	Peak...c/s=51	Qual=01	Peak...c/s=55	Qual=01	Peak...c/s=55	Qual=01
HXRBS 03:58:43	03:59:09	Wavelength=1375A	Code=00	Wavelength=1375A	Code=00	Wavelength=2788A	Code=00	Wavelength=2788A	Code=01	Wavelength=2788A	Code=01
UVSP 03:55											
87/10/20,08:47		DOY=293		87/10/21,08:55		DOY=294		87/10/30,15:03		DOY=303	
Start	Peak	Start	Peak	Start	Peak	Start	Peak	Start	Peak	Start	Peak
08:43	08:47	08:43	08:47	08:49	08:55	10:07	10:27	22:17	22:19	15:02	15:03
HXRBS 08:43:20	08:45:01	HXRBS 08:43:20	08:45:01	HXRBS 08:48:38	08:49:26	HXRBS 08:48:38	08:49:32	HXRBS 22:17:12	22:17:48	HXRBS 15:02:01	15:03:42
UVSP 08:44		UVSP 08:44		UVSP 08:50		UVSP 10:25		UVSP 21:59		UVSP 14:50	
87/10/20,08:47		DOY=293		87/10/21,10:27		DOY=294		87/10/21,22:19		DOY=303	
Start	Peak	Start	Peak	Start	Peak	Start	Peak	Start	Peak	Start	Peak
08:43	08:47	10:07	10:27	10:24	10:25	19:06:54	19:07:02	22:17	22:19	15:02	15:03
HXRBS 08:43:20	08:45:01	BGS 10:24	10:25	FCS 10:25		HXRBS 19:06:54	19:07:02	HXRBS 22:17:12	22:17:48	HXRBS 15:02:01	15:03:42
UVSP 08:44		UVSP 10:25		UVSP 10:25		UVSP 18:50		UVSP 21:59		UVSP 14:50	
87/10/20,08:47		DOY=293		87/10/21,10:27		DOY=294		87/10/21,22:19		DOY=303	
Start	Peak	Start	Peak	Start	Peak	Start	Peak	Start	Peak	Start	Peak
08:43	08:47	10:07	10:27	10:24	10:25	19:06:54	19:07:02	22:17	22:19	15:02	15:03
HXRBS 08:43:20	08:45:01	BGS 10:24	10:25	FCS 10:25		HXRBS 19:06:54	19:07:02	HXRBS 22:17:12	22:17:48	HXRBS 15:02:01	15:03:42
UVSP 08:44		UVSP 10:25		UVSP 10:25		UVSP 18:50		UVSP 21:59		UVSP 14:50	

Event # = 8654		87/11/01		DOY=305	
87/11/01,20:49	Start	S28W02	Pointing:	Pitch=+520",Yaw=-34",Roll=0deg	H.Ang=33deg
DOY=305	Peak	Qual=01	Importance=C2	MaxkeV=128	Flags=I
20:49	21:06	Qual=01	Peak...c/s=221	Rast=180"x1"	Step=0"
20:45	20:46:39		Wavelength=2788A		
Radio Frequency(MHz)/Flux(sfu): 245/180					
Event # = 8655					
87/11/01,22:13	Start	S28W03	Pointing:	Pitch=+517",Yaw=-44",Roll=0deg	H.Ang=32deg
DOY=305	Peak	S25E90	Ha...Class=SF	Mac.=CS0	Carr.Lon.=240deg
22:07	22:23	Qual=01	Importance=C1	MaxkeV=98	Flags=I
22:10:26	22:11:33	Qual=01	Peak...c/s=111	Rast=180"x1"	Step=0"
21:46			Wavelength=2788A		
Radio Frequency(MHz)/Flux(sfu): 245/180					
Event # = 8615					
87/11/02,14:00	Start	S28W12	Pointing:	Pitch=+515",Yaw=-174",Roll=0deg	H.Ang=34deg
DOY=306	Peak	S23E65	Ha...Class=SB	Mac.=CS0	Carr.Lon.=256deg
13:48	14:00	N27W38	Ha...Class=SF	MaxkeV=70	Flags=IS
13:52:27	13:55:27	Qual=02	Importance=C7	Rast=180"x1"	Step=0"
14:26		Qual=11	Peak...c/s=62		
Radio Frequency(MHz)/Flux(sfu): 245/220 410/16					
Event # = 21416					
87/11/02,18:13	Start	S23E64	Pointing:	Pitch=+413",Yaw=+799",Roll=0deg	H.Ang=68deg
DOY=306	Peak	S23E57	Ha...Class=LB	Mac.=CS0	Carr.Lon.=262deg
18:08	18:13	Qual=05	Importance=C8	FePeak.c/s=7	#Peaks=1 dt= 7.7s
18:19	18:20	Qual= 4	CaPeak.c/s=39	Rast=0"x0"	Cad=.26s
18:20			Wavelength=2788A	Rast=15"x15"	Pitch=+421",Yaw=+805"
Radio Frequency(MHz)/Flux(sfu): 2695/42					
Event # = 8617					
87/11/03,02:18	Start	S23E60	Pointing:	Pitch=+417",Yaw=+767",Roll=0deg	H.Ang=64deg
DOY=307	Peak	Qual=01	Importance=B9	MaxkeV=98	Step=0"
02:16	02:21	Qual=01	Peak...c/s=153	Rast=180"x1"	
02:16:21	02:18:16	Code=01	Wavelength=2788A		
02:01		Code=01	III/2		
Radio Frequency(MHz)/Flux(sfu): 2695/42					
Event # = 21417					
87/11/03,04:05	Start	S23E58	Pointing:	Pitch=+419",Yaw=+756",Roll=0deg	H.Ang=63deg
DOY=307	Peak	Qual=01	Importance=C1	FePeak.c/s=7	#Peaks=1 dt= 7.7s
03:59	04:05	Qual= 1	CaPeak.c/s=35	Rast=0"x0"	Cad=.26s
04:02	04:09		Wavelength=2788A	Rast=180"x1"	Pitch=+298",Yaw=+684"
03:35					

Event # = 8618
 87/11/03, 04:14 DOY=307 SMM Pointing: S23E58 Pitch=+419", Yaw=+756", Roll=0deg H. Ang=63deg
 Start Peak End times
 HXRBS 04:14:53 04:14:57 04:15:11 Qual=01 Tot Cts=914 MaxkeV=286 Flags=NS,GB
 UVSP 04:34 Wavelength=2788A Exp #=57801 Rast=180"x1" Step=0" Pitch=+298", Yaw=+680"

Event # = 8616
 87/11/03, 05:37 DOY=307 SMM Pointing: S23E57 Pitch=+420", Yaw=+746", Roll=0deg H. Ang=62deg
 Start Peak End times
 GOES 05:33 05:37 05:42 Qual=01 MaxkeV=70
 HXRBS 05:34:49 05:35:16 05:35:39 Qual=01 Rast=180"x1" Step=0" Pitch=+299", Yaw=+677"
 UVSP 05:10 Wavelength=2788A Tot Cts=335
 Type/Intensity: Exp #=57802
 III/1
 Radio Sweeps
 Frequency (MHz)/Flux(sfu): 245/430

87/11/04 DOY=308

Event # = 8619
 87/11/04, 08:08 DOY=308 SMM Pointing: N28W58 Pitch=-421", Yaw=-728", Roll=0deg H. Ang=60deg
 Start Peak End times
 Optical Ha...Class=SF N31W66 Carr. Lon.=4deg H. Ang=67deg
 GOES 08:00 08:08 08:27 Qual=01
 HXRBS 08:03:46 08:03:55 08:04:16 Qual=01 Tot Cts=378 #Peaks=1 dt= 7.7s XEN=730800
 BCS 08:05 08:07 08:11 Qual= 1 FePeak=08:05 Step=0" Cad=.26s 0.256s/pixel
 FCS Wavelength=2788A Code=01 Exp #=57851 Step=0" Pitch=-287", Yaw=-543"
 UVSP 07:52

Event # = 8620
 87/11/04, 09:41 DOY=308 SMM Pointing: N28W58 Pitch=-421", Yaw=-728", Roll=0deg H. Ang=60deg
 Start Peak End times
 GOES 09:40 09:41 09:50 Qual=01
 HXRBS 09:41:38 09:41:49 09:42:54 Qual=01 Tot Cts=781 MaxkeV=98
 UVSP 09:27 Wavelength=2788A Code=01 Exp #=57853 Rast=180"x1" Step=0" Pitch=-288", Yaw=-550"

Event # = 8622
 87/11/04, 17:20 DOY=308 SMM Pointing: N28W62 Pitch=-426", Yaw=-758", Roll=0deg H. Ang=64deg
 Start Peak End times
 Optical Ha...Class=SF N28W57 Carr. Lon.=350deg H. Ang=59deg
 GOES 17:05 17:20 17:53 Qual=05 MaxkeV=70 Flags=SN
 HXRBS 17:20:59 17:21:27 17:23:25 Qual=02 Tot Cts=949 FePeak.c/s=123 dt= 3.8s XEN=730801
 BCS 17:22 17:23 17:36 Qual= 4 FePeak=17:23 Step=0" Cad=.26s 0.256s/pixel
 FCS Wavelength=1375A Code=02 Exp #=57863 Step=10" Pitch=-417", Yaw=-754"
 UVSP 17:23 Type/Intensity: III/2 Associated Event # = 21418
 Radio Sweeps CaPeak.c/s=40 Qual= 5 FePeak=17:36
 BCS 17:36 17:36 17:40 CaPeak.c/s=6 #Peaks=1 dt= 7.7s XEN=730802
 FCS Wavelength=1375A Rast=0"x0" Step=0" Cad=.26s 0.256s/pixel
 UVSP 17:24 Wavelength=1375A Exp #=57864 Step=0" Pitch=-462", Yaw=-799"

Event # = 21419
 87/11/04, 20:53 DOY=308 SMM Pointing: N32W63 Pitch=-484", Yaw=-732", Roll=0deg H. Ang=65deg
 Start Peak End times
 Optical Ha...Class=SF N30W72 Carr. Lon.=3deg H. Ang=72deg
 GOES 20:30 20:53 21:44 Qual=03 MaxkeV=70 dt= 7.7s XEN=730803
 BCS 20:45 20:54 21:05 Qual= 4 FePeak=20:46 Step=0" Cad=.26s 0.256s/pixel
 FCS Wavelength=1375A Code=00 Exp #=57876 Step=0" Pitch=-412", Yaw=-801"
 UVSP 20:46

Event # = 21420
 87/11/04, 23:31 DOY=308
 Start Peak End times
 Optical
 GOES 23:20 23:31 00:06
 BCS 23:39 23:41 23:57
 FCS
 UVSP 23:39
 Radio Sweeps
 Radio Frequency (MHz)/Flux(sfu): 4995/23 8800/26 15400/15

SMM Pointing: N32W64
 Ha...Class=SF
 Importance=M2
 CaPeak.c/s=274
 Wavelength=1375A
 I1/2 I1/3
 4995/23 8800/26 15400/15

Pointing: Pitch=-487", Yaw=-742", Roll=0deg
 Mac.=EAI Carr. Lon.=352deg
 FePeak.c/s=31 #Peaks=1 dt= 3.8s
 Rast=0"x0" Step=0" Cad=.26s
 Rast=280"x280" Step=10" Pitch=-478", Yaw=-735"

AR4875
 FePeak=23:39
 Exp #=57887

H. Ang=66deg
 H. Ang=63deg
 XEN=730804
 0.256s/pixel
 Yaw=-735"

87/11/05 DOY=309
 Event # = 8623
 87/11/05, 05:03 DOY=309
 Start Peak End times
 Optical
 GOES 04:50 05:03 05:40
 HXRBS 04:55:34 04:56:17 05:10:48
 BCS 04:57 05:02 05:17
 FCS
 UVSP 05:15
 Radio Sweeps
 Radio Frequency (MHz)/Flux(sfu): 245/25 2695/26 4995/110 8800/74 15400/84
 Associated Event # = 21421
 Qual= 5 FePeak=05:18

SMM Pointing: N32W68
 Ha...Class=SF
 Importance=M3
 Peak...c/s=3075
 CaPeak.c/s=2066
 Wavelength=2788A
 I1/3 V/3
 245/25 2695/26 4995/110 8800/74 15400/84

Pointing: Pitch=-490", Yaw=-762", Roll=0deg
 Mac.=EKI Carr. Lon.=360deg
 MaxkeV=251
 FePeak.c/s=733 #Peaks=1 dt= 3.8s
 Rast=0"x0" Step=0" Cad=.26s
 Rast=180"x1" Step=0" Pitch=-356", Yaw=-578"

AR4875
 Tot Cts=3.33E+5
 FePeak=05:01
 Exp #=57900

H. Ang=69deg
 H. Ang=73deg
 XEN=730900
 0.256s/pixel
 Yaw=-578"

Event # = 8624
 87/11/05, 09:44 DOY=309
 Start Peak End times
 Optical
 GOES 09:41 09:44 09:49
 HXRBS 09:41:59 09:42:53 09:43:27
 UVSP 09:56

SMM Pointing: N32W70
 Ha...Class=SF
 Importance=B7
 Peak...c/s=96
 Wavelength=2788A

Pointing: Pitch=-492", Yaw=-772", Roll=0deg
 Mac.=DSI Carr. Lon.=248deg
 MaxkeV=98
 Rast=180"x1" Step=0" Pitch=-358", Yaw=-591"

AR4883
 Tot Cts=11135
 Exp #=57906

H. Ang=71deg
 H. Ang=43deg

Event # = 8625
 87/11/05, 18:51 DOY=309
 Start Peak End times
 GOES 18:12 18:51 19:09
 HXRBS 18:44:57 18:45:07 18:45:49
 BCS 18:34 18:49 18:55
 FCS
 UVSP

SMM Pointing: N32W74
 Importance=C1
 Peak...c/s=64
 CaPeak.c/s=45

Pointing: Pitch=-497", Yaw=-790", Roll=0deg
 MaxkeV=70
 FePeak.c/s=10 #Peaks=1 dt= 7.7s
 Rast=0"x0" Step=0" Cad=.26s
 Pitch=-463", Yaw=-839"

XEN=730902
 0.256s/pixel

Event # = 8626
 87/11/05, 23:41 DOY=309
 Start Peak End times
 Optical
 GOES 23:24 23:41 00:07
 HXRBS 23:33:00 23:35:52 23:43:24
 UVSP 23:31
 Radio Sweeps
 Radio Frequency (MHz)/Flux(sfu): 2695/19 4995/22 8800/29

SMM Pointing: N04W00
 Ha...Class=SF
 Importance=M2
 Peak...c/s=1739
 Wavelength=2788A
 I1/2 I1/3 V/3
 2695/19 4995/22 8800/29

Pointing: Pitch="+0", Yaw="+5", Roll=0deg
 Mac.=EKI Carr. Lon.=352deg
 MaxkeV=251
 Rast=243"x243" Step=3" Pitch="+7", Yaw="+980"

AR4875
 Tot Cts=1.41E+5
 FePeak=18:49
 Exp #=57937

H. Ang=0deg
 H. Ang=75deg

Event # = 8637		87/11/18		DOY=322		DOY=322	
Start	End times	SMM Pointing:	Peak	Code	Exp	Code	Exp
Optical		Ha...Class=SB	S24W00	S24W07	AR4890	S24W01	AR4890
GOES 03:15	03:27	Importance=M1	03:20	Qual=01		S25W00	AR4890
HXRBS* 03:15:45	03:21:44	CaPeak.c/s=739	03:18:21	Qual=01	Tot Cts=31387	Qual=5	FePeak=06:54
BCS 03:17	03:24	CaPeak.c/s=565	03:19	Qual=1	FePeak=03:19	Code=00	Exp #=58421
FCS						Code=00	Exp #=58421
UVSP 03:05		WaveLength=2788A				Code=00	Exp #=58421
Radio Sweeps		II/2, III/3				Code=00	Exp #=58421
Radio Frequency (MHz)/Flux(sfu):		245/780 410/64 606/606 1415/22 8800/34					
Event # = 21422							
Start	End times	SMM Pointing:	Peak	Code <th>Exp</th> <th>Code</th> <th>Exp</th>	Exp	Code	Exp
Optical		Ha...Class=SF	S24W05	S24W05	AR4891	S24W05	AR4891
GOES 06:30	07:12	Importance=B7	06:56	Qual=01		S21E53	AR4891
BCS 06:54	06:57	CaPeak.c/s=18	06:54	Qual=5	FePeak=06:54	Qual=03	AR4891
FCS						Qual=01	AR4891
UVSP 06:36		WaveLength=2788A				Code=00	AR4891
Radio Sweeps		III/2				Code=00	AR4891
Radio Frequency (MHz)/Flux(sfu):		410/45					
Event # = 8638							
Start	End times	SMM Pointing:	Peak	Code <th>Exp</th> <th>Code</th> <th>Exp</th>	Exp	Code	Exp
Optical		Ha...Class=SF	S24W05	S24W05	AR4891	S24W05	AR4891
GOES 13:30	13:39	Importance=B8	13:33	Qual=03		S21E53	AR4891
HXRBS* 13:30:34	13:31:12	Peak...c/s=193	13:31:12	Qual=01	Tot Cts=1509	Qual=01	AR4891
UVSP 13:28		WaveLength=2788A			Exp #=58428	Code=00	AR4891
Radio Sweeps		III/3				Code=00	AR4891
Radio Frequency (MHz)/Flux(sfu):		410/45					
Event # = 8639							
Start	End times	SMM Pointing:	Peak	Code <th>Exp</th> <th>Code</th> <th>Exp</th>	Exp	Code	Exp
Optical		Ha...Class=SF	N02W00	N02W00	AR4890	N02W00	AR4890
GOES 17:25	17:35	Importance=B7	17:31	Qual=01		S25W09	AR4890
HXRBS* 17:28:44	17:29:46	Peak...c/s=104	17:29:46	Qual=01	Tot Cts=3626	Qual=01	AR4890
UVSP 17:12		WaveLength=2788A			Exp #=58433	Code=01	AR4890
Radio Sweeps		V/2				Code=01	AR4890
Radio Frequency (MHz)/Flux(sfu):		245/230 410/140 606/28					
Event # = 8640							
Start	End times	SMM Pointing:	Peak	Code <th>Exp</th> <th>Code</th> <th>Exp</th>	Exp	Code	Exp
Optical		Importance=B4	N02W00	N02W00	AR4890	N02W00	AR4890
GOES 01:33	01:37	Peak...c/s=223	01:35	Qual=01		S25W09	AR4890
HXRBS* 01:33:28	01:33:32	WaveLength=2788A	01:33:32	Qual=01	Tot Cts=901	Qual=01	AR4890
UVSP 01:03		245/710			Exp #=58442	Code=00	AR4890
Radio Frequency (MHz)/Flux(sfu):		245/710					

Event # = 8646
 87/11/20, 21:14 DOY=324 Peak S23E28 SMM Pointing: Pitch=+409", Yaw=+423", Roll=0deg H. Ang=37deg
 Start End times
 GOES 21:12:42 21:14:33 21:17:23 Qual=00
 HXRBS Peak...c/s=108 Tot Cts=12723 MaxkeV=128
 UVSP Wavelength=2788A Exp #=58506 Rast=180"x1" Step=0" Pitch=+289", Yaw=+353"

Event # = 8647
 87/11/20, 23:44 DOY=324 Peak S21E23 SMM Pointing: Pitch=+379", Yaw=+357", Roll=0deg H. Ang=32deg
 Start End times
 Optical
 GOES 23:29 23:44 00:27 S21E25 Ha...Class=1N Carr. Lon.=54deg H. Ang=34deg
 HXRBS 23:28:46 23:33:57 23:37:06 S21E25 Qual=03 AR4891
 BCS 23:31 23:36 23:37 Qual=01 Tot Cts=40851 MaxkeV=128
 FCS CaPeak.c/s=270 Qual=1 FePeak=23.36 FePeak.c/s=78 dt= 3.8s XEN=732402
 UVSP Type/Intensity: Wavelength=1375A Code=01 Exp #=58515 Rast=0"x0" Cad=.26s 0.256s/pixel
 Radio Sweeps III/3 III/3 IV/1 Rast=10"x10" Pitch=+368", Yaw=+344"
 Radio Frequency (MHz)/Flux(sfu): 410/85 606/100 1415/160 2695/61 4995/33 8800/32
 BCS 00:15 00:17 01:10 CaPeak.c/s=322 Associated Event # = 21424 #Peaks=1 dt= 3.8s XEN=732500
 FCS Type/Intensity: Wavelength=1375A Qual=4 FePeak=00.17 Rast=0"x0" Cad=.26s 0.256s/pixel
 UVSP Wavelength=1375A Exp #=58516 Rast=265"x265" Pitch=+387", Yaw=+356"

Event # = 21425
 87/11/21, 15:56 DOY=325 87/11/21 DOY=325
 Start End times
 Optical
 GOES 15:44 15:56 16:17 S23E14 S23E17 S23E17 H. Ang=27deg
 BCS 15:55 15:55 16:01 Qual=05 AR4891 Carr. Lon.=53deg H. Ang=30deg
 FCS CaPeak.c/s=20 Qual=5 FePeak=15.55 #Peaks=1 dt= 7.7s XEN=732501
 UVSP Wavelength=2788A Code=00 Exp #=58556 Rast=180"x1" Step=0" Pitch=+259", Yaw=+146"

Event # = 8648
 87/11/21, 18:08 DOY=325 Peak S21E13 SMM Pointing: Pitch=+381", Yaw=+204", Roll=0deg H. Ang=26deg
 Start End times
 Optical
 GOES 17:54 18:08 18:42 S23E16 S23E16 Ha...Class=2B Carr. Lon.=53deg H. Ang=30deg
 HXRBS 17:56:32 18:01:17 18:12:24 S23E16 Qual=03 AR4891
 BCS 17:56 18:06 18:27 Qual=11 Tot Cts=2.20E+5 MaxkeV=587 dt= 7.7s XEN=732502
 FCS CaPeak.c/s=2269 Qual=1 FePeak=18:05 Rast=0"x0" Cad=.26s 0.256s/pixel
 UVSP Type/Intensity: Wavelength=2788A Exp #=58559 Rast=180"x1" Step=0" Pitch=+259", Yaw=+125"
 Radio Sweeps III/3 IV/3
 Radio Frequency (MHz)/Flux(sfu): 245/7800 410/51000 606/150 1415/140 2695/80 4995/170 8800/270 15400/130

Event # = 21426
 87/11/21, 19:05 DOY=325 Peak S21E12 SMM Pointing: Pitch=+380", Yaw=+190", Roll=0deg H. Ang=26deg
 Start End times
 GOES 19:03 19:05 19:49 Qual=00
 BCS CaPeak.c/s=68 Qual=4 FePeak=19:07 dt= 7.7s XEN=732503
 FCS Wavelength=2788A Exp #=58560 Rast=180"x1" Step=0" Pitch=+259", Yaw=+119"
 UVSP Wavelength=2788A

Event # = 21427	DOY=325	S24E13	SMM Pointing:	Pitch=+426", Yaw=+202", Roll=0deg	H. Ang=29deg
87/11/21, 20:45	Peak		Importance=C1		
GOES 20:41	20:45	Qual=01	CaPeak.c/s=20	#Peaks=1 dt= 7.7s	XEN=732504
BCS 20:44	20:45	Qual= 4	Wavelength=1375A	Step=0" Cad=.26s	0.256s/pixel
FCS				Step=0" Pitch=+375", Yaw=+164"	
UVSP 20:43					
87/11/22 DOY=326					
Event # = 8649	DOY=326	S24E10	SMM Pointing:	Pitch=+426", Yaw=+161", Roll=0deg	H. Ang=28deg
87/11/22, 02:15	Peak		Ha...Class=SF		
Optical		S21E08	Importance=B8	Mac.=EAI Carr. Lon.=56deg	H. Ang=24deg
GOES 02:10	02:15	Qual=03	Peak...c/s=69		
HXRBS 02:11:54	02:12:19	Qual=01	Wavelength=1375A	MaxkeV=70	
UVSP 02:16	02:12:32	Code=02		Rast=10"x10" Step=0" Pitch=+380", Yaw=+118"	
87/11/23 DOY=327					
Event # = 21428	DOY=327	S24W11	SMM Pointing:	Pitch=+424", Yaw=-163", Roll=0deg	H. Ang=28deg
87/11/23, 17:14	Peak		Importance=C1		
GOES 17:06	17:14	Qual=01	CaPeak.c/s=22	#Peaks=1 dt= 7.7s	XEN=732700
BCS 17:13	17:13	Qual= 5	Wavelength=2788A	Step=0" Cad=.26s	0.256s/pixel
FCS				Step=0" Pitch=+302", Yaw=-243"	
UVSP 17:28					
87/11/24 DOY=328					
Event # = 8667	DOY=328	S24W22	SMM Pointing:	Pitch=+421", Yaw=-334", Roll=0deg	H. Ang=33deg
87/11/24, 14:43	Peak		Ha...Class=SF		
Optical		S35W39	Ha...Class=SF	Mac.=DS0 Carr. Lon.=70deg	H. Ang=52deg
GOES 14:39	14:43	S22W23	Importance=B9	Carr. Lon.=54deg	
HXRBS 14:40:16	14:40:36	Qual=01	Peak...c/s=73	Flags=I dt= 7.7s	XEN=732800
BCS 14:43	14:43	Qual= 5	CaPeak.c/s=20	#Peaks=1	
FCS			Wavelength=2788A	Step=0" Cad=.26s	0.256s/pixel
UVSP 14:29	14:29			Step=0" Pitch=+299", Yaw=-156"	
87/11/25 DOY=329					
Event # = 8651	DOY=328	S22W29	SMM Pointing:	Pitch=+387", Yaw=-438", Roll=0deg	H. Ang=37deg
87/11/24, 22:31	Peak		Peak...c/s=78		
GOES 22:29:21	22:31:35	Qual=00	Wavelength=1375A	MaxkeV=98	
HXRBS 22:28	22:33:31	Qual=01		Rast=10"x10" Step=0" Pitch=+411", Yaw=-433"	
UVSP					
87/11/25 DOY=329					
Event # = 8652	DOY=329	S22W39	SMM Pointing:	Pitch=+383", Yaw=-563", Roll=0deg	H. Ang=44deg
87/11/25, 17:17	Peak		Ha...Class=SF		
Optical		S34W61	Importance=B9	Mac.=ESO Carr. Lon.=77deg	H. Ang=67deg
GOES 17:10	17:17	Qual=04	Peak...c/s=67		
HXRBS 17:16:12	17:16:39	Qual=01	Wavelength=2788A	MaxkeV=70	
UVSP 17:09	17:17:05	Code=00		Rast=180"x1" Step=0" Pitch=+262", Yaw=-386"	

Event # = 8653			87/11/26 DOY=330		
87/11/26,03:21 DOY=330			S22W45		
Optical	Start	End times	SMM Pointing:	Pitch=+381",Yaw=-634",Roll=0deg H.Ang=49deg	
GOES	03:12	03:21	Ha...Class=SF	Mac.=CS0	Carr.Lon.=-59deg H.Ang=52deg
HXRBS	03:14:17	03:16:35	Importance=C3	MaxkeV=70	#Peaks=1 dt= 3.8s XEN=733000
BCS	03:13	03:18	Peak...c/s=54	Rast=25"x25"	Cad=25.6s 1.024s/pixel
FCS	03:13	03:23	CaPeak.c/s=99	Step=0"	Step=0"
UVSP	03:21	03:23	Peak3...c/s=341	Wave length=1375A	Code=02 Exp #=58858
Event # = 21429			87/11/26 DOY=330		
87/11/26,12:10 DOY=330			S22W49		
GOES	11:30	12:10	SMM Pointing:	Pitch=+380",Yaw=-678",Roll=0deg H.Ang=53deg	
BCS	12:03	12:09	Importance=C2	FePeak.c/s=10	#Peaks=1 dt= 7.7s XEN=733001
FCS	12:03	12:08	CaPeak.c/s=36	Rast=25"x25"	Cad=25.6s 1.024s/pixel
UVSP	11:58	12:08	Peak3...c/s=156	Step=0"	Step=0"
Event # = 21430			87/11/30 DOY=334		
87/11/30,11:23 DOY=334			S22W84		
GOES	11:02	11:23	SMM Pointing:	Pitch=+368",Yaw=-898",Roll=0deg H.Ang=85deg	
BCS	11:09	11:12	Importance=C1	FePeak.c/s=11	#Peaks=1 dt= 7.7s XEN=733400
FCS	11:09	11:10	CaPeak.c/s=30	Rast=240"x240"	Cad= 590s 1.024s/pixel
UVSP	11:09	11:10	Peak3...c/s=14	Step=0"	Step=0"
Event # = 8656			87/12/03 DOY=337		
87/12/03,12:20 DOY=337			S23W44		
HXRBS	12:20:23	12:20:32	SMM Pointing:	Pitch=+388",Yaw=-620",Roll=0deg H.Ang=49deg	
UVSP	11:56	11:56	Peak...c/s=74	MaxkeV=220	Flags=NS,GB
Event # = 8659			87/12/09 DOY=343		
87/12/09,03:41 DOY=343			S24W39		
GOES	03:41:02	03:41:18	SMM Pointing:	Pitch=+392",Yaw=-560",Roll=0deg H.Ang=44deg	
HXRBS	04:02	03:41:18	Peak...c/s=65	MaxkeV=70	Rast=180"x1" Pitch=+267",Yaw=-436"
UVSP	04:02	03:41:18	Wave length=2788A	Tot Cts=106	Exp #=59553
Event # = 8662			87/12/10 DOY=344		
87/12/10,14:10 DOY=344			S24W57		
Optical	Start	End times	SMM Pointing:	Pitch=+391",Yaw=-753",Roll=0deg H.Ang=60deg	
GOES	14:02	14:10	Importance=C2	Mac.=CS0	Carr.Lon.=195deg H.Ang=39deg
HXRBS	14:03:36	14:04:12	Peak...c/s=71	MaxkeV=70	#Peaks=1 dt=11.3s XEN=734400
BCS	14:07	14:09	CaPeak.c/s=56	Rast=180"x180"	Cad= 332s 1.024s/pixel
FCS	14:16	14:16	Peak3...c/s=259	Step=0"	Step=0"
UVSP	14:33	14:33	Wave length=2788A	Tot Cts=2096	Exp #=59619

Event # = 8663		DOY=344		SMM Pointing:		S24W57		Pitch=+391", Yaw=-753", Roll=0deg		H. Ang=60deg	
87/12/10, 15:51	Start	15:51	Peak	16:21	End times	Qual=01		MaxkeV=70		Step=0"	
GOES		15:51		16:21		Qual=01		Rast=180"x1"		Pitch=+270", Yaw=-579"	
HXRBS		15:24:23		15:27:11		Tot Cts=717		Exp #=59621			
UVSP		16:07				Wavelength=2788A					
Event # = 8678		DOY=344		SMM Pointing:		S24W59		Pitch=+391", Yaw=-763", Roll=0deg		H. Ang=61deg	
87/12/10, 16:57	Start	16:57	Peak	17:14:45	End times	Qual=00		MaxkeV=128		Flags=I	
GOES		16:51:16		17:14:45		Qual=01		Rast=180"x1"		Step=0"	
HXRBS		16:51:16		17:14:45		Tot Cts=8300		Exp #=59622		Pitch=+270", Yaw=-582"	
UVSP		16:40				Wavelength=2788A					
Event # = 21431		DOY=345		SMM Pointing:		S24W68		Pitch=+267", Yaw=+962", Roll=0deg			
87/12/11, 01:00	Start	01:00	Peak	02:27	End times	Qual=03		FePeak.c/s=7		#Peaks=1	
GOES		00:16		02:27		Qual=4		Rast=240"x240"		dt= 7.7s	
BCS		00:38		00:55		Code=00		Rast=265"x265"		Cad= 262s	
FCS		00:45				FePeak=00:54		Step=5"		1.024s/pixel	
UVSP		00:55				Exp #=59650				Pitch=+273", Yaw=+973"	
Event # = 8681		DOY=345		SMM Pointing:		S24W68		Pitch=+392", Yaw=-826", Roll=0deg		H. Ang=69deg	
87/12/11, 10:59	Start	10:59	Peak	11:01:47	End times	Qual=00		MaxkeV=158		Flags=I	
GOES		10:58:29		11:01:47		Qual=01		Rast=180"x1"		Step=0"	
HXRBS		10:58:29		11:01:47		Tot Cts=2470		Exp #=59666		Pitch=+270", Yaw=-649"	
UVSP		10:58				Wavelength=2788A					
Event # = 8682		DOY=345		SMM Pointing:		S24W69		Pitch=+392", Yaw=-836", Roll=0deg		H. Ang=71deg	
87/12/11, 12:37	Start	12:37	Peak	12:38:24	End times	Qual=00		MaxkeV=128		Flags=I, EN	
GOES		12:36:20		12:38:24		Qual=03		Rast=180"x1"		Step=0"	
HXRBS		12:36:20		12:38:24		Tot Cts=4360		Exp #=59668		Pitch=+270", Yaw=-653"	
UVSP		12:33				Wavelength=2788A					
Event # = 8664		DOY=345		SMM Pointing:		S24W69		Pitch=+392", Yaw=-836", Roll=0deg		H. Ang=71deg	
87/12/11, 13:25	Start	13:25	Peak	13:42	End times	Qual=01		MaxkeV=188		Step=0"	
GOES		13:21		13:42		Qual=01		Rast=180"x1"		Pitch=+270", Yaw=-655"	
HXRBS		13:18:46		13:20:20		Tot Cts=4868		Exp #=59669			
UVSP		13:06				Wavelength=2788A					
Event # = 8665		DOY=345		SMM Pointing:		S24W69		Pitch=+392", Yaw=-836", Roll=0deg		H. Ang=71deg	
87/12/11, 14:57	Start	14:57	Peak	14:59:55	End times	Qual=00		MaxkeV=128		Flags=I	
GOES		14:55:39		14:59:55		Qual=01		Rast=180"x1"		Step=0"	
HXRBS		14:55:39		14:59:55		Tot Cts=12618		Exp #=59671		Pitch=+270", Yaw=-659"	
UVSP		14:39				Wavelength=2788A					

87/12/11 DOY=345

87/12/13 DOY=347

Event # = 21432
 87/12/13, 03:49 DOY=347
 Start Peak S35E87 SMM Pointing: H. Ang=87deg
 GOES 03:37 04:07
 BCS 03:49 03:53
 FCS 03:40 03:53
 UVSP 03:48 03:45

Importance=C2
 CaPeak.c/s=56
 Peak3..c/s=250
 Wavelength=2788A
 Code=00 Exp #=59810

Pitch=+559", Yaw=+799", Roll=0deg
 dt= 7.7s XEN=734700
 Cad=99.3s 99.33s/pixel
 Step=0" Pitch=+438", Yaw=+728"

87/12/13 DOY=347

Event # = 21433
 87/12/13, 06:34 DOY=347
 Start Peak S35E87 SMM Pointing: H. Ang=87deg
 GOES 06:22 07:30
 BCS 06:28 06:56
 FCS 06:34 06:34
 UVSP 06:55
 Radio Sweeps

Importance=C2
 CaPeak.c/s=54
 Peak3..c/s=39
 Wavelength=2788A
 Code=00 Exp #=59814

Pitch=+559", Yaw=+799", Roll=0deg
 dt= 7.7s XEN=734701
 Cad= 590s 1.024s/pixel
 Step=0" Pitch=+438", Yaw=+728"

87/12/14 DOY=348

Event # = 8666
 87/12/14, 04:25 DOY=348
 Start Peak S35E87 SMM Pointing: H. Ang=87deg
 Optical
 GOES 04:21 04:25
 HXRBS 04:21:54 04:23:32
 BCS 04:22 04:33
 FCS 04:22 04:24
 UVSP 04:54

Importance=M1
 Peak...c/s=639
 CaPeak.c/s=165
 Peak3..c/s=1377
 Wavelength=2788A
 Code=00 Exp #=59857

Pitch=+559", Yaw=+799", Roll=0deg
 dt= 3.8s XEN=734800
 Cad=25.6s 1.024s/pixel
 Step=5" Pitch=+438", Yaw=+728"

Mac.=EHO
 MaxkeV=188
 FePeak.c/s=157
 Rast=25"x25"
 Rast=180"x1"
 FePeak.c/s=6
 Rast=0"x0"
 FePeak.c/s=26
 Peak3..c/s=215

87/12/14 DOY=348

Event # = 21435
 87/12/14, 21:22 DOY=348
 Start Peak S34E64 SMM Pointing: H. Ang=68deg
 Optical
 GOES 21:12 21:50
 BCS 21:17 21:27
 FCS 21:17 21:27
 UVSP 21:21

Importance=C2
 CaPeak.c/s=51
 Peak3..c/s=13
 Wavelength=1375A
 Code=00 Exp #=59877

Pitch=+547", Yaw=+722", Roll=0deg
 dt= 7.7s XEN=734802
 Cad= 590s 1.024s/pixel
 Step=0" Pitch=+516", Yaw=+774"

Mac.=AXX
 Carr. Lon.=62deg
 FePeak.c/s=9
 Rast=240"x240"
 Rast=10"x10"

87/12/15 DOY=349

Event # = 8683
 87/12/15, 08:59 DOY=349
 Start Peak S34E58 SMM Pointing: H. Ang=64deg
 Optical
 GOES 08:49 09:29
 HXRBS 08:52:24 08:55:28
 BCS 08:56 09:14
 FCS 08:57 09:14
 UVSP 09:09
 Radio Sweeps

Importance=C1
 Peak...c/s=92
 CaPeak.c/s=35
 Peak3..c/s=474
 Wavelength=2788A
 Code=00 Exp #=59909

Pitch=+545", Yaw=+686", Roll=0deg
 dt= 7.7s XEN=734900
 Cad= 147s 1.024s/pixel
 Step=0" Pitch=+425", Yaw=+605"

Mac.=EHO
 Carr. Lon.=60deg
 MaxkeV=99
 FePeak.c/s=13
 Rast=120"x120"
 Rast=180"x1"

87/12/17		DOY=351					
Event # = 8668							
87/12/17, 07:56	Start	DOY=351	Peak	S34E34	SMM Pointing:	Pitch=+539", Yaw=+446", Roll=0deg	H. Ang=46deg
Optical						Mac.=CSO	
GOES	07:47	07:56	08:28	Qual=01	Importance=C1	MaxkeV=70	
HXRBS	07:48:49	07:49:02	07:49:30	Qual=01	Peak...c/s=93	FePeak.c/s=11	#Peaks=1 dt= 7.7s XEN=735100
BCS	07:51	07:54	08:08	Qual= 1	CaPeak.c/s=46	Rast=240"x240"	Cad= 590s 1.024s/pixel
FCS		08:00			Peak3...c/s=34	Step=0"	Pitch=+418", Yaw=+365"
UVSP	08:12				Wavelength=2788A	Exp #=60000	
87/12/24		DOY=358					
Event # = 8669							
87/12/24, 04:50	Start	DOY=358	Peak	M40W01	SMM Pointing:	Pitch=-653", Yaw=-13", Roll=0deg	H. Ang=42deg
GOES	04:34	04:50	05:26	Qual=03	Importance=C1	MaxkeV=70	
HXRBS	04:43:24	04:43:49	04:44:13	Qual=01	Peak...c/s=63	Rast=243"x21"	Pitch=-648", Yaw=+0"
UVSP	04:11				Wavelength=2788A	Code=00	
87/12/26		DOY=360					
Event # = 8670							
87/12/26, 02:21	Start	DOY=360	Peak	AR4912	S34E76	Mac.=EAO	Carr. Lon.=260deg
Optical							
GOES	02:13	02:21	03:06	Qual=03	Ha...Class=1N	MaxkeV=99	
HXRBS	02:14:21	02:18:04	02:19:14	Qual=01	Importance=C5	Rast=180"x1"	Step=0" Pitch=+424", Yaw=+738"
UVSP	02:29				Peak...c/s=282		
87/12/26		DOY=360					
Event # = 8709							
87/12/26, 03:44	Start	DOY=360	Peak	S34E72	SMM Pointing:	Pitch=+535", Yaw=+770", Roll=0deg	H. Ang=74deg
HXRBS	03:44:46	03:44:56	03:45:10	Qual=01	Peak...c/s=83	MaxkeV=395	Flags=I, NS
UVSP	04:02				Wavelength=2788A	Rast=180"x1"	Step=0" Pitch=+414", Yaw=+697"
87/12/27		DOY=361					
Event # = 8671							
87/12/27, 18:02	Start	DOY=360	Peak	S34E64	SMM Pointing:	Pitch=+531", Yaw=+729", Roll=0deg	H. Ang=67deg
Optical							
GOES	17:41	18:02	18:22	Qual=02	Ha...Class=SF	Mac.=EHI	Carr. Lon.=262deg
HXRBS	17:41:18	17:41:34	17:41:50	Qual=01	Importance=M2	MaxkeV=70	
UVSP	18:10				Peak...c/s=126	Rast=180"x1"	Step=0" Pitch=+410", Yaw=+658"
87/12/27		DOY=361					
Event # = 8672							
87/12/27, 00:25	Start	DOY=361	Peak	S34E61	SMM Pointing:	Pitch=+529", Yaw=+709", Roll=0deg	H. Ang=65deg
GOES	00:19:13	00:25:30	00:28:48	Qual=00	Peak...c/s=103	MaxkeV=70	
HXRBS	00:28			Qual=01	Wavelength=2788A	Rast=180"x1"	Step=0" Pitch=+408", Yaw=+636"
UVSP	00:28						

Event # = 21436
 87/12/27, 12:13 DOY=361
 Start Peak
 GOES 12:10 12:13
 BCS 12:13 12:17
 FCS
 UVSP 12:03
 SMM Pointing: S34E55
 Importance=89
 CaPeak.c/s=22
 WaveLength=2788A Code=00 Exp #=60389
 FePeak=12:13
 #Peaks=1 dt=11.3s XEN=736100
 Step=0" Cad=.26s 0.256s/pixel
 Rast=180"x1" Pitch=+406" ,Yaw=+591"
 H.Ang=60deg

87/12/28 DOY=362
 87/12/28, 04:19 DOY=362
 Start Peak
 Optical
 GOES 04:09 04:19 05:19
 HXRBS 04:15:33 04:17:01 04:18:14
 UVSP 04:43
 SMM Pointing: S34E47
 Ha...Class=SF
 Importance=C2
 Peak...c/s=80
 WaveLength=2788A
 AR4912
 Carr. Lon.=259deg
 MaxkeV=70
 Rast=180"x1" Pitch=+400" ,Yaw=+514"
 H.Ang=54deg
 H.Ang=56deg

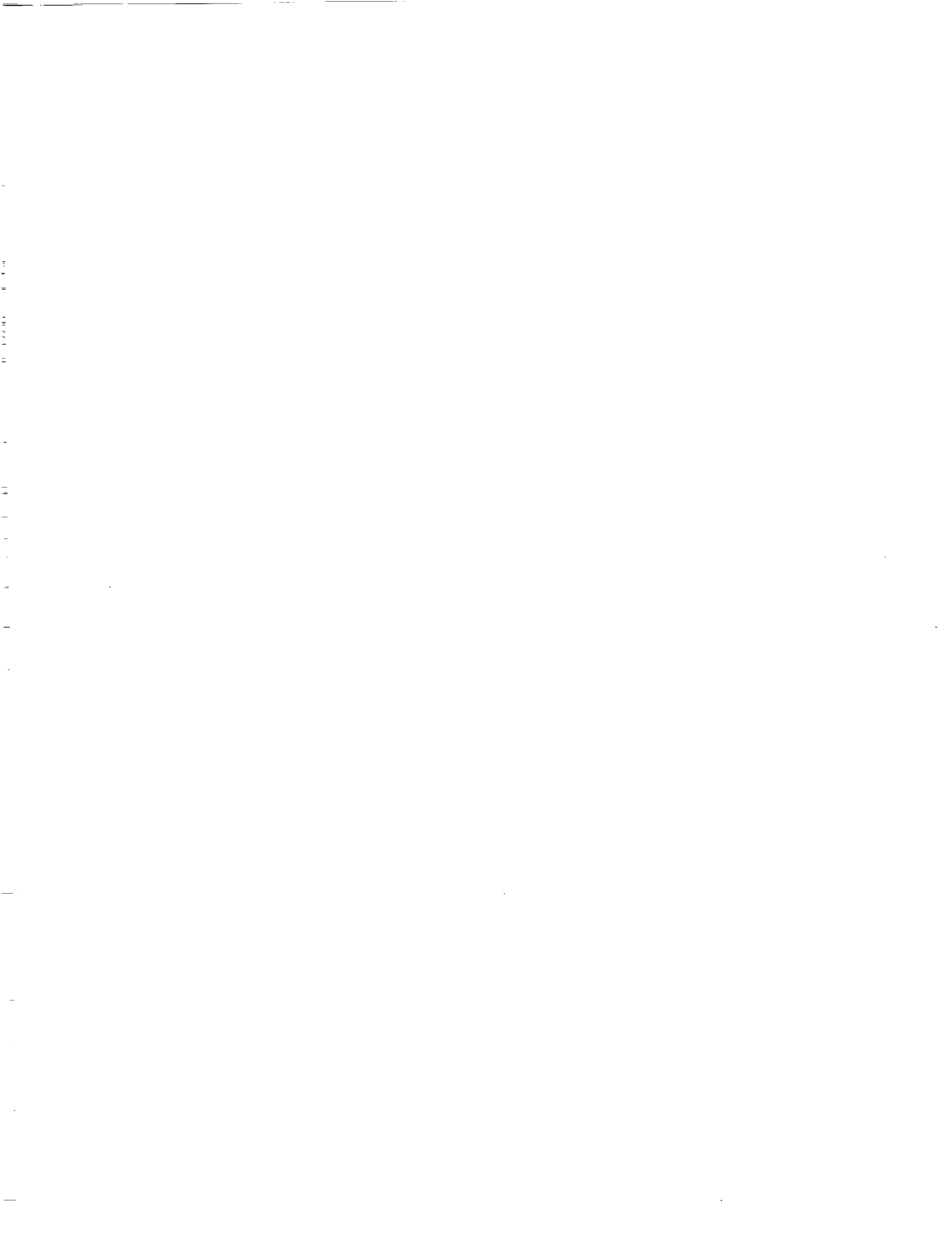
Event # = 8674
 87/12/28, 06:13 DOY=362
 Start Peak
 Optical
 GOES 06:05 06:13 06:31
 HXRBS 06:07:55 06:09:34 06:09:59
 UVSP 06:16
 Radio Frequency(MHz)/Flux(sfu):
 SMM Pointing: S34E46
 Ha...Class=SN
 Importance=C7
 Peak...c/s=608
 WaveLength=2788A Code=02
 Exp #=60414
 Tot Cts=19458
 AR4912
 Carr. Lon.=257deg
 MaxkeV=99
 Rast=180"x1" Pitch=+400" ,Yaw=+505"
 H.Ang=53deg
 H.Ang=57deg

Event # = 8675
 87/12/28, 15:41 DOY=362
 Start Peak
 Optical
 GOES 15:39 15:41 16:00
 HXRBS 15:38:31 15:39:07 15:40:01
 UVSP 15:41
 SMM Pointing: S33E44
 Ha...Class=SF
 Importance=C1
 Peak...c/s=355
 WaveLength=2788A Code=02
 Exp #=60426
 Tot Cts=4540
 AR4912
 Carr. Lon.=253deg
 MaxkeV=128
 Rast=180"x1" Pitch=+383" ,Yaw=+495"
 H.Ang=51deg
 H.Ang=57deg

Event # = 21437
 87/12/29, 04:04 DOY=363
 Start Peak
 GOES 03:56 04:04 04:31
 BCS 04:02 04:03 04:07
 FCS
 UVSP 04:01
 SMM Pointing: S33E37
 Importance=86
 CaPeak.c/s=23
 WaveLength=1375A Code=00 Exp #=60464
 FePeak=04:02
 #Peaks=1 dt=11.3s XEN=736300
 Step=0" Cad=.26s 0.256s/pixel
 Rast=10"x10" Pitch=+541" ,Yaw=+560"
 H.Ang=46deg

Event # = 8676
 87/12/29, 07:13 DOY=363
 Start Peak
 Optical
 GOES 07:05 07:13 08:09
 HXRBS 07:05:40 07:06:37 07:07:24
 BCS 07:08 07:10 07:24
 FCS
 UVSP 07:24
 Radio Frequency(MHz)/Flux(sfu):
 SMM Pointing: S33E36
 Ha...Class=SF
 Importance=C1
 Peak...c/s=77
 CaPeak.c/s=41
 WaveLength=2788A
 Exp #=60469
 Tot Cts=1162
 FePeak=07:08
 #Peaks=1 dt=11.3s XEN=736301
 Step=0" Cad=.26s 0.256s/pixel
 Rast=180"x1" Pitch=+380" ,Yaw=+404"
 H.Ang=45deg
 H.Ang=46deg

		87/12/30		DOY=364	
Event # = 21438					
87/12/30,01:56	DOY=364				
Start	Peak				
Optical		SMM Pointing:			Pitch=+496", Yaw=+356", Roll=0deg
GOES 01:48	01:56	Ha...Class=1F	S33E26	AR4912	H. Ang=39deg
BCS 01:42	01:52	Importance=C4	S36E32		Mac.=EHI
FCS		CaPeak.c/s=189	Qual=03		Carr. Lon.=252deg
UVSP 01:44		Wavelength=1375A	Code=00	Exp #=60507	#Peaks=1 dt= 3.8s XEN=736400
					Rast=0"x0" Cad=.26s 0.256s/pixel
					Step=0" Pitch=+540", Yaw=+433"
Event # = 21439					
87/12/30,02:59	DOY=364				
Start	Peak				
Optical		SMM Pointing:			Pitch=+496", Yaw=+356", Roll=0deg
GOES 02:48	02:59	Importance=C1	S33E26		H. Ang=39deg
BCS 02:56	02:57	CaPeak.c/s=28	Qual=04		FePeak.c/s=7 #Peaks=1 dt= 3.8s XEN=736401
FCS		Wavelength=1375A	Code=00	Exp #=60512	Rast=0"x0" Cad=.26s 0.256s/pixel
UVSP 02:57					Step=5" Pitch=+503", Yaw=+361"
Event # = 8677					
87/12/31,02:33	DOY=365				
Start	Peak				
Optical		SMM Pointing:			Pitch=+493", Yaw=+183", Roll=0deg
GOES 02:29	02:33	Ha...Class=SF	S33E13	AR4912	H. Ang=33deg
HXRBS 02:31:32	02:31:51	Importance=B8	S33E14		Mac.=EHI
UVSP 02:30	02:31:51	Peak...c/s=81	Qual=01		Carr. Lon.=256deg
Radio	Frequency(MHz)/Flux(sfu):	Wavelength=1375A	Code=00	Tot Cts=887	H. Ang=33deg
		245/260	410/29	Exp #=60577	MaxkeV=70
					Rast=265"x265" Pitch=+500", Yaw=+195"
Event # = 21440					
87/12/31,21:56	DOY=365				
Start	Peak				
Optical		SMM Pointing:			Pitch=+489", Yaw=+44", Roll=0deg
GOES 21:52	21:56	CaPeak.c/s=20	S33E03	AR4912	H. Ang=30deg
BCS 21:55	21:55	Wavelength=1375A	Code=00	Exp #=60622	Mac.=EHI
FCS					Carr. Lon.=250deg
UVSP 21:54					H. Ang=34deg
					FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=736500
					Rast=0"x0" Cad=.26s 0.256s/pixel
					Step=5" Pitch=+496", Yaw=+52"



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13. ABSTRACT (Maximum 200 words) This document contains information on solar burst and transient activity observed by the Solar Maximum Mission (SMM) during 1984 through 1987 pointed observations. Data from the following SMM experiments are included: 1) Gamma Ray Spectrometer, 2) Hard X-Ray Burst Spectrometer, 3) Flat Crystal Spectrometer, 4) Bent Crystal Spectrometer, 5) Ultraviolet Spectrometer Polarimeter, and 6) Coronagraph/Polarimeter. Correlative optical, radio, and Geostationary Operational Environmental Satellite (GOES) X-ray data are also presented. Where possible, bursts or transients observed in the various wavelengths were grouped into discrete flare events identified by unique event numbers. Each event carries a qualifier denoting the quality or completeness of the observations. Spacecraft pointing coordinates and flare site angular displacement values from sun center are also included.				
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