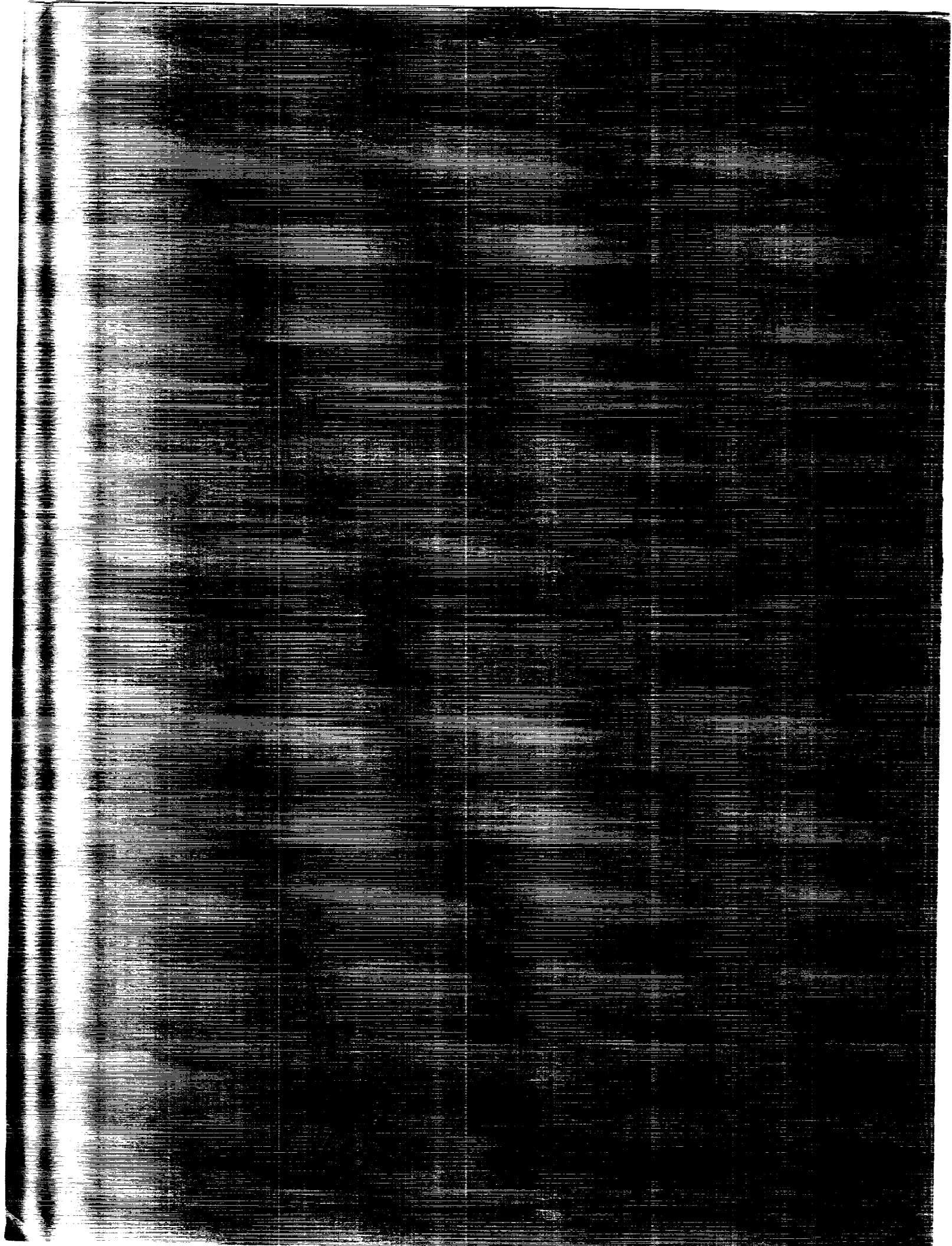


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NASA Technical Memorandum 4344

# The 1989 Solar Maximum Mission Event List

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National Aeronautics and  
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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 year 1989. 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 -<br>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<br>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.  |
| 14. November 17, 1989                         | - Loss of fine pointing control.   |
| 15. November 17, 1989                         | - Pointed instruments turned off.  |
| 16. November 23, 1989                         | - Non-pointed instruments turned off.  |
| 17. November 24, 1989                         | - Solar array jettisoned   |
| 18. December 2, 1989                          | - SMM re-entry.  |

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  $\geq 300$  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  $71 \text{ cm}^2$  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  $12 \text{ counts s}^{-1}$  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
12143-12144	Gain change. Energy range 30.0 to 461 keV.
12178-12182	Gain change. Energy range 30.0 to 461 keV.
12183-12218	Gain change. Energy range 37.1 to 461 keV.
12221-12314	Gain change. Energy range 37.1 to 461 keV.
12316-12319	Gain change. Energy range 37.1 to 461 keV.
12321-12525	Gain change. Energy range 37.1 to 461 keV.
12526-12543	Gain change. Energy range 37.2 to 461 keV.
12627	Gain change. Energy range 30.0 to 461 keV.
12628-12651	Gain change. Energy range 37.2 to 461 keV.
12653-12671	Gain change. Energy range 37.2 to 461 keV.

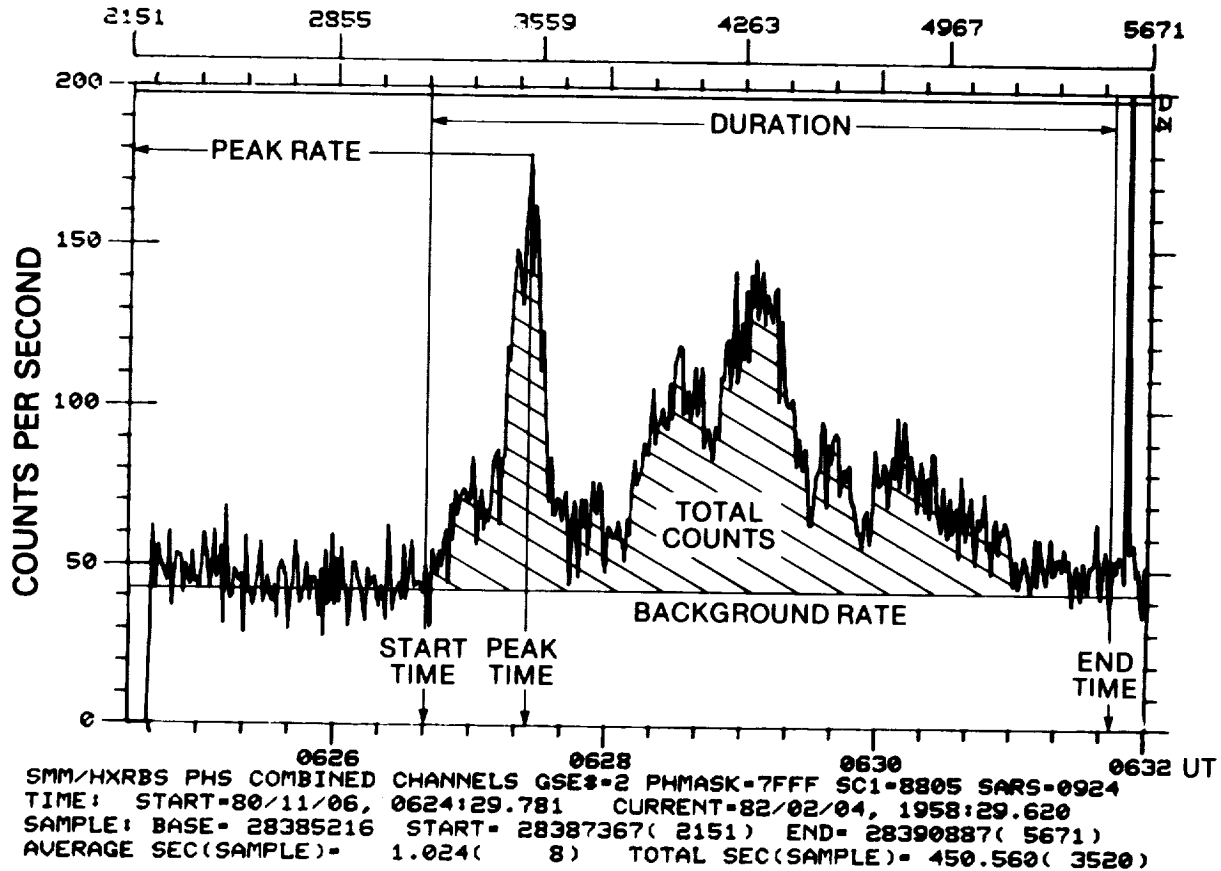


FIGURE 1: A standard plot of a hard X-ray burst (HXRBS event #1544) showing the rate of counts in channels 1 through 15 versus Universal Time. The time resolution is 1.024 s, the time scale is 1 inch per minute, and the counting rate is corrected for instrument dead time. The start time, peak time, end 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  $18 \text{ counts s}^{-1}$  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

$R_{\text{sun}}$  (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  $R_{\text{sun}}$  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.  $H\alpha$  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 ( $2.1 \leq \text{area} \leq 5.1$  sq. degrees)
  - 2 - Importance 2 ( $5.2 \leq \text{area} \leq 12.4$  sq. degrees)
  - 3 - Importance 3 ( $12.5 \leq \text{area} \leq 24.7$  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  $\text{Wm}^{-2}$ , 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



1989 SOLAR MAXIMUM MISSION EVENT LISTING

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89/01/01 DOY=1

Event # = 11119 DOY=1  
 89/01/01,00:08 Start Peak  
 SMM Pointing: S18W47 H. Ang=49deg  
 Carr. Lon.=166deg  
 Ha...Class=SF AR5290  
 N20W58  
 Importance=C8  
 Peak...c/s=109  
 Wavelength=1375A Code=00  
 End times  
 00:38  
 00:07:18  
 00:00  
 MaxkeV=102  
 Rast=10"x10" Pitch=+332", Yaw=-761"  
 Flags=1  
 Step=0"

Event # = 10048 DOY=1  
 89/01/01,05:40 Start Peak  
 SMM Pointing: S18W50 H. Ang=51deg  
 Importance=C2  
 Peak...c/s=46  
 Wavelength=1375A Code=00  
 End times  
 05:42  
 05:39:08  
 05:35  
 MaxkeV=102  
 Rast=10"x10" Pitch=+279", Yaw=-735"  
 Step=0"

Event # = 10047 DOY=1  
 89/01/01,06:25 Start Peak  
 SMM Pointing: S18W51 H. Ang=52deg  
 Ha...Class=IN Carr. Lon.=120deg  
 Ha...Class=SF AR5297 H. Ang=21deg  
 Importance=M1 AR5292 H. Ang=55deg  
 Peak...c/s=128  
 CaPeak.c/s=813  
 Qual=01  
 Qual=2  
 dt= 7.7s XEN=900100  
 FePeak.c/s=208 Cad=1.02s 1.024s/pixel  
 Step=0" Pitch=+349", Yaw=-689"  
 Rast=10"x10" Step=0"  
 MaxkeV=144  
 FePeak.c/s=208  
 Rast=10"x10" Step=0"  
 Wavelength=1375A Code=00 Exp #=81681  
 Type/Intensity: II/I III/2

Event # = 10049 DOY=1  
 89/01/01,07:34 Start Peak  
 SMM Pointing: S15W49 H. Ang=49deg  
 Importance=C4  
 Peak...c/s=57  
 Wavelength=2788A Code=00  
 End times  
 07:38  
 07:36:49  
 07:22  
 MaxkeV=102  
 Rast=243"x243" Pitch=+222", Yaw=-733"  
 Step=3"

Event # = 10050 DOY=1  
 89/01/01,11:05 Start Peak  
 SMM Pointing: S18W53 H. Ang=54deg  
 Ha...Class=SN Carr. Lon.=113deg  
 Importance=C7 AR5303  
 Peak...c/s=44  
 CaPeak.c/s=86  
 Qual=01  
 Qual=1  
 dt= 3.8s XEN=900101  
 FePeak.c/s=19 Cad=.26s 0.256s/pixel  
 Step=0" Pitch=+151", Yaw=-596"  
 Rast=180"x1" Step=0"  
 Wavelength=2788A Code=00 Exp #=81686

Event # = 11280 DOY=1  
 89/01/01,14:09 Start Peak  
 SMM Pointing: S18W54 H. Ang=55deg  
 Importance=C4  
 Peak...c/s=54  
 CaPeak.c/s=86  
 Qual=01  
 Qual=1  
 dt= 3.8s XEN=900102  
 FePeak.c/s=22 Cad=.26s 0.256s/pixel  
 Step=0" Pitch=+152", Yaw=-612"  
 Rast=180"x1" Step=0"  
 Wavelength=2788A Code=02 Exp #=81690  
 Type/Intensity: V/2  
 Associated Event # = 11281  
 Qual=01 Tot Cts=382  
 MaxkeV=144  
 Flags=1



Time	Event #	CaPeak.c/s	Wavelength	Qual	Importance	CaPeak.c/s	Wavelength	Code	Exp	FePeak	FePeak.c/s	Rast	dt	Cad	Pitch	Yaw	H.Ang
22:40	22:40	22:40	22:43	22:40	22:40	22:40	22:40	22:40	22:40	22:40	22:40	22:40	22:40	22:40	22:40	22:40	22:40
BCS	22:40	22:40	22:43	22:40	22:40	22:40	22:40	22:40	22:40	22:40	22:40	22:40	22:40	22:40	22:40	22:40	22:40
FCS																	
UVSP																	
Associated Event # = 22142																	
Qual = 5. FePeak = 22.40																	
dt = 7.7s XEN = 900108																	
Cad = 1.02s 1.024s/pixel																	
Step = 0																	
Pitch = +154", Yaw = -653"																	
Rast = 180"x10"																	
FePeak.c/s = 6																	
#Peaks = 1																	
Step = 0																	
Rast = 180"x10"																	
Exp # = 81701																	
Wavelength = 2788A																	
89/01/02 DOY = 2.																	
Event # = 22143																	
89/01/02, 03:51 DOY = 2																	
Start Peak																	
Optical																	
Ha...Class = SF																	
N20W74																	
AR5290																	
Mac. = EAI																	
Carr. Lon. = 166deg																	
H. Ang = 76deg																	
GOES 03:44 03:51 03:56																	
Importance = C3																	
Qual = 01																	
FePeak = 03:49																	
BCS 03:49 03:51 03:53																	
CaPeak.c/s = 24																	
Qual = 1																	
FCS																	
Wavelength = 1375A																	
Code = 00																	
Exp # = 81727																	
UVSP 03:49																	
Event # = 10053																	
89/01/02, 07:08 DOY = 2																	
Start Peak																	
SMM Pointing:																	
S18W63																	
Qual = 00																	
GOES 07:08:24 07:08:27 07:08:49																	
Peak...c/s = 43																	
Qual = 01																	
Wavelength = 1375A																	
HXRBS 06:58																	
UVSP 06:58																	
Event # = 10054																	
89/01/02, 07:14 DOY = 2																	
Start Peak																	
SMM Pointing:																	
S18W63																	
Qual = 01																	
GOES 07:10 07:14 07:20																	
Importance = C3																	
Qual = 01																	
Peak...c/s = 42																	
Qual = 1																	
HXRBS 07:10:38 07:10:45 07:11:03																	
CaPeak.c/s = 38																	
BCS 07:11 07:12 07:15																	
FCS																	
Wavelength = 1375A																	
Code = 00																	
Exp # = 81745																	
UVSP 07:11																	
Event # = 22144																	
89/01/02, 08:24 DOY = 2																	
Start Peak																	
Optical																	
Ha...Class = SF																	
S22W72																	
AR5292																	
Mac. = EAI																	
Carr. Lon. = 162deg																	
H. Ang = 72deg																	
GOES 08:16 08:24 08:32																	
Importance = C4																	
Qual = 05																	
FePeak = 08:26																	
BCS 08:26 08:26 08:48																	
CaPeak.c/s = 74																	
Qual = 5																	
FCS																	
Wavelength = 1375A																	
Code = 00																	
Exp # = 81746																	
UVSP 08:22																	
Event # = 22145																	
89/01/02, 11:45 DOY = 2																	
Start Peak																	
Optical																	
Ha...Class = SF																	
S22W72																	
AR5292																	
Mac. = EAI																	
Carr. Lon. = 162deg																	
H. Ang = 72deg																	
GOES 11:43 11:45 11:52																	
Importance = C4																	
Qual = 05																	
FePeak = 11:43																	
BCS 11:43 11:45 11:52																	
CaPeak.c/s = 22																	
Qual = 5																	
FCS																	
Wavelength = 2788A																	
Code = 00																	
Exp # = 81756																	
UVSP 11:56																	
Event # = 22146																	
89/01/02, 13:19 DOY = 2																	
Start Peak																	
Optical																	
Ha...Class = SF																	
S22W72																	
AR5292																	
Mac. = EAI																	
Carr. Lon. = 162deg																	
H. Ang = 72deg																	
GOES 13:19 13:19 13:23																	
Importance = C4																	
Qual = 05																	
FePeak = 13:19																	
BCS 13:19 13:19 13:23																	
CaPeak.c/s = 27																	
Qual = 5																	
FCS																	
Wavelength = 2788A																	
Code = 00																	
Exp # = 81758																	
UVSP 13:31																	

Event # = 22147  
 89/01/02, 16:05 DOY=2  
 Start Peak  
 GOES 16:00 16:15 End times  
 BCS 16:02 16:35  
 FCS  
 UVSP 15:50  
 Importance=C3 Qual=03  
 CaPeak.c/s=31 Qual= 7  
 Wavelength=1375A Code=01 FePeak=16:04  
 Exp #=81761  
 #Peaks=1 dt= 7.7s XEN=900205  
 Rast=0"x0" Cad=1.02s 1.024s/pixel  
 Step=5" Pitch=+289", Yaw=-891"

Event # = 22148  
 89/01/02, 17:22 DOY=2  
 Start Peak  
 Optical  
 GOES 17:12 17:22 End times  
 BCS 17:21 17:30  
 FCS 17:21 17:30  
 UVSP 17:24  
 Radio Sweeps  
 Type/Intensity:  
 III/I  
 Ha...Class=SF S20W67  
 Importance=C5 Qual=05  
 CaPeak.c/s=151 Qual= 1  
 FePeak=17:23  
 Wavelength=1375A Code=02 Exp #=81763  
 III/I  
 Mac.=EAI Carr.Lon.=152deg H.Ang=67deg  
 #Peaks=1 dt= 3.8s XEN=900206  
 Step=0" Cad=.26s 0.256s/pixel  
 Step=5" Pitch=+290", Yaw=-896"

Event # = 10055  
 89/01/02, 19:10 DOY=2  
 Start Peak  
 Optical  
 GOES 18:48 19:10 End times  
 HXRBS 18:53:13 19:17:50 19:50:58  
 BCS 21:20 21:22 21:24  
 FCS  
 UVSP 18:58  
 Radio Frequency(MHz)/Flux(sfu):  
 245/65 1415/57 2695/240 4995/370 8800/370  
 SMM Pointing: S18W70  
 Code=LPS N23W39  
 Importance=M2 Qual=03  
 Peak...c/s=300 Qual=14  
 CaPeak.c/s=23 Qual= 2  
 Tot Cts=1.09E+5 FePeak=21:21  
 FePeak.c/s=8  
 Rast=0"x0" Cad=1.02s 1.024s/pixel  
 Step=5" Pitch=+291", Yaw=-901"

Event # = 10056  
 89/01/03, 03:08 DOY=3  
 Start Peak  
 Optical  
 GOES 03:02 03:08 End times  
 HXRBS 03:04:28 03:04:41 03:05:12  
 UVSP 03:34  
 SMM Pointing: S18W75  
 Ha...Class=SF S19W37  
 Importance=C6 Qual=04  
 Peak...c/s=61 Qual=01  
 Wavelength=2788A  
 Tot Cts=298 FePeak=06:36  
 Exp #=81797  
 Mac.=DAI Carr.Lon.=117deg H.Ang=39deg  
 MaxkeV=144 Step=0" Pitch=+167", Yaw=-751"  
 Rast=180"x1"

Event # = 10057  
 89/01/03, 06:35 DOY=3  
 Start Peak  
 GOES 06:30 06:35 End times  
 HXRBS 06:32:53 06:33:03 06:33:37  
 BCS 06:33 06:36 06:43  
 FCS  
 UVSP 06:41  
 SMM Pointing: S18W75  
 Importance=C4 Qual=03  
 Peak...c/s=50 Qual=01  
 CaPeak.c/s=34 Qual= 1  
 Wavelength=2788A Code=02 Exp #=81800  
 FePeak.c/s=8  
 Rast=0"x0" Cad=1.02s 1.024s/pixel  
 Step=0" Pitch=+168", Yaw=-757"

Event # = 22150  
 89/01/03, 07:50 DOY=3  
 Start Peak  
 GOES 07:44 07:50 End times  
 BCS 07:48 07:49 08:10  
 FCS 07:48 08:02  
 UVSP 07:43  
 Importance=C4 Qual=01  
 CaPeak.c/s=85 Qual= 5  
 FePeak=07:48  
 Wavelength=2788A Code=00 Exp #=81801  
 #Peaks=1 dt= 3.8s XEN=900301  
 Step=0" Cad=.26s 0.256s/pixel  
 Step=3" Pitch=+297", Yaw=-931"





Event # = 22152		DOY=3		End times		Qual=00		FePeak=20:32		FePeak.c/s=11		#Peaks=1		dt= 3.8s		XEN=900303		
89/01/03	20:33	20:33	20:48	20:33	20:48	20:33	20:48	20:33	20:48	20:33	20:48	20:33	20:48	20:33	20:48	20:33	20:48	20:33
GOES	Start	Peak																
BCS	20:18	20:33	20:48	20:33	20:48	20:33	20:48	20:33	20:48	20:33	20:48	20:33	20:48	20:33	20:48	20:33	20:48	20:33
FCS																		
UVSP	20:43																	
Event # = 10064		DOY=3		SMM Pointing:		S18W84		Pitch=+296",Yaw=-924",Roll=0deg		H.Ang=83deg								
89/01/03	21:56	21:56	22:02	21:56	22:02	21:56	22:02	21:56	22:02	21:56	22:02	21:56	22:02	21:56	22:02	21:56	22:02	21:56
GOES	Start	Peak																
HXRBS	21:54	21:56	22:02	21:54	22:02	21:54	22:02	21:54	22:02	21:54	22:02	21:54	22:02	21:54	22:02	21:54	22:02	21:54
UVSP	21:53:53	21:54:15	21:54:29	21:53:53	21:54:15	21:54:29	21:53:53	21:54:15	21:54:29	21:53:53	21:54:15	21:54:29	21:53:53	21:54:15	21:54:29	21:53:53	21:54:15	21:54:29
Event # = 10065		DOY=4		SMM Pointing:		S18W84		Pitch=+296",Yaw=-924",Roll=0deg		H.Ang=83deg								
89/01/04	00:54	00:54	01:02	00:54	01:02	00:54	01:02	00:54	01:02	00:54	01:02	00:54	01:02	00:54	01:02	00:54	01:02	00:54
GOES	Start	Peak																
HXRBS	00:48	00:54	01:02	00:48	01:02	00:48	01:02	00:48	01:02	00:48	01:02	00:48	01:02	00:48	01:02	00:48	01:02	00:48
UVSP	00:48:56	00:49:28	00:50:08	00:48:56	00:49:28	00:50:08	00:48:56	00:49:28	00:50:08	00:48:56	00:49:28	00:50:08	00:48:56	00:49:28	00:50:08	00:48:56	00:49:28	00:50:08
Event # = 10066		DOY=4		SMM Pointing:		S18W84		Pitch=+296",Yaw=-924",Roll=0deg		H.Ang=83deg								
89/01/04	04:08	04:08	04:09:17	04:08	04:09:17	04:08	04:09:17	04:08	04:09:17	04:08	04:09:17	04:08	04:09:17	04:08	04:09:17	04:08	04:09:17	04:08
GOES	Start	Peak																
HXRBS	04:07:38	04:08:32	04:09:17	04:07:38	04:08:32	04:09:17	04:07:38	04:08:32	04:09:17	04:07:38	04:08:32	04:09:17	04:07:38	04:08:32	04:09:17	04:07:38	04:08:32	04:09:17
UVSP	04:05			04:05			04:05			04:05			04:05			04:05		
Event # = 22153		DOY=4		SMM Pointing:		S18W84		Pitch=+296",Yaw=-924",Roll=0deg		H.Ang=83deg								
89/01/04	08:49	08:49	09:17	08:49	09:17	08:49	09:17	08:49	09:17	08:49	09:17	08:49	09:17	08:49	09:17	08:49	09:17	08:49
GOES	Start	Peak																
BCS	08:49	08:49	09:17	08:49	09:17	08:49	09:17	08:49	09:17	08:49	09:17	08:49	09:17	08:49	09:17	08:49	09:17	08:49
FCS																		
UVSP	08:48																	
Event # = 22154		DOY=4		SMM Pointing:		S18W88		Pitch=+301",Yaw=-929",Roll=0deg		H.Ang=87deg								
89/01/04	12:12	12:12	12:25	12:12	12:25	12:12	12:25	12:12	12:25	12:12	12:25	12:12	12:25	12:12	12:25	12:12	12:25	12:12
GOES	Start	Peak																
BCS	12:01	12:12	12:25	12:01	12:12	12:25	12:01	12:12	12:25	12:01	12:12	12:25	12:01	12:12	12:25	12:01	12:12	12:25
FCS	12:06	12:11	12:14	12:06	12:11	12:14	12:06	12:11	12:14	12:06	12:11	12:14	12:06	12:11	12:14	12:06	12:11	12:14
UVSP	12:54																	
Event # = 10067		DOY=4		SMM Pointing:		S18W88		Pitch=+301",Yaw=-929",Roll=0deg		H.Ang=87deg								
89/01/04	14:56	14:56	15:32	14:56	15:32	14:56	15:32	14:56	15:32	14:56	15:32	14:56	15:32	14:56	15:32	14:56	15:32	14:56
GOES	Start	Peak																
HXRBS	14:48	14:56	15:32	14:48	14:56	15:32	14:48	14:56	15:32	14:48	14:56	15:32	14:48	14:56	15:32	14:48	14:56	15:32
BCS	14:47:55	14:49:00	14:50:11	14:47:55	14:49:00	14:50:11	14:47:55	14:49:00	14:50:11	14:47:55	14:49:00	14:50:11	14:47:55	14:49:00	14:50:11	14:47:55	14:49:00	14:50:11
UVSP	14:45	14:49	15:32	14:45	14:49	15:32	14:45	14:49	15:32	14:45	14:49	15:32	14:45	14:49	15:32	14:45	14:49	15:32

Event # = 10068	DOY=4	SMM Pointing:	S03W00	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg
89/01/04, 16:15	Peak	Importance=C8	Qual=03		
GOES 16:02	16:15	Peak...c/s=80	Qual=01	MaxkeV=102	
HXRBS 16:09:35	16:12:12		Tot Cts=6833		
Event # = 10069	DOY=4	SMM Pointing:	S03W00	Pitch=-5", Yaw=+1", Roll=0deg	H. Ang=0deg
89/01/04, 16:59	Peak	Ha...Class=1N	AR5303	Mac.=DAI	Carr. Lon.=119deg
Optical	End times	Importance=C9	Qual=04	MaxkeV=102	Flags=SN
GOES 16:50	17:12	Peak...c/s=32	Qual=02	Tot Cts=3183	
HXRBS 16:54:34	16:57:12				
Event # = 10070	DOY=4	SMM Pointing:	S37W00	Pitch=+545", Yaw=+1", Roll=0deg	H. Ang=34deg
89/01/04, 18:05	Peak	Ha...Class=1N	AR5303	Mac.=DAI	Carr. Lon.=118deg
Optical	End times	Importance=M5	Qual=03	MaxkeV=367	Flags=IS
GOES 17:46	20:11	Peak...c/s=468	Qual=11	Tot Cts=1.12E+5	
HXRBS 17:49:11	17:52:58	Frequency(MHz)/Flux(stu):	606/78	1415/82	2695/300
Radio				4995/400	8800/230
Event # = 10071	DOY=4	SMM Pointing:	S03W00	Pitch=+0", Yaw=+5", Roll=0deg	H. Ang=0deg
89/01/04, 20:57	Peak	Importance=C7	Qual=01	MaxkeV=102	
GOES 20:52	20:57	Peak...c/s=60	Qual=01	Tot Cts=1166	
HXRBS 20:52:01	20:52:38				
Event # = 10073	DOY=5	SMM Pointing:	S04W00	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg
89/01/05, 02:26	Peak	Importance=C3	Qual=01	MaxkeV=102	
GOES 02:21	02:26	Peak...c/s=42	Qual=01	Rast=180"x1"	Step=0"
HXRBS 02:23:44	02:23:55	Wavelength=2788A		Exp #=81868	Pitch=+3", Yaw=+30"
UVSP 02:57					
Event # = 10074	DOY=5	SMM Pointing:	N83W00	Pitch=-976", Yaw=+0", Roll=0deg	H. Ang=87deg
89/01/05, 04:48	Peak	Peak...c/s=77	Qual=00	MaxkeV=320	Flags=AX
GOES 04:43:06	04:48:58	Wavelength=2788A	Qual=01	Rast=243"x243"	Step=3"
HXRBS 04:48	04:52:37			Tot Cts=7724	Pitch=-969", Yaw=+13"
UVSP 04:48				Exp #=81871	
Event # = 10075	DOY=5	SMM Pointing:	S18W63	Pitch=+271", Yaw=-828", Roll=0deg	H. Ang=63deg
89/01/05, 06:40	Peak	Ha...Class=SF	S19E59	Mac.=HSX	Carr. Lon.=352deg
Optical	End times	Importance=C4	Qual=01	MaxkeV=144	
GOES 06:35	06:40	Peak...c/s=122	Qual=01	Rast=243"x243"	Step=3"
HXRBS 06:34:46	06:35:07	Wavelength=2788A	Code=00	Tot Cts=718	Pitch=+281", Yaw=-810"
UVSP 06:27				Exp #=81875	

Event # = 10077	DOY=5	Start	End times	SMM Pointing:	S18W63	Pitch=+271", Yaw=-828", Roll=0deg	H. Ang=63deg
89/01/05, 08:41	Peak						
GOES							
HXRBS	08:41:08	08:41:23	08:41:39	Peak...c/s=43	Qual=00		
UVSP	08:09			Wavelength=1375A	Qual=01		
Radio Sweeps		Type/Intensity:		III/3		Step=5"	Pitch=+282", Yaw=-816"
MaxkeV=102							
Rast=70"x70"							
Tot Cts=225							
Exp #=81877							
Event # = 10078	DOY=5	Start	End times	SMM Pointing:	S18W63	Pitch=+271", Yaw=-828", Roll=0deg	H. Ang=63deg
89/01/05, 09:54	Peak						
Optical							
GOES	09:49	09:54	10:20	Ha...Class=SF	S19E57		
HXRBS	09:49:54	09:50:48	09:51:27	Importance=C3	Qual=01		
UVSP	09:47			Peak...c/s=142	Qual=01		
Radio Sweeps		Type/Intensity:		Wavelength=1375A	Code=00		
Radio	Frequency(MHz)/Flux(sfu):			245/50	8800/56		
				15400/25			
HXRBS	10:10:47	10:11:07	10:11:11	Peak...c/s=45	Qual=01		
UVSP	10:01			Associated			
Event # = 10079	DOY=5	Start	End times	SMM Pointing:	S18W63	Pitch=+271", Yaw=-828", Roll=0deg	H. Ang=63deg
89/01/05, 10:01	Peak						
Optical							
GOES	09:49	09:54	10:20	Ha...Class=SF	S19E57		
HXRBS	09:49:54	09:50:48	09:51:27	Importance=C3	Qual=01		
UVSP	09:47			Peak...c/s=142	Qual=01		
Radio Sweeps		Type/Intensity:		Wavelength=1375A	Code=00		
Radio	Frequency(MHz)/Flux(sfu):			245/50	8800/56		
				15400/25			
HXRBS	10:10:47	10:11:07	10:11:11	Peak...c/s=45	Qual=01		
UVSP	10:01			Associated			
Event # = 10080	DOY=5	Start	End times	SMM Pointing:	S02W60	Pitch=+6", Yaw=-843", Roll=0deg	H. Ang=60deg
89/01/05, 11:46	Peak						
GOES	11:40	11:46	11:50	Importance=C3	Qual=01		
HXRBS	11:42:53	11:44:16	11:45:02	Peak...c/s=59	Qual=01		
UVSP	11:43			Wavelength=2788A	Code=00		
Radio	Frequency(MHz)/Flux(sfu):			245/360			
MaxkeV=102							
Rast=180"x1"							
Tot Cts=1116							
Exp #=81886							
Event # = 22155	DOY=5	Start	End times	SMM Pointing:	S18W66	Pitch=+278", Yaw=-852", Roll=0deg	H. Ang=66deg
89/01/05, 14:08	Peak						
GOES	13:55	14:08	14:15	Importance=C3	Qual=00		
BCS	14:00	14:06	14:56	CaPeak.c/s=56	Qual=1		
FCS							
UVSP	13:52			Wavelength=2788A	Code=01		
FePeak.c/s=10							
Rast=0"x0"							
Rast=180"x1"							
#Peaks=1							
Step=0"							
Step=0"							
dt= 3.8s							
XEN=900500							
Cad=1.02s							
Pitch=+157", Yaw=-666"							
Event # = 22156	DOY=5	Start	End times	SMM Pointing:	S18W66	Pitch=+278", Yaw=-852", Roll=0deg	H. Ang=66deg
89/01/05, 15:35	Peak						
GOES	15:35	15:35	16:17	CaPeak.c/s=28	Qual=00		
BCS					Qual=5		
FCS							
UVSP	15:27			Wavelength=2788A	Code=01		
FePeak.c/s=7							
Rast=0"x0"							
Rast=180"x1"							
#Peaks=1							
Step=0"							
Step=0"							
dt= 7.7s							
XEN=900501							
Cad=1.02s							
Pitch=+158", Yaw=-671"							
Event # = 10081	DOY=5	Start	End times	SMM Pointing:	S18W66	Pitch=+278", Yaw=-852", Roll=0deg	H. Ang=66deg
89/01/05, 15:47	Peak						
GOES	15:47:42	15:47:54	15:48:05	Peak...c/s=47	Qual=00		
HXRBS				Wavelength=2788A	Qual=01		
UVSP	15:27						
MaxkeV=102							
Rast=180"x1"							
Tot Cts=124							
Exp #=81891							

88/01/26 DOY=26

Event # = 21457  
 88/01/26,06:31 DOY=26  
 SMM Pointing: S19W78 H. Ang=77deg  
 End times  
 Start 06:31 Peak  
 GOES 06:18 dt= 7.7s XEN=802600  
 BCS 06:28 CaPeak.c/s=19 Qual=4 FePeak=06:29  
 FCS dt= 7.7s XEN=802600  
 UVSP 06:09 Wavelength=2788A Exp #=61921  
 FePeak.c/s=7 #Peaks=1  
 Rast=0"x0" Step=0" dt= 7.7s XEN=802600  
 Rast=180"x1" Step=0" Cad=1.02s 1.024s/pixel  
 Pitch=+297",Yaw=-903",Roll=0deg  
 dt= 7.7s XEN=802600  
 Step=0" Cad=1.02s 1.024s/pixel  
 Pitch=+182",Yaw=-727"

Event # = 21458  
 88/01/26,07:19 DOY=26  
 SMM Pointing: S19W81 H. Ang=80deg  
 End times  
 Start 07:19 Peak  
 GOES 07:07 dt= 7.7s XEN=802601  
 BCS 07:12 CaPeak.c/s=20 Qual=4 FePeak=07:13  
 FCS dt= 7.7s XEN=802601  
 UVSP 07:13 Wavelength=2788A Code=00 Exp #=61922  
 FePeak.c/s=11 #Peaks=1  
 Rast=0"x0" Step=0" dt= 7.7s XEN=802601  
 Rast=180"x1" Step=0" Cad=1.02s 1.024s/pixel  
 Pitch=+303",Yaw=-913",Roll=0deg  
 dt= 7.7s XEN=802601  
 Step=0" Cad=1.02s 1.024s/pixel  
 Pitch=+182",Yaw=-729"

Event # = 8714  
 88/01/26,11:03 DOY=26  
 SMM Pointing: S19W81 H. Ang=80deg  
 End times  
 Start 11:03 Peak  
 Optical 10:55 Ha...Class=1F S21W90 Carr. Lon.=13deg  
 GOES 10:58 Importance=C6 Qual=03  
 HXRBS 10:58:21 Peak...c/s=57 Qual=01 Tot Cts=4050  
 BCS 10:59 CaPeak.c/s=257 Qual=1 FePeak=11:13  
 FCS dt= 3.8s XEN=802602  
 UVSP 10:51 Wavelength=2788A Code=01 Exp #=61927  
 MaxkeV=70  
 FePeak.c/s=45 Step=5" XEN=802602  
 Rast=25"x25" Step=0" Cad=25.6s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=+185",Yaw=-732"

88/01/27 DOY=27

Event # = 8715  
 88/01/27,12:58 DOY=27  
 SMM Pointing: N19W59 H. Ang=63deg  
 End times  
 Start 12:58 Peak  
 GOES 12:52 dt= 7.7s XEN=802700  
 HXRBS 12:53:27 Peak...c/s=236 Qual=01 Tot Cts=1427  
 UVSP 13:24 Wavelength=2788A Exp #=61967  
 MaxkeV=129  
 Rast=420"x241" Step=3" Pitch=+7",Yaw=+56"

Event # = 21459  
 88/01/27,20:25 DOY=27  
 SMM Pointing: N19W59 H. Ang=63deg  
 End times  
 Start 20:25 Peak  
 Optical 20:21 Ha...Class=S8 N21W60 Carr. Lon.=325deg  
 GOES 20:19 Importance=C4 Qual=01  
 BCS 20:19 CaPeak.c/s=163 Qual=1 FePeak=20:24  
 FCS dt= 7.7s XEN=802700  
 UVSP 20:00 Wavelength=2788A Code=00 Exp #=61975  
 Radio Frequency(MHz)/Flux(sfu): 245/23  
 FePeak.c/s=32 #Peaks=2  
 Rast=0"x0" Step=0" dt= 7.7s XEN=802700  
 Rast=63"x63" Step=3" Cad=1.02s 1.024s/pixel  
 Pitch=-369",Yaw=-791",Roll=0deg  
 Mac.=CR0 Carr. Lon.=325deg  
 H. Ang=65deg

Event # = 8716  
 88/01/27,20:29 DOY=27  
 SMM Pointing: N19W59 H. Ang=63deg  
 End times  
 Start 20:29 Peak  
 GOES 20:28 dt= 7.7s XEN=802700  
 HXRBS 20:28:13 Peak...c/s=61 Qual=01 Tot Cts=288  
 UVSP 20:00 Wavelength=2788A Code=00 Exp #=61975  
 MaxkeV=70  
 Rast=63"x63" Step=3" Pitch=-396",Yaw=-791"

Event # = 8718	DOY=27	Peak	End times	SMM Pointing:	N20W62	Pitch=-367", Yaw=-813", Roll=0deg	H. Ang=66deg
88/01/27, 23:06	23:06	23:06		Ha...Class=SN	N20W61	Mac.=CR0	
Optical				Importance=C4	AR4934	Carr. Lon.=324deg	H. Ang=65deg
GOES	23:06	23:18		Peak...c/s=70	Tot Cts=312	#Peaks=1	
HXRBS	23:04:35	23:05:00		CaPeak.c/s=218	FePeak=23:06	dt= 3.8s	XEN=802701
BCS	23:06	23:06		Wavelength=1375A	Exp #=61977	Rast=25"x25"	Cad=25.6s
FCS						Pitch=-358", Yaw=-799"	
UVSP	23:06						
Event # = 8717	DOY=27	Peak	End times	SMM Pointing:	N20W62	Pitch=-367", Yaw=-813", Roll=0deg	H. Ang=66deg
88/01/27, 23:29	23:29	23:29		Importance=C3	Qual=01		
GOES	23:25	23:48		Peak...c/s=166	Qual=01	MaxkeV=129	
HXRBS	23:26:58	23:27:29		CaPeak.c/s=83	Tot Cts=2287	FePeak.c/s=19	dt= 3.8s
BCS	23:28	23:46		Wavelength=1375A	Exp #=61980	Rast=10"x10"	XEN=802702
FCS						Step=0"	Cad= 860s
UVSP	23:26					Pitch=-366", Yaw=-817"	
Event # = 21460	DOY=28	Peak	End times	SMM Pointing:	N19W63	Pitch=-362", Yaw=-823", Roll=0deg	H. Ang=67deg
88/01/28, 02:31	02:31	02:31		Ha...Class=SF	AR4934	Mac.=DSI	
Optical				Importance=C2	Qual=01	Carr. Lon.=323deg	H. Ang=65deg
GOES	02:18	02:34		CaPeak.c/s=34	FePeak=02:20	#Peaks=1	
BCS	02:20	02:25		Wavelength=2788A	Exp #=61991	dt= 7.7s	XEN=802800
FCS						Cad=.26s	0.256s/pixel
UVSP	02:06					Pitch=-228", Yaw=-639"	
Event # = 21461	DOY=28	Peak	End times	SMM Pointing:	N19W63	Pitch=-362", Yaw=-823", Roll=0deg	H. Ang=67deg
88/01/28, 03:56	03:56	03:56		Importance=B9	Qual=01		
GOES	03:50	04:05		CaPeak.c/s=18	Qual= 4	#Peaks=1	
BCS	03:55	03:57		Wavelength=2788A	Exp #=61993	dt= 7.7s	XEN=802801
FCS						Cad=1.02s	1.024s/pixel
UVSP	03:41					Pitch=-227", Yaw=-645"	
Event # = 21462	DOY=28	Peak	End times	SMM Pointing:	N19W63	Pitch=-362", Yaw=-823", Roll=0deg	H. Ang=67deg
88/01/28, 04:15	04:15	04:15		Importance=C1	Qual=01		
GOES	04:10	04:18		CaPeak.c/s=20	FePeak=04:15	#Peaks=1	
BCS	04:14	04:16		Wavelength=2788A	Exp #=61994	dt= 7.7s	XEN=802802
FCS						Cad=1.02s	1.024s/pixel
UVSP	04:41					Pitch=-226", Yaw=-648"	
Event # = 8719	DOY=28	Peak	End times	SMM Pointing:	N19W63	Pitch=-362", Yaw=-823", Roll=0deg	H. Ang=67deg
88/01/28, 04:31	04:31	04:31		Importance=C1	Qual=01		
GOES	04:26	04:39		Peak...c/s=58	Tot Cts=290	MaxkeV=70	
HXRBS	04:28:30	04:29:09		Wavelength=2788A	Exp #=61994	Rast=180"x1"	Pitch=-226", Yaw=-648"
UVSP	04:41					Step=0"	

Event # = 21463	D0Y=28	SMM Pointing:	N19W63	Pitch=-362", Yaw=-823", Roll=0deg	H. Ang=67deg
88/01/28, 04:49	Peak	Importance=C2	Qual=02		
GOES	04:49	CaPeak.c/s=32	Qual=4	FePeak.c/s=12	#Peaks=1 dt= 7.7s XEN=802803
BCS	04:44	Wavelength=2788A	Code=00	Rast=0" x0"	Step=0" Cad=1.02s 1.024s/pixel
FCS	04:41			Rast=180" x1"	Pitch=-226", Yaw=-648"
UVSP	04:41			Exp #=61994	
Event # = 21464	D0Y=28	SMM Pointing:	N19W65	Pitch=-360", Yaw=-836", Roll=0deg	H. Ang=69deg
88/01/28, 06:04	Peak	Importance=C1	Qual=01		
GOES	06:01	CaPeak.c/s=29	Qual=4	FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=802804
BCS	06:03	Wavelength=2788A		Rast=25" x25"	Step=5" Cad=25.6s 1.024s/pixel
FCS	06:16			Rast=180" x1"	Pitch=-225", Yaw=-654"
UVSP	06:16			Exp #=61996	
Event # = 8720	D0Y=28	SMM Pointing:	N19W65	Pitch=-360", Yaw=-836", Roll=0deg	H. Ang=69deg
88/01/28, 06:08	Peak	Ha...Class=SN	N19W64	Mac.=DSI	
Optical	06:06	Importance=C6	Qual=03	Carr. Lon.=323deg	
GOES	06:08	Peak...c/s=217	Qual=01		
HXRBS	06:05:45	Wavelength=2788A	Code=02	MaxkeV=129	
UVSP	06:16			Rast=180" x1"	Step=0" Pitch=-225", Yaw=-654"
Event # = 21465	D0Y=28	SMM Pointing:	N19W65	Pitch=-360", Yaw=-836", Roll=0deg	H. Ang=69deg
88/01/28, 07:19	Peak	Importance=B8	Qual=01		
GOES	07:18	CaPeak.c/s=23	Qual=4	FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=802805
BCS	07:18	Wavelength=2788A		Rast=0" x0"	Step=0" Cad=1.02s 1.024s/pixel
FCS	07:18			Rast=180" x1"	Pitch=-225", Yaw=-656"
UVSP	06:49			Exp #=61997	
Event # = 8721	D0Y=28	SMM Pointing:	N19W67	Pitch=-357", Yaw=-847", Roll=0deg	H. Ang=70deg
88/01/28, 08:50	Peak	Ha...Class=LN	N18W65	Mac.=DSI	
Optical	08:41	Importance=M1	Qual=01	Carr. Lon.=323deg	
GOES	08:41	Peak...c/s=192	Qual=01		
HXRBS	08:45:36	CaPeak.c/s=253	Qual=6	MaxkeV=70	
BCS	08:43	Wavelength=2788A		FePeak.c/s=69	#Peaks=1 dt= 7.7s XEN=802806
FCS	08:24			Rast=25" x25"	Step=5" Cad=25.6s 1.024s/pixel
UVSP	08:24			Rast=180" x1"	Pitch=-224", Yaw=-662"
Event # = 21466	D0Y=28	SMM Pointing:	N19W69	Pitch=-355", Yaw=-857", Roll=0deg	H. Ang=72deg
88/01/28, 11:55	Peak	Importance=C1	Qual=01		
GOES	11:49	CaPeak.c/s=23	Qual=4	FePeak.c/s=9	#Peaks=1 dt= 7.7s XEN=802807
BCS	11:52			Rast=0" x0"	Step=0" Cad=1.02s 1.024s/pixel
FCS	11:52				
UVSP	11:52			Exp #=61999	
Event # = 21467	D0Y=28	SMM Pointing:	N19W69	Pitch=-355", Yaw=-857", Roll=0deg	H. Ang=72deg
88/01/28, 12:09	Peak	Importance=C1	Qual=01		
GOES	12:04	CaPeak.c/s=43	Qual=1	FePeak.c/s=7	#Peaks=1 dt= 0.1s XEN=802808
BCS	12:05			Rast=0" x0"	Step=0" Cad=.26s 0.256s/pixel
FCS	12:07				

Event # = 8722		88/01/29		DOY=29			
88/01/29,02:02	DOY=29	SMM Pointing:	N19W75	Pitch=-345",	Yaw=-890",	Roll=0deg	H.Ang=78deg
Start	Peak	End times					
GOES	02:02:32	02:02:53	02:03:04	MaxkeV=70	Rast=10"x10"	Step=0"	Pitch=-349",
HXRBS	01:52			Exp #=62018			Yaw=-898"
UVSP							
Event # = 8723		88/01/29		DOY=29			
88/01/29,02:04	DOY=29	SMM Pointing:	N19W75	Pitch=-345",	Yaw=-890",	Roll=0deg	H.Ang=78deg
Start	Peak	End times					
GOES	02:04:01	02:04:11	02:04:53	MaxkeV=70	Rast=10"x10"	Step=0"	Pitch=-349",
HXRBS	01:52			Exp #=62018			Yaw=-898"
UVSP							
Event # = 21468		88/01/29		DOY=29			
88/01/29,02:29	DOY=29	SMM Pointing:	N19W75	Pitch=-345",	Yaw=-890",	Roll=0deg	H.Ang=78deg
Start	Peak	End times					
GOES	02:10	02:17	02:27	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=802900
BCS	02:17			Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
FCS	02:24			Rast=10"x10"	Step=0"	Pitch=-384",	Yaw=-875"
UVSP				Exp #=62022			
Event # = 21469		88/01/29		DOY=29			
88/01/29,14:54	DOY=29	SMM Pointing:		Pitch=-327",	Yaw=-921",	Roll=0deg	
Start	Peak	End times					
GOES	14:46	14:48	14:50	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=802901
BCS	14:48			Rast=0"x0"	Step=0"	Cad= 860s	860.4s/pixel
FCS	15:13			Rast=180"x1"	Step=0"	Pitch=-188",	Yaw=-735"
UVSP				Exp #=62051			
Event # = 8724		88/01/30		DOY=30			
88/01/30,05:16	DOY=30	SMM Pointing:	N18W80	Pitch=-318",	Yaw=-914",	Roll=0deg	H.Ang=83deg
Start	Peak	End times					
GOES	05:10	05:13	05:15:10	MaxkeV=70	Rast=180"x1"	Step=0"	Pitch=-188",
HXRBS	05:13:05			Exp #=62092			Yaw=-735"
UVSP	05:20						
Event # = 8725		88/01/31		DOY=31			
88/01/31,10:46	DOY=31	SMM Pointing:	N18E45	Pitch=-367",	Yaw=+655",	Roll=0deg	H.Ang=50deg
Start	Peak	End times					
GOES	10:39	10:42	10:43:04	MaxkeV=159	Rast=180"x1"	Step=0"	Pitch=-233",
HXRBS	10:40:29			Exp #=62151			Yaw=+579"
UVSP	11:09			Event # = 8726			
HXRBS	10:43:23	10:44:51	10:46:19	Tot Cts=3962			
				MaxkeV=189			
Event # = 8735		88/02/01		DOY=32			
88/02/01,00:50	DOY=32	SMM Pointing:	N20E53	Pitch=+732",	Yaw=+392",	Roll=90deg	H.Ang=58deg
Start	Peak	End times					
GOES	00:48	00:50	00:53	MaxkeV=70	Rast=10"x10"	Step=0"	Pitch=+771",
HXRBS	00:48:51			Exp #=62180			Yaw=+318"
UVSP	00:45						



89/01/08 DOY=8

Event # = 22161		DOY=8									
89/01/08	01:20	Start	Peak	End times							
GOES	01:19	01:20		02:13	CaPeak.c/s=40	Qual=00	FePeak=01:25	dt= 7.7s	XEN=900800		
BCS					Wavelength=2788A	Qual= 5	Exp #=82018	Cad=1.02s	1.024s/pixel		
FCS								Pitch=+485"	Yaw=+773"		
UVSP	01:20										
Event # = 10107		DOY=8									
89/01/08	02:02	Start	Peak	End times	SMM Pointing:	S31E65		Pitch=+478"	Yaw=+759"	Roll=0deg	H.Ang=67deg
GOES	01:56	02:02		02:22	Importance=C8	Qual=03		MaxkeV=102			
HXRBS	01:56:15	01:57:52		02:02:03	Peak...c/s=48	Qual=01	Tot Cts=1246	Rast=243"x243"	Pitch=+485"	Yaw=+773"	
UVSP	01:20				Wavelength=2788A	Code=00	Exp #=82018				
Event # = 10108		DOY=8									
89/01/08	03:00	Start	Peak	End times	SMM Pointing:	S31E65		Pitch=+478"	Yaw=+759"	Roll=0deg	H.Ang=67deg
GOES	02:50	03:00		03:22	Importance=C9	Qual=01		MaxkeV=518			
HXRBS	02:56:57	02:59:46		03:05:19	Peak...c/s=794	Qual=01	Tot Cts=1.38E+5	Rast=10"x10"	Pitch=+496"	Yaw=+726"	
UVSP	02:56				Wavelength=1375A	Code=00	Exp #=82021				
Event # = 10109		DOY=8									
89/01/08	03:26	Start	Peak	End times	SMM Pointing:	S31E65		Pitch=+478"	Yaw=+759"	Roll=0deg	H.Ang=67deg
GOES	03:25:06	03:26:11		03:29:32	Peak...c/s=56	Qual=00		MaxkeV=102			
HXRBS	03:25	03:26		03:29	Wavelength=1375A	Qual=01	Tot Cts=3128	Rast=10"x10"	Pitch=+526"	Yaw=+794"	
UVSP	03:22						Exp #=82025				
Event # = 22162		DOY=8									
89/01/08	03:30	Start	Peak	End times							
GOES	02:53	03:30		03:47	CaPeak.c/s=242	Qual=00	FePeak=03:30	dt= 7.7s	XEN=900801		
BCS					Wavelength=1375A	Qual= 1	Exp #=82025	Cad=1.02s	1.024s/pixel		
FCS								Pitch=+526"	Yaw=+794"		
UVSP	03:22										
Event # = 10110		DOY=8									
89/01/08	03:39	Start	Peak	End times	SMM Pointing:	S31E65		Pitch=+478"	Yaw=+759"	Roll=0deg	H.Ang=67deg
GOES	03:39:31	03:39:48		03:40:23	Peak...c/s=48	Qual=00		MaxkeV=102			
HXRBS	03:39	03:40		03:42	Wavelength=1375A	Qual=01	Tot Cts=299	Rast=10"x10"	Pitch=+496"	Yaw=+724"	
UVSP	03:36						Exp #=82027				
Event # = 10111		DOY=8									
89/01/08	04:40	Start	Peak	End times	SMM Pointing:	S31E63		Pitch=+476"	Yaw=+749"	Roll=0deg	H.Ang=65deg
GOES	04:37:05	04:40:25		04:42:34	Peak...c/s=236	Qual=00		MaxkeV=367			
HXRBS	04:37	04:40		04:42	Wavelength=1375A	Qual=01	Tot Cts=19238	Rast=70"x70"	Pitch=+483"	Yaw=+762"	
UVSP	04:35						Exp #=82029				



Event # = 22166							
89/01/08, 11:22	DOY=8						
Start	Peak						
11:12	11:22	Importance=C9	Qual=01				
11:09	11:35	CaPeak.c/s=55	Qual=1	FePeak=11:21	FePeak.c/s=11	#Peaks=2	dt= 3.8s XEN=900806
FCS		Wavelength=2788A	Code=02	Exp #=82054	Rast=180"x1"	Step=0"	Cad=1.02s 1.024s/pixel
UVSP	11:30				Rast=180"x1"	Step=0"	Pitch=+353", Yaw=+654"
Event # = 10113							
89/01/08, 12:53	DOY=8						
Start	Peak	SMM Pointing:	S31E60		Pitch=+474", Yaw=+726", Roll=0deg		H.Ang=62deg
12:21	12:53	Ha...Class=1B	S33E58	AR5312	Mac.=FKC		H.Ang=61deg
12:46:14	12:46:37	Importance=M8	Qual=04	Tot Cts=91225	MaxkeV=187	Flags=EN,SA	
12:14	12:51	Peak...c/s=262	Qual=1	FePeak=12:47	FePeak.c/s=1772	#Peaks=1	XEN=900807
FCS		CaPeak.c/s=4404		Exp #=82056	Rast=180"x1"	Step=0"	Cad=1.02s 1.024s/pixel
UVSP	13:03	Wavelength=2788A		8800/240 15400/180	Rast=180"x1"	Step=0"	Pitch=+352", Yaw=+648"
Radio		Frequency(MHz)/Flux(sfu):	4995/270				
Event # = 22167							
89/01/08, 13:48	DOY=8						
Start	Peak		Qual=00				
13:47	13:48	CaPeak.c/s=115	Qual=5	FePeak=13:49	FePeak.c/s=8	#Peaks=1	dt= 3.8s XEN=900808
FCS		Wavelength=2788A		Exp #=82057	Rast=180"x1"	Step=0"	Cad=.26s 0.256s/pixel
UVSP	13:39				Rast=180"x1"	Step=0"	Pitch=+351", Yaw=+646"
Event # = 10114							
89/01/08, 17:17	DOY=8	SMM Pointing:	N20W26		Pitch=-396", Yaw=-400", Roll=0deg		H.Ang=35deg
17:04	17:17	Importance=M6	Qual=03		MaxkeV=102	Flags=EG	
16:56:40	17:04:35	Peak...c/s=239	Qual=03	Tot Cts=1.19E+5	Rast=265"x265"	Step=5"	Pitch=-382", Yaw=-391"
16:57		Wavelength=1375A	Code=00	Exp #=82061			
Event # = 10115							
89/01/08, 19:10	DOY=8	SMM Pointing:	S31E56		Pitch=+470", Yaw=+696", Roll=0deg		H.Ang=59deg
19:03	19:10	Ha...Class=SF	S35E63	AR5312	Mac.=FKC		H.Ang=66deg
19:00:29	19:02:09	Importance=M1	Qual=03	Tot Cts=4649	MaxkeV=102	#Peaks=1	dt= 7.7s XEN=900809
18:56	19:07	Peak...c/s=69	Qual=01	FePeak=19:05	FePeak.c/s=160	Step=0"	Cad=.26s 0.256s/pixel
FCS		CaPeak.c/s=748	Qual=1	Exp #=82062	Rast=265"x265"	Step=5"	Pitch=+477", Yaw=+709"
UVSP	18:30	Wavelength=1375A	Code=00				
Event # = 22168							
89/01/08, 19:55	DOY=8						
Start	Peak	Importance=M1	Qual=05				
19:48	19:55	CaPeak.c/s=28	Qual=1	FePeak=20:08	FePeak.c/s=15	#Peaks=1	dt= 7.7s XEN=900810
20:03	20:08	Peak3...c/s=-1		Exp #=82063	Rast=180"x1"	Step=0"	Cad=.26s 0.256s/pixel
UVSP	19:53	Wavelength=2788A	Code=00		Rast=180"x1"	Step=0"	Pitch=+348", Yaw=+620"
Radio		Type/Intensity:	III/2				

Event # = 22169										
89/01/08,21:49	Start	DOY=8	Peak							
Optical				End times						
GOES	21:42	21:49	22:30	S3E53	ARS312	Mac.=FKC	Carr. Lon.=310deg	H. Ang=58deg		
BGS	21:36	21:50	22:30	Qual=01	FePeak=21:45	FePeak.c/s=14	#Peaks=1	dt= 7.7s	XEN=900811	
FCS				Qual= 1		Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel	
UVSP	21:27			Wavelength=2788A	Exp #=82065	Rast=180"x1"	Step=0"	Pitch=+348"	Yaw=+613"	
Event # = 10116										
89/01/08,23:48	Start	DOY=8	Peak							
Optical				SMM Pointing:						
GOES	23:25	23:48	00:47	S31E54	Pitch=+468", Yaw=+676", Roll=0deg					
HXRBS	23:29:43	23:40:34	23:53:35	Ha...Class=SN	Carr. Lon.=305deg					
BGS	23:10	23:44	00:05	Importance=M5						
FCS				Peak...c/s=2546	MaxkeV=320					
UVSP	23:58			CaPeak.c/s=1300	Rast=0"x0"					
Wavelength=2788A										
BCS	00:43	00:45	01:39	Associated	#Peaks=1					
FCS				Qual= 5	dt= 7.7s					
UVSP	00:35	01:19		Peak3...c/s=1	Cad=.26s					
Wavelength=2788A										
Event # = 10117										
89/01/09,01:12	Start	DOY=9	Peak							
Optical				SMM Pointing:						
GOES	00:48	01:12	01:47	S31E54	Pitch=+468", Yaw=+676", Roll=0deg					
HXRBS	00:55:24	01:09:00	01:14:47	Ha...Class=2N	Carr. Lon.=341deg					
UVSP	01:33			Ha...Class=1N	H. Ang=39deg					
Radio	Frequency(MHz)/Flux(sfu):			N29E21	Carr. Lon.=1deg					
606/16 2695/130 8800/69										
Event # = 22171										
89/01/09,02:46	Start	DOY=9	Peak							
GOES	02:23	02:46	02:55	S31E54	Step=0"					
BGS				Qual=00	Pitch=+346", Yaw=+594"					
FCS				Qual= 1						
UVSP	03:07			CaPeak.c/s=49	#Peaks=2					
Wavelength=2788A										
Event # = 22172										
89/01/09,03:58	Start	DOY=9	Peak							
GOES	03:52	03:58	04:27	Importance=C7	dt= 7.7s					
BGS	04:03	04:03	04:07	CaPeak.c/s=39	Cad=1.02s					
FCS				Qual= 4	XEN=900902					
UVSP	03:58			Wavelength=1375A	Step=0"					
Code=02										
Exp #=82073										
Wavelength=2788A										
Exp #=82072										
FePeak.c/s=9										
Rast=0"x0"										
Rast=180"x1"										
Step=0"										
Pitch=+345", Yaw=+587"										
FePeak.c/s=15										
Rast=0"x0"										
Rast=265"x265"										
Step=5"										
Pitch=+473", Yaw=+666"										

Event # = 22173  
 89/01/09, 05:09 DOY=9  
 Start Peak  
 Optical Carr. Lon. = 312deg H. Ang = 51deg  
 Optical Carr. Lon. = 279deg H. Ang = 79deg  
 Optical Carr. Lon. = 331deg H. Ang = 29deg  
 GOES 04:45 05:09 06:00  
 BCS 04:46 04:46 04:46  
 UVSP 05:36  
 Radio Sweeps  
 Radio Frequency (MHz)/Flux(sfu):  
 Type/Intensity: 245/32 2695/30 8800/65 15400/34  
 Associated Event # = 22174  
 BCS 05:40 05:40 06:20  
 FCS  
 UVSP 05:39  
 Mac. = FKC  
 FePeak.c/s=10 dt= 7.7s XEN=900903  
 Rast=265" x265" Pitch=+472", Yaw=+658"  
 #Peaks=1 Step=5"  
 FePeak.c/s=17 dt= 3.8s XEN=900904  
 Rast=0" x0" Cad=.26s 0.256s/pixel  
 Step=0" Pitch=+489", Yaw=+631"  
 Rast=10" x10" Step=0"

Event # = 22175  
 89/01/09, 07:15 DOY=9  
 Start Peak  
 Optical Carr. Lon. = 309deg H. Ang = 53deg  
 Optical Carr. Lon. = 332deg H. Ang = 28deg  
 GOES 06:48 07:15 07:52  
 BCS 07:18 07:18 07:53  
 FCS  
 UVSP 07:14  
 Radio Frequency (MHz)/Flux(sfu):  
 Wavelength=410/300  
 Mac. = FKC  
 FePeak.c/s=11 dt= 3.8s XEN=900905  
 Rast=0" x0" Cad=.26s 0.256s/pixel  
 Step=0" Pitch=+472", Yaw=+650"  
 Rast=265" x265" Step=5"  
 Pitch=+465", Yaw=+643", Roll=0deg  
 H. Ang = 54deg  
 MaxkeV=102  
 Rast=10" x10" Step=0" Pitch=+448", Yaw=+681"

Event # = 22176  
 89/01/09, 08:56 DOY=9  
 Start Peak  
 GOES 08:56 08:56 09:27  
 BCS 08:56 08:56 09:27  
 FCS  
 UVSP 08:55  
 Radio Frequency (MHz)/Flux(sfu):  
 Wavelength=1375A  
 SMM Pointing: S31E50  
 Qual=00  
 Qual=01  
 Peak...c/s=50  
 Wavelength=1375A  
 Tot Cts=318  
 Exp #=82088  
 FePeak=08:56  
 Exp #=82093  
 FePeak.c/s=11 dt= 3.8s XEN=900906  
 Rast=0" x0" Cad=.26s 0.256s/pixel  
 Step=0" Pitch=+448", Yaw=+595"  
 Rast=10" x10" Step=0"

Event # = 22177  
 89/01/09, 10:42 DOY=9  
 Start Peak  
 GOES 10:35 10:42 11:04  
 BCS 10:33 10:43 11:01  
 FCS  
 UVSP 10:37  
 Radio Frequency (MHz)/Flux(sfu):  
 Wavelength=1375A  
 Code=00  
 Exp #=82104  
 FePeak=10:43  
 FePeak.c/s=15 dt= 3.8s XEN=900907  
 Rast=0" x0" Cad=1.02s 1.024s/pixel  
 Step=0" Pitch=+669", Yaw=-502"  
 Rast=10" x10" Step=0"

Event # = 22178									
89/01/09, 11:40	DOY=9	Peak	End times						
GOES	11:39	11:40	12:21	CaPeak.c/s=26	Qual=00	FePeak=12:09	FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=900908
BCS				Wavelength=2788A	Qual= 5	Exp #=82107	Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS							Rast=180"x1"	Step=0"	Pitch=+342", Yaw=+545"
UVSP	11:31								
Event # = 10119									
89/01/09, 12:20	DOY=9	Peak	End times	SMM Pointing:	S31E47		Pitch=+463", Yaw=+615", Roll=0deg	H. Ang=52deg	
GOES	12:14	12:20	12:50	Importance=C6	Qual=01		MaxkeV=102		
HXRBS	12:12:59	12:14:39	12:18:07	Peak...c/s=59	Qual=01	Tot Cts=1567	Rast=180"x1"	Step=0"	
UVSP	12:05			Wavelength=2788A	Code=00	Exp #=82109			
Event # = 11301									
89/01/09, 14:09	DOY=9	Peak	End times	SMM Pointing:	S31E46		Pitch=+462", Yaw=+605", Roll=0deg	H. Ang=51deg	
GOES	13:47	14:09	15:15	Importance=M1	Qual=03		MaxkeV=102	Flags=1	
HXRBS	13:47:54	13:50:20	13:54:25	Peak...c/s=64	Qual=01	Tot Cts=3900	FePeak.c/s=13	#Peaks=2	dt= 3.8s XEN=900910
BCS	14:00	14:02	14:08	CaPeak.c/s=55	Qual= 1	FePeak=14:01	Rast=0"x0"	Step=0"	Cad=.26s 0.256s/pixel
FCS							Rast=180"x1"	Step=0"	Pitch=+340", Yaw=+532"
UVSP	14:03			Wavelength=2788A	Code=00	Exp #=82112	MaxkeV=102	Flags=1	
HXRBS	13:56:49	13:57:52	13:58:13	Peak...c/s=50	Qual=01	Tot Cts=140	MaxkeV=102	Flags=1	
				Associated	Event # = 11302				
HXRBS	13:59:58	14:00:16	14:00:39	Peak...c/s=48	Qual=01	Tot Cts=277	MaxkeV=102	Flags=1	
				Associated	Event # = 22090				
BCS	13:55	13:55	13:59	CaPeak.c/s=20	Qual= 4	FePeak=13:55	FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=900909
FCS							Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
				Associated	Event # = 22179				
BCS	14:46	14:46	14:58	CaPeak.c/s=35	Qual= 5	FePeak=14:46	FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=900911
FCS							Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
UVSP	14:37			Wavelength=2788A		Exp #=82113	Rast=180"x1"	Step=0"	Pitch=+339", Yaw=+529"
Event # = 22180									
89/01/09, 15:50	DOY=9	Peak	End times	Importance=M1	Qual=02	FePeak=15:39	FePeak.c/s=7	#Peaks=2	dt= 7.7s XEN=900912
GOES	15:35	15:50	16:42	CaPeak.c/s=32	Qual= 1	Exp #=82114	Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
BCS	15:26	15:38	15:41				Rast=180"x1"	Step=0"	Pitch=+339", Yaw=+524"
FCS									
UVSP	15:35			Wavelength=2788A	Code=01				
Event # = 22181									
89/01/09, 16:21	DOY=9	Peak	End times	CaPeak.c/s=61	Qual=00	FePeak=16:20	FePeak.c/s=12	#Peaks=1	dt= 3.8s XEN=900913
GOES	16:19	16:21	16:51	Wavelength=2788A	Qual= 5	Exp #=82115	Rast=0"x0"	Step=0"	Cad=.26s 0.256s/pixel
BCS							Rast=180"x1"	Step=0"	Pitch=+339", Yaw=+521"
FCS									
UVSP	16:12								



Event # = 10124  
 89/01/09, 22:55 DOY=9 Peak  
 SMM Pointing: S31E42 H. Ang=48deg  
 Pitch=+458", Yaw=+562", Roll=0deg  
 MaxkeV=102  
 Rast=180"x1" Step=0" dt=7.7s XEN=900921  
 dt=7.7s XEN=900921  
 Cad=.26s  
 Pitch=+336", Yaw=+480"

GOES 22:53 23:00 Qual=01  
 HXRBS 22:53:53 22:54:06 22:54:14 Tot Cts=287  
 UVSP 22:26 22:54:06 22:54:14 Exp #=82123  
 WaveLength=2788A  
 FePeak.c/s=9  
 Rast=0"x0" Step=0"  
 Rast=180"x1" Step=0" dt=7.7s XEN=900921  
 dt=7.7s XEN=900921  
 Cad=.26s  
 Pitch=+336", Yaw=+480"

Event # = 22184  
 89/01/09, 23:10 DOY=9 Peak  
 SMM Pointing: S31E41 H. Ang=47deg  
 Pitch=+457", Yaw=+552", Roll=0deg  
 Mac.=FKC  
 Carr. Lon.=308deg  
 H. Ang=47deg

GOES 23:05 23:10 Qual=01  
 BCS 23:07 23:15 FePeak=23:19  
 FCS 23:07 23:15 Exp #=82124  
 UVSP 23:24 WaveLength=2788A  
 FePeak.c/s=557  
 Rast=0"x0" Step=0"  
 Rast=180"x1" Step=0" dt=7.7s XEN=901000  
 dt=7.7s XEN=901000  
 Cad=.26s  
 Pitch=+336", Yaw=+471"

Event # = 10125  
 89/01/10, 00:34 DOY=10 Peak  
 SMM Pointing: S31E41 H. Ang=47deg  
 Ha...Class=LN  
 Importance=M3  
 Peak...c/s=225  
 CaPeak.c/s=2025

Optical 00:22 00:34 01:49  
 GOES 00:22:50 00:27:17 00:56:03  
 HXRBS 00:08 00:32 01:03 Tot Cts=58863  
 BCS 00:08 00:32 01:03 FePeak=00:31  
 FCS 00:08 00:32 01:03 Exp #=82126  
 UVSP 00:58 WaveLength=2788A  
 Radio Sweeps III/2  
 Frequency(MHz)/Flux(sfu): 245/50 2695/49

Event # = 22185  
 89/01/10, 02:02 DOY=10 Peak  
 SMM Pointing: S31E37 H. Ang=44deg  
 Carr. Lon.=311deg  
 H. Ang=44deg

Optical 01:56 02:02 02:16  
 GOES 01:56 02:02 02:16 Qual=01  
 BCS 01:41 02:01 02:37 Qual=1 FePeak=02:00  
 FCS 01:41 02:01 02:37 Exp #=82127  
 UVSP 01:44 WaveLength=2788A Code=00  
 FePeak.c/s=39  
 Rast=0"x0" Step=0"  
 Rast=243"x243" Step=3" dt=7.7s XEN=901001  
 dt=7.7s XEN=901001  
 Cad=.26s  
 Pitch=+463", Yaw=+549"

Event # = 22186  
 89/01/10, 03:23 DOY=10 Peak  
 SMM Pointing: S31E39 H. Ang=46deg  
 Pitch=+456", Yaw=+532", Roll=0deg  
 Mac.=FKC  
 Carr. Lon.=311deg  
 H. Ang=46deg

GOES 03:23 03:33 04:12  
 BCS 03:23 03:33 04:12 Qual=00  
 FCS 03:23 03:33 04:12 Qual=5  
 UVSP 03:21 WaveLength=1375A  
 FePeak.c/s=43  
 Rast=70"x70" Step=5" dt=7.7s XEN=901002  
 dt=7.7s XEN=901002  
 Cad=1.02s  
 Pitch=+463", Yaw=+539"

Event # = 10126  
 89/01/10, 03:37 DOY=10 Peak  
 SMM Pointing: S31E39 H. Ang=46deg  
 Pitch=+456", Yaw=+532", Roll=0deg  
 Mac.=FKC  
 Carr. Lon.=311deg  
 H. Ang=46deg

GOES 03:30 03:37 04:12  
 HXRBS 03:43:52 03:44:15 03:44:43 Tot Cts=271  
 BCS 03:46 03:53 04:07 FePeak=03:53  
 FCS 03:46 03:53 04:07 Exp #=82129  
 UVSP 03:21 WaveLength=1375A Code=00  
 FePeak.c/s=6  
 Rast=0"x0" Step=0"  
 Rast=70"x70" Step=5" dt=7.7s XEN=901003  
 dt=7.7s XEN=901003  
 Cad=1.02s  
 Pitch=+463", Yaw=+539"



Event # = 10128  
 89/01/10, 05:30 DOY=10  
 Start Peak  
 Optical S31E38 SMM Pointing: H. Ang=45deg  
 Optical S29E36 Ha...Class=SF Carr. Lon.=310deg H. Ang=42deg  
 Optical S25W03 Ha...Class=SF Carr. Lon.=349deg H. Ang=21deg  
 Optical N25E40 Ha...Class=SF Carr. Lon.=306deg H. Ang=49deg  
 GOES 04:50 05:30 05:46 Importance=M1 Qual=01  
 HXRBS 05:14:16 05:15:01 05:17:07 Peak...c/s=71 Qual=01  
 UVSP 05:30 Wavelength=1375A Code=02  
 --- Associated  
 HXRBS 05:03:52 05:04:51 05:05:54 Peak...c/s=94 Qual=01  
 UVSP 05:03 Wavelength=1375A  
 Radio Sweeps Type/Intensity: III/2  
 MaxkeV=102 Step=0" Pitch=+409", Yaw=+514"  
 Rast=10"x10"  
 MaxkeV=274 Step=0" Pitch=+499", Yaw=+517"  
 Rast=10"x10"

Event # = 10546  
 89/01/10, 06:57 DOY=10  
 Start Peak  
 Optical S31E37 SMM Pointing: H. Ang=44deg  
 GOES 06:54 06:57 07:18 Importance=M2 Qual=01  
 HXRBS 06:55:45 06:57:45 06:59:22 Peak...c/s=55 Qual=01  
 BCS 06:40 06:40 07:17 CaPeak.c/s=768 Qual= 5  
 FCS Wavelength=1375A Code=00  
 UVSP 06:50 Type/Intensity: III/1  
 Radio Sweeps  
 MaxkeV=102 dt= 3.8s XEN=901004  
 FePeak.c/s=115 #Peaks=1  
 Rast=0"x0" Cad=.26s Step=0" Pitch=+569", Yaw=+616"  
 Rast=10"x10" Step=0"

Event # = 22187  
 89/01/10, 08:20 DOY=10  
 Start Peak  
 Optical AR5312 SMM Pointing: H. Ang=40deg  
 GOES 08:15 08:20 08:27 Importance=C6 Qual=01  
 BCS 08:18 08:18 08:39 CaPeak.c/s=57 Qual= 5  
 FCS Wavelength=1375A Code=00  
 UVSP 08:18 Type/Intensity: III/1  
 Radio Sweeps  
 Mac.=FKC Carr. Lon.=312deg H. Ang=40deg  
 FePeak.c/s=10 dt= 3.8s XEN=901005  
 Rast=0"x0" Cad=.26s Step=0" Pitch=+433", Yaw=+457"  
 Rast=10"x10" Step=0"

Event # = 22188  
 89/01/10, 11:32 DOY=10  
 Start Peak  
 Optical AR5312 SMM Pointing: H. Ang=37deg  
 GOES 11:32 11:32 11:33 Importance=C6 Qual=00  
 BCS 11:32 11:32 11:33 CaPeak.c/s=18 Qual= 5  
 FCS Wavelength=2788A  
 UVSP 11:52 Type/Intensity: III/1  
 Radio Sweeps  
 Mac.=FKC Carr. Lon.=312deg H. Ang=37deg  
 FePeak.c/s=7 dt= 7.7s XEN=901006  
 Rast=0"x0" Cad=1.02s Step=0" Pitch=+332", Yaw=+404"  
 Rast=180"x1" Step=0"

Event # = 22189  
 89/01/10, 11:36 DOY=10  
 Start Peak  
 Optical AR5312 SMM Pointing: H. Ang=37deg  
 GOES 11:36 11:36 11:42 Importance=C6 Qual=00  
 BCS 11:36 11:36 11:42 CaPeak.c/s=19 Qual= 5  
 FCS Wavelength=2788A  
 UVSP 11:52 Type/Intensity: III/1  
 Radio Sweeps  
 Mac.=FKC Carr. Lon.=312deg H. Ang=37deg  
 FePeak.c/s=6 dt= 7.7s XEN=901007  
 Rast=0"x0" Cad=1.02s Step=0" Pitch=+332", Yaw=+404"  
 Rast=180"x1" Step=0"

Event # = 22190									
89/01/10, 11:56	DOY=10	Start	Peak	End times					
GOES	11:52	11:56	11:56	12:00	Importance=C3	Qual=03			
BCS	11:52	11:56	11:56	11:58	CaPeak.c/s=44	Qual=1	FePeak=11:55	#Peaks=1	dt= 7.7s XEN=901008
FCS								Step=0"	Cad=1.02s 1.024s/pixel
UVSP	11:52				Wavelength=2788A	Code=00	Exp #=82163	Step=0"	Pitch=+332", Yaw=+404"
Event # = 22191									
89/01/10, 12:42	DOY=10	Start	Peak	End times					
GOES	12:37	12:42	12:42	13:00	Importance=C4	Qual=02	FePeak=12:39	#Peaks=1	dt= 3.8s XEN=901009
BCS	12:37	12:40	12:40	13:28	CaPeak.c/s=51	Qual=1		Step=0"	Cad=.26s 0.256s/pixel
FCS								Step=0"	Pitch=+332", Yaw=+400"
UVSP	12:28				Wavelength=2788A	Code=01	Exp #=82164		
Event # = 10129									
89/01/10, 13:12	DOY=10	Start	Peak	End times	SMM Pointing:	S31E34			
GOES	13:07	13:12	13:12	13:40	Importance=M2	Qual=01			
HXRBS	13:08:40	13:08:52	13:13:27	13:13:27	Peak...c/s=99	Qual=01	Tot Cts=3870		
UVSP	13:26				Wavelength=2788A		Exp #=82165		
Radio					Frequency(MHz)/Flux(sfu):	245/250			
Event # = 22192									
89/01/10, 14:12	DOY=10	Start	Peak	End times					
Optical									
GOES	14:12	14:12	14:12	14:15	Ha...Class=SF	S27W09	AR5310	Mac.=BX0	Carr. Lon.=350deg H. Ang=24deg
BCS					CaPeak.c/s=22	Qual=00		FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=901010
FCS						Qual=4		Step=0"	Cad=1.02s 1.024s/pixel
UVSP	14:01				Wavelength=2788A		Exp #=82166	Step=0"	Pitch=+330", Yaw=+390"
Event # = 10132									
89/01/10, 14:57	DOY=10	Start	Peak	End times	SMM Pointing:	S31E33			
GOES	14:55	14:57	14:57	15:00	Importance=C4	Qual=01			
HXRBS	14:54:53	14:55:12	14:55:59	14:55:59	Peak...c/s=79	Qual=01	Tot Cts=802		
UVSP	15:00				Wavelength=2788A	Code=02	Exp #=82167		
Event # = 10133									
89/01/10, 15:06	DOY=10	Start	Peak	End times	SMM Pointing:	S31E33			
GOES	15:00	15:06	15:06	15:08	Importance=C5	Qual=01			
HXRBS	15:01:03	15:01:22	15:02:40	15:02:40	Peak...c/s=73	Qual=01	Tot Cts=929		
BCS	14:53	15:04	15:09	15:09	CaPeak.c/s=72	Qual=1	FePeak=15:03		
FCS									
UVSP	15:00				Wavelength=2788A	Code=00	Exp #=82167		
HXRBS	15:04:04	15:04:24	15:04:39	15:04:39	Associated	Qual=01	Event # = 10134		
					Peak...c/s=46		Tot Cts=222		

Event # = 22193		DOY=10													
89/01/10	15:58	Start	Peak	End times	Importance=C7	Qual=03	FePeak=15:46	#Peaks=1	dt= 7.7s	XEN=901012					
GOES	15:52		15:58	16:06	CaPeak.c/s=80	Qual= 1		Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel				
BCS	15:44		15:58	16:02	WaveLength=2788A		Exp #=82168	Rast=180"x1"	Step=0"	Pitch=+329"	Yaw=+380"				
UVSP	15:35														
Event # = 10135		DOY=10													
89/01/10	16:19	Start	Peak	End times	SMM Pointing:	S31E32		Pitch=+450"	Yaw=+446"	Roll=0deg	H.Ang=40deg				
GOES	16:15		16:19	16:25	Importance=C7	Qual=01		MaxkeV=102	#Peaks=1	dt= 7.7s	XEN=901013				
HXRBS	16:17:39		16:17:52	16:18:40	Peak...c/s=56	Qual=01	Tot Cts=612	FePeak.c/s=28	Step=10"	Cad= 332s	1.024s/pixel				
BCS	16:14		16:19	16:40	CaPeak.c/s=216	Qual= 1	FePeak=16:18	Rast=180"x180"	Step=0"	Pitch=+329"	Yaw=+374"				
FCS															
UVSP	16:33				Wave length=2788A		Exp #=82169								
Event # = 10136		DOY=10													
89/01/10	17:59	Start	Peak	End times	SMM Pointing:	S31E31		Pitch=+449"	Yaw=+436"	Roll=0deg	H.Ang=40deg				
Optical					Ha...Class=1F	S34E37	AR5312	Mac.=FKC	Carr. Lon.=302deg		H.Ang=46deg				
GOES	17:43		17:59	18:52	Importance=M3	Qual=03		MaxkeV=187	Flags=M1,FS						
HXRBS	17:44:28		17:47:57	18:08:24	Peak...c/s=303	Qual=01	Tot Cts=26329	Rast=180"x1"	Step=0"	Pitch=+329"	Yaw=+364"				
UVSP	18:07				Wave length=2788A	Code=02	Exp #=82171								
Radio					Frequency(MHz)/Flux(sfu):	2695/67 4995/75 8800/52 15400/120									
Event # = 10130		DOY=10													
89/01/10	19:12	Start	Peak	End times	SMM Pointing:	S31E30		Pitch=+449"	Yaw=+424"	Roll=0deg	H.Ang=39deg				
Optical					Ha...Class=SF	N32W01	AR5315	Mac.=AXX	Carr. Lon.=340deg		H.Ang=36deg				
GOES	18:52		19:12	20:00	Importance=M2	Qual=01		MaxkeV=102	#Peaks=2	dt= 7.7s	XEN=901015				
HXRBS	19:06:52		19:09:55	19:12:35	Peak...c/s=57	Qual=01	Tot Cts=3061	FePeak.c/s=18	Step=10"	Cad= 332s	1.024s/pixel				
BCS	18:52		19:28	19:47	CaPeak.c/s=118	Qual= 1	FePeak=19:28	Rast=180"x180"	Step=0"	Pitch=+328"	Yaw=+353"				
FCS															
UVSP	19:40				Wave length=2788A		Exp #=82173								
Radio Sweeps					Type/Intensity:	V/2									
Event # = 10131		DOY=10													
89/01/10	20:31	Start	Peak	End times	SMM Pointing:	S31E30		Pitch=+449"	Yaw=+424"	Roll=0deg	H.Ang=39deg				
Optical					Ha...Class=1B	S31E30	AR5312	Mac.=FKC	Carr. Lon.=308deg		H.Ang=39deg				
GOES	20:20		20:31	21:14	Importance=X1	Qual=01		MaxkeV=855	Flags=M5,SN						
HXRBS	20:23:10		20:25:33	21:20:14	Peak...c/s=2843	Qual=02	Tot Cts=3.01E+6	FePeak.c/s=4415	#Peaks=1	dt= 3.8s	XEN=901016				
GRS	20:24:00		20:31:00	20:31:00	CaPeak.c/s=7372	Qual= 1	FePeak=20:28	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel				
BCS	20:24		20:29	21:20	Wave length=1375A	Code=00	Exp #=82176								
FCS															
UVSP	20:29				Wave length=1400 8800/1500										
Radio					Frequency(MHz)/Flux(sfu):										
Event # = 22194		DOY=10													
89/01/10	21:19	Start	Peak	End times	Ha...Class=SF	N27E69	AR5317	Carr. Lon.=268deg			H.Ang=73deg				
Optical					Importance=M1	Qual=03		FePeak.c/s=17	#Peaks=1	dt= 7.7s	XEN=901017				
GOES	21:15		21:19	21:45	CaPeak.c/s=171	Qual= 5	FePeak=21:21	Rast=10"x10"	Step=0"	Pitch=+428"	Yaw=+414"				
BCS	21:21		21:21	21:21	Wave length=1375A	Code=00	Exp #=82182								
UVSP	21:09														

Event # = 10137			
89/01/10, 22:50	DOY=10	S31E29	Pitch=+448", Yaw=+403", Roll=0deg H. Ang=38deg
Start	Peak		
GOES 22:48	22:50	Qual=01	MaxkeV=102 #Peaks=3 dt= 7.7s XEN=901018
HXRBS 22:50:13	22:50:24	Qual=01	Rast=180"x180" Cad= 332s 1.024s/pixel
BCS 22:00	22:51	Qual= 1	Rast=10"x10" Pitch=+427", Yaw=+414"
FCS			
UVSP 22:43			
SMM Pointing: Tot Cts=307 FePeak=22:51			
Importance=C6			
Peak...c/s=53			
CaPeak.c/s=97			
Wavelength=1375A Code=00 Exp #=82191			
89/01/11 DOY=11			
Event # = 22195			
89/01/11, 00:00	DOY=11		
Start	Peak		
GOES 23:50	00:00	Qual=01	FePeak.c/s=13 dt= 7.7s XEN=901019
BCS 23:31	00:02	Qual= 1	Rast=180"x180" Cad= 332s 1.024s/pixel
UVSP 23:50			Rast=10"x10" Pitch=+487", Yaw=+456"
SMM Pointing: FePeak.c/s=13 dt= 7.7s XEN=901019			
Importance=C5			
CaPeak.c/s=84			
Wavelength=1375A Code=00 Exp #=82196			
89/01/11 DOY=11			
Event # = 22196			
89/01/11, 00:57	DOY=11		
Start	Peak		
Optical			
GOES 00:48	00:57	S34E33	Mac.=FKC Carr. Lon.=302deg H. Ang=43deg
BCS 01:06	01:08	Qual=05	FePeak.c/s=33 dt= 3.8s XEN=901100
UVSP 01:06		Qual= 5	Rast=300"x240" Cad= 328s 1.024s/pixel
SMM Pointing: FePeak.c/s=33 dt= 3.8s XEN=901100			
Importance=C8			
Peak...c/s=57			
Wavelength=1375A Code=00 Exp #=82201			
89/01/11, 03:01			
Event # = 10138			
89/01/11, 03:01	DOY=11	S31E26	Pitch=+447", Yaw=+373", Roll=0deg H. Ang=37deg
Start	Peak		
Optical			
GOES 02:53	03:01	N20E68	Mac.=CS0 Carr. Lon.=266deg H. Ang=71deg
HXRBS 02:51:45	02:53:01	Qual=01	MaxkeV=102 dt= 7.7s XEN=901101
UVSP 02:56		Qual=01	Rast=10"x10" Pitch=+451", Yaw=+460"
SMM Pointing: FePeak.c/s=37 dt= 7.7s XEN=901101			
Importance=C8			
Peak...c/s=847			
Wavelength=1375A Code=00 Exp #=82214			
89/01/11, 04:59			
Event # = 11384			
89/01/11, 04:59	DOY=11	S31E26	Pitch=+448", Yaw=+362", Roll=0deg H. Ang=36deg
Start	Peak		
Optical			
GOES 04:45	04:59	S32E32	Mac.=FKC Carr. Lon.=301deg H. Ang=41deg
HXRBS 04:44:26	04:45:23	Qual=01	MaxkeV=230 dt= 3.8s XEN=901102
BCS 04:47	04:47	Qual= 1	Rast=300"x240" Cad= 328s 1.024s/pixel
FCS			Rast=70"x70" Pitch=+454", Yaw=+377"
UVSP 04:22			
SMM Pointing: FePeak.c/s=37 dt= 3.8s XEN=901102			
Importance=M1			
Peak...c/s=179			
Wavelength=1375A Code=00 Exp #=82220			
Type/Intensity: 11/3 11/3			
Frequency(MHz)/Flux(sfu): 245/130 410/56 15400/70			
Associated Event # = 9307			
Peak...c/s=62			
Associated Event # = 22197			
CaPeak.c/s=20			
FePeak.c/s=8 dt= 7.7s XEN=901102			
Rast=0"x0" Cad=3840s 3840s/pixel			

Event # = 22198	DOY=11	Peak	End times	Qual=00	FePeak=06:14	Exp #=82225	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=901103
89/01/11,06:14	06:14	06:14	06:16	Qual= 2	FePeak=06:14		Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
GOES	06:14	06:14	06:16	CaPeak.c/s=23	Exp #=82225		Rast=10"x10"	Step=0"	Pitch=+456"	Yaw=+432"
BCS	06:14	06:14	06:16	Wavelength=1375A						
UVSP	06:14	06:14	06:16							
Event # = 10139	DOY=11	Peak	End times	S31E25	AR5312		Pitch=+447"	Yaw=+352"	Roll=0deg	H.Ang=36deg
89/01/11,06:49	06:49	06:49	07:43	S34E28	AR5312		Mac.=FKC	Carr.Lon.=304deg		H.Ang=40deg
Optical	06:25	06:49	07:43	Ha...Class=SF						
GOES	06:32:11	06:32:19	06:32:48	Importance=M2	Tot Cts=302		MaxkeV=102	#Peaks=1	dt= 7.7s	XEN=901104
HXRBS	06:26	06:41	06:43	Peak...c/s=56	FePeak=06:41		Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel
BCS	06:26	06:41	06:43	CaPeak.c/s=488	Exp #=82229		Rast=10"x10"	Step=0"	Pitch=+516"	Yaw=+379"
FCS	06:41	06:41	06:43	Wavelength=1375A	Event # = 10140					
UVSP	06:41	06:41	06:43	Code=01	Tot Cts=249		MaxkeV=102	Step=0"	Pitch=+456"	Yaw=+430"
HXRBS	06:37:05	06:37:35	06:38:03	Associated	Exp #=82227		Rast=10"x10"	Step=0"		
UVSP	06:28	06:28	06:28	Qual=01	Event # = 10143		MaxkeV=102	Step=0"		
HXRBS	06:29:17	06:29:28	06:29:39	Associated	Tot Cts=143		Rast=10"x10"	Step=0"		
UVSP	06:28	06:28	06:28	Qual=01	Exp #=82227					
UVSP	06:28	06:28	06:28	Wavelength=1375A						
Event # = 10141	DOY=11	Peak	End times	S31E24			Pitch=+447"	Yaw=+342"	Roll=0deg	H.Ang=35deg
89/01/11,07:45	07:45	07:45	08:16	Qual=00	Tot Cts=4280		MaxkeV=230	Flags=M5	dt= 3.8s	XEN=901105
GOES	07:43:41	07:44:02	07:44:24	Qual=01	FePeak=07:45		FePeak.c/s=9	#Peaks=1	Cad= 332s	1.024s/pixel
HXRBS	07:42	07:45	08:16	Qual= 4	Exp #=82232		Rast=180"x180"	Step=10"	Pitch=+456"	Yaw=+422"
BCS	07:42	07:45	08:16	CaPeak.c/s=69			Rast=10"x10"	Step=0"		
FCS	07:39	07:39	07:39	Wavelength=1375A						
UVSP	07:39	07:39	07:39							
Event # = 22200	DOY=11	Peak	End times	Qual=02	FePeak=09:47		FePeak.c/s=7	#Peaks=2	dt= 7.7s	XEN=901106
89/01/11,09:54	09:54	09:54	09:54	Qual= 3	Exp #=82238		Rast=115"x115"	Step=5"	Cad=1083s	2.048s/pixel
GOES	09:45	09:47	09:54	Importance=M1			Rast=180"x1"	Step=0"	Pitch=+325"	Yaw=+252"
BCS	09:39	09:47	09:54	CaPeak.c/s=29						
FCS	10:19	10:19	10:19	Wavelength=2788A						
UVSP	10:19	10:19	10:19							
Event # = 22201	DOY=11	Peak	End times	Qual=05	FePeak=10:59		FePeak.c/s=9	#Peaks=1	dt= 3.8s	XEN=901107
89/01/11,10:46	10:46	10:46	11:15	Qual= 5	Exp #=82238		Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
GOES	10:37	10:46	11:15	Importance=C5			Rast=180"x1"	Step=0"	Pitch=+325"	Yaw=+252"
BCS	10:54	10:55	11:21	CaPeak.c/s=88						
FCS	10:54	10:55	11:21	Wavelength=2788A						
UVSP	10:19	10:19	10:19							

Event # = 22202		DOY=11									
89/01/11, 12:09	Start	End times									
GOES	11:57	12:19	Importance=C7	Qual=02							
BCS	12:00	12:05	CaPeak.c/s=102	Qual= 2	FePeak=12:01						
FCS											
UVSP	11:52		Wavelength=2788A	Code=01	Exp #=82240						
Radio	Frequency (MHz)/Flux(sfu):	8800/72	15400/65								
Event # = 22203		DOY=11									
89/01/11, 12:35	Start	End times									
GOES	12:20	12:44	Importance=C7	Qual=01							
BCS	12:31	12:38	CaPeak.c/s=28	Qual= 4	FePeak=12:31						
FCS											
UVSP	12:49		Wavelength=2788A		Exp #=82241						
Event # = 22204		DOY=11									
89/01/11, 13:38	Start	End times									
GOES	13:33	13:45	CaPeak.c/s=67	Qual=00							
BCS				Qual= 5	FePeak=13:38						
FCS											
UVSP	13:26		Wavelength=2788A		Exp #=82242						
Event # = 22205		DOY=11									
89/01/11, 14:11	Start	End times									
GOES	14:09	14:16	CaPeak.c/s=33	Qual=00							
BCS				Qual= 1	FePeak=14:09						
FCS											
UVSP	14:24		Wavelength=2788A		Exp #=82243						
Event # = 10142		DOY=11									
89/01/11, 14:28	Start	End times									
GOES	14:21	14:32	Importance=C5	Qual=02							
HXRBS	14:21:26	14:22:05	Peak...c/s=123	Qual=01	Tot Cts=1032						
UVSP	14:24		Wavelength=2788A	Code=00	Exp #=82243						
Event # = 22206		DOY=11									
89/01/11, 15:09	Start	End times									
GOES	15:09	15:23	CaPeak.c/s=43	Qual=00							
BCS				Qual= 5	FePeak=15:09						
FCS											
UVSP	15:00		Wavelength=2788A		Exp #=82244						
Event # = 22207		DOY=11									
89/01/11, 15:33	Start	End times									
Optical			Ha...Class=SF	M28E51	ARS318						
GOES	15:28	16:39	Importance=M1	Qual=05							
BCS	15:38	16:04	CaPeak.c/s=320	Qual= 5	FePeak=15:39						
FCS											
UVSP	15:58		Wavelength=2788A		Exp #=82245						

Event # = 22208 89/01/11,16:47 Start Peak DOY=11	End times 16:57 16:57	Ha...Class=SF Importance=C5 CaPeak.c/s=55 Wave length=2788A Code=01	S34E20 Qual=04 Qual= 4 Exp #=82246	AR5312 FePeak=16:49	Mac. =FKC #Peaks=1 Step=15" Step=0"	Carr. Lon.=307deg dt= 3.8s Cad= 328s Pitch=+322", Yaw=+208"	H. Ang=35deg XEN=901113 1.024s/pixel
Optical GOES 16:44 BCS 16:41 FCS UVSP 16:33							
Event # = 22209 89/01/11,17:28 Start Peak DOY=11	End times 17:32	CaPeak.c/s=19 Wave length=2788A	Qual=00 Qual= 4 Exp #=82247	FePeak=17:31	FePeak.c/s=7 Rast=180"x180" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 332s Pitch=+322", Yaw=+201"
GOES BCS FCS UVSP							
Event # = 10145 89/01/11,18:03 Start Peak DOY=11	End times	SMM Pointing:	S31E18		Pitch=+442", Yaw=+266", Roll=0deg		H. Ang=32deg
Optical GOES 18:00 HXRBS 18:17:30 UVSP 18:16	18:07 18:18:12	Ha...Class=SF Importance=C8 Peak...c/s=46 Wave length=1375A	S33E20 Qual=05 Qual=01	AR5312 Tot Cts=229 Exp #=82248	Mac. =FKC MaxkeV=102 Rast=265"x265"	Carr. Lon.=306deg Step=5"	H. Ang=34deg
Event # = 22541 89/01/11,18:19 Start Peak DOY=11	End times 19:08	CaPeak.c/s=216 Wave length=1375A	Qual=00 Qual= 1 Exp #=82250	FePeak=18:18	FePeak.c/s=32 Rast=180"x180" Rast=10"x10"	#Peaks=1 Step=10" Step=0"	dt= 3.8s Cad= 332s Pitch=+467", Yaw=+276"
GOES BCS FCS UVSP							
Event # = 10144 89/01/11,18:20 Start Peak DOY=11	End times 19:16	SMM Pointing:	S31E18		Pitch=+442", Yaw=+266", Roll=0deg		H. Ang=32deg
GOES 18:15 HXRBS 18:14:28 UVSP 18:18	18:20 18:15:20	Importance=C6 Peak...c/s=59 Wave length=1375A	Qual=01 Qual=01 Code=00	Tot Cts=482 Exp #=82250	MaxkeV=144 Rast=10"x10"	Step=0"	H. Ang=32deg
Event # = 10146 89/01/11,18:34 Start Peak DOY=11	End times 18:34:06	SMM Pointing:	S31E18		Pitch=+442", Yaw=+266", Roll=0deg		H. Ang=32deg
GOES 18:33:57 HXRBS UVSP	18:34:02 18:33	Peak...c/s=47 Wave length=1375A	Qual=00 Qual=01	Tot Cts=80 Exp #=82252	MaxkeV=102 Rast=10"x10"	Step=0"	H. Ang=32deg
Event # = 10147 89/01/11,20:25 Start Peak DOY=11	End times 20:30	SMM Pointing:	S31E18		Pitch=+442", Yaw=+254", Roll=0deg		H. Ang=31deg
GOES 20:17 HXRBS 20:22:10 UVSP 20:19	20:25 20:22:25 20:22:33	Importance=C4 Peak...c/s=47 Wave length=1375A	Qual=01 Qual=01 Code=00	Tot Cts=126 Exp #=82263	MaxkeV=102 Rast=10"x10"	Step=0"	H. Ang=31deg
Radio Sweeps	Type/intensity: V/1						

Event # = 10148									
89/01/11,20:32	DOY=11	Peak	SMM Pointing:		S31E18	Pitch=+442", Yaw=+254", Roll=0deg		H. Ang=31deg	
Start End times									
GOES	20:32:44	20:32:56	20:33:36	Peak...c/s=49	Qual=00				
HXRBS	20:32:44	20:32:56	20:33:36	WaveLength=1375A	Qual=01				
UVSP	20:32					Tot Cts=301	Step=0"	Pitch=+476"	Yaw=+245"
Exp #=82265									
Event # = 10152									
89/01/11,21:37	DOY=11	Peak	SMM Pointing:		S31E17	Pitch=+442", Yaw=+243", Roll=0deg		H. Ang=31deg	
Start End times									
Optical				Ha...Class=SB	N23E50	Carr. Lon.=274deg		H. Ang=56deg	
Optical				Ha...Class=SF	N28E53	Carr. Lon.=271deg		H. Ang=60deg	
GOES	21:28	21:37	22:00	Importance=C5	Qual=01				
HXRBS	21:28:09	21:29:17	21:31:30	Peak...c/s=74	Qual=01	Tot Cts=2072	#Peaks=2	dt= 3.8s	XEN=901116
BCS	21:21	21:37	22:18	CaPeak.c/s=46	Qual= 4	FePeak=21:37	Step=10"	Cad= 332s	1.024s/pixel
FCS							Step=0"	Pitch=+466"	Yaw=+253"
UVSP	21:26			WaveLength=1375A	Code=00	Exp #=82268			
Event # = 10153									
89/01/11,22:53	DOY=11	Peak	SMM Pointing:		S31E16	Pitch=+442", Yaw=+231", Roll=0deg		H. Ang=31deg	
Start End times									
Optical				Ha...Class=IN	N19E58	Carr. Lon.=265deg		H. Ang=62deg	
GOES	22:45	22:53	23:12	Importance=M1	Qual=04				
HXRBS	22:54:17	22:55:08	23:04:16	Peak...c/s=106	Qual=01	Tot Cts=7300	Step=5"	Pitch=+449"	Yaw=+244"
UVSP	22:56			WaveLength=1375A	Code=02	Exp #=82275			
Radio	Frequency(MHz)/Flux(sfu): 2695/58 15400/78								
Event # = 10149									
89/01/11,23:40	DOY=11	Peak	SMM Pointing:		S31E16	Pitch=+442", Yaw=+231", Roll=0deg		H. Ang=31deg	
Start End times									
Optical				Ha...Class=SF	N18E73	Carr. Lon.=250deg		H. Ang=75deg	
GOES	23:36	23:40	23:56	Importance=C6	Qual=01				
HXRBS	23:36:41	23:36:50	23:37:03	Peak...c/s=46	Qual=01	Tot Cts=113	#Peaks=1	dt= 7.7s	XEN=901117
BCS	23:23	23:49	23:52	CaPeak.c/s=58	Qual= 2	FePeak=23:49	Step=10"	Cad= 332s	1.024s/pixel
FCS							Step=0"	Pitch=+485"	Yaw=+246"
UVSP	23:39			WaveLength=1375A	Code=00	Exp #=82283			
89/01/12 DOY=12									
Event # = 11393									
89/01/12,00:33	DOY=12	Peak	SMM Pointing:		S31E16	Pitch=+441", Yaw=+225", Roll=0deg		H. Ang=30deg	
Start End times									
Optical				Ha...Class=SF	S28E17	Carr. Lon.=305deg		H. Ang=29deg	
GOES	00:33:00	00:33:12	00:33:27	Peak...c/s=71	Qual=00	Flags=1			
HXRBS	00:33:00	00:33:12	00:33:27	WaveLength=1375A	Qual=01	Tot Cts=350	Step=0"	Pitch=+490"	Yaw=+290"
UVSP	00:33					Exp #=82286			
Event # = 22210									
89/01/12,01:01	DOY=12	Peak	SMM Pointing:		S28E17	Carr. Lon.=305deg		H. Ang=29deg	
Start End times									
Optical				Ha...Class=SF	S28E17	Carr. Lon.=305deg		H. Ang=29deg	
GOES	00:29	01:01	01:26	CaPeak.c/s=101	Qual= 1	FePeak=01:01	#Peaks=3	dt= 7.7s	XEN=901200
BCS						Rast=0" x0"	Step=0"	Cad=1.02s	1.024s/pixel
FCS						Rast=10" x10"	Step=0"	Pitch=+470"	Yaw=+227"
UVSP	01:00			WaveLength=1375A		Exp #=82290			



Event # = 22211  
 89/01/12, 02:57 D0Y=12 Peak  
 Start 03:03 End times  
 GOES 02:51 CaPeak.c/s=56 Importance=C3 Qual=03  
 BCS 02:06 Wavelength=1375A Code=00 FePeak=02:57 Qual=1  
 FCS UVSP 02:48

dt= 3.8s XEN=901201  
 Cad=1.02s 1.024s/pixel  
 Pitch=+470", Yaw=+218"  
 #Peaks=3  
 Step=0  
 Step=0  
 Rast=10"x10"  
 FePeak.c/s=12  
 Rast=10"x10"  
 Exp #=82301  
 Roll=0deg  
 H.Ang=30deg  
 Carr. Lon.=301deg  
 H.Ang=35deg  
 Mac. =FKC  
 MaxkeV=187  
 Flags=DG,FS  
 #Peaks=2 dt= 7.7s XEN=901202  
 FePeak.c/s=141  
 Rast=240"x240" Cad= 590s 1.024s/pixel  
 Step=10" Pitch=+475", Yaw=+208"  
 Step=0  
 Rast=10"x10" =82308  
 Exp #=82308  
 Code=00  
 S31E13  
 SMM Pointing: S31E13  
 S34E19  
 Ha...Class=1N  
 Qual=03  
 Importance=M1  
 Qual=11  
 Peak...c/s=400  
 CaPeak.c/s=824  
 Qual=1  
 Wavelength=1375A  
 Code=00  
 Exp #=82308  
 Type/Intensity: III/I  
 Radio Sweeps  
 Frequency (MHz)/Flux(sfu): 2695/59 8800/100 15400/91

Event # = 22212  
 89/01/12, 05:25 D0Y=12 Peak  
 Start 05:52 End times  
 Optical  
 GOES 05:24 CaPeak.c/s=37 Ha...Class=SF N20E51  
 BCS 05:24 FePeak=05:25 AR5317  
 FCS UVSP 05:24 Exp #=82313  
 Radio Sweeps Type/Intensity: III/I

dt= 7.7s XEN=901203  
 Cad=1.02s 1.024s/pixel  
 Step=10" Pitch=+475", Yaw=+194"  
 Carr. Lon.=269deg  
 H.Ang=56deg  
 FePeak.c/s=9  
 Rast=10"x10"  
 Rast=30"x30"  
 H.Ang=0deg  
 H.Ang=29deg  
 MaxkeV=102  
 Rast=30"x30"  
 Step=10" Pitch=+475", Yaw=+195"  
 Tot Cts=76  
 Exp #=82315  
 Code=00  
 S31E13  
 SMM Pointing: S31E13  
 Qual=00  
 Qual=01  
 CaPeak..c/s=57  
 Wavelength=1375A  
 Wavelength=1375A

Event # = 22213  
 89/01/12, 07:04 D0Y=12 Peak  
 Start 07:40 End times  
 GOES 07:02 CaPeak.c/s=49 Qual=00  
 BCS 07:02 FePeak=07:04 Qual=5  
 FCS UVSP 07:01  
 Wavelength=1375A

dt= 3.8s XEN=901204  
 Cad= 328s 1.024s/pixel  
 Pitch=+475", Yaw=+181"  
 #Peaks=1  
 Step=15"  
 Step=10"  
 FePeak.c/s=7  
 Rast=300"x240"  
 Rast=30"x30"  
 Carr. Lon.=303deg  
 H.Ang=32deg  
 Mac. =FKC  
 FePeak.c/s=14  
 Rast=240"x240"  
 Rast=243"x243"  
 #Peaks=2 dt= 7.7s XEN=901220  
 Step=10" Cad= 590s 1.024s/pixel  
 Step=3" Pitch=+448", Yaw=+172"  
 Exp #=82322  
 Code=00  
 S33E15  
 Ha...Class=SF  
 Importance=C4  
 CaPeak.c/s=96  
 Qual=1  
 Wavelength=2788A  
 Code=00  
 Exp #=82322

Event # = 22215									
89/01/12,09:09	DOY=12	Peak	End times						
GOES	09:02	09:09	09:14	Importance=C3	Qual=01				
BCS	09:05	09:10	09:13	CaPeak.c/s=30	Qual=1	FePeak=09:10			
FCS									
UVSP	08:35			Wavelength=2788A	Code=00	Exp #=82322			
FePeak.c/s=7 dt= 7.7s XEN=901221									
Rast=115"x115" Step=5" Cad=1083s 2.048s/pixel									
Rast=243"x243" Step=3" Pitch=+448",Yaw=+172"									
Event # = 10154									
89/01/12,10:34	DOY=12	Peak	End times	SMM Pointing:	S31E10				
Optical				Ha...Class=SF					
GOES	10:17	10:34	11:22	Importance=C7	Qual=03	AR5312			
HXRBS	10:34:06	10:34:20	10:34:31	Peak...c/s=55	Qual=01	Tot Cts=133			
BCS	10:19	10:34	10:47	CaPeak.c/s=276	Qual=1	FePeak=10:33			
FCS									
UVSP	10:40			Wavelength=2788A	Code=02	Exp #=82324			
Associated									
Event # = 10151									
HXRBS	10:40:37	10:40:46	10:40:53	Peak...c/s=55	Qual=01	Tot Cts=163			
Event # = 22216									
89/01/12,11:29	DOY=12	Peak	End times						
GOES	11:22	11:29	11:45	Importance=C3	Qual=02				
BCS	11:24	11:26	11:27	CaPeak.c/s=23	Qual=2	FePeak=11:25			
FCS									
UVSP	11:17			Wavelength=2788A	Code=01	Exp #=82325			
FePeak.c/s=7 dt= 7.7s XEN=901206									
Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel									
Rast=180"x1" Step=0" Pitch=+319",Yaw=+68"									
Event # = 22217									
89/01/12,13:00	DOY=12	Peak	End times						
GOES	12:58	13:00	13:06	CaPeak.c/s=19	Qual=00				
BCS					Qual=2	FePeak=12:58			
FCS									
UVSP	12:50			Wavelength=2788A		Exp #=82327			
FePeak.c/s=8 dt= 7.7s XEN=901207									
Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel									
Rast=180"x1" Step=0" Pitch=+319",Yaw=+56"									
Event # = 22218									
89/01/12,13:45	DOY=12	Peak	End times						
GOES	13:29	13:45	13:55	CaPeak.c/s=27	Qual=00				
BCS					Qual=4	FePeak=13:40			
FCS									
UVSP	13:47			Wavelength=2788A		Exp #=82328			
FePeak.c/s=7 dt= 7.7s XEN=901208									
Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel									
Rast=180"x1" Step=0" Pitch=+319",Yaw=+49"									
Event # = 22219									
89/01/12,14:35	DOY=12	Peak	End times						
Optical				Ha...Class=SF	N29W44	AR5307			
GOES	14:31	14:35	14:46	CaPeak.c/s=37	Qual=03	FePeak=14:35			
BCS					Qual=1				
FCS									
UVSP	14:24			Wavelength=2788A		Exp #=82329			
Associated									
Event # = 22220									
BCS	15:02	15:02	15:21	CaPeak.c/s=23	Qual=5	FePeak=15:05			
FCS									
UVSP	15:22			Wavelength=2788A		Exp #=82330			
FePeak.c/s=6 dt= 7.7s XEN=901210									
Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel									
Rast=180"x1" Step=0" Pitch=+317",Yaw=+37"									

Event # = 22221				D0Y=12			
89/01/12, 16:04	Start	End times		16:18			
GOES	16:04	16:11	Importance=C3	Qual=04	FePeak=16:05	#Peaks=1	dt= 7.7s
BCS	16:05		CaPeak.c/s=27	Qual= 5		Step=0"	Cad=1.02s
FCS						Step=5"	Pitch=+445", Yaw=+115"
UVSP	16:06		Wavelength=1375A	Code=02	Exp #=82331		
-----							
Event # = 10158				D0Y=12			
89/01/12, 16:46	Start	End times	SMM Pointing:	S31E07			Pitch=+435", Yaw=+101", Roll=0deg
Optical			Ha...Class=SF	S30E02	AR5312		H. Ang=27deg
GOES	16:46	16:49	Importance=C3	Qual=01			
HXRBS	16:45:06	16:46:33	Peak...c/s=60	Qual= 1	Tot Cts=516	#Peaks=1	dt= 7.7s
BCS	16:44	16:48	CaPeak.c/s=34	Qual= 1	FePeak=16:46	Step=0"	Cad=1.02s
FCS			Wavelength=1375A	Code=00	Exp #=82337	Step=0"	Pitch=+462", Yaw=+189"
UVSP	16:37		Associated	Qual=01	Event # = 10157		
HXRBS	16:42:51	16:43:15	Peak...c/s=54	Qual=01	Tot Cts=183		MaxkeV=144
-----							
Event # = 11416				D0Y=12			
89/01/12, 17:48	Start	End times	SMM Pointing:	S31E06			Pitch=+438", Yaw=+90", Roll=0deg
Optical			Ha...Class=IN	S16W12	AR5311		H. Ang=17deg
GOES	17:41	18:00	Importance=C9	Qual=01			
HXRBS	17:43:22	17:45:36	Peak...c/s=120	Qual=01	Tot Cts=3160	Flags=1	dt= 3.8s
BCS	17:39	18:21	CaPeak.c/s=88	Qual= 5	FePeak=17:41	#Peaks=2	XEN=901213
FCS			Wavelength=1375A	Code=00	Exp #=82342	Step=10"	Cad= 590s
UVSP	17:43		Associated	Qual=01	Event # = 10156	Step=0"	Pitch=+472", Yaw=+125"
HXRBS	17:39:01	17:39:22	Peak...c/s=72	Qual=01	Tot Cts=220		
UVSP	17:39		Wavelength=1375A	Qual=01	Exp #=82340		MaxkeV=102
-----							
Event # = 22222				D0Y=12			
89/01/12, 18:26	Start	End times					
GOES	18:26	18:29	CaPeak.c/s=20	Qual=00	FePeak=18:26	#Peaks=1	dt= 7.7s
BCS				Qual= 5		Step=10"	XEN=901214
FCS						Step=0"	Cad= 590s
UVSP	18:23		Wavelength=1375A		Exp #=82348		Pitch=+462", Yaw=+190"
-----							
Event # = 22223				D0Y=12			
89/01/12, 19:39	Start	End times					
GOES	19:39	20:01	CaPeak.c/s=50	Qual=00	FePeak=19:39	#Peaks=2	dt= 7.7s
BCS			Peak3...c/s=11	Qual= 5		Step=0"	XEN=901215
FCS			Wavelength=1375A			Step=0"	Cad=1.02s
UVSP	19:30				Exp #=82353		Pitch=+487", Yaw=+187"

Event # = 10166		89/01/12, 20:26		DOY=12		Peak		S31E04		SMM Pointing:		Pitch=+438", Yaw=+65", Roll=0deg		H. Ang=27deg		
Optical	Start	End times	Ha...Class=1B		N31E38		AR5318		Mac.=CAO		Carr. Lon.=274deg		H. Ang=51deg			
Optical	20:12	20:26	Ha...Class=1N		N20E44		AR5317				Carr. Lon.=268deg		H. Ang=50deg			
GOES	20:46:25	20:47:42	Importance=M5		Qual=05		Tot Cts=1449		MaxkeV=144		#Peaks=1		dt= 7.7s		XEN=901216	
HXRBS	20:46	20:58	Peak...c/s=77		Qual=01		FePeak=20:49		Rast=0"x0"		Step=0"		Cad=1.02s		1.024s/pixel	
BCS	20:46	20:58	CaPeak.c/s=25		Qual= 5		Exp #=82358		Rast=265"x265"		Step=5"		Pitch=+445", Yaw=+79"			
UVSP	20:46		Wavelength=1375A													
Event # = 10159		89/01/12, 21:21		DOY=12		Peak		S31E04		SMM Pointing:		Pitch=+438", Yaw=+65", Roll=0deg		H. Ang=27deg		
GOES	Start	End times	Peak...c/s=49		Qual=00		Tot Cts=642		MaxkeV=102		Step=0"		dt= 7.7s		XEN=901217	
HXRBS	21:20:36	21:21:21	Wavelength=1375A		Qual=01		Exp #=82364		Rast=10"x10"		Step=0"		Cad=1.02s		1.024s/pixel	
UVSP	21:16												Pitch=+477", Yaw=+78"			
Event # = 22261		89/01/12, 21:31		DOY=12		Peak		Qual=00		CaPeak.c/s=25		Qual= 1		FePeak=21:33		
GOES	Start	End times	Wavelength=1375A				Exp #=82366									
BCS	21:08	21:42														
FCS	21:30															
UVSP	21:30															
Event # = 22224		89/01/12, 22:23		DOY=12		Peak		Qual=00		CaPeak.c/s=42		Qual= 5		FePeak=22:21		
GOES	Start	End times	Peak...c/s=-1		Qual=00		Exp #=82367									
BCS	22:21	23:16	Wavelength=1375A													
FCS	22:20															
UVSP	22:20															
Event # = 10160		89/01/12, 22:51		DOY=12		Peak		S31E04		SMM Pointing:		Pitch=+438", Yaw=+54", Roll=0deg		H. Ang=27deg		
GOES	Start	End times	Peak...c/s=49		Qual=00		Tot Cts=199		MaxkeV=102		Step=0"		dt= 3.8s		XEN=901218	
HXRBS	22:51:37	22:51:44	Wavelength=1375A		Qual=01		Exp #=82373		Rast=10"x10"		Step=0"		Cad= 590s		1.024s/pixel	
UVSP	22:51												Pitch=+445", Yaw=+67"			
Event # = 10161		89/01/13, 00:31		DOY=13		Peak		S31E03		SMM Pointing:		Pitch=+438", Yaw=+48", Roll=0deg		H. Ang=27deg		
Optical	Start	End times	Ha...Class=SF		S30E03		AR5312		Mac.=FKC		Carr. Lon.=306deg		H. Ang=26deg			
GOES	23:55	00:31	Importance=M2		Qual=04		Tot Cts=13428		MaxkeV=144		Step=0"		dt= 7.7s		XEN=901219	
HXRBS	00:02:07	00:07:58	Peak...c/s=157		Qual=01		Exp #=82382		Rast=10"x10"		Step=0"		Cad= 590s		1.024s/pixel	
UVSP	00:23		Wavelength=1375A		Code=00								Pitch=+437", Yaw=+74"			
Radio	Frequency (MHz)/Flux(sfu)	8800/77		15400/140		Associated		Event # = 10162								
HXRBS	00:21:55	00:23:15	Peak...c/s=58		Qual=01		Tot Cts=1048		MaxkeV=102		Step=0"		dt= 7.7s		XEN=901220	
UVSP	00:10		Wavelength=1375A				Exp #=82380		Rast=10"x10"		Step=0"		Cad= 590s		1.024s/pixel	
HXRBS	00:40:06	00:41:02	Peak...c/s=51		Associated		Event # = 10163		MaxkeV=102		Step=0"		dt= 7.7s		XEN=901221	
UVSP	00:37		Wavelength=1375A		Qual=01		Tot Cts=404		Rast=10"x10"		Step=0"		Cad= 590s		1.024s/pixel	

Associated Event # = 22225  
 FePeak=00:50  
 Exp # = 82384  
 dt = 7.7s  
 XEN=901300  
 #Peaks=1  
 Step=0  
 Pitch=+497", Yaw=+132"

BCS 00:50 00:50 00:51 CaPeak.c/s=39  
 Wavelength=1375A  
 SMM Pointing: S31E02  
 Pitch=+438", Yaw=+28", Roll=0deg  
 H.Ang=27deg  
 UVSP 00:37 DOY=13 Peak  
 Carr. Lon.=283deg  
 H.Ang=36deg  
 MaxkeV=102  
 FePeak.c/s=20  
 dt=7.7s  
 XEN=901301  
 Step=10"  
 Cad=590s  
 1.024s/pixel  
 Rast=240"x240"  
 Pitch=+477", Yaw=+47"

Event # = 10164  
 89/01/13 02:03  
 Start  
 S31E02  
 Code=00  
 Exp # = 82391  
 Wavelength=1375A  
 SMM Pointing: S31E01  
 Pitch=+438", Yaw=+18", Roll=0deg  
 H.Ang=27deg  
 Optical  
 Ha...Class=1N  
 S34E06  
 AR5312  
 Qual=03  
 N29E39  
 AR5318  
 Importance=C9  
 Qual=01  
 Tot Cts=1177  
 Peak...c/s=49  
 Qual=1  
 FePeak=01:45  
 CaPeak.c/s=193  
 Qual=1  
 MaxkeV=320  
 FePeak.c/s=385  
 dt=7.7s  
 XEN=901302  
 Step=10"  
 Cad=590s  
 1.024s/pixel  
 Rast=240"x240"  
 Pitch=+492", Yaw=-33"

Event # = 10167  
 89/01/13 05:13  
 Start  
 S31W00  
 Code=00  
 Exp # = 82405  
 Wavelength=1375A  
 SMM Pointing: S31W00  
 Pitch=+438", Yaw=+6", Roll=0deg  
 H.Ang=27deg  
 Optical  
 Ha...Class=1N  
 S34E06  
 AR5312  
 Qual=01  
 N29E39  
 AR5318  
 Importance=C6  
 Qual=01  
 Tot Cts=328  
 Peak...c/s=45  
 Qual=1  
 FePeak=05:15  
 CaPeak.c/s=107  
 Qual=1  
 MaxkeV=102  
 FePeak.c/s=12  
 dt=7.7s  
 XEN=901303  
 Step=10"  
 Cad=1.02s  
 1.024s/pixel  
 Rast=30"x30"  
 Pitch=+432", Yaw=+90"

Event # = 22226  
 89/01/13 06:50  
 Start  
 S31W01  
 Code=00  
 Exp # = 82414  
 Wavelength=1375A  
 SMM Pointing: S31W01  
 Pitch=+438", Yaw=-18", Roll=0deg  
 H.Ang=27deg  
 Optical  
 Ha...Class=1N  
 S34E06  
 AR5312  
 Qual=03  
 N29E39  
 AR5318  
 Importance=C6  
 Qual=03  
 FePeak=06:50  
 CaPeak.c/s=158  
 Qual=3  
 MaxkeV=144  
 FePeak.c/s=17  
 dt=7.7s  
 XEN=901304  
 Step=10"  
 Cad=590s  
 1.024s/pixel  
 Rast=10"x10"  
 Pitch=+477", Yaw=+99"

Event # = 10168  
 89/01/13 08:32  
 Start  
 S31W01  
 Code=00  
 Exp # = 82421  
 Wavelength=1375A  
 SMM Pointing: S31W01  
 Pitch=+438", Yaw=-18", Roll=0deg  
 H.Ang=27deg  
 Optical  
 Ha...Class=1N  
 S34E06  
 AR5312  
 Qual=03  
 N29E39  
 AR5318  
 Importance=C6  
 Qual=03  
 Tot Cts=25720  
 Peak...c/s=315  
 Qual=03  
 FePeak=08:31  
 CaPeak.c/s=107  
 Qual=1  
 MaxkeV=144  
 FePeak.c/s=17  
 dt=7.7s  
 XEN=901304  
 Step=10"  
 Cad=590s  
 1.024s/pixel  
 Rast=30"x30"  
 Pitch=+432", Yaw=+56"

Event # = 10169	89/01/13, 10:21	DOY=13	Peak	SMM Pointing:	S31W02								Pitch=+438", Yaw=-31", Roll=0deg	H. Ang=27deg	
Optical	10:05	10:21	10:50	Ha...Class=2B	S31W05	AR5312							Mac.=FKC	Carr. Lon.=309deg	H. Ang=27deg
GOES	09:37:59	10:10:54	10:11:22	Importance=X2	Qual=02	Tot Cts=69500							MaxkeV=230	Flags=SN, EN, IS	XEN=901306
HXRBS	09:37	10:10	10:12	Peak...c/s=440	Qual=14	FePeak=10:11							Rast=240"x240"	Step=10"	dt= 7.7s
BFS	10:06			CaPeak.c/s=1303	Qual= 3	Exp # = 82424							Rast=180"x1"	Step=0"	Cad= 590s
UVSP				Wavelength=2788A	Code=01	Event # = 22227							Rast=180"x1"	Pitch=+317", Yaw=+148"	XEN=901306
BFS	10:49	10:49	10:51	Associated		FePeak=10:49							FePeak.c/s=178	#Peaks=1	dt= 3.8s
FCS				CaPeak.c/s=1059	Qual= 5	Exp # = 82425							Rast=0"x0"	Step=0"	XEN=901307
UVSP	10:41			Wavelength=2788A									Rast=180"x1"	Step=0"	Cad=3840s
														Pitch=+317", Yaw=+143"	XEN=901307
Event # = 10170	89/01/13, 10:47	DOY=13	Peak	SMM Pointing:	S31W03								Pitch=+438", Yaw=-43", Roll=0deg	H. Ang=27deg	
GOES	10:46:46	10:47:36	10:48:26	Qual=00	Qual=00	Tot Cts=2009							MaxkeV=102	Flags=SM, ES	XEN=901308
HXRBS	10:41			Peak...c/s=67	Qual=04	Exp # = 82425							Rast=180"x1"	Step=0"	Cad= 590s
UVSP				Wavelength=2788A									Rast=180"x1"	Pitch=+317", Yaw=+143"	XEN=901308
Event # = 22228	89/01/13, 11:16	DOY=13	Peak												
GOES	11:15	11:16	11:46	Qual=00	Qual= 5	FePeak=11:16							FePeak.c/s=65	#Peaks=1	dt= 7.7s
BFS				CaPeak.c/s=993	Qual= 5	Exp # = 82426							Rast=240"x240"	Step=10"	XEN=901308
FCS	11:37	11:21		Peak3...c/s=11									Rast=180"x1"	Step=0"	Cad= 590s
UVSP				Wavelength=2788A									Rast=180"x1"	Pitch=+317", Yaw=+136"	XEN=901308
Event # = 10171	89/01/13, 12:42	DOY=13	Peak	SMM Pointing:	S31W04								Pitch=+438", Yaw=-55", Roll=0deg	H. Ang=27deg	
Optical	12:25	12:42	15:27	Ha...Class=SF	S33E23	AR5316							Mac.=HRX	Carr. Lon.=280deg	H. Ang=36deg
GOES	12:21:03	12:26:31	12:27:36	Importance=M9	Qual=02	Tot Cts=90701							MaxkeV=230	Flags=SN, ES	XEN=901310
HXRBS	12:51	12:52	13:19	Peak...c/s=864	Qual=04	FePeak=12:52							FePeak.c/s=476	#Peaks=1	dt= 7.7s
BFS	12:15			CaPeak.c/s=3357	Qual= 5	Exp # = 82427							Rast=300"x240"	Step=15"	XEN=901310
FCS	12:15			Associated		Event # = 20507							Rast=180"x1"	Step=0"	Cad= 328s
UVSP				Wavelength=2788A	410/1200 606/80 4995/260	FePeak=12:26							Rast=180"x1"	Pitch=+317", Yaw=+131"	XEN=901310
Radio	12:22	12:26	12:28	CaPeak.c/s=2073	Qual= 2								FePeak.c/s=592	#Peaks=1	dt= 3.8s
BFS				Associated		Event # = 10172							Rast=300"x240"	Step=15"	XEN=901309
FCS	12:51:05	12:54:21	13:00:20	Peak...c/s=77	Qual=02	Exp # = 82428							Rast=300"x240"	Step=15"	Cad= 328s
HXRBS	13:12			Wavelength=2788A									MaxkeV=102	Flags=SA	XEN=901311
UVSP				Associated		Event # = 22229							Rast=180"x1"	Step=0"	XEN=901311
BFS	13:19	13:19	13:20	CaPeak.c/s=156	Qual= 5	FePeak=13:19							FePeak.c/s=18	#Peaks=1	dt= 7.7s
FCS				Associated		Event # = 82428							Rast=0"x0"	Step=0"	XEN=901311
UVSP	13:12			Wavelength=2788A									Rast=180"x1"	Step=0"	Cad=3840s
													Rast=180"x1"	Pitch=+317", Yaw=+124"	XEN=901311
Event # = 10173	89/01/13, 13:12	DOY=13	Peak	SMM Pointing:	S31W04								Pitch=+438", Yaw=-55", Roll=0deg	H. Ang=27deg	
GOES	13:12:03	13:12:20	13:13:37	Qual=00	Qual=00	Tot Cts=353							MaxkeV=102	Step=0"	XEN=901311
HXRBS	13:12			Peak...c/s=47	Qual=01	Exp # = 82428							Rast=180"x1"	Pitch=+317", Yaw=+124"	XEN=901311
UVSP				Wavelength=2788A									Rast=180"x1"	Step=0"	Cad=3840s

Event # = 22230		DOY=13		End times			
89/01/13,13:59	Peak						
GOES	13:54	13:59	14:08	CaPeak.c/s=317	Qual=00	FePeak=13:58	FePeak.c/s=16
BGS				WaveLength=2788A	Qual=5	Exp #=82429	Rast=240"x240"
FCS							Pitch=180"x1" Yaw=+119"
UVSP	13:48						dt= 3.8s XEN=901312
							Cad= 590s 1.024s/pixel
							Step=10"
							Step=0"
Event # = 22231		DOY=13		End times			
89/01/13,14:30	Peak						
GOES	14:23	14:30	14:52	CaPeak.c/s=243	Qual=00	FePeak=14:29	FePeak.c/s=12
BGS				WaveLength=2788A	Qual=5	Exp #=82430	Rast=240"x240"
FCS							Pitch=180"x1" Yaw=+112"
UVSP	14:45						dt= 7.7s XEN=901313
							Cad= 590s 1.024s/pixel
							Step=10"
							Step=0"
Event # = 10176		DOY=13		SMM Pointing:		Pitch=+438", Yaw=-67", Roll=0deg H. Ang=27deg	
89/01/13,15:29	Peak				S31W05		
GOES	15:27	15:29	15:37	Importance=M2	Qual=01	Tot Cts=23756	MaxkeV=230
HXRBS	15:27:30	15:27:50	15:30:39	Peak...c/s=1338	Qual=01	FePeak=15:29	FePeak.c/s=111
BGS	15:29	15:31	16:26	CaPeak.c/s=766	Qual=1	Exp #=82431	Rast=300"x240"
FCS				WaveLength=2788A	Code=01		Rast=180"x1" Yaw=+139"
UVSP	15:17			WaveLength=2788A	Code=01		dt= 3.8s XEN=901314
Radio	Frequency(MHz)/Flux(sfu):	15400/85					Cad= 328s 1.024s/pixel
							Step=15"
							Step=0"
Event # = 10177		DOY=13		SMM Pointing:		Pitch=+436", Yaw=-48", Roll=0deg H. Ang=27deg	
89/01/13,16:16	Peak				S31W03		
GOES	16:10	16:16	16:33	Importance=M1	Qual=03	Tot Cts=3610	MaxkeV=102
HXRBS	16:13:24	16:13:57	16:16:53	Peak...c/s=134	Qual=01	Exp #=82432	Rast=180"x1"
UVSP	16:20			WaveLength=2788A	Code=02		Step=0"
							Pitch=+315", Yaw=+132"
Event # = 10178		DOY=13		SMM Pointing:		Pitch=+438", Yaw=-59", Roll=0deg H. Ang=27deg	
89/01/13,17:36	Peak				S31W04		
Optical					S30W07	AR5312	Mac.=FKC
Optical					N17E52	AR5321	Carr. Lon.=307deg
GOES	16:40	17:36	19:20	Importance=M6	Qual=03	Tot Cts=4.52E+5	Carr. Lon.=248deg
HXRBS	17:01:24	17:14:54	17:58:04	Peak...c/s=937	Qual=04	FePeak=17:21	Flags=M5, SN, EN
BGS	17:02	17:25	17:59	CaPeak.c/s=3270	Qual=1	Exp #=82438	#Peaks=1 dt= 7.7s XEN=901315
FCS				WaveLength=1375A	Code=00		Step=0" Cad=1.02s 1.024s/pixel
UVSP	17:24			WaveLength=1375A	Code=00		Rast=0"x0" Pitch=+430", Yaw=-66"
Radio	Frequency(MHz)/Flux(sfu):	4995/64 8800/220					Step=0"
							Event # = 10174
HXRBS	18:50:02	18:50:09	18:50:26	Peak...c/s=65	Qual=01	Tot Cts=289	MaxkeV=102
UVSP	18:40			WaveLength=1375A	Associated	Exp #=82445	Rast=10"x10"
							Step=0"
BGS	17:59	17:59	18:00	CaPeak.c/s=80	Qual=5	Event # = 22232	Pitch=+475", Yaw=-70"
FCS				WaveLength=1375A	Associated	FePeak=17:59	#Peaks=1 dt= 7.7s XEN=901316
UVSP	17:50					Exp #=82442	Step=0" Cad=3840s 3840s/pixel
							Step=0"
BGS	18:37	18:37	19:33	CaPeak.c/s=467	Qual=5	Event # = 22233	Pitch=+440", Yaw=-69"
FCS				WaveLength=1375A	Associated	FePeak=18:37	#Peaks=1 dt= 3.8s XEN=901317
UVSP	18:35					Exp #=82443	Step=10" Cad= 332s 1.024s/pixel
							Step=5" Pitch=+443", Yaw=-58"

Event #	Start	End times	SMM Pointing:	Peak	DOY	Pitch	Yaw	Roll	H. Ang
11424	89/01/13 19:30		S31W05			+436"	-71"	0deg	27deg
Optical			Ha...Class=1N			Mac.=FKC	Carr. Lon.=309deg		H. Ang=28deg
Optical			Ha...Class=1F	AR5312			Carr. Lon.=244deg		H. Ang=59deg
Optical			Ha...Class=SF	AR5321			Carr. Lon.=269deg		H. Ang=40deg
GOES	19:20	19:46	Importance=M1	AR5317					
HRBS	19:28:24	19:30:18	Qual=03	Tot Cts=2190		MaxkeV=102	Flags=I,EN		
UVSP	19:20		Peak...c/s=65	Exp #=82451		Rast=10"x10"	Step=0" Pitch=+445"		Yaw=-146"
HRBS	19:18:32	19:19:14	Wave length=1375A	Event # = 10175		MaxkeV=102			
			Associated	Tot Cts=813					
			Qual=01						
11425	89/01/13 20:15		S31W06			+436"	-83"	0deg	27deg
Optical			Ha...Class=1N	AR5321		Mac.=DAO	Carr. Lon.=243deg		H. Ang=59deg
Optical			Ha...Class=SF	AR5315			Carr. Lon.=283deg		H. Ang=38deg
GOES	20:12	21:11	Importance=M2			MaxkeV=102	Flags=I		
HRBS	20:45:52	20:46:10	Peak...c/s=70	Tot Cts=339		FePeak.c/s=147	#Peaks=1	dt= 7.7s	XEN=901318
BCS	20:09	20:29	CaPeak.c/s=803	FePeak=20:25		Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
FCS						Rast=10"x10"	Step=0"	Pitch=+450"	Yaw=-137"
UVSP	20:12		Wave length=1375A	Exp #=82454		MaxkeV=102	Flags=I		
HRBS	20:46:39	20:46:51	Code=00	Event # = 11426		Rast=10"x10"	Step=0"		
UVSP	20:39	20:47:24	Associated	Tot Cts=292					
			Qual=01	Exp #=82458					
			Wave length=1375A						
11435	89/01/13 22:05		S31W07			+437"	-95"	0deg	27deg
Optical			Importance=M2			MaxkeV=102	Flags=I		
GOES	21:52	01:09	Peak...c/s=243	Tot Cts=48000		FePeak.c/s=3	#Peaks=1	dt= 7.7s	XEN=901320
HRBS	21:51:50	21:55:21	CaPeak.c/s=52	FePeak=22:40		Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel
BCS	22:40	22:41				Rast=10"x10"	Step=0"	Pitch=+481"	Yaw=-66"
FCS									
UVSP	22:00		Wave length=1375A	Exp #=82465		FePeak.c/s=29	#Peaks=1	dt= 7.7s	XEN=901321
HRBS	23:16	00:14	Code=00	Event # = 22235		Rast=300"x240"	Step=15"	Cad= 328s	1.024s/pixel
FCS	23:25		Associated	FePeak=23:21		Rast=10"x10"	Step=0"		
UVSP	23:20		Qual=4	Exp #=82472					
			Wave length=1375A						
10183	89/01/13 23:57		S31W07			+435"	-109"	0deg	27deg
Optical			Qual=00			MaxkeV=102			
GOES	23:56:48	23:57:21	Peak...c/s=42	Tot Cts=281		Rast=10"x10"	Step=0"		
HRBS	23:46		Wave length=1375A	Exp #=82476					
UVSP	23:46								
89/01/14									
10179	89/01/14 01:19		S31W08			+437"	-119"	0deg	28deg
Optical			Ha...Class=SF	AR5317		Mac.=CAO	Carr. Lon.=269deg		H. Ang=37deg
GOES	01:17:26	01:17:32	Qual=00	Tot Cts=200		MaxkeV=102	#Peaks=2	dt= 7.7s	XEN=901400
HRBS	00:51	01:19	Peak...c/s=52	FePeak=01:21		FePeak.c/s=7	Step=10"	Cad= 590s	1.024s/pixel
BCS	01:07	01:47	CaPeak.c/s=54	Exp #=82483		Rast=10"x10"	Step=0"	Pitch=+501"	Yaw=-55"
UVSP	01:07		Wave length=1375A						



Event # = 10180  
 89/01/14, 01:46:01 Start DOY=14 Peak  
 SMM Pointing: S31W08 H. Ang = 28deg  
 Pitch = +437", Yaw = -119", Roll = 0deg  
 End times  
 GOES 01:46:26 01:46:39 01:46:57  
 HXRBS 01:46:26 01:46:39 01:46:57  
 UVSP 01:33 01:46:39 01:46:57  
 Peak...c/s=43 Wavelength=1375A  
 Qual=00  
 Qual=01  
 Tot Cts=199  
 Exp # = 82487  
 MaxkeV=102  
 Rast=10"x10" Step=0" Pitch=+481", Yaw=-129"

Event # = 10181  
 89/01/14, 03:31:03 Start DOY=14 Peak  
 SMM Pointing: S31W09 H. Ang = 28deg  
 Pitch = -138", Yaw = -437", Roll = 90deg  
 End times  
 Optical  
 Ha...Class=1N AR5312  
 Importance=M6  
 Peak...c/s=339  
 CaPeak.c/s=867  
 GOES 02:08 03:31 03:59  
 HXRBS 02:57:00 03:08:54 03:16:16  
 BCS 02:30 03:12 03:22  
 FCS  
 UVSP  
 Radio  
 Wavelength=1375A Code=01 Exp # = 82496  
 2695/120 8800/310 15400/280  
 MaxkeV=230  
 FePeak.c/s=136  
 Rast=0"x0" Cad=1.02s  
 Rast=10"x10" Pitch=0" Step=0"  
 Carr. Lon. = 309deg  
 H. Ang = 30deg  
 Flags=M5,D6,ND  
 #Peaks=2 dt= 7.7s XEN=901401  
 Step=0" Cad=1.02s 1.024s/pixel  
 Step=0" Pitch=-222", Yaw=-451"

Event # = 10182  
 89/01/14, 04:19:04 Start DOY=14 Peak  
 SMM Pointing: S31W10 H. Ang = 28deg  
 Pitch = +439", Yaw = -140", Roll = 0deg  
 End times  
 Optical  
 Ha...Class=2B AR5312  
 Importance=X2  
 Peak...c/s=5534  
 CaPeak.c/s=7366  
 GOES 04:05 04:19 06:17  
 HXRBS 04:06:42 04:13:43 04:53:24  
 BCS 04:09 04:18 04:54  
 FCS  
 UVSP  
 Radio  
 Wavelength=1375A Code=02 Exp # = 82501  
 2695/50 8800/350 15400/380  
 Type/Intensity: II/1 IV/1  
 FePeak.c/s=22  
 Wavelength=1375A  
 FePeak.c/s=2  
 Rast=10"x10" dt= 7.7s XEN=901403  
 #Peaks=1 Step=0" Pitch=+456", Yaw=-222"

Event # = 22237  
 89/01/14, 07:22:07 Start DOY=14 Peak  
 SMM Pointing: S31W12 H. Ang = 29deg  
 Pitch = +438", Yaw = -168", Roll = 0deg  
 End times  
 GOES 07:22 07:22 08:01  
 HXRBS 07:42:01 07:42:38 07:42:55  
 UVSP 07:34 07:42:01 07:42:38  
 Peak...c/s=60 Wavelength=1375A  
 Qual=00  
 Qual=01  
 Tot Cts=422  
 Exp # = 82519  
 MaxkeV=102  
 Rast=10"x10" Step=0" Pitch=+456", Yaw=-224"

Event # = 22238  
 89/01/14, 07:22:07 Start DOY=14 Peak  
 SMM Pointing: S31W12 H. Ang = 29deg  
 Pitch = +438", Yaw = -168", Roll = 0deg  
 End times  
 GOES 07:22 07:22 08:01  
 HXRBS 07:42:01 07:42:38 07:42:55  
 UVSP 07:34 07:42:01 07:42:38  
 Peak...c/s=60 Wavelength=1375A  
 Qual=00  
 Qual=01  
 Tot Cts=422  
 Exp # = 82519  
 MaxkeV=102  
 Rast=10"x10" Step=0" Pitch=+456", Yaw=-224"

Event # = 22239  
 89/01/14, 07:22:07 Start DOY=14 Peak  
 SMM Pointing: S31W12 H. Ang = 29deg  
 Pitch = +438", Yaw = -168", Roll = 0deg  
 End times  
 GOES 07:22 07:22 08:01  
 HXRBS 07:42:01 07:42:38 07:42:55  
 UVSP 07:34 07:42:01 07:42:38  
 Peak...c/s=60 Wavelength=1375A  
 Qual=00  
 Qual=01  
 Tot Cts=422  
 Exp # = 82519  
 MaxkeV=102  
 Rast=10"x10" Step=0" Pitch=+456", Yaw=-224"

Event # = 10185		SMM Pointing: S31W12		Pitch=+437", Yaw=-178", Roll=0deg		H. Ang=29deg	
89/01/14, 09:13	Start	DOY=14	Peak				
GOES	End times						
HXRBS	09:13:39	09:13:44	09:13:50				
UVSP	08:55	Peak...c/s=48		Tot Cts=81			
		Wavelength=2788A		Exp #=82525		MaxkeV=102	
				Rast=243"x243"		Step=3" Pitch=+444", Yaw=-167"	
Event # = 22239		SMM Pointing: S31W12		Pitch=+437", Yaw=-178", Roll=0deg		H. Ang=29deg	
89/01/14, 09:31	Start	DOY=14	Peak				
GOES	End times						
BCS	08:59	09:31	09:36				
FCS	Peak...c/s=139		FePeak=09:30				
UVSP	09:28	Wavelength=2788A		Exp #=82526			
				Rast=180"x1"		dt= 3.8s XEN=901406	
				Cad= 328s		1.024s/pixel	
				Pitch=+317", Yaw=+1"			
Event # = 22240		SMM Pointing: S31W12		Pitch=+437", Yaw=-178", Roll=0deg		H. Ang=29deg	
89/01/14, 11:03	Start	DOY=14	Peak				
GOES	End times						
BCS	10:36	11:03	11:09				
FCS	CaPeak.c/s=43		FePeak=11:03				
UVSP	11:03	Wavelength=2788A		Exp #=82528			
				Rast=180"x1"		dt= 7.7s XEN=901419	
				Cad=1.02s		1.024s/pixel	
				Pitch=+317", Yaw=-11"			
Event # = 22241		SMM Pointing: S31W12		Pitch=+437", Yaw=-178", Roll=0deg		H. Ang=29deg	
89/01/14, 12:40	Start	DOY=14	Peak				
GOES	End times						
BCS	12:40	12:40	12:41				
FCS	CaPeak.c/s=19		FePeak=12:40				
UVSP	12:35	Wavelength=2788A		Exp #=82530			
				Rast=180"x1"		dt= 7.7s XEN=901407	
				Cad=1.02s		1.024s/pixel	
				Pitch=+317", Yaw=-23"			
Event # = 22242		SMM Pointing: S31W15		Pitch=+438", Yaw=-213", Roll=0deg		H. Ang=30deg	
89/01/14, 13:21	Start	DOY=14	Peak				
GOES	End times						
BCS	13:18	13:21	13:27				
FCS	CaPeak.c/s=41		FePeak=13:18				
UVSP	13:08	Wavelength=2788A		Exp #=82531			
Radio Sweeps	Type/Intensity: III/I						
Radio Frequency (MHz)/Flux(sfu):	410/390						
Event # = 10186		SMM Pointing: S31W15		Pitch=+438", Yaw=-213", Roll=0deg		H. Ang=30deg	
89/01/14, 13:56	Start	DOY=14	Peak				
Optical	End times						
GOES	13:51	13:56	14:46				
HXRBS	13:51:27	13:52:38	13:56:04				
BCS	13:46	13:56	14:16				
FCS	CaPeak.c/s=493		FePeak=13:56				
UVSP	14:10	Wavelength=2788A		Exp #=82532			
Radio Frequency (MHz)/Flux(sfu):	4995/230 8800/440 15400/640						

Event # = 22243  
89/01/14, 15:35 DOY=14  
Start Peak  
Optical  
GOES 14:52 15:35  
BCS  
FCS  
UVSP 15:43

Ha...Class=SF  
N22E20  
Qual=00  
Qual= 5  
FePeak=15:35  
Exp #=82534  
WaveLength=2788A

Mac.=CAO  
Carr.Lon.=268deg  
H.Ang=33deg  
#Peaks=2  
dt= 7.7s  
XEN=901410  
Step=0  
Cad=1.02s  
1.024s/pixel  
Step=0  
Pitch=+316", Yaw=-46"

Event # = 22244  
89/01/14, 15:47 DOY=14  
Start Peak  
GOES 15:46 15:47  
BCS  
FCS  
UVSP 15:43

CaPeak.c/s=22  
Wavelength=2788A  
Qual=00  
Qual= 4  
FePeak=15:46  
Exp #=82534

FePeak.c/s=6  
Rast=0"x0"  
Rast=180"x1"  
#Peaks=1  
dt= 7.7s  
XEN=901411  
Step=0  
Cad=3840s  
3840s/pixel  
Step=0  
Pitch=+316", Yaw=-46"

Event # = 10187  
89/01/14, 16:43 DOY=14  
Start Peak  
Optical  
GOES  
HXRS  
BCS  
FCS  
UVSP 16:33

SMM Pointing:  
S31W16  
Ha...Class=SF  
N22E20  
Qual=00  
Qual=01  
Qual= 1  
Tot Cts=874  
FePeak=16:43  
Exp #=82538  
WaveLength=1375A

Pitch=+437", Yaw=-238", Roll=0deg  
H.Ang=31deg  
Mac.=CAO  
Carr.Lon.=267deg  
H.Ang=33deg  
MaxkeV=144  
#Peaks=2  
dt= 7.7s  
XEN=901412  
Step=10"  
Cad= 590s  
1.024s/pixel  
Step=0"  
Pitch=+476", Yaw=-301"

Event # = 22245  
89/01/14, 18:34 DOY=14  
Start Peak  
Optical  
GOES 18:34 18:34  
BCS  
FCS  
UVSP 18:29

Ha...Class=SN  
N17E42  
Qual=00  
Qual= 4  
FePeak=18:39  
Exp #=82550  
WaveLength=1375A

Mac.=EKI  
Carr.Lon.=244deg  
H.Ang=47deg  
#Peaks=1  
dt= 7.7s  
XEN=901413  
Step=0"  
Cad=1.02s  
1.024s/pixel  
Step=0"  
Pitch=+486", Yaw=-235"

Event # = 10188  
89/01/14, 19:48 DOY=14  
Start Peak  
Optical  
GOES 19:40 19:48  
HXRS 19:40:02 19:42:44  
BCS 19:33 19:39  
FCS  
UVSP 19:37  
Radio  
Frequency(MHz)/Flux(sfu):

SMM Pointing:  
S31W18  
Ha...Class=1N  
Importance=C8  
Peak...c/s=108  
CaPeak.c/s=33  
Qual= 4  
Tot Cts=6834  
FePeak=19:33  
Exp #=82555  
Wavelength=1375A  
Code=00  
4995/79

Pitch=+438", Yaw=-259", Roll=0deg  
H.Ang=31deg  
Mac.=EKI  
Carr.Lon.=242deg  
H.Ang=49deg  
MaxkeV=102  
#Peaks=1  
dt= 7.7s  
XEN=901414  
Step=0"  
Cad=1.02s  
1.024s/pixel  
Step=0"  
Pitch=+442", Yaw=-188"

Event # = 10189  
89/01/14, 21:11 DOY=14  
Start Peak  
Optical  
GOES 21:10:51 21:11:25  
HXRS  
UVSP 21:09

SMM Pointing:  
S31W19  
Ha...Class=SF  
N22E17  
Qual=00  
Qual=01  
Peak...c/s=92  
Wavelength=1375A  
Tot Cts=3896  
Exp #=82564

Pitch=+438", Yaw=-270", Roll=0deg  
H.Ang=32deg  
Mac.=CAO  
Carr.Lon.=268deg  
H.Ang=31deg  
MaxkeV=144  
Rast=10"x10"  
Step=0"  
Pitch=+452", Yaw=-245"

Event # = 10190  
 89/01/14, 21:48 DOY=14 Peak Start End times  
 SMM Pointing: S31W19 Pitch=+438", Yaw=-270", Roll=0deg H. Ang=32deg  
 Ha...Class=SF S31W24 AR5312 Mac.=FKC Carr. Lon.=308deg H. Ang=35deg  
 Importance=M2 S31W02 Qual=03  
 Peak...c/s=1802 Qual=01 Tot Cts=59141 #Peaks=2 dt= 7.7s XEN=901415  
 CaPeak.c/s=1535 Qual=1 FePeak=21:46 Rast=240"x240" Cad= 590s 1.024s/pixel  
 Wavelength=1375A Code=00 Exp #=82568 Step=0" Pitch=+462", Yaw=-248"  
 Associated Event # = 22246 #Peaks=1 dt= 7.7s XEN=901416  
 CaPeak.c/s=62 Qual=5 FePeak=22:04 Rast=0"x0" Cad=3840s 3840s/pixel  
 Wavelength=1375A Exp #=82570 Step=0" Pitch=+442", Yaw=-320"

Event # = 11427  
 89/01/14, 22:42 DOY=14 Peak Start End times  
 SMM Pointing: S31W20 Pitch=+438", Yaw=-282", Roll=0deg H. Ang=32deg  
 Ha...Class=1B S24W26 AR5312 Carr. Lon.=310deg H. Ang=32deg  
 Ha...Class=SF S31W02 AR5316 Carr. Lon.=286deg H. Ang=26deg  
 Importance=X1 Qual=03  
 Peak...c/s=653 Qual=02 Tot Cts=1.31E+5 #Peaks=1 dt= 3.8s XEN=901417  
 CaPeak.c/s=5603 Qual=1 FePeak=22:43 Rast=300"x240" Cad= 328s 1.024s/pixel  
 Wavelength=1375A Code=00 Exp #=82571 Step=5" Pitch=+445", Yaw=-269"  
 Frequency(MHz)/Flux(sfu): 15400/180  
 Associated Event # = 22247 #Peaks=1 dt= 7.7s XEN=901418  
 CaPeak.c/s=493 Qual=1 FePeak=23:36 Rast=240"x240" Cad= 590s 1.024s/pixel  
 Wavelength=1375A Exp #=82579 Step=0" Pitch=+443", Yaw=-381"

Event # = 11428  
 89/01/14, 22:55 DOY=14 Peak Start End times  
 SMM Pointing: S31W20 Pitch=+438", Yaw=-282", Roll=0deg H. Ang=32deg  
 Peak...c/s=50 Qual=00 MaxkeV=102 Carr. Lon.=331deg H. Ang=49deg  
 Wavelength=1375A Qual=01 FePeak=00:44 #Peaks=1 dt= 7.7s XEN=901500  
 Tot Cts=281 Rast=10"x10" Cad= 328s 1.024s/pixel  
 Exp #=82573 Step=0" Pitch=+422", Yaw=-386"

Event # = 22248  
 89/01/15, 00:44 DOY=15 Peak Start End times  
 SMM Pointing: S17W48 AR5311 Mac.=CS0 Carr. Lon.=331deg H. Ang=49deg  
 Ha...Class=SF S17W48 Qual=03 FePeak.c/s=66 #Peaks=1 dt= 7.7s XEN=901500  
 Importance=M2 Qual=1 FePeak=00:44 Rast=300"x240" Cad= 328s 1.024s/pixel  
 CaPeak.c/s=687 Qual=1 Exp #=82586 Step=0" Pitch=+433", Yaw=-296"  
 Wavelength=1375A Code=00

Event # = 22249  
 89/01/15, 01:54 DOY=15 Peak Start End times  
 SMM Pointing: S17W48 AR5311 Mac.=CS0 Carr. Lon.=331deg H. Ang=49deg  
 Ha...Class=SF S17W48 Qual=03 FePeak.c/s=14 #Peaks=1 dt= 3.8s XEN=901501  
 Importance=M2 Qual=5 FePeak=01:52 Rast=0"x0" Cad=1.02s 1.024s/pixel  
 CaPeak.c/s=75 Qual=5 Exp #=82591 Step=0" Pitch=+483", Yaw=-304"  
 Wavelength=1375A

Event # = 10191  
89/01/15, 03:47 DOY=15 SMM Pointing: S31W22 H. Ang=34deg  
Start Peak 03:47 03:57  
GOES 03:23 03:47 03:46:26 03:46:54 Importance=M1 Qual=04  
HXRBS 03:45:49 03:46:26 03:46:54 Peak...c/s=48 Qual=01  
UVSP 03:41 03:41 03:46:26 03:46:54 Wavelength=1375A Code=00 Tot Cts=382  
Step=0" Pitch=+493" , Yaw=-316" , Roll=0deg Rast=10"x10" MaxkeV=102  
Exp #=82602

Event # = 10193  
89/01/15, 04:14 DOY=15 SMM Pointing: S31W22 H. Ang=34deg  
Start Peak 04:14 04:18  
GOES 04:08 04:14 04:15:00 04:15:28 Importance=M1 Qual=01  
HXRBS 04:14:38 04:15:00 04:15:28 CaPeak...c/s=443 Qual= 2 dt= 7.7s XEN=901502  
BCS 03:32 04:15 04:19 WaveLength=1375A Code=00 Exp #=82606 FePeak=04:15  
FCS 04:08 Type/Intensity: III/I Cad= 590s 1.024s/pixel  
UVSP 04:08 Radio Sweeps Associated Event # = 10192 Rast=240"x240" Step=10"  
MaxkeV=187 #Peaks=1 dt= 7.7s XEN=901502  
Step=0" Pitch=+433" , Yaw=-310"  
Exp #=82606

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89/01/15, 04:13:05 04:13:12 Peak...c/s=59 Qual=01  
HXRBS 04:12:59 04:13:05 04:13:12 Associated Event # = 10192  
Tot Cts=88 MaxkeV=102

Event # = 22250  
89/01/15, 05:06 DOY=15 SMM Pointing: S31W19 H. Ang=32deg  
Start Peak 05:06 05:37  
Optical Ha...Class=SN AR5312 Carr. Lon.=299deg H. Ang=32deg  
GOES 04:58 05:06 05:37 Importance=M2 Qual=04 #Peaks=1 dt= 3.8s XEN=901503  
BCS 05:06 05:09 05:52 CaPeak...c/s=762 Qual= 5 FePeak=05:09 Cad=1.02s  
FCS 05:06 WaveLength=1375A Code=00 Exp #=82609 Rast=0"x0" Step=0"  
UVSP 05:05 WaveLength=1375A Code=00 Exp #=82609 Rast=30"x30" Step=10" Pitch=+424" , Yaw=-417"

Event # = 10194  
89/01/15, 05:40 DOY=15 SMM Pointing: S31W23 H. Ang=34deg  
Start Peak 05:40 05:53  
Optical Ha...Class=SF AR5318 Carr. Lon.=268deg H. Ang=36deg  
GOES 05:39:16 05:40:04 05:40:45 Peak...c/s=57 Qual=01 MaxkeV=102  
HXRBS 05:39:16 05:40:04 05:40:45 Wavelength=1375A Tot Cts=487  
UVSP 05:37 Wavelength=1375A Exp #=82611 Rast=30"x30" Step=10" Pitch=+424" , Yaw=-421"

Event # = 22251  
89/01/15, 05:52 DOY=15 SMM Pointing: S31W26 H. Ang=36deg  
Start Peak 05:52 05:53  
GOES 05:52 05:53 05:53 CaPeak...c/s=32 Qual=00  
BCS 05:52 05:53 05:53 Wavelength=1375A Qual= 5 FePeak=05:52  
UVSP 05:37 Wavelength=1375A Exp #=82611 Rast=30"x30" Step=10" Pitch=+424" , Yaw=-421"

Event # = 10195  
89/01/15, 09:59:59 DOY=15 SMM Pointing: S31W26 H. Ang=36deg  
Start Peak 09:59:59 09:59:21  
GOES 09:59:06 09:59:13 09:59:21 Peak...c/s=78 Qual=00  
HXRBS 09:59:06 09:59:13 09:59:21 Wavelength=2788A Tot Cts=233  
UVSP 09:52 Wavelength=2788A Exp #=82627 Rast=243"x243" Step=3" Pitch=+448" , Yaw=-349"

Event # = 11515 89/01/15, 11:50 Start Peak	DOY=15 Peak	SMM Pointing:	S31W26								Pitch=+441", Yaw=-372", Roll=0deg	H. Ang=36deg
Optical												
GOES 11:47	11:50	Ha...Class=SF	S32W26								Mac.=FKC	Carr. Lon.=303deg
HXRBS 11:47:06	11:51:53	Importance=C7	Qual=01									H. Ang=37deg
UVSP 12:00		Peak...c/s=81	Qual=01								MaxkeV=187	Flags=I
Radio		Wavelength=2788A									Rast=180" x1"	Step=0" Pitch=+320", Yaw=-192"
Frequency(MHz)/Flux(sfu):		245/580 410/770										
HXRBS 11:45:34	11:46:15	Peak...c/s=47	Associated	Event # = 11514								
			Qual=01	Tot Cts=445							MaxkeV=144	Flags=I
Event # = 22252 89/01/15, 12:45 Start Peak	DOY=15 Peak											
GOES 12:43	12:45	CaPeak.c/s=168	Qual=5	FePeak=12:45								
FCS												
UVSP 12:33		Wavelength=2788A		Exp #=82631								
Event # = 22253 89/01/15, 13:02 Start Peak	DOY=15 Peak											
Optical												
Optical												
GOES 12:58	13:02	Ha...Class=SF	S31W30	AR5312							Carr. Lon.=306deg	H. Ang=39deg
BSC 13:07	13:08	Ha...Class=SF	N21E05	AR5317							Carr. Lon.=271deg	H. Ang=26deg
FCS		Importance=M1	Qual=05									
UVSP 12:33		CaPeak.c/s=200	Qual=1	FePeak=13:08							#Peaks=1	dt= 7.7s XEN=901506
		Wavelength=2788A		Exp #=82631							Step=10" Cad= 590s	XEN=901507
Event # = 22254 89/01/15, 14:24 Start Peak	DOY=15 Peak											
GOES 14:19	14:24	Importance=C6	Qual=01	FePeak=14:24								
BSC 14:16	14:25	CaPeak.c/s=129	Qual=2	Exp #=82633								
FCS												
UVSP 14:06		Wavelength=2788A	Code=01									
Radio		245/140										
Frequency(MHz)/Flux(sfu):												
Event # = 11518 89/01/15, 15:51 Start Peak	DOY=15 Peak	SMM Pointing:	S31W28									
Optical												
GOES 15:46	15:51	Ha...Class=1B	S31W36	AR5312								
HXRBS 15:48:35	15:50:11	Importance=M5	Qual=01									
GRS 15:49:00	15:52:00	Peak...c/s=887	Qual=01	Tot Cts=41600								
BSC 15:50	15:52	CaPeak.c/s=2166	Qual=1	FePeak=15:52								
FCS												
UVSP 15:54		Wavelength=1375A	Code=02	Exp #=82636								
			Associated	Event # = 11520								
HXRBS 16:06:29	16:06:47	Peak...c/s=1267	Qual=01	Tot Cts=4750								
UVSP 15:58		Wavelength=1375A		Exp #=82638								
			Associated	Event # = 22255								
BSC 16:20	16:32	CaPeak.c/s=176	Qual=1	FePeak=16:31								
FCS												
UVSP 16:25		Wavelength=1375A		Exp #=82642								

Event # = 22256		DOY=15													
89/01/15,17:33	Start	17:40	End times	17:33	Peak	17:34	Peak	17:37	Peak	17:25	Start	17:23	Start	17:26	Start
GOES	17:25	18:21	Importance=C7	17:33	CaPeak.c/s=141	17:34	Qual=1	17:37	FePeak=17:25	17:25	FePeak=17:25	17:23	FePeak=17:25	17:26	FePeak=17:25
BCS	17:23	18:21	CaPeak.c/s=141	17:33	Peak3..c/s=516	17:34	Code=00	17:37	Exp #=82646	17:25	Exp #=82646	17:23	Exp #=82646	17:26	Exp #=82646
FCS	17:23	18:21	Wavelength=1375A	17:33	Code=00	17:34	Code=00	17:37	Exp #=82646	17:25	Exp #=82646	17:23	Exp #=82646	17:26	Exp #=82646
UVSP	17:26	18:21	Wavelength=1375A	17:33	Code=00	17:34	Code=00	17:37	Exp #=82646	17:25	Exp #=82646	17:23	Exp #=82646	17:26	Exp #=82646
Event # = 22257		DOY=15													
89/01/15,19:41	Start	19:50	End times	19:41	Peak	19:40	Peak	19:40	Peak	19:25	Start	19:25	Start	19:26	Start
Optical	19:25	19:55	Ha...Class=SF	19:41	S31W30	19:40	AR5312	19:40	AR5312	19:25	AR5312	19:23	AR5312	19:26	AR5312
GOES	19:25	19:55	Importance=C7	19:41	Qual=03	19:40	FePeak=19:39	19:40	FePeak=19:39	19:25	FePeak=19:39	19:23	FePeak=19:39	19:26	FePeak=19:39
BCS	18:59	19:55	CaPeak.c/s=310	19:40	Qual=3	19:40	Exp #=82661	19:40	Exp #=82661	19:25	Exp #=82661	19:23	Exp #=82661	19:26	Exp #=82661
FCS	18:59	19:55	Wavelength=1375A	19:40	Code=00	19:40	Code=00	19:40	Exp #=82661	19:25	Exp #=82661	19:23	Exp #=82661	19:26	Exp #=82661
UVSP	19:40	19:55	Wavelength=1375A	19:40	Code=00	19:40	Code=00	19:40	Exp #=82661	19:25	Exp #=82661	19:23	Exp #=82661	19:26	Exp #=82661
Event # = 10197		DOY=15													
89/01/15,20:38	Start	21:03	End times	20:38	Peak	20:35	Peak	20:39	Peak	20:35	Start	20:31	Start	20:33	Start
Optical	20:35	21:03	SMM Pointing:	20:38	S31W35	20:35	AR5312	20:39	AR5312	20:35	AR5312	20:31	AR5312	20:33	AR5312
GOES	20:35	21:03	Ha...Class=SF	20:38	Qual=01	20:35	Tot Cts=3842	20:39	Tot Cts=3842	20:35	Tot Cts=3842	20:31	Tot Cts=3842	20:33	Tot Cts=3842
HXRBS	20:33:38	20:46:46	Importance=M1	20:38	Qual=01	20:35	FePeak=20:39	20:39	FePeak=20:39	20:35	FePeak=20:39	20:31	FePeak=20:39	20:33	FePeak=20:39
BCS	20:31	21:29	Peak...c/s=61	20:39	Qual=1	20:35	Exp #=82664	20:39	Exp #=82664	20:35	Exp #=82664	20:31	Exp #=82664	20:33	Exp #=82664
FCS	20:31	21:29	CaPeak.c/s=419	20:39	Code=00	20:35	Code=00	20:39	Code=00	20:35	Code=00	20:31	Code=00	20:33	Code=00
UVSP	20:33	21:29	Wavelength=1375A	20:39	Code=00	20:35	Code=00	20:39	Code=00	20:35	Code=00	20:31	Code=00	20:33	Code=00
Event # = 10196		DOY=15													
89/01/15,21:17	Start	21:50	End times	21:17	Peak	21:15	Peak	21:14	Peak	21:15	Start	21:15	Start	21:16	Start
Optical	21:15	21:50	SMM Pointing:	21:17	S31W35	21:15	AR5321	21:14	AR5321	21:15	AR5321	21:15	AR5321	21:16	AR5321
GOES	21:15	21:50	Importance=C7	21:17	Qual=03	21:15	Tot Cts=3006	21:14	Tot Cts=3006	21:15	Tot Cts=3006	21:15	Tot Cts=3006	21:16	Tot Cts=3006
HXRBS	21:15:31	21:17:07	Peak...c/s=119	21:17	Qual=01	21:15	Exp #=82670	21:14	Exp #=82670	21:15	Exp #=82670	21:15	Exp #=82670	21:16	Exp #=82670
UVSP	21:14	21:50	Wavelength=1375A	21:17	Code=00	21:15	Code=00	21:14	Code=00	21:15	Code=00	21:15	Code=00	21:16	Code=00
Event # = 10198		DOY=15													
89/01/15,22:19	Start	22:29	End times	22:19	Peak	22:18	Peak	22:20	Peak	22:18	Start	22:04	Start	22:07	Start
Optical	22:18	22:29	SMM Pointing:	22:19	S31W35	22:18	AR5321	22:20	AR5321	22:18	AR5321	22:04	AR5321	22:07	AR5321
GOES	22:13	22:29	Ha...Class=SF	22:19	N20E30	22:18	Tot Cts=407	22:20	Tot Cts=407	22:18	Tot Cts=407	22:04	Tot Cts=407	22:07	Tot Cts=407
HXRBS	22:16:31	22:18:49	Importance=C4	22:19	Qual=01	22:18	FePeak=22:05	22:20	FePeak=22:05	22:18	FePeak=22:05	22:04	FePeak=22:05	22:07	FePeak=22:05
BCS	22:04	22:38	Peak...c/s=52	22:20	Qual=1	22:18	Exp #=82673	22:20	Exp #=82673	22:18	Exp #=82673	22:04	Exp #=82673	22:07	Exp #=82673
FCS	22:04	22:38	CaPeak.c/s=32	22:20	Code=00	22:18	Code=00	22:20	Code=00	22:18	Code=00	22:04	Code=00	22:07	Code=00
UVSP	22:07	22:38	Wavelength=1375A	22:20	Code=00	22:18	Code=00	22:20	Code=00	22:18	Code=00	22:04	Code=00	22:07	Code=00
Event # = 22258		DOY=15													
89/01/15,22:44	Start	23:00	End times	22:44	Peak	22:43	Peak	22:44	Peak	22:43	Start	22:43	Start	22:44	Start
Optical	22:43	23:00	CaPeak.c/s=18	22:44	Qual=4	22:43	FePeak=22:51	22:44	FePeak=22:51	22:43	FePeak=22:51	22:43	FePeak=22:51	22:44	FePeak=22:51
GOES	22:43	23:00	Wavelength=1375A	22:44	Qual=00	22:43	Exp #=82677	22:44	Exp #=82677	22:43	Exp #=82677	22:43	Exp #=82677	22:44	Exp #=82677
BCS	22:43	23:00	CaPeak.c/s=18	22:44	Qual=4	22:43	FePeak=22:51	22:44	FePeak=22:51	22:43	FePeak=22:51	22:43	FePeak=22:51	22:44	FePeak=22:51
FCS	22:43	23:00	Wavelength=1375A	22:44	Qual=00	22:43	Exp #=82677	22:44	Exp #=82677	22:43	Exp #=82677	22:43	Exp #=82677	22:44	Exp #=82677
UVSP	22:33	23:00	Wavelength=1375A	22:44	Qual=00	22:43	Exp #=82677	22:44	Exp #=82677	22:43	Exp #=82677	22:43	Exp #=82677	22:44	Exp #=82677

Event # = 22259		89/01/15, 23:40		DOY=15		
	Start	Peak	End times			
GOES	23:40	23:40	00:37	CaPeak.c/s=48	Qual=00	FePeak=23:40
BCS				WaveLength=1375A	Qual=5	Exp #=82680
FCS						
UVSP	23:37					
89/01/16 DOY=16						
Event # = 22260		89/01/16, 01:25		DOY=16		
	Start	Peak	End times			
Optical				Ha...Class=SN	S30W10	AR5316
GOES	01:18	01:25	01:28	Importance=C2	Qual=01	
BCS	01:17	01:24	02:09	CaPeak.c/s=40	Qual=1	FePeak=01:24
FCS						
UVSP	01:18			WaveLength=1375A	Code=00	Exp #=82691
89/01/16 DOY=16						
Event # = 10201		89/01/16, 03:28		DOY=16		
	Start	Peak	End times			
Optical				SMM Pointing:	S31W38	
GOES	03:09	03:28	04:20	Ha...Class=2B	S31W40	AR5312
HXRBS	03:21:47	03:25:15	03:28:22	Importance=M2	Qual=03	
BCS	02:53	03:26	03:44	Peak...c/s=1422	Qual=01	Tot Cts=36591
FCS				CaPeak.c/s=913	Qual=1	FePeak=03:26
UVSP	03:18			WaveLength=1375A	Code=00	Exp #=82704
Radio				Frequency(MHz)/Flux(sfu):	606/840 2695/52 8800/190 15400/240	
HXRBS	03:17:53	03:18:12	03:18:31	Peak...c/s=409	Qual=01	Tot Cts=3284
UVSP	03:17			WaveLength=1375A	Code=00	Exp #=82703
HXRBS	03:19:03	03:19:09	03:19:49	Associated	Event # = 10199	
				Peak...c/s=48	Qual=01	Tot Cts=286
89/01/16 DOY=16						
Event # = 10202		89/01/16, 04:55		DOY=16		
	Start	Peak	End times			
Optical				SMM Pointing:	S31W39	
GOES	04:53	04:55	05:06	Ha...Class=SN	N22W03	AR5317
HXRBS	04:52:54	04:53:43	04:54:05	Importance=C6	Qual=01	
BCS	04:32	04:59	05:17	Peak...c/s=155	Qual=01	Tot Cts=1776
FCS				CaPeak.c/s=159	Qual=1	FePeak=04:56
UVSP	04:43			WaveLength=1375A	Code=00	Exp #=82711
Radio				Frequency(MHz)/Flux(sfu):	8800/76	
89/01/16 DOY=16						
Event # = 20516		89/01/16, 04:59		DOY=16		
	Start	Peak	End times			
GOES	04:32	04:59	05:17	CaPeak.c/s=159	Qual=00	FePeak=04:56
BCS				WaveLength=1375A	Qual=1	Exp #=82713
FCS						
UVSP	04:56					



Event # = 10203	DOY=16	SMM Pointing:	S31W39	Pitch=+447",	Yaw=-522",	Roll=0deg	H. Ang=45deg
89/01/16, 05:09	Peak	End times	Qual=00	MaxkeV=144	Step=0"		
GOES	05:09:16	05:09:18	Qual=01	Rast=10"x10"			
HXRBS	05:09:16	05:09:21	Peak...c/s=149				
UVSP	05:09:16	05:09:21	Wavelength=1375A				
Event # = 10204	DOY=16	SMM Pointing:	S31W39	Pitch=+448",	Yaw=-532",	Roll=0deg	H. Ang=45deg
89/01/16, 06:31	Peak	End times	AR5312	Mac. =FKC	Carr. Lon.=304deg		
Optical	06:21	07:00	Ha...Class=1N	MaxkeV=274	#Peaks=1	dt= 7.7s	XEN=901604
GOES	06:19:52	06:22:04	Importance=M1	FePeak.c/s=6	Step=10"	Cad= 590s	1.024s/pixel
HXRBS	06:19:52	06:38:14	Peak...c/s=669	Rast=240"x240"	Step=0"		
BCS	06:50	06:51	CaPeak.c/s=43	Rast=10"x10"			
FCS	06:28		WaveLength=1375A	Code=00	Exp #=82720		
UVSP	06:28		8800/190	15400/440			
Radio	Frequency(MHz)/Flux(sfu):						
Event # = 10205	DOY=16	SMM Pointing:	S31W40	Pitch=+449",	Yaw=-542",	Roll=0deg	H. Ang=46deg
89/01/16, 07:40	Peak	End times	AR5311	Mac. =CSO	Carr. Lon.=330deg		
Optical	07:29	08:15	Ha...Class=SF	MaxkeV=102	#Peaks=1	dt= 3.8s	XEN=901605
Optical	07:29	08:15	Ha...Class=SF	FePeak.c/s=12	Step=10"	Cad= 590s	1.024s/pixel
GOES	07:46:55	07:47:15	Importance=C6	Rast=240"x240"	Step=5"		
HXRBS	07:46:55	07:47:15	Peak...c/s=71				
BCS	07:45	08:25	CaPeak.c/s=136				
FCS	07:45		WaveLength=1375A	Code=02	Exp #=82724		
UVSP	07:41		8800/190	15400/440			
Radio	Frequency(MHz)/Flux(sfu):						
Event # = 10207	DOY=16	SMM Pointing:	S31W41	Pitch=+450",	Yaw=-552",	Roll=0deg	H. Ang=47deg
89/01/16, 09:21	Peak	End times	AR5312	Mac. =FKC	Carr. Lon.=302deg		
Optical	09:00	10:00	Ha...Class=1F	MaxkeV=102	#Peaks=1	dt= 3.8s	XEN=901607
GOES	09:31:25	09:32:00	Importance=M2	Rast=243"x243"	Step=3"		
HXRBS	09:31:25	09:32:58	Peak...c/s=48				
UVSP	09:18		WaveLength=2788A	Code=00	Exp #=82734		
Radio	Sweeps	Type/Intensity:	II/2				
Radio	Frequency(MHz)/Flux(sfu):	4995/85	8800/56	15400/130	Event # = 10206		
HXRBS	09:25:35	09:26:20	4995/85	8800/56	15400/130		
			Associated	Qual=01	Tot Cts=448		
			Peak...c/s=52				
Event # = 22262	DOY=16	End times	Qual=00	FePeak.c/s=4	#Peaks=1	dt= 3.8s	XEN=901607
89/01/16, 10:35	Peak	10:37	Qual= 5	Rast=0"x0"	Step=0"		
GOES	10:35	10:35	CaPeak.c/s=45	Rast=180"x1"	Step=0"		
BCS	10:35	10:37	WaveLength=2788A				
FCS	10:26						
UVSP	10:26						

Event # = 10208												
89/01/16, 11:01	Start	DOY=16	SMM Pointing:	S31W41						Pitch=+450", Yaw=-552", Roll=0deg		H. Ang=47deg
GOES	10:51	11:01	End times	Qual=04								
HXRBS	10:59:17	10:59:18	Importance=M5	Qual=14								
BGS	10:59	11:00	Peak...c/s=195	Qual=5								
FCS			CaPeak.c/s=3102									
UVSP	11:26		Wavelength=2788A									
				Associated								
BGS	12:32	12:33	CaPeak.c/s=959	Qual=5								
FCS												
UVSP	13:01		Wavelength=2788A									
				Associated								
BGS	13:42	13:48	CaPeak.c/s=202	Qual=5								
FCS												
UVSP	13:33		Wavelength=2788A									
				Associated								
BGS	12:08	12:13	CaPeak.c/s=1135	Qual=2								
FCS												
UVSP	12:01		Wavelength=2788A									
Event # = 10209												
89/01/16, 12:09	Start	DOY=16	SMM Pointing:	S31W42						Pitch=+450", Yaw=-562", Roll=0deg		H. Ang=47deg
GOES			Peak...c/s=55	Qual=00								
HXRBS	12:05:02	12:09:34	Wavelength=2788A									
UVSP	12:01											
Event # = 10210												
89/01/16, 15:17	Start	DOY=16	SMM Pointing:	S31W44						Pitch=+451", Yaw=-584", Roll=0deg		H. Ang=49deg
Optical			Ha...Class=SF									
GOES	15:00	15:17	Importance=M2	Qual=04								
HXRBS	15:12:30	15:14:13	Peak...c/s=362	Qual=02								
BGS	15:14	15:17	CaPeak.c/s=1020	Qual=5								
FCS												
UVSP	15:08		Wavelength=2788A	Code=00								
Radio			Frequency(MHz)/Flux(sfu):	15400/120								
Event # = 22265												
89/01/16, 16:52	Start	DOY=16	SMM Pointing:	S16W68						Carr. Lon.=329deg		H. Ang=68deg
Optical			Ha...Class=SF	Qual=04								
GOES	16:45	16:52	Importance=C4	Qual=1								
BGS	16:49	16:51	CaPeak.c/s=71									
FCS												
UVSP	16:54		Wavelength=1375A	Code=02								
Event # = 22266												
89/01/16, 18:22	Start	DOY=16	SMM Pointing:	Qual=00								
GOES			CaPeak.c/s=19	Qual=5								
BGS	18:22	18:24										
FCS												
UVSP	18:23		Wavelength=1375A									

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Event # = 22267
89/01/16,19:18 DOY=16
Start Peak
GOES 19:07 19:30 19:20
BCS 19:10 19:16 19:20
FCS
UVSP 19:07

Importance=C4 Qual=02
CaPeak.c/s=42 Qual=1
FePeak=19:15
Wavelength=1375A Code=00 Exp #=82761
#Peaks=1 dt= 7.7s XEN=901615
Step=0" Cad=1.02s 1.024s/pixel
Step=0" Pitch=+432",Yaw=-589"

Event # = 22268
89/01/16,20:13 DOY=16
Start Peak
Optical
GOES 20:09 20:24 20:53
BCS 19:56 20:13 20:53
FCS
UVSP 20:01

Ha...Class=SF S30W49 AR5312
Importance=C6 Qual=01
CaPeak.c/s=135 Qual=1 FePeak=20:13
Wavelength=1375A Code=00 Exp #=82764
#Peaks=2 dt= 7.7s XEN=901616
Step=15" Cad= 328s 1.024s/pixel
Step=0" Pitch=+432",Yaw=-674"

Mac.=FKC Carr. Lon.=308deg H. Ang=53deg
FePeak.c/s=15 #Peaks=2 dt= 7.7s XEN=901616
Rast=300"x240" Cad= 328s 1.024s/pixel
Rast=10"x10" Step=0" Pitch=+432",Yaw=-674"

Event # = 10211
89/01/16,22:00 DOY=16
Start Peak
SMM Pointing: S31W47 H. Ang=51deg
GOES 22:00:01 22:00:33 22:01:37
HXRBS 21:48
UVSP 21:48

Peak...c/s=91 Qual=00
Wavelength=1375A Qual=01
Tot Cts=1565
Exp #=82775
MaxkeV=144 Step=0" Pitch=+438",Yaw=-683"
Rast=10"x10"

Pitch=+454",Yaw=-614",Roll=0deg
MaxkeV=144 Step=0" Pitch=+438",Yaw=-683"
Rast=10"x10"

Event # = 10212
89/01/16,22:07 DOY=16
Start Peak
SMM Pointing: S31W47 H. Ang=51deg
GOES 22:06:25 22:07:29 22:08:31
HXRBS 22:01
UVSP 22:01
Radio Frequency(MHz)/Flux(sfu): 2695/62 4995/420 8800/740

Peak...c/s=48 Qual=00
Wavelength=1375A Qual=01
Tot Cts=635
Exp #=82777
15400/1200

Pitch=+454",Yaw=-614",Roll=0deg
MaxkeV=144 Step=0" Pitch=+438",Yaw=-684"
Rast=10"x10"

Event # = 10213
89/01/16,22:20 DOY=16
Start Peak
SMM Pointing: S31W47 H. Ang=51deg
Optical
GOES 22:13 22:20 01:24
HXRBS 22:11:34 22:16:26 22:26:17
GRS 22:16:00 22:21:00
BCS 21:30 22:19 22:27
FCS
UVSP 22:14

Ha...Class=1B S30W51 H. Ang=54deg
Importance=M7 Qual=02 Carr. Lon.=309deg
Peak...c/s=9556 Qual=13 Tot Cts=5.14E+5 Flags=M5,I,EN,DG
CaPeak.c/s=4695 Qual=1 FePeak=22:18 Dur=300sec
Wavelength=1375A Code=00 Exp #=82779
Associated Event # = 22269 XEN=901617
CaPeak.c/s=23 Qual=5 FePeak=22:27 Step=10" Cad= 590s 1.024s/pixel
Step=0" Pitch=+458",Yaw=-666"
#Peaks=1 dt= 7.7s XEN=901618
Rast=240"x240" Cad= 590s 1.024s/pixel
Step=10"
#Peaks=1 dt= 3.8s XEN=901619
FePeak.c/s=111 #Peaks=1 dt= 3.8s XEN=901619
Rast=300"x240" Cad= 328s 1.024s/pixel
Step=15"
Rast=265"x265" Step=5" Pitch=+462",Yaw=-613"
#Peaks=1 dt= 7.7s XEN=901700
FePeak.c/s=12 #Peaks=1 dt= 7.7s XEN=901700
Rast=240"x240" Cad= 590s 1.024s/pixel
Step=10"
Rast=10"x10" Step=0" Pitch=+529",Yaw=-513"
Exp #=82791
Wavelength=1375A

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Event # = 10214			
89/01/16, 23:18	DOY=16	SMM Pointing:	Pitch=+454", Yaw=-626", Roll=0deg
Start	Peak		H. Ang=52deg
GOES			
HXRBS 23:18:22	23:18:47	23:19:11	MaxkeV=102
UVSP 23:09			Rast=10"x10" Step=0" Pitch=+464", Yaw=-670"
Tot Cts=213			
Exp #=82782			
Event # = 10215			
89/01/16, 23:39	DOY=16	SMM Pointing:	Pitch=+454", Yaw=-626", Roll=0deg
Start	Peak		H. Ang=52deg
GOES			
HXRBS 23:37:59	23:39:18	23:42:42	MaxkeV=102
UVSP 23:36			Rast=10"x10" Step=0" Pitch=+464", Yaw=-673"
Tot Cts=956			
Exp #=82786			
Event # = 10216			
89/01/16, 23:51	DOY=16	SMM Pointing:	Pitch=+454", Yaw=-626", Roll=0deg
Start	Peak		H. Ang=52deg
GOES			
HXRBS 23:50:58	23:51:23	23:51:41	MaxkeV=144
UVSP 23:49			Rast=10"x10" Step=0" Pitch=+454", Yaw=-674"
Tot Cts=315			
Exp #=82788			
Event # = 10217			
89/01/17, 02:27	DOY=17	SMM Pointing:	Pitch=+455", Yaw=-636", Roll=0deg
Start	Peak		H. Ang=53deg
GOES			
HXRBS 02:24	02:27	02:31	MaxkeV=102
BCS 02:16	02:25:08	02:25:22	FePeak.c/s=23 #Peaks=1 dt= 3.8s XEN=901701
FCS 02:16	02:28	03:07	Rast=300"x240" Step=15" Cad= 328s 1.024s/pixel
UVSP 02:16			Rast=10"x10" Step=0" Pitch=+460", Yaw=-686"
Wavelength=1375A Code=00 Exp #=82800			
Event # = 10218			
89/01/17, 04:01	DOY=17	SMM Pointing:	Pitch=+456", Yaw=-646", Roll=0deg
Start	Peak		H. Ang=54deg
GOES			
HXRBS 03:59:29	03:59:42	03:59:53	MaxkeV=102
UVSP 03:53			Rast=10"x10" Step=0" Pitch=+531", Yaw=-609"
Tot Cts=122			
Exp #=82809			
Event # = 22272			
89/01/17, 04:23	DOY=17	SMM Pointing:	Pitch=+457", Yaw=-657", Roll=0deg
Start	Peak		H. Ang=55deg
GOES			
BCS 04:20	04:23	04:36	Mac.=DAO
FCS 04:20			Carr. Lon.=244deg
UVSP 04:20			MaxkeV=102
			FePeak.c/s=9 #Peaks=1 dt= 7.7s XEN=901702
			Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
			Rast=10"x10" Step=0" Pitch=+461", Yaw=-691"
Exp #=82813			
Event # = 10219			
89/01/17, 05:41	DOY=17	SMM Pointing:	Pitch=+457", Yaw=-657", Roll=0deg
Start	Peak		H. Ang=55deg
Optical			
GOES 05:34	05:41	05:49	Flags=DG
HXRBS 05:34:28	05:35:15	05:40:41	MaxkeV=102
BCS 05:33	05:36	06:07	FePeak.c/s=11 #Peaks=1 dt= 7.7s XEN=901703
FCS 05:33			Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
UVSP 05:29			Rast=30"x30" Step=10" Pitch=+462", Yaw=-597"
Exp #=82818			

Event # = 22273  
 89/01/17 06:09 DOY=17 Peak  
 Start  
 End times  
 G0ES 06:09 06:12 Qual=00 FePeak=06:09 dt= 7.7s XEN=901704  
 BCS 06:09 06:09 CaPeak.c/s=19 Qual= 5 FePeak=06:09 Cad=1.02s 1.024s/pixel  
 FCS 06:09 06:01 Wavelength=1375A Rast=30"x30" Step=0" Pitch=+462", Yaw=-599"  
 UVSP 06:01 Wavelength=1375A Rast=30"x30" Step=10" Pitch=+457", Yaw=-709"

Event # = 22274  
 89/01/17 07:18 DOY=17 Peak  
 Start  
 End times  
 G0ES 07:08 07:48 Qual=00 FePeak=07:14 dt= 7.7s XEN=901705  
 BCS 07:08 07:18 CaPeak.c/s=81 Qual= 1 FePeak=07:14 Cad= 590s 1.024s/pixel  
 FCS 07:06 Wavelength=1375A Rast=30"x30" Step=10" Pitch=+457", Yaw=-709"  
 UVSP 07:06 Type/Intensity: III/I

Event # = 22275  
 89/01/17 09:21 DOY=17 Peak  
 Start  
 End times  
 Optical 09:15 09:37 Ha...Class=S18W03 AR5320 Carr. Lon.=255deg H. Ang=14deg  
 G0ES 09:15 09:21 Importance=C3 Qual=03 FePeak=09:19 dt= 7.7s XEN=901706  
 BCS 09:19 09:20 CaPeak.c/s=19 Qual= 4 FePeak=09:19 Cad=1083s 2.048s/pixel  
 FCS 09:20 Wavelength=2788A Code=00 Rast=115"x115" Step=5" Pitch=+339", Yaw=-491"  
 UVSP 09:20 Wavelength=2788A Code=00 Rast=180"x1" Step=0"

Event # = 22276  
 89/01/17 10:23 DOY=17 Peak  
 Start  
 End times  
 G0ES 10:18 10:37 Importance=C2 Qual=04 dt= 7.7s XEN=901707  
 BCS 10:21 10:22 CaPeak.c/s=38 Qual= 5 FePeak=10:22 Cad=1.02s 1.024s/pixel  
 FCS 10:21 Wavelength=2788A Rast=180"x1" Step=0" Pitch=+339", Yaw=-498"  
 UVSP 10:51 Wavelength=2788A Rast=180"x1" Step=0"

Event # = 22277  
 89/01/17 10:54 DOY=17 Peak  
 Start  
 End times  
 G0ES 10:51 11:00 Importance=C3 Qual=01 dt= 7.7s XEN=901708  
 BCS 10:54 10:54 CaPeak.c/s=20 Qual= 1 FePeak=10:54 Cad=1.02s 1.024s/pixel  
 FCS 10:54 Wavelength=2788A Code=00 Rast=0"x0" Step=0" Pitch=+339", Yaw=-498"  
 UVSP 10:51 Wavelength=2788A Code=00 Rast=180"x1" Step=0"

Event # = 22278  
 89/01/17 13:58 DOY=17 Peak  
 Start  
 End times  
 G0ES 13:54 14:08 Importance=C4 Qual=03 dt= 3.8s XEN=901709  
 BCS 13:47 13:58 CaPeak.c/s=48 Qual= 1 FePeak=13:58 Cad= 328s 1.024s/pixel  
 FCS 13:47 Wavelength=2788A Code=02 Rast=300"x240" Step=15" Pitch=+341", Yaw=-511"  
 UVSP 13:58 Wavelength=2788A Code=02 Rast=180"x1" Step=0"

Event # = 22279		DOY=17																	
89/01/17	14:54	Start	Peak	End times															
GOES	14:45		14:54	14:59	Importance=C3	Qual=01													
BCS	14:47		14:54	15:01	CaPeak.c/s=36	Qual=1	FePeak=14:54												
FCS					Wavelength=1375A	Code=00	Exp #=82838												
UVSP	14:49																		
Event # = 22280		DOY=17																	
89/01/17	15:10	Start	Peak	End times															
GOES	15:07		15:10	15:13	Importance=C3	Qual=01													
BCS	15:03		15:10	15:18	CaPeak.c/s=39	Qual=1	FePeak=15:10												
FCS					Wavelength=1375A	Code=00	Exp #=82840												
UVSP	15:02																		
Event # = 22281		DOY=17																	
89/01/17	15:31	Start	Peak	End times															
GOES	15:28		15:31	15:35	Importance=C5	Qual=01													
BCS	15:30		15:33	15:37	CaPeak.c/s=75	Qual=1	FePeak=15:33												
FCS					Wavelength=1375A	Code=00	Exp #=82844												
UVSP	15:28																		
Event # = 22282		DOY=17																	
89/01/17	16:19	Start	Peak	End times															
GOES	16:19		16:19	16:23	CaPeak.c/s=19	Qual=00	FePeak=16:19												
BCS					Wavelength=1375A	Qual=4	Exp #=82847												
FCS																			
UVSP	16:18																		
Event # = 22283		DOY=17																	
89/01/17	16:31	Start	Peak	End times															
GOES	16:29		16:31	16:42	CaPeak.c/s=24	Qual=00	FePeak=16:30												
BCS					Wavelength=1375A	Qual=4	Exp #=82849												
FCS																			
UVSP	16:31																		
Event # = 22284		DOY=17																	
89/01/17	17:06	Start	Peak	End times															
GOES	17:01		17:06	17:10	CaPeak.c/s=31	Qual=00	FePeak=17:06												
BCS					Wavelength=1375A	Qual=1	Exp #=82853												
FCS																			
UVSP	16:58																		
Event # = 22285		DOY=17																	
89/01/17	18:11	Start	Peak	End times															
GOES	18:10		18:11	18:28	CaPeak.c/s=24	Qual=06	FePeak=18:13												
BCS					Wavelength=1375A	Qual=4	Exp #=82858												
FCS																			
UVSP	18:04																		

Event # = 22286	DOY=17	End times	Qual=00	FePeak=19:20	#Peaks=1	dt= 7.7s	XEN=901717
89/01/17, 19:21	Peak	19:27	Qual= 1	Exp #=82863	Step=0"	Cad=1.02s	1.024s/pixel
GOES	19:20	CaPeak.c/s=34	Wavelength=1375A		Step=5"	Pitch=+471"	Yaw=-705"
BCS	19:21						
FCS	19:21						
UVSP	19:21						
Event # = 22287	DOY=17	End times	Qual=01	FePeak=19:54	#Peaks=1	dt= 7.7s	XEN=901718
89/01/17, 19:40	Peak	20:07	Qual= 4	Exp #=82867	Step=0"	Cad=1.02s	1.024s/pixel
GOES	19:32	Importance=C5	Code=00		Step=0"	Pitch=+448"	Yaw=-703"
BCS	19:49	CaPeak.c/s=22					
FCS	19:49	Wavelength=1375A					
UVSP	19:39						
Event # = 10220	DOY=17	SMM Pointing:	S31W59	Pitch=+462"	Yaw=-721"	Roll=0deg	H.Ang=61deg
89/01/17, 20:10	Peak	End times	Qual=00	MaxkeV=102	Step=0"		
GOES	20:09:53	20:10:37	Qual=01	Rast=10"x10"			
HXRBS	20:09:53	20:10:37	Qual=01	Tot Cts=218			
UVSP	20:05	20:05	Qual=01	Exp #=82871			
Event # = 22288	DOY=17	End times	Qual=01	FePeak=20:16	#Peaks=1	dt= 3.8s	XEN=901719
89/01/17, 20:18	Peak	20:20	Qual= 1	Exp #=82871	Step=0"	Cad=.26s	0.256s/pixel
GOES	20:14	Importance=C4	Code=00		Step=0"	Pitch=+499"	Yaw=-695"
BCS	20:14	CaPeak.c/s=53					
FCS	20:14	Wavelength=1375A					
UVSP	20:05						
Event # = 10221	DOY=17	SMM Pointing:	S31W59	Pitch=+462"	Yaw=-721"	Roll=0deg	H.Ang=61deg
89/01/17, 21:11	Peak	End times	Qual=01	MaxkeV=102	Step=0"		
GOES	21:07	21:17	Qual=01	Rast=10"x10"			
HXRBS	21:09:31	21:10:00	Qual=01	Tot Cts=172			
UVSP	20:58	20:58	Code=00	Exp #=82874			
Event # = 22289	DOY=17	End times	Qual=01	FePeak=21:28	#Peaks=1	dt= 3.8s	XEN=901720
89/01/17, 21:28	Peak	21:40	Qual= 1	Exp #=82878	Step=15"	Cad= 328s	1.024s/pixel
GOES	21:25	Importance=C5	Code=00		Step=0"	Pitch=+454"	Yaw=-775"
BCS	21:25	CaPeak.c/s=47					
FCS	21:25	Wavelength=1375A					
UVSP	21:26						
Event # = 22290	DOY=17	End times	Qual=00	FePeak=22:29	#Peaks=1	dt= 3.8s	XEN=901721
89/01/17, 22:29	Peak	22:45	Qual= 4	Exp #=82881	Step=15"	Cad= 328s	1.024s/pixel
GOES	22:26	CaPeak.c/s=52	Code=00		Step=5"	Pitch=+473"	Yaw=-717"
BCS	22:26	Wavelength=1375A					
FCS	22:26						
UVSP	22:28						

Event # = 10222		89/01/18		DOY=18		
89/01/18,00:12	DOY=18	SMM Pointing:	S31W61	Pitch=+466"	Yaw=-731", Roll=0deg	H. Ang=63deg
Start	Peak	End times				
GOES						
HXRBS	00:12:33	00:12:45	00:12:48	Qual=00		
UVSP	00:05	Peak...c/s=48	WaveLength=1375A	Qual=01		
				Tot Cts=88		
				Exp #=82892		
					Step=0"	Pitch=+456", Yaw=-780"
Event # = 10223						
89/01/18,00:23	DOY=18	SMM Pointing:	S31W61	Pitch=+466"	Yaw=-731", Roll=0deg	H. Ang=63deg
Start	Peak	End times				
GOES	00:20	00:23	00:27	Qual=01		
HXRBS	00:21:08	00:21:20	00:23:37	Importance=C5		
BCS	00:21	00:23	00:30	Peak...c/s=106		
FCS				CaPeak.c/s=91		
UVSP	00:20	WaveLength=1375A	Code=00	Qual=1		
				Tot Cts=1364		
				FePeak=00:22		
				Exp #=82894		
					dt= 3.8s	XEN=901801
					Step=10"	Cad= 590s
					Step=0"	Pitch=+456", Yaw=-771"
Event # = 22292						
89/01/18,01:41	DOY=18	SMM Pointing:	S31W61	Pitch=+466"	Yaw=-731", Roll=0deg	H. Ang=63deg
Start	Peak	End times				
GOES	01:39	01:41	01:46	Qual=00		
BCS				Qual=1		
FCS						
UVSP	01:39	CaPeak.c/s=24	WaveLength=1375A	FePeak=01:39		
				Exp #=82901		
					dt= 7.7s	XEN=901802
					Step=0"	Cad=1.02s
					Step=0"	Pitch=-628", Yaw=-542"
Event # = 22293						
89/01/18,02:28	DOY=18	SMM Pointing:	S31W63	Pitch=+470"	Yaw=-744", Roll=0deg	H. Ang=64deg
Start	Peak	End times				
GOES	02:28	02:32	02:32	Qual=00		
BCS				Qual=4		
FCS						
UVSP	02:19	CaPeak.c/s=18	WaveLength=1375A	FePeak=02:28		
				Exp #=82907		
					dt= 7.7s	XEN=901803
					Step=0"	Cad=1.02s
					Step=0"	Pitch=-630", Yaw=-543"
Event # = 10226						
89/01/18,03:48	DOY=18	SMM Pointing:	S31W63	Pitch=+470"	Yaw=-744", Roll=0deg	H. Ang=64deg
Start	Peak	End times				
GOES	03:47:49	03:48:12	03:48:33	Qual=00		
HXRBS	03:40	Peak...c/s=44	WaveLength=1375A	Qual=01		
UVSP				Tot Cts=165		
				Exp #=82914		
					Step=0"	Pitch=+533", Yaw=-647"
Event # = 22547						
89/01/18,03:56	DOY=18	SMM Pointing:	S31W63	Pitch=+470"	Yaw=-744", Roll=0deg	H. Ang=64deg
Start	Peak	End times				
GOES	03:29	03:56	04:06	Qual=00		
BCS				Qual=1		
FCS						
UVSP	03:54	CaPeak.c/s=171	WaveLength=1375A	FePeak=03:49		
				Exp #=82916		
					dt= 7.7s	XEN=901804
					Step=10"	Cad= 590s
					Step=0"	Pitch=+523", Yaw=-718"



Event # = 10227	DOY=18	SMM Pointing:	S31W64	Pitch=+470", Yaw=-754", Roll=0deg	H. Ang=65deg
89/01/18, 05:14	Peak	Ha...Class=SF	S30W67	Mac. =FKC	H. Ang=68deg
Optical	End times	Importance=M1	Qual=01		
GOES 05:06	05:20	CaPeak.c/s=70	Qual=01		
HXRBS 05:07:24	05:13:04	Wave length=1375A	Code=00		
BCS 05:00	05:39				
FCS					
UVSP 05:04					
Event # = 10224	DOY=18	SMM Pointing:	S31W64	Pitch=+470", Yaw=-754", Roll=0deg	H. Ang=65deg
89/01/18, 07:18	Peak	Ha...Class=1F	S30W65	Mac. =FKC	H. Ang=66deg
Optical	End times	Importance=X1	Qual=02		
GOES 06:58	08:40	CaPeak.c/s=2248	Qual=04		
HXRBS 06:29:21	07:01:01	Wave length=1375A	Code=01		
BCS 06:31	07:13	2695/270	Associated		
FCS					
UVSP 07:16					
Radio	Frequency (MHz)/Flux(sfu):				
BCS 08:08	08:47				
FCS					
UVSP 08:01					
Event # = 10225	DOY=18	SMM Pointing:	S31W66	Pitch=+472", Yaw=-764", Roll=0deg	H. Ang=67deg
89/01/18, 08:23	Peak	Ha...Class=M9	Qual=00		
Optical	End times	Importance=M9	Qual=01		
GOES 08:46	11:43	CaPeak.c/s=55	Qual=01		
HXRBS 09:45	10:20	Wave length=2788A	Code=00		
BCS 09:45					
FCS					
UVSP 09:16					
BCS 10:55	11:54				
FCS					
UVSP 10:50					
Event # = 22295	DOY=18	SMM Pointing:	AR5312	Pitch=+470", Yaw=-754", Roll=0deg	H. Ang=69deg
89/01/18, 09:08	Peak	Ha...Class=1N	S30W68	Mac. =FKC	H. Ang=69deg
Optical	End times	Importance=M9	Qual=05		
GOES 08:46	11:43	CaPeak.c/s=1668	Qual=05		
HXRBS 09:45	10:20	Wave length=2788A	Code=02		
BCS 09:45					
FCS					
UVSP 09:16					
BCS 10:55	11:54				
FCS					
UVSP 10:50					
Event # = 22296	DOY=18	SMM Pointing:	AR5312	Pitch=+472", Yaw=-764", Roll=0deg	H. Ang=67deg
89/01/18, 12:29	Peak	Ha...Class=M1	Qual=05		
Optical	End times	Importance=M1	Qual=05		
GOES 11:47	13:13	CaPeak.c/s=284	Qual=05		
HXRBS 12:29	13:27	Wave length=2788A	Code=00		
BCS 12:29					
FCS					
UVSP 12:23					

Event # = 11672			SMM Pointing:			Pitch=+473", Yaw=-775", Roll=0deg			H. Ang=68deg		
89/01/18,13:16	DOY=18	Peak	S31W68	End times							
GOES	13:14	13:16	Qual=01	13:28	Importance=C8						
HXRBS	13:13:29	13:13:59	Qual=01	13:14:45	Peak...c/s=127						
UVSP	13:22		Code=02		Wave length=2788A						
Event # = 10228			SMM Pointing:			Pitch=+475", Yaw=-785", Roll=0deg			H. Ang=70deg		
89/01/18,18:26	DOY=18	Peak	S31W70	End times							
Optical					Ha...Class=3B						
GOES	18:07	18:26	N26W23	19:53	Ha...Class=SF						
HXRBS	18:04:05	18:05:44	Qual=05	18:07:52	Importance=X1						
BCS	17:10	18:05	Qual=01	18:08	Peak...c/s=52						
FCS			Qual=3		CaPeak.c/s=51						
UVSP	18:37				Wave length=2788A						
Radio Sweeps					I1/2						
Frequency(MHz)/Flux(sfu):	245/110 410/73 606/150 15400/830										
Event # = 10229			SMM Pointing:			Pitch=+475", Yaw=-785", Roll=0deg			H. Ang=70deg		
89/01/18,18:46	DOY=18	Peak	S31W70	End times							
GOES	18:44:50	18:46:29	Qual=00	18:47:54	Peak...c/s=235						
HXRBS	18:50		Qual=01		Wave length=1375A						
UVSP											
Event # = 10233			SMM Pointing:			Pitch=+477", Yaw=-795", Roll=0deg			H. Ang=72deg		
89/01/18,23:26	DOY=18	Peak	S31W72	End times							
GOES	23:25:41	23:26:15	Qual=00	23:26:24	Peak...c/s=44						
HXRBS	23:25	23:26	Qual=01	23:30	CaPeak.c/s=58						
BCS			Qual=1		Wave length=1375A						
FCS											
UVSP											
Event # = 10230			SMM Pointing:			Pitch=+480", Yaw=-805", Roll=0deg			H. Ang=74deg		
89/01/19,00:02	DOY=19	Peak	S31W74	End times							
GOES	23:57	00:02	Qual=01	00:23	Importance=C4						
HXRBS	23:59:02	23:59:13	Qual=01	23:59:46	Peak...c/s=67						
BCS	23:57	00:01	Qual=1	00:18	CaPeak.c/s=129						
FCS					Wave length=1375A						
UVSP	23:56		Code=00								
Event # = 22300			SMM Pointing:			Pitch=+490", Yaw=-819"			H. Ang=54deg		
89/01/19,01:37	DOY=19	Peak	S31W51	End times							
Optical			Qual=00		Ha...Class=SF						
GOES	01:21	01:37	Qual=1	01:56	CaPeak.c/s=51						
BCS					Wave length=1375A						
FCS											
UVSP	01:31										

Event # = 10231

89/01/19, 03:00 DOY=19 H. Ang=74deg  
Peak Start End times Pitch=+480", Yaw=-805", Roll=0deg

GOES 02:37 03:08 03:08  
HXRB 02:55:07 02:55:25 02:55:44  
BCS 02:57 03:01 03:01  
FCS  
UVSP 02:50

MaxkeV=144 dt= 7.7s XEN=901901  
FePeak.c/s=7 Step=0" Cad=1.02s 1.024s/pixel  
Rast=10"x10" Pitch=+451", Yaw=-864"  
#Peaks=1  
Step=0"  
Exp #=83020  
Event # = 10232  
Tot Cts=547  
FePeak=02:57  
Rast=10"x10" Step=0"  
MaxkeV=102

---

Event # = 10234

89/01/19, 09:17 DOY=19 H. Ang=76deg  
Peak Start End times Pitch=+484", Yaw=-815", Roll=0deg

GOES 09:14 09:32 09:32  
HXRB 09:13:50 09:14:39 09:15:32  
BCS 09:07 09:29 09:29  
FCS  
UVSP 08:50  
Radio Frequency(MHz)/Flux(sfu): 2695/190

MaxkeV=187 dt= 7.7s XEN=901902  
FePeak.c/s=14 Step=15" Cad= 131s 0.512s/pixel  
Rast=240"x240" Pitch=+493", Yaw=-808"  
#Peaks=2  
Step=3"  
Exp #=83043  
Event # = 10232  
Tot Cts=3442  
FePeak=09:15  
Rast=243"x243" Step=3"  
MaxkeV=102

---

Event # = 10235

89/01/19, 12:04 DOY=19 H. Ang=79deg  
Peak Start End times Pitch=+488", Yaw=-825", Roll=0deg

GOES 12:04:00 12:04:12 12:04:30  
HXRB 11:49  
UVSP

MaxkeV=102 dt= 7.7s XEN=901903  
Rast=180"x1" Step=15" Cad= 131s 0.512s/pixel  
Pitch=+367", Yaw=-640"  
#Peaks=1  
Step=0"  
Exp #=83047  
Tot Cts=156  
FePeak=12:24  
Rast=180"x1" Step=0"  
MaxkeV=102

---

Event # = 22602

89/01/19, 12:27 DOY=19  
Peak Start End times

GOES 12:01 12:27 12:52  
BCS  
FCS  
UVSP 12:47

CaPeak.c/s=90 dt= 7.7s XEN=901904  
Wavelength=2788A Pitch=+368", Yaw=-641"  
#Peaks=1  
Step=0"  
Exp #=83048  
FePeak=13:30  
Rast=180"x1" Step=0"  
MaxkeV=102

---

Event # = 10236

89/01/19, 12:36 DOY=19 H. Ang=79deg  
Peak Start End times Pitch=+488", Yaw=-825", Roll=0deg

GOES 12:35:46 12:36:03 12:36:38  
HXRB 12:47  
UVSP

MaxkeV=102 dt= 7.7s XEN=901904  
Rast=180"x1" Step=15" Cad= 131s 0.512s/pixel  
Pitch=+368", Yaw=-641"  
#Peaks=1  
Step=0"  
Exp #=83048  
FePeak=13:30  
Rast=180"x1" Step=0"  
MaxkeV=102

---

Event # = 22298

89/01/19, 13:27 DOY=19  
Peak Start End times

GOES 13:27 13:37 13:37  
BCS  
FCS  
UVSP 13:21

CaPeak.c/s=18 dt= 7.7s XEN=901904  
Wavelength=2788A Pitch=+368", Yaw=-642"  
#Peaks=1  
Step=0"  
Exp #=83049  
FePeak=13:30  
Rast=180"x1" Step=0"  
MaxkeV=102

Event # = 10237												
89/01/19, 14:16	DOY=19											
Start	Peak											
GOES												
HXRBS	14:14:48	14:14:55	14:15:10	Peak...c/s=53								
BCS	14:15	14:16	14:18	CaPeak.c/s=27								
FCS												
UVSP	14:19			Wavelength=2788A								
Event # = 10238												
89/01/19, 15:33	DOY=19											
Start	Peak											
GOES												
HXRBS	15:32:59	15:33:14	15:33:39	Peak...c/s=46								
BCS	15:28			Wavelength=1375A								
UVSP												
Event # = 22299												
89/01/19, 15:50	DOY=19											
Start	Peak											
GOES												
BCS	15:00	15:50	15:59	CaPeak.c/s=56								
FCS												
UVSP	15:53			Wavelength=2788A								
Event # = 10242												
89/01/19, 17:15	DOY=19											
Start	Peak											
Optical												
GOES	17:00	17:15	17:42	Ha...Class=SF								
HXRBS	17:22:10	17:22:18	17:22:46	Importance=C4								
BCS	16:34	17:24	17:33	Peak...c/s=35								
FCS				CaPeak.c/s=46								
UVSP	17:01			Wavelength=1375A								
Event # = 22301												
89/01/19, 18:09	DOY=19											
Start	Peak											
GOES												
BCS	18:07	18:09	18:16	CaPeak.c/s=20								
FCS												
UVSP	18:14			Wavelength=1375A								
Event # = 10239												
89/01/19, 18:23	DOY=19											
Start	Peak											
GOES												
HXRBS	18:20:38	18:20:54	18:21:12	Importance=C3								
BCS	18:22	18:23	18:26	Peak...c/s=48								
FCS				CaPeak.c/s=34								
UVSP	18:16			Wavelength=1375A								

Event #	Start	End times	SMM Pointing:	S31W88	Pitch=+500", Yaw=-836", Roll=0deg	H. Ang=86deg
89/01/19, 21:40	21:40:58	21:41:10	Peak...c/s=37 Wavelength=1375A	Qual=00 Qual=01	MaxkeV=102 Rast=110"x200"	
<p>Event # = 10243 DOY=19 Peak 89/01/19, 21:40:58 21:41:10</p>						
GOES	21:40:48	21:41:10	Importance=C3	Qual=01	Tot Cts=96	
HXRBS	21:40:48	21:41:10	CaPeak.c/s=37	Qual=01	Exp #=83076	
UVSP	21:39		Wavelength=1375A			Pitch=+509", Yaw=-851"
<p>Event # = 22302 DOY=19 Peak 89/01/19, 23:10</p>						
GOES	23:09	23:12	Importance=C3	Qual=00	FePeak=23:09	
BCS	23:09	23:10	CaPeak.c/s=20	Qual= 4	Exp #=83083	
FCS	23:09		Wavelength=1375A			dt= 7.7s XEN=901910 Cad=1.02s 1.024s/pixel Pitch=+507", Yaw=-823"
UVSP	23:09					
<p>Event # = 22303 DOY=20 89/01/20</p>						
GOES	01:18	01:22	Importance=C3	Qual=01	FePeak=01:17	
BCS	01:03	01:20	CaPeak.c/s=42	Qual= 1	Exp #=83094	
FCS	01:03		Wavelength=1375A			dt= 7.7s XEN=902000 Cad=1.02s 1.024s/pixel Pitch=+559", Yaw=-851"
UVSP	01:06					
<p>Event # = 22304 DOY=20 89/01/20, 02:00</p>						
GOES	02:00	02:41	Importance=C3	Qual=00	FePeak=02:01	
BCS	02:00	02:00	CaPeak.c/s=58	Qual= 5	Exp #=83097	
FCS	02:00		Wavelength=1375A			dt= 3.8s XEN=902001 Cad= 131s 0.512s/pixel Pitch=+507", Yaw=-823"
UVSP	01:57					
<p>Event # = 10240 DOY=20 89/01/20, 02:46</p>						
GOES	02:45	02:58	Importance=C3	Qual=01	Tot Cts=641	
HXRBS	02:45:29	02:46:15	CaPeak.c/s=79	Qual=01	FePeak=02:46	
BCS	02:45	02:46	CaPeak.c/s=25	Qual= 1	Exp #=83102	
FCS	02:45		Wavelength=1375A			MaxkeV=144 FePeak.c/s=7 Rast=240"x240" Rast=110"x200"
UVSP	02:38					
<p>Event # = 22305 DOY=20 89/01/20, 04:17</p>						
GOES	04:13	04:23	Importance=C5	Qual=01	FePeak=04:17	
BCS	04:15	04:28	CaPeak.c/s=134	Qual= 1	Exp #=83110	
FCS	04:15		Wavelength=1375A			dt= 3.8s XEN=902003 Cad= 131s 0.512s/pixel Pitch=+474", Yaw=-851"
UVSP	04:13					

Event # = 10241									
89/01/20,06:02	DOY=20	Peak	End times						
Start	Peak	06:15	06:15						
GOES 05:58	06:02	05:54:43	05:55:32	Importance=C4	Qual=02				
HXRBS 05:54:15	05:54:15	05:54:43	05:55:32	Peak...c/s=101	Qual=01	Tot Cts=1890			
UVSP 06:02	06:02	05:54:43	05:55:32	Wavelength=1375A	Code=02	Exp #=83119	Maxkey=230	Pitch=+507"	Yaw=-823"
Radio Sweeps	Type/Intensity:								
Radio Frequency(MHz)/Flux(sfu):	245/240								
Event # = 22306									
89/01/20,13:07	DOY=20	Peak	End times						
Start	Peak	13:17	13:17						
GOES 12:54	13:07	12:54:43	13:07:00	CaPeak.c/s=30	Qual=00	FePeak=13:07	#Peaks=1	dt= 7.7s	XEN=902004
BGS 12:54	13:07	12:54:43	13:07:00	Wavelength=2788A	Qual= 1	Exp #=83152	Rast=0"x0"	Cad=1.02s	1.024s/pixel
FCS 12:43	13:07	12:54:43	13:07:00				Step=0"	Pitch=+379"	Yaw=-651"
UVSP 12:43	13:07	12:54:43	13:07:00						
Event # = 10244									
89/01/20,14:35	DOY=20	Peak	End times						
Start	Peak	14:35	14:35						
Optical 14:18	14:35	14:28:16	14:33:16	Ha...Class=SF	N19W58	AR5317	Mac.=EKC	Carr. Lon.=267deg	H. Ang=62deg
GOES 14:18	14:35	14:28:16	14:33:16	Importance=C6	Qual=04	Tot Cts=1091	Maxkey=102		
HXRBS 14:28:16	14:32:03	14:32:03	14:33:16	Peak...c/s=46	Qual=01	Exp #=83154	Rast=180"x1"		
UVSP 14:18	14:35	14:28:16	14:33:16	Wavelength=2788A	Code=01			Step=0"	Pitch=+379"
Event # = 10245									
89/01/20,15:12	DOY=20	Peak	End times						
Start	Peak	15:12	15:12						
Optical 15:09:30	15:12:00	15:09:30	15:13:16	Ha...Class=SN	N20W57	AR5317	Mac.=EKC	Carr. Lon.=266deg	H. Ang=61deg
GOES 15:09:30	15:12:00	15:09:30	15:13:16	Peak...c/s=102	Qual=04	Tot Cts=5475	Maxkey=144		
HXRBS 15:18	15:12:00	15:09:30	15:13:16	Wavelength=2788A	Qual=01	Exp #=83155	Rast=180"x1"		
UVSP 15:18	15:12:00	15:09:30	15:13:16					Step=0"	Pitch=+379"
Event # = 10246									
89/01/20,15:23	DOY=20	Peak	End times						
Start	Peak	15:23	15:23						
Optical 15:22:45	15:23:02	15:22:45	15:23:10	Ha...Class=1F	N28W34	AR5321	Mac.=CA0	Carr. Lon.=243deg	H. Ang=47deg
GOES 15:22:45	15:23:02	15:22:45	15:23:10	Peak...c/s=38	Qual=02	Tot Cts=94	Maxkey=102		
HXRBS 15:18	15:23:02	15:22:45	15:23:10	Wavelength=2788A	Qual=01	Exp #=83155	Rast=180"x1"		
UVSP 15:18	15:23:02	15:22:45	15:23:10					Step=0"	Pitch=+379"
Radio Frequency(MHz)/Flux(sfu):	4995/71								
Event # = 10247									
89/01/20,15:58	DOY=20	Peak	End times						
Start	Peak	15:58	15:58						
Optical 15:54:46	15:58	15:54:46	15:58:07	Ha...Class=1F	N28W34	AR5321	Mac.=CA0	Carr. Lon.=243deg	H. Ang=47deg
GOES 15:54:46	15:58	15:54:46	15:58:07	Importance=M8	Qual=04	Tot Cts=1.04E+5	Maxkey=187	Flags=SN,DG	
HXRBS 15:58	15:58	15:54:46	15:58:07	Peak...c/s=1196	Qual=12	FePeak=15:58	FePeak.c/s=1127	#Peaks=1	dt= 3.8s
BGS 15:58	15:58	15:54:46	15:58:07	CaPeak.c/s=4743	Qual= 5	Exp #=83156	Rast=0"x0"	Step=0"	XEN=902005
FCS 15:52	15:58	15:54:46	15:58:07	Wavelength=2788A	Code=00	Event # = 22307	Rast=180"x1"	Pitch=+379"	Yaw=-651"
UVSP 15:52	15:58	15:54:46	15:58:07	Associated	Qual= 5	FePeak=16:14	FePeak.c/s=7	dt= 7.7s	XEN=902006
BGS 16:14	16:14	16:14	16:46	CaPeak.c/s=221	Qual= 5	FePeak=16:14	Rast=0"x0"	Cad=.26s	0.256s/pixel
FCS 16:14	16:14	16:14	16:46						

BCS 16:52 16:52 16:54 16:54 Associated Event # = 22308 FePeak.c/s=6 dt= 7.7s XEN=902007  
 FCS 16:52 16:52 16:54 16:54 CaPeak.c/s=20 Qual= 5 FePeak=16:52 Step=0" #Peaks=1  
 UVSP 16:52 16:52 16:54 16:54 Rast=0"x0" Rast=0"x0" Pitch=+377", Yaw=-653"

Event # = 10248  
 89/01/20,19:26 DOY=20  
 Start Peak End times  
 GOES 19:24:26 19:26:19 19:47:55 Peak...c/s=66 Qual=00  
 HXRBS 19:24:26 19:26:19 19:47:55 WaveLength=2788A Qual=01  
 UVSP 18:59 Tot Cts=9099 MaxkeV=187  
 Exp #=83160 Rast=180"x1" Step=0" Pitch=+379", Yaw=-651"

Event # = 10249  
 89/01/20,19:54 DOY=20  
 Start Peak End times  
 Optical N20W59 AR5317 Carr. Lon.=265deg H. Ang=63deg  
 Optical N16E77 AR5329 Carr. Lon.=129deg H. Ang=79deg  
 GOES 19:54:01 19:54:32 19:55:44 Peak...c/s=48 Qual=00  
 HXRBS 19:54:01 19:54:32 19:55:44 WaveLength=2788A Qual=01  
 UVSP 19:59 Tot Cts=388 MaxkeV=144  
 Radio Frequency(MHz)/Flux(sfu): 15400/53 Exp #=83161 Rast=180"x1" Step=0" Pitch=+379", Yaw=-651"

Event # = 22309  
 89/01/20,21:04 DOY=20  
 Start Peak End times  
 GOES 20:58 21:04 21:20 Importance=C4 Qual=01  
 BCS 20:50 21:07 21:35 CaPeak.c/s=66 Qual=1  
 FCS 21:03 WaveLength=1375A Code=00  
 UVSP 21:03 FePeak=21:09 Exp #=83165

Event # = 10250  
 89/01/20,22:10 DOY=20  
 Start Peak End times  
 GOES 22:10:01 22:10:06 22:10:13 Peak...c/s=49 Qual=00  
 HXRBS 22:14 22:14 22:14 WaveLength=1375A Qual=01  
 UVSP 22:14 Tot Cts=99 MaxkeV=144  
 Exp #=83170 Rast=265"x265" Step=5" Pitch=+507", Yaw=-823"

Event # = 10251  
 89/01/20,23:45 DOY=20  
 Start Peak End times  
 Optical S31W90 Pitch=+501", Yaw=-837", Roll=0deg H. Ang=87deg  
 GOES 23:37 23:45 23:50 SMM Pointing: AR5329 Carr. Lon.=129deg H. Ang=78deg  
 HXRBS 23:45:22 23:45:30 23:45:56 Ha...Class=SF N20E75  
 BCS 23:46 23:46 23:49 Importance=C4 Qual=05  
 FCS 23:46 23:46 23:49 Peak...c/s=122 Qual=01  
 UVSP 23:48 23:48 23:48 CaPeak.c/s=39 Qual=5  
 WaveLength=1375A Code=02 Exp #=83178  
 MaxkeV=187  
 FePeak.c/s=11 #Peaks=1 dt= 3.8s XEN=902009  
 Rast=240"x240" Step=15" Cad= 131s 0.512s/pixel  
 Step=5" Pitch=+507", Yaw=-823"

Event # = 10252		89/01/21		DOY=21	
Start	End times	SMM Pointing:			
89/01/21,00:39	DOY=21 Peak	S31W90			
Optical		Ha...Class=1F	N18E71	AR5329	Pitch=+501", Yaw=-837", Roll=0deg
GOES	00:37 00:41	Ha...Class=SF	N20W62	AR5317	Mac.=DSO Carr.Lon.=133deg H.Ang=74deg
HXRBS	00:36:31 00:37:37	Importance=C5	Qual=01		Carr.Lon.=266deg H.Ang=66deg
BCS	00:36 00:38	Peak...c/s=106	Qual=01	Tot Cts=406	
FCS		CaPeak.c/s=75	Qual=1	FePeak=00:38	MaxkeV=102 dt= 7.7s XEN=902100
UVSP	00:29	WaveLength=1375A	Code=00	Exp #=83183	Rast=240"x240" Cad= 131s 0.512s/pixel
Radio Sweeps	Type/Intensity:	II/I III/I			Rast=110" x200" Pitch=+504", Yaw=-851"
Event # = 22310					
89/01/21,02:19	DOY=21 Peak				
GOES	02:08 02:19	Importance=C5	Qual=03	FePeak=02:13	
BCS	02:10 02:18	CaPeak.c/s=25	Qual=1		#Peaks=1 dt= 7.7s XEN=902101
FCS					Rast=0"x0" Cad=1.02s 1.024s/pixel
UVSP	02:18	WaveLength=1375A	Code=00	Exp #=83192	Rast=265" x265" Pitch=+507", Yaw=-823"
Event # = 22311					
89/01/21,02:59	DOY=21 Peak				
GOES	02:50 03:35	Importance=C6	Qual=04	FePeak=03:07	
BCS	03:05 03:08	CaPeak.c/s=33	Qual=1		#Peaks=1 dt= 7.7s XEN=902102
FCS					Rast=115" x115" Cad=1083s 2.048s/pixel
UVSP	02:58	WaveLength=2788A	Code=00	Exp #=83194	Rast=243" x243" Pitch=-823", Yaw=+408"
Event # = 10255					
89/01/21,03:46	DOY=21 Peak				
Optical		SMM Pointing:	N22W66		Pitch=-830", Yaw=+395", Roll=90deg
GOES	03:44 04:10	Ha...Class=SF	N19E71	AR5329	Mac.=DSO Carr.Lon.=131deg H.Ang=70deg
HXRBS	03:44:21 03:44:30	Importance=C5	Qual=03		H.Ang=74deg
UVSP	02:58	Peak...c/s=47	Qual=01	Tot Cts=127	
		WaveLength=2788A	Code=00	Exp #=83194	MaxkeV=102
Event # = 22312					
89/01/21,04:54	DOY=21 Peak				
GOES	04:49 05:07	CaPeak.c/s=23	Qual=00	FePeak=04:51	
BCS	04:49 04:54		Qual=4	Exp #=83197	
FCS		WaveLength=1375A			
UVSP	04:33				
Event # = 10256					
89/01/21,07:09	DOY=21 Peak				
GOES	06:51 07:40	SMM Pointing:	N22W68		Pitch=-394", Yaw=-841", Roll=0deg
HXRBS	06:57:21 06:59:03	Importance=M1	Qual=02	Tot Cts=5685	H.Ang=72deg
UVSP	07:37	Peak...c/s=124	Qual=03	Exp #=83205	MaxkeV=144
		WaveLength=1375A			Rast=265" x265" Pitch=-385", Yaw=-832"



Event # = 10253	DOY=21	SMM Pointing:	N22W70	Pitch=-391", Yaw=-851", Roll=0deg	H. Ang=74deg
89/01/21,09:26	Peak	End times	Qual=00		
Start			Qual=01		
GOES 09:26:33	09:26:35	09:26:43	Peak...c/s=57	Tot Cts=70	MaxkeV=102
HXRBS			Wavelength=1375A	Exp #=83212	Rast=30"x30"
UVSP 09:14					Step=10" Pitch=-332", Yaw=-889"
Event # = 22313	DOY=21	SMM Pointing:	N22W70	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg
89/01/21,09:52	Peak	End times	Qual=01		
Start			Qual=4		
GOES 09:45	09:52	09:57	Importance=C4	FePeak=09:51	FePeak.c/s=10
BCS 09:51	09:51	09:53	CaPeak.c/s=33	Exp #=83214	Rast=0"x0"
FCS			Wavelength=1375A		dt= 7.7s XEN=902104
UVSP 09:45					Cad=1.02s 1.024s/pixel
Event # = 22314	DOY=21	SMM Pointing:	N22W70	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg
89/01/21,10:03	Peak	End times	Qual=01		
Start			Qual=1		
GOES 09:57	10:03	10:11	Importance=C4	FePeak=10:03	FePeak.c/s=22
BCS 09:58	10:03	10:07	CaPeak.c/s=103	Exp #=83215	Rast=240"x240"
FCS			Wavelength=2788A		Cad= 131s 0.512s/pixel
UVSP 10:01					Pitch=-512", Yaw=-667"
Event # = 10254	DOY=21	SMM Pointing:	S05W00	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg
89/01/21,11:38	Peak	End times	Qual=01		
Start			Qual=01		
GOES 11:35	11:38	11:48	Importance=C5	Tot Cts=7152	MaxkeV=144
HXRBS 11:35:52	11:36:15	11:40:25	Peak...c/s=169	Exp #=83217	Rast=180"x1"
UVSP 11:36			Wavelength=2788A		Step=0" Pitch=+4", Yaw=+5"
Event # = 10257	DOY=21	SMM Pointing:	S05W00	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg
89/01/21,14:05	Peak	End times	Qual=00		
Start			Qual=01		
GOES 14:05:29	14:05:37	14:05:59	Peak...c/s=64	Tot Cts=262	MaxkeV=102
HXRBS			Wavelength=2788A	Exp #=83220	Rast=180"x1"
UVSP 13:43					Step=0" Pitch=+4", Yaw=+5"
Event # = 10258	DOY=21	SMM Pointing:	N22W73	Pitch=-387", Yaw=-867", Roll=0deg	H. Ang=76deg
89/01/21,15:45	Peak	End times	Qual=01		
Start			Qual=01		
GOES 15:40	15:45	16:09	Importance=C8	Tot Cts=2241	MaxkeV=102
HXRBS 15:40:07	15:44:38	15:48:19	Peak...c/s=47	Exp #=83222	Rast=180"x1"
UVSP 15:16			Wavelength=2788A		Step=0" Pitch=-383", Yaw=-861"
Event # = 10259	DOY=21	SMM Pointing:	N22W73	Pitch=-387", Yaw=-867", Roll=0deg	H. Ang=76deg
89/01/21,16:15	Peak	End times	Qual=03		
Start			Qual=01		
Optical			Ha...Class=SF	AR5329	Mac.=DSO
GOES 16:10	16:15	16:30	Importance=C8		Carr.Lon.=130deg
HXRBS 16:10:51	16:11:29	16:12:04	Peak...c/s=67	Tot Cts=649	MaxkeV=102
BCS 15:41	16:17	16:21	CaPeak.c/s=155	FePeak=16:15	FePeak.c/s=29
FCS			Wavelength=2788A	Exp #=83223	Rast=240"x240"
UVSP 16:16					Cad= 131s 0.512s/pixel
					dt= 7.7s XEN=902106
					Step=15" Pitch=-382", Yaw=-864"

Event # = 22315		DOY=21													
89/01/21	17:09	Start	Peak	End times											
GOES	17:00	17:09	17:27	CaPeak.c/s=63	Qual=00	Qual=1	FePeak=17:07	FePeak.c/s=10	#Peaks=1	dt= 3.8s	XEN=902107				
BCS				Wavelength=2788A			Exp #=83224	Rast=240"x240"	Step=15"	Cad= 131s	0.512s/pixel				
FCS								Rast=180"x1"	Step=0"	Pitch=-382"	Yaw=-865"				
UVSP	16:50														
Event # = 10260		DOY=21													
89/01/21	19:04	Start	Peak	End times											
GOES	19:00	19:04	19:17	SMM Pointing:	N22W74	Qual=01	FePeak=17:07	Pitch=-385"	Yaw=-871"	Roll=0deg	H.Ang=77deg				
HXRBS	19:00:09	19:01:29	19:02:19	Importance=C9	Qual=01	Qual=01	Tot Cts=1346	MaxkeV=102							
UVSP	19:25			Peak...c/s=71			Exp #=83227	Rast=180"x1"	Step=0"	Pitch=-250"	Yaw=-871"				
				Wavelength=2788A											
Event # = 10261		DOY=21													
89/01/21	19:20	Start	Peak	End times											
GOES	19:17	19:20	19:31	SMM Pointing:	N22W74	Qual=01	FePeak=17:07	Pitch=-385"	Yaw=-871"	Roll=0deg	H.Ang=77deg				
HXRBS	19:15:24	19:16:44	19:18:31	Importance=M1	Qual=01	Qual=01	Tot Cts=6845	MaxkeV=144							
UVSP	19:25			Peak...c/s=309			Exp #=83227	Rast=180"x1"	Step=0"	Pitch=-250"	Yaw=-871"				
				Wavelength=2788A	Code=02	Associated	Event # = 10262								
HXRBS	19:22:39	19:22:41	19:23:21	Peak...c/s=46	Qual=01	Qual=01	Tot Cts=189	MaxkeV=102							
Event # = 10263		DOY=21													
89/01/21	20:16	Start	Peak	End times											
GOES	20:15	20:16	20:40	SMM Pointing:	N22W74	Qual=01	FePeak=17:07	Pitch=-385"	Yaw=-871"	Roll=0deg	H.Ang=77deg				
HXRBS	20:14:43	20:15:05	20:16:49	Importance=C8	Qual=01	Qual=01	Tot Cts=4901	MaxkeV=230							
BCS	20:04	20:17	20:44	Peak...c/s=495			FePeak=20:16	FePeak.c/s=34	#Peaks=2	dt= 7.7s	XEN=902109				
FCS				CaPeak.c/s=193				Rast=240"x240"	Step=15"	Cad= 131s	0.512s/pixel				
UVSP	20:13			Wavelength=1375A	Code=00	Code=00	Exp #=83231	Rast=30"x30"	Step=10"	Pitch=-345"	Yaw=-901"				
Event # = 22316		DOY=21													
89/01/21	21:39	Start	Peak	End times											
Optical				Ha...Class=SF		AR5317									
GOES	21:38	21:39	22:32	CaPeak.c/s=82	Qual=00	Qual=5	FePeak=21:39	FePeak.c/s=7	#Peaks=2	dt= 3.8s	XEN=902110				
BCS				Wavelength=1375A			Exp #=83234	Rast=240"x240"	Step=15"	Cad= 131s	0.512s/pixel				
FCS								Rast=265"x265"	Step=5"	Pitch=-375"	Yaw=-867"				
UVSP	21:39														
Event # = 10264		DOY=21													
89/01/21	22:23	Start	Peak	End times											
GOES	22:13	22:23	22:28	SMM Pointing:	N22W76	Qual=01	FePeak=17:07	Pitch=-382"	Yaw=-881"	Roll=0deg	H.Ang=79deg				
HXRBS	22:22:53	22:23:03	22:23:13	Importance=M1	Qual=01	Qual=01	Tot Cts=114	MaxkeV=102							
UVSP	22:14			Peak...c/s=54			Exp #=83238	Rast=30"x30"	Step=10"	Pitch=-493"	Yaw=-790"				
				Wavelength=1375A	Code=00	Code=00									

89/01/22 00Y=22

Event # = 10265  
 89/01/22,01:37 D0Y=22 SMM Pointing: N22W76 Pitch=-382",Yaw=-881",Roll=0deg H.Ang=79deg  
 Start Peak  
 GOES 01:33 01:37 01:46 End times  
 HXRBS 01:32:20 01:33:20 01:33:58 Importance=C5  
 BCS 01:33 01:36 01:43 Peak...c/s=68  
 FCS CaPeak.c/s=128  
 UVSP 01:39 Wavelength=2788A Code=02 Exp #=83242  
 MaxkeV=102  
 FePeak.c/s=29 #Peaks=1 dt= 3.8s XEN=902200  
 Rast=240"x240" Step=15" Cad= 131s 0.512s/pixel  
 Step=0" Pitch=-245",Yaw=-882"  
 Rast=180"x1"

Event # = 10266  
 89/01/22,03:03 D0Y=22 SMM Pointing: N22W76 Pitch=-382",Yaw=-881",Roll=0deg H.Ang=79deg  
 Start Peak  
 GOES 02:55 03:03 03:21 End times  
 HXRBS 02:54:34 02:55:30 03:01:22 Importance=M1  
 UVSP 03:13 Peak...c/s=321  
 Radio Frequency(MHz)/Flux(sfu): 245/52  
 Wavelength=2788A Code=02 Exp #=83244  
 MaxkeV=187  
 Rast=180"x1" Step=0" Pitch=-244",Yaw=-885"  
 Tot Cts=10627  
 Exp #=83244

Event # = 10267  
 89/01/22,04:11 D0Y=22 SMM Pointing: N22W80 Pitch=-378",Yaw=-891",Roll=0deg H.Ang=82deg  
 Start Peak  
 Optical N14E63 Carr.Lon.=126deg H.Ang=65deg  
 GOES 04:10 04:11 04:32 Importance=C2  
 HXRBS 04:11:07 04:11:33 04:11:57 Peak...c/s=49  
 UVSP 03:58 Wavelength=1375A Code=00  
 Tot Cts=178  
 Exp #=83246  
 MaxkeV=102  
 Rast=110"x200" Step=5" Pitch=-338",Yaw=-906"  
 Pitch=-378",Yaw=-891",Roll=0deg H.Ang=82deg  
 Carr.Lon.=126deg H.Ang=65deg

Event # = 10268  
 89/01/22,11:01 D0Y=22 SMM Pointing: N22W80 Pitch=-378",Yaw=-891",Roll=0deg H.Ang=82deg  
 Start Peak  
 GOES 11:01:44 11:01:50 11:01:55 Peak...c/s=39  
 HXRBS 11:01:44 11:01:50 11:01:55 Wavelength=2788A  
 UVSP 11:00  
 Tot Cts=65  
 Exp #=83284  
 MaxkeV=102  
 Rast=180"x1" Step=0" Pitch=-238",Yaw=-894"  
 Pitch=-378",Yaw=-891",Roll=0deg H.Ang=82deg

Event # = 10269  
 89/01/22,11:04 D0Y=22 SMM Pointing: N22W80 Pitch=-378",Yaw=-891",Roll=0deg H.Ang=82deg  
 Start Peak  
 GOES 11:04:27 11:04:36 11:04:51 Peak...c/s=41  
 HXRBS 11:04:27 11:04:36 11:04:51 Wavelength=2788A  
 UVSP 11:00  
 Tot Cts=137  
 Exp #=83284  
 MaxkeV=102  
 Rast=180"x1" Step=0" Pitch=-238",Yaw=-894"  
 Pitch=-378",Yaw=-891",Roll=0deg H.Ang=82deg

Event # = 22317  
 89/01/22,13:05 D0Y=22 SMM Pointing: N22E29 Carr.Lon.=155deg H.Ang=39deg  
 Start Peak  
 Optical N22E29  
 GOES 12:43 13:05 13:45 Importance=M2 #Peaks=1 dt= 7.7s XEN=902201  
 BCS 13:14 13:14 13:18 CaPeak.c/s=28 Step=0" Cad=1.02s 1.024s/pixel  
 FCS Wavelength=2788A Code=02 Exp #=83287  
 UVSP 13:07 Frequency(MHz)/Flux(sfu): 606/91 4995/52  
 Rast=180"x1" Step=0" Pitch=-236",Yaw=-896"

Event # = 10270					89/01/22,13:52 DOY=22							
Start					Peak							
Optical			N22W84	SMM Pointing:	End times				Pitch=-371", Yaw=-901", Roll=0deg	H. Ang=86deg		
Optical			N20W88	Ha...Class=SN				AR5317	Mac. =FKI			
Optical			S16W69	Ha...Class=SF				AR5332	Carr. Lon.=271deg	H. Ang=90deg		
GOES	13:45	13:52	N16E51	Ha...Class=SF				AR5329	Carr. Lon.=252deg	H. Ang=68deg		
HXRBS	13:45:41	13:47:05	Qual=03	Importance=C6	14:08			Tot Cts=4073	Carr. Lon.=132deg	H. Ang=55deg		
BCS	13:45	13:49	Qual=01	CaPeak.c/s=81	13:50:20			FePeak=13:48				
FCS			Qual= 1	Wavelength=2788A	14:07			Exp #=83288				
UVSP	14:07											
Event # = 10272					89/01/22,15:00 DOY=22							
Start					Peak							
GOES	14:40	15:00	N22W84	SMM Pointing:	End times				Pitch=-371", Yaw=-901", Roll=0deg	H. Ang=86deg		
HXRBS	14:57:41	14:58:02	Qual=04	Importance=C5	15:13							
UVSP	14:41		Qual=01	Peak...c/s=41								
			Code=01	Wavelength=2788A				Tot Cts=201	MaxkeV=102			
			Associated	Event # = 10271				Exp #=83289	Rast=180"x1"	Pitch=-230", Yaw=-899"		
			Qual=01	Peak...c/s=52				Tot Cts=111	MaxkeV=102			
Event # = 10273					89/01/22,21:35 DOY=22							
Start					Peak							
GOES	21:34:37	21:35:00	N22W85	SMM Pointing:	End times				Pitch=-364", Yaw=-905", Roll=0deg	H. Ang=87deg		
HXRBS	21:27		Qual=00	Peak...c/s=51	21:35:25							
UVSP	21:27		Qual=01	Wavelength=1375A				Tot Cts=171	MaxkeV=102			
								Exp #=83306	Rast=110"x200"	Pitch=-340", Yaw=-919"		
Event # = 22318					89/01/22,22:17 DOY=22							
Start					Peak							
Optical				SMM Pointing:	End times							
GOES	22:09	22:17	N16E46	Ha...Class=SN	23:06			AR5329	Mac. =DSI	Carr. Lon.=133deg	H. Ang=50deg	
BCS	22:36	22:37	Qual=05	Importance=C9	22:59				FePeak.c/s=9	#Peaks=1	dt= 3.8s	XEN=902203
FCS			Qual= 5	CaPeak.c/s=137					Rast=240"x240"	Step=15"	Cad= 131s	0.512s/pxel
UVSP	22:07		Code=01	Wavelength=1375A				Exp #=83311	Rast=265"x265"	Step=5"	Pitch=-357", Yaw=-891"	
Event # = 10274					89/01/22,22:43 DOY=22							
Start					Peak							
GOES	22:43:32	22:43:42	N22W85	SMM Pointing:	End times				Pitch=-364", Yaw=-905", Roll=0deg	H. Ang=87deg		
HXRBS	22:40		Qual=00	Peak...c/s=44	22:43:57							
UVSP	22:40		Qual=01	Wavelength=1375A				Tot Cts=120	MaxkeV=102			
								Exp #=83313	Rast=110"x200"	Step=5"	Pitch=-345", Yaw=-919"	
Event # = 22319					89/01/22,23:23 DOY=22							
Start					Peak							
GOES	23:21	23:23		Importance=C3	End times							
BCS	23:23	23:26	Qual=01	CaPeak.c/s=41	23:32							
FCS			Qual= 3	Wavelength=1375A	23:30							
UVSP	23:19		Code=00					Exp #=83317	FePeak=23:24			
									Rast=240"x240"	#Peaks=1	dt= 7.7s	XEN=902204
									Rast=110"x200"	Step=15"	Cad= 131s	0.512s/pxel
										Step=5"	Pitch=-330", Yaw=-919"	

89/01/23 DOY=23

Event # = 10275 DOY=23  
 89/01/23,01:22 Start Peak End times  
 SMM Pointing: N22W85 Pitch=-364", Yaw=-905", Roll=0deg H. Ang=87deg  
 Ha...Class=1N N16E47 Mac. =EAI Carr. Lon.=130deg H. Ang=51deg  
 Code=DSF N30E23 Carr. Lon.=154deg H. Ang=42deg  
 GOES 00:53 01:22 01:50 Importance=M2 Qual=02  
 HXRBS 00:55:10 00:57:22 01:02:28 Peak...c/s=69 Qual=01  
 UVSP 01:07 00:57:22 01:02:28 Wavelength=1375A  
 Radio Sweeps Type/Intensity: III/1  
 MaxkeV=102  
 Rast=265"x265" Step=5" Pitch=-357", Yaw=-891"  
 Tot Cts=4695  
 Exp #=83326

Event # = 10276 DOY=23  
 89/01/23,02:04 Start Peak End times  
 SMM Pointing: N21W85 Pitch=-363", Yaw=-905", Roll=0deg H. Ang=87deg  
 Ha...Class=1F N16E46 Mac. =EAI Carr. Lon.=131deg H. Ang=50deg  
 Importance=M1 Qual=01  
 GOES 01:50 02:04 02:33 Peak...c/s=62 Qual=01  
 HXRBS 02:01:19 02:02:50 02:04:07 Wavelength=1375A Code=02  
 UVSP 02:04 02:02:50 02:04:07 Associated  
 Event # = 10277  
 Tot Cts=1174  
 Exp #=83330  
 MaxkeV=102  
 Rast=110"x200" Step=5" Pitch=-345", Yaw=-919"  
 HXRBS 01:50:49 01:51:00 01:51:09 Peak...c/s=55 Qual=01  
 UVSP 01:45 01:51:00 01:51:09 Associated  
 Event # = 10278  
 Tot Cts=134  
 Exp #=83328  
 MaxkeV=102  
 Rast=110"x200" Step=5" Pitch=-345", Yaw=-919"  
 HXRBS 01:56:40 01:56:48 01:56:56 Peak...c/s=87 Qual=01  
 UVSP 01:45 01:56:48 01:56:56 Associated  
 Event # = 10279  
 Tot Cts=248  
 Exp #=83328  
 MaxkeV=102  
 Rast=110"x200" Step=5" Pitch=-345", Yaw=-919"

Event # = 10279 DOY=23  
 89/01/23,02:28 Start Peak End times  
 SMM Pointing: N21W85 Pitch=-363", Yaw=-905", Roll=0deg H. Ang=87deg  
 Qual=00  
 GOES 02:28:35 02:28:39 02:28:59 Peak...c/s=63 Qual=01  
 HXRBS 02:28:35 02:28:39 02:28:59 Wavelength=1375A  
 UVSP 02:23 02:28:39 02:28:59  
 Tot Cts=209  
 Exp #=83332  
 MaxkeV=102  
 Rast=110"x200" Step=5" Pitch=-335", Yaw=-919"

Event # = 10280 DOY=23  
 89/01/23,03:31 Start Peak End times  
 SMM Pointing: N17E46 Pitch=-352", Yaw=+670", Roll=0deg H. Ang=51deg  
 Importance=C4 Qual=01  
 GOES 03:29 03:31 03:34 Peak...c/s=45 Qual=01  
 HXRBS 03:29:43 03:29:45 03:30:05 CaPeak.c/s=43 Qual=5  
 BCS 03:15 03:36 03:47 Wavelength=2788A  
 FCS 03:07  
 UVSP 03:07  
 Tot Cts=161  
 FePeak=03:36  
 Exp #=83334  
 MaxkeV=102  
 FePeak.c/s=8 #Peaks=2 dt= 7.7s XEN=902300  
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=-217", Yaw=+676"

Event # = 10281 DOY=23  
 89/01/23,03:43 Start Peak End times  
 SMM Pointing: N17E46 Pitch=-352", Yaw=+670", Roll=0deg H. Ang=51deg  
 Qual=00  
 GOES 03:43:36 03:43:50 03:43:54 Peak...c/s=45 Qual=01  
 HXRBS 03:43:36 03:43:50 03:43:54 Wavelength=2788A  
 UVSP 04:07  
 Tot Cts=103  
 Exp #=83335  
 MaxkeV=102  
 Rast=180"x1" Step=0" Pitch=-218", Yaw=+594"

Event # = 22320 DOY=23  
 89/01/23,04:06 Start Peak End times  
 Qual=00  
 GOES 03:52 04:06 04:13 CaPeak.c/s=30 Qual=1  
 BCS 03:52 04:06 04:13 Wavelength=2788A  
 FCS 04:07  
 UVSP 04:07  
 FePeak=04:06  
 Exp #=83335  
 FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=902301  
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=-218", Yaw=+594"

Event # = 10283		89/01/24		DOY=24			
89/01/24, 18:55	Start	DOY=24	Peak	S06W00	SMM Pointing:	Pitch=-1", Yaw=-1", Roll=0deg	H. Ang=0deg
Optical					Ha...Class=SF	Mac.=FKI	H. Ang=30deg
GOES				AR5329	Peak...c/s=46	Carr. Lon.=133deg	
HXRBS	18:55:32	18:55:47	18:56:40	Tot Cts=389		MaxkeV=102	
Event # = 10286		89/01/24		DOY=24			
89/01/24, 21:43	Start	DOY=24	Peak	S24E90	SMM Pointing:	Pitch=+3", Yaw=+983", Roll=0deg	H. Ang=88deg
Optical				Qual=00	Code=BSL	Carr. Lon.=63deg	
GOES				Qual=01	Peak...c/s=42	MaxkeV=102	
HXRBS	21:43:08	21:43:13	21:43:58	Tot Cts=138	Frequency(MHz)/Flux(stu): 245/320		
Event # = 10284		89/01/24		DOY=24			
89/01/24, 23:10	Start	DOY=24	Peak	N17E22	SMM Pointing:	Pitch=-373", Yaw=+347", Roll=0deg	H. Ang=31deg
Optical				N18E21	Ha...Class=1N	Mac.=EKI	H. Ang=31deg
GOES	23:00	23:10	23:18	AR5329	Importance=M1	Carr. Lon.=131deg	
HXRBS	23:00:41	23:04:51	23:13:41	Tot Cts=18073	Peak...c/s=239	MaxkeV=144	
BCS	22:55	23:06	23:46	FePeak=23:06	CaPeak.c/s=620	FePeak.c/s=157	XEN=902400
FCS				Qual=7	Type/Intensity: V/3	Rast=240"x240"	Step=10" Cad=590s
Radio Sweeps							
BCS	23:46	23:46	23:47	Associated Event # = 22321	CaPeak.c/s=23	FePeak.c/s=2	XEN=902401
FCS				Qual=5	FePeak=23:46	Rast=0"x0"	Step=0" Cad=3840s
Event # = 10285		89/01/25		DOY=25			
89/01/25, 01:05	Start	DOY=25	Peak	N17E21	SMM Pointing:	Pitch=-375", Yaw=+337", Roll=0deg	H. Ang=31deg
Optical				Qual=00	Importance=C9	MaxkeV=102	
GOES	23:29	23:32	23:41	Qual=01	Peak...c/s=61		
HXRBS	23:28:21	23:30:49	23:31:52	Tot Cts=1730			
Event # = 10287		89/01/25		DOY=25			
89/01/25, 01:05	Start	DOY=25	Peak	N17E20	SMM Pointing:	Pitch=-375", Yaw=+325", Roll=0deg	H. Ang=31deg
Optical				Qual=00	Peak...c/s=102	MaxkeV=102	
GOES	01:05:00	01:05:11	01:05:18	Tot Cts=317			
HXRBS	01:05:00	01:05:11	01:05:18				
Event # = 10288		89/01/25		DOY=25			
89/01/25, 02:53	Start	DOY=25	Peak	N17E20	SMM Pointing:	Pitch=-375", Yaw=+325", Roll=0deg	H. Ang=31deg
Optical				Qual=00	Peak...c/s=42	MaxkeV=102	
GOES	02:53:13	02:53:28	02:53:48	Tot Cts=139			
HXRBS	02:53:13	02:53:28	02:53:48				
Event # = 22322		89/01/25		DOY=25			
89/01/25, 05:41	Start	DOY=25	Peak	Qual=00	CaPeak.c/s=25	FePeak=05:34	XEN=902500
GOES	05:34	05:41	05:47	Qual=4	FePeak=05:34	dt=7.7s	XEN=902500
BCS						Step=0"	Cad=1.02s
FCS							

Event # = 22323		DOY=25		Qual=01		FePeak=05:57		FePeak.c/s=15		#Peaks=1		dt= 3.8s		XEN=902501	
89/01/25,05:57		Peak		Qual=1		FePeak=05:57		Rast=300"x240"		Step=15"		Cad= 328s		1.024s/pixel	
GOES 05:52		06:06		Importance=C3											
BCS 05:55		06:09		CaPeak.c/s=83											
FCS															
Radio Sweeps		Type/Intensity:		III/I											
Event # = 22324		DOY=25		N17E18		AR5329		Mac.=FKI		Carr.Lon.=130deg		H.Ang=35deg			
89/01/25,06:55		Peak		N25E18		AR5329		Mac.=FKI		Carr.Lon.=130deg		H.Ang=35deg			
Optical		End times		Qual=01		FePeak=06:51		FePeak.c/s=18		#Peaks=1		dt= 3.8s		XEN=902502	
GOES 06:43		07:10		Qual=1		FePeak=06:51		Rast=180"x180"		Step=10"		Cad= 332s		1.024s/pixel	
BCS 06:49		07:05													
FCS															
Event # = 10292		DOY=25		N17E18				Pitch=-377"		Yaw=+286"		Roll=0deg		H.Ang=29deg	
89/01/25,07:13		Peak		S24E90		AR5334		Mac.=DAI		Carr.Lon.=58deg		H.Ang=88deg			
Optical		End times		Qual=01		Tot Cts=6910		MaxkeV=187		Flags=I					
GOES 07:10		07:22		Qual=01		Tot Cts=6910									
HXRBS 07:08:46		07:10:16		Peak...c/s=136											
Event # = 11285		DOY=25		N17E17				Pitch=-377"		Yaw=+272"		Roll=0deg		H.Ang=28deg	
89/01/25,09:11		Peak		Qual=01		Tot Cts=231		MaxkeV=102		Flags=I					
GOES 09:09		09:15		Qual=01		Tot Cts=231									
HXRBS 09:09:08		09:09:30		Peak...c/s=48											
Radio		Frequency(MHz)/Flux(sfu):		245/620 410/190											
Event # = 10289		DOY=25		N17E16				Pitch=-377"		Yaw=+259"		Roll=0deg		H.Ang=28deg	
89/01/25,10:09		Peak		Qual=01		Tot Cts=299		MaxkeV=102							
GOES 10:06		10:09		Qual=01		Tot Cts=299									
HXRBS 10:07:29		10:07:38		Peak...c/s=58											
Radio		Frequency(MHz)/Flux(sfu):		245/600											
Event # = 22325		DOY=25		N17E15				Pitch=-378"		Yaw=+246"		Roll=0deg		H.Ang=28deg	
89/01/25,10:30		Peak		Qual=01		FePeak=10:29		FePeak.c/s=7		#Peaks=1		dt= 7.7s		XEN=902503	
GOES 10:20		10:30		Qual=4		FePeak=10:29		Rast=0"x0"		Step=0"		Cad=1.02s		1.024s/pixel	
BCS 10:29		10:29													
FCS															
Event # = 10290		DOY=25		N17E15				Pitch=-378"		Yaw=+246"		Roll=0deg		H.Ang=28deg	
89/01/25,11:41		Peak		Qual=01		Tot Cts=338		MaxkeV=102							
GOES 11:37		11:41		Qual=01		Tot Cts=338									
HXRBS 11:38:28		11:39:33		Peak...c/s=49											

Event # = 22326		DOY=25									
89/01/25,13:22		Peak									
Optical		End times									
G0ES	13:19	13:22	13:28	Ha...Class=SF	N12E17	AR5329	Mac.=FKI	Carr.-Lon.=127deg	H.Ang=24deg		
BCS	13:19	13:19	13:23	Importance=C2	Qual=01		FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=902504	
FCS				CaPeak.c/s=33	Qual= 4	FePeak=13:19	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel	
Event # = 10291		DOY=25									
89/01/25,15:07		Peak									
Optical		End times		SMM Pointing:							
G0ES	14:49	15:07	16:28	Ha...Class=SN	N17E14		Pitch=-378",Yaw=+224",Roll=0deg	H.Ang=27deg			
HXRBS	14:50:03	14:54:45	15:19:48	Importance=M2	S28E43	AR5330	Mac.=FAI	Carr.-Lon.=100deg	H.Ang=47deg		
BCS	14:48	15:20	15:35	Peak...c/s=647	Qual=03		MaxkeV=230	Flags=ND	dt= 7.7s	XEN=902505	
FCS				CaPeak.c/s=54	Qual= 6	Tot Cts=59789	FePeak.c/s=7	#Peaks=2	Cad=35.8s	35.84s/pixel	
Radio	Frequency(MHz)/Flux(sfu):		1415/280 2695/300	4995/340 8800/350 15400/230							
BCS	16:08	16:09	16:15	Associated	Event # = 22328		FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=902506	
FCS				Qual= 4	FePeak=16:08		Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel	
Event # = 10297		DOY=25									
89/01/25,17:40		Peak									
Optical		End times		SMM Pointing:							
G0ES	17:35	17:40	18:00	Ha...Class=SF	N17E12		Pitch=-380",Yaw=+192",Roll=0deg	H.Ang=26deg			
HXRBS	17:37:11	17:39:01	17:40:11	Importance=C8	Qual=03		MaxkeV=230	Flags=ND			
BCS				Peak...c/s=145	Qual=01	Tot Cts=9090					
FCS											
Event # = 22329		DOY=25									
89/01/25,19:17		Peak									
Optical		End times									
G0ES	19:14	19:17	19:41	Ha...Class=SF	N13E18	AR5329	Mac.=FKI	Carr.-Lon.=123deg	H.Ang=26deg		
BCS				CaPeak.c/s=29	Qual=00		FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=902507	
FCS				Peak3...c/s=-1	Qual= 4	FePeak=19:14	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel	
Event # = 22330		DOY=25									
89/01/25,21:13		Peak									
Optical		End times									
G0ES	21:03	21:13	21:25	Ha...Class=SF	N19E11	AR5329	Mac.=FKI	Carr.-Lon.=129deg	H.Ang=27deg		
BCS				CaPeak.c/s=26	Qual=00		FePeak.c/s=9	#Peaks=2	dt= 7.7s	XEN=902509	
FCS					Qual= 4	FePeak=21:12	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel	
Event # = 10293		DOY=26									
89/01/26,00:08		Peak									
Optical		End times		SMM Pointing:							
G0ES	00:00	00:08	00:50	Ha...Class=SN	N17E08		Pitch=-381",Yaw=+137",Roll=0deg	H.Ang=25deg			
HXRBS	00:01:14	00:03:20	00:05:12	Importance=C6	Qual=01		MaxkeV=102	Flags=ND	dt= 7.7s	XEN=902510	
BCS	23:53	00:06	00:32	Peak...c/s=48	Qual=01	Tot Cts=776	FePeak.c/s=47	#Peaks=1	Cad= 590s	1.024s/pixel	
FCS				CaPeak.c/s=259	Qual= 1	FePeak=00:05	Rast=240"x240"	Step=10"			



Event # = 10299	89/01/26,04:38	Start	DOY=26	Peak									Pitch=-381",Yaw=+96",Ro11=0deg	H.Ang=24deg		
Optical					SMM Pointing:	N17E06		AR5329					Mac.=FKI	Carr.Lon.=133deg	H.Ang=23deg	
GOES	04:26	04:38	04:38	06:10	Ha...Class=2N	N17E03							MaxkeV=144	Flags=M5,SN	XEN=902600	
HXRBS	04:32:01	04:34:13	04:54:08	05:33	Importance=M3	Qual=04		Tot Cts=89824					FePeak.c/s=489	#Peaks=1	dt= 3.8s	
BCS	04:32	04:38	04:38	05:33	Peak...c/s=518	Qual=02		FePeak=04:37					Rast=240"x240"	Step=10"	Cad= 590s	
FCS					CaPeak.c/s=1599	Qual= 1										
Radio					Frequency(MHz)/Flux(sfu):	2695/67 8800/120 15400/63		Event # = 10301								
HXRBS	05:18:32	05:21:56	05:25:10	05:34	Associated	Qual=01		Tot Cts=6368					MaxkeV=102	Flags=ND		
BCS	05:33	05:33	05:33	05:34	Peak...c/s=57	Associated		Event # = 23350					FePeak.c/s=11	#Peaks=1	dt= 7.7s	
FCS					CaPeak.c/s=71	Qual= 5		FePeak=05:33					Rast=0"x0"	Step=0"	Cad=3840s	
Event # = 22332	89/01/26,06:10	Start	DOY=26	Peak												
GOES	06:07	06:10	06:10	07:07	CaPeak.c/s=55	Qual=00		FePeak=06:13					FePeak.c/s=6	#Peaks=1	dt= 3.8s	
BCS						Qual= 5							Rast=240"x240"	Step=10"	Cad= 590s	
FCS																
Event # = 10302	89/01/26,06:41	Start	DOY=26	Peak												
GOES	06:27	06:41	06:41	07:07	SMM Pointing:	N17E05										
HXRBS	06:32:42	06:37:26	06:40:04	06:53	Importance=C6	Qual=01		Tot Cts=8108					MaxkeV=187			
Radio					Peak...c/s=160	Qual=01										
					Type/Intensity:	III/2										
					Frequency(MHz)/Flux(sfu):	410/57 606/18 2695/38 8800/53 15400/60										
Event # = 22333	89/01/26,08:18	Start	DOY=26	Peak												
Optical					Ha...Class=SF	N20E03										
GOES	08:12	08:18	08:18	08:26	CaPeak.c/s=26	Qual=06		FePeak=08:12					FePeak.c/s=7	#Peaks=1	dt= 7.7s	
BCS						Qual= 1							Rast=0"x0"	Step=0"	Cad=1.02s	
FCS																
Event # = 22334	89/01/26,11:46	Start	DOY=26	Peak												
GOES	11:41	11:46	11:46	11:47	CaPeak.c/s=24	Qual=06		FePeak=11:45					FePeak.c/s=11	#Peaks=1	dt= 7.7s	
BCS						Qual= 2							Rast=0"x0"	Step=0"	Cad=1.02s	
FCS																
Event # = 10303	89/01/26,14:13	Start	DOY=26	Peak												
Optical					SMM Pointing:	N19W01										
GOES	14:10	14:13	14:13	14:36	Ha...Class=SN	N15W03		AR5329								
HXRBS	14:11:17	14:11:43	14:22:34	14:12:00	Importance=M1	Qual=06		Tot Cts=36107					MaxkeV=418	Flags=M5	Dur=60sec	
GRS	14:11:00	14:12:00	14:12:00	14:12:00	Peak...c/s=4165	Qual=01							FePeak.c/s=145	#Peaks=1	dt= 3.8s	
BCS	14:12	14:15	14:15	14:36	CaPeak.c/s=527	Qual= 1		FePeak=14:15					Rast=300"x240"	Step=15"	Cad= 328s	
FCS																
Radio					Frequency(MHz)/Flux(sfu):	4995/160 8800/750 15400/710										

Event # = 22335  
 89/01/26,14:36 DOY=26  
 Start Peak  
 Optical  
 GOES 14:36 14:36 14:39 14:37  
 BCS  
 FCS  
 Ha...Class=SF  
 CaPeak.c/s=24  
 S21E33  
 Qual=06  
 Qual= 5  
 AR5330  
 FePeak=14:37  
 Mac.=FAI  
 Carr.Lon.=97deg  
 H.Ang=35deg  
 #Peaks=1 dt= 7.7s  
 Rast=240"x240" Step=10" Cad= 590s  
 XEN=902606  
 1.024s/pixel

Event # = 10306  
 89/01/26,17:28 DOY=26  
 Start Peak  
 Optical  
 GOES 17:24:00 17:24:20 17:24:48 17:24:48  
 BCS 17:27 17:28 17:32 17:32  
 FCS  
 Radio  
 Frequency(MHz)/Flux(sfu): 245/440  
 SMM Pointing:  
 Ha...Class=SF  
 Peak...c/s=59  
 CaPeak.c/s=29  
 N19W02  
 N18W68  
 Qual=06  
 Qual=01  
 Qual= 1  
 AR5323  
 AR5329  
 Tot Cts=442  
 FePeak=17:27  
 Mac.=CSO  
 Carr.Lon.=197deg  
 H.Ang=71deg  
 MaxkeV=102  
 FePeak.c/s=15  
 Rast=0"x0"  
 #Peaks=1 dt= 7.7s  
 Step=0" Cad=1.02s  
 XEN=902607  
 1.024s/pixel

Event # = 22336  
 89/01/26,23:25 DOY=26  
 Start Peak  
 Optical  
 GOES 23:15 23:25 23:40 23:40  
 BCS 23:20 23:22 23:28 23:28  
 FCS  
 Ha...Class=SF  
 Importance=C2  
 CaPeak.c/s=27  
 N16W09  
 Qual=01  
 Qual= 4  
 AR5329  
 FePeak=23:20  
 Mac.=FKI  
 Carr.Lon.=135deg  
 H.Ang=23deg  
 #Peaks=1 dt= 7.7s  
 Step=0" Cad=1.02s  
 XEN=902608  
 1.024s/pixel

Event # = 10307  
 89/01/26,23:56 DOY=26  
 Start Peak  
 Optical  
 GOES 23:48 23:56 00:20 00:20  
 HXRBS 23:49:17 23:50:45 00:04:26 00:04:26  
 GRS 23:50:00 23:53:00  
 BCS 23:57 23:57 00:00  
 FCS  
 Radio  
 Frequency(MHz)/Flux(sfu): 245/310 606/35 1415/150 4995/310 8800/300  
 SMM Pointing:  
 Ha...Class=IN  
 Importance=M3  
 Peak...c/s=1965  
 CaPeak.c/s=20  
 N19W06  
 S22E74  
 Qual=03  
 Qual=03  
 AR5334  
 Tot Cts=2.20E+5  
 FePeak=23:57  
 Mac.=DAI  
 Carr.Lon.=51deg  
 H.Ang=73deg  
 Flags=M5, ES  
 Dur=180sec  
 XEN=902609  
 1.024s/pixel

Event # = 22337  
 89/01/27,02:22 DOY=27  
 Start Peak  
 Optical  
 GOES 02:15 02:22 02:30 02:30  
 BCS 02:24 02:25 02:29 02:29  
 FCS  
 Ha...Class=SF  
 Importance=C2  
 CaPeak.c/s=35  
 N16W09  
 Qual=04  
 Qual= 4  
 AR5329  
 FePeak=02:24  
 Mac.=FKI  
 Carr.Lon.=133deg  
 H.Ang=23deg  
 #Peaks=1 dt= 7.7s  
 Step=0" Cad=1.02s  
 XEN=902700  
 1.024s/pixel

Event # = 10308  
 89/01/27,02:38 DOY=27  
 Start Peak  
 Optical  
 GOES 02:30 02:38 02:48 02:48  
 HXRBS 02:36:56 02:37:04 02:37:35 02:37:35  
 BCS 02:32 02:36 02:44 02:44  
 FCS  
 SMM Pointing:  
 Ha...Class=SF  
 Importance=C3  
 Peak...c/s=51  
 CaPeak.c/s=72  
 N19W07  
 N16W09  
 Qual=01  
 Qual=01  
 Qual= 1  
 AR5329  
 Tot Cts=199  
 FePeak=02:33  
 Mac.=FKI  
 Carr.Lon.=133deg  
 H.Ang=23deg  
 MaxkeV=102  
 FePeak.c/s=14  
 Rast=300"x240"  
 #Peaks=1 dt= 3.8s  
 Step=15" Cad= 328s  
 XEN=902701  
 1.024s/pixel

Event # = 10309	DOY=27	SMM Pointing:	N19W08	Pitch=-414"	Yaw=-128"	Roll=0deg	H. Ang=26deg
89/01/27,02:51	Peak	End times	Qual=00	MaxkeV=102			
GOES	02:50:52	02:51:23	02:51:40	Tot	Cts=190		
HXRBS							
Event # = 10310	DOY=27	SMM Pointing:	N19W09	Pitch=-414"	Yaw=-139"	Roll=0deg	H. Ang=27deg
89/01/27,04:26	Peak	End times	N18W10	Mac.=FKI	Carr. Lon.=133deg		H. Ang=26deg
Optical	04:22	04:32	04:32	AR5329			
GOES	04:23:10	04:24:11	04:24:57	Tot	Cts=511	#Peaks=1	XEN=902702
HXRBS	04:24:04	04:24:26	04:32	FePeak	=04:26	dt= 3.8s	XEN=902702
BCS	04:24:04	04:26	04:32	Qual= 1		Rast=300"x240"	Cad= 328s
FCS						Step=15"	
Event # = 10312	DOY=27	SMM Pointing:	N19W09	Pitch=-414"	Yaw=-139"	Roll=0deg	H. Ang=27deg
89/01/27,04:56	Peak	End times	Qual=03	MaxkeV=102			
GOES	04:53	05:10	05:10	Tot	Cts=215		
HXRBS	04:54:38	04:54:46	04:55:08				
Event # = 22338	DOY=27	SMM Pointing:	N16W11	Mac.=FKI	Carr. Lon.=133deg		H. Ang=24deg
89/01/27,05:45	Peak	End times	Qual=01	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=902703
Optical	05:34	06:00	06:00	AR5329	Step=0"	Cad=1.02s	XEN=902703
GOES	05:38	05:44	05:52	FePeak	=05:45		1.024s/pixel
BCS	05:38	05:44	05:52	Qual= 4			
FCS							
Event # = 10313	DOY=27	SMM Pointing:	N19W09	Pitch=-413"	Yaw=-151"	Roll=0deg	H. Ang=27deg
89/01/27,06:30	Peak	End times	Qual=02	MaxkeV=102			
GOES	06:25	06:30	06:35	Tot	Cts=86		
HXRBS	06:26:00	06:26:07	06:26:17				
Event # = 22339	DOY=27	SMM Pointing:	N16W12	Mac.=FKI	Carr. Lon.=133deg		H. Ang=25deg
89/01/27,07:13	Peak	End times	Qual=01	FePeak.c/s=10	#Peaks=1	dt= 3.8s	XEN=902704
Optical	07:09	07:20	07:20	AR5329	Step=10"	Cad= 590s	XEN=902704
GOES	07:10	07:13	07:20	FePeak	=07:13		1.024s/pixel
BCS	07:10	07:13	07:20	Qual= 1			
FCS							
Event # = 10311	DOY=27	SMM Pointing:	N20W11	Pitch=-414"	Yaw=-179"	Roll=0deg	H. Ang=28deg
89/01/27,08:40	Peak	End times	Qual=00	MaxkeV=102			
GOES	08:39:55	08:40:14	08:40:26	Tot	Cts=192		
HXRBS							
Event # = 22340	DOY=27	SMM Pointing:	N16W14	Mac.=FKI	Carr. Lon.=132deg		H. Ang=26deg
89/01/27,12:27	Peak	End times	Qual=01	FePeak.c/s=21	#Peaks=1	dt= 3.8s	XEN=902705
Optical	12:20	12:27	12:45	AR5329	Step=10"	Cad= 590s	XEN=902705
GOES	12:20	12:26	12:39	FePeak	=12:25		1.024s/pixel
BCS	12:23	12:26	12:39	Qual= 1			
FCS							

Event # = 10314  
 89/01/27, 15:25 DOY=27  
 Start Peak  
 Optical N19W14 SMM Pointing: N19W14  
 GOES 15:10 15:25 15:45 15:45 15:45 15:45 15:45 15:45 15:45 15:45  
 HXRBS 15:19:22 15:20:26 15:25:35 15:25:35 15:25:35 15:25:35 15:25:35 15:25:35 15:25:35 15:25:35  
 BCS 15:17 15:24 15:39 15:39 15:39 15:39 15:39 15:39 15:39 15:39  
 FCS  
 Radio Frequency(MHz)/Flux(sfu): 4995/240 8800/190  
 BCS 15:40 15:40 15:42 15:42 15:42 15:42 15:42 15:42 15:42 15:42  
 FCS  
 Ha...Class=1B  
 Importance=M1  
 Peak...c/s=641  
 CaPeak.c/s=633  
 Associated Event # = 22341  
 Qual=5 FePeak=15:40  
 FePeak.c/s=8 #Peaks=1 dt= 7.7s XEN=902707  
 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel  
 Pitch=-412", Yaw=-230", Roll=0deg H.Ang=29deg  
 Mac.=FKI Carr.Lon.=131deg H.Ang=27deg  
 MaxkeV=230 Flags=M5,FS  
 FePeak.c/s=190 #Peaks=1 dt= 3.8s XEN=902706  
 Rast=300"x240" Step=15" Cad= 328s 1.024s/pixel

Event # = 10315  
 89/01/28, 06:35 DOY=28  
 Start Peak  
 Optical S17E12 SMM Pointing: S17E12  
 GOES 06:32 06:35 06:37 06:37 06:37 06:37 06:37 06:37 06:37 06:37  
 HXRBS 06:32:55 06:33:04 06:34:19 06:34:19 06:34:19 06:34:19 06:34:19 06:34:19 06:34:19 06:34:19  
 Radio Sweeps Type/Intensity: V/3  
 Radio Frequency(MHz)/Flux(sfu): 245/95 410/130 606/230 1415/170 2695/160 4995/160 8800/150 15400/61  
 BCS 06:32 06:35 06:37 06:37 06:37 06:37 06:37 06:37 06:37 06:37  
 FCS  
 Ha...Class=SN  
 Importance=M1  
 Peak...c/s=674  
 V/3  
 Associated Event # = 22341  
 Qual=5 FePeak=15:40  
 FePeak.c/s=8 #Peaks=1 dt= 7.7s XEN=902707  
 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel  
 Pitch=+192", Yaw=+187", Roll=0deg H.Ang=16deg  
 Mac.=FAI Carr.Lon.=92deg H.Ang=22deg  
 MaxkeV=187 Tot Cts=807

Event # = 10316  
 89/01/28, 08:16 DOY=28  
 Start Peak  
 Optical S17E10 SMM Pointing: S17E10  
 GOES 08:10 08:16 08:50 08:50 08:50 08:50 08:50 08:50 08:50 08:50  
 HXRBS 08:05:19 08:12:55 08:21:05 08:21:05 08:21:05 08:21:05 08:21:05 08:21:05 08:21:05 08:21:05  
 Radio Sweeps Type/Intensity: V/3  
 Radio Frequency(MHz)/Flux(sfu): 245/95 410/130 606/230 1415/170 2695/160 4995/160 8800/150 15400/61  
 BCS 08:10 08:16 08:50 08:50 08:50 08:50 08:50 08:50 08:50 08:50  
 FCS  
 Ha...Class=SN  
 Importance=M1  
 Peak...c/s=50  
 V/3  
 Associated Event # = 22341  
 Qual=5 FePeak=15:40  
 FePeak.c/s=8 #Peaks=1 dt= 7.7s XEN=902707  
 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel  
 Pitch=+191", Yaw=+167", Roll=0deg H.Ang=15deg  
 Mac.=FAI Carr.Lon.=92deg H.Ang=30deg  
 MaxkeV=102 Tot Cts=673

Event # = 10317  
 89/01/28, 08:58 DOY=28  
 Start Peak  
 Optical S17E10 SMM Pointing: S17E10  
 GOES 08:53 08:58 09:03 09:03 09:03 09:03 09:03 09:03 09:03 09:03  
 HXRBS 08:54:14 08:55:01 08:56:01 08:56:01 08:56:01 08:56:01 08:56:01 08:56:01 08:56:01 08:56:01  
 Radio Sweeps Type/Intensity: III/1  
 Radio Frequency(MHz)/Flux(sfu): 410/58 2695/80 4995/84 8800/64  
 BCS 08:53 08:58 09:03 09:03 09:03 09:03 09:03 09:03 09:03 09:03  
 FCS  
 Ha...Class=SN  
 Importance=M1  
 Peak...c/s=94  
 III/1  
 Associated Event # = 10319  
 Qual=01 Tot Cts=490  
 FePeak=15:40  
 FePeak.c/s=8 #Peaks=1 dt= 7.7s XEN=902707  
 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel  
 Pitch=+191", Yaw=+125", Roll=0deg H.Ang=14deg  
 Mac.=FKI Carr.Lon.=131deg H.Ang=33deg  
 MaxkeV=102 Tot Cts=5966

Event # = 10320  
 89/01/28, 15:58 DOY=28  
 Start Peak  
 Optical S17E06 SMM Pointing: S17E06  
 GOES 15:53 15:58 16:31 16:31 16:31 16:31 16:31 16:31 16:31 16:31  
 HXRBS 15:54:32 15:55:04 15:56:11 15:56:11 15:56:11 15:56:11 15:56:11 15:56:11 15:56:11 15:56:11  
 Radio Frequency(MHz)/Flux(sfu): 8800/61  
 BCS 15:53 15:58 16:31 16:31 16:31 16:31 16:31 16:31 16:31 16:31  
 FCS  
 Ha...Class=SN  
 Importance=C4  
 Peak...c/s=205  
 Associated Event # = 10319  
 Qual=01 Tot Cts=3360  
 FePeak=15:40  
 FePeak.c/s=8 #Peaks=1 dt= 7.7s XEN=902707  
 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel  
 Pitch=+190", Yaw=+99", Roll=0deg H.Ang=13deg  
 Mac.=FKI Carr.Lon.=132deg H.Ang=36deg  
 MaxkeV=144 Tot Cts=144

Event # = 10321	DOY=28	SMM Pointing:	S17E05	Pitch=+190", Yaw=+85", Roll=0deg	H. Ang=12deg
89/01/28, 17:58	Peak	Ha...Class=SB	N14W25	Mac. =FKI	Carr. Lon.=127deg
Optical	End times	Importance=C5	Qual=03	MaxkeV=102	Flags=SG
GOES 17:49	18:36	Peak...c/s=81	Qual=02	Tot Cts=863	
HXRBS 17:53:38	17:55:46				
89/01/29 DOY=29					
Event # = 10322	DOY=29	SMM Pointing:	S17E01	Pitch=+186", Yaw=+18", Roll=0deg	H. Ang=11deg
89/01/29, 01:35	Peak	Importance=C2	Qual=01	MaxkeV=102	
GOES 01:32	01:40	Peak...c/s=50	Qual=01	Tot Cts=128	
HXRBS 01:32:12	01:32:20				
89/01/29 DOY=29					
Event # = 22342	DOY=29	Importance=C2	Qual=03	FePeak.c/s=8	#Peaks=1 dt=11.3s XEN=902900
89/01/29, 03:28	Peak	CaPeak.c/s=36	Qual=1	Rast=0"x0"	Cad=1.02s
GOES 03:20	03:28				
BCS 03:22	03:27				
FCS					
89/01/29 DOY=29					
Event # = 22343	DOY=29	Importance=C2	Qual=01	FePeak.c/s=9	#Peaks=1 dt=11.3s XEN=902901
89/01/29, 07:25	Peak	CaPeak.c/s=36	Qual=4	Rast=0"x0"	Cad=1.02s
GOES 07:15	07:25				
BCS 07:25	07:26				
FCS					
89/01/29 DOY=29					
Event # = 10323	DOY=29	SMM Pointing:	S17W03	Pitch=+189", Yaw=-41", Roll=0deg	H. Ang=11deg
89/01/29, 08:06	Peak	Importance=C3	Qual=01	MaxkeV=102	
GOES 08:03	08:15	Peak...c/s=45	Qual=01	Tot Cts=334	
HXRBS 08:03:34	08:04:06				
89/01/29 DOY=29					
Event # = 22344	DOY=29	Importance=C2	Qual=01	FePeak.c/s=6	#Peaks=1 dt=11.3s XEN=902902
89/01/29, 09:25	Peak	CaPeak.c/s=20	Qual=4	Rast=0"x0"	Cad=1.02s
GOES 09:15	09:25				
BCS 09:24	09:26				
FCS					
89/01/29 DOY=29					
Event # = 10324	DOY=29	SMM Pointing:	S17W04	Pitch=+190", Yaw=-69", Roll=0deg	H. Ang=12deg
89/01/29, 11:06	Peak	Importance=M1	Qual=03	MaxkeV=144	
GOES 10:44	11:06	Peak...c/s=116	Qual=01	FePeak.c/s=143	#Peaks=1 dt=11.3s XEN=902903
HXRBS 10:44:51	10:47:57	CaPeak.c/s=609	Qual=1	Rast=0"x0"	Cad=1.02s
BCS 10:41	11:00				
FCS					
89/01/29 DOY=29					
Event # = 10325	DOY=29	SMM Pointing:	S17W05	Pitch=+190", Yaw=-83", Roll=0deg	H. Ang=12deg
89/01/29, 12:29	Peak	Ha...Class=SF	S24E38	Mac. =EAI	Carr. Lon.=54deg
Optical	End times	Importance=C4	Qual=01	MaxkeV=102	
GOES 12:24	12:29	Peak...c/s=66	Qual=01	Tot Cts=2134	
HXRBS 12:24:46	12:25:44				

Event # = 22345										
89/01/29,16:07 DOY=29			Peak			End times				
Optical										
GOES	16:00	16:07	16:10	16:10						
BCS	16:06	16:07	16:10	16:10						
FCS										
Event # = 10327										
89/01/29,23:04 DOY=29			Peak			End times				
Optical										
GOES	23:01	23:04	23:07	23:07						
HXRBS	23:04:23	23:04:56	23:05:19	23:05:19						
BCS	23:04	23:06	23:07	23:07						
FCS										
UVSP	22:51									
Radio	Frequency(MHz)/Flux(sfu):			410/43 606/260 15400/18						
HXRBS	23:03:09	23:03:20	23:03:37	23:03:37						
	Peak...c/s=64				Associated		Event # = 10326			
					Qual=01		Tot Cts=361			
Event # = 10328										
89/01/29,23:34 DOY=29			Peak			End times				
Optical										
GOES	23:20	23:34	23:58	23:58						
HXRBS	23:25:27	23:27:11	23:29:03	23:29:03						
BCS	23:27	23:28	23:39	23:39						
FCS										
UVSP	22:51									
Radio	Frequency(MHz)/Flux(sfu):			245/690 410/200 606/160 8800/20						
	WaveLength=2788A				SMM Pointing:		N19W45			
					Ha...Class=1N		N19W43			
					Importance=C4		Qual=01			
					Peak...c/s=267		Qual=01			
					CaPeak.c/s=201		Qual=1			
					Wavelength=2788A		Code=01			
					410/43 606/260 15400/18		Exp # = 83340			
					Associated		Event # = 10326			
					Qual=01		Tot Cts=361			
Event # = 10330										
89/01/30,01:10 DOY=30			Peak			End times				
Optical										
GOES	00:38	01:10	01:30	01:30						
HXRBS	00:57:19	01:06:29	01:17:09	01:17:09						
BCS	00:44	00:46	00:52	00:52						
FCS										
UVSP	01:25									
Radio Sweeps	Type/Intensity:			IV/2						
Radio	Frequency(MHz)/Flux(sfu):			245/14 410/120 606/15 1415/63 2695/90 4995/160 8800/360 15400/390						
	Peak...c/s=58				Associated		Event # = 10329			
					Qual=01		Tot Cts=466			
					Wavelength=2788A		Exp # = 83341			
					Peak...c/s=58		Event # = 10329			
					Qual=01		Tot Cts=466			
					Wavelength=2788A		Exp # = 83341			
					Peak...c/s=58		Event # = 10329			
					Qual=01		Tot Cts=466			
					Wavelength=2788A		Exp # = 83341			
					Peak...c/s=58		Event # = 10329			
					Qual=01		Tot Cts=466			
					Wavelength=2788A		Exp # = 83341			

Event # = 22346															
89/01/30, 02:15	DOY=30														
Start	Peak														
Optical		Ha...Class=SF	N25W74	AR5333											
Optical		Code=EPL	N24W90	AR5324											
GOES	01:53	Importance=M1	Qual=04												
BCS	02:07	CaPeak.c/s=80	Qual= 5	FePeak=02:11											
FCS															
UVSP	01:58	Wavelength=2788A	Code=01	Exp #=83343											
Event # = 10331															
89/01/30, 03:54	DOY=30														
Start	Peak														
Optical		SMM Pointing:	N19W47												
GOES	03:49	Ha...Class=1B	N17W42	AR5329											
HXRBS	03:48:50	Importance=M1	Qual=01												
BCS	03:49	Peak...c/s=222	Qual=01	Tot Cts=11523											
FCS		CaPeak.c/s=1067	Qual= 1	FePeak=03:53											
UVSP	03:31	Wavelength=2788A		Exp #=83345											
Event # = 22347															
89/01/30, 03:58	DOY=30														
Start	Peak														
GOES	03:58	CaPeak.c/s=40	Qual=00	FePeak=03:58											
BCS			Qual= 5												
FCS															
UVSP	03:31	Wavelength=2788A		Exp #=83345											
Event # = 10332															
89/01/30, 09:13	DOY=30														
Start	Peak														
GOES	09:13:20	SMM Pointing:	N19W50												
HXRBS	09:13:27	Importance=C2	Qual=00	Tot Cts=112											
UVSP	09:13	Peak...c/s=45	Qual=01	Exp #=83352											
		Wavelength=2788A													
Event # = 10333															
89/01/30, 13:26	DOY=30														
Start	Peak														
GOES	13:23	SMM Pointing:	N19W52												
HXRBS	13:22:19	Importance=C2	Qual=03	Tot Cts=316											
UVSP	13:52	Peak...c/s=44	Qual=01	Exp #=83358											
		Wavelength=2788A													
Event # = 10334															
89/01/30, 21:05	DOY=30														
Start	Peak														
Optical		SMM Pointing:	N19W57												
GOES	20:58	Ha...Class=1B	N14W53	AR5329											
HXRBS	20:58:51	Importance=M2	Qual=03												
BCS	21:13	Peak...c/s=595	Qual=02	Tot Cts=11556											
FCS		CaPeak.c/s=80	Qual= 5	FePeak=21:13											
UVSP	20:55	Wavelength=1375A	Code=00	Exp #=83382											

Event # = 10335		89/01/31		DOY=31	
89/01/31,03:09	Start	DOY=31	Peak		
Optical	End times	SMM Pointing:			
GOES 03:04	03:17	Ha...Class=IN	N19W60		Pitch=-370",Yaw=-798",Roll=0deg
HXRBS 03:05:48	03:08:34	Importance=M1	S24E12	AR5334	H.Ang=64deg
UVSP 02:54		Peak...c/s=329	Qual=01		Mac.=EAI
Radio	Frequency(MHz)/Flux(sfu):	WaveLength=2788A	Code=01	Tot Cts=11276	Carr.Lon.=59deg
		8800/67		Exp #=83409	H.Ang=21deg
					Step=0" Pitch=-236",Yaw=-613"
Event # = 10336					
89/01/31,08:21	Start	DOY=31	Peak		
Optical	End times	SMM Pointing:			
GOES 08:21:21	08:22:04	Ha...Class=SF	N19W63		Pitch=-366",Yaw=-819",Roll=0deg
HXRBS 08:36		Peak...c/s=55	N17W61	AR5329	H.Ang=67deg
UVSP		WaveLength=2788A	Qual=01		Mac.=FAI
				Tot Cts=239	Carr.Lon.=129deg
				Exp #=83416	H.Ang=64deg
					Step=0" Pitch=-231",Yaw=-636"
Event # = 10337					
89/01/31,17:40	Start	DOY=31	Peak		
Optical	End times	SMM Pointing:			
GOES 17:31	17:49	Ha...Class=IN	S06W00		Pitch=-0",Yaw=+0",Roll=0deg
HXRBS 17:31:59	17:33:33	Importance=M1	N15W65	AR5329	H.Ang=0deg
UVSP 17:56		Peak...c/s=324	Qual=03		Mac.=FAI
Radio	Frequency(MHz)/Flux(sfu):	WaveLength=2788A	Code=00	Tot Cts=4880	Carr.Lon.=128deg
		4995/100 8800/94		Exp #=83422	H.Ang=68deg
					Flags=M5,I,ES
					Step=0" Pitch=+4",Yaw=+5"
Event # = 22349					
89/01/31,19:01	Start	DOY=31	Peak		
Optical	End times	Importance=C4			
GOES 18:56	19:05	CaPeak.c/s=167	N16W66	AR5329	Carr.Lon.=128deg
BCS 18:57	19:06	WaveLength=1375A	Qual=03		Mac.=FAI
FCS			Qual=1		FePeak.c/s=34
UVSP 18:43			Code=00	FePeak=19:00	dt= 3.8s
				Exp #=83425	XEN=903100
					Cad=.26s
					Pitch=-429",Yaw=-775"
Event # = 22350					
89/01/31,21:49	Start	DOY=31	Peak		
Optical	End times	Importance=C2			
GOES 21:45	21:52	CaPeak.c/s=58	Qual=04		Mac.=EAI
BCS 21:46	21:53	WaveLength=1375A	Qual=4		Carr.Lon.=55deg
FCS			Code=00	FePeak=21:47	H.Ang=15deg
UVSP 21:48				Exp #=83433	XEN=903206
					dt= 7.7s
					Cad= 590s
					Pitch=+77",Yaw=-272"
Event # = 22351					
89/02/01,01:02	Start	DOY=32	Peak		
Optical	End times	Ha...Class=SF			
GOES 00:58	01:12	Importance=C1	S21E04	AR5334	Carr.Lon.=55deg
BCS 00:57	01:05	CaPeak.c/s=28	Qual=01		Mac.=EAI
FCS			Qual=4		FePeak.c/s=9
UVSP 00:56			Code=00	FePeak=00:59	dt= 7.7s
				Exp #=83443	XEN=903206
					Cad= 590s
					Pitch=+77",Yaw=-272"



Event # = 10338	DOY=32	S23E04	Pitch=-65", Yaw=-286", Roll=90deg	H. Ang=17deg
89/02/01 01:23	Peak	N17W72	Mac.=FAI	Carr. Lon.=131deg
Optical	End times	Qual=01		H. Ang=75deg
GOES 01:21	01:30	Qual=01	MaxkeV=102	
HXRBS 01:20:07	01:20:20	Code=00	Rast=243"x243"	Pitch=+77", Yaw=-272"
UVSP 00:56			Step=3"	
SMM Pointing:				
Ha...Class=SF				
Importance=C2				
Peak...c/s=72				
Wavelength=2788A				
Tot Cts=538				
Exp #=83443				
-----				
Event # = 10340	DOY=32	S23E04	Pitch=+65", Yaw=-286", Roll=90deg	H. Ang=17deg
89/02/01 02:05	Peak	S20E01	Mac.=EAI	Carr. Lon.=57deg
Optical	End times	Qual=02		H. Ang=14deg
GOES 01:48	02:36	Qual=03	MaxkeV=102	Flags=ES
HXRBS 01:38:02	01:45:36	Associated	Rast=180"x1"	Step=0"
UVSP 02:17		Event # = 22352	FePeak.c/s=7	Pitch=+418", Yaw=+244"
		Qual = 5	#Peaks=1	dt= 3.8s
			Rast=0"x0"	XEN=903200
				Cad=.26s
BCS 02:27	02:38			
FCS				
-----				
Event # = 10339	DOY=32	S23E01	Pitch=+284", Yaw=+17", Roll=0deg	H. Ang=17deg
89/02/01 07:44	Peak	S22W03	Mac.=EAI	Carr. Lon.=58deg
Optical	End times	Qual=01		H. Ang=16deg
GOES 07:39	08:02	Qual=01	MaxkeV=102	#Peaks=1
HXRBS 07:38:30	07:38:40	Qual=1	FePeak.c/s=66	dt= 3.8s
BCS 07:39	07:42		Rast=0"x0"	Cad=.26s
FCS				
UVSP 08:31				
SMM Pointing:				
Ha...Class=SF				
Importance=C6				
Peak...c/s=83				
CaPeak.c/s=281				
Wavelength=2788A				
Tot Cts=2376				
FePeak=07:42				
Exp #=83452				
-----				
Event # = 10341	DOY=32	S23E01	Pitch=+284", Yaw=+17", Roll=0deg	H. Ang=17deg
89/02/01 08:13	Peak	N17W74	Mac.=FAI	Carr. Lon.=129deg
Optical	End times	Qual=02		H. Ang=77deg
GOES 08:02	08:40	Qual=01	MaxkeV=102	
HXRBS 08:02:33	08:02:52		Rast=180"x1"	Step=0"
UVSP 08:31				Pitch=+163", Yaw=+191"
SMM Pointing:				
Ha...Class=IN				
Importance=C8				
Peak...c/s=47				
Wavelength=2788A				
Tot Cts=175				
Exp #=83452				
-----				
Event # = 22353	DOY=32	S22W04	Mac.=EAI	Carr. Lon.=58deg
89/02/01 09:30	Peak	Qual=00		H. Ang=16deg
Optical	End times	Qual=4		
GOES 09:28	09:33	Qual=4	FePeak.c/s=13	#Peaks=1
BCS 09:28			Rast=0"x0"	dt= 7.7s
FCS				Cad=1.02s
UVSP 09:31				Pitch=+163", Yaw=+182"
SMM Pointing:				
Ha...Class=SF				
CaPeak.c/s=21				
Wavelength=2788A				
Exp #=83453				

Event # = 10342			89/02/01, 10:38 DOY=32 Peak			S23W00			Pitch=+284", Yaw=+4", Roll=0deg			H. Ang=17deg					
Optical			Ha...Class=IN			S21W04			Mac.=EAI			Carr. Lon.=58deg			H. Ang=15deg		
Optical			Ha...Class=SF			N23W69			AR5334			Carr. Lon.=123deg			H. Ang=73deg		
GOES			Importance=M4			Qual=04			AR5329								
HXRBS			Peak...c/s=98			Qual=01			Tot Cts=30265			Flags=M5, ND			XEN=903203		
BCS			CaPeak.c/s=1734			Qual= 1			FePeak=10:37			#Peaks=2 dt= 7.7s			0.256s/pixel		
UVSP			Wavelength=2788A			Exp #=83455			Rast=180"x1"			Step=0"			Pitch=+163", Yaw=+169"		
Radio			Frequency(MHz)/Flux(sfu):			245/81 410/25 1415/80 2695/93 4995/83 8800/33 15400/33											
Event # = 10343			89/02/01, 11:10 DOY=32 Peak			S23W01			Pitch=+284", Yaw=-9", Roll=0deg			H. Ang=17deg					
Optical			Ha...Class=IN			S21W04			Mac.=EAI			Carr. Lon.=57deg			H. Ang=15deg		
Optical			Code=DSF			N50E30			AR5334			Carr. Lon.=23deg			H. Ang=62deg		
GOES			Importance=C1			Qual=02											
HXRBS			Peak...c/s=77			Qual=01			Tot Cts=1405			Step=0"			Pitch=+163", Yaw=+169"		
UVSP			Wavelength=2788A			Code=00			Exp #=83455								
Event # = 10344			89/02/01, 15:46 DOY=32 Peak			S06W00			Pitch=-5", Yaw=+2", Roll=0deg			H. Ang=0deg					
Optical			Ha...Class=SF			S22W06			Mac.=EAI			Carr. Lon.=57deg			H. Ang=17deg		
GOES			Importance=C3			Qual=05			AR5334								
HXRBS			Peak...c/s=51			Qual=01			Tot Cts=921			Step=0"			Pitch=+4", Yaw=+5"		
UVSP			Wavelength=2788A			Code=02			Exp #=83461								
Event # = 10345			89/02/01, 20:04 DOY=32 Peak			S23W06			Pitch=+282", Yaw=-88", Roll=0deg			H. Ang=18deg					
Optical			Ha...Class=SF			N24W74			AR5329			Carr. Lon.=122deg			H. Ang=78deg		
GOES			Importance=C4			Qual=03											
HXRBS			Peak...c/s=59			Qual=01			Tot Cts=1333			Step=10"			Pitch=+288", Yaw=-153"		
UVSP			Wavelength=1375A			Code=00			Exp #=83468								
Event # = 10346			89/02/01, 21:22 DOY=32 Peak			S23W06			Pitch=+280", Yaw=-100", Roll=0deg			H. Ang=18deg					
Optical			Ha...Class=SF			S22W08			Mac.=EAI			Carr. Lon.=56deg			H. Ang=18deg		
GOES			Importance=C3			Qual=01			AR5334								
HXRBS			Peak...c/s=54			Qual=01			Tot Cts=414			#Peaks=1 dt= 3.8s			XEN=903204		
BCS			CaPeak.c/s=49			Qual= 1			FePeak=21:21			Step=15"			Cad= 328s 1.024s/pixel		
UVSP			Wavelength=1375A			Code=00			Exp #=83473			Step=10"			Pitch=+293", Yaw=-141"		
Event # = 22354			89/02/01, 21:43 DOY=32 Peak			Qual=03			FePeak=21:43			dt= 7.7s			XEN=903205		
GOES			Importance=C3			Qual= 3						Step=10"			Cad= 590s 1.024s/pixel		
BCS			CaPeak.c/s=38						Exp #=83473			Step=10"			Pitch=+293", Yaw=-141"		
FCS			Wavelength=1375A			Code=00											
UVSP																	

89/02/02 DOY=33

Event # = 22355 DOY=33  
 89/02/02, 05:46 Peak  
 Start 05:42 05:46  
 GOES 05:46 05:48  
 BCS 05:46 05:48  
 FCS 05:46 05:48  
 UVSP 05:48 05:48

End times  
 06:10  
 05:53

Importance=C2  
 CaPeak.c/s=32  
 Wavelength=2788A Code=02 Exp #=83491

Qual=03  
 Qual=1 FePeak=05:46

FePeak.c/s=10 dt= 7.7s XEN=903300  
 Rast=0"x0" Cad=1.02s 1.024s/pixel  
 Rast=180"x1" Pitch=0" Step=0" Pitch=+164", Yaw=+12"

Event # = 9306 DOY=33  
 89/02/02, 08:24 Peak  
 Start 08:19 08:24  
 GOES 08:19 08:24  
 HXRBS 08:18:37 08:18:57  
 UVSP 08:24 08:24

End times  
 08:28  
 08:19:17

SMM Pointing: S01E83  
 Ha...Class=SF S22W13  
 Importance=C3 Qual=01  
 Peak...c/s=51 Qual=01  
 Wavelength=2788A Code=02 Exp #=83496

Pitch=+3", Yaw=+967", Roll=0deg H.Ang=83deg  
 Mac.=EAI Carr.Lon.=55deg H.Ang=20deg  
 MaxkeV=102 Flags=I  
 Rast=243"x243" Step=3" Pitch=+7", Yaw=+987"

Event # = 22356 DOY=33  
 89/02/02, 10:05 Peak  
 Start 09:58 10:05  
 GOES 09:58 10:05  
 BCS 10:00 10:04  
 FCS 10:00 10:11  
 UVSP 09:41 10:11

End times  
 10:10  
 10:11

Ha...Class=SF S22W15  
 Ha...Class=SF S20W73  
 Importance=C3 Qual=01  
 CaPeak.c/s=84 Qual=1

Wavelength=2788A Code=00 Exp #=83499

Mac.=EAI Carr.Lon.=56deg H.Ang=21deg  
 Carr.Lon.=114deg H.Ang=72deg  
 FePeak.c/s=16 dt= 3.8s XEN=903301  
 Rast=300"x240" Cad= 328s 1.024s/pixel  
 Rast=243"x243" Step=3" Pitch=+293", Yaw=-192"

Event # = 22357 DOY=33  
 89/02/02, 10:30 Peak  
 Start 10:22 10:30  
 GOES 10:22 10:30  
 BCS 10:26 10:31  
 FCS 10:26 10:33  
 UVSP 09:41 10:33

End times  
 11:01  
 10:33

Importance=C2  
 CaPeak.c/s=37  
 Wavelength=2788A

Qual=03  
 Qual=1 FePeak=10:30  
 Exp #=83499

FePeak.c/s=16 dt= 7.7s XEN=903302  
 Rast=240"x240" Cad= 590s 1.024s/pixel  
 Rast=243"x243" Step=3" Pitch=+293", Yaw=-192"

Event # = 10347 DOY=33  
 89/02/02, 11:27 Peak  
 Start 11:21 11:27  
 GOES 11:21 11:27  
 HXRBS 11:22:39 11:23:36  
 BCS 11:23 11:26  
 FCS 11:23 11:35  
 Radio Frequency(MHz)/Flux(sfu): 4995/98

End times  
 11:30  
 11:26:40  
 11:35

SMM Pointing: S23W14  
 Ha...Class=1N S22W16  
 Importance=C8 Qual=01  
 Peak...c/s=367 Qual=01  
 CaPeak.c/s=356 Qual=1

Pitch=+285", Yaw=-216", Roll=0deg H.Ang=22deg  
 Mac.=EAI Carr.Lon.=56deg H.Ang=22deg  
 MaxkeV=187  
 FePeak.c/s=81 dt= 3.8s XEN=903303  
 Rast=300"x240" Step=15" Cad= 328s 1.024s/pixel

89/02/03 DOY=34

Event # = 10348 DOY=34  
 89/02/03, 03:19 Peak  
 Start 02:59 03:19  
 GOES 02:59 03:19  
 HXRBS 02:57:35 02:58:26

End times  
 03:57  
 02:59:10

SMM Pointing:  
 Importance=C6  
 Peak...c/s=57

Qual=03  
 Qual=01 Tot Cts=858

Pitch=-1082", Yaw=+1", Roll=0deg  
 MaxkeV=102

Event # = 10349																		
89/02/03,11:09			DOY=34				SMM Pointing: S01W83			Pitch=-3",Yaw=-967",Roll=0deg								
Start			Peak							H.Ang=83deg								
GOES 11:01			11:09				Importance=C5											
HXRBS 11:02:59			11:03:34	End times			Qual=01											
UVSP 11:03				11:06:01			Peak...c/s=48											
				Wavelength=2788A			Code=00			Tot Cts=1384								
										Exp #=833504								
Event # = 22358																		
89/02/03,13:06			DOY=34							Step=3"			Pitch=+7",Yaw=-961"					
Start			Peak							MaxkeV=102								
GOES 12:56			13:06				Importance=C2			FePeak=13:01								
BCS 13:01			13:02	End times			Qual=02			Rast=0"x0"								
FCS				13:03			Qual= 2			Rast=180"x1"			dt= 7.7s XEN=903400					
UVSP 12:58							CaPeak.c/s=21			Step=0"			Cad=1.02s 1.024s/pixel					
				Wavelength=2788A			Code=01			Step=0"			Pitch=+171",Yaw=-235"					
Event # = 10545																		
89/02/03,14:36			DOY=34				SMM Pointing: S23W28			Pitch=+293",Yaw=-426",Roll=0deg			H.Ang=32deg					
Start			Peak							Mac.=HSX			Carr.Lon.=97deg			H.Ang=71deg		
Optical							Ha...Class=SF			MaxkeV=230			Flags=I,EN,IS					
GOES 13:54			14:36	End times			Qual=02			Rast=180"x1"			Step=0"					
HXRBS 13:55:27			14:28:47	15:37			Importance=M3			Exp #=83509								
UVSP 14:31				14:36:28			Peak...c/s=95			Tot Cts=16700								
				Wavelength=2788A			Code=00			Exp #=83509			Pitch=+172",Yaw=-247"					
Event # = 10350																		
89/02/03,23:20			DOY=34				SMM Pointing: S23W34			Pitch=-498",Yaw=-298",Roll=90deg			H.Ang=37deg					
Start			Peak							MaxkeV=102								
GOES 23:18			23:20	End times			Qual=01			Rast=30"x30"								
HXRBS 23:20:05			23:20:29	23:25			Importance=C3			Exp #=83528								
UVSP 23:05				23:20:44			Peak...c/s=49			Tot Cts=203								
				Wavelength=1375A			Code=00			Exp #=83528			Step=10"			Pitch=-515",Yaw=-291"		
Event # = 22359																		
89/02/04,02:22			DOY=35				89/02/04			DOY=35								
Start			Peak							AR5334								
Optical							Ha...Class=SF			Carr.Lon.=59deg			H.Ang=41deg					
GOES 02:12			02:22	End times			S21W40			FePeak.c/s=18			dt= 7.7s XEN=903500					
BCS 02:13			02:22	02:36			Qual=01			Rast=240"x240"			Cad= 590s 1.024s/pixel					
FCS				02:37			Qual= 1			Step=0"			Pitch=+178",Yaw=-329"					
UVSP 01:58							CaPeak.c/s=95			Exp #=83533								
				Wavelength=2788A			Code=01			Tot Cts=407								
Event # = 10351																		
89/02/04,02:31			DOY=35				SMM Pointing: S23W35			Pitch=+298",Yaw=-509",Roll=0deg			H.Ang=37deg					
Start			Peak							MaxkeV=102								
GOES 02:31:32			02:31:50	End times			Qual=00			Rast=180"x1"			Step=0"			Pitch=+178",Yaw=-336"		
HXRBS 02:32			02:32:10	02:32:10			Peak...c/s=58			Exp #=83534								
UVSP 02:58							Wavelength=2788A			Tot Cts=675						Step=0"		
										Exp #=83534			Pitch=+178",Yaw=-336"					
Event # = 10352																		
89/02/04,03:03			DOY=35				SMM Pointing: S23W35			Pitch=+299",Yaw=-519",Roll=0deg			H.Ang=38deg					
Start			Peak							MaxkeV=102								
GOES 02:54			03:03	End times			Qual=03			Rast=180"x1"			Step=0"			Pitch=+178",Yaw=-336"		
HXRBS 03:00:14			03:00:51	03:09			Importance=C4			Tot Cts=675								
UVSP 02:58				03:01:21			Peak...c/s=55			Exp #=83534			Step=0"			Pitch=+178",Yaw=-336"		
				Wavelength=2788A			Code=00											

Event # = 10353	DOY=35	SMM Pointing:	S23W36	Pitch=+299", Yaw=-526", Roll=0deg	H. Ang=38deg
89/02/04, 04:23	Peak	Importance=C4	Qual=01		
GOES 04:16	04:23	Peak...c/s=39	Qual=01		
HXRBS 04:16:27	04:17:38	Wavelength=2788A		Step=0"	Pitch=+179", Yaw=-347"
UVSP 04:33				Tot Cts=1627	
				Exp #=83536	
Event # = 10354	DOY=35	SMM Pointing:	S23W37	Pitch=+300", Yaw=-537", Roll=0deg	H. Ang=39deg
89/02/04, 05:38	Peak	Importance=C7	Qual=01		
GOES 05:27	05:38	Peak...c/s=71	Qual=01		
HXRBS 05:27:29	05:30:45	Wavelength=2788A		Step=0"	Pitch=+180", Yaw=-357"
UVSP 06:05				Tot Cts=3889	
				Exp #=83538	
Event # = 10355	DOY=35	SMM Pointing:	S23W38	Pitch=+302", Yaw=-558", Roll=0deg	H. Ang=41deg
89/02/04, 08:52	Peak	Importance=C3	Qual=01		
GOES 08:49	08:52	Peak...c/s=44	Qual=01		
HXRBS 08:49:30	08:49:37	Wavelength=2788A		Step=0"	Pitch=+182", Yaw=-378"
UVSP 09:13				Tot Cts=315	
				Exp #=83542	
Event # = 10356	DOY=35	SMM Pointing:	S23W39	Pitch=+303", Yaw=-568", Roll=0deg	H. Ang=41deg
89/02/04, 10:17	Peak	Code=LPS	N29E73		
Optical		Importance=X2	Qual=03		
GOES 09:50	10:17	Peak...c/s=1750	Qual=14	Carr. Lon.=301deg	H. Ang=78deg
HXRBS 09:55:23	09:55:51	Wavelength=2788A	Code=00		
UVSP 09:47		Type/Intensity: II/3 III/2 IV/2			
Radio Sweeps		245/81 410/75 606/42 1415/120 2695/210 4995/580 8800/470 15400/250			
Radio Frequency(MHz)/Flux(sfu):					
Event # = 10357	DOY=35	SMM Pointing:	S06W00	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg
89/02/04, 15:29	Peak	Peak...c/s=66	Qual=00		
GOES 15:28:53	15:29:15	Wavelength=2788A	Qual=01		
HXRBS 15:24	15:29:30			Step=0"	Pitch=+4", Yaw=+5"
UVSP 15:24				Tot Cts=590	
				Exp #=83550	
Event # = 10358	DOY=35	SMM Pointing:	S06W00	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg
89/02/04, 16:18	Peak	Peak...c/s=46	Qual=00		
GOES 16:18:42	16:18:51	Wavelength=2788A	Qual=01		
HXRBS 16:00	16:18:56			Step=0"	Pitch=+4", Yaw=+5"
UVSP 16:00				Tot Cts=103	
				Exp #=83551	
Event # = 22360	DOY=35	Importance=C3	Qual=01	dt= 7.7s	XEN=903501
89/02/04, 19:40	Peak	CaPeak.c/s=43	Qual=1	Step=0"	Cad=1.02s
GOES 19:31	19:40	Wavelength=2788A		Step=0"	Pitch=-350", Yaw=+773"
BGS 19:32	19:37			Step=0"	
FCS 20:05				FePeak.c/s=9	
UVSP 20:05				Rast=0"x0"	
				Rast=180"x1"	

Event # = 10359		D0Y=36		SMM Pointing:		N29E81		Pitch=-484", Yaw=+843", Roll=0deg		H. Ang=86deg	
89/02/04	20:58	Start	End times	Importance=C2		Qual=01		MaxkeV=102		Step=3"	
GOES	20:55	Peak	21:00	Peak...c/s=60		Code=00		Rast=243" x243"		Pitch=-477", Yaw=+856"	
HXRBS	20:56:37		20:57:02	Wavelength=2788A		Tot Cts=415					
UVSP	20:54			Type/Intensity: III/2		Exp #=83557					
Radio Sweeps											
Event # = 11638		D0Y=36		SMM Pointing:		N29E81		Pitch=-484", Yaw=+843", Roll=0deg		H. Ang=86deg	
89/02/05	01:56	Start	End times	Importance=C6		Qual=01		MaxkeV=102		Step=3"	
GOES	01:53	Peak	02:02	Peak...c/s=64		Code=00		Rast=240" x240"		Pitch=-477", Yaw=+856"	
HXRBS	01:53:21		01:53:38	CaPeak.c/s=264		Tot Cts=427					
BCS	01:31		02:14	Wavelength=1375A		FePeak=01:55					
FCS				Type/Intensity: III/1		Exp #=83570					
UVSP	01:35										
Radio Sweeps											
Event # = 22361		D0Y=36		Code=BSL		S19W90		Carr. Lon.=95deg		H. Ang=88deg	
89/02/05	03:23	Start	End times	CaPeak.c/s=21		Qual= 4		FePeak=03:23			
GOES	03:23	Peak	03:27	Wavelength=1375A		AR5336					
HXRBS	03:09										
BCS											
FCS											
UVSP											
Radio Sweeps											
Event # = 10362		D0Y=36		Ha...Class=SF		N30E78		Carr. Lon.=286deg		H. Ang=83deg	
89/02/05	05:03	Start	End times	Importance=M1		Qual=01		Mac.=EAO			
GOES	04:42	Peak	05:10	Peak...c/s=139		Qual= 1		MaxkeV=187		Step=3"	
HXRBS	04:57:24		04:58:29	CaPeak.c/s=534		Tot Cts=7228		FePeak.c/s=6		dt= 7.7s	
BCS	04:49		05:01	Wavelength=2788A		FePeak=05:00		Rast=0" x0"		XEN=903601	
FCS				Associated				Rast=70" x70"		Cad=1.02s	
UVSP	05:25			Event # = 10360				Pitch=-477", Yaw=+856"			
HXRBS	04:50:02		04:50:38	Qual=01							
UVSP	04:27			Exp #=83576							
HXRBS	04:51:57		04:52:08	Total Cts=100							
UVSP	04:27			Event # = 10361							
Radio Sweeps											
Event # = 22362		D0Y=36		CaPeak.c/s=23		Qual=00		Carr. Lon.=286deg		H. Ang=83deg	
89/02/05	05:19	Start	End times	Wavelength=2788A		Qual= 5		Mac.=EAO			
GOES	05:19	Peak	05:21	CaPeak.c/s=23		Qual= 5		MaxkeV=102		Step=3"	
HXRBS	05:19			Wavelength=2788A		FePeak=05:20		Rast=240" x240"		dt= 7.7s	
BCS								Rast=180" x1"		XEN=903603	
FCS								Pitch=-350", Yaw=+773"		Cad=590s	
UVSP	05:25							Pitch=-350", Yaw=+773"		Step=10"	
Radio Sweeps											

Event # = 22363			
89/02/05,06:20	DOY=36		
GOES	Start	End times	
BCS	06:10	06:50	Qual=01
FCS	06:12	06:40	Qual=1
UVSP	06:02		Code=01
		Importance=C3	FePeak=06:16
		CaPeak.c/s=56	Exp #=83577
		Wavelength=2788A	
Event # = 10363			
89/02/05,08:08	DOY=36		
Optical	Start	End times	
GOES	08:05	08:12	N29E81
HXRBS	08:05:21	08:07:03	Ha...Class=SF
BCS	08:06	08:18	Importance=C4
FCS	08:32		Qual=01
UVSP			Qual=1
		CaPeak.c/s=213	Wavelength=2788A
		Wavelength=2788A	Exp #=83580
Event # = 22364			
89/02/05,08:25	DOY=36		
GOES	Start	End times	
BCS	08:24	08:35	Qual=00
FCS	08:32		Qual=4
UVSP			Code=00
		CaPeak.c/s=19	FePeak=08:29
		Wavelength=2788A	Exp #=83580
Event # = 11665			
89/02/05,09:20	DOY=36		
GOES	Start	End times	
HXRBS	09:18	09:30	N29E81
UVSP	09:17:15	09:18:08	Importance=C2
		Peak...c/s=50	Qual=01
		Wavelength=2788A	Code=00
		Wavelength=2788A	Exp #=83581
Event # = 22365			
89/02/05,09:35	DOY=36		
GOES	Start	End times	
BCS	09:30	09:59	Qual=01
FCS	09:18	09:43	Qual=1
UVSP	09:09		Code=01
		Importance=C3	FePeak=09:33
		CaPeak.c/s=62	Exp #=83581
		Wavelength=2788A	
Event # = 22366			
89/02/05,11:11	DOY=36		
Optical	Start	End times	
GOES	10:45	12:10	N29E62
BCS	10:51	11:47	Ha...Class=1F
FCS			Importance=C7
UVSP	11:39		Qual=1
		CaPeak.c/s=178	FePeak=10:58
		Wavelength=2788A	Exp #=83584

Event # = 22367		DOY=36							
89/02/05,12:41	Start	12:41	Peak	13:21	End times	Qual=00	CaPeak.c/s=51	FePeak=13:07	dt= 7.7s XEN=903609
GOES						Qual=5	Wavelength=2788A	Exp #=83586	Cad= 328s 1.024s/pixel
BCS									Pitch=-350", Yaw=+773"
FCS									
UVSP									
Event # = 22368		DOY=36							
89/02/05,14:51	Start	14:51	Peak	14:54	End times	Qual=00	CaPeak.c/s=74	FePeak=14:50	dt= 3.8s XEN=903610
GOES						Qual=2	Wavelength=2788A	Exp #=83588	Cad= 328s 1.024s/pixel
BCS									Pitch=-350", Yaw=+773"
FCS									
UVSP									
Event # = 22369		DOY=36							
89/02/05,15:33	Start	15:33	Peak	15:36	End times	N28E72	Ha...Class=SF	AR5354	Carr. Lon.=286deg
Optical						Qual=04	CaPeak.c/s=20	FePeak=15:33	H. Ang=77deg
GOES						Qual=5	Wavelength=2788A	Exp #=83589	
BCS									
FCS									
UVSP									
Event # = 10364		DOY=36							
89/02/05,19:01	Start	19:01	Peak	19:10	End times	N28E67	SMM Pointing:	AR5354	Pitch=-496", Yaw=+791", Roll=0deg
Optical						N29E68	Ha...Class=1N	AR5354	H. Ang=73deg
GOES						Qual=03	Importance=C2		
HXRBS						Qual=01	Peak...c/s=48	Tot Cts=942	Carr. Lon.=288deg
BCS						Qual=3	CaPeak.c/s=306	FePeak=19:01	H. Ang=74deg
FCS							Wavelength=2788A	Exp #=83594	
UVSP									
Event # = 10365		DOY=36							
89/02/05,20:11	Start	20:11	Peak	20:12:05	End times	N28E67	SMM Pointing:	Tot Cts=101	Pitch=-496", Yaw=+791", Roll=0deg
GOES						Qual=00	Peak...c/s=41	Exp #=83595	H. Ang=73deg
HXRBS						Qual=01	Wavelength=2788A		
UVSP									
Event # = 22370		DOY=36							
89/02/05,20:14	Start	20:14	Peak	20:20	End times	Qual=00	CaPeak.c/s=18	FePeak=20:15	dt= 7.7s XEN=903613
GOES						Qual=5	Wavelength=2788A	Exp #=83595	Cad=1.02s 1.024s/pixel
BCS									Pitch=-499", Yaw=+796"
FCS									
UVSP									



Event # = 22371		DOY=36		End times					
89/02/05	21:47	Start	Peak	Qual=05	FePeak=21:47	dt= 7.7s	XEN=903614		
GOES	21:47	21:50	21:50	Qual= 5	Exp #=83596	#Peaks=1	Cad=1.02s	1.024s/pixel	
BCS	21:47			CaPeak.c/s=19		Step=0"	Pitch=-500"	Yaw=+791"	
FCS	21:48			Wavelength=1375A		Step=5"			
UVSP	21:48								
Event # = 10366		DOY=36		SMM Pointing:		N29E67		H.Ang=73deg	
89/02/05	22:20	Start	Peak	Qual=00		Pitch=-506"	Yaw=+783"	Roll=0deg	
GOES	22:20:32	22:20:40	22:21:03	Qual=01	Tot Cts=150	MaxkeV=102	Step=10"	Pitch=-523"	
HXRBS	21:50			Qual=01	Exp #=83598	Rast=30"x30"		Yaw=+784"	
UVSP	21:50			Peak...c/s=44					
				Wavelength=1375A					
Event # = 10367		DOY=36		SMM Pointing:		N29E65		H.Ang=72deg	
89/02/05	23:33	Start	Peak	Ha...Class=SF	AR5354	Mac.=EAO	Carr. Lon.=290deg	H.Ang=71deg	
Optical	23:28	23:33	23:39	Importance=C9					
GOES	23:29:39	23:31:12	23:32:18	Qual=01	Tot Cts=2871	MaxkeV=102	#Peaks=1	dt= 7.7s	
HXRBS	23:22	23:32	00:05	Qual= 1	FePeak=23:32	FePeak.c/s=137	Step=10"	XEN=903615	
BCS	23:22			CaPeak.c/s=568		Rast=240"x240"	Cad= 590s	1.024s/pixel	
FCS	23:24			Wavelength=1375A	Exp #=83603	Rast=30"x30"	Pitch=+787"	Yaw=+504"	
UVSP	23:24								
Event # = 10368		DOY=37		SMM Pointing:		N29E65		H.Ang=72deg	
89/02/06	00:04	Start	Peak	Ha...Class=SF	AR5354	Pitch=+773"	Yaw=+508"	Roll=90deg	
Optical	00:04:32	00:04:39	00:04:46	Qual=01	Tot Cts=161	Mac.=FKC	Carr. Lon.=291deg	H.Ang=69deg	
GOES	23:56			Qual=01	Exp #=83605	MaxkeV=102	Step=10"	Pitch=+785"	
HXRBS	23:56			Peak...c/s=81		Rast=30"x30"		Yaw=+504"	
UVSP	23:56			Wave length=1375A					
Event # = 22372		DOY=37		End times					
89/02/06	00:53	Start	Peak	Ha...Class=SF	AR5354	Mac.=FKC	Carr. Lon.=291deg	H.Ang=69deg	
Optical	00:53	00:53	01:02	N28E62		FePeak.c/s=8	#Peaks=1	dt= 7.7s	
GOES	00:53	00:53	01:02	Qual=05	FePeak=00:53	Rast=0"x0"	Step=0"	XEN=903700	
BCS	00:53			Qual= 5	Exp #=83606	Rast=265"x265"	Step=5"	1.024s/pixel	
FCS	00:54			CaPeak.c/s=38				Pitch=-502"	
UVSP	00:54			Wavelength=1375A				Yaw=+781"	
Event # = 10369		DOY=37		SMM Pointing:		N29E65		H.Ang=72deg	
89/02/06	01:21	Start	Peak	Ha...Class=1N	AR5354	Pitch=-509"	Yaw=+772"	Roll=0deg	
Optical	01:17	01:21	01:26	Code=BSL	AR5354	Mac.=FKC	Carr. Lon.=289deg	H.Ang=72deg	
GOES	01:16:38	01:16:55	01:17:08	Importance=C3		MaxkeV=102	#Peaks=2	dt= 3.8s	
HXRBS	01:04	01:20	01:45	Qual=01	Tot Cts=173	FePeak.c/s=23	Step=0"	XEN=903701	
BCS	01:04	01:20	01:14	Qual= 1	FePeak=01:20	Rast=0"x0"	Step=10"	1.024s/pixel	
FCS	01:14			Peak3...c/s=515	Exp #=83608	Rast=30"x30"	Pitch=10"	Yaw=+774"	
UVSP	01:14			Wavelength=1375A				Pitch=-510"	

Event # = 22373		DOY=37							
89/02/06, 02:17	Start	02:17	Peak	AR5354	Mac. =FKC	Carr. Lon.=288deg	H. Ang=71deg		
Optical									
GOES	02:11	02:46		N29E64	Ha...Class=SN	#Peaks=1	dt= 3.8s	XEN=903702	
BGS	02:26	03:23		Qual=05	Importance=M1	Step=10"	Cad= 590s	1.024s/pixel	
FCS				CaPeak.c/s=373	Wave length=1375A	Step=5"	Pitch=-504"	Yaw=+775"	
UVSP	02:29			Exp #=83611					
Event # = 10370		DOY=37							
89/02/06, 02:57	Start	02:57	Peak	AR5354	Mac. =FKC	Carr. Lon.=290deg	H. Ang=69deg		
Optical									
GOES	02:53	03:09		N29E63	SMM Pointing:	Pitch=-511"	Yaw=+762"	Roll=0deg	H. Ang=70deg
HXRBS	02:52:09	02:52:21	02:52:46	N28E62	Ha...Class=SF	MaxkeV=230	Rast=70"x70"	Step=5"	Pitch=-504"
UVSP	02:31			Qual=01	Peak...c/s=64	Step=0"			
				Code=00	Wave length=1375A				
Event # = 10371		DOY=37							
89/02/06, 05:36	Start	05:36	Peak	AR5354	Mac. =FKC	Carr. Lon.=288deg	H. Ang=70deg		
Optical									
GOES	05:32	05:39		N30E63	Ha...Class=SN	Flags=M5	#Peaks=1	dt= 3.8s	XEN=903703
HXRBS	05:33:41	05:34:08	05:36:23	Qual=04	Importance=C8	Step=0"	Cad=.26s	0.256s/pixel	
BGS	05:34	05:35	05:51	Qual=01	Peak...c/s=502	Step=0"			
FCS				Code=00	Wave length=2788A				
UVSP	05:24			Exp #=83615	Frequency(MHz)/Flux(sfu):				
Radio				8800/190 15400/64					
Event # = 10373		DOY=37							
89/02/06, 06:28	Start	06:28	Peak	AR5354	Mac. =FKC	Carr. Lon.=288deg	H. Ang=70deg		
Optical									
GOES	06:28:20	06:28:31	06:28:42	N29E62	SMM Pointing:	Pitch=-513"	Yaw=+756"	Roll=0deg	H. Ang=70deg
HXRBS	06:28:20	06:28:31	06:28:42	Qual=06	Peak...c/s=63	MaxkeV=102	Rast=180"x1"	Step=0"	Pitch=-380"
UVSP	06:22			Qual=01	Wave length=2788A	Step=0"			
Event # = 22374		DOY=37							
89/02/06, 07:09	Start	07:09	Peak	AR5354	Mac. =FKC	Carr. Lon.=288deg	H. Ang=70deg		
Optical									
GOES	07:08	07:19		N29E62	Ha...Class=SN	#Peaks=1	dt= 7.7s	XEN=903704	
BGS	07:08	07:19		Qual=05	Importance=C3	Step=0"	Cad=1.02s	1.024s/pixel	
FCS				Qual=4	CaPeak.c/s=19	Step=0"			
UVSP	06:58			Exp #=83617	Wave length=2788A				
Event # = 22375		DOY=37							
89/02/06, 08:44	Start	08:44	Peak	AR5354	Mac. =FKC	Carr. Lon.=290deg	H. Ang=69deg		
Optical									
GOES	08:38	08:48		N29E63	SMM Pointing:	Pitch=-511"	Yaw=+762"	Roll=0deg	H. Ang=70deg
BGS	08:40	08:51		Qual=03	Importance=C3	MaxkeV=230	Rast=70"x70"	Step=5"	Pitch=-504"
FCS				Qual=1	CaPeak.c/s=66	Step=0"			
UVSP	08:31			Code=00	Wave length=2788A				

Event # = 10372  
 89/02/06,09:31 Start DOY=37 Peak  
 Optical  
 GOES 09:12 09:31 10:11  
 HXRBS 09:14:20 09:19:56 09:31:30  
 BCS 09:10 09:30 09:37  
 FCS  
 UVSP 09:29  
 Radio Frequency(MHz)/Flux(sfu):  
 10:13 10:15 10:54  
 FCS  
 UVSP 10:05

SMM Pointing: N29E61  
 Ha...Class=SF N30E57 AR5354  
 Importance=M1 Qual=03  
 Peak...c/s=185  
 CaPeak.c/s=865 Qual=1  
 Wavelength=2788A Code=00 Exp #=83620  
 606/43 2695/32 4995/41 8800/100 15400/73  
 Associated Event # = 22376  
 Qual=4 FePeak=10:15  
 CaPeak.c/s=56  
 Wavelength=2788A Exp #=83621

Pitch=-515",Yaw=+745",Roll=0deg  
 Mac.=FKC Carr.Lon.=291deg  
 MaxkeV=102 dt= 7.7s XEN=903706  
 FePeak.c/s=166 Cad= 590s 1.024s/pixel  
 Rast=240"x240" Pitch=-382",Yaw=+666"  
 Rast=180"x1"  
 FePeak.c/s=12 #Peaks=1 dt= 3.8s XEN=903707  
 Rast=240"x240" Cad= 590s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=-383",Yaw=+664"

Event # = 11666  
 89/02/06,11:12 Start DOY=37 Peak  
 GOES 11:05 11:18  
 HXRBS 11:06:46 11:07:06 11:07:49  
 BCS 10:56 11:08 11:10  
 FCS  
 UVSP 11:03  
 BCS 11:48 11:54  
 FCS  
 UVSP 11:38

SMM Pointing: N29E60  
 Importance=C6 Qual=02  
 Peak...c/s=172 Qual=01  
 CaPeak.c/s=173 Qual=1  
 Peak3...c/s=2  
 Wavelength=2788A Code=00 Exp #=83622  
 Associated Event # = 22377  
 Qual=5 FePeak=11:48  
 CaPeak.c/s=21  
 Wavelength=2788A Exp #=83623

Pitch=-517",Yaw=+735",Roll=0deg  
 MaxkeV=144 dt= 7.7s XEN=903708  
 FePeak.c/s=42 #Peaks=2  
 Rast=240"x240" Cad= 590s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=-383",Yaw=+660"  
 FePeak.c/s=12 #Peaks=1 dt= 7.7s XEN=903709  
 Rast=180"x1" Step=0" Cad=1.02s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=-384",Yaw=+657"

Event # = 22378  
 89/02/06,12:35 Start DOY=37 Peak  
 GOES 12:35 12:35  
 BCS  
 FCS  
 UVSP 12:36

Qual=00 FePeak=12:35  
 Qual=4 Exp #=83624  
 Wavelength=2788A

FePeak.c/s=14 dt= 7.7s XEN=903710  
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=-385",Yaw=+653"

Event # = 22379  
 89/02/06,13:28 Start DOY=37 Peak  
 GOES 13:28 13:28  
 BCS  
 FCS  
 UVSP 13:12

Qual=00 FePeak=13:28  
 Qual=4 Exp #=83625  
 Wavelength=2788A

FePeak.c/s=10 dt= 7.7s XEN=903711  
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=-385",Yaw=+651"

Event # = 10374  
 89/02/06,13:41 Start DOY=37 Peak  
 GOES 13:34 13:41  
 HXRBS 13:34:01 13:34:18 13:34:38  
 BCS 13:32 13:32 13:34  
 FCS  
 UVSP 13:12  
 HXRBS 13:36:14 13:36:29 13:36:35

SMM Pointing: N29E58  
 Importance=C3 Qual=02  
 Peak...c/s=72 Qual=01  
 CaPeak.c/s=20 Qual=4  
 Wavelength=2788A Exp #=83625  
 Associated Event # = 10375  
 Qual=01 Tot Cts=175

Pitch=-519",Yaw=+725",Roll=0deg  
 MaxkeV=144 dt= 7.7s XEN=903712  
 FePeak.c/s=8 #Peaks=1  
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=-385",Yaw=+651"  
 MaxkeV=102

Event # = 22380		D0Y=37		End times			
89/02/06,14:12	Start	14:12	Peak	14:15			
GOES							
BCS							
FCS							
UVSP							
Event # = 22381		D0Y=37		End times			
89/02/06,14:38	Start	14:38	Peak	14:43			
GOES							
BCS							
FCS							
UVSP							
Event # = 10376		D0Y=37		End times			
89/02/06,16:58	Start	16:58	Peak	17:50			
Optical							
GOES							
HXRBS							
BCS							
FCS							
UVSP							
Radio Sweeps							
Event # = 10377		D0Y=37		End times			
89/02/06,18:02	Start	18:02	Peak	18:00:53			
Optical							
GOES							
HXRBS							
BCS							
FCS							
UVSP							
Event # = 22382		D0Y=37		End times			
89/02/06,18:23	Start	18:23	Peak	18:27			
GOES							
BCS							
FCS							
UVSP							
Event # = 22383		D0Y=37		End times			
89/02/06,19:21	Start	19:21	Peak	19:42			
Optical							
GOES							
BCS							
FCS							
UVSP							
Radio							
		Frequency (MHz)/Flux(sfu):					
		15400/68					

Event # = 10384		DOY=37		SMM Pointing:		N29E54		Pitch=-525", Yaw=+693", Roll=0deg		H.Ang=63deg	
89/02/06,21:15		Peak		End times		Qual=00		MaxkeV=102		H.Ang=63deg	
GOES		21:14:57		21:15:11		21:15:21		Rast=243"x243"		Pitch=3"	
HXRBS		21:22:33		21:22:56		21:25:46		dt= 3.8s		XEN=903719	
UVSP		21:09		21:25		21:47		Cad=3840s		3840s/pixel	
Radio Sweeps		Type/Intensity:		III/2		V/2		Rast=0"x0"		Pitch=-518", Yaw=+699"	
Event # = 10378		DOY=37		SMM Pointing:		N29E54		Pitch=-525", Yaw=+693", Roll=0deg		H.Ang=63deg	
89/02/06,21:26		Peak		End times		N29E54		Mac.=FKC		H.Ang=42deg	
Optical		Ha...Class=SF		Importance=M1		Qual=01		Carr. Lon.=314deg			
GOES		21:21		21:26		21:31		MaxkeV=102		XEN=903719	
HXRBS		21:22:33		21:22:56		21:25:46		#Peaks=1		dt= 3.8s	
BCS		21:09		21:25		21:47		Step=0"		3840s/pixel	
FCS		Wavelength=2788A		Code=00		Exp #=83635		Rast=243"x243"		Pitch=3"	
UVSP		21:13						Step=3"		Pitch=-518", Yaw=+699"	
Event # = 10379		DOY=37		SMM Pointing:		N29E53		Pitch=-526", Yaw=+683", Roll=0deg		H.Ang=62deg	
89/02/06,23:24		Peak		End times		N19E19		Mac.=BXO		H.Ang=32deg	
Optical		Ha...Class=SF		Peak...c/s=57		Qual=01		MaxkeV=102		XEN=903720	
GOES		23:17:59		23:18:28		23:18:39		FePeak.c/s=12		dt= 3.8s	
HXRBS		23:24		23:26		23:26		Rast=0"x0"		3840s/pixel	
BCS		Wavelength=1375A						Rast=30"x30"		Pitch=-548", Yaw=+672"	
FCS								#Peaks=2			
UVSP								Step=0"			
Event # = 10380		DOY=38		SMM Pointing:		N29E52		Pitch=-527", Yaw=+671", Roll=0deg		H.Ang=61deg	
89/02/07,00:30		Peak		End times		Qual=01		MaxkeV=187		XEN=903800	
GOES		00:27		00:30		00:36		FePeak.c/s=7		dt= 7.7s	
HXRBS		00:28:19		00:28:41		00:30:09		Rast=0"x0"		Cad=1.02s	
BCS		00:27		00:27		00:29		Step=0"		1.024s/pixel	
FCS		Wavelength=1375A		Code=00		Exp #=83643		Rast=30"x30"		Pitch=10"	
UVSP		Type/Intensity:		III/3		V/2		dt= 7.7s		XEN=903820	
Radio Sweeps		End times		Qual=00		Qual=4		FePeak.c/s=7		Cad=1.02s	
Event # = 22384		DOY=38		SMM Pointing:		N29E52		Pitch=-544", Yaw=+691"		H.Ang=61deg	
89/02/07,00:43		Peak		End times		Qual=00		Mac.=FKC		H.Ang=66deg	
GOES		00:43		00:46		00:46		MaxkeV=144		XEN=903821	
BCS		00:43		00:46		00:46		FePeak.c/s=19		dt= 3.8s	
FCS		Wavelength=1375A						Rast=300"x240"		Cad= 328s	
UVSP								Step=15"		1.024s/pixel	
Event # = 10381		DOY=38		SMM Pointing:		N29E52		Pitch=-527", Yaw=+671", Roll=0deg		H.Ang=61deg	
89/02/07,00:54		Peak		End times		N32E56		Carr. Lon.=284deg		H.Ang=66deg	
Optical		Ha...Class=SF		Importance=C4		Qual=01		MaxkeV=144		XEN=903821	
GOES		00:52		00:54		00:58		FePeak.c/s=19		dt= 3.8s	
HXRBS		00:53:00		00:53:12		00:53:40		Rast=300"x240"		Cad= 328s	
BCS		00:53		00:54		01:04		Step=10"		Pitch=-539", Yaw=+679"	
FCS		Wavelength=1375A		Code=00		Exp #=83645					
UVSP											

Event # = 10382	89/02/07, 02:16		DOY=38	SMM Pointing: N29E51		Pitch=-529", Yaw=+661", Roll=0deg		H. Ang=60deg			
GOES	Start	End times	Peak	Importance=M1		MaxkeV=187		Flags=M5			
HXRBS	02:09	02:25	02:16	Peak...c/s=948		FePeak.c/s=241		#Peaks=3			
BCS	02:10:00	02:14:21	02:16:07	CaPeak.c/s=806		Rast=240"x240"		Step=10"			
FCS	01:48	02:38	02:15			Rast=30"x30"		Step=10"			
UVSP	01:54			Wavelength=1375A		Code=00		dt= 7.7s			
Radio	Frequency (MHz)/Flux(sfu):		2695/23 8800/28 15400/90		Exp #=83648		Cad= 590s		XEN=903822		
Pitch=-539", Yaw=+659",											
Event # = 22385											
89/02/07, 02:43		DOY=38	SMM Pointing: N29E51		Pitch=-529", Yaw=+661", Roll=0deg		H. Ang=60deg				
GOES	Start	End times	Peak	Importance=M1		MaxkeV=187		Flags=M5			
BCS	02:38	02:45	02:43	Peak...c/s=36		FePeak.c/s=8		#Peaks=2			
FCS	02:25			CaPeak.c/s=36		Rast=240"x240"		Step=10"			
UVSP	02:25			Wavelength=1375A		Code=00		dt= 7.7s		XEN=903823	
Pitch=-535", Yaw=+661"											
Event # = 22386											
89/02/07, 03:48		DOY=38	SMM Pointing: N29E51		Pitch=-529", Yaw=+661", Roll=0deg		H. Ang=60deg				
GOES	Start	End times	Peak	Importance=M1		MaxkeV=187		Flags=M5			
BCS	03:48	03:51	03:48	Peak...c/s=22		FePeak.c/s=9		#Peaks=1			
FCS	03:28			CaPeak.c/s=22		Rast=70"x70"		Step=5"			
UVSP	03:28			Wavelength=1375A		Code=00		dt= 7.7s		XEN=903801	
Pitch=-523", Yaw=+668"											
Event # = 22387											
89/02/07, 03:57		DOY=38	SMM Pointing: N29E51		Pitch=-529", Yaw=+661", Roll=0deg		H. Ang=60deg				
GOES	Start	End times	Peak	Importance=M1		MaxkeV=187		Flags=M5			
BCS	03:56	03:58	03:57	Peak...c/s=21		FePeak.c/s=12		#Peaks=1			
FCS	03:28			CaPeak.c/s=21		Rast=70"x70"		Step=5"			
UVSP	03:28			Wavelength=1375A		Code=00		dt= 7.7s		XEN=903802	
Pitch=-523", Yaw=+668"											
Event # = 22388											
89/02/07, 04:18		DOY=38	SMM Pointing: N29E51		Pitch=-529", Yaw=+661", Roll=0deg		H. Ang=60deg				
GOES	Start	End times	Peak	Importance=C3		MaxkeV=187		Flags=M5			
BCS	04:15	04:35	04:18	Peak...c/s=30		FePeak.c/s=7		#Peaks=2			
FCS	04:08	04:18	04:17	CaPeak.c/s=30		Rast=180"x1"		Step=0"			
UVSP	04:46			Wavelength=2788A		Code=00		dt= 7.7s		XEN=903803	
Pitch=-396", Yaw=+578"											
Event # = 22389											
89/02/07, 05:08		DOY=38	SMM Pointing: N29E51		Pitch=-529", Yaw=+661", Roll=0deg		H. Ang=60deg				
GOES	Start	End times	Peak	Importance=C3		MaxkeV=187		Flags=M5			
BCS	05:08	05:12	05:08	Peak...c/s=18		FePeak.c/s=6		#Peaks=1			
FCS	04:46			CaPeak.c/s=18		Rast=180"x1"		Step=0"			
UVSP	04:46			Wavelength=2788A		Code=00		dt= 7.7s		XEN=903804	
Pitch=-396", Yaw=+578"											



Event # = 22395	DOY=38	Start	End times	Ha...Class=SF	N31E47	AR5354	Mac.=FKC	Carr. Lon.=286deg	H. Ang=58deg
89/02/07, 13:29	Peak	13:29	13:32	CaPeak.c/s=18	Qual=00	FePeak=13:30	FePeak.c/s=12	#Peaks=1	XEN=903811
Optical				Wavelength=2788A	Qual= 5	Exp #=83664	Rast=0"x0"	dt= 7.7s	Step=0"
GOES							Rast=180"x1"	Cad=1.02s	XEN=903811
BCS								Pitch=-402"	1.024s/pixel
FCS								Step=0"	Yaw=+531"
UVSP									
Event # = 10386	DOY=38	Start	End times	SMM Pointing:	N32E45		Pitch=-574"	Yaw=+588"	Roll=0deg
89/02/07, 15:09	Peak	15:09	15:15	Importance=C3	Qual=01		MaxkeV=102	dt= 3.8s	XEN=903812
GOES				Peak...c/s=64	Qual=01	Tot Cts=617	FePeak.c/s=23	Cad= 328s	Step=15"
HXRBS				CaPeak.c/s=90	Qual= 1	FePeak=15:09	Rast=300"x240"	Pitch=-438"	Yaw=+510"
BCS							Rast=180"x1"		
FCS									
UVSP									
Event # = 22396	DOY=38	Start	End times	CaPeak.c/s=32	Qual=00	FePeak=15:57	FePeak.c/s=11	dt= 7.7s	XEN=903813
89/02/07, 15:57	Peak	15:57	16:03	Peak3...c/s=-1	Qual= 1	Exp #=83667	Rast=0"x0"	Cad=3840s	Step=0"
Optical				Wavelength=2788A			Rast=180"x1"	Pitch=-438"	Yaw=+507"
GOES									
BCS									
FCS									
UVSP									
Event # = 22397	DOY=38	Start	End times	Ha...Class=1B	N31E45	AR5354	Mac.=FKC	Carr. Lon.=286deg	H. Ang=57deg
89/02/07, 16:40	Peak	16:40	16:47	Importance=M2	Qual=05	FePeak=16:45	FePeak.c/s=24	#Peaks=1	XEN=903814
Optical				Peak3...c/s=10	Qual= 1	Exp #=83668	Rast=0"x0"	dt= 3.8s	XEN=903814
GOES				Wavelength=2788A			Rast=180"x1"	Cad=.26s	Step=0"
BCS								Pitch=-439"	Yaw=+502"
FCS									
UVSP									
Event # = 10385	DOY=38	Start	End times	SMM Pointing:	N31E43		Pitch=-574"	Yaw=+566"	Roll=0deg
89/02/07, 17:35	Peak	17:35	17:46	Importance=C3	Qual=01		MaxkeV=102	dt= 3.8s	XEN=903815
GOES				Peak...c/s=55	Qual=01	Tot Cts=580	FePeak.c/s=15	Cad=3840s	Step=0"
HXRBS				CaPeak.c/s=90	Qual= 1	FePeak=17:35	Rast=0"x0"	Pitch=-439"	Yaw=+498"
BCS							Rast=180"x1"		
FCS									
UVSP									
Event # = 10388	DOY=38	Start	End times	SMM Pointing:	N31E43		Pitch=-574"	Yaw=+566"	Roll=0deg
89/02/07, 19:05	Peak	19:05	19:13	Importance=C9	Qual=03		Mac.=CAO	Carr. Lon.=269deg	H. Ang=56deg
Optical				Peak...c/s=72	Qual=01	Tot Cts=1081	MaxkeV=187	dt= 3.8s	XEN=903816
GOES				CaPeak.c/s=325	Qual= 1	FePeak=18:58	FePeak.c/s=57	Cad=1083s	Step=5"
HXRBS				Wavelength=2788A	Code=02	Exp #=83672	Rast=115"x115"	Pitch=-567"	Yaw=+571"
BCS				Peak...c/s=44	Qual=02	Event # = 10387	Rast=243"x243"	Step=3"	Flags=SN
FCS				Wavelength=2788A		Tot Cts=303	MaxkeV=102	Step=0"	Pitch=-440"
UVSP						Exp #=83671	Rast=180"x1"		Yaw=+490"



Event # = 22398		DOY=38		End times									
89/02/07	20:52	Peak											
GOES	20:42	20:52	CaPeak.c/s=27	Qual=00	FePeak=20:54	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=903817				
BGS				Qual=1		Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel				
FCS							Step=10"	Pitch=-571"	Yaw=+580"				
UVSP	20:36		Wavelength=1375A		Exp #=83675								
Event # = 22399		DOY=38		End times									
89/02/07	22:00	Peak											
GOES	21:53	22:00	Importance=C3	Qual=05	FePeak=22:05	FePeak.c/s=7	#Peaks=1	dt= 3.8s	XEN=903818				
BGS	22:04	22:05	CaPeak.c/s=46	Qual=5		Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel				
FCS							Step=5"	Pitch=-569"	Yaw=+554"				
UVSP	22:07		Wavelength=1375A	Code=02	Exp #=83678								
Event # = 22400		DOY=38		End times									
89/02/07	22:44	Peak											
GOES	22:32	22:44	CaPeak.c/s=49	Qual=00	FePeak=22:43	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=903819				
BGS				Qual=3		Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel				
FCS							Step=10"	Pitch=-557"	Yaw=+568"				
UVSP	22:40		Wavelength=1375A		Exp #=83682								
Event # = 22401		DOY=39		End times									
89/02/08	00:20	Peak											
GOES	00:20	00:20	CaPeak.c/s=20	Qual=00	FePeak=00:20	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=903900				
BGS				Qual=4		Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel				
FCS							Step=10"	Pitch=-517"	Yaw=+518"				
UVSP	00:15		Wavelength=1375A		Exp #=83687								
Event # = 10389		DOY=39		End times									
89/02/08	02:58	Peak											
GOES	02:55	02:58	Importance=C2	Qual=01	Tot Cts=1065	MaxKey=144	#Peaks=1	dt= 3.8s	XEN=903901				
HXRBS	02:56:08	02:56:16	Peak...c/s=108	Qual=01	FePeak=02:57	FePeak.c/s=12	Step=0"	Cad=.26s	0.256s/pixel				
BGS	02:57	02:57	CaPeak.c/s=51	Qual=1		Rast=0"x0"	Step=5"	Pitch=-571"	Yaw=+526"				
FCS			Peak3..c/s=-1										
UVSP	02:50		Wavelength=1375A	Code=00	Exp #=83694								
Event # = 22402		DOY=39		End times									
89/02/08	03:51	Peak											
GOES	03:22	03:51	Importance=C4	Qual=02	FePeak=03:36	FePeak.c/s=23	#Peaks=1	dt= 7.7s	XEN=903902				
BGS	03:23	03:38	CaPeak.c/s=123	Qual=1		Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel				
FCS							Step=5"	Pitch=-572"	Yaw=+517"				
UVSP	04:20		Wavelength=1375A		Exp #=83695								

89/02/08 DOY=39

Event # = 11669		SMM Pointing:		N31E37		Pitch=-580", Yaw=+503", Roll=0deg		H. Ang=52deg				
89/02/08,04:42	DOY=39	End times	Importance=C4		Qual=01		MaxkeV=102		Flags=1			
GOES	04:35	04:46	Peak...c/s=51		Qual=01		FePeak.c/s=19		#Peaks=1			
HXRBS	04:41:02	04:43:36	CaPeak.c/s=90		Qual=1		Rast=0"x0"		Step=0"			
BCS	04:38	05:13	Wavelength=1375A		Code=00		Rast=30"x30"		Step=10"			
FCS	04:24						Exp #=83697		dt= 7.7s			
UVSP	04:24						Exp #=83697		Cad=3840s			
Event # = 22404		SMM Pointing:		N36E45		Mac.=FKC		Carr. Lon.=279deg		H. Ang=60deg		
89/02/08,06:11	DOY=39	End times	Importance=C4		Qual=01		FePeak.c/s=22		#Peaks=1		dt= 3.8s	
GOES	06:06	06:18	CaPeak.c/s=88		Qual=1		Rast=0"x0"		Step=0"		XEN=903905	
BCS	06:05	06:40	Wavelength=1375A		Code=00		Exp #=83702		Step=10"		Cad=3840s	
FCS	05:56								Pitch=-631"		Yaw=+545"	
UVSP	05:56											
Event # = 11671		SMM Pointing:		N31E35		Pitch=-582", Yaw=+473", Roll=0deg		H. Ang=50deg				
89/02/08,09:48	DOY=39	End times	Importance=M1		Qual=01		MaxkeV=274		Flags=M5, I		dt= 3.8s	
GOES	09:44	09:52	Peak...c/s=568		Qual=01		FePeak.c/s=145		#Peaks=1		XEN=903906	
HXRBS	09:43:49	09:46:47	CaPeak.c/s=513		Qual=1		Rast=180"x1"		Step=0"		Cad=3840s	
BCS	09:34	09:54	Wavelength=2788A		Code=02		Exp #=83712		Step=0"		Pitch=-448"	
FCS	09:48		606/500 2695/110 4995/150		8800/200 15400/170		Event # = 11670		Step=0"		Yaw=+400"	
UVSP	09:48		Associated		Qual=01		Tot Cts=18200		Step=0"			
Radio	09:34:01	09:35:10	Peak...c/s=65		Associated		FePeak=09:47		Step=0"			
HXRBS	09:34:01	09:34:34	CaPeak.c/s=22		Qual=5		Exp #=83712		Step=0"			
BCS	09:54	09:55	Wavelength=2788A		Qual=5		8800/200 15400/170		Step=0"			
FCS	09:54	09:55	Event # = 22405				Event # = 22405		Step=0"			
UVSP	09:54	09:55	FePeak=09:54				FePeak=09:54		Step=0"			
Event # = 22403		SMM Pointing:		N31E37		Pitch=-580", Yaw=+503", Roll=0deg		H. Ang=52deg				
89/02/08,10:33	DOY=39	End times	Importance=C4		Qual=00		MaxkeV=102		Flags=I		dt= 7.7s	
GOES	10:33	10:39	Peak...c/s=51		Qual=5		FePeak.c/s=11		#Peaks=1		XEN=903908	
BCS	10:33	10:39	CaPeak.c/s=19		Qual=5		Rast=0"x0"		Step=0"		Cad=3840s	
FCS	10:22		Wavelength=2788A		Qual=5		Rast=180"x1"		Step=0"		Pitch=-448"	
UVSP	10:22						Exp #=83713		Step=0"		Yaw=+397"	
Event # = 22406		SMM Pointing:		N36E45		Mac.=FKC		Carr. Lon.=279deg		H. Ang=60deg		
89/02/08,10:33	DOY=39	End times	Importance=C4		Qual=00		FePeak.c/s=22		#Peaks=1		dt= 7.7s	
GOES	10:33	10:39	Peak...c/s=51		Qual=5		Rast=0"x0"		Step=0"		XEN=903908	
BCS	10:33	10:39	CaPeak.c/s=19		Qual=5		Rast=180"x1"		Step=0"		Cad=3840s	
FCS	10:22		Wavelength=2788A		Qual=5		Exp #=83713		Step=0"		Pitch=-448"	
UVSP	10:22						Exp #=83713		Step=0"		Yaw=+397"	

Event # = 10390  
 89/02/08, 11:14 DOY=39  
 Start Peak  
 Optical  
 GOES 11:00 11:14  
 HXRBS 11:05:50 11:09:38  
 BCS 11:06 11:13  
 FCS  
 UVSP 11:20

SMM Pointing: N31E34  
 Ha...Class=1N  
 Importance=M1  
 Peak...c/s=92  
 CaPeak.c/s=318  
 Wavelength=2788A  
 Code=02  
 Exp #=83714

End times  
 11:34  
 11:12:48  
 11:28

Pitch=-583", Yaw=+463", Roll=0deg  
 Carr. Lon.=265deg  
 H. Ang=50deg

Mac.=DAO  
 MaxVel=144  
 FePeak.c/s=69  
 Rast="0"x0"  
 Rast=180"x1"

#Peaks=1  
 Step=0"  
 Step=0"  
 dt= 3.8s  
 Cad=3840s  
 Pitch=-449", Yaw=+390"

Event # = 22407  
 89/02/08, 15:11 DOY=39  
 Start Peak  
 Optical  
 GOES 15:06 15:11  
 BCS 15:12 15:12  
 FCS  
 UVSP  
 Radio

SMM Pointing: N37E37  
 Ha...Class=1N  
 Importance=M1  
 CaPeak.c/s=492  
 Wavelength=2788A  
 Code=00  
 Exp #=83719

End times  
 15:17  
 16:06

Carr. Lon.=282deg  
 H. Ang=56deg

Mac.=FKC  
 FePeak.c/s=71  
 Rast="0"x0"  
 Rast=180"x1"

#Peaks=1  
 Step=0"  
 Step=0"  
 dt= 3.8s  
 Cad=3840s  
 Pitch=-451", Yaw=+367"

Event # = 22408  
 89/02/08, 16:06 DOY=39  
 Start Peak  
 GOES 16:06 16:06  
 BCS  
 FCS  
 UVSP

SMM Pointing: N30E20  
 Ha...Class=SF  
 Importance=C6  
 CaPeak.c/s=44  
 Wavelength=2788A  
 Code=00  
 Exp #=83720

End times  
 16:08

Carr. Lon.=298deg  
 H. Ang=41deg

Mac.=FKC  
 FePeak.c/s=7  
 Rast="0"x0"  
 Rast=180"x1"

#Peaks=1  
 Step=0"  
 Step=0"  
 dt= 7.7s  
 Cad=3840s  
 Pitch=-451", Yaw=+360"

Event # = 22409  
 89/02/08, 17:18 DOY=39  
 Start Peak  
 Optical  
 GOES 17:00 17:18  
 BCS 16:56 17:06  
 FCS  
 UVSP  
 Radio

SMM Pointing: N30E27  
 Ha...Class=X1  
 Importance=X1  
 Peak...c/s=661  
 CaPeak.c/s=3745  
 Wavelength=1375A  
 Code=00  
 Exp #=83722

End times  
 17:59  
 17:42

Carr. Lon.=298deg  
 H. Ang=47deg

Mac.=FKC  
 FePeak.c/s=8  
 Rast="0"x0"  
 Rast=180"x1"

#Peaks=1  
 Step=0"  
 Step=0"  
 dt= 7.7s  
 Cad=3840s  
 Pitch=-452", Yaw=+350"

Event # = 22410  
 89/02/08, 18:19 DOY=39  
 Start Peak  
 GOES 18:11 18:19  
 BCS 18:19 18:20  
 FCS  
 UVSP

SMM Pointing: N31E29  
 Ha...Class=2B  
 Importance=X1  
 Peak...c/s=661  
 CaPeak.c/s=3745  
 Wavelength=1375A  
 Code=00  
 Exp #=83722

End times  
 18:40  
 18:48

Carr. Lon.=289deg  
 H. Ang=45deg

Mac.=FKC  
 FePeak.c/s=19  
 Rast="0"x0"  
 Rast=180"x1"

#Peaks=1  
 Step=0"  
 Step=0"  
 dt= 3.8s  
 Cad=3840s  
 Pitch=-453", Yaw=+346"

Event # = 10391  
 89/02/08, 20:44 DOY=39  
 Start Peak  
 Optical  
 GOES 19:52 20:44  
 HXRBS 19:54:05 20:22:16  
 BCS 19:53 20:26  
 FCS  
 UVSP

SMM Pointing: N31E29  
 Ha...Class=2B  
 Importance=X1  
 Peak...c/s=661  
 CaPeak.c/s=3745  
 Wavelength=1375A  
 Code=00  
 Exp #=83722

End times  
 01:46  
 22:06:48  
 20:27

Carr. Lon.=289deg  
 H. Ang=45deg

Mac.=FKC  
 FePeak.c/s=187  
 Rast="0"x0"  
 Rast=265"x265"

#Peaks=1  
 Step=0"  
 Step=5"  
 dt= 7.7s  
 Cad=3840s  
 Pitch=-581", Yaw=+407"

BCS	21:26	21:38	22:06	CaPeak.c/s=2357	Associated	Event # = 22411	dt= 7.7s	XEN=903915	
FCS				Qual= 4	FePeak=21:36				
UVSP	21:33			Wavelength=1375A	Exp #=83729				
BCS	22:59	23:01	23:45	CaPeak.c/s=581	Associated	Event # = 22412	dt= 3.8s	XEN=903916	
FCS				Peak3..c/s=11	Qual= 5	FePeak=23:01			
UVSP	23:01			Wavelength=1375A	Exp #=83732				
BCS	00:33	00:34	01:29	CaPeak.c/s=96	Associated	Event # = 22413	dt= 3.8s	XEN=904015	
FCS				Qual= 5	FePeak=00:35				
UVSP	00:35			Wavelength=1375A	Exp #=83737				
Event # = 10392									
89/02/08,23:00	D0Y=39			SMM Pointing:	N31E28		Pitch=-589",Yaw=+392",Roll=0deg	H.Ang=47deg	
HRBS	23:00:06	23:00:12	23:00:26	Peak...c/s=51	Qual=01	Tot Cts=132	MaxkeV=102	Flags=NS	
UVSP	23:01			Wavelength=1375A		Exp #=83732	Rast=265"x265"	Step=5" Pitch=-582",Yaw=+397"	
Event # = 11677									
89/02/09,02:37	D0Y=40			SMM Pointing:	N31E26		Pitch=-590",Yaw=+362",Roll=0deg	H.Ang=45deg	
Optical				Ha...Class=SF		ARS355	Mac.=CA0	Carr. Lon.=266deg	
GOES	02:34	02:37	02:41	Importance=C6	Qual=01			H.Ang=54deg	
HRBS	02:34:43	02:35:17	02:35:51	Peak...c/s=161	Qual=01	Tot Cts=2300	MaxkeV=102	Flags=I	
BCS	02:07	02:36	03:02	CaPeak.c/s=59	Qual= 1	FePeak=02:36	FePeak.c/s=16	#Peaks=2	
FCS							Rast=0"x0"	dt= 3.8s	
UVSP	02:12			Wavelength=1375A	Code=00	Exp #=83744	Cad=3840s	XEN=904000	
Radio Sweeps				Type/intensity:	III/I		Pitch=-646",Yaw=+443"		
Event # = 22414									
89/02/09,03:46	D0Y=40								
GOES	03:40	03:46	04:12	CaPeak.c/s=29	Qual=00	FePeak=03:46	FePeak.c/s=8	#Peaks=1	
BCS				Peak3..c/s=-1	Qual= 1	Exp #=83749	Rast=0"x0"	dt= 7.7s	
FCS				Wavelength=1375A			Rast=30"x30"	XEN=904001	
UVSP	03:46							Cad=.26s	
Event # = 22415									
89/02/09,05:58	D0Y=40								
GOES	05:41	05:58	06:09	CaPeak.c/s=41	Qual=00	FePeak=05:48	FePeak.c/s=17	#Peaks=1	
BCS				Wavelength=1375A	Qual= 1	Exp #=83756	Rast=0"x0"	dt= 7.7s	
FCS							Rast=30"x30"	XEN=904002	
UVSP	05:50							Cad=3840s	
Event # = 22416									
89/02/09,06:48	D0Y=40								
GOES	06:47	06:48	07:03	CaPeak.c/s=26	Qual=00	FePeak=06:55	FePeak.c/s=6	#Peaks=1	
BCS				Wavelength=1375A	Qual= 4	Exp #=83757	Rast=0"x0"	dt= 7.7s	
FCS							Rast=265"x265"	XEN=904003	
UVSP	06:49							Cad=3840s	
Event # = 22417									
89/02/09,07:48	D0Y=40								
GOES	07:47	07:48	08:03	CaPeak.c/s=26	Qual=00	FePeak=07:55	FePeak.c/s=6	#Peaks=1	
BCS				Wavelength=1375A	Qual= 4	Exp #=83757	Rast=0"x0"	dt= 7.7s	
FCS							Rast=265"x265"	XEN=904003	
UVSP	07:49							Cad=3840s	

Event # = 22417		DOY=40		End times																	
89/02/09	10:36	Start	Peak	10:36	10:49	CaPeak.c/s=22	Qual=4	FePeak=10:33	Exp #=83768	Wavelength=1375A											
GOES	10:33			10:36	10:49		Qual=00														
BCS	10:33			10:36	10:49		Qual=4	FePeak=10:33													
FCS	10:33			10:36	10:49		Qual=4	FePeak=10:33													
UVSP	10:31			10:36	10:49		Qual=4	FePeak=10:33													
Event # = 10395		DOY=40		End times																	
89/02/09	10:44	Start	Peak	10:44:52	10:45:00	SMM Pointing:	N31E22	Tot Cts=133	Exp #=83769	Wave length=2788A											
GOES	10:44:44			10:44:52	10:45:00		Qual=00														
HXRBS	10:44:44			10:44:52	10:45:00		Qual=01														
UVSP	10:43			10:44:52	10:45:00		Qual=01														
Event # = 22418		DOY=40		End times																	
89/02/09	12:13	Start	Peak	12:13	12:24	Ha...Class=SF	N37E27	AR5354	Exp #=83771	Wave length=2788A											
Optical	12:09			12:13	12:24		Qual=00														
GOES	12:09			12:13	12:24		Qual=1	FePeak=12:12													
BCS	12:09			12:13	12:24		Qual=1	FePeak=12:12													
FCS	12:16			12:13	12:24		Qual=1	FePeak=12:12													
UVSP	12:16			12:13	12:24		Qual=1	FePeak=12:12													
Event # = 10399		DOY=40		End times																	
89/02/09	13:01	Start	Peak	13:01	13:50	SMM Pointing:	N32E20	AR5355	Exp #=83772	Wave length=2788A											
Optical	12:54			13:01	13:50		Qual=00														
GOES	12:54			13:01	13:50		Qual=03														
HXRBS	12:59:40			13:00:03	13:14:22		Qual=04	Tot Cts=1.90E+6													
GRS	13:00:00			13:00:00	13:04:00		Qual=5	FePeak=13:01													
BCS	13:01			13:02	13:50		Qual=5	FePeak=13:01													
FCS	12:53			13:02	13:50		Code=00	Exp #=83772													
UVSP	12:53			13:02	13:50		Code=00	Exp #=83772													
Radio	Type/Intensity: I1/I1																				
Radio	Frequency(MHz)/Flux(sfu): 245/1600 1415/460 2695/1100 4995/1000 8800/1200 15400/1700																				
BCS	13:50			13:50	13:57		Qual=5	FePeak=13:50													
FCS	13:50			13:50	13:57		Qual=5	FePeak=13:50													
UVSP	13:51			13:50	13:57		Qual=5	FePeak=13:50													
Event # = 22420		DOY=40		End times																	
89/02/09	14:34	Start	Peak	14:34	15:30	CaPeak.c/s=116	Qual=5	FePeak=14:34	Exp #=83774	Wave length=2788A											
GOES	14:34			14:34	15:30		Qual=00														
BCS	14:34			14:34	15:30		Qual=5	FePeak=14:34													
FCS	14:25			14:34	15:30		Qual=5	FePeak=14:34													
UVSP	14:25			14:34	15:30		Qual=5	FePeak=14:34													
Event # = 22421		DOY=40		End times																	
89/02/09	16:09	Start	Peak	16:09	16:14	CaPeak.c/s=19	Qual=00	FePeak=16:09	Exp #=83776	Wave length=2788A											
GOES	16:09			16:09	16:14		Qual=00														
BCS	16:09			16:09	16:14		Qual=5	FePeak=16:09													
FCS	16:09			16:09	16:14		Qual=5	FePeak=16:09													
UVSP	16:00			16:09	16:14		Qual=5	FePeak=16:09													

Event # = 22422		89/02/09, 17:02		DOY=40				
GOES	16:57	17:02	17:09	Peak	Qual=04	Importance=C4	FePeak=17:03	
BCS	16:24	17:02	17:04	Start	Qual= 5	CaPeak.c/s=31	Exp #=83777	
FCS						Peak3..c/s=-1		
UVSP	16:58					Wavelength=2788A		
Event # = 10400		89/02/09, 19:30		DOY=40				
Optical				Peak	N31E17	SMM Pointing:		
GOES	19:25	19:30	19:34	Start	N31E28	Ha...Class=IN	AR5354	
HXRBS	19:25:24	19:28:34	19:31:11	End times	Qual=01	Importance=M1		
BCS	19:26	19:30	19:36		Qual=01	Peak...c/s=314	Tot Cts=14436	
FCS					Qual= 1	CaPeak.c/s=554	FePeak=19:29	
UVSP	19:20					Wavelength=2788A	Exp #=83781	
Radio Sweeps						II/2		
Radio						245/450 4995/60 8800/80		
BCS	19:36	19:36	19:41	Associated	Event # = 22423	CaPeak.c/s=27	FePeak=19:36	
FCS				Qual= 5				
Event # = 22424		89/02/09, 19:48		DOY=40				
Optical				Peak				
GOES	19:48	19:48	19:48	Start	N21E39	Ha...Class=SF	AR5355	
BCS				End times	Qual=00	CaPeak.c/s=19	FePeak=19:48	
FCS					Qual= 5	Wavelength=2788A	Exp #=83781	
UVSP	19:20							
Event # = 10398		89/02/09, 20:52		DOY=40				
Optical				Peak	N31E16	SMM Pointing:		
GOES	20:49	20:52	20:55	Start	Qual=01	Importance=C4		
HXRBS	20:49:31	20:49:44	20:50:05	End times	Qual=01	Peak...c/s=299	Tot Cts=3014	
BCS	20:50	20:51	21:01		Qual= 1	CaPeak.c/s=85	FePeak=20:51	
FCS						Peak3..c/s=-1	Exp #=83782	
UVSP	20:50					Wavelength=1375A		
Radio						8800/78 15400/59		
Event # = 22425		89/02/10, 03:33		DOY=41				
Optical				Peak				
GOES	03:32	03:33	03:36	Start	Qual=00	CaPeak.c/s=21	FePeak=03:34	
BCS				End times	Qual= 4	Wavelength=1375A	Exp #=83804	
FCS								
UVSP	03:08							

Event # = 10401  
 89/02/10,04:36 DOY=41 Peak Pitch=-598", Yaw=+173", Roll=0deg H. Ang=40deg  
 Start SMM Pointing: N31E12 H. Ang=39deg  
 Optical Ha...Class=3B AR5355 Carr. Lon.=268deg H. Ang=41deg  
 Optical Ha...Class=SF AR5354 Carr. Lon.=276deg  
 GOES 04:22 04:36 05:48 Importance=X2 Qual=04  
 HXRBS 04:34:05 04:34:44 05:16:49 Peak...c/s=2797 Qual=02  
 UVSP 04:39 04:34:05 04:34:44 05:16:49 Wavelength=1375A Code=02  
 Radio Sweeps Type/Intensity: III/1  
 Radio Frequency(MHz)/Flux(sfu): 606/31 15400/210  
 Tot Cts=4.92E+5 MaxkeV=367  
 Exp #=83807 Rast=265"x265" Pitch=5" Flags=M5,SN  
 Step=5" dt= 3.8s XEN=904101  
 #Peaks=1 dt= 3.8s XEN=904101  
 Step=0" Cad=.26s 0.256s/pixel  
 Step=5" Pitch=-591", Yaw=+174"

Event # = 22426  
 89/02/10,06:13 DOY=41 Peak FePeak.c/s=13 dt= 3.8s XEN=904101  
 Start Qual= 1 Rast=0"x0" Cad=.26s 0.256s/pixel  
 GOES 06:09 06:13 06:56 CaPeak.c/s=104 Qual= 1 FePeak=06:13 Step=0" Pitch=-591", Yaw=+174"  
 BCS Peak3...c/s=1 Exp #=83809  
 FCS Wavelength=1375A  
 UVSP

Event # = 22427  
 89/02/10,10:53 DOY=41 Peak FePeak.c/s=9 dt= 7.7s XEN=904102  
 Start Qual= 4 Rast=180"x1" Cad=1.02s 1.024s/pixel  
 GOES 10:52 10:53 10:55 CaPeak.c/s=20 Qual= 4 FePeak=10:52 Step=0" Pitch=-465", Yaw=+57"  
 BCS Wavelength=2788A  
 FCS  
 UVSP Exp #=83827

Event # = 11678  
 89/02/10,12:42 DOY=41 Peak Pitch=-599", Yaw=+125", Roll=0deg H. Ang=39deg  
 Start SMM Pointing: N31E09 H. Ang=58deg  
 Optical Ha...Class=IN N16E54 Carr. Lon.=240deg  
 GOES 12:05 12:42 13:25 Importance=M2 Qual=02 MaxkeV=230 Flags=I,SN,ES  
 HXRBS 12:21:49 12:22:25 12:34:55 Peak...c/s=159 Qual=04 Rast=180"x1" Pitch=-465", Yaw=+44"  
 UVSP 12:15 12:21:49 12:22:25 12:34:55 Wavelength=2788A Code=01  
 Radio Sweeps Type/Intensity: II/1  
 Radio Frequency(MHz)/Flux(sfu): 606/160 1415/160 2695/220 8800/54  
 Tot Cts=29691  
 Exp #=83829

Event # = 22428  
 89/02/10,14:50 DOY=41 Peak FePeak.c/s=6 dt= 7.7s XEN=904103  
 Start Qual= 4 Rast=0"x0" Cad=1.02s 1.024s/pixel  
 GOES 14:50 14:50 14:52 CaPeak.c/s=18 Qual= 4 FePeak=14:50 Step=0" Pitch=-466", Yaw=+26"  
 BCS Wavelength=2788A  
 FCS  
 UVSP Exp #=83832

Event # = 10402  
 89/02/10,20:35 DOY=41 Peak Pitch=-571", Yaw=+180", Roll=0deg H. Ang=38deg  
 Start SMM Pointing: N29E12 H. Ang=50deg  
 Optical Ha...Class=SF N19E43 Carr. Lon.=247deg  
 GOES 20:30 20:35 20:39 Importance=C5 Qual=01 MaxkeV=102  
 HXRBS 20:31:10 20:31:56 20:32:57 Peak...c/s=45 Qual=01 Rast=243"x243" Step=3" Pitch=-564", Yaw=+193"  
 UVSP 20:18 20:31:10 20:31:56 20:32:57 Wavelength=2788A Code=00  
 Radio Frequency(MHz)/Flux(sfu): 245/65  
 Tot Cts=469  
 Exp #=83840

89/02/11 DOY=42

Event # = 22429 DOY=42  
 89/02/11,00:59 Peak  
 Start 00:54  
 End times 01:05  
 GOES 00:54 Importance=C3 Qual=01  
 BCS 00:57 CaPeak.c/s=26 Qual=4  
 FCS 00:58  
 UVSP 00:56 Wavelength=1375A Code=00 Exp #=83853  
 #Peaks=1 dt= 7.7s XEN=904200  
 Step=0" Cad=1.02s 1.024s/pixel  
 Step=10" Pitch=-598" ,Yaw=+80"

Event # = 22430 DOY=42  
 89/02/11,04:34 Peak  
 Start 04:29  
 End times 05:00  
 GOES 04:34 Importance=C3 Qual=01  
 BCS 04:33 CaPeak.c/s=19 Qual=4  
 FCS 04:38  
 UVSP 04:03 Wavelength=1375A Code=00 Exp #=83863  
 #Peaks=1 dt= 7.7s XEN=904201  
 Step=0" Cad=1.02s 1.024s/pixel  
 Step=10" Pitch=-588" ,Yaw=+46"

Event # = 10403 DOY=42  
 89/02/11,12:21 Peak  
 Start 11:33  
 End times 13:15  
 Optical  
 GOES 11:33 Ha...Class=2N N29E04  
 HXRBS 11:43:29 11:46:12 11:54:41 N2E15 AR5355  
 BCS 11:45 11:46 Peak...c/s=52 Qual=02  
 FCS 11:46 CaPeak.c/s=886 Qual=04  
 UVSP 12:35 Wavelength=2788A Qual=5  
 BCS 12:41 12:41 CaPeak.c/s=21 Associated Event # = 22431  
 FCS 12:41 12:42 SMM Pointing: N29E04  
 BCS 13:19 13:27 14:06 CaPeak.c/s=22 Associated Event # = 22432  
 FCS 13:11 13:11 Wavelength=2788A Qual=5  
 UVSP 13:11  
 #Peaks=1 dt= 3.8s XEN=904202  
 Step=10" Cad= 332s 1.024s/pixel  
 Step=0" Pitch=-439" ,Yaw=+238"  
 #Peaks=1 dt= 7.7s XEN=904203  
 Step=10" Cad= 332s 1.024s/pixel  
 Step=0" Pitch=-439" ,Yaw=+233"

Event # = 10403 DOY=42  
 89/02/11,15:00 Peak  
 Start 14:56  
 End times 15:03  
 Optical  
 GOES 14:56 Ha...Class=SF N29E02  
 HXRBS 14:57:22 14:58:47 14:59:21 N31W05 AR5354  
 BCS 14:58 15:00 Peak...c/s=54 Qual=01  
 FCS 15:04 CaPeak.c/s=104 Qual=1  
 UVSP 14:43 Wavelength=2788A Code=00 Exp #=83888  
 Radio Sweeps III/2  
 Radio Frequency (MHz)/Flux(sfu): 245/300  
 #Peaks=1 dt= 3.8s XEN=904205  
 Step=15" Cad= 459s 1.024s/pixel  
 Step=0" Pitch=-440" ,Yaw=+222"

Event # = 22433 DOY=42  
 89/02/11,16:25 Peak  
 Start 16:18  
 End times 16:35  
 Optical  
 GOES 16:18 Ha...Class=SN N18E37 AR5357  
 BCS 16:28 16:32 Importance=C7 Qual=05  
 FCS 16:43 CaPeak.c/s=21 Qual=4  
 UVSP 16:18 Wavelength=2788A Code=00 Exp #=83890  
 #Peaks=1 dt= 7.7s XEN=904206  
 Step=0" Cad=1.02s 1.024s/pixel  
 Step=0" Pitch=-440" ,Yaw=+209"



89/02/12 DOY=43

Event # = 22434  
 89/02/12, 02:08 DOY=43  
 Start Peak  
 Optical  
 GOES 02:04 02:08  
 BCS  
 FCS  
 UVSP 01:52

Ha...Class=SF  
 N29W11 AR5354  
 Qual=00  
 Qual=1 FePeak=02:07  
 Exp #=83913

Mac.=FKC  
 Carr. Lon.=284deg H. Ang=37deg  
 #Peaks=1 dt= 3.8s XEN=904300  
 Step=15" Cad= 459s 1.024s/pixel  
 Step=10" Pitch=-660", Yaw=-60"  
 Rast=30"x30"  
 FePeak.c/s=17  
 Rast=420"x240"  
 Rast=30"x30"

Event # = 22435  
 89/02/12, 03:59 DOY=43  
 Start Peak  
 Optical  
 GOES 03:55 03:59  
 BCS 03:57 03:58  
 FCS  
 UVSP 03:26  
 Radio Sweeps

Ha...Class=SF  
 N31W03 AR5354  
 Qual=01  
 Qual=1 FePeak=03:57  
 Exp #=83917

Mac.=FKC  
 Carr. Lon.=275deg H. Ang=38deg  
 #Peaks=2 dt= 3.8s XEN=904301  
 Step=15" Cad= 459s 1.024s/pixel  
 Step=5" Pitch=-567", Yaw=-50"  
 Rast=70"x70"  
 FePeak.c/s=13  
 Rast=420"x240"  
 Rast=70"x70"

Event # = 22436  
 89/02/12, 16:42 DOY=43  
 Start Peak  
 GOES 16:40 16:42  
 BCS  
 FCS  
 UVSP 16:38

Qual=00  
 Qual=4 FePeak=16:42  
 Exp #=83943

FePeak.c/s=6  
 Rast=0"x0"  
 Rast=180"x1"  
 dt= 7.7s XEN=904302  
 Cad=1.02s 1.024s/pixel  
 Pitch=-438", Yaw=+20"

Event # = 22437  
 89/02/12, 22:11 DOY=43  
 Start Peak  
 Optical  
 GOES 22:11 22:11  
 BCS  
 FCS  
 UVSP 22:08

Ha...Class=SF  
 N31W23 AR5354  
 Qual=00  
 Qual=4 FePeak=22:12  
 Exp #=83952

Mac.=FKC  
 Carr. Lon.=285deg H. Ang=44deg  
 #Peaks=1 dt= 7.7s XEN=904303  
 Step=0" Cad=1.02s 1.024s/pixel  
 Step=10" Pitch=-253", Yaw=+582"  
 Rast=30"x30"

Event # = 22438  
 89/02/12, 22:40 DOY=43  
 Start Peak  
 GOES 22:37 22:40  
 BCS 22:42 22:42  
 FCS  
 UVSP 22:39

Importance=C3  
 CaPeak.c/s=20  
 FePeak=22:55  
 Exp #=83954

FePeak.c/s=7  
 Rast=0"x0"  
 Rast=30"x30"  
 dt= 7.7s XEN=904304  
 Cad=1.02s 1.024s/pixel  
 Pitch=-252", Yaw=+587"

Event # = 10405		89/02/13 DOY=44	
Start	End times	SMM Pointing:	
89/02/13,03:29	DOY=44	N29W17	Pitch=-571",Yaw=-241",Roll=0deg
Optical	Peak		H.Ang=40deg
GOES 03:20	03:29	Ha...Class=SF	
HXRBS 03:22:20	03:23:53	Importance=C8	
BCS 03:21	03:26	Peak...c/s=267	
FCS	03:38	CaPeak.c/s=354	
UVSP 02:46		WaveLength=1375A	
Radio Sweeps	Type/Intensity:	Code=00	
Radio	Frequency (MHz)/Flux(sfu):	2695/72 4995/120 8800/71	
Event # = 10406			
89/02/13,07:41	DOY=44	N29W19	Pitch=-569",Yaw=-276",Roll=0deg
Optical	Peak		H.Ang=41deg
GOES 07:34:58	07:41:59	Qual=00	
HXRBS 07:27	07:45:46	Peak...c/s=48	
UVSP	07:27	WaveLength=1375A	
Event # = 10407			
89/02/13,07:52	DOY=44	N29W19	Pitch=-569",Yaw=-276",Roll=0deg
Optical	Peak		H.Ang=41deg
GOES 07:51:50	07:52:06	Qual=01	
HXRBS 07:27	07:52:16	Peak...c/s=54	
UVSP	07:27	WaveLength=1375A	
Event # = 10408			
89/02/13,12:11	DOY=44	N29W21	Pitch=-567",Yaw=-311",Roll=0deg
Optical	Peak		H.Ang=42deg
GOES 12:05	12:11	Ha...Class=SF	
HXRBS 12:06:49	12:07:47	Importance=C4	
UVSP 11:54	12:07:59	Peak...c/s=39	
Event # = 10409			
89/02/13,15:23	DOY=44	N29W19	Pitch=-570",Yaw=-278",Roll=0deg
Optical	Peak		H.Ang=41deg
GOES 15:23:20	15:23:26	Qual=00	
HXRBS 15:01	15:23:37	Peak...c/s=51	
UVSP	15:01	WaveLength=2788A	
Event # = 10410			
89/02/13,18:30	DOY=44	N29W21	Pitch=-569",Yaw=-301",Roll=0deg
Optical	Peak		H.Ang=41deg
GOES 18:16	18:30	Ha...Class=SF	
HXRBS 18:25:48	18:26:16	Importance=M1	
BCS 18:16	18:28	Peak...c/s=67	
FCS	19:12	CaPeak.c/s=611	
UVSP 18:08		WaveLength=2788A	
Radio Sweeps	Type/Intensity:	Code=01	
Radio	Frequency (MHz)/Flux(sfu):	2695/72 4995/120 8800/71	

Event # = 10411  
 89/02/13, 21:22:22 DOY=44 H. Ang=42deg  
 Start Peak Pitch=-567", Yaw=-324", Roll=0deg  
 Optical Mac.=FKI Carr. Lon.=214deg H. Ang=50deg  
 GOES AR5354  
 HXRBS MaxkeV=102  
 UVSP Rast=265"x265" Step=5" Pitch=-560", Yaw=-311"

Event # = 10412  
 89/02/13, 23:36 DOY=44 H. Ang=43deg  
 Start Peak Pitch=-570", Yaw=-334", Roll=0deg  
 Optical Mac.=FKI Carr. Lon.=251deg H. Ang=12deg  
 GOES AR5356  
 HXRBS MaxkeV=102  
 UVSP Rast=30"x30" Step=10" Pitch=-623", Yaw=-444"

Event # = 10413  
 89/02/13, 23:46 DOY=44 H. Ang=43deg  
 Start Peak Pitch=-570", Yaw=-334", Roll=0deg  
 Optical Qual=02  
 GOES Qual=01  
 HXRBS Peak...c/s=41 #Peaks=2 dt= 7.7s XEN=904403  
 BCS CaPeak.c/s=32 Step=0"x0" Cad=1.02s 1.024s/pixel  
 FCS Wavelength=1375A Exp #=84008 Step=10" Pitch=-623", Yaw=-444"  
 UVSP

Event # = 10414  
 89/02/14, 05:19 DOY=45 H. Ang=44deg  
 Start Peak Pitch=-564", Yaw=-379", Roll=0deg  
 Optical Mac.=FKI Carr. Lon.=285deg H. Ang=53deg  
 GOES AR5354  
 HXRBS MaxkeV=102 #Peaks=1 dt= 7.7s XEN=904500  
 BCS Peak...c/s=56 Step=10" Cad= 332s 1.024s/pixel  
 FCS CaPeak.c/s=476 Step=10" Pitch=-610", Yaw=-474"  
 UVSP Wavelength=1375A Code=00 Exp #=84026  
 Radio Type/Intensity: III/2  
 Radio Frequency(MHz)/Flux(sfu): 2695/72 8800/46

Event # = 10415  
 89/02/14, 06:03 DOY=45 H. Ang=44deg  
 Start Peak Pitch=-564", Yaw=-379", Roll=0deg  
 Optical Mac.=FKI Carr. Lon.=243deg H. Ang=10deg  
 Optical AR5356 Carr. Lon.=242deg H. Ang=11deg  
 GOES AR5356  
 HXRBS MaxkeV=274  
 UVSP Rast=30"x30" Step=10" Pitch=-640", Yaw=-458"  
 Radio Frequency(MHz)/Flux(sfu): 8800/190 15400/290

Event # = 10416	D0Y=45						Pitch=-564", Yaw=-390", Roll=0deg	H. Ang=45deg
89/02/14, 07:12	Peak	SMM Pointing:	N29W27					
Optical		Ha...Class=SN	N20W44	AR5354			Mac. =FKI	Carr. Lon.=288deg
GOES		Peak...c/s=60	Qual=00				MaxkeV=102	dt= 7.7s
HXRBS	07:02:32	07:09:53	07:12:05	Tot Cts=2122			FePeak.c/s=82	#Peaks=2
BCS	06:43	07:12	07:40	FePeak=07:11			Rast=240"x240"	Step=10"
FCS							Rast=30"x30"	Step=10"
UVSP	06:49			Exp # =84031				Pitch=-584", Yaw=-485"
Event # = 22439	D0Y=45							
89/02/14, 08:46	Peak	SMM Pointing:	N23W22					
Optical		Ha...Class=SN	N23W22	AR5355			Mac. =BX0	Carr. Lon.=265deg
GOES		Peak...c/s=24	Qual=00				FePeak.c/s=13	dt= 7.7s
HXRBS	08:18	08:46	09:14	FePeak=08:47			Rast=0"x0"	Step=0"
BCS	09:07						Rast=180"x1"	Step=0"
UVSP	09:07			Exp # =84036				Pitch=-429", Yaw=-222"
Event # = 22440	D0Y=45							
89/02/14, 09:51	Peak	SMM Pointing:	N30W40					
Optical		Ha...Class=SF	N30W40	AR5354			Mac. =FKI	Carr. Lon.=282deg
GOES		Peak...c/s=44	Qual=00				FePeak.c/s=9	dt= 7.7s
HXRBS	09:50	09:51	10:46	FePeak=10:24			Rast=0"x0"	Step=0"
BCS	09:41						Rast=180"x1"	Step=0"
UVSP	09:41			Exp # =84037				Pitch=-428", Yaw=-226"
Event # = 22441	D0Y=45							
89/02/14, 12:03	Peak	SMM Pointing:	N29W31					
Optical		Ha...Class=SN	N29W31				Mac. =FKI	Carr. Lon.=282deg
GOES		Peak...c/s=26	Qual=00				FePeak.c/s=7	dt= 7.7s
HXRBS	12:03	12:03	12:11	FePeak=12:03			Rast=0"x0"	Step=0"
BCS	12:14						Rast=180"x1"	Step=0"
UVSP	12:14			Exp # =84040				Pitch=-427", Yaw=-243"
Event # = 22442	D0Y=45							
89/02/14, 13:02	Peak	SMM Pointing:	N29W31					
Optical		Ha...Class=SN	N29W31				Pitch=-561", Yaw=-433", Roll=0deg	H. Ang=47deg
GOES		Peak...c/s=49	Qual=00				MaxkeV=102	
HXRBS	14:31:08	14:31:18	14:31:35	Tot Cts=177			Rast=180"x1"	Step=0"
BCS	14:23			Exp # =84043				Pitch=-427", Yaw=-257"
UVSP	14:23							

Event # = 10418  
 89/02/14, 15:18 DOY=45 SMM Pointing: N29W32 Pitch=-561", Yaw=-445", Roll=0deg H. Ang=47deg  
 Start Peak End times  
 GOES 15:15:57 15:18:45 15:22:08 Peak...c/s=63 Qual=00  
 HXRBS WaveLength=2788A FePeak=16:19 dt= 7.7s XEN=904506  
 UVSP 15:21 MaxkeV=102 Rast=180"x1" Step=0" Flags=SA  
 Rast=180"x1" Pitch=-426", Yaw=-263"

Event # = 22443  
 89/02/14, 16:20 DOY=45 SMM Pointing: N29W32 Pitch=-561", Yaw=-445", Roll=0deg H. Ang=47deg  
 Start Peak End times  
 GOES 16:19 16:20 16:23 CaPeak.c/s=23 Qual=00  
 BCS WaveLength=2788A FePeak=16:19 dt= 7.7s XEN=904506  
 FCS MaxkeV=102 Rast=180"x1" Step=0" Flags=SA  
 UVSP 15:21 Rast=180"x1" Pitch=-426", Yaw=-263"

Event # = 22444  
 89/02/14, 20:56 DOY=45 SMM Pointing: N29W32 Pitch=-561", Yaw=-445", Roll=0deg H. Ang=47deg  
 Start Peak End times  
 GOES 20:55 20:56 21:03 CaPeak.c/s=27 Qual=00  
 BCS WaveLength=2788A FePeak=20:56 dt= 7.7s XEN=904507  
 FCS MaxkeV=102 Rast=180"x1" Step=0" Flags=SA  
 UVSP 20:37 Rast=180"x1" Pitch=-423", Yaw=-298"

89/02/15 DOY=46  
 Event # = 10419  
 89/02/15, 00:46 DOY=46 SMM Pointing: N29W37 Pitch=-556", Yaw=-506", Roll=0deg H. Ang=51deg  
 Start Peak End times  
 GOES 00:45:57 00:46:12 00:46:40 Peak...c/s=49 Qual=00  
 HXRBS WaveLength=1375A FePeak=20:56 dt= 7.7s XEN=904507  
 UVSP 00:28 Rast=180"x1" Step=0" Flags=SA  
 Rast=30"x30" Step=10" Pitch=-576", Yaw=-527"

Event # = 10420  
 89/02/15, 03:34 DOY=46 SMM Pointing: N29W38 Pitch=-554", Yaw=-526", Roll=0deg H. Ang=52deg  
 Start Peak End times  
 Optical Carr. Lon.=296deg H. Ang=70deg  
 GOES 03:26 03:34 03:39 Ha...Class=1N N28W63  
 HXRBS 03:25:14 03:27:21 03:34:29 Importance=C7 Qual=01  
 BCS 03:28 03:31 03:41 Peak...c/s=281 Qual=01  
 FCS CaPeak.c/s=50 Qual=1  
 UVSP WaveLength=1375A Code=00  
 Radio Frequency(MHz)/Flux(sfu): 245/140 410/68

Event # = 10421  
 89/02/15, 04:39 DOY=46 SMM Pointing: N29W38 Pitch=-554", Yaw=-526", Roll=0deg H. Ang=52deg  
 Start Peak End times  
 GOES 04:38:56 04:39:09 04:39:24 Peak...c/s=44 Qual=00  
 HXRBS WaveLength=1375A FePeak=172 dt= 3.8s XEN=904600  
 UVSP 04:38 Rast=180"x10" Step=0" Pitch=-569", Yaw=-617"

Event # = 22445	DOY=46	Peak	End times																
89/02/15, 06:47																			
Optical																			
GOES	06:42	07:02		Ha...Class=SF	N29W51	AR5354		Mac.=FKI	Carr. Lon.=282deg	H. Ang=61deg									
BCS				CaPeak.c/s=50	Qual=00	FePeak=06:46		FePeak.c/s=14	#Peaks=1	dt= 3.8s	XEN=904601								
FCS				Wavelength=2788A	Qual=1	Exp #=84083		Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel								
UVSP	06:09							Rast=243"x21"	Step=3"	Pitch=-545"	Yaw=-530"								
Event # = 10422	DOY=46	Peak	End times																
89/02/15, 08:22																			
Optical																			
GOES	08:22:08	08:22:17	08:22:30	SMM Pointing:	N29W41			Pitch=-551"	Yaw=+551"	Roll=90deg	H. Ang=53deg								
HXRBS				Peak...c/s=50	Qual=00	Tot Cts=122		MaxkeV=102											
UVSP	07:50			Wavelength=2788A	Qual=01	Exp #=84085		Rast=243"x243"	Step=3"	Pitch=-545"	Yaw=+564"								
Event # = 10423	DOY=46	Peak	End times																
89/02/15, 08:31																			
Optical																			
GOES	08:30:52	08:31:14	08:31:44	SMM Pointing:	N29W41			Pitch=-551"	Yaw=+551"	Roll=90deg	H. Ang=53deg								
HXRBS				Peak...c/s=46	Qual=00	Tot Cts=436		MaxkeV=102											
UVSP	07:50			Wavelength=2788A	Qual=01	Exp #=84085		Rast=243"x243"	Step=3"	Pitch=-545"	Yaw=+564"								
Event # = 10424	DOY=46	Peak	End times																
89/02/15, 19:11																			
Optical																			
GOES	18:48	19:11	19:22	SMM Pointing:	N29W56			Pitch=-531"	Yaw=-704"	Roll=0deg	H. Ang=65deg								
HXRBS	18:47:51	18:48:06	18:50:24	Ha...Class=SF	S16W17	AR5356		Mac.=FKC	Carr. Lon.=242deg	H. Ang=19deg									
UVSP	19:22			Importance=C3	Qual=02	Tot Cts=7386		MaxkeV=320	Flags=M5, FS										
Radio				Peak...c/s=623	Qual=01	Exp #=84099		Rast=180"x1"	Step=0"	Pitch=-396"	Yaw=-522"								
				Wavelength=2788A															
				Frequency(MHz)/Flux(sfu):	245/810 8800/43 15400/16														
Event # = 22446	DOY=46	Peak	End times																
89/02/15, 20:16																			
Optical																			
GOES	20:13:35	20:14:00	20:14:28	SMM Pointing:	N29W56			Pitch=-531"	Yaw=-704"	Roll=0deg	H. Ang=65deg								
HXRBS				Ha...Class=SF	N27W59	AR5354		Mac.=FKI	Carr. Lon.=283deg	H. Ang=66deg									
BCS	20:15	20:16	20:20	Peak...c/s=45	Qual=01	Tot Cts=316		MaxkeV=102											
FCS				CaPeak.c/s=29	Qual=1	FePeak=20:16		FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=904602								
UVSP	19:22			Wavelength=2788A		Exp #=84099		Rast=115"x115"	Step=5"	Cad=1083s	2.048s/pixel								
								Rast=180"x1"	Step=0"	Pitch=-396"	Yaw=-522"								
Event # = 22446	DOY=46	Peak	End times																
89/02/15, 20:37																			
Optical																			
GOES	20:32	20:37	20:41	Ha...Class=SF	N27W59	AR5354		Mac.=FKI	Carr. Lon.=283deg	H. Ang=66deg									
BCS				Importance=C3	Qual=03	Tot Cts=20:34		FePeak.c/s=19	#Peaks=1	dt= 3.8s	XEN=904603								
FCS	20:33	20:35	20:59	CaPeak.c/s=80	Qual=1	FePeak=20:34		Rast=420"x240"	Step=15"	Cad= 459s	1.024s/pixel								

89/02/16 DOY=47

Event # = 10426  
 89/02/16, 03:09 Start DOY=47 Peak  
 SMM Pointing: N27W55  
 Ha...Class=SF S11E57 AR5368  
 Qual=00  
 Qual=01  
 Peak...c/s=45  
 Wavelength=1375A  
 III/2 V/2  
 Type/Intensity:  
 Radio Sweeps

Event # = 10427  
 89/02/16, 03:48 Start DOY=47 Peak  
 SMM Pointing: N27W55  
 Ha...Class=2N N22E26  
 Importance=M2 Qual=05  
 Peak...c/s=40 Qual=02  
 Wavelength=1375A Code=02  
 410/22 606/49 2695/66 4995/71 8800/100 15400/57  
 Frequency (MHz)/Flux(sfu):  
 Radio Sweeps

Event # = 10428  
 89/02/16, 04:21 Start DOY=47 Peak  
 SMM Pointing: N27W56  
 Qual=00  
 Qual=01  
 Peak...c/s=60  
 Wavelength=1375A  
 Type/Intensity:  
 Radio Sweeps

Event # = 10429  
 89/02/16, 04:30 Start DOY=47 Peak  
 SMM Pointing: N27W56  
 Ha...Class=SF N26W69  
 Importance=M4 Qual=01  
 Peak...c/s=166 Qual=01  
 CaPeak.c/s=1271 Qual=1  
 Wavelength=1375A Code=00  
 Associated Event # = 22447  
 CaPeak.c/s=60 Qual=5  
 Wavelength=1375A  
 Type/Intensity:  
 Radio Sweeps

Event # = 10430  
 89/02/16, 04:43 Start DOY=47 Peak  
 SMM Pointing: N27W56  
 Qual=00  
 Qual=01  
 Peak...c/s=46  
 Wavelength=1375A  
 Type/Intensity:  
 Radio Sweeps

Event # = 10431  
 89/02/16, 05:40 Start DOY=47 Peak  
 SMM Pointing: N27W56  
 Qual=00  
 Qual=01  
 Peak...c/s=81  
 Wavelength=1375A  
 Type/Intensity:  
 Radio Sweeps

Pitch=-497", Yaw=-712", Roll=0deg  
 H. Ang=63deg  
 Mac.=BX0 Carr. Lon.=163deg  
 H. Ang=56deg  
 MaxkeV=102  
 Rast=70"x70" Step=5" Pitch=-489", Yaw=-704"

Pitch=-497", Yaw=-712", Roll=0deg  
 H. Ang=63deg  
 Mac.=EAO Carr. Lon.=194deg  
 H. Ang=39deg  
 MaxkeV=102  
 Rast=265"x265" Step=5" Pitch=-488", Yaw=-710"

Pitch=-495", Yaw=-723", Roll=0deg  
 H. Ang=64deg  
 MaxkeV=102  
 Rast=30"x30" Step=10" Pitch=-526", Yaw=-767"

Pitch=-495", Yaw=-723", Roll=0deg  
 H. Ang=64deg  
 Mac.=FK1 Carr. Lon.=288deg  
 H. Ang=75deg  
 MaxkeV=102 #Peaks=1 dt= 3.8s XEN=904700  
 FePeak.c/s=382 Step=0" Cad=1.02s 1.024s/pixel  
 Rast=0"x0" Step=10" Pitch=-526", Yaw=-767"  
 Rast=30"x30" Step=10" dt= 7.7s XEN=904701  
 FePeak.c/s=10 #Peaks=1 Step=10" Cad= 590s 1.024s/pixel  
 Rast=240"x240" Step=10" Pitch=-495", Yaw=-790"  
 Rast=30"x30" Step=10" Pitch=-495", Yaw=-790"

Pitch=-495", Yaw=-723", Roll=0deg  
 H. Ang=64deg  
 MaxkeV=102  
 Rast=30"x30" Step=10" Pitch=-495", Yaw=-790"

Pitch=-495", Yaw=-723", Roll=0deg  
 H. Ang=64deg  
 MaxkeV=102  
 Rast=30"x30" Step=10" Pitch=-489", Yaw=-800"

Event # = 22448		89/02/16,05:42		DOY=47		Peak		End times	
G0ES	05:41	05:42	05:46	Qual=00	FePeak=05:42				
BCS	CaPeak.c/s=36		WaveLength=1375A						
FCS	WaveLength=1375A								
UVSP	05:32	Exp #=84125							
FePeak.c/s=13		#Peaks=1		dt= 7.7s		XEN=904702			
Rast=0"x0"		Step=0"		Cad=1.02s		1.024s/pixel			
Rast=30"x30"		Step=10"		Pitch=-489"		Yaw=-800"			
Event # = 10432		89/02/16,16:34		DOY=47		Peak		End times	
Optical	16:29	16:34	16:48	N27W62	AR5368				
G0ES	16:30:40	16:31:52	16:34:48	S13E49					
HXRBS	Ha...Class=1B		Importance=N3						
UVSP	16:13	Peak...c/s=1128		Qual=01					
Radio Sweeps		WaveLength=2788A		Code=01					
Type/Intensity:		V/1							
SMM Pointing:		N27W62		Mac.=DAO		Carr. Lon.=164deg		H. Ang=69deg	
Ha...Class=1B		Importance=N3		Qual=01		Flags=M5		Step=0"	
Peak...c/s=94		WaveLength=1375A		Code=00		Pitch=-194"		Yaw=-20deg	
Importance=C5		Peak...c/s=94		Code=00		Mac.=DAO		Carr. Lon.=164deg	
WaveLength=1375A		Code=00		Code=00		MaxkeV=230		Rast=180"x1"	
Pitch=-188"		Yaw=-897"		Roll=-20deg		H. Ang=70deg			
Mac.=BX0		Carr. Lon.=163deg		H. Ang=47deg					
MaxkeV=102		Rast=30"x30"		Step=10"		Pitch=-202"		Yaw=-940"	
Event # = 10433		89/02/16,21:15		DOY=47		Peak		End times	
Optical	21:06	21:15	21:19	N27W64	AR5368				
G0ES	21:08:55	21:09:03	21:09:29	S12E47					
HXRBS	Ha...Class=SF		Importance=C5						
UVSP	21:08	Peak...c/s=94		Qual=01					
Radio Sweeps		WaveLength=1375A		Code=00					
SMM Pointing:		N27W64		Mac.=BX0		Carr. Lon.=163deg		H. Ang=72deg	
Ha...Class=SF		Importance=C5		Qual=01		Flags=M5		Step=0"	
Peak...c/s=94		WaveLength=1375A		Code=00		Pitch=-181"		Yaw=-908"	
Importance=C6		Peak...c/s=90		Code=00		MaxkeV=102		Rast=30"x30"	
WaveLength=1375A		Code=00		Code=00		Step=10"		Pitch=-202"	
Pitch=-181"		Yaw=-908"		Roll=-20deg		H. Ang=72deg			
Mac.=EAO		Carr. Lon.=197deg		H. Ang=29deg					
MaxkeV=102		Rast=30"x30"		Step=10"		Pitch=-201"		Yaw=-937"	
Event # = 10435		89/02/16,21:57		DOY=47		Peak		End times	
Optical	21:51	21:57	22:07	N27W66	AR5362				
G0ES	21:52:17	21:53:31	21:54:30	N19E13					
HXRBS	Ha...Class=SF		Importance=C6						
UVSP	21:40	Peak...c/s=90		Qual=01					
Radio Frequency(MHz)/Flux(sfu):		1415/100		Code=00					
SMM Pointing:		N27W66		Mac.=EAO		Carr. Lon.=197deg		H. Ang=29deg	
Ha...Class=SF		Importance=C6		Qual=01		Flags=M5		Step=0"	
Peak...c/s=90		WaveLength=1375A		Code=00		Pitch=-181"		Yaw=-908"	
Importance=C2		Peak...c/s=25		Code=00		MaxkeV=102		Rast=30"x30"	
WaveLength=1375A		Code=00		Code=00		Step=10"		Pitch=-201"	
Pitch=-181"		Yaw=-908"		Roll=-20deg		H. Ang=72deg			
Mac.=EAO		Carr. Lon.=197deg		H. Ang=29deg					
MaxkeV=102		Rast=30"x30"		Step=10"		Pitch=-202"		Yaw=-940"	
Event # = 22449		89/02/17,05:22		DOY=48		Peak		End times	
G0ES	05:17	05:22	05:38	N27W66	AR5362				
BCS	05:20	05:23	05:30	N19E13					
FCS	CaPeak.c/s=25		WaveLength=1375A						
UVSP	05:16	Exp #=84181							
FePeak.c/s=12		#Peaks=1		dt= 7.7s		XEN=904800			
Rast=0"x0"		Step=0"		Cad=1.02s		1.024s/pixel			
Rast=110"x200"		Step=5"		Pitch=-187"		Yaw=-942"			



Event # = 10436				SMM Pointing: N27W70			Pitch=-167", Yaw=-926", Roll=-20deg			H. Ang=75deg		
89/02/17, 07:23	DOY=48	End times		Importance=C4	Qual=02							
Start	Peak	07:33	07:33	Peak...c/s=37	Qual=01							
GOES 07:16	07:23	07:15:50		CaPeak.c/s=72	Qual=1					dt= 3.8s XEN=904801		
HXRBS 07:14:53	07:15:35	07:15:50				Tot Cts=250		Step=15"		Cad= 459s		
BCS 07:15	07:17	07:19				FePeak=07:17		Step=5"		Pitch=-203", Yaw=-946"		
FCS						Exp #=84189				Rast=110"x200"		
UVSP 07:18										Rast=110"x200"		
Wavelength=1375A Code=01												
Pitch=-422", Yaw=-128", Roll=-20deg H. Ang=27deg												
Event # = 11683				SMM Pointing: N20E02			Pitch=-116", Yaw=-963", Roll=-20deg			H. Ang=86deg		
89/02/17, 17:27	DOY=48	End times		Importance=M2	Qual=03							
Start	Peak	17:27:14	17:27:45	Peak...c/s=129	Qual=01							
GOES 17:27:06	17:27:14	17:27:45		CaPeak.c/s=1229	Qual=1					dt= 7.7s XEN=904802		
HXRBS 18:05				Wavelength=2788A		Tot Cts=11377		Step=10"		Cad= 332s		
GOES 22:12	22:22	22:23:18				FePeak=22:21		Step=5"		Pitch=-109", Yaw=-949"		
HXRBS 22:13:01	22:19:27	22:52				Exp #=84213				dt= 7.7s XEN=904803		
BCS 22:13	22:21	22:53				Event # = 22450				Cad= 590s		
FCS						FePeak=22:53				Pitch=-187", Yaw=-977"		
UVSP 22:20						Qual=5				Rast=110"x200"		
Wavelength=1375A Code=00												
Pitch=-115", Yaw=-955", Roll=-20deg H. Ang=82deg												
SMM Pointing: N25W77												
Event # = 22451				SMM Pointing: N25W77			Pitch=-115", Yaw=-955", Roll=-20deg			H. Ang=82deg		
89/02/17, 23:31	DOY=48	End times		Importance=M1	Qual=01							
Start	Peak	23:30	00:09	Peak...c/s=136	Qual=01							
GOES 23:30	23:31	00:09		CaPeak.c/s=681	Qual=1					dt= 3.8s XEN=904900		
BCS 23:30	23:31			CaPeak.c/s=681		Tot Cts=7826		Step=15"		Cad= 459s		
FCS				Wavelength=1375A		FePeak=07:48		Step=5"		Pitch=-109", Yaw=-949"		
UVSP 23:35						Exp #=84217				Rast=265"x265"		
Frequency(MHz)/Flux(sfu): 2695/62 4995/50 8800/53 15400/31												
Event # = 10439				SMM Pointing: N25W77			Pitch=-115", Yaw=-955", Roll=-20deg			H. Ang=82deg		
89/02/18, 07:51	DOY=49	End times		Importance=M1	Qual=01							
Start	Peak	07:44	08:00	Peak...c/s=136	Qual=01							
GOES 07:44	07:51	08:00		CaPeak.c/s=681	Qual=1					dt= 3.8s XEN=904900		
HXRBS 07:45:30	07:47:09	07:51:06				Tot Cts=7826		Step=15"		Cad= 459s		
BCS 07:43	07:49	08:14				FePeak=07:48		Step=5"		Pitch=-109", Yaw=-949"		
FCS						Exp #=84249				Rast=265"x265"		
UVSP 07:50						Code=00				Pitch=-109", Yaw=-949"		
Wavelength=1375A Code=00 Exp #=84249												
Frequency(MHz)/Flux(sfu): 2695/62 4995/50 8800/53 15400/31												
Event # = 22452				SMM Pointing: N25W77			Pitch=-115", Yaw=-955", Roll=-20deg			H. Ang=82deg		
89/02/18, 09:21	DOY=49	End times		Importance=M1	Qual=01							
Start	Peak	09:21	09:38	Peak...c/s=136	Qual=01							
GOES 09:21	09:21	09:38		CaPeak.c/s=681	Qual=1					dt= 7.7s XEN=904901		
BCS 09:21	09:21	09:38				Tot Cts=7826		Step=15"		Cad= 590s		
FCS						FePeak=09:22		Step=3"		Pitch=-109", Yaw=-949"		
UVSP 09:13						Exp #=84253				Rast=243"x243"		

89/02/19		DOY=50	
Event # = 10440	89/02/19, 01:12	DOY=50	Peak
Optical	S13E18	SMM Pointing:	Pitch=-2", Yaw=+312", Roll=-20deg
GOES	00:12	Ha...Class=1F	H. Ang=19deg
HXRBS	00:59:25	Importance=C6	Mac.=HAX
UVSP	01:14	Peak...c/s=76	Carr. Lon.=243deg
Radio	01:14	Wave length=2788A	MaxkeV=102
Radio	Frequency(MHz)/Flux(sfu):	III/2	Rast=180"x1"
		1415/120	Step=0" Pitch=-118", Yaw=+235"
Event # = 22453	89/02/19, 12:35	DOY=50	Peak
Optical	S12E09	SMM Pointing:	Carr. Lon.=167deg
GOES	12:20	Ha...Class=SF	H. Ang=10deg
BCS	12:53	Importance=C4	Mac.=EAI
FCS	12:54	CaPeak.c/s=27	FePeak.c/s=7
UVSP	12:45	Wave length=2788A	Rast=0"x0" dt= 7.7s
			Step=0" Cad=1.02s XEN=905000
			Rast=180"x1" Pitch=-86", Yaw=+139"
Event # = 10441	89/02/19, 14:17	DOY=50	Peak
Optical	S13E11	SMM Pointing:	Pitch=+36", Yaw=+207", Roll=-20deg
GOES	13:47	Ha...Class=SF	H. Ang=12deg
HXRBS	13:46:13	Importance=M1	Mac.=DAO
BCS	15:08	Peak...c/s=59	Carr. Lon.=242deg
FCS	15:09	CaPeak.c/s=41	H. Ang=73deg
UVSP	14:18	Wave length=2788A	Flags=M5
Radio	Frequency(MHz)/Flux(sfu):	410/75	dt= 7.7s XEN=905001
			Step=0" Cad=1.02s 1.024s/pixel
			Rast=180"x1" Pitch=-83", Yaw=+126"
Event # = 10442	89/02/19, 21:22	DOY=50	Peak
Optical	S13E07	SMM Pointing:	Pitch=+57", Yaw=+141", Roll=-20deg
GOES	20:52	Ha...Class=SF	H. Ang=9deg
HXRBS	21:07:56	Importance=C6	Mac.=EAI
BCS	20:54	Peak...c/s=49	Carr. Lon.=165deg
FCS	21:11	CaPeak.c/s=68	H. Ang=8deg
UVSP	21:29	Wave length=2788A	MaxkeV=102
Radio	Frequency(MHz)/Flux(sfu):	606/150	FePeak.c/s=11
			Rast=240"x240" dt= 7.7s XEN=905002
			Step=10" Cad= 590s 1.024s/pixel
			Rast=180"x1" Pitch=-62", Yaw=+64"
Event # = 10443	89/02/20, 00:02	DOY=51	Peak
Optical	S13E05	SMM Pointing:	Pitch=+66", Yaw=+115", Roll=-20deg
GOES	00:01:53	Peak...c/s=168	H. Ang=8deg
HXRBS	23:38	Wave length=2788A	MackeV=187
UVSP	00:02:00	8800/51 15400/76	Rast=180"x1"
Radio	Frequency(MHz)/Flux(sfu):		Step=0" Pitch=-55", Yaw=+46"

Event # = 22455	DOY=51																		
89/02/20, 03:10	Peak																		
Optical	End times	Ha...Class=SN	S12W04	AR5368	Mac.=EAI	Carr. Lon.=172deg	H. Ang=6deg												
GOES		CaPeak.c/s=22	Qual=00	FePeak=03:09	FePeak.c/s=15	#Peaks=1	dt= 7.7s	XEN=905100											
BGS	03:09	03:10	03:13	03:13	Exp #=84329	Rast=0"x0"	Cad=1.02s	1.024s/pixel											
FCS		WaveLength=2788A					Pitch=-46"	Yaw=+19"											
UVSP	02:44																		
Event # = 22456	DOY=51																		
89/02/20, 03:43	Peak																		
Optical	End times	Importance=C2	Qual=03	FePeak=03:42	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=905101											
GOES	03:07	03:43	03:44	03:44	Exp #=84330	Rast=0"x0"	Cad=1.02s	1.024s/pixel											
BGS	03:42	03:42	03:44	03:44			Pitch=-43"	Yaw=+11"											
FCS		WaveLength=2788A	Code=00																
UVSP	03:42																		
Event # = 10444	DOY=51																		
89/02/20, 14:03	Peak		S13W03				Pitch=+109"	Yaw=-5"	Roll=-20deg	H. Ang=6deg									
Optical	End times	SMM Pointing:	S13W03																
GOES	13:51	14:03	14:03	14:03	AR5368	Mac.=EAI													
HXRBS	13:51:54	13:56:48	13:57:00	13:57:00			MaxVel=187	Flags=M5, ES	dt= 3.8s	XEN=905102									
BGS	13:51	14:25	14:25	14:43	Tot Cts=28350		FePeak.c/s=177	#Peaks=1	Cad= 459s	1.024s/pixel									
FCS		CaPeak.c/s=683	Qual= 1		FePeak=14:25		Rast=420"x240"	Step=15"	Pitch=-12"	Yaw=-74"									
UVSP	13:38	WaveLength=2788A	Code=01	Exp #=84366			Rast=180"x1"	Step=0"											
Radio	Frequency(MHz)/Flux(sfu):	410/170	606/200	1415/610	2695/310	4995/260	8800/180	15400/95											
Event # = 22458	DOY=51																		
89/02/20, 15:21	Peak																		
Optical	End times	CaPeak.c/s=63	Qual=00	FePeak=15:23	FePeak.c/s=8	#Peaks=1	dt= 3.8s	XEN=905103											
GOES	15:20	15:21	16:03	16:03	Exp #=84368	Rast=420"x240"	Cad= 459s	1.024s/pixel											
BGS		WaveLength=2788A																	
FCS	15:11																		
UVSP	15:11																		
Event # = 22459	DOY=51																		
89/02/20, 17:14	Peak																		
Optical	End times	Ha...Class=SF	S10W08	AR5368	Mac.=EAI	Carr. Lon.=168deg	H. Ang=8deg												
GOES	17:09	17:14	17:19	17:19	FePeak=17:11	FePeak.c/s=10	dt= 7.7s	XEN=905104											
BGS	17:11	17:14	17:37	17:37	Exp #=84370	Rast=0"x0"	Cad=1.02s	1.024s/pixel											
FCS		WaveLength=2788A					Pitch=-121"	Yaw=-100"											
UVSP	16:45																		
Event # = 22460	DOY=51																		
89/02/20, 20:55	Peak																		
Optical	End times	CaPeak.c/s=19	Qual=00	FePeak=20:53	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=905105											
GOES	20:53	20:55	20:56	20:56	Exp #=84375	Rast=0"x0"	Cad=1.02s	1.024s/pixel											
BGS		WaveLength=2788A					Pitch=-2"	Yaw=-174"											
FCS																			
UVSP	20:50																		

89/02/21 DOY=52

Event # = 22461

89/02/21, 00:52 DOY=52  
Peak

Start End times

GOES 00:51 00:52 00:57  
BCS 00:51 00:52 00:57  
FCS 00:51 00:52 00:57  
UVSP 00:51 00:52 00:57

Qual=01  
Qual= 4  
FePeak=00:51  
Exp #=84380

CaPeak.c/s=26  
Wavelength=2788A  
FePeak.c/s=13  
Rast=0"x0"  
Rast=180"x1"  
dt= 7.7s  
Cad=1.02s  
Pitch=+10", Yaw=-206"

Event # = 10446

89/02/21, 05:36 DOY=52  
Peak

Start End times

GOES 05:35:50 05:36:22 05:37:01  
HXRBs 05:35:50 05:36:22 05:37:01  
UVSP 05:26 05:36:22 05:37:01

S11W13  
Qual=05  
Qual=02  
Tot Cts=844  
Exp #=84394

SMM Pointing:  
Peak...c/s=53  
Wavelength=1375A  
Pitch=+147", Yaw=-176", Roll=-20deg  
H.Ang=14deg  
MaxkeV=144  
Rast=30"x30"  
Flags=SA  
Step=10" Pitch=+132", Yaw=-211"

Event # = 10445

89/02/21, 05:49 DOY=52  
Peak

Start End times

GOES 05:48:50 05:49:10 05:49:20  
HXRBs 05:48:50 05:49:10 05:49:20  
UVSP 05:26 05:49:10 05:49:20

S11W13  
Qual=01  
Qual=01  
Tot Cts=126  
Exp #=84394

SMM Pointing:  
Peak...c/s=43  
Wavelength=1375A  
Pitch=+147", Yaw=-176", Roll=-20deg  
H.Ang=14deg  
MaxkeV=102  
Rast=30"x30"  
Step=10" Pitch=+132", Yaw=-211"

Event # = 10447

89/02/21, 09:12 DOY=52  
Peak

Start End times

GOES 09:00 09:12 09:59  
HXRBs 09:20:27 09:20:36 09:21:47  
UVSP 09:05 09:20:36 09:21:47

S11W15  
Qual=03  
Qual=01  
Tot Cts=577  
Exp #=84414

SMM Pointing:  
Importance=C4  
Peak...c/s=50  
Wavelength=1375A  
Pitch=+157", Yaw=-202", Roll=-20deg  
H.Ang=15deg  
MaxkeV=102  
Rast=10"x10"  
Step=0" Pitch=+144", Yaw=-231"

Event # = 10448

89/02/21, 12:23 DOY=52  
Peak

Start End times

Optical 12:05 12:23 13:36  
GOES 12:05 12:23 13:36  
HXRBs 12:06:29 12:18:44 12:31:20  
BCS 12:08 12:21 12:31  
FCS 12:08 12:21 12:31  
UVSP 12:23 12:23 12:31  
Radio Frequency (MHz)/Flux(sfu): 4995/74 8800/94 15400/61

S11W17  
S12W14  
Qual=03  
Qual=04  
Qual= 1  
Tot Cts=64706  
FePeak=12:20  
Exp #=84421

SMM Pointing:  
Ha...Class=SB  
Importance=M3  
Peak...c/s=200  
CaPeak.c/s=2172  
Wavelength=2788A  
Code=02  
4995/74 8800/94 15400/61  
Pitch=+168", Yaw=-228", Roll=-20deg  
H.Ang=17deg  
Mac.=FAI  
Carr. Lon.=163deg  
H.Ang=15deg

Flags=M5, EN, SA  
dt= 7.7s  
Cad=1.02s  
Pitch=+50", Yaw=-49"

Event # = 10449

89/02/21, 14:00 DOY=52  
Peak

Start End times

GOES 13:50 14:00 14:10  
HXRBs 13:50:29 13:50:53 13:51:13  
UVSP 13:58 13:50:53 13:51:13

S12W17  
Qual=03  
Qual=01  
Code=00  
Tot Cts=439  
Exp #=84423

SMM Pointing:  
Importance=C6  
Peak...c/s=61  
Wavelength=2788A  
Code=00  
Pitch=+173", Yaw=-240", Roll=-20deg  
H.Ang=18deg  
MaxkeV=102  
Rast=180"x1"  
Step=0" Pitch=+55", Yaw=-62"

Event # = 22462

89/02/21, 15:22 DOY=52  
Peak

Start End times

GOES 14:42 15:22 15:33  
BCS 14:42 15:22 15:33  
FCS 14:42 15:22 15:33  
UVSP 15:30 15:22 15:33

Qual=05  
Qual= 7  
FePeak=14:53  
Exp #=84425

FePeak.c/s=7  
Rast=0"x0"  
Rast=180"x1"  
dt= 7.7s  
Cad=1.02s  
Pitch=+59", Yaw=-74"

Event # = 22463	DOY=52	Peak	End times	Ha...Class=SF	S13W19	AR5368	Mac.=FAI	Carr.Lon.=166deg	H.Ang=20deg
89/02/21,17:02	Start	17:02	17:10	Importance=C5	Qual=05	FePeak=16:59	FePeak.c/s=22	#Peaks=2	XEN=905204
Optical		17:00	17:11	CaPeak.c/s=179	Qual=1	Exp #=84427	Rast=180"x180"	Step=10"	1.024s/pixel
G0ES	16:51			Wavelength=2788A	Code=02		Rast=180"x1"	Pitch=0"	Yaw=-86"
BGS	16:15			SMM Pointing:	S11W20		Pitch=+188",	Yaw=-278",	Roll=-20deg
FCS	17:04			Ha...Class=IB	S12W19	AR5368	Mac.=FAI	Carr.Lon.=165deg	H.Ang=19deg
UVSP	17:04			Importance=M4	Qual=03	Tot Cts=6900	MaxkeV=102	Flags=IS	
				Peak...c/s=156	Qual=11	FePeak=18:23	FePeak.c/s=431	#Peaks=2	XEN=905205
				CaPeak.c/s=2481	Qual=1	Exp #=84429	Rast=420"x240"	Step=15"	1.024s/pixel
				Wavelength=2788A			Rast=180"x1"	Pitch=0"	Yaw=-99"
Event # = 22464	DOY=52	Peak	End times	Ha...Class=SB	S11W22	AR5368	Mac.=FAI	Carr.Lon.=168deg	H.Ang=22deg
89/02/21,20:04	Start	20:04	20:18	Importance=M3	Qual=01	FePeak=20:03	FePeak.c/s=11	#Peaks=3	XEN=905206
Optical		20:04	20:18	Peak...c/s=53	Qual=1	Exp #=84431	Rast=240"x240"	Step=10"	1.024s/pixel
G0ES	19:21			CaPeak.c/s=716	Qual=1		Rast=180"x1"	Pitch=0"	Yaw=-111"
BGS	20:11			Wavelength=2788A			Pitch=+198",	Yaw=-302",	Roll=-20deg
FCS				SMM Pointing:	S11W22		Mac.=FAI	Carr.Lon.=168deg	H.Ang=24deg
UVSP	20:11			Ha...Class=SB	S13W24	AR5368	MaxkeV=102	Flags=EN	
				Importance=M3	Qual=02	Tot Cts=7380	FePeak.c/s=112	#Peaks=2	XEN=905207
				Peak...c/s=53	Qual=03	Exp #=84433	Rast=240"x240"	Step=10"	1.024s/pixel
				CaPeak.c/s=716	Qual=1		Rast=180"x1"	Pitch=0"	Yaw=-123"
				Wavelength=2788A	Code=01				
Event # = 10451	DOY=52	Peak	End times	SMM Pointing:	S11W23	AR5374	Mac.=CSO	Carr.Lon.=100deg	H.Ang=23deg
89/02/21,21:58	Start	21:58	22:29	Ha...Class=SF	S11E44	AR5374	MaxkeV=102	Flags=EN	
Optical		21:58	22:29	Importance=M3	Qual=01	Tot Cts=397	FePeak.c/s=17	#Peaks=2	XEN=905208
G0ES	21:27			Peak...c/s=47	Qual=01	FePeak=22:52	Rast=240"x240"	Step=10"	1.024s/pixel
HXRBS	21:27:30			CaPeak.c/s=126	Qual=1	Exp #=84435	Rast=180"x1"	Step=0"	Yaw=-136"
BGS	20:55			Wavelength=2788A		Event # = 10453			
FCS	21:50			Associated		Tot Cts=181	MaxkeV=102	Pitch=+82",	Yaw=-128"
UVSP	21:45			Peak...c/s=84	Qual=01	Exp #=84434	Rast=180"x1"		
				Wavelength=2788A					
Event # = 10452	DOY=52	Peak	End times	SMM Pointing:	S11W23	AR5374	Mac.=CSO	Carr.Lon.=100deg	H.Ang=23deg
89/02/21,22:52	Start	22:52	23:21	Ha...Class=SF	S11E44	AR5374	MaxkeV=102	Flags=EN	
Optical		22:52	23:21	Importance=M3	Qual=01	Tot Cts=397	FePeak.c/s=17	#Peaks=2	XEN=905208
G0ES	22:35:25			Peak...c/s=47	Qual=01	FePeak=22:52	Rast=240"x240"	Step=10"	1.024s/pixel
HXRBS	22:28			CaPeak.c/s=126	Qual=1	Exp #=84435	Rast=180"x1"	Step=0"	Yaw=-136"
BGS	22:28			Wavelength=2788A		Event # = 10453			
FCS	23:18			Associated		Tot Cts=181	MaxkeV=102	Pitch=+82",	Yaw=-128"
UVSP	22:39:50			Peak...c/s=84	Qual=01	Exp #=84434	Rast=180"x1"		
	22:20			Wavelength=2788A					

Event # = 10454		SMM Pointing: S12W23		Pitch=+209", Yaw=-327", Roll=-20deg		H. Ang=24deg	
89/02/21	23:58	DOY=52					
	Start	Peak					
GOES	23:48	00:28	Importance=M8	Qual=05			
HXRBS	00:01:37	00:01:56	Peak...c/s=43	Qual=01			
UVSP	23:52	00:02:09	WaveLength=2788A	Code=00	Tot Cts=129		
Radio	Frequency(MHz)/Flux(sfu):	245/16 410/67	4995/44 8800/32		Exp #=84436	Step=0"	Pitch=+87", Yaw=-140"
-----		Associated Event # = 10455		-----		-----	
HXRBS	00:09:16	00:09:56	00:11:08	Qual=01	Tot Cts=584		MaxkeV=102
-----		-----		-----		-----	
Event # = 22465		SMM Pointing: S11W24		Pitch=+209", Yaw=-327", Roll=-20deg		H. Ang=24deg	
89/02/22	00:03	DOY=53					
	Start	Peak					
GOES	00:01	00:03	CaPeak.c/s=1055	Qual=00	FePeak=00:01		
BCS				Qual=5			
FCS							
UVSP	23:52	00:29	WaveLength=2788A		Exp #=84436		
-----		-----		-----		-----	
Event # = 10456		SMM Pointing: S11W24		Pitch=+209", Yaw=-327", Roll=-20deg		H. Ang=24deg	
89/02/22	00:38	DOY=53					
	Start	Peak					
GOES	00:36:44	00:37:18	Peak...c/s=56	Qual=01	Tot Cts=586		
HXRBS	00:29	00:38	CaPeak.c/s=101	Qual=1	FePeak=00:37		
BCS							
FCS							
UVSP	00:50	00:59	WaveLength=2788A		Exp #=84437		
-----		-----		-----		-----	
Event # = 10457		SMM Pointing: S11W24		Pitch=+213", Yaw=-339", Roll=-20deg		H. Ang=24deg	
89/02/22	02:14	DOY=53					
	Start	Peak					
GOES	02:12:16	02:12:22	Peak...c/s=216	Qual=01	Tot Cts=895		
HXRBS	02:13	02:14	CaPeak.c/s=75	Qual=4	FePeak=02:13		
BCS							
FCS							
UVSP	02:12	02:26	WaveLength=1375A		Exp #=84442		
-----		-----		-----		-----	
Event # = 22466		SMM Pointing: S11W25		Pitch=+219", Yaw=-351", Roll=-20deg		H. Ang=25deg	
89/02/22	03:16	DOY=53					
	Start	Peak					
GOES	03:15	03:16	CaPeak.c/s=31	Qual=01	FePeak=03:15		
BCS				Qual=4			
FCS							
UVSP	03:15	03:26	WaveLength=1375A		Exp #=84445		
Radio	Frequency(MHz)/Flux(sfu):	245/340 410/37					
-----		-----		-----		-----	
Event # = 10458		SMM Pointing: S12W27		Pitch=+219", Yaw=-351", Roll=-20deg		H. Ang=25deg	
89/02/22	03:32	DOY=53					
	Start	Peak					
Optical			Ha...Class=SN				
GOES	03:32:16	03:32:27	Peak...c/s=77	Qual=00	AR5368		
HXRBS	03:15	03:32:46	WaveLength=1375A	Qual=01	Tot Cts=402		
UVSP					Exp #=84445		
Radio	Frequency(MHz)/Flux(sfu):	410/38 606/12	2695/6 4995/12	8800/30 15400/23			
-----		-----		-----		-----	
Event # = 10459		SMM Pointing: Carr. Lon.=168deg		Pitch=+248", Yaw=-370"		H. Ang=27deg	
89/02/22	03:34:13	03:34:18	03:34:42	Qual=01	Tot Cts=147		
	Start	Peak					
HXRBS	03:34:13	03:34:18	03:34:42	Qual=01	Tot Cts=147		
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Event # = 10460	DOY=53	SMM Pointing:	S11W25	Pitch=+219", Yaw=-351", Roll=-20deg	H. Ang=25deg
89/02/22, 04:00	Peak	End times			
GOES	03:55:14	03:55:19	Qual=00	MaxkeV=102	#Peaks=2 dt= 7.7s XEN=905304
HXRBS	04:00	04:05	Qual=01	FePeak.c/s=14	Step=0" Cad=1.02s 1.024s/pixel
BGS	03:31	04:05	Qual=1	Rast=0"x0"	Step=10" Pitch=+250", Yaw=-374"
FCS				Rast=30"x30"	
UVSP	03:47			Exp #=84447	
		Wave length=1375A			
Event # = 22467	DOY=53	End times	Qual=05	FePeak.c/s=12	#Peaks=1 dt= 7.7s XEN=905305
89/02/22, 04:56	Peak		Qual=5	Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
GOES	04:56	05:04		Rast=30"x30"	Step=10" Pitch=+238", Yaw=-357"
BGS				Exp #=84450	
FCS					
UVSP	04:47				
		Wave length=1375A			
Event # = 22468	DOY=53	End times		Mac. =FKI	Carr. Lon.=168deg H. Ang=28deg
89/02/22, 05:23	Peak				
Optical					
GOES	05:21	05:25	S12W28	FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=905306
BGS			Qual=00	Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
FCS			Qual=1	Rast=30"x30"	Step=10" Pitch=+260", Yaw=-381"
UVSP	05:19			Exp #=84452	
Radio	05:19				
		Wave length=1375A			
		410/64			
Event # = 22469	DOY=53	End times	Qual=00	FePeak.c/s=6	#Peaks=1 dt= 7.7s XEN=905307
89/02/22, 05:32	Peak		Qual=4	Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
GOES	05:31	05:34		Rast=30"x30"	Step=10" Pitch=+260", Yaw=-381"
BGS				Exp #=84452	
FCS					
UVSP	05:19				
		Wave length=1375A			
Event # = 22471	DOY=53	End times	Qual=03	FePeak.c/s=8	#Peaks=1 dt= 3.8s XEN=905309
89/02/22, 06:58	Peak		Qual=1	Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
GOES	06:45	07:30		Rast=10"x10"	Step=0" Pitch=+265", Yaw=-393"
BGS	06:53	07:11	Importance=C4	Exp #=84459	
FCS			CaPeak.c/s=47	Event # = 22470	
UVSP	06:53		Wave length=1375A	FePeak=06:54	
			Code=00		
			Associated		
			Qual=5		
BGS	06:45	06:47	CaPeak.c/s=18	Exp #=84457	
FCS			Wave length=1375A		
UVSP	06:43				
		Wave length=1375A			
Event # = 10462	DOY=53	SMM Pointing:	S11W28	Pitch=+234", Yaw=-386", Roll=-20deg	H. Ang=28deg
89/02/22, 08:22	Peak	End times			
GOES	08:17:27	08:18:08	Qual=01	MaxkeV=102	#Peaks=2 dt= 3.8s XEN=905310
HXRBS	08:13	08:34	Qual=01	FePeak.c/s=18	Step=15" Cad= 459s 1.024s/pixel
BGS			Qual=1	Rast=420"x240"	Step=0" Pitch=+245", Yaw=-443"
FCS				Rast=10"x10"	
UVSP	08:18			Exp #=84468	
		Wave length=1375A			

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HXRB5 08:16:24 08:16:31 08:16:54 Peak...c/s=42   Associated Event # = 10461
UVSP   08:09         Wavelength=1375A   Qual=01   Tot Cts=102   Maxkey=102
-----
HXRB5 08:20:15 08:20:41 08:20:53 Peak...c/s=44   Associated Event # = 10463
UVSP   08:09         Wavelength=2788A   Code=00   Exp #=84475   FePeak=09:52   Carr. Lon.=170deg   H. Ang=33deg
-----
Event # = 22472
89/02/22,10:04 D0Y=53
Optical
GOES 09:42 10:04 11:00 11:00 11:00 11:00 11:00 11:00 11:00 11:00
BCS 09:50 09:53 10:19 10:19 10:19 10:19 10:19 10:19 10:19 10:19
FCS
UVSP 09:43 09:53 10:19 10:19 10:19 10:19 10:19 10:19 10:19 10:19
-----
Event # = 22473
89/02/22,11:29 D0Y=53
Optical
GOES 11:27 11:39 11:39 11:39 11:39 11:39 11:39 11:39 11:39 11:39
BCS 11:27 11:39 11:39 11:39 11:39 11:39 11:39 11:39 11:39 11:39
FCS
UVSP 11:44 11:44 11:44 11:44 11:44 11:44 11:44 11:44 11:44 11:44
-----
Event # = 22474
89/02/22,13:02 D0Y=53
Optical
GOES 12:58 13:02 13:11 13:11 13:11 13:11 13:11 13:11 13:11 13:11
BCS 13:03 13:06 13:25 13:25 13:25 13:25 13:25 13:25 13:25 13:25
FCS
UVSP 13:19 13:19 13:19 13:19 13:19 13:19 13:19 13:19 13:19 13:19
Radio Sweeps
Radio Frequency(MHz)/Flux(sfu): 245/570
-----
Event # = 22475
89/02/22,14:42 D0Y=53
Optical
GOES 14:37 14:42 14:52 14:52 14:52 14:52 14:52 14:52 14:52 14:52
BCS 14:02 14:41 14:59 14:59 14:59 14:59 14:59 14:59 14:59 14:59
FCS
UVSP 14:51 14:51 14:51 14:51 14:51 14:51 14:51 14:51 14:51 14:51
-----
Event # = 10464
89/02/22,16:15 D0Y=53
Optical
GOES 16:17:06 16:17:18 16:17:28 16:17:28 16:17:28 16:17:28 16:17:28 16:17:28 16:17:28 16:17:28
BCS 15:40 16:15 16:32 16:32 16:32 16:32 16:32 16:32 16:32 16:32
FCS
UVSP 16:25 16:25 16:25 16:25 16:25 16:25 16:25 16:25 16:25 16:25
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Event # = 22476  
 89/02/22,17:49 DOY=53 Carr. Lon. = 167deg H. Ang = 34deg  
 Start Peak Mac. = FKI  
 Optical S13W34 AR5368  
 Qual=03  
 GOES 17:49 dt= 7.7s XEN=905316  
 BCS 17:10 CaPeak.c/s=246 FePeak.c/s=42 Step=15" Rast=420"x240" dt= 7.7s XEN=905316  
 FCS Wavelength=2788A Code=02 FePeak.c/s=7 Step=0" Rast=180"x1" Pitch=+146", Yaw=-274"  
 UVSP 17:58 Exp # = 84485

Event # = 22477  
 89/02/22,18:59 DOY=53 Carr. Lon. = 167deg H. Ang = 34deg  
 Start Peak Mac. = FKI  
 Optical S13W34 AR5368  
 Qual=03  
 GOES 18:43 dt= 7.7s XEN=905317  
 BCS 18:59 CaPeak.c/s=35 FePeak.c/s=9 Step=0" Rast=70"x70" dt= 7.7s XEN=905317  
 FCS Wavelength=1375A Exp # = 84487  
 UVSP

Event # = 10465  
 89/02/22,19:24 DOY=53 Carr. Lon. = 167deg H. Ang = 34deg  
 Start Peak Mac. = FKI  
 Optical S11W34  
 Qual=01  
 GOES 19:21 dt= 3.8s XEN=905318  
 HXRBS 19:22:32 Peak...c/s=105 FePeak.c/s=14 Step=15" Rast=420"x240" dt= 3.8s XEN=905318  
 BCS 19:22:32 CaPeak.c/s=64 FePeak.c/s=14 Step=5" Rast=70"x70" dt= 3.8s XEN=905318  
 FCS Wavelength=1375A Exp # = 84487  
 UVSP 18:48

Event # = 22478  
 89/02/22,19:38 DOY=53 Carr. Lon. = 167deg H. Ang = 34deg  
 Start Peak Mac. = FKI  
 Optical S11W34  
 Qual=04  
 GOES 19:38 dt= 7.7s XEN=905319  
 BCS 19:38 CaPeak.c/s=24 FePeak.c/s=8 Step=10" Rast=240"x240" dt= 7.7s XEN=905319  
 FCS Wavelength=1375A Exp # = 84488  
 UVSP 20:18

Event # = 22479  
 89/02/22,21:10 DOY=53 Carr. Lon. = 167deg H. Ang = 34deg  
 Start Peak Mac. = FKI  
 Optical S11W35  
 Qual=03  
 GOES 20:59 dt= 7.7s XEN=905320  
 BCS 21:07 CaPeak.c/s=93 FePeak.c/s=7 Step=0" Rast=30"x30" dt= 7.7s XEN=905320  
 FCS Wavelength=1375A Exp # = 84494  
 UVSP 21:04

Event # = 10466  
 89/02/22,22:01 DOY=53 Carr. Lon. = 167deg H. Ang = 34deg  
 Start Peak Mac. = FKI  
 Optical S11W35  
 Qual=01  
 GOES 21:53:59 dt= 7.0s XEN=905321  
 HXRBS 21:50 CaPeak.c/s=48 FePeak.c/s=15 Step=10" Rast=420"x240" dt= 7.0s XEN=905321  
 BCS 22:01 CaPeak.c/s=45 FePeak.c/s=15 Step=10" Rast=30"x30" dt= 7.0s XEN=905321  
 FCS Wavelength=1375A Exp # = 84497  
 UVSP 21:55

Event # = 22480  
 89/02/22, 23:57 DOY=53  
 Peak Start End times  
 Optical  
 Optical  
 GOES 23:51 23:57 00:02  
 BCS 23:52 23:56 00:19  
 FCS  
 UVSP 23:29

Ha...Class=SF N14W08 AR5373  
 Ha...Class=SF S13W36 AR5368  
 Importance=C3 Qual=01  
 CaPeak.c/s=81 Qual=1 FePeak=23:56  
 Wavelength=1375A Code=00 Exp #=84502  
 Mac.=EKI  
 Carr.Lon.=138deg H.Ang=23deg  
 Carr.Lon.=166deg H.Ang=36deg  
 #Peaks=1 dt= 3.8s XEN=905322  
 Step=10" Cad= 590s 1.024s/pixel  
 Step=10" Pitch=+288",Yaw=-546"  
 FePeak.c/s=15 Rast=240"x240"  
 Rast=30"x30" Pitch=+296",Yaw=-494"

89/02/23 DOY=54  
 Event # = 22481  
 89/02/23, 00:57 DOY=54  
 Peak Start End times  
 GOES  
 BCS 00:57 00:57 01:15  
 FCS  
 UVSP 00:59

Qual=00  
 Qual=5 FePeak=01:02  
 CaPeak.c/s=30  
 Wavelength=1375A  
 Exp #=84505  
 FePeak.c/s=12  
 Rast=0"x0"  
 Rast=265"x265" dt= 7.7s XEN=905400  
 Step=0" Cad=1.02s 1.024s/pixel  
 Step=5" Pitch=+296",Yaw=-494"

Event # = 22482  
 89/02/23, 01:20 DOY=54  
 Peak Start End times  
 GOES  
 BCS 01:20 01:20 01:30  
 FCS  
 UVSP 01:01

Qual=00  
 Qual=4 FePeak=01:20  
 CaPeak.c/s=24  
 Wavelength=1375A  
 Exp #=84507  
 FePeak.c/s=9  
 Rast=0"x0"  
 Rast=30"x30" dt= 7.7s XEN=905401  
 Step=0" Cad=1.02s 1.024s/pixel  
 Step=10" Pitch=+323",Yaw=-551"

Event # = 22483  
 89/02/23, 01:33 DOY=54  
 Peak Start End times  
 GOES  
 BCS 01:31 01:33 01:44  
 FCS  
 UVSP 01:33

Qual=00  
 Qual=4 FePeak=01:39  
 CaPeak.c/s=18  
 Wavelength=1375A  
 Exp #=84508  
 FePeak.c/s=7  
 Rast=0"x0"  
 Rast=70"x70" dt= 7.7s XEN=905402  
 Step=0" Cad=1.02s 1.024s/pixel  
 Step=5" Pitch=+325",Yaw=-555"

Event # = 22484  
 89/02/23, 02:32 DOY=54  
 Peak Start End times  
 GOES  
 BCS 02:29 02:32 03:13  
 FCS  
 UVSP 02:31

Qual=00  
 Qual=5 FePeak=02:31  
 CaPeak.c/s=63  
 Wavelength=1375A  
 Exp #=84510  
 FePeak.c/s=12  
 Rast=240"x240"  
 Rast=265"x265" dt= 3.8s XEN=905403  
 Step=10" Cad= 590s 1.024s/pixel  
 Step=5" Pitch=+301",Yaw=-504"

Event # = 22485  
 89/02/23, 04:14 DOY=54  
 Peak Start End times  
 GOES  
 BCS 04:14 04:14 04:59  
 FCS  
 UVSP 04:08

Qual=02  
 Qual=5 FePeak=04:14  
 CaPeak.c/s=136  
 Wavelength=1375A  
 Exp #=84517  
 FePeak.c/s=21  
 Rast=420"x240"  
 Rast=30"x30" dt= 3.8s XEN=905404  
 Step=15" Cad= 459s 1.024s/pixel  
 Step=10" Pitch=+338",Yaw=-577"

Event # = 10467  
 89/02/23,05:00 DOY=54 SMM Pointing: S11W39 Pitch=+298",Yaw=-527",Roll=-20deg H.Ang=39deg  
 Start Peak  
 End times  
 GOES 04:03 05:00 Importance=M1 Qual=04  
 HXRBS 04:47:03 04:54:00 04:56:00 Peak...c/s=45 Qual=01 Tot Cts=1662 MaxkeV=102  
 UVSP 04:40 Wavelength=1375A Code=00 Exp #=84519 Step=10 Pitch=+320",Yaw=-590"

Event # = 22486  
 89/02/23,05:53 DOY=54  
 Start Peak  
 End times  
 GOES 05:53 05:53 CaPeak.c/s=19 Qual=5 FePeak=05:56 dt= 7.7s XEN=905405  
 FCS UVSP 05:50 Wavelength=1375A Exp #=84522 Step=0" Cad=1.02s XEN=905406  
 FePeak.c/s=10 Rast=0"x0" Pitch=+338",Yaw=-583"

Event # = 22487  
 89/02/23,06:30 DOY=54  
 Start Peak  
 End times  
 GOES 06:12 06:30 CaPeak.c/s=71 Qual=00 FePeak=06:30 dt= 7.7s XEN=905406  
 FCS UVSP 06:17 Wavelength=1375A Exp #=84526 Step=0" Cad= 590s XEN=905406  
 FePeak.c/s=10 Rast=240"x240" Pitch=+340",Yaw=-545"

Event # = 22488  
 89/02/23,12:28 DOY=54  
 Start Peak  
 End times  
 GOES 12:25 12:28 Importance=C3 Qual=01 FePeak=12:27 dt= 4.0s XEN=905407  
 BCS 12:25 12:27 CaPeak.c/s=49 Qual=1 Rast=420"x240" Cad= 459s XEN=905407  
 FCS UVSP 12:39 Wavelength=2788A Exp #=84543 Step=0" Pitch=+204",Yaw=-396"

Event # = 22489  
 89/02/23,12:43 DOY=54  
 Start Peak  
 End times  
 GOES 12:37 12:43 CaPeak.c/s=32 Qual=00 FePeak=12:40 dt= 7.7s XEN=905408  
 BCS 12:39 Wavelength=2788A Exp #=84543 Step=10" Cad= 590s XEN=905408  
 FCS UVSP 12:39 CaPeak.c/s=32 Qual=1 Rast=240"x240" Pitch=+204",Yaw=-396"

Event # = 22490  
 89/02/23,13:29 DOY=54  
 Start Peak  
 End times  
 GOES 13:24 13:29 CaPeak.c/s=47 Qual=00 FePeak=13:28 dt= 7.7s XEN=905409  
 BCS 13:14 Wavelength=2788A Exp #=84544 Step=0" Cad=1.02s XEN=905409  
 FCS UVSP 13:14 CaPeak.c/s=47 Qual=3 Rast=180"x1" Pitch=+206",Yaw=-399"

Event # = 10468  
 89/02/23,17:20 DOY=54  
 Start Peak  
 End times  
 Optical S11W45 Pitch=+333",Yaw=-598",Roll=-20deg H.Ang=45deg  
 GOES 17:14:12 17:17:12 17:20:14 S13W48 Carr.Lon.=168deg H.Ang=48deg  
 HXRBS 17:04 17:20 Peak...c/s=53 Qual=01 AR5368 MaxkeV=102  
 BCS 17:04 17:20 CaPeak.c/s=320 Qual=1 Tot Cts=2297 FePeak.c/s=97 dt= 7.7s XEN=905410  
 FCS UVSP 17:19 Wavelength=2788A Exp #=84549 Step=10" Cad= 590s XEN=905410  
 Rast=240"x240" Pitch=+217",Yaw=-422"

Event # = 10469										
89/02/23, 17:21	DOY=54	SMM Pointing: S11W46			Pitch=+338", Yaw=-608", Roll=-20deg			H. Ang=46deg		
G0ES	Start	End times	Importance=C7		Qual=03		MaxkeV=102			
HXRBS	17:14	17:21	Peak...c/s=42		Qual=01		Rast=180"x1"		Step=0" Pitch=+217", Yaw=-422"	
UVSP	17:22:14	17:23:11	WaveLength=2788A		Code=00	Tot Cts=343				
	17:19					Exp #=84549				
Event # = 10470										
89/02/23, 19:50	DOY=54	SMM Pointing: S11W47			Pitch=+345", Yaw=-621", Roll=-20deg			H. Ang=47deg		
Optical	Start	End times	Ha...Class=IN		S16W54		Mac. =EKI		Carr. Lon.=173deg	
G0ES	19:44	19:50	Importance=C7		Qual=01		Carr. Lon.=137deg		H. Ang=53deg	
HXRBS	19:45:07	19:47:21	Peak...c/s=91		Qual=01		MaxkeV=102		#Peaks=1 dt= 3.8s XEN=905411	
FCS	19:45	19:49	CaPeak.c/s=295		Qual= 1		FePeak.c/s=78		Step=15" Cad= 459s 1.024s/pixel	
UVSP	19:27		WaveLength=2788A		Code=01	Exp #=84552	Rast=180"x1" Pitch=+224", Yaw=-435"			
Event # = 10471										
89/02/23, 21:11	DOY=54	SMM Pointing: S11W47			Pitch=+345", Yaw=-621", Roll=-20deg			H. Ang=47deg		
Optical	Start	End times	Ha...Class=SN		S16W53		Mac. =EKI		Carr. Lon.=171deg	
G0ES	21:07	21:13	Importance=C5		Qual=01		MaxkeV=187		H. Ang=53deg	
HXRBS	21:07:09	21:09:51	Peak...c/s=47		Qual=01		FePeak.c/s=38		#Peaks=1 dt= 3.8s XEN=905412	
FCS	21:10	21:11	CaPeak.c/s=162		Qual= 1		Rast=240"x240"		Step=15" Cad= 459s 1.024s/pixel	
UVSP	21:13		WaveLength=1375A		Code=02	Exp #=84554	Rast=265"x265" Pitch=+357", Yaw=-616"			
Event # = 22491										
89/02/23, 21:58	DOY=54	SMM Pointing: S11W47			Pitch=+345", Yaw=-621", Roll=-20deg			H. Ang=47deg		
G0ES	Start	End times	Ha...Class=SF		S24W27		Mac. =HRX		Carr. Lon.=144deg	
BCS	21:58	21:59	Importance=C6		Qual=05		FePeak.c/s=13		#Peaks=1 dt= 7.7s XEN=905413	
FCS	21:58	21:58	CaPeak.c/s=163		Qual= 5		Rast=240"x240"		Step=10" Cad= 590s 1.024s/pixel	
UVSP	21:48		WaveLength=1375A			Exp #=84558	Rast=30"x30" Pitch=+380", Yaw=-656"			
Event # = 22492										
89/02/24, 00:07	DOY=55	SMM Pointing: S11W47			Pitch=+345", Yaw=-621", Roll=-20deg			H. Ang=47deg		
Optical	Start	End times	Ha...Class=SN		S16W53		Mac. =HRX		Carr. Lon.=144deg	
G0ES	23:56	00:07	Importance=C6		Qual=05		FePeak.c/s=20		#Peaks=1 dt= 3.8s XEN=905500	
BCS	00:17	00:18	CaPeak.c/s=163		Qual= 5		Rast=240"x240"		Step=10" Cad= 590s 1.024s/pixel	
FCS	00:20		WaveLength=1375A			Exp #=84564	Rast=265"x265" Pitch=+365", Yaw=-633"			
UVSP	00:20		WaveLength=1375A			Exp #=84564				
Event # = 22493										
89/02/24, 01:51	DOY=55	SMM Pointing: S11W47			Pitch=+345", Yaw=-621", Roll=-20deg			H. Ang=47deg		
G0ES	Start	End times	Ha...Class=SN		S16W53		Mac. =HRX		Carr. Lon.=144deg	
BCS	01:50	01:51	Importance=C6		Qual=05		FePeak.c/s=14		#Peaks=1 dt= 7.7s XEN=905501	
FCS	01:50	01:51	CaPeak.c/s=52		Qual= 1		Rast=240"x240"		Step=10" Cad= 590s 1.024s/pixel	
UVSP	01:52		WaveLength=1375A			Exp #=84569	Rast=265"x265" Pitch=+370", Yaw=-641"			

Event # = 10472		SMM Pointing: S11W52		Pitch=+367", Yaw=-662", Roll=-20deg		H. Ang=51deg		
89/02/24, 03:32	DOY=55	End times						
Start	Peak							
GOES 03:30:41 03:32:10 03:34:39		Qual=00	Tot Cts=11980		MaxkeV=230		Step=10" Pitch=+406", Yaw=-706"	
HXRB5		Qual=01	Exp #=84576		Rast=30"x30"			
UVSP 03:29								
Event # = 22494		SMM Pointing: S11W64		Pitch=+422", Yaw=-753", Roll=-20deg		H. Ang=63deg		
89/02/24, 05:15	DOY=55	End times						
Start	Peak							
GOES 05:12 05:15 05:18		Qual=05	FePeak=05:14		FePeak.c/s=11		dt= 7.7s XEN=905502	
BCS		Qual= 1	Exp #=84581		Rast=0"x0"		Cad=1.02s 1.024s/pixel	
FCS					Rast=30"x30"		Pitch=+406", Yaw=-714"	
UVSP 05:03		Type/Intensity: III/2						
Event # = 22495		SMM Pointing: S11W64		Pitch=+422", Yaw=-753", Roll=-20deg		H. Ang=63deg		
89/02/24, 08:28	DOY=55	End times						
Start	Peak							
GOES 08:24 08:27 08:32		Qual=01	FePeak=08:27		FePeak.c/s=31		dt= 3.8s XEN=905503	
BCS 08:27		Qual= 5	Exp #=84592		Rast=420"x240"		Cad= 459s 1.024s/pixel	
FCS					Rast=70"x70"		Pitch=+406", Yaw=-722"	
UVSP 08:55		Wavelength=1375A						
Event # = 22496		SMM Pointing: S11W64		Pitch=+422", Yaw=-753", Roll=-20deg		H. Ang=63deg		
89/02/24, 10:29	DOY=55	End times						
Start	Peak							
GOES 10:28 10:29 10:33		Qual=03	FePeak=10:29		FePeak.c/s=7		dt= 7.7s XEN=905504	
BCS		Qual= 4	Exp #=84596		Rast=0"x0"		Cad=1.02s 1.024s/pixel	
FCS					Rast=180"x1"		Pitch=+265", Yaw=-510"	
UVSP 10:25		Wavelength=2788A						
Event # = 22497		SMM Pointing: S11W64		Pitch=+422", Yaw=-753", Roll=-20deg		H. Ang=63deg		
89/02/24, 11:49	DOY=55	End times						
Start	Peak							
Optical		Ha...Class=SF	AR5368		Mac.=EKI		Carr. Lon.=168deg	
GOES 11:43 11:49 12:04		Qual=01	FePeak=11:49		FePeak.c/s=13		dt= 3.8s XEN=905505	
BCS		Qual= 1	Exp #=84598		Rast=420"x240"		Cad= 459s 1.024s/pixel	
FCS					Rast=180"x1"		Pitch=+269", Yaw=-517"	
UVSP 12:00		Wavelength=2788A						
Event # = 10473		SMM Pointing: S11W64		Pitch=+422", Yaw=-753", Roll=-20deg		H. Ang=63deg		
89/02/24, 19:26	DOY=55	End times						
Start	Peak							
GOES 19:25:51 19:26:01 19:26:05		Qual=00	Tot Cts=86		MaxkeV=102		Step=0" Pitch=+305", Yaw=-573"	
HXRB5		Qual=01	Exp #=84608		Rast=180"x1"			
UVSP 19:46		Wavelength=2788A						
Event # = 12775		SMM Pointing: S11W64		Pitch=+422", Yaw=-753", Roll=-20deg		H. Ang=63deg		
89/02/24, 19:47	DOY=55	End times						
Start	Peak							
HXRB5 19:47:03 19:47:06 19:47:19		Qual=01	Tot Cts=1360		MaxkeV=629		Flags=FS, NS, GB	
UVSP 19:46		Wavelength=2788A	Exp #=84608		Rast=180"x1"		Step=0" Pitch=+305", Yaw=-573"	

Event # = 10474		DOY=55		SMM Pointing:		S11W64		Pitch=+422", Yaw=-753", Roll=-20deg		H. Ang=63deg	
89/02/24, 19:49		Peak		Ha...Class=SF		S13W66		Mac.=EKI		Carr. Lon.=172deg	
Optical		19:49		Importance=C3		Qual=03		MaxkeV=629		Flags=FS	
GOES		19:47:07		Peak...c/s=254		Qual=01		FePeak.c/s=18		#Peaks=1	
HXRBS		19:48		CaPeak.c/s=76		Qual=1		Rast=420"x240"		dt= 3.8s	
BCS		19:48		Wavelength=2788A		Code=00		Step=15"		Cad= 459s	
FCS								Pitch=0"		XEN=905506	
UVSP		19:46						Rast=180"x1"		Step=0"	
Exp #=84608										Pitch=+305", Yaw=-573"	
Event # = 10475		DOY=55		SMM Pointing:		S11W65		Pitch=+429", Yaw=-763", Roll=-20deg		H. Ang=64deg	
89/02/24, 21:11		Peak		Ha...Class=SF		S13W66		Mac.=EKI		Carr. Lon.=171deg	
Optical		21:11		Importance=C5		Qual=01		MaxkeV=102		#Peaks=2	
GOES		21:09:01		Peak...c/s=50		Qual=01		FePeak.c/s=57		dt= 3.8s	
HXRBS		21:10		CaPeak.c/s=236		Qual=1		Rast=420"x240"		Cad= 459s	
BCS		21:10		Wavelength=1375A		Code=00		Step=15"		XEN=905507	
FCS								Pitch=10"		Cad= 459s	
UVSP		20:58						Rast=30"x30"		Step=0"	
Exp #=84613										Pitch=+442", Yaw=-766"	
Event # = 22498		DOY=55		SMM Pointing:		S11W65		Pitch=+429", Yaw=-763", Roll=-20deg		H. Ang=64deg	
89/02/24, 22:35		Peak		Ha...Class=SF		S13W68		Mac.=EKI		Carr. Lon.=172deg	
Optical		22:35		Importance=C8		Qual=02		MaxkeV=230		#Peaks=1	
GOES		22:05		Peak...c/s=1763		Qual=01		FePeak.c/s=25		dt= 7.7s	
BCS		22:35		CaPeak.c/s=37		Qual=1		Rast=240"x240"		Cad= 590s	
FCS				Wavelength=1375A		Code=00		Step=10"		XEN=905508	
UVSP		22:32						Rast=30"x30"		Step=10"	
Exp #=84620										Pitch=+426", Yaw=-726"	
Event # = 10476		DOY=55		SMM Pointing:		S11W65		Pitch=+429", Yaw=-763", Roll=-20deg		H. Ang=64deg	
89/02/24, 23:02		Peak		Ha...Class=SF		S13W68		Mac.=EKI		Carr. Lon.=172deg	
Optical		23:02		Importance=C3		Qual=01		MaxkeV=230		#Peaks=1	
GOES		22:59:30		Peak...c/s=53		Qual=01		FePeak.c/s=25		dt= 7.7s	
HXRBS		23:00		CaPeak.c/s=115		Qual=1		Rast=240"x240"		Cad= 590s	
BCS		23:00		Wavelength=1375A		Code=00		Step=10"		XEN=905509	
FCS								Rast=30"x30"		Step=10"	
UVSP		22:52								Pitch=+422", Yaw=-727"	
Exp #=84622										Pitch=+422", Yaw=-727"	
Event # = 10477		DOY=56		SMM Pointing:		S11W65		Pitch=+429", Yaw=-763", Roll=-20deg		H. Ang=64deg	
89/02/25, 00:01		Peak		Ha...Class=SN		N11E56		Mac.=EAI		Carr. Lon.=47deg	
Optical		00:01		Importance=C3		Qual=01		MaxkeV=102		#Peaks=1	
GOES		23:47		Peak...c/s=53		Qual=01		FePeak.c/s=25		dt= 3.8s	
HXRBS		23:59:05		CaPeak.c/s=115		Qual=1		Rast=420"x240"		Cad= 459s	
BCS		23:58		Wavelength=1375A		Code=00		Step=15"		XEN=905511	
FCS								Pitch=10"		Cad= 459s	
UVSP		23:43						Rast=30"x30"		Step=10"	
Exp #=84625										Pitch=+454", Yaw=-780"	
Event # = 22499		DOY=56		SMM Pointing:		S11W65		Pitch=+429", Yaw=-763", Roll=-20deg		H. Ang=64deg	
89/02/25, 00:01		Peak		Ha...Class=SN		N11E56		Mac.=EAI		Carr. Lon.=47deg	
Optical		00:01		Importance=C3		Qual=01		MaxkeV=102		#Peaks=1	
GOES		23:47		Peak...c/s=53		Qual=01		FePeak.c/s=25		dt= 3.8s	
HXRBS		23:59:17		CaPeak.c/s=115		Qual=1		Rast=420"x240"		Cad= 459s	
BCS		23:58		Wavelength=1375A		Code=00		Step=15"		XEN=905511	
FCS								Pitch=10"		Cad= 459s	
UVSP		23:43						Rast=30"x30"		Step=10"	
Exp #=84625										Pitch=+454", Yaw=-780"	
Event # = 22499		DOY=56		SMM Pointing:		S11W65		Pitch=+429", Yaw=-763", Roll=-20deg		H. Ang=64deg	
89/02/25, 00:01		Peak		Ha...Class=SN		N11E56		Mac.=EAI		Carr. Lon.=47deg	
Optical		00:01		Importance=C3		Qual=01		MaxkeV=102		#Peaks=1	
GOES		23:47		Peak...c/s=53		Qual=01		FePeak.c/s=25		dt= 3.8s	
HXRBS		23:59:17		CaPeak.c/s=115		Qual=1		Rast=420"x240"		Cad= 459s	
BCS		23:58		Wavelength=1375A		Code=00		Step=15"		XEN=905511	
FCS								Pitch=10"		Cad= 459s	
UVSP		23:43						Rast=30"x30"		Step=10"	
Exp #=84625										Pitch=+454", Yaw=-780"	
Event # = 22499		DOY=56		SMM Pointing:		S11W65		Pitch=+429", Yaw=-763", Roll=-20deg		H. Ang=64deg	
89/02/25, 00:01		Peak		Ha...Class=SN		N11E56		Mac.=EAI		Carr. Lon.=47deg	
Optical		00:01		Importance=C3		Qual=01		MaxkeV=102		#Peaks=1	
GOES		23:47		Peak...c/s=53		Qual=01		FePeak.c/s=25		dt= 3.8s	
HXRBS		23:59:17		CaPeak.c/s=115		Qual=1		Rast=420"x240"		Cad= 459s	
BCS		23:58		Wavelength=1375A		Code=00		Step=15"		XEN=905511	
FCS								Pitch=10"		Cad= 459s	
UVSP		23:43						Rast=30"x30"		Step=10"	
Exp #=84625										Pitch=+454", Yaw=-780"	
Event # = 22499		DOY=56		SMM Pointing:		S11W65		Pitch=+429", Yaw=-763", Roll=-20deg		H. Ang=64deg	
89/02/25, 00:01		Peak		Ha...Class=SN		N11E56		Mac.=EAI		Carr. Lon.=47deg	
Optical		00:01		Importance=C3		Qual=01		MaxkeV=102		#Peaks=1	
GOES		23:47		Peak...c/s=53		Qual=01		FePeak.c/s=25		dt= 3.8s	
HXRBS		23:59:17		CaPeak.c/s=115		Qual=1		Rast=420"x240"		Cad= 459s	
BCS		23:58		Wavelength=1375A		Code=00		Step=15"		XEN=905511	
FCS								Pitch=10"		Cad= 459s	
UVSP		23:43						Rast=30"x30"		Step=10"	
Exp #=84625										Pitch=+454", Yaw=-780"	
Event # = 22499		DOY=56		SMM Pointing:		S11W65		Pitch=+429", Yaw=-763", Roll=-20deg		H. Ang=64deg	
89/02/25, 00:01		Peak		Ha...Class=SN		N11E56		Mac.=EAI		Carr. Lon.=47deg	
Optical		00:01		Importance=C3		Qual=01		MaxkeV=102		#Peaks=1	
GOES		23:47		Peak...c/s=53		Qual=01		FePeak.c/s=25		dt= 3.8s	
HXRBS		23:59:17		CaPeak.c/s=115		Qual=1		Rast=420"x240"		Cad= 459s	
BCS		23:58		Wavelength=1375A		Code=00		Step=15"		XEN=905511	
FCS								Pitch=10"		Cad= 459s	
UVSP		23:43						Rast=30"x30"		Step=10"	
Exp #=84625										Pitch=+454", Yaw=-780"	

Event # = 10478																					
89/02/25,01:28																					
Optical	S11W67	Pointing:																			
GOES	N38E48	Ha...Class=1F																			
HXRBS	Qual=01	Importance=C6																			
UVSP	Qual=01	Peak...c/s=115																			
	Code=00	Wavelength=1375A																			
Event # = 10479																					
89/02/25,03:41	S12W69	Pointing:																			
Optical	S13W71	Ha...Class=SF																			
GOES	Qual=02	Importance=C3																			
HXRBS	Qual=01	Peak...c/s=124																			
BCS	Qual=1	CaPeak.c/s=93																			
FCS		Wavelength=1375A																			
UVSP	Code=00																				
Event # = 22500																					
89/02/25,04:20	S12W68	Pointing:																			
GOES	Qual=05	Importance=C4																			
BCS	Qual=5	CaPeak.c/s=41																			
FCS		Wavelength=1375A																			
UVSP	Code=02																				
Event # = 11739																					
89/02/25,05:02	S12W68	Pointing:																			
GOES	Qual=00	Importance=C4																			
HXRBS	Qual=01	Peak...c/s=101																			
UVSP		Wavelength=1375A																			
Event # = 11740																					
89/02/25,07:50	S11W70	Pointing:																			
GOES	Qual=01	Peak...c/s=71																			
HXRBS	Qual=01	CaPeak.c/s=57																			
BCS	Qual=1	Wavelength=1375A																			
FCS																					
UVSP																					
Event # = 10481																					
89/02/25,11:16	S11W73	Pointing:																			
GOES	Qual=01	Peak...c/s=48																			
HXRBS	Qual=01	CaPeak.c/s=41																			
BCS	Qual=4	Wavelength=2788A																			
FCS																					
UVSP																					
Event # = 10480																					
89/02/25,11:14	S11W73	Pointing:																			
GOES	Qual=01	Peak...c/s=56																			
HXRBS	Qual=01	CaPeak.c/s=56																			
BCS	Qual=1	Wavelength=2788A																			
FCS																					
UVSP																					

Event # = 22501		DOY=56		End times			
89/02/25, 14:12	Peak	14:12	14:13	CaPeak.c/s=19	Qual=04	FePeak=14:12	
GOES				Wave length=2788A	Qual=5	Exp #=84668	#Peaks=1 dt= 7.7s XEN=905604
BCS							Step=0" Cad=1.02s 1.024s/pixel
FCS							Step=0" Pitch=+344", Yaw=-622"
UVSP							
Event # = 22502		DOY=56		End times			
89/02/25, 15:17	Peak	15:17	15:45	CaPeak.c/s=54	Qual=03	FePeak=15:16	
GOES				Wave length=2788A	Qual=1	Exp #=84669	#Peaks=1 dt= 3.8s XEN=905605
BCS							Step=15" Cad= 459s 1.024s/pixel
FCS							Step=0" Pitch=+345", Yaw=-623"
UVSP							
Event # = 10482		DOY=56		SMM Pointing:			
89/02/25, 16:03	Peak				S12W75		Pitch=+467", Yaw=-809", Roll=-20deg H. Ang=74deg
GOES							
HXRBS		16:01:16	16:01:37	Peak...c/s=48	Qual=03	Tot Cts=197	
BCS		16:02	16:06	CaPeak.c/s=25	Qual=01	FePeak=16:02	
FCS					Qual= 4		#Peaks=1 dt= 7.7s XEN=905606
UVSP		16:01		Wave length=2788A		Exp #=84670	Step=10" Cad= 590s 1.024s/pixel
Event # = 22503		DOY=56		End times			
89/02/25, 16:47	Peak	16:47	16:51	CaPeak.c/s=63	S13W78	AR5368	Mac.=EKI Carr. Lon.=172deg H. Ang=77deg
Optical				Wave length=2788A	Qual=01	FePeak=16:47	
GOES							
BCS							#Peaks=1 dt= 3.8s XEN=905607
FCS							Step=15" Cad= 459s 1.024s/pixel
UVSP							Step=0" Pitch=+348", Yaw=-625"
Event # = 10483		DOY=56		SMM Pointing:			
89/02/25, 21:58	Peak				S12W78		Pitch=+477", Yaw=-818", Roll=-20deg H. Ang=77deg
Optical							
GOES		21:53	22:03	Ha...Class=SF	S13W80	AR5368	Mac.=EKI Carr. Lon.=171deg H. Ang=79deg
HXRBS		21:54:16	21:56:05	Importance=C4	Qual=01	Tot Cts=4900	
BCS		21:55	22:10	Peak...c/s=270	Qual=01	FePeak=21:56	
FCS				CaPeak.c/s=134	Qual= 1	Exp #=84678	#Peaks=1 dt= 3.8s XEN=905608
UVSP		22:13		Wave length=2788A			Step=10" Cad= 590s 1.024s/pixel
Event # = 22504		DOY=56		End times			
89/02/25, 23:16	Peak	23:16	23:18	CaPeak.c/s=104	Qual=00	FePeak=23:16	
GOES				Wave length=2788A	Qual=1	Exp #=84679	#Peaks=1 dt= 7.7s XEN=905609
BCS							Step=0" Cad=1.02s 1.024s/pixel
FCS							Step=0" Pitch=+358", Yaw=-634"
UVSP							





Event # = 22506													
89/02/27,20:53	DOY=58	Peak											
Optical		End times											
GOES													
BCS	20:52	20:56	20:53										
FCS													
UVSP	20:56												
Ha...Class=Sf	S2E22												
CaPeak.c/s=20	Qual=4												
WaveLength=2788A													
FePeak.c/s=15	AR5379												
Rast=0"x0"	FePeak=20:52												
Rast=180"x1"	Exp #=84782												
dt= 7.7s													
Cad=1.02s													
Pitch=+169",Yaw=-749"													
#Peaks=1													
Step=0"													
Carr.Lon.=44deg													
H.Ang=26deg													
Mac.=CSO													
FePeak.c/s=18													
Rast=420"x240"													
Rast=180"x1"													
dt= 7.7s													
Cad= 459s													
Pitch=+4",Yaw=+512"													
#Peaks=1													
Step=15"													
Step=0"													
Carr.Lon.=44deg													
H.Ang=19deg													
MaxKeyV=102													
Rast=30"x30"													
Step=10"													
Pitch=+138",Yaw=+284",Roll=-20deg													
Pitch=+143",Yaw=+300"													
dt= 7.7s													
Cad=1.02s													
Pitch=+154",Yaw=+229"													
#Peaks=1													
Step=0"													
Step=0"													
Carr.Lon.=44deg													
H.Ang=17deg													
Mac.=DKO													
FePeak.c/s=5													
Rast=0"x0"													
Rast=180"x1"													
dt= 7.7s													
Cad=1.02s													
Pitch=-3",Yaw=+1"													
#Peaks=1													
Step=0"													
Step=0"													
Carr.Lon.=119deg													
H.Ang=0deg													
Mac.=D50													
MaxKeyV=102													
Rast=180"x1"													
Step=0"													
Pitch=-2",Yaw=+0",Roll=-20deg													
Pitch=+119deg													
MaxKeyV=102													
Rast=180"x1"													
Step=-3",Yaw=+1"													
dt= 7.7s													
Cad=1.02s													
Pitch=-3",Yaw=+1"													
#Peaks=1													
Step=0"													
Step=0"													
Carr.Lon.=119deg													
H.Ang=67deg													
Mac.=D50													
MaxKeyV=102													
Rast=180"x1"													
Step=0"													
Pitch=-3",Yaw=+1"													



Event # = 10497		89/03/01,10:23		DOY=60	SMM Pointing: S21W02		Pitch=+221",Yaw=+46",Roll=-20deg		H.Ang=13deg	
	Start	End times	Peak		Importance=M1	Qual=03				
GOES	10:12	10:38	10:23		Peak...c/s=43	Qual=01				
HXRBS	10:18:13	10:20:05	10:19:37		WaveLength=2788A	Code=00	Tot Cts=454			
UVSP	10:18						Exp #=84858	Step=0"	Pitch=+103",Yaw=+224"	
Event # = 10498		89/03/01,21:21		DOY=60	SMM Pointing: N15W73		Pitch=+41",Yaw=-939",Roll=-20deg		H.Ang=76deg	
	Start	End times	Peak		Ha...Class=SF	N12W83				
GOES	21:17	21:25	21:21		Importance=C5	Qual=02	AR5378			
HXRBS	21:01:00	21:01:18	21:01:08		Peak...c/s=53	Qual=01				
UVSP	21:09				WaveLength=2788A	Code=01	Tot Cts=161			
							Exp #=84872	Step=0"	Pitch=+182",Yaw=-761"	
Event # = 10499		89/03/01,22:28		DOY=60	SMM Pointing: N15W76		Pitch=+50",Yaw=-949",Roll=-20deg		H.Ang=78deg	
	Start	End times	Peak		Importance=C4	Qual=01				
GOES	22:24	22:32	22:28		Peak...c/s=40	Qual=01	Tot Cts=469			
HXRBS	22:25:46	22:27:59	22:26:29		WaveLength=2788A		Exp #=84874			
UVSP	22:43							Step=0"	Pitch=+185",Yaw=-764"	
Event # = 10500		89/03/02,00:05		DOY=61	SMM Pointing: N15W76		Pitch=+50",Yaw=-949",Roll=-20deg		H.Ang=78deg	
	Start	End times	Peak		Ha...Class=SN	N12W88				
GOES	23:55	00:09	00:05		Importance=C6	Qual=03	AR5378			
HXRBS	23:59:40	00:03:30	00:00:49		Peak...c/s=188	Qual=01	Tot Cts=8137			
UVSP	00:01				WaveLength=1375A	Code=00	Exp #=84880			
Event # = 22511		89/03/02,03:48		DOY=61	SMM Pointing: M2		Qual=02		FePeak=03:28	
	Start	End times	Peak		Importance=M2	Qual=3				
GOES	03:31	04:11	03:48		CaPeak.c/s=146		FePeak=03:28			
BCS	02:38	03:30	03:28		WaveLength=2788A		Exp #=84897			
UVSP	04:11				Type/Intensity: I11/I1					
Radio Sweeps					Frequency(MHz)/Flux(sfu): 245/160					
Event # = 22512		89/03/02,04:29		DOY=61	SMM Pointing: M2		Qual=00		FePeak=04:29	
	Start	End times	Peak		Importance=M2	Qual=5				
GOES	04:29	05:04	04:29		CaPeak.c/s=351	Qual=00	FePeak=04:29			
BCS	04:29				WaveLength=2788A		Exp #=84898			
FCS	04:12									
UVSP	04:12									

Event # = 10501  
 89/03/02,06:19 DOY=61 SMM Pointing: N57W00 Pitch=-875",Yaw=+0",Roll=0deg H.Ang=64deg  
 Start Peak 06:28  
 GOES 06:12 06:19 06:28 Importance=M1 Qual=03  
 HXRBS 06:13:37 06:14:40 06:20:26 Peak...c/s=661 Qual=01 MaxkeV=231 Flags=M5  
 UVSP .05:58 Wavelength=2788A Code=00 Rast=243"x21" Step=3" Pitch=-868",Yaw=+13"  
 Radio Sweeps Type/Intensity: III/1  
 Radio Frequency(MHz)/Flux(sfu): 1415/75 2695/15 4995/36 8800/30

Event # = 10502  
 89/03/02,08:01 DOY=61 SMM Pointing: N34W00 Pitch=-634",Yaw=+2",Roll=0deg H.Ang=41deg  
 Start Peak 08:01:23 08:01:53  
 GOES 08:00:58 08:01:23 08:01:53 Peak...c/s=46 Qual=00  
 HXRBS 07:33 Wavelength=2788A Code=00 Tot Cts=532 MaxkeV=144  
 UVSP 07:33 Exp #=84900 Rast=243"x21" Step=3" Pitch=-628",Yaw=+13"

Event # = 10503  
 89/03/02,08:58 DOY=61 SMM Pointing: N17W00 Pitch=-397",Yaw=+0",Roll=0deg H.Ang=24deg  
 Start Peak 08:58 09:26 Ha...Class=1N N18W07 Carr. Lon.=40deg H.Ang=26deg  
 Optical 08:00 08:58 09:26 Importance=M2 Qual=05  
 GOES 09:10:07 09:10:42 09:11:40 Peak...c/s=85 Qual=01 Tot Cts=1960 #Peaks=1 dt= 7.7s XEN=906102  
 HXRBS 09:27 09:27 09:35 CaPeak.c/s=19 Qual= 6 FePeak=09:27 Rast=0"x0" Cad=1.02s 1.024s/pixel  
 FCS 09:27 09:27 09:35 Wavelength=2788A Exp #=84901 Step=3" Pitch=-388",Yaw=+13"  
 UVSP 09:08 Type/Intensity: III/1  
 Radio Sweeps

Event # = 22513  
 89/03/02,15:04 DOY=61 SMM Pointing: N14W84 Pitch=+86",Yaw=-964",Roll=-20deg H.Ang=86deg  
 Start Peak 15:04 15:58 CaPeak.c/s=26 Qual=04 FePeak=15:04 dt= 7.7s XEN=906103  
 GOES 15:04 15:04 15:58 Wavelength=1375A Exp #=84907 Step=5" Pitch=+94",Yaw=-951"  
 BCS 15:04 15:04 15:58 FePeak.c/s=8 #Peaks=1 Cad=1.02s 1.024s/pixel  
 FCS 15:04 15:04 15:58 Rast=265"x265" Rast=265"x265" Step=5"  
 UVSP 15:03

Event # = 10504  
 89/03/02,18:47 DOY=61 SMM Pointing: N14W84 Pitch=+86",Yaw=-964",Roll=-20deg H.Ang=86deg  
 Start Peak 18:30 18:47 19:04 Importance=C9 Qual=03  
 GOES 18:30 18:47 19:04 Peak...c/s=53 Qual=01 MaxkeV=102 dt=11.3s XEN=906104  
 HXRBS 18:37:34 18:39:43 18:41:54 CaPeak.c/s=403 Qual= 1 FePeak.c/s=43 Cad=1.02s 1.024s/pixel  
 BCS 18:32 18:49 19:04 Wavelength=1375A Code=02 Rast=0"x0" Step=0" Pitch=+94",Yaw=-951"  
 FCS 18:47 Type/Intensity: III/1  
 UVSP 18:47 Exp #=84925

Event # = 22514  
 89/03/02,22:51 DOY=61 SMM Pointing: N14W84 Pitch=+86",Yaw=-964",Roll=-20deg H.Ang=86deg  
 Start Peak 22:50 22:51 22:56 CaPeak.c/s=41 Qual=04 FePeak=22:51 dt= 7.7s XEN=906105  
 GOES 22:50 22:51 22:56 Wavelength=1375A Exp #=84942 Step=5" Pitch=+94",Yaw=-951"  
 BCS 22:50 22:51 22:56 FePeak.c/s=16 #Peaks=1 Cad=1.02s 1.024s/pixel  
 FCS 22:50 22:51 22:56 Rast=265"x265" Rast=265"x265" Step=5"  
 UVSP 22:50

89/03/03 DOY=62

Event # = 10505  
89/03/03,00:13 Start Peak DOY=62

Optical  
 GOES 00:04 00:13 00:35 End times  
 HXRBS 00:22:10 00:22:45 00:23:25  
 BCS 00:21 00:42 00:55  
 UVSP 00:15  
 Ha...Class=SF N21E31  
 Importance=C3 AR5385  
 Peak...c/s=66 Qual=01  
 CaPeak.c/s=78 Qual=1  
 Wavelength=2788A Code=02 Exp #=84949  
 Mac.=DAO Carr. Lon.=353deg H. Ang=42deg  
 MaxkeV=187 #Peaks=2 dt= 7.7s XEN=906200  
 FePeak.c/s=16 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel  
 Rast=180"x1" Pitch=+221",Yaw=-779"

Event # = 22515  
89/03/03,00:42 Start Peak DOY=62

GOES 00:39 00:42 00:48 End times  
 BCS 00:47  
 UVSP 01:09  
 Qual=01  
 CaPeak.c/s=76 FePeak=00:41  
 Peak3..c/s=12  
 Wavelength=2788A Exp #=84950  
 FePeak.c/s=16 dt= 7.7s XEN=906203  
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel  
 Rast=180"x1" Pitch=+221",Yaw=-779"

Event # = 10506  
89/03/03,07:16 Start Peak DOY=62

GOES 07:02:26 07:07:34 07:22:30 End times  
 HXRBS 07:03 07:16 07:31  
 BCS  
 FCS  
 UVSP 07:07  
 Qual=06  
 Peak...c/s=233  
 CaPeak.c/s=1005  
 Wavelength=1375A  
 Tot Cts=39560  
 FePeak=07:11  
 Exp #=84963  
 MaxkeV=187 #Peaks=1 dt= 7.7s XEN=906201  
 FePeak.c/s=331 Step=10" Cad= 590s 1.024s/pixel  
 Rast=240"x240" Step=0" Pitch=-15",Yaw=-973"  
 Rast=10"x10"

Event # = 10507  
89/03/03,08:24 Start Peak DOY=62

Optical  
 GOES 08:24:19 08:24:34 08:56:20 End times  
 HXRBS 08:12  
 UVSP 08:12  
 SMM Pointing: N18W24  
 Ha...Class=IN  
 Peak...c/s=65  
 Wavelength=1375A  
 Tot Cts=20992  
 Exp #=84968  
 MaxkeV=144  
 Rast=10"x10" Pitch=-227",Yaw=-502"  
 Carr. Lon.=110deg H. Ang=92deg  
 Flags=SA  
 Step=0"

Event # = 22516  
89/03/03,18:12 Start Peak DOY=62

Optical  
 GOES 17:55 18:12 18:23 End times  
 BCS 18:01 18:08 18:19  
 FCS  
 UVSP 18:16  
 Ha...Class=SF N12W39  
 Importance=C2 AR5377  
 CaPeak.c/s=36 Qual=03  
 Wavelength=2788A Code=02 Exp #=84988  
 Mac.=CAO Carr. Lon.=53deg H. Ang=43deg  
 FePeak.c/s=18 dt= 7.7s XEN=906202  
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel  
 Rast=180"x1" Pitch=-86",Yaw=-375"

Event # = 10508  
89/03/04,05:01 Start Peak DOY=63

Optical  
 GOES 04:52 05:01 05:10 End times  
 HXRBS 04:54:44 04:55:31 04:57:28  
 UVSP 04:26  
 Radio Sweeps Type/Intensity:  
 Radio Frequency (MHz)/Flux(sfu): 1415/24 2695/30 4995/21  
 SMM Pointing: N18W35  
 Ha...Class=IB  
 Importance=C6 AR5388  
 Peak...c/s=100 Qual=01  
 Wavelength=1375A Code=00  
 III/3  
 Tot Cts=3728  
 Exp #=85002  
 Mac.=AXX Carr. Lon.=335deg H. Ang=35deg  
 MaxkeV=144  
 Rast=70"x70" Step=5" Pitch=-520",Yaw=+404"  
 Pitch=-527",Yaw=+392",Roll=90deg H. Ang=43deg



HXRBS	10:32:42	10:33:29	10:33:42	Peak...c/s=40	Associated Event # = 10513	MaxkeV=102			
UVSP	09:59			Wavelength=2788A	Qual=01	Rast=243"x243"	Step=3"	Pitch=-95"	Yaw=-786"
Event # = 10515									
89/03/05	14:41	DOY=64	Peak	SMM Pointing:	N24W02	Pitch=-461"	Yaw=-200"	Roll=-20deg	H. Ang=31deg
GOES									
HXRBS	14:41:09	14:41:33	14:41:45	Peak...c/s=48	Qual=00	MaxkeV=102			
UVSP	14:30			Wavelength=2788A	Qual=01	Rast=180"x1"	Step=0"	Pitch=-327"	Yaw=-15"
Radio				Frequency(MHz)/Flux(sfu):	15400/1				
Event # = 10517									
89/03/05	16:31	DOY=64	Peak	SMM Pointing:	N24W03	Pitch=-457"	Yaw=-213"	Roll=-20deg	H. Ang=31deg
GOES									
HXRBS	16:31:03	16:31:13	16:31:23	Peak...c/s=52	Qual=00	MaxkeV=144			
UVSP	16:57			Wavelength=2788A	Qual=01	Rast=180"x1"	Step=0"	Pitch=-320"	Yaw=-34"
Radio				Frequency(MHz)/Flux(sfu):	245/2100 410/360 15400/77				
Event # = 11092									
89/03/05	18:36	DOY=64	Peak	SMM Pointing:	N24W04	Pitch=-452"	Yaw=-225"	Roll=-20deg	H. Ang=31deg
GOES									
HXRBS	18:25:44	18:33:10	18:34:51	Importance=C4	Qual=03	MaxkeV=144	Flags=I		
UVSP	18:30			Peak...c/s=96	Qual=01	Rast=180"x1"	Step=0"	Pitch=-316"	Yaw=-46"
Radio				Wavelength=2788A	Code=00				
Radio Sweeps				Type/Intensity:					
Radio				Frequency(MHz)/Flux(sfu):	245/92 4995/59 8800/75 15400/79				
Event # = 10519									
89/03/05	19:24	DOY=64	Peak	SMM Pointing:	N24W05	Pitch=-448"	Yaw=-237"	Roll=-20deg	H. Ang=32deg
GOES									
HXRBS	19:11	19:24	19:31	Importance=C8	Qual=01	MaxkeV=144	Flags=SG		
UVSP	19:15:03	19:18:53	19:23:11	Peak...c/s=260	Qual=02	Rast=180"x1"	Step=0"	Pitch=-314"	Yaw=-51"
Radio				Wavelength=2788A	Code=00				
Radio Sweeps				Type/Intensity:					
Radio				Frequency(MHz)/Flux(sfu):	245/120 410/700				
Event # = 10520									
89/03/05	19:53	DOY=64	Peak	SMM Pointing:	N24W05	Pitch=-448"	Yaw=-237"	Roll=-20deg	H. Ang=32deg
Optical									
GOES	19:44	19:53	20:04	Ha...Class=SF	S33E73	MaxkeV=144	Carr. Lon.=274deg		H. Ang=72deg
HXRBS	19:44:21	19:51:03	19:59:01	Importance=C8	Qual=01	Rast=180"x1"	Step=0"	Pitch=-311"	Yaw=-58"
UVSP	20:04			Peak...c/s=207	Qual=01				
Radio				Wavelength=2788A	Code=00				
Radio Sweeps				Type/Intensity:					
Radio				Frequency(MHz)/Flux(sfu):	245/240				
Event # = 10521									
89/03/05	20:50	DOY=64	Peak	SMM Pointing:	N24W05	Pitch=-443"	Yaw=-249"	Roll=-20deg	H. Ang=32deg
Optical									
Optical									
GOES	20:43	20:50	20:53	Ha...Class=SN	N26E90	MaxkeV=102	Carr. Lon.=257deg		H. Ang=93deg
HXRBS	20:48:22	20:49:20	20:50:24	Code=BSL	N28E90	Rast=180"x1"	Carr. Lon.=257deg		H. Ang=93deg
UVSP	20:43			Importance=C6	Qual=04				
Radio				Peak...c/s=99	Qual=01				
Radio Sweeps				Wavelength=2788A	Code=00				
Radio				Type/Intensity:					
Radio				Frequency(MHz)/Flux(sfu):	245/240				



----- Associated Event # = 10522 -----  
 HXRBS 20:53:36 20:54:05 20:54:30 Peak...c/s=52 Qual=01 Tot Cts=499 MaxkeV=102

Event # = 10523  
 89/03/05,20:59 Start DOY=64 Peak SMM Pointing: N24W05 Pitch=-443",Yaw=-249",Roll=-20deg H.Ang=32deg  
 End times  
 GOES 20:59:19 20:59:28 20:59:41 Peak...c/s=39 Qual=00 MaxkeV=102  
 HXRBS 20:43 UVSP 20:43 Wavelength=2788A Qual=01 Exp #=85088 Rast=180"x1" Step=0" Pitch=-309",Yaw=-63"

Event # = 10524  
 89/03/05,21:05 Start DOY=64 Peak SMM Pointing: N24W05 Pitch=-443",Yaw=-249",Roll=-20deg H.Ang=32deg  
 End times Carr. Lon.=256deg H.Ang=93deg  
 Optical 21:01 21:05 21:07 Ha...Class=SN N26E90 AR5395  
 GOES 21:01:48 21:03:23 21:04:35 Importance=C5 Qual=01 MaxkeV=144  
 HXRBS 20:43 UVSP 20:43 Wavelength=2788A Code=01 Exp #=85088 Rast=180"x1" Step=0" Pitch=-309",Yaw=-63"

Event # = 10525  
 89/03/05,21:17 Start DOY=64 Peak SMM Pointing: N24W05 Pitch=-443",Yaw=-249",Roll=-20deg H.Ang=32deg  
 End times  
 GOES 21:12 21:17 21:29 Importance=C7 Qual=01 MaxkeV=144  
 HXRBS 21:11:00 21:15:18 21:22:53 Peak...c/s=195 Qual=01 Rast=180"x1" Step=0" Pitch=-307",Yaw=-70"  
 UVSP 21:37 Wavelength=2788A Exp #=85089  
 Radio Frequency(MHz)/Flux(sfu): 245/2400 410/140

Event # = 10534  
 89/03/05,21:36 Start DOY=64 Peak SMM Pointing: N24W05 Pitch=-443",Yaw=-249",Roll=-20deg H.Ang=32deg  
 End times  
 GOES 21:32 21:36 21:48 Importance=M2 Qual=01 MaxkeV=231  
 HXRBS 21:32:24 21:33:34 21:37:44 Peak...c/s=838 Qual=01 Rast=180"x1" Step=0" Pitch=-307",Yaw=-70"  
 UVSP 21:37 Wavelength=2788A Code=02 Exp #=85089  
 Radio Sweeps Type/Intensity:  
 Radio Frequency(MHz)/Flux(sfu): 245/160 410/170 606/120

Event # = 11093  
 89/03/05,22:27 Start DOY=64 Peak SMM Pointing: N24W06 Pitch=-438",Yaw=-261",Roll=-20deg H.Ang=32deg  
 End times  
 GOES 22:27:00 22:27:38 22:27:51 Peak...c/s=42 Qual=01 MaxkeV=102  
 HXRBS 22:16 UVSP 22:16 Wavelength=2788A Qual=01 Exp #=85090 Rast=180"x1" Step=0" Pitch=-305",Yaw=-75"

Event # = 11094  
 89/03/05,22:57 Start DOY=64 Peak SMM Pointing: N24W06 Pitch=-438",Yaw=-261",Roll=-20deg H.Ang=32deg  
 End times  
 GOES 22:57:22 22:57:34 22:57:46 Peak...c/s=56 Qual=01 MaxkeV=102  
 HXRBS 23:11 UVSP 23:11 Wavelength=2788A Qual=01 Exp #=85091 Rast=180"x1" Step=0" Pitch=-302",Yaw=-83"

Event # = 11095  
 89/03/05,23:16 Start DOY=64 Peak SMM Pointing: N24W06 Pitch=-438",Yaw=-261",Roll=-20deg H.Ang=32deg  
 End times  
 GOES 23:12 23:16 23:19 Importance=C5 Qual=01 MaxkeV=102  
 HXRBS 23:12:30 23:14:40 23:15:09 Peak...c/s=57 Qual=01 Rast=180"x1" Step=0" Pitch=-302",Yaw=-83"  
 UVSP 23:11 Wavelength=2788A Code=00 Exp #=85091

Event # = 11096			89/03/05,23:56 DOY=64			Pitch=-434", Yaw=-273", Roll=-20deg			H.Ang=32deg		
Optical	Start	End times	SMM Pointing:	N24W07	AR5379	Carr. Lon.=46deg	H.Ang=60deg				
GOES	23:52	00:12	Ha...Class=SF	S20W61							
HXRBS	23:55:07	23:58:01	Importance=C5	Qual=05							
UVSP	23:50		Peak...c/s=62	Qual=01	Tot Cts=1268	MaxkeV=102					
			Wavelength=2788A	Code=00	Exp #=85092	Rast=180"x1"	Pitch=-300", Yaw=-87"				
89/03/06 DOY=65											
Event # = 10527			89/03/06,00:21 DOY=65			Pitch=-434", Yaw=-273", Roll=-20deg			H.Ang=32deg		
Optical	Start	End times	SMM Pointing:	N24W07	AR5395						
GOES	00:17	00:24	Ha...Class=IN	N27E90		Mac.=EKC					
HXRBS	00:17:39	00:20:47	Importance=C5	Qual=01							
UVSP	00:43		Peak...c/s=51	Qual=01	Tot Cts=848	MaxkeV=102	H.Ang=93deg				
			Wavelength=2788A	Code=00	Exp #=85093	Rast=180"x1"	Pitch=-297", Yaw=-94"				
			Associated	Event # = 10526		MaxkeV=102					
			Peak...c/s=51	Qual=01	Tot Cts=711	Rast=180"x1"	Pitch=-300", Yaw=-87"				
			Wavelength=2788A	Code=00	Exp #=85092						
Event # = 10528											
89/03/06,00:24 DOY=65			Pitch=-434", Yaw=-273", Roll=-20deg			H.Ang=32deg					
Optical	Start	End times	SMM Pointing:	N24W07	AR5395						
GOES	00:24	00:25:15	Ha...Class=IN	Qual=00		Mac.=EKC					
HXRBS	00:24:04	00:25:15	Importance=C5	Qual=01	Tot Cts=213	MaxkeV=102					
UVSP	00:43		Peak...c/s=45	Qual=01	Exp #=85093	Rast=180"x1"	Pitch=-297", Yaw=-94"				
			Wavelength=2788A	Code=00							
Event # = 10529											
89/03/06,00:39 DOY=65			Pitch=-434", Yaw=-273", Roll=-20deg			H.Ang=32deg					
Optical	Start	End times	SMM Pointing:	N24W07	AR5395						
GOES	00:34	00:43	Importance=C7	Qual=03							
HXRBS	00:34:54	00:37:38	Peak...c/s=230	Qual=01	Tot Cts=8891	MaxkeV=144					
UVSP	00:43		Wavelength=2788A	Code=02	Exp #=85093	Rast=180"x1"	Pitch=-297", Yaw=-94"				
Radio	Frequency(MHz)/Flux(sfu): 4995/18 8800/40 15400/63										
Event # = 10530											
89/03/06,00:45 DOY=65			Pitch=-434", Yaw=-273", Roll=-20deg			H.Ang=32deg					
Optical	Start	End times	SMM Pointing:	N24W07	AR5395						
GOES	00:45:26	00:46:03	Ha...Class=SF	Qual=00							
HXRBS	00:45:26	00:46:03	Importance=C5	Qual=01	Tot Cts=158	MaxkeV=102					
UVSP	00:43		Peak...c/s=44	Qual=01	Exp #=85093	Rast=180"x1"	Pitch=-297", Yaw=-94"				
			Wavelength=2788A	Code=00							
Event # = 10531											
89/03/06,00:49 DOY=65			Pitch=-434", Yaw=-273", Roll=-20deg			H.Ang=32deg					
Optical	Start	End times	SMM Pointing:	N24W07	AR5395						
GOES	00:48:02	00:50:05	Ha...Class=IN	Qual=00							
HXRBS	00:48:02	00:50:05	Importance=C5	Qual=01	Tot Cts=924	MaxkeV=102					
UVSP	00:43		Peak...c/s=71	Qual=01	Exp #=85093	Rast=180"x1"	Pitch=-297", Yaw=-94"				
			Wavelength=2788A	Code=00							

Event # = 10532  
89/03/06,00:57 DOY=65 Pitch=-434", Yaw=-273", Roll=-20deg H. Ang=32deg  
Start Peak  
Optical N24W07 Carr. Lon.=266deg H. Ang=83deg  
GOES 00:52 00:57 01:23 Ha...Class=2N N29E78 AR5395  
HXRB 00:51:43 00:52:54 00:53:20 Importance=M3 Qual=02  
UVSP 00:43 00:52:54 00:53:20 Peak...c/s=63 Qual=01  
Radio Sweeps Type/Intensity: III/3 Tot Cts=1089  
Radio Frequency (MHz)/Flux(sfu): 8800/42 15400/200 Code=01 Exp #=85093  
MaxkeV=102 Pitch=-297", Yaw=-94"  
Rast=180"x1"

Event # = 10533  
89/03/06,01:38 DOY=65 Pitch=-434", Yaw=-273", Roll=-20deg H. Ang=32deg  
Start Peak  
Optical N24W07 Carr. Lon.=264deg H. Ang=85deg  
GOES 01:37:48 01:38:45 01:39:22 Code=BLS N29E80  
HXRB 01:37:48 01:38:45 01:39:22 Peak...c/s=50 Qual=00  
UVSP 01:24 01:38:45 01:39:22 WaveLength=2788A Exp #=85094  
MaxkeV=102 Pitch=-295", Yaw=-99"  
Rast=180"x1" Step=0

Event # = 11105  
89/03/06,03:23 DOY=65 Pitch=-738", Yaw=+623", Roll=-20deg H. Ang=85deg  
Start Peak  
GOES 03:11 03:23 03:38 Importance=M3 Qual=01  
HXRB 03:12:07 03:18:36 03:25:44 Peak...c/s=517 Qual=01  
BCS 03:12 03:21 03:36 CaPeak.c/s=1729 Qual=1  
FCS WaveLength=2788A Code=01 Exp #=85096  
UVSP 02:57 03:33:51 03:34:17 WaveLength=2788A  
Radio Sweeps Type/Intensity: III/2  
Radio Frequency (MHz)/Flux(sfu): 4995/30 8800/24 15400/51 Associated  
HXRB 03:33:16 03:33:51 03:34:17 Peak...c/s=126 Qual=01  
UVSP 03:52 03:38:43 03:38:56 Peak...c/s=76 Associated  
HXRB 03:38:36 03:38:43 03:38:56 CaPeak.c/s=84 Qual=01  
BCS 03:36 03:40 04:01 Peak3...c/s=17 Qual=4  
FCS WaveLength=2788A  
UVSP 03:52 03:45:56 03:46:28 03:46:57 WaveLength=2788A Exp #=85097  
Type/Intensity: III/2

Event # = 11106  
89/03/06,03:46 DOY=65 Pitch=-738", Yaw=+623", Roll=-20deg H. Ang=85deg  
Start Peak  
Optical N29E81  
GOES 03:58 03:59 04:29 Ha...Class=SF N28E77 AR5395  
HXRB 03:59:01 03:59:32 04:00:12 Importance=C3 Qual=01  
UVSP 03:52 03:59:01 03:59:32 Peak...c/s=35 Qual=01  
WaveLength=2788A Code=00 Exp #=85097  
MaxkeV=102 Pitch=-603", Yaw=+553"  
Rast=180"x1" Step=0

Event # = 11107  
89/03/06,03:59 DOY=65 Pitch=-738", Yaw=+623", Roll=-20deg H. Ang=85deg  
Start Peak  
GOES 03:58 03:59 04:29 Ha...Class=SF N28E77 AR5395  
HXRB 03:59:01 03:59:32 04:00:12 Importance=C3 Qual=01  
UVSP 03:52 03:59:01 03:59:32 Peak...c/s=35 Qual=01  
WaveLength=2788A Code=00 Exp #=85097  
MaxkeV=102 Pitch=-603", Yaw=+553"  
Rast=180"x1" Step=0

Event # = 11108  
89/03/06,03:59 DOY=65 Pitch=-738", Yaw=+623", Roll=-20deg H. Ang=85deg  
Start Peak  
GOES 03:58 03:59 04:29 Ha...Class=SF N28E77 AR5395  
HXRB 03:59:01 03:59:32 04:00:12 Importance=C3 Qual=01  
UVSP 03:52 03:59:01 03:59:32 Peak...c/s=35 Qual=01  
WaveLength=2788A Code=00 Exp #=85097  
MaxkeV=102 Pitch=-603", Yaw=+553"  
Rast=180"x1" Step=0

Event # = 11109  
89/03/06,03:59 DOY=65 Pitch=-738", Yaw=+623", Roll=-20deg H. Ang=85deg  
Start Peak  
GOES 03:58 03:59 04:29 Ha...Class=SF N28E77 AR5395  
HXRB 03:59:01 03:59:32 04:00:12 Importance=C3 Qual=01  
UVSP 03:52 03:59:01 03:59:32 Peak...c/s=35 Qual=01  
WaveLength=2788A Code=00 Exp #=85097  
MaxkeV=102 Pitch=-603", Yaw=+553"  
Rast=180"x1" Step=0

Event # = 11112												
89/03/06,04:55	DOY=65	Peak									Pitch=+831", Yaw=+480", Roll=90deg	H. Ang=82deg
GOES	04:40	04:55	05:20	End times								
HXRBS	04:53:29	04:53:37	04:54:10		Importance=C3	Qual=01	Tot Cts=183	Flags=I				
BCS	04:44	04:56	05:33		Peak...c/s=49	Qual=01	FePeak=04:54	#Peaks=1	dt= 7.7s	XEN=906502		
FCS					CaPeak.c/s=179	Qual= 4		Step=15"	Cad= 459s	1.024s/pixel		
UVSP	04:54				Wavelength=1375A	Code=00	Exp #=85102	Step=0"	Pitch=+827"	Yaw=+491"		
HXRBS	04:51:36	04:51:45	04:52:03		Associated		Event # = 11111	Flags=I				
UVSP	04:41				Peak...c/s=50	Qual=01	Tot Cts=170	Step=0"	Pitch=+827"	Yaw=+491"		
					Wavelength=1375A		Exp #=85100					
Event # = 11113												
89/03/06,06:33	DOY=65	Peak										
Optical	05:58	06:33	06:58	End times	SMM Pointing:						Pitch=-738", Yaw=+631", Roll=-20deg	
Optical					Ha...Class=SF	N28E75	AR5395	Carr. Lon.=266deg			H. Ang=80deg	
GOES	06:18:37	06:20:35	06:38:13		Ha...Class=SF	S21W67	AR5379	Carr. Lon.=48deg			H. Ang=66deg	
HXRBS	06:20	06:33	07:07		Importance=M1	Qual=05						
BCS					Peak...c/s=112	Qual=02	Tot Cts=9400	Flags=I,SA				
FCS					CaPeak.c/s=335	Qual= 1	FePeak=06:22	#Peaks=1	dt= 7.7s	XEN=906503		
UVSP	06:28				Wavelength=1375A	Code=00	Exp #=85111	Step=10"x10"	Pitch=-748"	Yaw=+589"		
Radio Sweeps					III/3							
Radio	06:40:49	06:41:15	06:41:31		245/230 410/520 606/42 1415/23 2695/19 8800/160 15400/130		Event # = 11114	MaxkeV=102				
HXRBS	06:44:16	06:44:17	06:45:26		Associated	Qual=01	Tot Cts=110	Flags=I				
UVSP	06:41				Peak...c/s=38		Event # = 11115	MaxkeV=102				
					Wavelength=1375A		Tot Cts=383	Step=10"x10"	Pitch=-738"	Yaw=+599"		
Event # = 11116												
89/03/06,06:54	DOY=65	Peak										
GOES	06:54:29	06:54:38	06:54:46	End times	SMM Pointing:						Pitch=-738", Yaw=+631", Roll=-20deg	
HXRBS	06:54:29	06:54:38	06:54:46		Qual=06			Flags=I				
UVSP	06:41				Peak...c/s=104	Qual=01	Tot Cts=232	Step=0"				
					Wavelength=1375A		Exp #=85113	Step=0"	Pitch=-738"	Yaw=+599"		
Event # = 11117												
89/03/06,06:59	DOY=65	Peak										
GOES	06:59:14	06:59:20	06:59:29	End times	SMM Pointing:							
HXRBS	06:59:14	06:59:20	06:59:29		Qual=06			Flags=I				
UVSP	06:55				Peak...c/s=76	Qual=01	Tot Cts=191	Step=0"				
					Wavelength=1375A		Exp #=85115	Step=0"	Pitch=-748"	Yaw=+589"		
Event # = 22517												
89/03/06,08:31	DOY=65	Peak										
GOES	07:58	08:31	08:40	End times	SMM Pointing:							
BCS					Qual=00			Flags=I				
FCS					Qual= 4			Step=0"				
UVSP	08:29				CaPeak.c/s=26		FePeak=08:35	Step=0"				
					Wavelength=1375A		Exp #=85124	Step=0"				

Event # = 22518																					
89/03/06	09:33	DOY=65	Peak	End times																	
GOES	09:33	09:33	09:40	CaPeak.c/s=22	Wave length=2788A	Qual=05	FePeak=09:33	Exp #=85125	FePeak.c/s=6	Rast=240"x240"	Rast=243"x243"	#Peaks=1	Step=10"	Step=3"	dt= 7.7s	XEN=906505	Cad= 590s	1.024s/pixel	Pitch=-730"	Yaw=+636"	
BCS						Qual= 4															
FCS																					
UVSP	09:20																				
Event # = 22519																					
89/03/06	09:45	DOY=65	Peak	End times																	
GOES	09:44	09:45	09:47	CaPeak.c/s=22	Wave length=2788A	Qual=01	FePeak=09:45	Exp #=85125	FePeak.c/s=6	Rast=115"x115"	Rast=243"x243"	#Peaks=1	Step=5"	Step=3"	dt= 7.7s	XEN=906506	Cad=1083s	2.048s/pixel	Pitch=-730"	Yaw=+636"	
BCS						Qual= 4															
FCS																					
UVSP	09:20																				
Event # = 10535																					
89/03/06	09:56	DOY=65	Peak	End times																	
GOES	09:56:41	09:56:57	09:57:09	Peak...c/s=65	Wave length=2788A	Qual=01	Tot Cts=358	Exp #=85125	MaxkeV=102	Rast=243"x243"		Step=3"			Pitch=-730"	Yaw=+636"					
HXRBS						Qual=01															
UVSP	09:20																				
Event # = 10536																					
89/03/06	10:12	DOY=65	Peak	End times																	
GOES	10:10:12	10:10:38	10:11:23	Peak...c/s=61		Qual=00	Tot Cts=564	FePeak=10:11	MaxkeV=102	FePeak.c/s=13	Rast=115"x115"	#Peaks=2	Step=5"	Step=0"	dt= 3.8s	XEN=906507	Cad=1083s	2.048s/pixel	Pitch=-603"	Yaw=+553"	
HXRBS						Qual=01															
BCS	09:54	10:12	10:14	CaPeak.c/s=70		Qual= 2															
FCS																					
UVSP	10:07			Wave length=2788A			Exp #=85126														
Radio Sweeps				Type/intensity:																	
Radio Frequency (MHz)/Flux(sfu)				111/3																	
				410/200																	
HXRBS	10:12:03	10:13:09	10:13:38	Peak...c/s=63			Associated Event # = 10537														
							Qual=01	Tot Cts=515	MaxkeV=102												
Event # = 22520																					
89/03/06	11:18	DOY=65	Peak	End times																	
GOES	11:15	11:18	11:29	CaPeak.c/s=27	Wave length=2788A	Qual=01	FePeak=11:19	Exp #=85128	FePeak.c/s=7	Rast=0"x0"	Rast=180"x1"	#Peaks=1	Step=0"	Step=0"	dt= 7.7s	XEN=906508	Cad=1.02s	1.024s/pixel	Pitch=-603"	Yaw=+553"	
BCS						Qual= 1															
FCS																					
UVSP	11:38																				
Event # = 11118																					
89/03/06	11:42	DOY=65	Peak	End times																	
GOES	11:34	11:42	11:46	Importance=C8		Qual=01	Tot Cts=24600	FePeak=11:41	MaxkeV=231	FePeak.c/s=102	Rast=420"x240"	Flags=1	#Peaks=1	Step=15"	dt= 7.7s	XEN=906509	Cad= 459s	1.024s/pixel	Pitch=-603"	Yaw=+553"	
HXRBS	11:33:33	11:34:37	11:43:36	CaPeak.c/s=414		Qual= 1															
BCS	11:34	11:42	11:47																		
FCS																					
UVSP	11:38			Wave length=2788A		Code=00	Exp #=85128														
Radio Frequency (MHz)/Flux(sfu)				245/1600																	



Associated Event # = 22522  
 Qual = 5  
 FePeak = 17:13  
 dt = 7.7s  
 XEN = 906514  
 #Peaks = 1  
 Step = 10"

BCS 17:02 17:03 18:01  
 FCS  
 UVSP 16:53  
 CaPeak.c/s=507  
 Wavelength=2788A  
 Exp # = 85135  
 Rast = 240" x 240"  
 Rast = 180" x 1"  
 Pitch = -603", Yaw = +553"

Event # = 12772  
 89/03/06, 16:51 DOY=65  
 Start Peak  
 End times  
 HXRBS 16:51:29 16:51:31 16:51:35  
 UVSP 16:53  
 Peak...c/s=60  
 Wavelength=2788A  
 Qual=01  
 Tot Cts=63  
 Exp # = 85135  
 MaxkeV=856  
 Rast=180" x 1"  
 Pitch=-603", Yaw=+553"

Event # = 11102  
 89/03/06, 20:53 DOY=65  
 Start Peak  
 End times  
 GOES 20:46:16 20:46:28 20:46:47  
 HXRBS 20:09 20:53 21:04  
 BCS  
 FCS  
 UVSP 21:01  
 Peak...c/s=98  
 CaPeak.c/s=298  
 Wavelength=2788A  
 Qual=00  
 Tot Cts=833  
 FePeak=20:52  
 Exp # = 85140  
 Event # = 11103  
 Tot Cts=1990  
 Associated  
 Qual=01  
 HXRBS 20:49:30 20:49:57 20:53:36  
 UVSP 20:48:53 20:48:58 20:49:04  
 Peak...c/s=74  
 Peak...c/s=59  
 Qual=01  
 Tot Cts=88  
 MaxkeV=102  
 MaxkeV=102  
 FePeak.c/s=65  
 Rast=240" x 240"  
 Rast=180" x 1"  
 dt = 7.7s  
 XEN=906516  
 #Peaks=1  
 Step=10"  
 Pitch=-603", Yaw=+553"

Event # = 10548  
 89/03/06, 22:23 DOY=65  
 Start Peak  
 End times  
 Optical  
 GOES 22:15:41 22:16:23 22:23:38  
 HXRBS 21:44 22:23 22:37  
 BCS  
 FCS  
 UVSP 22:33  
 Peak...c/s=48  
 CaPeak.c/s=282  
 Peak3...c/s=771  
 Wavelength=2788A  
 Associated  
 Qual=01  
 HXRBS 22:26:10 22:26:27 22:27:03  
 Peak...c/s=75  
 Qual=01  
 Tot Cts=479  
 MaxkeV=102  
 FePeak.c/s=51  
 Rast=180" x 180"  
 Rast=180" x 1"  
 dt = 7.7s  
 XEN=906517  
 #Peaks=2  
 Step=10"  
 Pitch=-603", Yaw=+553"

Event # = 10550  
 89/03/06, 23:50 DOY=65  
 Start Peak  
 End times  
 Optical  
 GOES 23:49:26 23:50:06 23:55:53  
 HXRBS 23:41  
 UVSP 23:41  
 SMM Pointing:  
 Ha...Class=SF  
 Peak...c/s=154  
 Wavelength=1375A  
 Qual=01  
 Tot Cts=3226  
 Exp # = 85146  
 MaxkeV=187  
 Rast=130" x 130"  
 Step=5"  
 Pitch=-759", Yaw=+571"

Event # = 10551  
 89/03/06, 23:57 DOY=65  
 Start Peak  
 End times  
 Optical  
 GOES 23:57:17 23:57:50 23:57:58  
 HXRBS 23:54  
 UVSP 23:54  
 SMM Pointing:  
 Ha...Class=1F  
 Peak...c/s=67  
 Wavelength=1375A  
 Qual=01  
 Tot Cts=358  
 Exp # = 85147  
 MaxkeV=102  
 Rast=265" x 265"  
 Step=5"  
 Pitch=-771", Yaw=+583"

89/03/07 DOY=66

Event # = 10552  
 89/03/07 00:10 DOY=66  
 Start Peak End times SMM Pointing:  
 GOES  
 HXRBS 23:59:25 00:03:24 00:11:16 Peak...c/s=102  
 BCS 23:17 00:10 00:13 CaPeak.c/s=209  
 FCS  
 UVSP 00:09 Wavelength=1375A  
 Radio Frequency(MHz)/Flux(sfu): 245/1800 2695/16 4995/79 8800/140 15400/84  
 MaxkeV=187  
 FePeak.c/s=35 #Peaks=3 dt= 7.7s XEN=906518  
 Rast=0"x0" Step=0" Cad=3840s 3840s/pixel  
 Rast=265"x265" Step=5" Pitch=-771" ,Yaw=+583"  
 Pitch=-783" ,Yaw=+572" ,Roll=-20deg

Event # = 10553  
 89/03/07 00:49 DOY=66  
 Start Peak End times SMM Pointing:  
 GOES  
 HXRBS 00:49:27 00:49:47 00:50:07 Peak...c/s=46  
 UVSP 00:54 Wavelength=1375A  
 Qual=00  
 Qual=01  
 Tot Cts=161  
 Exp #=85151  
 MaxkeV=102  
 Rast=265"x265" Step=5" Pitch=-771" ,Yaw=+583"  
 Pitch=-783" ,Yaw=+572" ,Roll=-20deg

Event # = 10554  
 89/03/07 00:53 DOY=66  
 Start Peak End times SMM Pointing:  
 GOES  
 HXRBS 00:51:59 00:53:11 00:54:32 Peak...c/s=51  
 UVSP 00:54 Wavelength=1375A  
 Qual=00  
 Qual=01  
 Tot Cts=530  
 Exp #=85151  
 MaxkeV=102  
 Rast=265"x265" Step=5" Pitch=-771" ,Yaw=+583"  
 Pitch=-783" ,Yaw=+572" ,Roll=-20deg

Event # = 10555  
 89/03/07 01:04 DOY=66  
 Start Peak End times SMM Pointing:  
 GOES  
 HXRBS 01:04:09 01:04:34 01:05:16 Peak...c/s=56  
 UVSP 00:58 Wavelength=1375A  
 Qual=01  
 Qual=01  
 Tot Cts=248  
 Exp #=85152  
 MaxkeV=102  
 Rast=130"x130" Step=5" Pitch=-724" ,Yaw=+576"  
 Pitch=-783" ,Yaw=+572" ,Roll=-20deg

Event # = 10555  
 89/03/07 01:08 DOY=66  
 Start Peak End times SMM Pointing:  
 GOES  
 HXRBS 00:59:58 01:01:37 01:03:24 Peak...c/s=98  
 BCS 00:50 01:08 01:34 CaPeak.c/s=73  
 FCS 01:13 Peak3...c/s=283  
 UVSP 00:58 Wavelength=1375A  
 Radio Sweeps Type/Intensity: V/3  
 Qual=01  
 Qual=01  
 Qual= 1  
 Tot Cts=2491  
 FePeak=00:54  
 Exp #=85152  
 MaxkeV=144  
 FePeak.c/s=11 #Peaks=1 dt= 7.7s XEN=906600  
 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel  
 Rast=130"x130" Step=5" Pitch=-724" ,Yaw=+576"  
 Pitch=-783" ,Yaw=+572" ,Roll=-20deg

Event # = 22523  
 89/03/07 02:23 DOY=66  
 Start Peak End times  
 GOES  
 BCS 02:23 02:23 02:27 CaPeak.c/s=26  
 FCS 02:26 02:26 Peak3...c/s=195  
 UVSP 02:26 Wavelength=1375A  
 Radio Sweeps Type/Intensity: III/2  
 Radio Frequency(MHz)/Flux(sfu): 245/200  
 Qual=05  
 Qual= 5  
 FePeak=02:23  
 Exp #=85159  
 FePeak.c/s=9 #Peaks=1 dt= 7.7s XEN=906601  
 Rast=420"x240" Step=15" Cad= 459s 1.024s/pixel  
 Rast=265"x265" Step=5" Pitch=-771" ,Yaw=+583"



Event # = 10557  
89/03/07 03:02 Start DOY=66 Peak Pitch=-783",Yaw=+572",Roll=-20deg

SMM Pointing:  
Peak...c/s=847  
CaPeak.c/s=33  
Peak3..c/s=284  
Wavelength=1375A  
III/3  
15400/63

End times  
03:02:47  
03:06  
03:04

Qual=01  
Qual=01  
Qual=1

Tot Cts=16641  
FePeak=03:01  
Exp #=85163

Flags=M5  
#Peaks=1  
Step=10  
Step=5

dt= 7.7s  
Cad= 590s  
Pitch=-771",Yaw=+583"

XEN=906602  
1.024s/pixel  
1.024s/pixel

MaxkeV=320  
FePeak.c/s=10  
Rast=240"x240"  
Rast=265"x265"

Event # = 22524  
89/03/07 04:03 Start DOY=66 Peak

SMM Pointing:  
CaPeak.c/s=29  
Peak3..c/s=85  
Wavelength=1375A

End times  
04:11  
04:01

Qual=01  
Qual=5

FePeak=04:01  
Exp #=85168

#Peaks=1  
Step=15  
Step=5

dt= 7.7s  
Cad= 459s  
Pitch=-769",Yaw=+526"

XEN=906603  
1.024s/pixel  
1.024s/pixel

FePeak.c/s=9  
Rast=420"x240"  
Rast=130"x130"

Event # = 10558  
89/03/07 04:35 Start DOY=66 Peak Pitch=-783",Yaw=+572",Roll=-20deg

SMM Pointing:  
Peak...c/s=42  
CaPeak.c/s=33  
Peak3..c/s=120  
Wavelength=1375A

End times  
04:32:36  
04:39  
04:34

Qual=01  
Qual=01  
Qual=4

Tot Cts=579  
FePeak=04:33  
Exp #=85171

#Peaks=1  
Step=10  
Step=5

dt= 7.7s  
Cad= 590s  
Pitch=-771",Yaw=+583"

XEN=906604  
1.024s/pixel  
1.024s/pixel

MaxkeV=102  
FePeak.c/s=9  
Rast=240"x240"  
Rast=265"x265"

Event # = 10559  
89/03/07 05:51 Start DOY=66 Peak Pitch=-783",Yaw=+572",Roll=-20deg

SMM Pointing:  
Peak...c/s=163  
Wavelength=1375A

End times  
05:54:54  
05:50

Qual=00  
Qual=01

Tot Cts=13411  
Exp #=85177

Step=5  
Step=5

Pitch=-771",Yaw=+583"

MaxkeV=144  
Rast=265"x265"

Event # = 10560  
89/03/07 06:00 Start DOY=66 Peak Pitch=-783",Yaw=+572",Roll=-20deg

SMM Pointing:  
Ha...Class=1F  
Code=LPS  
Importance=M2  
Peak...c/s=42780  
CaPeak.c/s=782  
Peak3..c/s=662  
Wavelength=1375A  
Code=00  
245/1600 410/6600 606/9400 1415/1600 2695/320 4995/510 8800/950 15400/2400

End times  
09:18  
06:03:11  
05:58:00  
06:28  
05:59  
05:59

Qual=01  
Qual=03  
Qual=1

Tot Cts=5.43E+5  
FePeak=05:59  
Exp #=85178

Flags=M5,EG  
>10MeV=Y

Mac.=EKC  
Carr. Lon.=259deg  
Carr. Lon.=258deg

H. Ang=76deg  
H. Ang=78deg

Dur=60sec  
XEN=906605  
1.024s/pixel  
1.024s/pixel

MaxkeV=856  
FePeak.c/s=273  
Rast=240"x240"  
Rast=130"x130"  
4995/510 8800/950

Event # = 10561  
89/03/07 06:09 Start DOY=66 Peak Pitch=-783",Yaw=+572",Roll=-20deg

SMM Pointing:  
Peak...c/s=64  
Wavelength=1375A

End times  
06:11:20  
06:07

Qual=00  
Qual=01

Tot Cts=2063  
Exp #=85179

Step=5  
Step=5

Pitch=-771",Yaw=+583"

MaxkeV=102  
Rast=265"x265"

Event # = 10562		SMM Pointing:		Pitch=-783", Yaw=+572", Roll=-20deg	
89/03/07	06:24	DOY=66	Peak		
GOES	06:23:59	06:24:55	06:25:56		
HXRBS	06:23	06:24	06:25	Qual=02	
UVSP	06:23	06:24	06:25	Qual=01	
Radio Sweeps	Type/Intensity:		III/2	Peak...c/s=60 Wavelength=1375A	
		End times		Tot Cts=472 Exp #=85181	
				Rast=265"x265" Step=5" Pitch=-771", Yaw=+583"	
Event # = 10563		SMM Pointing:		Carr. Lon.=261deg H. Ang=75deg	
89/03/07	07:26	DOY=66	Peak		
Optical	Type/Intensity:		III/3	dt= 3.8s XEN=906606	
GOES	07:22:58	07:25:04	07:26:07	#Peaks=1	
HXRBS	07:24	07:26	07:35	Step=10" Cad= 590s	
BCS	07:24	07:26	07:35	Step=5" Pitch=-771", Yaw=+583"	
FCS	07:24	07:26	07:35		
UVSP	07:24	07:26	07:35		
Radio Sweeps	Type/Intensity:		III/3	Wavelength=1375A	
		End times		Exp #=85185	
				Rast=240"x240" Step=10" Cad= 590s	
				Rast=265"x265" Step=5" Pitch=-771", Yaw=+583"	
Event # = 10564		SMM Pointing:		Carr. Lon.=261deg H. Ang=75deg	
89/03/07	07:39	DOY=66	Peak		
Optical	Type/Intensity:		III/3	dt= 3.8s XEN=906606	
GOES	07:39:36	07:39:53	07:40:29	#Peaks=1	
HXRBS	07:39	07:40	07:44	Step=10" Cad= 590s	
BCS	07:39	07:40	07:44	Step=5" Pitch=-771", Yaw=+583"	
FCS	07:39	07:40	07:44		
UVSP	07:39	07:40	07:44		
Radio Sweeps	Type/Intensity:		III/3	Wavelength=1375A	
		End times		Exp #=85186	
				Rast=130"x130" Step=5" Pitch=-769", Yaw=+541"	
Event # = 10565		SMM Pointing:		Carr. Lon.=261deg H. Ang=75deg	
89/03/07	07:53	DOY=66	Peak		
Optical	Type/Intensity:		III/3	dt= 3.8s XEN=906606	
GOES	07:53:19	07:53:44	07:53:54	#Peaks=1	
HXRBS	07:53	07:54	07:56	Step=10" Cad= 590s	
BCS	07:53	07:54	07:56	Step=5" Pitch=-779", Yaw=+516"	
FCS	07:53	07:54	07:56		
UVSP	07:53	07:54	07:56		
Radio Sweeps	Type/Intensity:		III/3	Wavelength=1375A	
		End times		Exp #=85188	
				Rast=130"x130" Step=5" Pitch=-779", Yaw=+516"	
Event # = 22526		SMM Pointing:		Carr. Lon.=237deg H. Ang=88deg	
89/03/07	08:00	DOY=66	Peak		
Optical	Type/Intensity:		III/3	dt= 3.8s XEN=906606	
GOES	08:00	08:00	08:01	#Peaks=1	
BCS	08:00	08:00	08:01	Step=10" Cad= 590s	
FCS	08:00	08:00	08:01	Step=5" Pitch=-771", Yaw=+583"	
UVSP	08:00	08:00	08:01		
Radio Sweeps	Type/Intensity:		III/3	Wavelength=1375A	
		End times		Exp #=85189	
				Rast=265"x265" Step=5" Pitch=-771", Yaw=+583"	

Event # = 22527  
 89/03/07 09:02 DOY=66  
 Start Peak  
 End times  
 09:02 09:05  
 09:05  
 09:01

GOES  
 BCS  
 FCS  
 UVSP

CaPeak.c/s=18  
 Peak3.c/s=128  
 Wavelength=1375A

Qual=00  
 Qual=4

FePeak=09:02  
 Exp #=85194

FePeak.c/s=7  
 Rast=240"x240"  
 Rast=130"x130"

#Peaks=1  
 Step=10"  
 Step=5"

dt= 7.7s XEN=906609  
 Cad= 590s 1.024s/pixel  
 Pitch=-764",Yaw=+546"

Event # = 10566  
 89/03/07 09:12 DOY=66  
 Start Peak  
 End times  
 09:09:24 09:10:16 09:12:31  
 09:10 09:12 09:18  
 09:11

GOES  
 HXRBS  
 BCS  
 FCS  
 UVSP

SMM Pointing:  
 Ha...Class=1F  
 Code=BSL

Peak...c/s=244  
 CaPeak.c/s=97  
 Peak3.c/s=338  
 Wavelength=1375A  
 V/3

Radio Sweeps  
 Radio Frequency (MHz)/Flux(sfu): 410/290

Associated Event # = 10567  
 Qual=01  
 Tot Cts=2003  
 Event # = 10568  
 Associated  
 Qual=01  
 Tot Cts=174  
 Event # = 85195  
 Exp #=85195

MaxkeV=320  
 FePeak.c/s=29  
 Rast=240"x240"  
 Rast=130"x130"

Flags=M5  
 #Peaks=1  
 Step=10"  
 Step=5"

dt= 3.8s XEN=906610  
 Cad= 590s 1.024s/pixel  
 Pitch=-764",Yaw=+546"

Carr. Lon.=257deg  
 Carr. Lon.=237deg

Mac.=EKC  
 H.Ang=78deg  
 H.Ang=94deg

MaxkeV=231  
 MaxkeV=102  
 Rast=265"x265"

Flags=M5  
 Step=5" Pitch=-771",Yaw=+583"

Event # = 10569  
 89/03/07 09:21 DOY=66  
 Start Peak  
 End times  
 09:19:38 09:20:09 09:20:39  
 09:20 09:21 09:26  
 09:21

GOES  
 HXRBS  
 BCS  
 FCS  
 UVSP

Peak...c/s=106  
 CaPeak.c/s=32  
 Peak3.c/s=330  
 Wavelength=1375A

Qual=00  
 Qual=01  
 Qual=1

Tot Cts=552  
 FePeak=09:20  
 Exp #=85196

MaxkeV=144  
 FePeak.c/s=8  
 Rast=240"x240"  
 Rast=130"x130"

#Peaks=1  
 Step=10"  
 Step=5"

dt= 7.7s XEN=906611  
 Cad= 590s 1.024s/pixel  
 Pitch=-759",Yaw=+551"

Event # = 10570  
 89/03/07 10:29 DOY=66  
 Start Peak  
 End times  
 10:25:31 10:25:36 10:25:47  
 10:24 10:29 11:07  
 10:37

GOES  
 HXRBS  
 BCS  
 FCS  
 UVSP

SMM Pointing:  
 Peak...c/s=48  
 CaPeak.c/s=47  
 Peak3.c/s=297  
 Wavelength=2788A

Qual=01  
 Qual=01  
 Qual=4

Tot Cts=140  
 FePeak=10:29  
 Exp #=85199

MaxkeV=102  
 FePeak.c/s=9  
 Rast=240"x240"  
 Rast=243"x243"

#Peaks=1  
 Step=10"  
 Step=3"

dt= 3.8s XEN=906612  
 Cad= 590s 1.024s/pixel  
 Pitch=-771",Yaw=+583"

Event # = 10571  
 89/03/07 10:58 DOY=66  
 Start Peak  
 End times  
 10:58:11 10:58:25 10:58:36  
 10:13

GOES  
 HXRBS  
 UVSP

SMM Pointing:  
 Peak...c/s=43  
 Wavelength=2788A

Qual=00  
 Qual=01

Tot Cts=71  
 Exp #=85199

MaxkeV=102  
 Rast=243"x243"

Step=3" Pitch=-771",Yaw=+583"

Event # = 10572		89/03/07, 11:45		DOY=66	Peak	SMM Pointing:		AR5395	
GOES	11:43:11	11:47:11	11:50:40	Peak...c/s=273	Qual=04				
HXRBS	11:43	11:45	12:41	CaPeak.c/s=175	Qual=01				
BCS	11:48	11:55		Peak3...c/s=947	Qual=5				
UVSP	11:55:01	11:55:16	11:59:52	Wavelength=1375A					
Radio	Frequency(MHz)/Flux(sfu):	245/460	410/280						
-----									
HXRBS	11:55:01	11:55:16	11:59:52	Peak...c/s=51	Associated				
UVSP	11:50			Wavelength=1375A	Qual=01				
-----									
Event # = 10574		89/03/07, 12:11		DOY=66	Peak	SMM Pointing:		AR5395	
GOES	12:10:56	12:11:16	12:11:35	Peak...c/s=43	Qual=05				
HXRBS	12:08			Wavelength=1375A	Qual=01				
UVSP									
-----									
Event # = 10575		89/03/07, 12:18		DOY=66	Peak	SMM Pointing:		AR5395	
Optical									
GOES	12:17:15	12:18:52	12:19:39	Peak...c/s=46	N31E63				
HXRBS	12:08			Wavelength=1375A	Qual=01				
UVSP									
-----									
Event # = 10576		89/03/07, 13:26		DOY=66	Peak	SMM Pointing:		AR5395	
Optical									
GOES	13:17	13:26	13:36	Ha...Class=SF	N31E65				
HXRBS	13:17:01	13:19:08	13:28:09	Peak...c/s=19520	Qual=01				
GRS	13:18:00	13:21:00	13:21:00						
BCS	13:17	13:25	13:33	CaPeak.c/s=2562	Qual=1				
FCS	13:25	13:28		Peak3...c/s=4560	Code=00				
UVSP	13:25			Wavelength=1375A					
Radio	Sweeps	Type/Intensity:							
Radio	Frequency(MHz)/Flux(sfu):	245/33000	410/580	606/130	1415/86	2695/210	4995/370	8800/1000	15400/2500
-----									
HXRBS	13:30:22	13:30:30	13:31:40	Peak...c/s=70	Associated				
					Qual=01				
-----									
Event # = 10578		89/03/07, 13:36		DOY=66	Peak	SMM Pointing:		AR5395	
GOES	13:36:48	13:36:52	13:36:57	Peak...c/s=44	Qual=00				
HXRBS	13:25			Wavelength=1375A	Qual=01				
UVSP									
-----									

Event # = 10579  
 89/03/07, 13:49 Start D0Y=66 Peak  
 SMM Pointing: AR5395 Carr. Lon.=245deg H. Ang=86deg  
 Code=LPS Mac.=EKC  
 Importance=M2 MaxkeV=274  
 Peak...c/s=1020 dt= 7.7s XEN=906615  
 13:40 14:09 13:46:03 13:44:00 13:44:00  
 13:39:49 13:40:49 13:43:00 13:43:49  
 13:43:00 13:44:00 13:43:00 13:43:49  
 13:34 13:44 13:43:00 13:43:49  
 13:34 13:44 13:43:00 13:43:49  
 CaPeak.c/s=1846 Qual= 1 FePeak=13:43 #Peaks=2  
 Peak3...c/s=2435 Code=00 Exp #=85211 Rast=240"x240" Step=10"  
 Wavelength=1375A dt= 7.7s XEN=906615  
 245/120 410/63 Associated Event # = 20515  
 14:07 14:07 14:15 14:08 FePeak=14:08  
 14:08 14:08 14:08 14:08 Rast=130"x130" Step=5"  
 Wavelength=1375A Exp #=85213

Event # = 10581  
 89/03/07, 14:58 Start D0Y=66 Peak  
 SMM Pointing: AR5395 Carr. Lon.=258deg H. Ang=73deg  
 Ha...Class=2B Mac.=EKC Carr. Lon.=233deg  
 Code=LPS N38E79 N34E65 N34E90  
 Importance=X2 Qual=01  
 Peak...c/s=18120 Qual=01 Tot Cts=4.03E+6 MaxkeV=856  
 14:49 14:58 15:09 15:06:42 dt= 7.7s XEN=906617  
 14:50:38 14:54:40 15:06:42 14:56:00 Cad= 590s  
 14:52:00 14:58 15:08 15:08 Rast=240"x240" Step=10"  
 14:49 14:58 15:02 15:02 Rast=130"x130" Step=5"  
 Wavelength=1375A Code=00 Exp #=85217 Pitch=-774", Yaw=+526"  
 V/3  
 Type/Intensity: Dur=240sec  
 Radio Sweeps 606/100 1415/190 2695/180 4995/310 8800/1300 15400/2000 XEN=906617  
 Frequency (MHz)/Flux(sfu): 245/130 410/79 606/100 1415/190 2695/180 4995/310 8800/1300 15400/2000  
 14:49:15 14:49:24 14:49:33 Peak...c/s=88 MaxkeV=102  
 14:54 14:54 14:54 14:54 Qual=01 Tot Cts=341 Rast=265"x265" Step=5"  
 15:08 15:08 15:08 15:08 Associated Event # = 22528 Pitch=-771", Yaw=+583"  
 15:08 15:08 15:08 15:11 CaPeak.c/s=194 #Peaks=1 dt= 7.7s XEN=906618  
 15:11 15:11 15:11 15:11 Peak3...c/s=560 Rast=240"x240" Step=10"

Event # = 10584  
 89/03/07, 15:37 Start D0Y=66 Peak Carr. Lon.=260deg H. Ang=71deg  
 SMM Pointing: AR5395 Mac.=EKC  
 Ha...Class=2B MaxkeV=102  
 Code=LPS N29E63 N29E63 Qual=01 MaxkeV=102  
 Importance=X2 Qual=01 Tot Cts=714 Step=5"  
 Peak...c/s=66 Wavelength=1375A Exp #=85221 Rast=130"x130" Pitch=-774", Yaw=+521"  
 15:36:49 15:37:32 15:37:50 15:30 15:30 15:30 15:30  
 15:30 15:30 15:30 15:30 15:30 15:30 15:30 15:30  
 15:32:32 15:32:42 15:33:09 15:33:09 15:33:09 15:33:09  
 15:33:46 15:33:59 15:35:34 15:33:46 15:33:59 15:35:34  
 Associated Event # = 10582  
 Associated Event # = 10583  
 Tot Cts=369 MaxkeV=102

Event # = 22529  
 89/03/07, 16:24 Start D0Y=66 Peak Carr. Lon.=260deg H. Ang=71deg  
 SMM Pointing: AR5395 Mac.=EKC  
 Ha...Class=2B MaxkeV=102  
 Code=LPS N29E63 N29E63 Qual=01 MaxkeV=102  
 Importance=X2 Qual=01 Tot Cts=714 Step=5"  
 Peak...c/s=66 Wavelength=1375A Exp #=85221 Rast=130"x130" Pitch=-774", Yaw=+521"  
 16:24 16:24 16:24 16:24 16:24 16:24 16:24 16:24  
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 16:24 16:24 16:24 16:24 16:24 16:24 16:24 16:24  
 CaPeak.c/s=40 #Peaks=1 dt= 7.7s XEN=906619  
 Peak3...c/s=252 Rast=420"x240" Step=15" Cad= 459s  
 Wavelength=1375A Exp #=85224 Pitch=-771", Yaw=+583"

Event # = 10585

89/03/07 16:29 Start  
 DOY=66 Peak  
 SMM Pointing: AR5395  
 End times  
 GOES  
 HXRBS 16:28:53 16:29:09 16:29:20 Qual=01  
 UVSP 16:27 MaxkeyV=102  
 Rast=265"x265" Step=5" Pitch=-771", Yaw=+583"

Event # = 10586

89/03/07 16:42 Start  
 DOY=66 Peak  
 SMM Pointing: AR5395  
 End times  
 GOES  
 HXRBS 16:41:41 16:42:29 16:44:22 Qual=01  
 UVSP 16:31 MaxkeyV=102  
 Rast=130"x130" Step=5" Pitch=-774", Yaw=+516"

Event # = 10587

89/03/07 16:56 Start  
 DOY=66 Peak  
 SMM Pointing: AR5395  
 End times  
 Optical  
 GOES 16:48 16:56 17:23 N29E63  
 HXRBS 16:50:30 17:00:13 17:10:55 Carr. Lon.=259deg  
 GRS 16:53:00 16:55:00 H. Ang=71deg  
 UVSP 16:47  
 Radio Frequency (MHz)/Flux(sfu):  
 245/1000 410/55 606/72 8800/160 15400/120  
 #Peaks=1 dt= 7.7s XEN=906621  
 FePeak.c/s=12 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel  
 Peak3...c/s=84 Rast=265"x265" Step=5" Pitch=-771", Yaw=+583"  
 Wavelength=1375A FePeak=17:19  
 Exp # = 85230

Event # = 10588

89/03/07 18:20 Start  
 DOY=66 Peak  
 SMM Pointing: N38E60  
 End times  
 GOES  
 HXRBS 18:09 18:20 18:25 Importance=C9  
 BCS 17:57 18:20:27 18:20:33 Qual=01  
 FCS 18:18 18:19 18:40 Qual=01  
 UVSP 18:17 Peak.c/s=381  
 Peak3...c/s=1982  
 Wavelength=1375A Code=00  
 245/4400  
 Radio Frequency (MHz)/Flux(sfu):  
 245/1000 410/55 606/72 8800/160 15400/120  
 #Peaks=2 dt= 7.7s XEN=906622  
 FePeak.c/s=67 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel  
 Peak3...c/s=154 Rast=265"x265" Step=5" Pitch=-820", Yaw=+420"  
 Wavelength=1375A FePeak=18:18  
 Exp # = 85234

Event # = 10589

89/03/07 18:21 Start  
 DOY=66 Peak  
 SMM Pointing: N38E60  
 End times  
 HXRBS 18:21:54 18:22:14 18:22:29 Associated  
 UVSP 18:21 18:21 18:40 Qual=01  
 Wavelength=1375A  
 MaxkeyV=187  
 Rast=130"x130" Step=5" Pitch=-803", Yaw=+487"

Event # = 10590

89/03/07 18:43 Start  
 DOY=66 Peak  
 SMM Pointing: N38E60  
 End times  
 GOES  
 HXRBS 18:41:39 18:41:45 18:43:41 Qual=00  
 BCS 18:40 18:43 18:49 Qual=01  
 FCS 18:48 18:48 18:49 Qual=1  
 UVSP 18:37 Peak.c/s=27  
 Peak3...c/s=214  
 Wavelength=1375A  
 MaxkeyV=102  
 FePeak.c/s=7  
 Rast=240"x240" Step=10" dt= 7.7s XEN=906623  
 Rast=130"x130" Step=5" Pitch=-777", Yaw=+487"

Event # = 10592	DOY=66	SMM Pointing:	N38E60	Pitch=-825", Yaw=+408", Roll=-20deg	H. Ang=72deg
89/03/07 19:48	Peak	Ha...Class=SF	N30E61	Mac.=EKC	H. Ang=69deg
Optical		Peak...c/s=56	Qual=01		
GOES 19:47:15	19:47:53	CaPeak.c/s=46	Qual=01	MaxkeV=102	XEN=906624
BGS 19:45	19:55	Peak3...c/s=252	Qual=1	dt= 3.8s	dt= 3.8s
FCS 19:51		Wave length=1375A		Step=10"	Step=10"
UVSP 19:38		Associated	Exp #=85241	Step=5"	Pitch=-782", Yaw=+473"
HRBS 19:44:15	19:44:32	Peak...c/s=49	Event # = 10591	Step=5"	
			Tot Cts=370		
MaxkeV=102					
Event # = 10593	DOY=66	SMM Pointing:	N38E60	Pitch=-824", Yaw=+406", Roll=-20deg	H. Ang=72deg
89/03/07 20:06	Peak	Importance=C3	Qual=01		
GOES 20:03	20:06	Peak...c/s=45	Qual=11	MaxkeV=102	Flags=DG
HRBS 20:03:39	20:03:47	CaPeak.c/s=59	Qual=1	dt= 7.7s	XEN=906625
BGS 20:04	20:05	Peak3...c/s=275		Cad= 590s	Cad= 590s
FCS 19:54	20:11	Wave length=1375A	Code=00	Step=10"	Step=10"
UVSP 19:54		Associated	Exp #=85243	Step=5"	Pitch=-787", Yaw=+467"
Radio	Frequency (MHz)/Flux(sfu):	245/720			
Event # = 10594	DOY=66	SMM Pointing:	N38E60	Pitch=-824", Yaw=+406", Roll=-20deg	H. Ang=72deg
89/03/07 21:13	Peak	Ha...Class=SF	S19W87	Mac.=EKC	H. Ang=85deg
Optical		Importance=C4	Qual=01		
GOES 21:08	21:13	Peak...c/s=1033	Qual=01	Carr. Lon.=47deg	
HRBS 21:04:44	21:05:22	Wave length=1375A	Code=00	MaxkeV=687	Flags=M5
GRS 21:05:00	21:06:00	4995/76 8800/530	15400/1200	Rast=130"x130"	Step=5"
UVSP 21:10		Associated	Event # = 10595	Pitch=-771", Yaw=+463"	Dur=60sec
Radio	Frequency (MHz)/Flux(sfu):	500/1000	Tot Cts=1455		
HRBS 21:08:34	21:10:29	Peak...c/s=60	Qual=01	Step=5"	Pitch=-818", Yaw=+410"
UVSP 21:08		Wave length=1375A	Exp #=85247		
Event # = 10596	DOY=66	SMM Pointing:	N38E59	Pitch=-825", Yaw=+396", Roll=-20deg	H. Ang=71deg
89/03/07 21:26	Peak	Ha...Class=SF	N32E71	Carr. Lon.=249deg	H. Ang=78deg
Optical		Importance=C9	Qual=01		
GOES 21:21	21:26	Peak...c/s=126	Qual=01	MaxkeV=144	Pitch=-818", Yaw=+409"
HRBS 21:20:42	21:23:02	Wave length=1375A	Code=00	Rast=265"x265"	Step=5"
UVSP 21:23			Tot Cts=2774		
			Exp #=85249		
Event # = 10597	DOY=66	SMM Pointing:	N38E59	Pitch=-825", Yaw=+396", Roll=-20deg	H. Ang=71deg
89/03/07 21:42	Peak	Peak...c/s=52	Qual=00	MaxkeV=102	
GOES 21:42:02	21:42:42	Wave length=1375A	Qual=01	Rast=265"x265"	Pitch=-818", Yaw=+408"
HRBS 21:41			Tot Cts=461		
UVSP 21:41			Exp #=85251		
Event # = 10598	DOY=66	SMM Pointing:	N38E59	Pitch=-825", Yaw=+396", Roll=-20deg	H. Ang=71deg
89/03/07 21:44	Peak	Peak...c/s=70	Qual=01	MaxkeV=144	Pitch=-818", Yaw=+408"
GOES 21:43:51	21:44:03	Wave length=1375A	Qual=01	Rast=265"x265"	Step=5"
HRBS 21:41			Tot Cts=834		
UVSP 21:41			Exp #=85251		

Event # = 10611		89/03/07, 22:38		DOY=66		Peak		SMM Pointing:		N38E59		Pitch=-825", Yaw=+396", Roll=-20deg		H.Ang=71deg	
Optical															
GOES	22:22	22:38	23:01	Ha...Class=2B	N10E59	AR5395	Mac.=EKC								
HXRBS	22:35:52	22:45:27	22:53:05	Importance=M4	Qual=05										
BCS	22:36	22:37	23:00	Peak...c/s=2703	Qual=02										
FCS				CaPeak.c/s=2443	Qual=1										
UVSP	22:40	22:43		Peak3...c/s=3216	Code=02	Exp #=85254									
Radio				Wavelength=1375A											
Radio				III/3											
				2695/100 8800/340 15400/730											
HXRBS	22:54:44	22:55:12	22:55:54	Peak...c/s=55	Associated	Event # = 10612									
UVSP	22:45			Wavelength=1375A	Qual=01	Tot Cts=350	MaxkeV=144								
						Exp #=85255	Rast=130"x130"								
HXRBS	22:57:10	22:57:49	22:58:17	Associated	Event # = 10613										
UVSP	22:45			Peak...c/s=54	Qual=01	Tot Cts=371	MaxkeV=144								
				Wavelength=1375A		Exp #=85255	Rast=130"x130"								
Event # = 10614		89/03/07, 23:08		DOY=66		Peak		SMM Pointing:		N38E59		Pitch=-825", Yaw=+396", Roll=-20deg		H.Ang=71deg	
GOES	23:05:02	23:06:57	23:07:50	Peak...c/s=51	Qual=01										
HXRBS	23:00	23:08	23:23	CaPeak.c/s=129	Qual=01	Tot Cts=597	MaxkeV=102								
FCS		23:18		Peak3...c/s=396	Qual=4	FePeak=23:08	FePeak.c/s=19								
UVSP	23:00			Wavelength=1375A		Exp #=85257	Rast=240"x240"								
				Associated	Event # = 10615										
HXRBS	23:10:32	23:10:46	23:11:32	Peak...c/s=51	Qual=01	Tot Cts=270	MaxkeV=320								
Event # = 10676		89/03/08, 01:21		DOY=67		Peak		SMM Pointing:		N38E37		Pitch=-784", Yaw=+200", Roll=-20deg		H.Ang=57deg	
GOES	01:16	01:21	01:27	Ha...Class=SN	N28E59	AR5395	Mac.=EKC								
HXRBS	01:23:08	01:23:24	01:23:34	Importance=C6	Qual=05										
UVSP	01:34			Peak...c/s=49	Qual=01	Tot Cts=212	MaxkeV=102								
Radio				Wavelength=2788A		Exp #=85263	Rast=180"x1"								
				1415/58 2695/42 8800/120 15400/560											
Event # = 10616		89/03/08, 01:51		DOY=67		Peak		SMM Pointing:		N38E37		Pitch=-784", Yaw=+200", Roll=-20deg		H.Ang=57deg	
GOES	01:46	01:51	01:53	Ha...Class=SF	N30E61	AR5395	Mac.=EKC								
HXRBS	01:47:51	01:48:09	01:48:38	Importance=C4	Qual=01	Tot Cts=5145	MaxkeV=367								
UVSP	01:34			Peak...c/s=434	Qual=01	Exp #=85263	Rast=180"x1"								
Radio				Wavelength=2788A	Code=00										
				III/3											
HXRBS	01:49:29	01:50:39	01:50:51	Peak...c/s=434	Associated	Event # = 10617									
					Qual=01	Tot Cts=2478	MaxkeV=231								
							Flags=FS								



Event # = 10619  
 89/03/08,02:02 Start D0Y=67 Peak Pitch=-781", Yaw=+190", Roll=-20deg H-Ang=56deg  
 SMM Pointing: N38E36  
 Qual=01  
 Qual=01  
 Qual=1  
 GOES 02:01:08 02:01:21 02:01:30 02:01:34  
 HXRBS 02:01:08 02:01:21 02:01:30 02:01:34  
 BCS 02:01:08 02:01:21 02:01:30 02:01:34  
 FCS 02:01:08 02:01:21 02:01:30 02:01:34  
 UVSP 01:34  
 HXRBS 02:00:40 02:00:44 02:00:50 02:00:54  
 MaxkeV=102  
 FePeak\_c/s=9 #Peaks=1 dt= 7.7s XEN=906701  
 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=-647", Yaw=+123"  
 Exp #=85263  
 Event # = 10618  
 Tot Cts=785  
 FePeak=02:01  
 Associated Event # = 10618  
 Qual=01 Tot Cts=60

Event # = 10620  
 89/03/08,02:16 Start D0Y=67 Peak Pitch=-781", Yaw=+190", Roll=-20deg H-Ang=56deg  
 SMM Pointing: N38E36  
 Ha...Class=SF  
 Importance=C4  
 Peak...c/s=528  
 CaPeak.c/s=24  
 Peak3...c/s=15  
 Wavelength=2788A  
 III/3  
 Radio Sweeps  
 Radio Frequency(MHz)/Flux(sfu): 1415/81 2695/26 8800/32 15400/58  
 HXRBS 02:18:55 02:19:04 02:19:19  
 MaxkeV=102  
 Mac.=EKC Carr. Lon.=256deg H-Ang=69deg  
 MaxkeV=274 Flags=M5  
 FePeak\_c/s=9 #Peaks=1 dt= 7.7s XEN=906702  
 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=-646", Yaw=+117"  
 Exp #=85264  
 Event # = 10630  
 Tot Cts=248  
 Associated Event # = 10630  
 Qual=01 Tot Cts=248

Event # = 10599  
 89/03/08,03:07 Start D0Y=67 Peak Pitch=-781", Yaw=+190", Roll=-20deg H-Ang=56deg  
 SMM Pointing: N38E36  
 Ha...Class=SF  
 Importance=C8  
 Peak...c/s=53  
 Wavelength=2788A  
 Associated Event # = 10600  
 Qual=01 Tot Cts=132  
 Optical  
 GOES 03:01 03:07 03:15  
 HXRBS 03:18:14 03:18:30 03:18:44  
 UVSP 03:08  
 HXRBS 03:19:24 03:19:35 03:19:45  
 MaxkeV=102  
 Mac.=EKC Carr. Lon.=256deg H-Ang=70deg  
 MaxkeV=102  
 FePeak\_c/s=13 #Peaks=1 dt= 3.8s XEN=906703  
 Rast=420"x240" Step=15" Cad= 459s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=-645", Yaw=+114"  
 Exp #=85265  
 Event # = 10600  
 Tot Cts=132

Event # = 10602  
 89/03/08,03:27 Start D0Y=67 Peak Pitch=-781", Yaw=+190", Roll=-20deg H-Ang=56deg  
 SMM Pointing: N38E36  
 Ha...Class=SF  
 Importance=C8  
 Peak...c/s=71  
 Peak3...c/s=14  
 Wavelength=2788A  
 Associated Event # = 10603  
 Qual=01 Tot Cts=211  
 Associated Event # = 10603  
 Qual=05  
 Qual=01  
 Qual=01  
 GOES 03:24:03 03:25:10 03:26:58  
 HXRBS 03:24:03 03:25:10 03:26:58  
 BCS 03:18 03:27 03:40  
 FCS 03:30  
 UVSP 03:08  
 Radio Frequency(MHz)/Flux(sfu): 8800/26 15400/53  
 HXRBS 03:22:18 03:22:35 03:23:10  
 GOES 03:29:09 03:29:20 03:29:38  
 HXRBS 03:29:09 03:29:20 03:29:38  
 GOES 03:36:55 03:37:09 03:37:10  
 HXRBS 03:36:55 03:37:09 03:37:10  
 MaxkeV=144  
 FePeak\_c/s=13 #Peaks=1 dt= 3.8s XEN=906703  
 Rast=420"x240" Step=15" Cad= 459s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=-645", Yaw=+114"  
 Exp #=85265  
 Event # = 10603  
 Tot Cts=2490  
 FePeak=03:27  
 Associated Event # = 10603  
 Qual=01 Tot Cts=211  
 Associated Event # = 10603  
 Qual=05  
 Qual=01  
 Qual=01  
 MaxkeV=102  
 MaxkeV=102  
 MaxkeV=102  
 Tot Cts=139  
 Associated Event # = 10604  
 Qual=05  
 Qual=01 Tot Cts=80  
 MaxkeV=102

Event # = 10605		DOY=67		SMM Pointing:		N38E36		Pitch=-781", Yaw=+190", Roll=-20deg		H.Ang=56deg	
89/03/08, 03:49		Peak		End times							
GOES						Qual=01					
HXRBS		03:49:15 03:49:47 03:51:24		Peak...c/s=233		Qual=01		MaxkeV=187			
UVSP		04:07		Wavelength=2788A				Rast=180"x1"		Step=0" Pitch=-643", Yaw=+109"	
Event # = 10606		DOY=67		SMM Pointing:		N38E35		Pitch=-778", Yaw=+180", Roll=-20deg		H.Ang=56deg	
89/03/08, 04:07		Peak		End times							
GOES						Qual=00					
HXRBS		04:07:14 04:07:48 04:07:56		Peak...c/s=52		Qual=01		MaxkeV=102			
UVSP		04:07		Wavelength=2788A				Rast=180"x1"		Step=0" Pitch=-643", Yaw=+109"	
Event # = 10607		DOY=67		SMM Pointing:		N38E35		Pitch=-778", Yaw=+180", Roll=-20deg		H.Ang=56deg	
89/03/08, 04:09		Peak		End times							
GOES						Qual=00					
HXRBS		04:09:19 04:09:26 04:09:37		Peak...c/s=62		Qual=01		MaxkeV=102			
UVSP		04:07		Wavelength=2788A				Rast=180"x1"		Step=0" Pitch=-643", Yaw=+109"	
Event # = 10608		DOY=67		SMM Pointing:		N38E55		Pitch=-822", Yaw=+368", Roll=-20deg		H.Ang=68deg	
89/03/08, 04:54		Peak		End times							
Optical								Mac.=EKC		H.Ang=61deg	
GOES		04:50		04:54		05:13		AR5395			
HXRBS		04:55:42 04:56:44 04:58:22		Ha...Class=SF		Qual=01		MaxkeV=231			
UVSP		04:52		Importance=C8				Rast=265"x265"		Step=5" Pitch=-814", Yaw=+381"	
Radio Sweeps				Peak...c/s=296				Tot Cts=7475			
Radio		Type/Intensity:		Wavelength=1375A		Code=00		Exp #=85267			
HXRBS		05:04:07 05:04:32 05:05:31		11/3		410/88 606/44		1415/18 2695/20 4995/47 8800/20 15400/18			
UVSP		04:56		Frequency(MHz)/Flux(sfu):		Associated		Event # = 10609			
								Total Cts=1907		Flags=FS	
								Rast=30"x30"		Step=10" Pitch=-757", Yaw=+444"	
Event # = 10610		DOY=67		SMM Pointing:		N38E55		Pitch=-822", Yaw=+368", Roll=-20deg		H.Ang=68deg	
89/03/08, 05:07		Peak		End times							
Optical								Mac.=EKC		H.Ang=59deg	
GOES						Qual=00		AR5395			
HXRBS		05:07:18 05:07:28 05:07:46		Ha...Class=SF		Qual=01		MaxkeV=102			
UVSP		04:56		Peak...c/s=50				Rast=30"x30"		Step=10" Pitch=-757", Yaw=+444"	
				Wavelength=1375A				Tot Cts=207			
								Exp #=85269			
Event # = 10621		DOY=67		SMM Pointing:		N38E55		Pitch=-822", Yaw=+368", Roll=-20deg		H.Ang=68deg	
89/03/08, 05:22		Peak		End times							
Optical								Mac.=EKC		H.Ang=63deg	
GOES						Qual=00		AR5395			
HXRBS		05:20:47 05:22:32 05:30:11		Ha...Class=SF		Qual=01		MaxkeV=187			
UVSP		04:56		Peak...c/s=530				Rast=30"x30"		Step=10" Pitch=-757", Yaw=+444"	
Radio		Frequency(MHz)/Flux(sfu):		15400/29				Tot Cts=15297			
								Exp #=85269			

Event # = 22531  
 89/03/08,06:24 DOY=67  
 Start Peak  
 Optical  
 GOES 06:19 06:24 06:29  
 BCS 06:33 06:33 06:40  
 FCS 06:35  
 UVSP 06:26  
 Radio Sweeps  
 Type/Intensity:  
 III/3

Mac.=EKC Carr.Lon.=258deg H.Ang=66deg  
 #Peaks=1 dt= 7.7s XEN=906705  
 Rast=420"x240" Step=15" Cad= 459s 1.024s/pixel  
 Rast=265"x265" Step=5" Pitch=-812" ,Yaw=+375"

ARS395  
 FePeak=06:34  
 Exp #=85272

N30E57  
 Qual=05  
 Qual=5  
 Ha...Class=SF  
 Importance=C4  
 CaPeak.c/s=23  
 Peak3...c/s=87  
 Wavelength=1375A  
 Code=02  
 SMM Pointing:  
 N38E55  
 Qual=00  
 Qual=01  
 Peak...c/s=53  
 Wavelength=1375A

Pitch=-822" ,Yaw=+368" ,Roll=-20deg H.Ang=68deg  
 MaxkeV=102  
 Rast=30" x30" Step=10" Pitch=-755" ,Yaw=+478"

Tot Cts=109  
 Exp #=85274

Pitch=-822" ,Yaw=+368" ,Roll=-20deg H.Ang=68deg  
 MaxkeV=102  
 Rast=30" x30" Step=10" Pitch=-755" ,Yaw=+478"

Tot Cts=93  
 Exp #=85274

Pitch=-822" ,Yaw=+368" ,Roll=-20deg H.Ang=68deg  
 MaxkeV=102  
 Rast=30" x30" Step=10" Pitch=-755" ,Yaw=+478"

Tot Cts=122  
 Exp #=85274

Pitch=-822" ,Yaw=+368" ,Roll=-20deg H.Ang=68deg  
 MaxkeV=102  
 Rast=30" x30" Step=10" Pitch=-755" ,Yaw=+478"

Tot Cts=1255  
 FePeak=07:00  
 Exp #=85274

N38E55  
 Qual=06  
 Qual=01  
 SMM Pointing:  
 N38E54  
 Qual=00  
 Qual=01  
 Peak...c/s=55  
 Wavelength=1375A

Pitch=-819" ,Yaw=+356" ,Roll=-20deg H.Ang=67deg  
 MaxkeV=102  
 Rast=30" x30" Step=10" Pitch=-754" ,Yaw=+467"

Tot Cts=271  
 Exp #=85279

Pitch=-819" ,Yaw=+356" ,Roll=-20deg H.Ang=67deg  
 MaxkeV=102  
 Rast=30" x30" Step=10" Pitch=-754" ,Yaw=+467"

Tot Cts=271  
 Exp #=85279

Event # = 10633  
 89/03/08,08:37 DOY=67  
 Start Peak  
 Optical  
 GOES 08:25 08:37 09:59  
 HXRBS 08:25:17 08:32:38 08:48:24  
 BCS 08:10 08:35 08:55  
 FCS 08:42  
 UVSP 08:35  
 Radio Sweeps  
 Radio Frequency(MHz)/Flux(sfu): 245/120 2695/53 4995/140 8800/360 15400/490

SMM Pointing:  
 Ha...Class=1B  
 Importances=M6  
 Peak...c/s=3506  
 CaPeak.c/s=4552  
 Peak3...c/s=5873  
 Wavelength=1375A  
 III/3

End times

MaxkeV=231  
 FePeak.c/s=2117  
 Rast=180"x180"  
 Rast=30"x30"  
 dt= 7.7s  
 Step=10"  
 Step=10"  
 Pitch=-754" ,Yaw=+464"

Mac.=EKC  
 Carr. Lon.=262deg  
 H. Ang=63deg

Pitch=-819" ,Yaw=+356" ,Roll=-20deg  
 H. Ang=67deg

Event # = 10642  
 89/03/08,08:54 DOY=67  
 Start Peak  
 GOES 08:53:59 08:54:08 08:54:20  
 HXRBS  
 UVSP 08:35

SMM Pointing:  
 Peak...c/s=51  
 Wavelength=1375A

End times

MaxkeV=144  
 Rast=30"x30"  
 Step=10"  
 Pitch=-754" ,Yaw=+464"

Pitch=-819" ,Yaw=+356" ,Roll=-20deg  
 H. Ang=67deg

Event # = 10622  
 89/03/08,09:42 DOY=67  
 Start Peak  
 GOES 10:11:31 10:11:40 10:11:43  
 HXRBS 09:42 09:42 10:29  
 BCS 09:42 09:47  
 FCS 09:35  
 UVSP 09:35

SMM Pointing:  
 Peak...c/s=63  
 CaPeak.c/s=143  
 Peak3...c/s=701  
 Wavelength=1375A

End times

MaxkeV=102  
 FePeak.c/s=8  
 Rast=420"x240"  
 Rast=30"x30"  
 dt= 3.8s  
 Step=15"  
 Step=10"  
 Pitch=+696" ,Yaw=+544"

Pitch=+603" ,Yaw=+648" ,Roll=90deg  
 H. Ang=66deg

Event # = 22533  
 89/03/08,11:44 DOY=67  
 Start Peak  
 Optical  
 GOES 11:04 11:44 12:02  
 BCS 11:04 11:48  
 FCS 11:07  
 UVSP 11:07

SMM Pointing:  
 CaPeak.c/s=52  
 Peak3...c/s=189  
 Wavelength=2788A

End times

MaxkeV=367  
 FePeak.c/s=42  
 Rast=420"x240"  
 Rast=160"x1"  
 dt= 3.8s  
 Step=15"  
 Step=0"

Carr. Lon.=350deg  
 H. Ang=56deg

FePeak.c/s=7  
 Rast=180"x180"  
 Rast=243"x243"  
 dt= 3.8s  
 Step=10"  
 Step=3"  
 Pitch=-809" ,Yaw=+356"

Pitch=-771" ,Yaw=+158" ,Roll=-20deg  
 H. Ang=54deg

Event # = 10623  
 89/03/08,12:39 DOY=67  
 Start Peak  
 GOES 12:37:32 12:38:52 12:41:54  
 HXRBS 12:39 12:39 12:44  
 BCS 12:39 12:43  
 FCS 12:28  
 UVSP  
 Radio Frequency(MHz)/Flux(sfu): 245/110 8800/91 15400/95

SMM Pointing:  
 Peak...c/s=2052  
 CaPeak.c/s=122  
 Peak3...c/s=17  
 Wavelength=2788A

End times

MaxkeV=367  
 FePeak.c/s=42  
 Rast=420"x240"  
 Rast=160"x1"  
 dt= 3.8s  
 Step=15"  
 Step=0"

Flags=M5  
 #Peaks=1  
 Step=15"

Pitch=-638" ,Yaw=+89"

Event # = 10625		SMM Pointing:		N38E33		Pitch=-771", Yaw=+158", Roll=-20deg		H.Ang=54deg	
89/03/08, 13:19		DOY=67		Peak		AR5395		H.Ang=59deg	
Optical		Ha...Class=M		N29E48					
GOES		Importance=M9		Qual=03					
HXRB		Peak...c/s=906		Qual=01		Tot Cts=39244		#Peaks=2 dt= 7.7s XEN=906711	
BCS		CaPeak.c/s=228		Qual=1		FePeak=13:16		Cad=3840s 3840s/pixel	
FCS		Peak3...c/s=19		Code=02		Exp #=85290		Rast=180"x1" Pitch=-637", Yaw=+84"	
UVSP		Wavelength=2788A		8800/150					
Radio		Frequency(MHz)/Flux(sfu):		Associated		Event # = 10624			
HXRB		13:02:35 13:03:08 13:03:58		Qual=01		Tot Cts=6567		MaxkeV=231	
HXRB		13:29:35 13:29:55 13:30:56		Associated		Event # = 10626		MaxkeV=102	
HXRB		14:12:12 14:12:28 14:13:08		Qual=01		Tot Cts=608		MaxkeV=102	
GOES		Peak...c/s=56		Qual=4		FePeak=14:13		dt= 3.8s XEN=906712	
HXRB		CaPeak.c/s=43				Exp #=85291		Rast=420"x240" Cad=459s 1.024s/pixel	
BCS		Peak3...c/s=11		Wavelength=2788A				Step=15" Pitch=-636", Yaw=+81"	
FCS		Wavelength=2788A							
UVSP									
Event # = 10637		SMM Pointing:		N38E33		Pitch=-771", Yaw=+158", Roll=-20deg		H.Ang=54deg	
89/03/08, 14:13		DOY=67		Peak					
Optical		Ha...Class=M		N28E48					
GOES		Importance=M1		Qual=03					
HXRB		Peak...c/s=219		Qual=01		Tot Cts=86241		#Peaks=1 dt= 7.7s XEN=906713	
BCS		CaPeak.c/s=26		Qual=1		FePeak=14:25		Cad= 332s 1.024s/pixel	
FCS		Peak3...c/s=22		Qual=4		Exp #=85291		Rast=180"x180" Cad= 332s 1.024s/pixel	
UVSP		Wavelength=2788A						Rast=180"x1" Pitch=-636", Yaw=+81"	
Event # = 22534		SMM Pointing:		N38E33		Pitch=-771", Yaw=+158", Roll=-20deg		H.Ang=54deg	
89/03/08, 14:25		DOY=67		Peak					
Optical		Ha...Class=M		N28E48					
GOES		Importance=M1		Qual=03					
HXRB		Peak...c/s=219		Qual=01		Tot Cts=86241		#Peaks=2 dt= 7.7s XEN=906714	
BCS		CaPeak.c/s=285		Qual=1		FePeak=14:48		Cad= 332s 1.024s/pixel	
FCS		Peak3...c/s=21		2695/49		Exp #=85292		Rast=180"x180" Cad= 332s 1.024s/pixel	
UVSP		Wavelength=2788A		8800/410		Event # = 10635		Rast=180"x1" Pitch=-634", Yaw=+75"	
Radio		Frequency(MHz)/Flux(sfu):		Associated		Tot Cts=175		MaxkeV=102	
HXRB		14:58:35 14:58:43 14:58:52		Qual=01		Tot Cts=4720		MaxkeV=144	
HXRB		14:30:06 14:31:04 14:31:51		Associated		Event # = 10638		MaxkeV=102	
UVSP		Wavelength=2788A		Qual=01		Exp #=85291		Rast=180"x1" Pitch=-636", Yaw=+81"	

HRBS	14:38:51	14:39:38	14:42:53	Peak...c/s=705	Associated Event # = 10639	Qual=01	Tot Cts=11839	MaxkeV=231	Flags=M5
Event # = 10634									
89/03/08	16:09	16:02:01	16:02:13	Peak...c/s=50	SMM Pointing:	N38E32		Pitch=-770", Yaw=+147", Roll=-20deg	H. Ang=54deg
GOES				CaPeak.c/s=22		Qual=01			
HRBS	16:01:54	16:02:01	16:02:13	Peak...c/s=50		Qual=01			
BCS	16:09	16:09	16:12	Peak3...c/s=27		Qual=4			
FCS				WaveLength=2788A					
UVSP	16:34								
Event # = 10641									
89/03/08	16:23	16:23:30	16:24:08	Peak...c/s=42	SMM Pointing:	N38E31		Pitch=-766", Yaw=+137", Roll=-20deg	H. Ang=53deg
GOES				WaveLength=2788A		Qual=01			
HRBS	16:23:20	16:23:30	16:24:08			Qual=01			
UVSP	16:34								
Event # = 10643									
89/03/08	18:09	18:08:30	18:10:04	Peak...c/s=223	SMM Pointing:	N35E49		Pitch=-783", Yaw=+349", Roll=-20deg	H. Ang=62deg
Optical				WaveLength=2788A					
GOES	18:03	18:09	18:15	Ha...Class=1F		N30E49			
HRBS	18:04:19	18:08:30	18:10:04	Importance=C4		Qual=03			
UVSP	18:09			Peak...c/s=223		Qual=01			
Event # = 10644									
89/03/08	18:57	18:54:51	19:06:54	Peak...c/s=14560	SMM Pointing:	N35E49		Pitch=-783", Yaw=+349", Roll=-20deg	H. Ang=62deg
GOES				WaveLength=1375A					
HRBS	18:51:49	18:54:51	19:06:54	Importance=M4		Qual=01			
GRS	18:52:00			Peak...c/s=14560		Qual=01			
BCS	18:52	18:56	19:06	CaPeak.c/s=4629		Qual=1			
FCS				Peak3...c/s=5873		Code=00			
UVSP	18:56			WaveLength=1375A					
Event # = 10645									
89/03/08	19:11	19:11:24	19:12:22	Peak...c/s=89	SMM Pointing:	N35E49		Pitch=-783", Yaw=+349", Roll=-20deg	H. Ang=62deg
GOES				WaveLength=1375A					
HRBS	19:10:55	19:11:24	19:12:22	Peak...c/s=89		Qual=05			
UVSP	18:56			WaveLength=1375A		Qual=01			
Event # = 10646									
89/03/08	19:16	19:16:39	19:17:03	Peak...c/s=77	SMM Pointing:	N35E49		Pitch=-783", Yaw=+349", Roll=-20deg	H. Ang=62deg
GOES				WaveLength=1375A					
HRBS	19:16:16	19:16:39	19:17:03	Peak...c/s=77		Qual=01			
UVSP	18:56			WaveLength=1375A		Qual=01			

Event # = 22536	DOY=67	End times	Qual=06	FePeak=19:33	#Peaks=1	dt= 7.7s	XEN=906718
89/03/08,19:33	Peak		Qual= 1		Step=10"	Cad= 332s	1.024s/pixel
GOES 19:31	19:33	19:40	CaPeak.c/s=47	Exp #=85306	Step=10"	Pitch=-722"	Yaw=+406"
BCS 19:34	19:34		Peak3..c/s=205				
FCS			Wavelength=1375A				
UVSP 19:18							
Event # = 10647	DOY=67	End times	N35E48				H. Ang=62deg
89/03/08,20:26	Peak						
GOES 20:24:42	20:24:49	20:25:17	SMM Pointing:	Tot Cts=298	dt= 3.8s	XEN=906719	
HXRBS 20:25	20:26	20:32	Qual=01	FePeak=20:26	Step=15"	Cad= 459s	1.024s/pixel
BCS 20:25	20:30		Qual= 1	Exp #=85309	Step=5"	Pitch=-772"	Yaw=+347"
FCS			Peak...c/s=53				
UVSP 20:25			CaPeak.c/s=62				
			Peak3..c/s=154				
			Wavelength=1375A				
Event # = 10648	DOY=67	End times	N35E48				H. Ang=62deg
89/03/08,20:54	Peak						
Optical 20:49:32	20:50:00	20:50:26	SMM Pointing:	Tot Cts=212	dt= 7.7s	XEN=906720	
Optical 20:50	20:54	21:02	Ha...Class=SF	FePeak=20:53	Step=10"	Cad= 332s	1.024s/pixel
Optical 20:50	20:59		N31E45	Exp #=85313	Step=10"	Pitch=-745"	Yaw=+408"
GOES 20:49:32	20:50:00	20:50:26	N42W19				
HXRBS 20:50	20:54	21:02	N33E63				
BCS 20:50	20:59		Qual=01				
FCS			Qual= 1				
UVSP 20:50			Peak...c/s=41				
			CaPeak.c/s=60				
			Peak3..c/s=242				
			Wavelength=1375A				
Event # = 10672	DOY=67	End times	N35E46				H. Ang=61deg
89/03/08,22:37	Peak						
Optical 22:33	22:37	22:41	S15E68	AR5398			
GOES 22:33:48	22:34:08	22:34:21	Qual=01				
HXRBS 22:33:48	22:34:08	22:34:21	Importance=C4	Tot Cts=234	Step=10"	Pitch=-753"	Yaw=+411"
UVSP 22:25			Wave length=1375A	Exp #=85320			
Radio Sweeps	Type/Intensity:		Code=00				
Radio Frequency(MHz)/Flux(sfu):	111/1						
	410/110						
HXRBS 22:38:21	22:38:26	22:38:32	Associated Event # = 10673				
			Qual=01	Tot Cts=184			
			Peak...c/s=95				
Event # = 10674	DOY=67	End times	N35E46				H. Ang=61deg
89/03/08,22:46	Peak						
Optical 22:46:25	22:46:32	22:46:58	SMM Pointing:	Tot Cts=430	dt= 3.8s	XEN=906721	
GOES 22:46:25	22:46:32	22:46:58	Ha...Class=SF	Exp #=85322	Step=15"	Cad= 459s	1.024s/pixel
HXRBS 22:46	22:46		Qual=01		Step=5"	Pitch=-723"	Yaw=+379"
UVSP 22:46			Qual= 1				
			Peak...c/s=133				
			Wavelength=1375A				

Event # = 10649  
 89/03/08, 23:46 DOY=67 Peak Pitch=-778", Yaw=+326", Roll=-20deg H.Ang=61deg  
 SMM Pointing: N35E46  
 GOES  
 HXRBS 23:45:53 23:46:08 23:46:51 Peak...c/s=44 Qual=01  
 BCS 23:46 23:53 CaPeak.c/s=51 Qual=01  
 FCS 23:49 Peak3..c/s=263 Qual=1  
 UVSP 23:37 Wavelength=1375A Exp #=85325  
 Radio Sweeps Type/Intensity: III/2  
 Associated Event # = 10675  
 HXRBS 23:41:32 23:41:55 23:42:12 Peak...c/s=40 Qual=01  
 Radio Sweeps Type/Intensity: III/2  
 MaxkeV=102  
 FePeak.c/s=10  
 Rast=420"x240" dt= 3.8s XEN=906721  
 Rast=30"x30" Pitch=-747, Yaw=+345  
 Step=15" Cad= 459s  
 Step=10" Pitch=-747, Yaw=+345

Event # = 22537  
 89/03/09, 01:25 DOY=68  
 GOES  
 BCS 01:25 01:25 01:28 CaPeak.c/s=20 Qual=00  
 FCS 01:26 01:26 Peak3..c/s=130 Qual=4  
 UVSP 01:24 Wavelength=1375A FePeak.c/s=8  
 dt= 7.7s XEN=906800  
 Step=10" Cad= 590s 1.024s/pixel  
 Step=0" Pitch=-735", Yaw=+381"

Event # = 22538  
 89/03/09, 01:41 DOY=68  
 GOES  
 BCS 01:36 01:41 01:44 CaPeak.c/s=31 Qual=00  
 FCS 01:36 01:36 Peak3..c/s=65 Qual=1  
 UVSP 01:37 Wavelength=1375A FePeak.c/s=10  
 dt= 7.7s XEN=906801  
 Step=10" Cad= 590s 1.024s/pixel  
 Step=0" Pitch=-724", Yaw=+349"

Event # = 10650  
 89/03/09, 01:54 DOY=68  
 SMM Pointing: N35E45  
 GOES  
 HXRBS 01:49:08 01:49:43 01:54:45 Peak...c/s=156  
 BCS 01:50 01:54 02:01 CaPeak.c/s=73 Qual=01  
 FCS 01:58 Peak3..c/s=239 Qual=1  
 UVSP 01:50 Wavelength=1375A Exp #=85338  
 Radio Sweeps Type/Intensity: III/3  
 Frequency (MHz)/Flux(sfu): 410/140

Event # = 10651  
 89/03/09, 01:57 DOY=68  
 SMM Pointing: N35E45  
 GOES  
 HXRBS 01:57:45 01:57:50 01:58:07 Peak...c/s=42 Qual=00  
 UVSP 01:50 Wavelength=1375A Qual=01  
 Exp #=85338  
 Pitch=-776", Yaw=+316", Roll=-20deg H.Ang=60deg  
 MaxkeV=102  
 Rast=10"x10" Step=0" Pitch=-704", Yaw=+399"



Event # = 10659  
 89/03/09,02:46 D0Y=68 Peak Pitch=-773",Yaw=+304",Roll=-20deg H.Ang=59deg  
 Start Carr. Lon.=2555deg H.Ang=60deg  
 Optical  
 GOES 02:38 02:46 02:56 02:56  
 HXRBS 02:38:00 02:41:52 02:53:33 02:53:33  
 BCS 02:38 02:45 03:01  
 FCS 02:49  
 UVSP 02:43  
 Radio Sweeps  
 Radio Frequency(MHz)/Flux(sfu): Type/Intensity:  
 410/97 606/55 1415/72 2695/24 4995/30 8800/59 15400/93

Event # = 10660  
 89/03/09,03:18 D0Y=68 Peak Pitch=-773",Yaw=+304",Roll=-20deg H.Ang=59deg  
 Start Carr. Lon.=257deg H.Ang=58deg  
 Optical  
 GOES 03:09 03:18 03:21 03:21  
 HXRBS 02:59:07 03:12:59 03:24:18 03:24:18  
 BCS 03:02 03:14 03:29  
 FCS 03:17  
 UVSP 03:09

Event # = 22539  
 89/03/09,04:13 D0Y=68 Peak  
 Start  
 GOES 04:13 04:13 04:16  
 BCS 04:13 04:16  
 FCS  
 UVSP 04:13

Event # = 10661  
 89/03/09,04:19 D0Y=68 Peak Pitch=-773",Yaw=+304",Roll=-20deg H.Ang=59deg  
 Start Carr. Lon.=257deg H.Ang=58deg  
 Optical  
 GOES 04:19:50 04:19:58 04:20:11  
 HXRBS  
 UVSP 04:16

Event # = 10662  
 89/03/09,04:34 D0Y=68 Peak Pitch=-771",Yaw=+294",Roll=-20deg H.Ang=58deg  
 Start Carr. Lon.=262deg H.Ang=55deg  
 Optical  
 GOES 04:33:12 04:33:23 04:33:57 04:33:57  
 HXRBS 04:34 04:34 04:40  
 BCS 04:34 04:38  
 FCS  
 UVSP 04:30

Event # = 22540  
 89/03/09,04:53 D0Y=68 Peak Carr. Lon.=262deg H.Ang=54deg  
 Start Carr. Lon.=262deg H.Ang=54deg  
 Optical  
 GOES 04:48 04:53 05:08  
 BCS 04:48 04:52  
 FCS  
 UVSP 04:44

Event # = 10663													
89/03/09, 05:04	D0Y=68											Pitch=-771", Yaw=+294", Roll=-20deg	H.Ang=58deg
	Start	Peak											
SMM Pointing:													
Optical													
GOES	04:52	05:04	05:31										
HXRBS	04:51:21	04:58:11	05:02:13	Ha...Class=IN	N35E43	AR5394							
UVSP	04:57			Importance=C7	S34E41								
				Peak...c/s=76	Qual=03								
				Wavelength=1375A	Qual=01	Tot Cts=6848							
					Code=00	Exp #=85356							
Event # = 10652													
89/03/09, 06:10	D0Y=68												
	Start	Peak											
SMM Pointing:													
GOES													
HXRBS	06:17:59	06:18:05	06:18:43	Peak...c/s=53	N35E43								
BCS	05:50	06:10	06:42	CaPeak.c/s=34	Qual=01	Tot Cts=322							
FCS					Qual=4	FePeak=06:10							
UVSP	06:03			Wavelength=1375A		Exp #=85361							
Event # = 10653													
89/03/09, 06:20	D0Y=68												
	Start	Peak											
SMM Pointing:													
GOES													
HXRBS	06:20:52	06:20:57	06:21:17	Peak...c/s=98	N35E43								
UVSP	06:16			Wavelength=1375A	Qual=00	Tot Cts=859							
					Qual=01	Exp #=85363							
Event # = 10654													
89/03/09, 06:24	D0Y=68												
	Start	Peak											
SMM Pointing:													
GOES													
HXRBS	06:24:48	06:24:52	06:25:11	Peak...c/s=47	N35E43								
UVSP	06:16			Wavelength=1375A	Qual=00	Tot Cts=122							
					Qual=01	Exp #=85363							
Event # = 10655													
89/03/09, 06:27	D0Y=68												
	Start	Peak											
SMM Pointing:													
GOES													
HXRBS	06:27:26	06:27:47	06:27:58	Peak...c/s=45	N35E42								
UVSP	06:16			Wavelength=1375A	Qual=00	Tot Cts=164							
					Qual=01	Exp #=85363							
Event # = 10656													
89/03/09, 07:35	D0Y=68												
	Start	Peak											
SMM Pointing:													
GOES													
HXRBS	07:35:26	07:35:36	07:35:44	Peak...c/s=43	N35E42								
UVSP	07:24			Wavelength=1375A	Qual=00	Tot Cts=79							
					Qual=01	Exp #=85368							
Event # = 10657													
89/03/09, 07:53	D0Y=68												
	Start	Peak											
SMM Pointing:													
GOES													
HXRBS	07:50	07:53	07:58	Importance=C4	N35E42								
BCS	07:44:16	07:50:56	07:57:38	Peak...c/s=117	Qual=01	Tot Cts=5689							
FCS	07:32	07:52	08:16	CaPeak.c/s=141	Qual=1	FePeak=07:52							
UVSP	07:45			Wavelength=1375A	Code=00	Exp #=85370							
Radio				Frequency (MHz)/Flux(sfu):	245/300	410/110	8800/79	15400/35					

Event # = 10658	DOY=68	SMM Pointing:	N35E42	Pitch=-768", Yaw=+283", Roll=-20deg	H. Ang=58deg
89/03/09, 08:05	Peak	End times			
GOES			Qual=00		
HXRBS	08:04:37	08:05:42	08:07:32	MaxkeV=102	
UVSP	08:05			Rast=30"x30"	Step=10" Pitch=-732", Yaw=+351"
				Tot Cts=1601	
				Exp #=85372	
Event # = 10664	DOY=68	SMM Pointing:	N35E41	Pitch=-766", Yaw=+273", Roll=-20deg	H. Ang=57deg
89/03/09, 09:03	Peak	End times			
GOES			Qual=00		
HXRBS	09:03:18	09:03:43	09:03:53	MaxkeV=102	
UVSP	08:56			Rast=30"x30"	Step=10" Pitch=-710", Yaw=+346"
				Tot Cts=345	
				Exp #=85375	
Event # = 10665	DOY=68	SMM Pointing:	N35E41	Pitch=-766", Yaw=+273", Roll=-20deg	H. Ang=57deg
89/03/09, 09:25	Peak	End times			
Optical				Mac.=EKC	H. Ang=55deg
GOES			Qual=00		
HXRBS	09:25:18	09:25:28	09:28:52	MaxkeV=144	
UVSP	09:17			Rast=30"x30"	Step=10" Pitch=-725", Yaw=+339"
				Tot Cts=1356	
				Exp #=85377	
Event # = 10666	DOY=68	SMM Pointing:	N35E41	Pitch=-766", Yaw=+273", Roll=-20deg	H. Ang=57deg
89/03/09, 09:42	Peak	End times			
Optical				Mac.=EKC	H. Ang=55deg
GOES			Qual=00		
HXRBS	09:34:58	09:44:32	09:45:12	MaxkeV=102	
BGS	09:04	09:42	09:49	FePeak.c/s=11	#Peaks=2 dt= 7.7s XEN=906820
FCS				Rast=180"x180"	Step=10" Cad= 332s 1.024s/pixel
UVSP	09:43			Rast=180"x1"	Step=0" Pitch=-630", Yaw=+196"
				Exp #=85378	
Event # = 10667	DOY=68	SMM Pointing:	N35E40	Pitch=-763", Yaw=+263", Roll=-20deg	H. Ang=56deg
89/03/09, 10:27	Peak	End times			
GOES			Qual=00		
HXRBS	10:26:31	10:27:23	10:27:51	MaxkeV=102	
UVSP	10:34			Rast=243"x243"	Step=3" Pitch=-755", Yaw=+275"
Radio		Frequency(MHz)/Flux(sfu):	1415/40 2695/34 4995/53 8800/48		
				Tot Cts=241	
				Exp #=85380	
Event # = 10668	DOY=68	SMM Pointing:	N35E40	Pitch=-763", Yaw=+263", Roll=-20deg	H. Ang=56deg
89/03/09, 10:31	Peak	End times			
GOES			Qual=00		
HXRBS	10:30:05	10:31:04	10:32:43	MaxkeV=102	
UVSP	10:34			Rast=243"x243"	Step=3" Pitch=-755", Yaw=+275"
Radio		Frequency(MHz)/Flux(sfu):	245/650		
				Tot Cts=600	
				Exp #=85380	
Event # = 10669	DOY=68	SMM Pointing:	N35E40	Pitch=-763", Yaw=+263", Roll=-20deg	H. Ang=56deg
89/03/09, 10:35	Peak	End times			
GOES			Qual=00		
HXRBS	10:34:12	10:35:28	10:35:44	MaxkeV=102	
UVSP	10:34			Rast=243"x243"	Step=3" Pitch=-755", Yaw=+275"
				Tot Cts=275	
				Exp #=85380	

Event # = 22542		DOY=68		End times																	
89/03/09	10:36	Start	Peak																		
GOES	10:24	10:36	11:22	CaPeak.c/s=78	Qual=00	Qual=4	FePeak=10:35														
BGS																					
FCS																					
UVSP	10:34			Wavelength=2788A			Exp #=85380														
Event # = 10670		DOY=68		End times																	
89/03/09	10:47	Start	Peak																		
GOES	10:46:51	10:47:08	10:48:07	Peak...c/s=60	Qual=00	Qual=01	Tot Cts=474														
HXRBS							Exp #=85380														
UVSP	10:34			Wavelength=2788A																	
Event # = 10671		DOY=68		End times																	
89/03/09	11:05	Start	Peak																		
GOES	11:05:16	11:05:28	11:05:59	Peak...c/s=42	Qual=00	Qual=01	Tot Cts=190														
HXRBS							Exp #=85380														
UVSP	10:34			Wavelength=2788A																	
Event # = 10677		DOY=68		End times																	
89/03/09	13:45	Start	Peak																		
Optical																					
GOES	13:02	13:45	15:21	Ha...Class=1N	N27E40		AR5395														
HXRBS	13:30:04	13:31:13	13:34:12	Importance=M2	Qual=03																
BGS	13:30	13:37	14:29	Peak...c/s=222	Qual=12		Tot Cts=5735														
FCS				CaPeak.c/s=261	Qual=4		FePeak=13:37														
UVSP	13:21			Wavelength=2788A			Exp #=85384														
Radio	Frequency (MHz)/Flux(sfu):	245/590	410/76	606/130	4995/68	8800/59															
Event # = 10678		DOY=68		End times																	
89/03/09	13:52	Start	Peak																		
GOES	13:51:59	13:52:27	13:53:23	Peak...c/s=54	Qual=00		Tot Cts=632														
HXRBS				Wavelength=2788A	Qual=01		Exp #=85385														
UVSP	14:22			4995/74	8800/70	15400/86															
Radio	Frequency (MHz)/Flux(sfu):																				
Event # = 10681		DOY=68		End times																	
89/03/09	15:38	Start	Peak																		
Optical																					
GOES	15:23	15:38	16:38	Ha...Class=4B	N30E38		AR5395														
HXRBS	15:16:40	15:35:55	15:45:16	Importance=X4	Qual=03		Tot Cts=1.54E+7														
BGS	15:04	15:41	16:02	Peak...c/s=40100	Qual=01		FePeak=15:40														
FCS				CaPeak.c/s=7895	Qual=1		Exp #=85387														
UVSP	15:56			Peak3...c/s=12																	
Radio	Sweeps	Type/Intensity:		III/2	V/3																
Radio	Frequency (MHz)/Flux(sfu):	410/340	606/310	2695/80	4995/110	8800/170	15400/240														
HXRBS	15:50:37	15:51:05	15:52:40	Peak...c/s=45	Qual=01		Tot Cts=845														
				Associated Event # = 10682			MaxkeV=102														

Associated Event # = 22543  
 FePeak=16.02  
 Qual = 5  
 CaPeak.c/s=227  
 16:02 16:03 16:02 16:03  
 FePeak.c/s=29 #Peaks=1 dt= 7.7s XEN=906812  
 Rast=0"x0" Cad=3840s Step=0" Cad=3840s 3840s/pixel

Event # = 10679  
 89/03/09,16:42 DOY=68  
 Start Peak  
 SMM Pointing: N35E37 H.Ang=54deg  
 Ha...Class=SF Carr.Lon.=292deg  
 H.Ang=18deg  
 Optical  
 GOES 16:42:09 16:42:30 16:42:38  
 HXRBS Peak...c/s=46  
 UVSP 16:46 Wavelength=1375A  
 Tot Cts=120  
 Exp #=85389  
 MaxkeV=102  
 Rast=265"x265" Pitch=-746",Yaw=+241"

Event # = 10680  
 89/03/09,16:55 DOY=68  
 Start Peak  
 SMM Pointing: N35E37 H.Ang=54deg  
 Ha...Class=SF Carr.Lon.=259deg  
 H.Ang=52deg  
 Optical  
 GOES 16:55:44 16:55:56 16:56:51  
 HXRBS Peak...c/s=72  
 UVSP 16:50 Wavelength=1375A  
 Tot Cts=705  
 Exp #=85391  
 MaxkeV=102  
 Rast=30"x30" Pitch=-704",Yaw=+269"

Event # = 10683  
 89/03/09,17:00 DOY=68  
 Start Peak  
 SMM Pointing: N35E37 H.Ang=54deg  
 Ha...Class=SF Carr.Lon.=259deg  
 H.Ang=52deg  
 Optical  
 GOES 16:57:26 16:58:31 16:59:39  
 HXRBS Peak...c/s=45  
 BCS 16:37 17:00  
 FCS  
 UVSP 16:50 Wavelength=1375A  
 Tot Cts=738  
 FePeak=16:59  
 Exp #=85391  
 MaxkeV=102  
 FePeak.c/s=37 dt= 7.7s XEN=906813  
 Rast=240"x240" Cad=590s 1.024s/pixel  
 Rast=30"x30" Pitch=-704",Yaw=+269"

Event # = 10684  
 89/03/09,17:18 DOY=68  
 Start Peak  
 SMM Pointing: N35E37 H.Ang=54deg  
 Ha...Class=SF Carr.Lon.=259deg  
 H.Ang=52deg  
 Optical  
 GOES 17:17:43 17:18:51 17:19:50  
 HXRBS Peak...c/s=262  
 UVSP 17:11 Wavelength=1375A  
 Radio Frequency(MHz)/Flux(sfu): 2695/59 4995/65  
 Tot Cts=3580  
 Exp #=85393  
 MaxkeV=187  
 Rast=30"x30" Pitch=-699",Yaw=+262"

Event # = 10685  
 89/03/09,18:16 DOY=68  
 Start Peak  
 SMM Pointing: N35E37 H.Ang=54deg  
 Ha...Class=SF Carr.Lon.=259deg  
 H.Ang=52deg  
 Optical  
 GOES 18:15:22 18:16:45 18:17:34  
 HXRBS Peak...c/s=43  
 UVSP 18:16 Wavelength=1375A  
 Radio Frequency(MHz)/Flux(sfu): 245/1000 410/60 2695/3  
 Tot Cts=832  
 Exp #=85397  
 MaxkeV=102  
 Rast=30"x30" Pitch=-742",Yaw=+211"

Event # = 10686  
 89/03/09,18:32 DOY=68  
 Start Peak  
 SMM Pointing: N35E36 H.Ang=54deg  
 Ha...Class=SF Carr.Lon.=259deg  
 H.Ang=52deg  
 Optical  
 GOES 18:29:43 18:30:20 18:31:21  
 HXRBS Peak...c/s=57  
 BCS 18:11 18:32  
 FCS  
 UVSP 18:16 Wavelength=1375A  
 Tot Cts=1017  
 FePeak=18:31  
 Exp #=85397  
 MaxkeV=102  
 FePeak.c/s=49 dt= 7.7s XEN=906814  
 Rast=180"x180" Cad=332s 1.024s/pixel  
 Rast=30"x30" Pitch=-742",Yaw=+211"

Event # = 10687		SMM Pointing:		N35E36		Pitch=-751", Yaw=+218", Roll=-20deg		H.Ang=54deg	
89/03/09, 18:47	DOY=68	Start	End times	18:46:56	18:48:23	Peak...c/s=72	Qual=00	18:47:29	18:48:23
GOES	18:46:56	18:47:29	18:48:23	WaveLength=1375A	245/2100	245/2100	245/2100	245/2100	245/2100
HXRBS	18:46:56	18:47:29	18:48:23	WaveLength=1375A	245/2100	245/2100	245/2100	245/2100	245/2100
UVSP	18:37								
Radio	Frequency(MHz)/Flux(sfu):								
Event # = 10688		SMM Pointing:		N35E36		Pitch=-751", Yaw=+218", Roll=-20deg		H.Ang=54deg	
89/03/09, 19:00	DOY=68	Start	End times	19:00:43	19:01:11	Peak...c/s=46	Qual=00	19:00:49	19:01:11
GOES	19:00:43	19:00:49	19:01:11	WaveLength=1375A	245/400	245/400	245/400	245/400	245/400
HXRBS	19:00:43	19:00:49	19:01:11	WaveLength=1375A	245/400	245/400	245/400	245/400	245/400
UVSP	19:00								
Radio	Frequency(MHz)/Flux(sfu):								
Event # = 22544		SMM Pointing:		N34E36		Pitch=-748", Yaw=+208", Roll=-20deg		H.Ang=53deg	
89/03/09, 19:28	DOY=68	Start	End times	19:22	19:51	Peak...c/s=50	Qual=00	19:28	19:51
Optical	19:22	19:28	19:51	WaveLength=1375A	410/560	410/560	410/560	410/560	410/560
GOES	19:22	19:28	19:51	WaveLength=1375A	410/560	410/560	410/560	410/560	410/560
BCS	19:44	19:45	20:13						
FCS	19:46								
UVSP	19:46								
Radio	Frequency(MHz)/Flux(sfu):								
Event # = 10689		SMM Pointing:		N35E35		Pitch=-748", Yaw=+208", Roll=-20deg		H.Ang=53deg	
89/03/09, 20:26	DOY=68	Start	End times	20:20:15	20:20:30	Peak...c/s=50	Qual=00	20:20:19	20:20:30
Optical	20:26	20:26	20:31	WaveLength=1375A	410/560	410/560	410/560	410/560	410/560
GOES	20:20:15	20:20:19	20:20:30	WaveLength=1375A	410/560	410/560	410/560	410/560	410/560
HXRBS	20:20:15	20:20:19	20:20:30	WaveLength=1375A	410/560	410/560	410/560	410/560	410/560
BCS	20:21	20:26	20:31						
FCS	20:11								
UVSP	20:11								
Radio	Frequency(MHz)/Flux(sfu):								
Event # = 10690		SMM Pointing:		N35E35		Pitch=-748", Yaw=+208", Roll=-20deg		H.Ang=53deg	
89/03/09, 21:20	DOY=68	Start	End times	21:20:34	21:22:31	Peak...c/s=56	Qual=00	21:20:52	21:22:31
Optical	21:20	21:20	21:20	WaveLength=1375A	410/300	410/300	410/300	410/300	410/300
GOES	21:20:34	21:20:52	21:22:31	WaveLength=1375A	410/300	410/300	410/300	410/300	410/300
HXRBS	21:20:34	21:20:52	21:22:31	WaveLength=1375A	410/300	410/300	410/300	410/300	410/300
UVSP	21:20								
Radio	Frequency(MHz)/Flux(sfu):								
Event # = 10692		SMM Pointing:		N35E35		Pitch=-748", Yaw=+208", Roll=-20deg		H.Ang=53deg	
89/03/09, 21:51	DOY=68	Start	End times	21:51:10	21:53:51	Peak...c/s=41	Qual=00	21:51:43	21:53:51
GOES	21:51:10	21:51:43	21:53:51	WaveLength=1375A	410/300	410/300	410/300	410/300	410/300
HXRBS	21:51:10	21:51:43	21:53:51	WaveLength=1375A	410/300	410/300	410/300	410/300	410/300
UVSP	21:45								
Radio	Frequency(MHz)/Flux(sfu):								

Event # = 10691	DOY=68	SMM Pointing:	N35E35	Pitch=-748", Yaw=+208", Roll=-20deg	H. Ang=53deg
89/03/09, 21:54	Peak	End times			
Start					
GOES	21:36:44	21:37:14	Qual=00	MaxkeV=144	XEN=906817
HXRBS	21:36:54	21:37:14	Qual=01	FePeak.c/s=17	#Peaks=2 dt= 7.7s
BCS	21:18	22:06	Qual=1	Rast=180"x180"	Step=10" Cad= 332s
FCS				Rast=30"x30"	Pitch=-757", Yaw=+205"
UVSP	21:45	WaveLength=1375A	Exp #=85413		
Event # = 10693	DOY=68	SMM Pointing:	N35E34	Pitch=-746", Yaw=+198", Roll=-20deg	H. Ang=53deg
89/03/09, 21:58	Peak	End times			
Start					
GOES	21:58:18	21:58:35	Qual=00	MaxkeV=102	
HXRBS	21:58:23	21:58:35	Qual=01	Rast=30"x30"	Step=10" Pitch=-757", Yaw=+205"
UVSP	21:45	WaveLength=1375A	Exp #=85413		
Event # = 10710	DOY=68	SMM Pointing:	N35E34	Pitch=-746", Yaw=+198", Roll=-20deg	H. Ang=53deg
89/03/09, 22:57	Peak	End times			
Start					
Optical				Mac. = CSO	Carr. Lon. = 246deg
N33E47			AR5397		
GOES	22:57:28	22:57:38	Qual=00	MaxkeV=102	
HXRBS	22:57:31	22:57:38	Qual=01	Rast=30"x30"	Step=10" Pitch=-720", Yaw=+214"
UVSP	22:57	WaveLength=1375A	Exp #=85418		
Event # = 10694	DOY=68	SMM Pointing:	N35E34	Pitch=-746", Yaw=+198", Roll=-20deg	H. Ang=53deg
89/03/09, 23:21	Peak	End times			
Start					
Optical				Mac. = EKC	Carr. Lon. = 261deg
N31E32			AR5395		
GOES	23:10	23:31	Qual=04	MaxkeV=274	Flags=M5
HXRBS	23:07:12	23:13:04	Qual=01	FePeak.c/s=188	#Peaks=2 dt= 7.7s
BCS	22:52	23:20	Qual=1	Rast=180"x180"	Step=10" Cad= 332s
FCS				Rast=30"x30"	Pitch=-720", Yaw=+211"
UVSP	23:18	WaveLength=1375A	Exp #=85420		
Radio	Frequency (MHz)/Flux(sfu):	410/62 606/38 2695/37 4995/57 8800/180 15400/340	Event # = 10711		
HXRBS	23:04:00	23:04:18	Qual=01	MaxkeV=102	
UVSP	22:57	WaveLength=1375A	Exp #=85418	Rast=30"x30"	Step=10" Pitch=-720", Yaw=+214"
Event # = 10712	DOY=68	SMM Pointing:	N35E34	Pitch=-746", Yaw=+198", Roll=-20deg	H. Ang=53deg
89/03/09, 23:54	Peak	End times			
Start					
GOES	23:34	00:23	Qual=02	MaxkeV=187	
HXRBS	23:33:04	23:33:44	Qual=01	Rast=30"x30"	Step=10" Pitch=-734", Yaw=+179"
UVSP	23:39	WaveLength=1375A	Exp #=85422		
Radio	Frequency (MHz)/Flux(sfu):	245/670 15400/85			
Event # = 10695	DOY=69	SMM Pointing:	N35E33	Pitch=-743", Yaw=+188", Roll=-20deg	H. Ang=52deg
89/03/10, 00:37	Peak	End times			
Start					
GOES	00:37:36	00:38:24	Qual=01	MaxkeV=187	
HXRBS	00:37:58	00:38:24	Qual=01	Rast=30"x30"	Step=10" Pitch=-673", Yaw=+199"
UVSP	00:29	WaveLength=1375A	Exp #=85425		
Radio	Frequency (MHz)/Flux(sfu):	606/23 15400/100			

Event # = 10698									
89/03/10,01:17	DOY=69	SMM Pointing:	N35E33						Pitch=-743", Yaw=+188", Roll=-20deg
	Peak	Ha...Class=SF	N27E32						H. Ang=52deg
Optical	01:06	Importance=C6	Qual=03						
GOES	01:11:22	CaPeak.c/s=62	Qual=01	AR5395				Mac.=EKC	H. Ang=46deg
HXRBS	01:13:09	Wavelength=1375A	Code=00	Tot Cts=2952				MaxkeV=102	
BSC	00:24	Frequency(MHz)/Flux(sfu):	245/2400 410/180	FePeak=01:14				FePeak.c/s=50	dt= 7.7s
FCS	01:13	Associated	Qual=01	Exp #=85429				Rast=180"x180"	XEN=906900
UVSP	01:01:29	WaveLength=1375A	Code=00					Step=10"	Pitch=-676", Yaw=+225"
Radio	00:52	Peak...c/s=67	Qual=01					MaxkeV=144	
HXRBS	02:01:59	WaveLength=1375A	Code=00	Event # = 10696				Rast=30"x30"	Step=10"
UVSP	02:02:37	Associated	Qual=01	Tot Cts=650				Step=10"	Pitch=-687", Yaw=+197"
HXRBS	01:07:40	Peak...c/s=49	Qual=01	Exp #=85427				MaxkeV=102	
UVSP	00:52	WaveLength=1375A	Code=00	Tot Cts=432				Rast=30"x30"	Step=10"
				Exp #=85427				Pitch=-687", Yaw=+197"	
Event # = 10700									
89/03/10,02:11	DOY=69	SMM Pointing:	N35E32						Pitch=-739", Yaw=+175", Roll=-20deg
	Peak	Importance=C3	Qual=01						H. Ang=52deg
GOES	02:01:11	CaPeak.c/s=45	Qual=01					MaxkeV=102	
HXRBS	02:01:59	WaveLength=1375A	Code=00	Tot Cts=677				Rast=30"x30"	Step=10"
UVSP	02:04	Type/Intensity:	III/3	Exp #=85432					Pitch=-715", Yaw=+255"
Radio	02:04	Frequency(MHz)/Flux(sfu):	245/3900 8800/23 15400/14						
Event # = 10699									
89/03/10,02:25	DOY=69	SMM Pointing:	N35E32						Pitch=-739", Yaw=+175", Roll=-20deg
	Peak	Peak...c/s=68	Qual=01						H. Ang=52deg
GOES	02:25:05	WaveLength=1375A	Code=00	Tot Cts=245				MaxkeV=102	
HXRBS	02:25:21		Qual=01	Exp #=85434				Rast=30"x30"	Step=10"
UVSP	02:24		Qual=01					Pitch=-714", Yaw=+253"	
Event # = 10701									
89/03/10,02:41	DOY=69	SMM Pointing:	N35E32						Pitch=-739", Yaw=+175", Roll=-20deg
	Peak	Ha...Class=SF	N34E31						H. Ang=52deg
Optical	02:34	Importance=M1	Qual=03	AR5395				Mac.=EKC	H. Ang=51deg
GOES	02:34:59	CaPeak.c/s=835	Qual=01	Tot Cts=66622				MaxkeV=231	
HXRBS	02:36:32	WaveLength=1375A	Code=00	FePeak=02:39				FePeak.c/s=353	dt= 7.7s
BSC	01:58	Frequency(MHz)/Flux(sfu):	245/18000 410/37 4995/55 8800/130 15400/240	Exp #=85434				Rast=180"x180"	XEN=906901
FCS	02:40	Type/Intensity:	V/3					Step=10"	Pitch=-714", Yaw=+253"
UVSP	02:24	Associated	Qual=01					Rast=30"x30"	
Radio	02:24	WaveLength=1375A	Code=00						
Radio Sweeps									
Event # = 10702									
89/03/10,03:44	DOY=69	SMM Pointing:	N35E31						Pitch=-737", Yaw=+165", Roll=-20deg
	Peak	Peak...c/s=50	Qual=00						H. Ang=51deg
GOES	03:43:55	WaveLength=1375A	Code=00	Tot Cts=187				MaxkeV=102	
HXRBS	03:36	Type/Intensity:	III/3	Exp #=85439				Rast=10"x10"	Step=0"
UVSP	03:36	Frequency(MHz)/Flux(sfu):	245/950 410/170 606/100						Pitch=-712", Yaw=+246"



Event # = 10703 89/03/10, 03:58 Start	DOY=69 Peak	End times	SMM Pointing:	N35E31	Pitch=-737", Yaw=+165", Roll=-20deg	H. Ang=51deg
Optical			Ha...Class=SF		Mac.=EKC	H. Ang=48deg
GOES 03:52	03:58	04:04	Importance=C8	AR5395		
HXRBS 03:52:51	03:53:14	03:55:11	Peak...c/s=158	Tot Cts=4246	MaxkeV=144	XEN=906902
BCS 03:32	03:56	04:29	CaPeak.c/s=387	FePeak=03:56	Rast=180"x180"	Cad= 332s Pitch=-682", Yaw=+175"
FCS			Wavelength=1375A	Exp #=85441	Step=0"	
UVSP 03:50			Code=00			
Event # = 10704 89/03/10, 04:01 Start	DOY=69 Peak	End times	SMM Pointing:	N35E31	Pitch=-737", Yaw=+165", Roll=-20deg	H. Ang=51deg
GOES 04:00:55	04:01:19	04:02:03	Peak...c/s=97	Tot Cts=1814	MaxkeV=187	XEN=906904
HXRBS 04:00:55	04:01:19	04:02:03	Wavelength=1375A	Exp #=85441	Rast=10"x10"	Cad= 459s Pitch=-682", Yaw=+175"
UVSP 03:50			Code=00		Step=0"	
Event # = 10705 89/03/10, 04:05 Start	DOY=69 Peak	End times	SMM Pointing:	N35E31	Pitch=-737", Yaw=+165", Roll=-20deg	H. Ang=51deg
GOES 04:04:54	04:05:12	04:06:20	Peak...c/s=110	Tot Cts=2568	MaxkeV=187	XEN=906902
HXRBS 04:04:54	04:05:12	04:06:20	Wavelength=1375A	Exp #=85443	Rast=10"x10"	Cad= 332s Pitch=-692", Yaw=+223"
UVSP 04:03			Code=00		Step=0"	
Event # = 10706 89/03/10, 04:07 Start	DOY=69 Peak	End times	SMM Pointing:	N35E31	Pitch=-737", Yaw=+165", Roll=-20deg	H. Ang=51deg
GOES 04:07:12	04:07:18	04:07:51	Peak...c/s=73	Tot Cts=520	MaxkeV=144	XEN=906904
HXRBS 04:07:12	04:07:18	04:07:51	Wavelength=1375A	Exp #=85443	Rast=10"x10"	Cad= 459s Pitch=-692", Yaw=+223"
UVSP 04:03			Code=00		Step=0"	
Event # = 10707 89/03/10, 04:10 Start	DOY=69 Peak	End times	SMM Pointing:	N35E31	Pitch=-737", Yaw=+165", Roll=-20deg	H. Ang=51deg
GOES 04:09:53	04:10:40	04:11:07	Peak...c/s=43	Tot Cts=443	MaxkeV=102	XEN=906903
HXRBS 04:09:53	04:10:40	04:11:07	Wavelength=1375A	Exp #=85443	Rast=10"x10"	Cad= 459s Pitch=-692", Yaw=+223"
UVSP 04:03			Code=00		Step=0"	
Event # = 22545 89/03/10, 05:08 Start	DOY=69 Peak	End times	SMM Pointing:	N35E31	Pitch=-734", Yaw=+155", Roll=-20deg	H. Ang=51deg
GOES 05:07	05:08	05:14	CaPeak.c/s=34	FePeak=05:07	dt= 7.7s	XEN=906904
BCS 05:07	05:08	05:14	Wavelength=1375A	Exp #=85446	Rast=420"x240"	Cad= 459s Pitch=-727", Yaw=+169"
FCS			Code=00		Step=5"	
UVSP 05:06			Qual=00			
Event # = 10708 89/03/10, 05:41 Start	DOY=69 Peak	End times	SMM Pointing:	N35E30	Pitch=-734", Yaw=+155", Roll=-20deg	H. Ang=51deg
GOES 05:28:23	05:28:35	05:28:58	Peak...c/s=43	Tot Cts=199	MaxkeV=102	XEN=906904
HXRBS 05:28:23	05:28:35	05:28:58	CaPeak.c/s=137	FePeak=05:37	FePeak.c/s=18	Cad= 459s Pitch=-709", Yaw=+234"
BCS 05:21	05:41	06:03	Wavelength=1375A	Exp #=85452	Rast=420"x240"	Cad= 459s Pitch=-709", Yaw=+234"
FCS			Associated	Event # = 10709	Step=0"	
UVSP 05:37			Qual=01	Tot Cts=184	MaxkeV=102	
HXRBS 05:37:00	05:37:23	05:37:51	Peak...c/s=50			

Event # = 10717		DOY=69		SMM Pointing:		N35E30		Pitch=-734", Yaw=+155", Roll=-20deg		H. Ang=51deg	
89/03/10, 06:45	Start	06:45:33	End times	Ha...Class=SF	06:46:01	AR5395	AR5395	Mac.=EKC	Carr. Lon.=255deg	H. Ang=49deg	
Optical				Peak...c/s=45				MaxkeV=102	Step=0"	Pitch=-702", Yaw=+207"	
GOES				WaveLength=1375A				Rast=10"x10"			
HXRBS											
UVSP											
Event # = 10718		DOY=69		SMM Pointing:		N35E29		Pitch=-731", Yaw=+145", Roll=-20deg		H. Ang=50deg	
89/03/10, 06:54	Start	06:54:05	End times	Peak...c/s=86	06:54:25	700	700	MaxkeV=144	Step=0"	Pitch=-702", Yaw=+207"	
GOES				WaveLength=1375A				Rast=10"x10"			
HXRBS				15400/42							
UVSP											
Radio											
Event # = 10719		DOY=69		SMM Pointing:		N35E29		Pitch=-731", Yaw=+145", Roll=-20deg		H. Ang=50deg	
89/03/10, 06:56	Start	06:56:39	End times	Peak...c/s=43	06:56:48	101	101	MaxkeV=102	Step=0"	Pitch=-702", Yaw=+207"	
GOES				WaveLength=1375A				Rast=10"x10"			
HXRBS											
UVSP											
Event # = 10721		DOY=69		SMM Pointing:		N35E29		Pitch=-731", Yaw=+145", Roll=-20deg		H. Ang=50deg	
89/03/10, 07:04	Start	07:02:41	End times	Ha...Class=SF	07:03:36	2046	2046	Mac.=EKC	Carr. Lon.=261deg	H. Ang=45deg	
Optical				Importance=C5				MaxkeV=144			
GOES				Peak...c/s=171				FePeak.c/s=36	#Peaks=3	dt= 7.7s	XEN=906905
HXRBS				CaPeak.c/s=183				Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel
BCS				WaveLength=1375A				Rast=10"x10"	Step=0"	Pitch=-752", Yaw=+156"	
FCS											
UVSP											
HXRBS											
UVSP											
Event # = 10723		DOY=69		SMM Pointing:		N35E29		Pitch=-731", Yaw=+145", Roll=-20deg		H. Ang=50deg	
89/03/10, 07:18	Start	07:18:51	End times	Peak...c/s=41	07:19:15	180	180	MaxkeV=102	Step=0"	Pitch=-691", Yaw=+125"	
GOES				WaveLength=1375A				Rast=10"x10"			
HXRBS											
UVSP											
Event # = 10713		DOY=69		SMM Pointing:		N35E29		Pitch=-731", Yaw=+145", Roll=-20deg		H. Ang=50deg	
89/03/10, 07:33	Start	07:33:54	End times	Ha...Class=SF	07:34:07	1028	1028	Mac.=EKC	Carr. Lon.=262deg	H. Ang=45deg	
Optical				Peak...c/s=159				MaxkeV=231	Step=0"	Pitch=-651", Yaw=+143"	
GOES				WaveLength=1375A				Rast=10"x10"			
HXRBS											
UVSP											

Event # = 10724  
 89/03/10, 08:19 Start DOY=69 Peak  
 SMM Pointing: N35E29 H. Ang=50deg  
 Ha...Class=IN End times  
 Ha...Class=SF AR5395 Carr. Lon.=255deg H. Ang=48deg  
 N10M06 AR5399 Carr. Lon.=294deg H. Ang=18deg  
 Qual=04  
 Importance=C9  
 Peak...c/s=94  
 Wavelength=1375A  
 GOES 08:17:00 08:18:23 08:20:36  
 HXRBS 08:17:00 08:18:23 08:20:36  
 UVSP 08:17:00 08:18:23 08:20:36  
 Tot Cts=4031  
 Exp #=85466  
 MaxkeV=144  
 Rast=30"x30" Pitch=10" H. Ang=50deg  
 Flags=SA  
 Step=10" Pitch=-679", Yaw=+208"

Event # = 10725  
 89/03/10, 08:22 Start DOY=69 Peak  
 SMM Pointing: N35E29 H. Ang=50deg  
 Qual=00  
 Qual=01  
 GOES 08:22:40 08:22:55 08:23:03  
 HXRBS 08:22:40 08:22:55 08:23:03  
 UVSP 08:17:00 08:18:23 08:20:36  
 Radio Frequency(MHz)/Flux(sfu): 245/200 410/64  
 Tot Cts=120  
 Exp #=85466  
 MaxkeV=102  
 Rast=30"x30" Pitch=10" H. Ang=50deg  
 Step=10" Pitch=-679", Yaw=+208"

Event # = 10727  
 89/03/10, 08:41 Start DOY=69 Peak  
 SMM Pointing: N35E28 H. Ang=50deg  
 Qual=01  
 Qual=01  
 GOES 08:41:20 08:41:24 08:41:34  
 HXRBS 08:41:20 08:41:24 08:41:34  
 UVSP 08:38:00 08:38:00 08:38:00  
 Associated  
 Event # = 10726  
 GOES 08:36:46 08:37:25 08:38:56  
 HXRBS 08:36:46 08:37:25 08:38:56  
 UVSP 08:17:00 08:18:23 08:20:36  
 Tot Cts=144  
 Exp #=85468  
 MaxkeV=102  
 Rast=30"x30" Pitch=10" H. Ang=50deg  
 Step=10" Pitch=-653", Yaw=+211"

Event # = 10728  
 89/03/10, 08:49 Start DOY=69 Peak  
 SMM Pointing: N35E28 H. Ang=50deg  
 Qual=01  
 Qual=01  
 GOES 08:49:35 08:49:49 08:50:01  
 HXRBS 08:49:35 08:49:49 08:50:01  
 UVSP 08:38:00 08:38:00 08:38:00  
 Tot Cts=347  
 Exp #=85468  
 MaxkeV=102  
 Rast=30"x30" Pitch=10" H. Ang=50deg  
 Step=10" Pitch=-653", Yaw=+211"

Event # = 11148  
 89/03/10, 10:11 Start DOY=69 Peak  
 SMM Pointing: N35E28 H. Ang=50deg  
 Qual=01  
 Qual=03  
 GOES 10:11:41 10:11:58 10:12:48  
 HXRBS 10:11:41 10:11:58 10:12:48  
 UVSP 09:54:00 09:54:00 09:54:00  
 Tot Cts=3048  
 Exp #=85471  
 MaxkeV=102  
 Rast=243"x243" Pitch=3" H. Ang=50deg  
 Step=3" Pitch=-718", Yaw=+140"

Event # = 11149  
 89/03/10, 10:14 Start DOY=69 Peak  
 SMM Pointing: N35E28 H. Ang=50deg  
 Qual=00  
 Qual=01  
 GOES 10:14:41 10:14:52 10:15:11  
 HXRBS 10:14:41 10:14:52 10:15:11  
 UVSP 09:54:00 09:54:00 09:54:00  
 Tot Cts=705  
 Exp #=85471  
 MaxkeV=102  
 Rast=243"x243" Pitch=3" H. Ang=50deg  
 Step=3" Pitch=-718", Yaw=+140"

Event # = 11150  
 89/03/10, 10:29 Start DOY=69 Peak  
 SMM Pointing: N35E28 H. Ang=50deg  
 Qual=01  
 Qual=01  
 GOES 10:28:13 10:29:06 10:30:15  
 HXRBS 10:28:13 10:29:06 10:30:15  
 UVSP 09:54:00 09:54:00 09:54:00  
 Tot Cts=1769  
 Exp #=85471  
 MaxkeV=102  
 Rast=243"x243" Pitch=3" H. Ang=50deg  
 Step=3" Pitch=-718", Yaw=+140"

Event # = 20510		DOY=69		Qual=00		FePeak.c/s=121		#Peaks=2		dt= 7.7s		XEN=906920	
89/03/10,10:40		Start		Qual= 1		Rast=180"x1"		Step=0"		Pitch=-570"		Yaw=-133"	
GOES		10:40		CaPeak.c/s=433		WaveLength=2788A		FePeak=10:40		Exp #=85473			
BCS		09:58		10:43									
UVSP		11:09											
Event # = 10714		DOY=69		N38E13		Pitch=-704"		Yaw=-67"		Roll=-20deg		H.Ang=47deg	
89/03/10,11:36		Start		N38E13		Mac.=EKC		Carr.Lon.=257deg		H.Ang=50deg			
Optical		11:36		12:13		Ha...Class=2B		AR5395					
GOES		11:16:58		11:48:47		Importance=M5		Tot Cts=1.40E+5		Flags=M5			
HXRBS		11:18		12:07		CaPeak.c/s=2115		FePeak=11:31		dt= 7.7s		XEN=906907	
BCS		11:09				WaveLength=2788A		Code=01		Cad= 459s		1.024s/pixel	
FCS		12:07		12:16		8800/120 15400/220		Exp #=85473		Pitch=-570"		Yaw=-133"	
UVSP		12:07				CaPeak.c/s=102		Event # = 20509					
Radio		12:09				Associated		FePeak=12:07					
BCS		10:37:41		10:42:03		WaveLength=2788A		Exp #=85474		dt= 7.7s		XEN=906908	
FCS		12:09				Associated		Event # = 11151		Cad= 590s		1.024s/pixel	
UVSP		12:09				Peak...c/s=659		Tot Cts=18350		Pitch=-568"		Yaw=-139"	
HXRBS		12:09				SMM Pointing:		Flags=I					
Event # = 10715		DOY=69		N38E13		Pitch=-704"		Yaw=-67"		Roll=-20deg		H.Ang=47deg	
89/03/10,11:55		Start		N38E13		MaxkeV=102		Step=0"		Pitch=-568"		Yaw=-139"	
GOES		11:55:05		11:55:38		Qual=00							
HXRBS		12:09				Qual=01							
UVSP		12:09				WaveLength=2788A							
Event # = 10716		DOY=69		N38E13		Pitch=-704"		Yaw=-67"		Roll=-20deg		H.Ang=47deg	
89/03/10,12:03		Start		N38E13		MaxkeV=187		Step=0"		Pitch=-568"		Yaw=-139"	
GOES		12:02:03		12:06:38		Qual=00							
HXRBS		12:09				Qual=01							
UVSP		12:09				Peak...c/s=63		Tot Cts=2311		Step=0"			
Event # = 10730		DOY=69		N38E13		Pitch=-700"		Yaw=-77"		Roll=-20deg		H.Ang=47deg	
89/03/10,13:14		Start		N38E13		Mac.=EKC		Carr.Lon.=260deg		H.Ang=43deg			
Optical		13:14		13:39		Ha...Class=SF		AR5395					
GOES		13:02:08		13:12:17		Importance=C6		Tot Cts=4010		dt= 7.7s		XEN=906909	
HXRBS		13:01		13:49		CaPeak.c/s=243		FePeak=13:10		Cad= 590s		1.024s/pixel	
BCS		13:41				WaveLength=2788A		Exp #=85476		Pitch=-565"		Yaw=-149"	
FCS		12:59:02		12:59:38		Associated		Event # = 10729					
UVSP		12:41				Peak...c/s=58		Tot Cts=304		Step=0"		Pitch=-567"	
HXRBS		12:41				WaveLength=2788A		Exp #=85475					
UVSP		12:41											

Event # = 10731 89/03/10, 13:47 Start	D0Y=69 Peak	End times	SMM Pointing: Ha...Class=SF	N38E13 N31E25 Qual=00	AR5395 Tot Cts=1473 Exp #=85476	Pitch=-700", Yaw=-77", Roll=-20deg Carr. Lon.=260deg Flags=M5 Step=0" Pitch=-565", Yaw=-149"	H. Ang=47deg H. Ang=45deg
Optical GOES HXRBS UVSP	13:47:25 13:47:59 13:41	14:48:48	Peak...c/s=94 Wavelength=2788A	Qual=01			
Event # = 10732 89/03/10, 14:50 Start	D0Y=69 Peak	End times	SMM Pointing: Ha...Class=SF	N38E13 N31E25 Qual=00	AR5395	Pitch=-700", Yaw=-77", Roll=-20deg Carr. Lon.=259deg	H. Ang=47deg H. Ang=45deg
Optical GOES HXRBS BCS FCS UVSP	14:34:42 14:25 15:16	14:37:19 15:23	Peak...c/s=45 CaPeak.c/s=131 Wavelength=2788A	Qual=01 Qual=1	Tot Cts=504 FePeak=14:48 Exp #=85478	MaxkeV=102 FePeak.c/s=20 #Peaks=1 dt= 7.7s XEN=906910 Rast=240"x240" Cad= 590s 1.024s/pixel Step=10" Pitch=-562", Yaw=-159" Rast=180"x1" Step=0"	
Event # = 10733 89/03/10, 15:01 Start	D0Y=69 Peak	End times	SMM Pointing: Ha...Class=SF	N38E12 N34E28 Qual=01	AR5395	Pitch=-697", Yaw=-87", Roll=-20deg Carr. Lon.=256deg	H. Ang=47deg H. Ang=49deg
Optical GOES HXRBS UVSP	15:00:38 15:16	15:02:00	Peak...c/s=45 Wavelength=2788A	Qual=01	Tot Cts=331 Exp #=85478	MaxkeV=102 Rast=180"x1" Step=0" Pitch=-562", Yaw=-159"	
Event # = 10734 89/03/10, 15:17 Start	D0Y=69 Peak	End times	SMM Pointing: Peak...c/s=39 Wavelength=2788A	N38E12 Qual=00 Qual=01	Tot Cts=294 Exp #=85478	Pitch=-697", Yaw=-87", Roll=-20deg MaxkeV=102 Rast=180"x1" Step=0" Pitch=-562", Yaw=-159"	H. Ang=47deg
GOES HXRBS UVSP	15:17:17 15:16	15:18:35					
Event # = 10735 89/03/10, 15:32 Start	D0Y=69 Peak	End times	SMM Pointing: Ha...Class=SF Importance=M1 Peak...c/s=83 Wavelength=2788A Radio Frequency(MHz)/Flux(sfu):	N38E12 N32E27 Qual=02 Qual=01 Code=01 15400/1800	AR5395 Tot Cts=239 Exp #=85478	Pitch=-697", Yaw=-87", Roll=-20deg Carr. Lon.=257deg Step=0" Pitch=-562", Yaw=-159"	H. Ang=47deg H. Ang=47deg
Optical GOES HXRBS UVSP	15:23 15:21:10 15:16	15:43 15:21:14 15:21:25					
Event # = 10736 89/03/10, 16:00 Start	D0Y=69 Peak	End times	SMM Pointing: Peak...c/s=115 CaPeak.c/s=46 Wavelength=2788A	N38E12 Qual=00 Qual=01 Qual=1	Tot Cts=2585 FePeak=16:00 Exp #=85479	Pitch=-697", Yaw=-87", Roll=-20deg MaxkeV=144 FePeak.c/s=12 #Peaks=1 dt= 3.8s XEN=906911 Rast=420"x240" Cad= 459s 1.024s/pixel Step=15" Pitch=-560", Yaw=-163" Rast=180"x1" Step=0"	H. Ang=47deg
GOES HXRBS BCS FCS UVSP	15:57:32 15:59 15:48	16:00:37 16:04					

Event # = 22548		D0Y=69															
89/03/10,16:09	Start	16:08	16:09	16:13	End times	CaPeak.c/s=55	Wavelength=2788A	Qual=01	FePeak=16:09	Exp #=85479	FePeak.c/s=11	Rast=240"x240"	Rast=180"x1"	#Peaks=1	dt= 7.7s	XEN=906912	
GOES																	
BGS																	
FCS																	
UVSP																	
Event # = 10737		D0Y=69															
89/03/10,16:59	Start	16:45	16:59	17:05	End times	SMM Pointing:	N38E11	Qual=02	Tot Cts=14897	Exp #=85480	MaxkeV=187	FePeak.c/s=17	Rast=240"x240"	#Peaks=2	dt= 7.7s	XEN=906913	
GOES						Importance=C5		Qual=01	FePeak=16:50								
HXRBS						Peak...c/s=331		Qual=1									
BGS						CaPeak.c/s=87											
FCS																	
UVSP						Wavelength=2788A											
Radio						245/1000 410/150											
Event # = 10738		D0Y=69															
89/03/10,17:37	Start	17:30	17:37	17:42	End times	SMM Pointing:	N35E24	Qual=01	AR5395								
Optical						Ha...Class=SN											
GOES						Importance=M1											
HXRBS						Peak...c/s=554											
BGS						CaPeak.c/s=800											
FCS																	
UVSP						Wavelength=1375A											
Radio						606/88 8800/140 15400/83											
Event # = 10739		D0Y=69															
89/03/10,17:38	Start	17:30:56	17:31:38	17:32:03	End times	Peak...c/s=67	Associated	Qual=01	Event # = 10739								
HXRBS						Wave length=2788A			Tot Cts=659								
UVSP									Exp #=85481								
Event # = 10740		D0Y=69															
89/03/10,17:57	Start	17:52:16	17:52:24	17:53:17	End times	SMM Pointing:	N35E24	Qual=00	Tot Cts=360								
Optical						Peak...c/s=49		Qual=01	FePeak=17:57								
GOES						CaPeak.c/s=58											
HXRBS						Wavelength=1375A											
BGS						245/550											
FCS																	
UVSP																	
Radio																	
Event # = 10741		D0Y=69															
89/03/10,19:22	Start	18:58	19:22	01:37	End times	SMM Pointing:	N35E26	Qual=03	Tot Cts=6.43E+7								
Optical						Ha...Class=3B			FePeak=19:16								
GOES						Importance=X5			Exp #=85491								
HXRBS						Peak...c/s=74850			8800/22000 15400/25000								
GRS																	
BGS						CaPeak.c/s=7864											
FCS						Wavelength=1375A											
UVSP						606/1300 1415/3600 2695/10000 4995/16000											
Radio																	

BCS 22:11 22:12 23:00 CaPeak.c/s=749 Associated Event # = 20511  
 FCS dt= 7.7s XEN=906918  
 UVSP Rast=180"x180" #Peaks=1 Step=10" dt= 7.7s XEN=906918  
 Rast=265"x265" Step=5" Cad= 332s 1.024s/pixel  
 dt= 7.7s XEN=906918  
 HXRBS 22:16:07 22:20:02 22:26:31 Wavelength=1375A Associated Event # = 10742  
 UVSP Peak...c/s=146 Qual=01 Tot Cts=14596  
 Exp #=85501  
 HXRBS 22:48:52 22:48:58 22:49:34 Associated Event # = 10743  
 UVSP Peak...c/s=46 Qual=01 Tot Cts=240  
 Exp #=85505  
 HXRBS 00:09:44 00:09:55 00:12:38 Associated Event # = 10744  
 UVSP Peak...c/s=56 Qual=01 Tot Cts=1377  
 Exp #=85510  
 BCS 20:38 20:39 21:24 CaPeak.c/s=3814 Associated Event # = 22549  
 FCS FePeak=20:39 FePeak=20:39  
 UVSP Wavelength=1375A Exp #=85494

89/03/11 DOY=70  
 Event # = 10745  
 89/03/11,00:12 DOY=70 SMM Pointing: N35E24 Pitch=-713", Yaw=+83", Roll=-20deg H. Ang=48deg  
 Start Peak End times  
 GOES 00:15:17 00:15:37 00:16:01 Peak...c/s=154 Qual=05  
 HXRBS 23:44 00:12 00:36 CaPeak.c/s=283 Qual=01 Tot Cts=1762  
 BCS 00:11 Frequency(MHz)/Flux(sfu): 245/4200 410/510 Qual=1 FePeak=00:12  
 FCS  
 UVSP Wavelength=1375A Exp #=85512  
 Radio SMM Pointing: N35E24 Pitch=-713", Yaw=+83", Roll=-20deg H. Ang=48deg  
 Event # = 10746  
 89/03/11,00:16 DOY=70 SMM Pointing: N35E24  
 Start Peak End times  
 GOES 00:16:28 00:16:47 00:17:00 Peak...c/s=77 Qual=00  
 HXRBS 00:11 Type/Intensity: III/3 Wavelength=1375A Qual=01 Tot Cts=431  
 UVSP FePeak=00:11 FePeak=00:11 Exp #=85512  
 Radio SMM Pointing: N35E24 Pitch=-713", Yaw=+83", Roll=-20deg H. Ang=48deg  
 Event # = 10747  
 89/03/11,00:17 DOY=70 SMM Pointing: N35E24  
 Start Peak End times  
 GOES 00:17:35 00:17:41 00:17:51 Peak...c/s=38 Qual=00  
 HXRBS 00:11 Type/Intensity: III/3 Wavelength=1375A Qual=01 Tot Cts=103  
 UVSP FePeak=00:11 FePeak=00:11 Exp #=85512  
 Radio SMM Pointing: N35E24 Pitch=-713", Yaw=+83", Roll=-20deg H. Ang=48deg  
 Event # = 10748  
 89/03/11,00:23 DOY=70 SMM Pointing: N35E24  
 Start Peak End times  
 GOES 00:23:28 00:23:37 00:23:46 Peak...c/s=41 Qual=00  
 HXRBS 00:11 Type/Intensity: III/3 Wavelength=1375A Qual=01 Tot Cts=94  
 UVSP FePeak=00:11 FePeak=00:11 Exp #=85512  
 Radio SMM Pointing: N35E24 Pitch=-713", Yaw=+83", Roll=-20deg H. Ang=48deg  
 Event # = 10749  
 89/03/11,00:23 DOY=70 SMM Pointing: N35E24  
 Start Peak End times  
 GOES 00:23:46 00:23:55 00:24:05 Peak...c/s=41 Qual=00  
 HXRBS 00:11 Type/Intensity: III/3 Wavelength=1375A Qual=01 Tot Cts=94  
 UVSP FePeak=00:11 FePeak=00:11 Exp #=85512  
 Radio SMM Pointing: N35E24 Pitch=-713", Yaw=+83", Roll=-20deg H. Ang=48deg

Event # = 10749		89/03/11,00:33		DOY=70		SMM Pointing:		N35E24		Pitch=-713",Yaw=+83",Roll=-20deg		H.Ang=48deg	
Optical		Start		Peak		Ha...Class=SF		AR5395		Mac.=EKC		H.Ang=44deg	
GOES		00:30:50		00:33:48		00:36:55		Qual=02		MaxkeV=187		Flags=ES	
HXRBS		00:34						Tot Cts=7574		Rast=30"x30"		Step=10"	
UVSP		00:34						Exp #=85514		Pitch=-652",Yaw=+90"			
Radio		Frequency(MHz)/Flux(sfu):		410/250		606/170		1415/78		2695/51		4995/73	
8800/62													
Event # = 10750		89/03/11,01:27		DOY=70		SMM Pointing:		N35E23		Pitch=-710",Yaw=+73",Roll=-20deg		H.Ang=48deg	
GOES		Start		Peak		Peak...c/s=86		Qual=00		MaxkeV=102			
HXRBS		01:27:31		01:27:36		01:27:46		Qual=01		Rast=30"x30"		Step=10"	
UVSP		01:24						Tot Cts=217		Pitch=-645",Yaw=+100"			
								Exp #=85517					
Event # = 10751		89/03/11,01:46		DOY=70		SMM Pointing:		N35E23		Pitch=-710",Yaw=+73",Roll=-20deg		H.Ang=48deg	
GOES		Start		Peak		Peak...c/s=55		Qual=00		MaxkeV=102			
HXRBS		01:45:50		01:46:13		01:47:09		Qual=01		Rast=30"x30"		Step=10"	
UVSP		01:46						Tot Cts=455		Pitch=-655",Yaw=+108"			
								Exp #=85519					
Event # = 10752		89/03/11,01:51		DOY=70		SMM Pointing:		N35E23		Pitch=-710",Yaw=+73",Roll=-20deg		H.Ang=48deg	
GOES		Start		Peak		Peak...c/s=78		Qual=00		MaxkeV=144			
HXRBS		01:51:24		01:51:28		01:51:33		Qual=01		Rast=30"x30"		Step=10"	
UVSP		01:46						Tot Cts=121		Pitch=-655",Yaw=+108"			
								Exp #=85519					
Event # = 10753		89/03/11,01:56		DOY=70		SMM Pointing:		N35E23		Pitch=-710",Yaw=+73",Roll=-20deg		H.Ang=48deg	
Optical		Start		Peak		Ha...Class=SF		AR5395		Mac.=EKC		H.Ang=39deg	
GOES		01:53		01:56		02:02		N28E17		MaxkeV=187		dt= 7.7s	
HXRBS		01:52:18		01:54:36		01:55:51		Qual=00		Rast=180"x180"		XEN=907026	
BCS		01:18		01:56		02:16		Qual=01		Step=10"		Cad= 332s	
FCS								Qual= 1		Step=10"		Pitch=-655",Yaw=+108"	
UVSP		01:46						Code=00					
Radio		Frequency(MHz)/Flux(sfu):		245/1400		410/260		Exp #=85519					
Event # = 10754		89/03/11,02:04		DOY=70		SMM Pointing:		N35E23		Pitch=-710",Yaw=+73",Roll=-20deg		H.Ang=48deg	
GOES		Start		Peak		Peak...c/s=160		Qual=01		MaxkeV=102			
HXRBS		02:01:52		02:04:00		02:05:18		Qual=01		Rast=30"x30"		Step=10"	
UVSP		01:46						Tot Cts=5319		Pitch=-655",Yaw=+108"			
Radio Sweeps		Type/Intensity:		III/2				Exp #=85519					
Event # = 10755		89/03/11,03:04		DOY=70		SMM Pointing:		N35E23		Pitch=-710",Yaw=+73",Roll=-20deg		H.Ang=48deg	
GOES		Start		Peak		Peak...c/s=66		Qual=00		MaxkeV=187			
HXRBS		03:03:07		03:04:02		03:06:13		Qual=01		Rast=10"x10"		Step=0"	
UVSP		02:57						Tot Cts=1850		Pitch=-647",Yaw=+85"			
Radio		Frequency(MHz)/Flux(sfu):		1415/32		2695/44		4995/11		8800/60		15400/17	



Event # = 10756  
 89/03/11 03:34 DOY=70 Peak Pitch=-707", Yaw=+63", Roll=-20deg H. Ang=47deg  
 Start SMM Pointing: N35E22 Carr. Lon.=259deg H. Ang=38deg  
 Optical Ha...Class=1N AR5395  
 G0ES 03:20 03:34 03:40 Qual=00  
 HXRBS 03:29:13 03:31:49 03:33:50 Peak...c/s=2588 Qual=01  
 BCS 02:51 03:44 03:49 CaPeak.c/s=1661 Qual=1  
 FCS Wavelength=1375A Code=00 Exp #=85528  
 UVSP Radio Sweeps Type/Intensity: I11/2  
 Radio Frequency (MHz)/Flux(sfu): 245/830 410/240 606/160 1415/13 4995/20 8800/74 15400/94  
 HXRBS 03:36:07 03:42:22 03:48:53 Peak...c/s=626 Qual=01  
 UVSP 03:37 Wavelength=1375A  
 Radio Sweeps Type/Intensity: I11/3  
 BCS 03:49 03:49 03:49 CaPeak.c/s=19  
 FCS Wavelength=1375A  
 UVSP 03:37 Exp #=85530

Event # = 10758  
 89/03/11 04:31 DOY=70 Peak Pitch=-707", Yaw=+63", Roll=-20deg H. Ang=47deg  
 Start SMM Pointing: N35E22  
 G0ES Qual=00  
 HXRBS 04:31:08 04:31:35 04:32:02 Peak...c/s=675 Qual=01  
 UVSP 04:31 Wavelength=1375A  
 Tot Cts=6348  
 Exp #=85533

Event # = 10759  
 89/03/11 04:53 DOY=70 Peak Pitch=-703", Yaw=+53", Roll=-20deg H. Ang=47deg  
 Start SMM Pointing: N35E21  
 G0ES Qual=00  
 HXRBS 04:53:08 04:53:18 04:53:48 Peak...c/s=156 Qual=01  
 UVSP 04:44 Wavelength=1375A  
 Tot Cts=1345  
 Exp #=85535

Event # = 10760  
 89/03/11 05:04 DOY=70 Peak Pitch=-703", Yaw=+53", Roll=-20deg H. Ang=47deg  
 Start SMM Pointing: N35E21  
 Optical Ha...Class=SF AR5395  
 G0ES 05:03:39 05:04:40 05:04:49 Peak...c/s=114 Qual=01  
 HXRBS Wavelength=1375A  
 UVSP Tot Cts=392  
 Exp #=85537

Event # = 11152  
 89/03/11 05:07 DOY=70 Peak Pitch=-703", Yaw=+53", Roll=-20deg H. Ang=47deg  
 Start SMM Pointing: N35E21  
 Optical Ha...Class=SF AR5395  
 G0ES 05:07:11 05:07:34 05:07:41 Peak...c/s=43 Qual=01  
 HXRBS Wavelength=1375A  
 UVSP Tot Cts=150  
 Exp #=85537



Event # = 10767	DOY=70	SMM Pointing:	N35E20	Pitch=-697", Yaw=+32", Roll=-20deg	H. Ang=46deg
89/03/11, 08:04	Peak	End times			
GOES			Qual=06		
HXRBS	07:59:51 08:00:26 08:03:39	Peak...c/s=147	Qual=01	dt= 3.8s	XEN=907004
BCS	07:37 08:04 08:20	CaPeak.c/s=85	Qual= 1	Cad=41.5s	0.512s/pixel
FCS				Step=20"	
UVSP	07:58	Wavelength=1375A		Step=10"	Pitch=-612", Yaw=+8"
Radio	Frequency (MHz)/Flux(sfu):	2695/37 4995/100 8800/73			
Event # = 10768	DOY=70	SMM Pointing:	N35E20	Pitch=-697", Yaw=+32", Roll=-20deg	H. Ang=46deg
89/03/11, 08:09	Peak	End times			
GOES			Qual=00		
HXRBS	08:09:39 08:09:59 08:10:19	Peak...c/s=66	Qual=01	Step=10"	Pitch=-612", Yaw=+8"
UVSP	07:58	Wavelength=1375A			
Radio	Frequency (MHz)/Flux(sfu):	245/27 410/51 606/17			
Event # = 10769	DOY=70	SMM Pointing:	N35E20	Pitch=-697", Yaw=+32", Roll=-20deg	H. Ang=46deg
89/03/11, 08:28	Peak	End times			
GOES			Qual=00		
HXRBS	08:27:38 08:27:52 08:28:22	Peak...c/s=64	Qual=01	dt= 7.7s	XEN=907005
BCS	08:28 08:28 08:29	CaPeak.c/s=19	Qual= 2	Cad= 590s	1.024s/pixel
FCS				Step=10"	
UVSP	08:24	Wavelength=2788A		Step=0"	Pitch=-562", Yaw=-41"
Radio	Frequency (MHz)/Flux(sfu):	8800/38 15400/57			
Event # = 10770	DOY=70	SMM Pointing:	N35E20	Pitch=-697", Yaw=+32", Roll=-20deg	H. Ang=46deg
89/03/11, 09:04	Peak	End times			
Optical					
GOES	08:57 09:04 09:21	Ha...Class=2B	N29E16	Mac. =EKC	Carr. Lon.=258deg
HXRBS	09:03:57 09:04:12 09:06:16	Importance=X1	Qual=01	MaxkeV=231	Flags=SN
BCS	09:05 09:05 09:10	Peak...c/s=480	Qual=02	dt= 3.8s	XEN=907006
FCS		CaPeak.c/s=2478	Qual= 5	Cad= 590s	1.024s/pixel
UVSP	08:56	Wavelength=2788A		Step=10"	
Radio	Frequency (MHz)/Flux(sfu):	410/660 606/280 1415/220 2695/220 4995/500		Step=0"	Pitch=-560", Yaw=-45"
HXRBS	09:08:51 09:09:14 09:09:56	Associated	Event # = 10771	MaxkeV=144	
UVSP	09:15	Peak...c/s=100	Qual=01	Rast=15"x15"	Step=3"
		Wavelength=2788A			
Event # = 10772	DOY=70	SMM Pointing:	N35E19	Pitch=-694", Yaw=+22", Roll=-20deg	H. Ang=46deg
89/03/11, 09:30	Peak	End times			
GOES			Qual=01		
HXRBS	09:29:46 09:30:06 09:30:18	Peak...c/s=108	Qual=01	MaxkeV=144	
UVSP	09:15	Wavelength=2788A		Rast=243"x243"	Step=3"
					Pitch=-687", Yaw=+36"
Event # = 10774	DOY=70	SMM Pointing:	N35E19	Pitch=-694", Yaw=+22", Roll=-20deg	H. Ang=46deg
89/03/11, 09:46	Peak	End times			
GOES			Qual=03		
HXRBS	09:46:00 09:46:16 09:46:43	Peak...c/s=42	Qual=01	MaxkeV=102	
UVSP	09:15	Wavelength=2788A		Rast=243"x243"	Step=3"
					Pitch=-687", Yaw=+36"

Event # = 10773		SMM Pointing:		N35E19		Pitch=-694", Yaw=+22", Roll=-20deg		H. Ang=46deg	
89/03/11,09:48	DOY=70	Start	End times	Peak					
GOES	09:39:53	09:40:12	09:43:56	09:48	Peak...c/s=73	Qual=03	MaxkeV=102	#Peaks=3	dt= 7.7s
HXRBS	09:10	09:48	10:03		CaPeak.c/s=322	Qual=01	FePeak.c/s=74	Step=5"	Cad=1083s
FCS						Qual= 1	Rast=115"x115"	Step=3"	Pitch=-687", Yaw=+36"
UVSP	09:15				Wavelength=2788A		Rast=243"x243"		
Event # = 10775		SMM Pointing:		N38E06		Pitch=-672", Yaw=-161", Roll=-20deg		H. Ang=46deg	
89/03/11,10:39	DOY=70	Start	End times	Peak					
Optical					Ha...Class=SF	N33E17	Mac.=EKC	Carr.Lon.=256deg	H. Ang=43deg
GOES	10:40:51	10:41:04	10:41:39	10:39	Peak...c/s=62	Qual=00	MaxkeV=102	#Peaks=1	dt= 3.8s
HXRBS	10:38	10:39	10:43		CaPeak.c/s=35	Qual=01	FePeak.c/s=10	Step=15"	Cad= 459s
FCS						Qual= 4	Rast=420"x240"	Step=0"	Pitch=-557", Yaw=-55"
UVSP	10:28				Wavelength=2788A		Rast=180"x1"		
Event # = 10776		SMM Pointing:		N38E06		Pitch=-672", Yaw=-161", Roll=-20deg		H. Ang=46deg	
89/03/11,10:47	DOY=70	Start	End times	Peak					
GOES	10:45:51	10:47:10	10:48:00	10:28	Peak...c/s=49	Qual=00	MaxkeV=102	Step=0"	Pitch=-557", Yaw=-55"
HXRBS	10:45:51	10:47:10	10:48:00	10:28	Wavelength=2788A	Qual=01	Rast=180"x1"		
UVSP	10:28								
Event # = 10777		SMM Pointing:		N38E06		Pitch=-672", Yaw=-161", Roll=-20deg		H. Ang=46deg	
89/03/11,10:51	DOY=70	Start	End times	Peak					
GOES	10:50:55	10:51:08	10:52:21	10:28	Peak...c/s=54	Qual=00	MaxkeV=102	Step=0"	Pitch=-557", Yaw=-55"
HXRBS	10:50:55	10:51:08	10:52:21	10:28	Wavelength=2788A	Qual=01	Rast=180"x1"		
UVSP	10:28								
Event # = 10778		SMM Pointing:		N38E06		Pitch=-672", Yaw=-161", Roll=-20deg		H. Ang=46deg	
89/03/11,10:57	DOY=70	Start	End times	Peak					
GOES	10:53:33	10:53:58	10:57:39	10:57	Peak...c/s=106	Qual=00	MaxkeV=102	#Peaks=1	dt= 7.7s
HXRBS	10:46	10:57	11:13		CaPeak.c/s=159	Qual=01	FePeak.c/s=26	Step=10"	Cad= 590s
FCS						Qual= 1	Rast=240"x240"	Step=0"	Pitch=-557", Yaw=-55"
UVSP	10:28				Wavelength=2788A		Rast=180"x1"		
Radio					Frequency(MHz)/Flux(sfu): 8800/91				
Event # = 10779		SMM Pointing:		N38E06		Pitch=-672", Yaw=-161", Roll=-20deg		H. Ang=46deg	
89/03/11,11:28	DOY=70	Start	End times	Peak					
GOES	11:25:59	11:26:44	11:27:11	11:28	Peak...c/s=135	Qual=01	MaxkeV=144	#Peaks=1	dt= 7.7s
HXRBS	11:24	11:28	11:35		CaPeak.c/s=71	Qual=01	FePeak.c/s=14	Step=10"	Cad= 590s
FCS						Qual= 1	Rast=240"x240"	Step=0"	Pitch=-535", Yaw=-236"
UVSP	11:29				Wavelength=2788A		Rast=180"x1"		
Radio					Frequency(MHz)/Flux(sfu): 245/490 410/310				

Event # = 10780 89/03/11, 12:31	DOY=70 Peak	End times	SMM Pointing:	N38E05	Pitch=-668", Yaw=-172", Roll=-20deg	H. Ang=45deg
Optical			Ha...Class=SN	N32E14	Mac.=EKC	H. Ang=41deg
G0ES	12:31	12:39	Importance=M1	Qual=01		
HXRBS	12:20:28	12:33:56	Peak...c/s=138	Qual=01	#Peaks=3 dt= 7.7s	XEN=907011
BCS	12:12	12:57	CaPeak.c/s=584	Qual= 1	Step=10" Cad= 590s	1.024s/pixel
FCS					Step=0" Pitch=-534", Yaw=-240"	
UVSP	12:03		Wavelength=2788A			
Radio	Frequency (MHz)/Flux(sfu):		8800/75 15400/65			
Event # = 10781 89/03/11, 12:57	DOY=70 Peak	End times	SMM Pointing:	N38E05	Pitch=-668", Yaw=-172", Roll=-20deg	H. Ang=45deg
Optical			Ha...Class=SF	S18E23	Mac.=CAO	H. Ang=25deg
G0ES	12:51:41	12:52:06	Peak...c/s=221	Qual=01		
HXRBS	12:57	13:03	CaPeak.c/s=28	Qual= 5	#Peaks=1 dt= 7.7s	XEN=907012
BCS					Step=10" Cad= 590s	1.024s/pixel
FCS					Step=0" Pitch=-531", Yaw=-246"	
UVSP	13:02		Wavelength=2788A			
Event # = 10782 89/03/11, 13:46	DOY=70 Peak	End times	SMM Pointing:	N38E05	Pitch=-668", Yaw=-172", Roll=-20deg	H. Ang=45deg
G0ES	13:45:58	13:46:15	Peak...c/s=51	Qual=00		
HXRBS	13:35	13:46:28	WaveLength=2788A	Qual=01	Step=0" Pitch=-530", Yaw=-250"	
UVSP						
Event # = 22551 89/03/11, 13:48	DOY=70 Peak	End times	Ha...Class=SF	N28E13	Mac.=EKC	H. Ang=37deg
Optical			CaPeak.c/s=29	Qual= 4		
G0ES	13:46	13:53	WaveLength=2788A			
BCS						
FCS						
UVSP	13:35					
Event # = 10783 89/03/11, 14:08	DOY=70 Peak	End times	SMM Pointing:	N38E04	Pitch=-664", Yaw=-182", Roll=-20deg	H. Ang=45deg
Optical			Ha...Class=SF	N30E11	Mac.=EKC	H. Ang=39deg
G0ES	14:01	14:15	Importance=M1	Qual=01		
HXRBS	14:01:30	14:05:09	Peak...c/s=374	Qual=01	#Peaks=1 dt= 3.8s	XEN=907014
BCS	14:02	14:17	CaPeak.c/s=565	Qual= 1	Step=10" Cad= 590s	1.024s/pixel
FCS					Step=0" Pitch=-528", Yaw=-256"	
UVSP	14:36		Wavelength=2788A			
Radio	Frequency (MHz)/Flux(sfu):		245/640 606/120 8800/110 15400/82			
HXRBS	14:14:34	14:14:52	Peak...c/s=38	Qual=01	MaxkeV=102	XEN=907015
BCS	14:18	14:20	CaPeak.c/s=20	Qual= 5	FePeak.c/s=6 dt= 7.7s	XEN=907015
FCS					Step=10" Cad= 590s	1.024s/pixel

Event # = 22553		DOY=70													
89/03/11, 14:24		Peak													
Start		End times													
GOES	14:24	14:24	14:26	CaPeak.c/s=21	Qual=00	FePeak=14:24	Exp #=85564	dt= 7.7s	XEN=907016	#Peaks=1	dt= 7.7s	XEN=907016			
BGS					Qual= 5					Step=10"					
FCS										Step=10"					
UVSP	14:36			Wavelength=2788A						Step=0"					
Event # = 10785		DOY=70													
89/03/11, 15:24		Peak													
Start		End times													
SMM Pointing:															
Optical					N38E04										
GOES	15:21	15:24	15:26	Ha...Class=SF	S15E31	AR5398									
HXRBS	15:22:11	15:23:09	15:23:22	Importance=C4	Qual=01										
BGS	15:23	15:23	15:26	Peak...c/s=233	Qual= 5										
FCS				CaPeak.c/s=53											
UVSP	15:09			Wavelength=2788A	Code=00	Exp #=85565									
HXRBS	15:24:04	15:24:24	15:24:45	Associated	Qual=01	Event # = 10786									
Radio				Frequency(MHz)/Flux(sfu):	15400/69	Tot Cts=405									
Event # = 10787		DOY=70													
89/03/11, 15:40		Peak													
Start		End times													
SMM Pointing:															
Optical					N38E03										
GOES	15:33	15:40	15:51	Ha...Class=2B	N28E13	AR5395									
HXRBS	15:34:12	15:37:04	15:49:56	Importance=X1	Qual=01										
BGS	15:34	15:39	15:50	Peak...c/s=9388	Qual=01										
FCS				CaPeak.c/s=5336	Qual= 1										
UVSP	16:08			Wavelength=2788A		Exp #=85566									
HXRBS	15:52:45	15:53:21	15:54:19	Associated	Qual=01	Event # = 10788									
HXRBS	15:54:30	15:55:35	15:55:46	Peak...c/s=139	Qual=01	Tot Cts=1061									
BGS	15:50	15:50	16:02	Associated	Qual=01	Tot Cts=1853									
FCS				CaPeak.c/s=232	Qual= 5	Event # = 22554									
Event # = 22555		DOY=70													
89/03/11, 16:07		Peak													
Start		End times													
Importance=C3															
GOES	16:04	16:07	16:10	CaPeak.c/s=49	Qual= 1	FePeak=16:06									
BGS	16:05	16:06	16:12	Wavelength=2788A	Code=02	Exp #=85566									
UVSP	16:08														
Event # = 10790		DOY=70													
89/03/11, 16:13		Peak													
Start		End times													
SMM Pointing:															
Optical					N38E03										
GOES	16:12:51	16:13:18	16:13:46	Ha...Class=C4	Qual=00										
HXRBS	16:13:18	16:13:46	16:13:46	Peak...c/s=145	Qual=01	Tot Cts=1796									
UVSP	16:08			Wavelength=2788A		Exp #=85566									

Event # = 10791	DOY=70		SMM Pointing:	N35E15		Pitch=-678", Yaw=-26", Roll=-20deg	H.Ang=45deg
89/03/11, 17:10	Peak	End times					
GOES			Peak...c/s=107	Qual=00			
HXRBS	17:10:38	17:11:36	Wavelength=1375A	Qual=01	Tot Cts=878	MaxkeV=102	
UVSP	17:05		Frequency(MHz)/Flux(sfu):		Exp #=85570	Rast=30"x30"	Step=10" Pitch=-603", Yaw=-31"
Radio							
Event # = 10792	DOY=70		SMM Pointing:	N35E15		Pitch=-678", Yaw=-26", Roll=-20deg	H.Ang=45deg
89/03/11, 17:16	Peak	End times					
GOES			Peak...c/s=57	Qual=00			
HXRBS	17:16:10	17:16:48	Wavelength=1375A	Qual=01	Tot Cts=301	MaxkeV=102	
UVSP	17:05				Exp #=85570	Rast=30"x30"	Step=10" Pitch=-603", Yaw=-31"
Event # = 10793	DOY=70		SMM Pointing:	N35E15		Pitch=-678", Yaw=-26", Roll=-20deg	H.Ang=45deg
89/03/11, 17:20	Peak	End times					
Optical			Ha...Class=SF		AR5395	Mac.=EKC	H.Ang=38deg
GOES			Peak...c/s=45	Qual=00		MaxkeV=102	
HXRBS	17:20:01	17:20:37	Wavelength=1375A	Qual=01	Tot Cts=186	Rast=30"x30"	Step=10" Pitch=-603", Yaw=-31"
UVSP	17:05				Exp #=85570		
Event # = 10794	DOY=70		SMM Pointing:	N35E15		Pitch=-678", Yaw=-26", Roll=-20deg	H.Ang=45deg
89/03/11, 17:27	Peak	End times					
Optical			Ha...Class=SF		AR5395	Mac.=EKC	H.Ang=38deg
GOES			Peak...c/s=56	Qual=00		MaxkeV=102	
HXRBS	17:26:44	17:27:13	Wavelength=1375A	Qual=01	Tot Cts=266	Rast=30"x30"	Step=10" Pitch=-597", Yaw=-34"
UVSP	17:26				Exp #=85572		
Event # = 10795	DOY=70		SMM Pointing:	N35E15		Pitch=-678", Yaw=-26", Roll=-20deg	H.Ang=45deg
89/03/11, 17:32	Peak	End times					
Optical			Ha...Class=SF		AR5395	Mac.=EKC	H.Ang=38deg
GOES			Peak...c/s=260	Qual=00		MaxkeV=231	
HXRBS	17:28:53	17:30:51	CaPeak.c/s=121	Qual=11	Tot Cts=6310	FePeak.c/s=34	dt= 7.7s XEN=907021
BCS	17:11	17:32	Peak3...c/s=-1	Qual= 1	FePeak=17:32	Rast=0"x0"	Cad=.26s 0.256s/pixel
FCS			Wavelength=1375A		Exp #=85572	Rast=30"x30"	Step=10" Pitch=-597", Yaw=-34"
UVSP	17:26						
Event # = 10796	DOY=70		SMM Pointing:	N35E15		Pitch=-678", Yaw=-26", Roll=-20deg	H.Ang=45deg
89/03/11, 17:41	Peak	End times					
GOES			Peak...c/s=105	Qual=00		MaxkeV=144	
HXRBS	17:39:40	17:43:36	Wavelength=2788A	Qual=01	Tot Cts=5847	Rast=180"x1"	Step=0" Pitch=-542", Yaw=-101"
UVSP	17:43				Exp #=85573		

Event # = 10797		DOY=70		SMM Pointing:		N35E14		Pitch=-674", Yaw=-36", Roll=-20deg		H. Ang=44deg	
89/03/11, 18:36	Start	18:36	Peak	18:51	End times	Importance=M1	Qual=05	MaxkeV=274	Flags=M5, SN, ES, FS		
GOES		18:36		18:51		Peak...c/s=710	Qual=04	FePeak.c/s=69	#Peaks=1	dt= 7.7s	XEN=907022
HXRBS		18:24:59		19:07:35		CaPeak.c/s=418	Qual= 1	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
BGS		18:25		19:07				Rast=30"x30"	Step=10"	Pitch=-595"	Yaw=-36"
FCS											
UVSP	18:30										
Radio Sweeps	Type/Intensity:										
Frequency (MHz)/Flux(sfu):	410/6200										
Event # = 10798		DOY=70		SMM Pointing:		N35E14		Pitch=-674", Yaw=-36", Roll=-20deg		H. Ang=44deg	
89/03/11, 19:59	Start	19:59	Peak	20:42	End times	Importance=M1	Qual=00	MaxkeV=231	Flags=SN		
GOES		19:57:22		19:58:13		Peak...c/s=143	Qual=02	FePeak.c/s=25	#Peaks=1	dt= 3.8s	XEN=907023
HXRBS		19:58		20:42		CaPeak.c/s=206	Qual= 4	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
FCS								Rast=265"x265"	Step=5"	Pitch=-664"	Yaw=-33"
UVSP	20:00					Wavelength=1375A					
Event # = 10799		DOY=70		SMM Pointing:		N35E14		Pitch=-671", Yaw=-47", Roll=-20deg		H. Ang=44deg	
89/03/11, 20:05	Start	20:05	Peak	20:51	End times	Importance=M1	Qual=05	MaxkeV=102			
GOES		20:04:53		20:05:51		Peak...c/s=42	Qual=01	Rast=10"x10"	Step=0"	Pitch=-587"	Yaw=-96"
HXRBS		20:05				Wavelength=1375A					
UVSP	20:05										
Event # = 10800		DOY=70		SMM Pointing:		N35E14		Pitch=-671", Yaw=-47", Roll=-20deg		H. Ang=44deg	
89/03/11, 20:11	Start	20:11	Peak	20:49	End times	Importance=M1	Qual=05	MaxkeV=102			
GOES		20:11:17		20:11:49		Peak...c/s=61	Qual=01	Rast=10"x10"	Step=0"	Pitch=-587"	Yaw=-96"
HXRBS		20:05				Wavelength=1375A					
UVSP	20:05										
Event # = 10801		DOY=70		SMM Pointing:		N35E14		Pitch=-671", Yaw=-47", Roll=-20deg		H. Ang=44deg	
89/03/11, 20:27	Start	20:27	Peak	20:53	End times	Importance=M1	Qual=01	MaxkeV=102			
GOES		20:27:40		20:28:03		Peak...c/s=87	Qual=01	Rast=10"x10"	Step=0"	Pitch=-576"	Yaw=-82"
HXRBS		20:18				Wavelength=1375A					
UVSP	20:18										
Event # = 10802		DOY=70		SMM Pointing:		N35E13		Pitch=-668", Yaw=-57", Roll=-20deg		H. Ang=44deg	
89/03/11, 21:52	Start	21:52	Peak	22:18	End times	Importance=M1	Qual=01	MaxkeV=102			
GOES		21:49:32		21:49:45		Peak...c/s=55	Qual=01	Rast=240"x240"	Step=10"	Cad= 590s	XEN=907024
HXRBS		21:32		22:18		CaPeak.c/s=70	Qual= 1	Rast=30"x30"	Step=10"	Pitch=-573"	Yaw=-101"
BGS											
FCS											
UVSP	21:37					Wavelength=1375A					
Event # = 10803		DOY=70		SMM Pointing:		N35E12		Pitch=-664", Yaw=-67", Roll=-20deg		H. Ang=44deg	
89/03/11, 23:18	Start	23:18	Peak	00:08	End times	Importance=M1	Qual=01	MaxkeV=144			
GOES		23:12		23:15:25		Peak...c/s=183	Qual=01	Rast=30"x30"	Step=10"	Pitch=-575"	Yaw=-112"
HXRBS		23:12:08				Wavelength=1375A					
UVSP	23:11										



Event # = 10804	D0Y=70								Pitch=-664" , Yaw=-67" , Roll=-20deg	H. Ang=44deg
89/03/11,23:44	Start									
GOES				SMM Pointing:	N35E12					
HXRBS	23:41:17	23:41:54	23:43:38	Peak...c/s=45	Qual=01				MaxkeV=102	
BCS	23:05	23:44	23:54	CaPeak.c/s=129	Qual=01				FePeak.c/s=23	#Peaks=2 dt= 7.7s XEN=907025
FCS		23:22		Peak3..c/s=11	Qual=1				Rast=240"x240"	Cad= 590s 1.024s/pixel
UVSP	23:32			Wavelength=1375A					Rast=30"x30"	Pitch=-564" , Yaw=-99"
89/03/12 D0Y=71										
Event # = 10811	D0Y=71								Pitch=-661" , Yaw=-78" , Roll=-20deg	H. Ang=43deg
89/03/12,00:31	Start			SMM Pointing:	N35E11					
Optical									Mac.=EKC	Carr. Lon.=257deg H. Ang=36deg
GOES	00:17	00:31	00:42	Ha...Class=2B	N28E09					
HXRBS	00:38:39	00:38:57	00:39:06	Importance=M7	Qual=05				MaxkeV=102	
UVSP	00:41			Peak...c/s=51	Qual=01				Rast=265"x265"	Step=5" Pitch=-654" , Yaw=-65"
				Wavelength=1375A						
Event # = 10812	D0Y=71								Pitch=-661" , Yaw=-78" , Roll=-20deg	H. Ang=43deg
89/03/12,00:42	Start			SMM Pointing:	N35E11					
GOES									MaxkeV=102	
HXRBS	00:42:18	00:42:38	00:42:48	Peak...c/s=80	Qual=00				Rast=265"x265"	Step=5" Pitch=-654" , Yaw=-65"
UVSP	00:41			Wavelength=1375A	Qual=01					
Event # = 10813	D0Y=71								Pitch=-661" , Yaw=-78" , Roll=-20deg	H. Ang=43deg
89/03/12,00:47	Start			SMM Pointing:	N35E11					
GOES	00:44	00:47	00:49	Importance=C8	Qual=01				MaxkeV=144	
HXRBS	00:44:37	00:44:51	00:48:51	Peak...c/s=138	Qual=01				FePeak.c/s=52	#Peaks=2 dt= 7.7s XEN=907100
BCS	00:38	00:46	01:33	CaPeak.c/s=203	Qual=1				Rast=240"x240"	Cad= 590s 1.024s/pixel
FCS									Rast=30"x30"	Pitch=-561" , Yaw=-127"
UVSP	00:45			Wavelength=1375A	Code=00					
Radio Sweeps		Type/Intensity:		I11/2						
Radio Frequency(MHz)/Flux(sfu):				245/2100 410/250 606/160						
Event # = 10814	D0Y=71								Pitch=-661" , Yaw=-78" , Roll=-20deg	H. Ang=43deg
89/03/12,01:13	Start			SMM Pointing:	N35E11					
GOES									MaxkeV=102	
HXRBS	01:12:12	01:13:07	01:13:56	Peak...c/s=50	Qual=01				Rast=30"x30"	Step=10" Pitch=-560" , Yaw=-115"
UVSP	01:06			Wavelength=1375A						
Event # = 10805	D0Y=71								Pitch=-657" , Yaw=-88" , Roll=-20deg	H. Ang=43deg
89/03/12,02:18	Start			SMM Pointing:	N35E10					
GOES									MaxkeV=102	
HXRBS	02:16:39	02:18:42	02:19:00	Peak...c/s=57	Qual=00				Rast=30"x30"	Step=10" Pitch=-578" , Yaw=-148"
UVSP	02:18			Wavelength=1375A	Qual=01					
Radio Frequency(MHz)/Flux(sfu):				245/3700						

Event # = 10806		SMM Pointing:		N35E10		Pitch=-657", Yaw=-88", Roll=-20deg		H. Ang=43deg	
89/03/12	02:21	DOY=71	Peak	End times					
GOES	02:21:34	02:21:37	02:22:52	Peak...c/s=67	Qual=00				
HXRBS	02:18			Wavelength=1375A	Qual=01				
UVSP	02:18			Frequency(MHz)/Flux(sfu): 245/740					
Radio									
Event # = 10808		SMM Pointing:		N35E10		Pitch=-657", Yaw=-88", Roll=-20deg		H. Ang=43deg	
89/03/12	03:00	DOY=71	Peak	End times					
Optical				Ha...Class=SF	N30E06				
GOES	03:00:11	03:00:43	03:01:23	Peak...c/s=69	Qual=03				
HXRBS	03:01			Wavelength=1375A	Qual=01				
UVSP	03:01								
Radio									
Event # = 10807		SMM Pointing:		N35E10		Pitch=-657", Yaw=-88", Roll=-20deg		H. Ang=43deg	
89/03/12	03:02	DOY=71	Peak	End times					
GOES	02:41:18	02:42:24	02:46:03	Peak...c/s=46	Qual=00				
HXRBS	02:11	03:02	03:09	CaPeak.c/s=130	Qual=11				
BCS					Qual=1				
FCS									
UVSP	03:01			Wavelength=1375A					
Radio				Frequency(MHz)/Flux(sfu): 245/170 410/270 606/53					
Event # = 22557		SMM Pointing:		N35E10		Pitch=-586", Yaw=-305", Roll=-39deg		H. Ang=43deg	
89/03/12	03:49	DOY=71	Peak	End times					
GOES	03:47	03:49	03:58	CaPeak.c/s=20	Qual=00				
BCS					Qual=4				
FCS									
UVSP	03:48			Wavelength=1375A					
Event # = 10809		SMM Pointing:		N35E10		Pitch=-586", Yaw=-305", Roll=-39deg		H. Ang=43deg	
89/03/12	04:02	DOY=71	Peak	End times					
Optical				Ha...Class=SF	N30W75				
Optical				Code=EPL	N33W90				
GOES	04:02:14	04:02:30	04:02:33	Peak...c/s=49	Qual=00				
HXRBS	03:50			Wavelength=1375A	Qual=01				
UVSP	03:50								
Radio									
Event # = 10810		SMM Pointing:		N35E10		Pitch=-586", Yaw=-305", Roll=-39deg		H. Ang=43deg	
89/03/12	04:11	DOY=71	Peak	End times					
GOES	04:11:09	04:11:23	04:11:29	Peak...c/s=42	Qual=00				
HXRBS	04:05	04:11	04:15	CaPeak.c/s=29	Qual=01				
BCS					Qual=1				
FCS									
UVSP	04:05			Wavelength=1375A					
Radio									

Event # = 22558	DOY=71	End times	Qual=00	FePeak=04:39	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=907104
89/03/12 04:37	Peak		Qual= 3		Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
GOES	04:31	04:42	CaPeak.c/s=28	Exp #=85626	Rast=10"x10"	Step=0"	Pitch=-479"	Yaw=-309"
BCS			Wavelength=1375A					
UVSP	04:31							
Event # = 10832	DOY=71	End times	N35E09		Pitch=-650"	Yaw=-109"	Roll=-20deg	H.Ang=43deg
89/03/12 05:20	Peak							
GOES	05:19:57	05:20:10	Peak...c/s=42	Tot Cts=145	MaxkeV=102	Step=5"	Pitch=-643"	Yaw=-96"
HXRBS	05:20		Wavelength=1375A	Exp #=85627	Rast=265"x265"			
UVSP								
Event # = 10833	DOY=71	End times	N35E09		Pitch=-650"	Yaw=-109"	Roll=-20deg	H.Ang=43deg
89/03/12 05:54	Peak							
Optical				AR5395	Mac.=EKC	Carr.Lon.=262deg		H.Ang=39deg
GOES	05:21	05:54	Ha...Class=SF		MaxkeV=231	Flags=M5,FS		
HXRBS	05:21:17	05:25:00	Importance=C8	Tot Cts=24232	FePeak.c/s=109	#Peaks=2	dt= 7.7s	XEN=907105
BCS	05:22	06:09	Peak...c/s=1280	FePeak=06:08	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
FCS			CaPeak.c/s=382		Rast=30"x30"	Step=10"	Pitch=-600"	Yaw=-191"
UVSP	05:45		Wavelength=1375A	Exp #=85631	MaxkeV=231	Flags=FS		
Radio	Frequency (MHz)/Flux(sfu):		4995/82 8800/240 15400/310	Event # = 10834				
HXRBS	05:35:49	05:53:25	Peak...c/s=804	Tot Cts=9470				
Event # = 10835	DOY=71	End times	N35E09		Pitch=-650"	Yaw=-109"	Roll=-20deg	H.Ang=43deg
89/03/12 06:09	Peak							
Optical				AR5395	Mac.=EKC	Carr.Lon.=255deg		H.Ang=37deg
GOES	06:05	06:09	Ha...Class=SN		MaxkeV=102			
HXRBS	06:05:42	06:07:15	Importance=C9	Tot Cts=2186	Rast=30"x30"	Step=10"	Pitch=-574"	Yaw=-173"
UVSP	06:07		Peak...c/s=72	Exp #=85633				
Radio	Frequency (MHz)/Flux(sfu):		8800/35					
Event # = 10815	DOY=71	End times	N35E08		Pitch=-647"	Yaw=-119"	Roll=-20deg	H.Ang=43deg
89/03/12 06:56	Peak							
GOES	06:56:06	06:56:51	Peak...c/s=43	Tot Cts=474	MaxkeV=102	Step=5"	Pitch=-562"	Yaw=-179"
HXRBS	06:56		Wavelength=1375A	Exp #=85635	Rast=70"x70"			
UVSP			245/100					
Radio	Frequency (MHz)/Flux(sfu):							
Event # = 10816	DOY=71	End times	N35E08		Pitch=-647"	Yaw=-119"	Roll=-20deg	H.Ang=43deg
89/03/12 07:42	Peak							
Optical				AR5395	Mac.=EKC	Carr.Lon.=257deg		H.Ang=36deg
GOES	07:31:49	07:36:39	Peak...c/s=259	Tot Cts=11623	MaxkeV=187			
HXRBS	06:55	07:42	CaPeak.c/s=232	FePeak=07:40	FePeak.c/s=44	#Peaks=2	dt= 7.7s	XEN=907106
BCS			Wavelength=2788A	Exp #=85639	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
FCS			245/6100 410/490 606/360	1415/63 2695/33	Rast=180"x1"	Step=0"	Pitch=-510"	Yaw=-195"
UVSP	07:43		Wavelength=2788A		4995/120 8800/130 15400/40			
Radio	Frequency (MHz)/Flux(sfu):							



Event # = 10822	DOY=71	SMM Pointing:	N38W09	Pitch=-602", Yaw=-348", Roll=-20deg	H. Ang=46deg
89/03/12, 12:17	Peak	End times			
GOES	12:14:14	12:15:00	Qual=00	MaxkeV=102	
HXRBS	12:14:27	12:15:00	Qual=01	FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=907111
BCS	12:13	12:21	Qual= 1	Rast=180"x1"	Step=0" Pitch=-466", Yaw=-422"
UVSP	12:22				
Radio	Frequency(MHz)/Flux(sfu):	245/600 410/1300			
Event # = 10823	DOY=71	SMM Pointing:	N38W09	Pitch=-602", Yaw=-348", Roll=-20deg	H. Ang=46deg
89/03/12, 12:27	Peak	End times			
GOES	12:23	12:32	Qual=02	MaxkeV=187	
HXRBS	12:24:31	12:25:01	Qual=01	FePeak.c/s=32	#Peaks=1 dt= 7.7s XEN=907112
BCS	12:24	12:29	Qual= 1	Rast=240"x240"	Cad= 590s 1.024s/pixel
FCS	12:22			Rast=180"x1"	Step=0" Pitch=-466", Yaw=-422"
UVSP	12:22				
Radio	Frequency(MHz)/Flux(sfu):	245/580 410/2500			
Event # = 10824	DOY=71	Associated	Event # = 10824		
89/03/12, 12:28:01	12:28:13	12:28:52	Qual=01	Tot Cts=919	
Event # = 10825	DOY=71	SMM Pointing:	N38W09	Pitch=-602", Yaw=-348", Roll=-20deg	H. Ang=46deg
89/03/12, 13:22	Peak	End times			
GOES	13:06:52	13:24:24	Qual=00	MaxkeV=144	
HXRBS	13:08:36	13:24:24	Qual=01	FePeak.c/s=36	#Peaks=2 dt= 7.7s XEN=907113
BCS	13:05	13:22	Qual= 1	Rast=240"x240"	Cad= 590s 1.024s/pixel
FCS	13:55			Rast=180"x1"	Step=0" Pitch=-464", Yaw=-425"
UVSP	12:55				
Event # = 22560	DOY=71	SMM Pointing:	N33E04	Pitch=-604", Yaw=-163", Roll=-20deg	H. Ang=40deg
89/03/12, 13:59	Peak	End times			
GOES	13:56	14:02	Qual=00	FePeak.c/s=10	#Peaks=1 dt= 7.7s XEN=907114
BCS	13:59	14:02	Qual= 1	Rast=240"x240"	Cad= 590s 1.024s/pixel
FCS	13:56			Rast=180"x1"	Step=0" Pitch=-462", Yaw=-432"
UVSP	13:56				
Radio	Frequency(MHz)/Flux(sfu):	245/750 410/1700			
Event # = 10826	DOY=71	SMM Pointing:	N33E04	Pitch=-604", Yaw=-163", Roll=-20deg	H. Ang=40deg
89/03/12, 15:10	Peak	End times			
Optical				Mac.=EKC	Carr. Lon.=257deg
GOES	14:56	15:31	Qual=01	MaxkeV=467	Flags=M5
HXRBS	14:51:25	15:01:54	Qual=01	FePeak.c/s=635	#Peaks=1 dt= 7.7s XEN=907115
BCS	14:52	15:30	Qual= 1	Rast=240"x240"	Cad= 590s 1.024s/pixel
FCS	14:51			Rast=30"x30"	Step=10" Pitch=-534", Yaw=-239"
UVSP	14:51				
Radio	Frequency(MHz)/Flux(sfu):	245/5200 410/15000 606/2900 2695/550 4995/1100 8800/1200 15400/910			

Event # = 10827		
89/03/12 16:24	DOY=71	Pitch=-600",Yaw=-175",Roll=-20deg
Start	Peak	H.Ang=40deg
GOES 16:03	16:24	
HXRBS 16:10:57	16:21:54	MaxkeV=274
UVSP 16:18	16:25:11	Rast=30"x30"
Radio	Frequency(MHz)/Flux(sfu):	Flags=M5,SN,FS Step=10" Pitch=-491",Yaw=-259"
SMM Pointing: N33E03		
Importance=M2		
Peak...c/s=1553		
Wavelength=1375A		
Code=00		
606/220		
Tot Cts=71970		
Exp #=85660		
Event # = 10828		
89/03/12 16:37	DOY=71	Pitch=-600",Yaw=-175",Roll=-20deg
Start	Peak	H.Ang=40deg
GOES 16:32	16:40	
HXRBS 16:31:03	16:33:53	MaxkeV=231
UVSP 16:18	16:36:08	Rast=30"x30"
Radio	Frequency(MHz)/Flux(sfu):	Step=10" Pitch=-491",Yaw=-259"
SMM Pointing: N33E03		
Importance=C5		
Peak...c/s=175		
Wavelength=1375A		
Code=00		
606/180		
Tot Cts=5268		
Exp #=85660		
Event # = 10829		
89/03/12 16:46	DOY=71	Pitch=-600",Yaw=-175",Roll=-20deg
Start	Peak	H.Ang=40deg
GOES 16:44:22	16:46:23	MaxkeV=274
HXRBS 16:39	16:46:54	Rast=30"x30"
UVSP 16:18	16:46:54	Flags=FS
Radio	Frequency(MHz)/Flux(sfu):	Step=10" Pitch=-525",Yaw=-251"
SMM Pointing: N33E03		
Qual=00		
Qual=01		
Peak...c/s=768		
Wavelength=1375A		
Code=00		
8800/180		
Tot Cts=15393		
Exp #=85662		
Event # = 10830		
89/03/12 17:53	DOY=71	Pitch=-596",Yaw=-186",Roll=-20deg
Start	Peak	H.Ang=40deg
GOES 17:54:52	17:54:59	MaxkeV=102
HXRBS 17:52	17:55:19	FePeak.c/s=8
BCS 17:52	17:57	#Peaks=1 dt= 7.7s
FCS 17:50	17:57	XEN=907118
UVSP 17:50	17:57	Rast=240"x240" Cad= 590s
Radio	Frequency(MHz)/Flux(sfu):	Step=10" Pitch=-527",Yaw=-260"
SMM Pointing: N33E02		
Qual=00		
Qual=01		
Peak...c/s=64		
CaPeak.c/s=25		
Code=00		
1375A		
Tot Cts=249		
FePeak=17:52		
Exp #=85667		
Event # = 10831		
89/03/12 18:20	DOY=71	Pitch=-596",Yaw=-186",Roll=-20deg
Start	Peak	H.Ang=40deg
GOES 18:16	18:20	MaxkeV=187
HXRBS 18:13:45	18:18:38	FePeak.c/s=19
BCS 18:06	18:18	#Peaks=3 dt= 3.8s
FCS 18:13	18:25	XEN=907119
UVSP 18:13	18:25	Rast=240"x240" Cad= 590s
Radio	Frequency(MHz)/Flux(sfu):	Step=10" Pitch=-526",Yaw=-262"
SMM Pointing: N33E02		
Importance=C4		
Peak...c/s=57		
CaPeak.c/s=75		
Code=00		
1375A		
Tot Cts=780		
FePeak=18:18		
Exp #=85669		
Event # = 10836		
89/03/12 19:36	DOY=71	Pitch=-592",Yaw=-196",Roll=-20deg
Start	Peak	H.Ang=40deg
GOES 19:35:36	19:36:08	MaxkeV=144
HXRBS 19:25	19:36:48	Rast=30"x30"
UVSP 19:25	19:36:48	Step=10" Pitch=-548",Yaw=-201"
Radio	Frequency(MHz)/Flux(sfu):	
SMM Pointing: N33E01		
Qual=00		
Qual=01		
Peak...c/s=64		
Wavelength=1375A		
Code=00		
606/110		
2695/54		
4995/75		
Tot Cts=844		
Exp #=85674		

Event # = 10837	D0Y=71					Pitch=-592", Yaw=-196", Roll=-20deg	H. Ang=40deg
89/03/12, 19:49	Peak	SMM Pointing:	N33E01				
Optical		Ha...Class=SF	N30W02	AR5395		Mac.=EKC	Carr. Lon.=257deg
GOES		Peak...c/s=39	Qual=00			MaxkeV=144	
HXRBS	19:40:56	CaPeak.c/s=110	Qual=01	Tot Cts=786		FePeak.c/s=20	dt= 7.7s
BCS	19:18	Wave length=1375A	Qual= 1	FePeak=19:43		Rast=0"x0"	XEN=907120
FCS		15400/64		Exp #=85676		Rast=30"x30"	3840s/pixel
UVSP	19:46						Pitch=-527", Yaw=-208"
Radio							
Event # = 22561	D0Y=71						
89/03/12, 19:49	Peak	SMM Pointing:	N30W02	AR5395		Mac.=EKC	Carr. Lon.=257deg
Optical		Ha...Class=SF	Qual=00			FePeak.c/s=20	dt= 7.7s
GOES		CaPeak.c/s=110	Qual= 1	FePeak=19:43		Rast=0"x0"	XEN=907120
BCS	19:18	Wave length=1375A		Exp #=85676		Rast=30"x30"	3840s/pixel
FCS							Pitch=-527", Yaw=-208"
UVSP	19:46						
Radio							
Event # = 10838	D0Y=71						
89/03/12, 21:03	Peak	SMM Pointing:	N33W00			Pitch=-589", Yaw=-210", Roll=-20deg	H. Ang=40deg
Optical		Code=DSF	S42W10			Carr. Lon.=264deg	H. Ang=36deg
Optical		Code=DSF	S02W04			Carr. Lon.=258deg	H. Ang=7deg
GOES	20:31	Importance=M6	Qual=05			Flags=M5, SN	
HXRBS	20:50:31	Peak...c/s=5708	Qual=02	Tot Cts=5.62E+5		FePeak.c/s=1113	dt= 7.7s
BCS	20:51	CaPeak.c/s=3622	Qual= 4	FePeak=21:00		Rast=240"x240"	XEN=907121
FCS		Wave length=1375A		Exp #=85681		Rast=30"x30"	1.024s/pixel
UVSP	20:57			Event # = 10839			Pitch=-549", Yaw=-202"
Radio							
Event # = 10839	D0Y=71						
89/03/12, 21:34:37	Peak	SMM Pointing:	N33W00			MaxkeV=102	
HXRBS	21:34:19	Peak...c/s=74	Qual=01	Tot Cts=418		Rast=30"x30"	Pitch=-543", Yaw=-209"
UVSP	21:18	Wave length=1375A		Exp #=85683			
BCS	21:28	CaPeak.c/s=179	Qual= 5	FePeak=21:28		FePeak.c/s=10	dt= 7.7s
FCS		Wave length=1375A		Exp #=85683		Rast=240"x240"	XEN=907122
UVSP	21:18			Event # = 22562		Rast=30"x30"	1.024s/pixel
Radio							Pitch=-543", Yaw=-209"
Event # = 10840	D0Y=71						
89/03/12, 22:28	Peak	SMM Pointing:	N33W00			Pitch=-589", Yaw=-210", Roll=-20deg	H. Ang=40deg
Optical		Ha...Class=SF	N33E01	AR5395		Mac.=EKC	Carr. Lon.=252deg
GOES		Peak...c/s=80	Qual=05			MaxkeV=102	Flags=SN
HXRBS	22:24:04	CaPeak.c/s=395	Qual=02	Tot Cts=5350		FePeak.c/s=106	dt= 3.8s
BCS	22:25	Peak3...c/s=11	Qual= 4	FePeak=22:28		Rast=240"x240"	XEN=907123
FCS	22:41	Wave length=1375A		Exp #=85686		Rast=265"x265"	1.024s/pixel
UVSP	22:27						Pitch=-577", Yaw=-205"
Radio							
Event # = 10841	D0Y=71						
89/03/12, 22:57	Peak	SMM Pointing:	N33W00			Pitch=-584", Yaw=-220", Roll=-20deg	H. Ang=40deg
GOES		Peak...c/s=64	Qual=00			MaxkeV=102	
HXRBS	22:57:32	Wave length=1375A	Qual=01	Tot Cts=504		Rast=30"x30"	Pitch=-514", Yaw=-300"
UVSP	22:52			Exp #=85690			
Radio							

Event # = 22563		DOY=71			
89/03/12	23:09	Start	Peak	End times	
GOES	23:09	23:09	23:11	Qual=00	
BCS		CaPeak.c/s=19		Qual=5	FePeak=23:09
FCS		Wavelength=1375A		Exp #=85690	
UVSP	22:52				
		89/03/13		DOY=72	
Event # = 10842		DOY=72			
89/03/13	00:02	Start	Peak	SMM Pointing: N33W00	
GOES				Pitch=-584", Yaw=-220", Roll=-20deg H.Ang=40deg	
HXRBS	00:02:32	00:02:46	00:03:02	Qual=00	
UVSP	00:01	Peak...c/s=40		Qual=01	Tot Cts=105
		Wavelength=1375A			Exp #=85693
Event # = 10843		DOY=72			
89/03/13	00:15	Start	Peak	SMM Pointing: N33W01	
GOES				Pitch=-580", Yaw=-230", Roll=-20deg H.Ang=40deg	
HXRBS	00:14:56	00:15:24	00:17:08	Qual=01	
UVSP	00:03	Peak...c/s=68		Qual=01	Tot Cts=1048
		Wavelength=1375A			Exp #=85695
Event # = 10844		DOY=72			
89/03/13	00:28	Start	Peak	SMM Pointing: N33W01	
Optical				Pitch=-580", Yaw=-230", Roll=-20deg H.Ang=40deg	
GOES	00:23	00:28	00:31	N39E01	
HXRBS	00:24:56	00:26:56	00:28:04	Qual=01	AR5395
FCS	00:15	00:28	00:50	Qual=01	Tot Cts=5620
UVSP	00:26	00:28	00:50	Qual=1	FePeak=00:27
		Wavelength=1375A			
		Code=00			Exp #=85697
		Associated			Event # = 10844
HXRBS	00:23:39	00:23:47	00:24:05	Qual=01	Tot Cts=168
UVSP	00:03	Peak...c/s=50			Exp #=85695
		Wavelength=1375A			
Event # = 10847		DOY=72			
89/03/13	00:42	Start	Peak	SMM Pointing: N33W01	
Optical				Pitch=-580", Yaw=-230", Roll=-20deg H.Ang=40deg	
GOES	00:38:54	00:42:28	00:43:05	N39E01	AR5395
HXRBS	00:26	00:42:28	00:43:05	Qual=03	
UVSP	00:26	Peak...c/s=59		Qual=01	Tot Cts=1882
Radio Sweeps		Wavelength=1375A			Exp #=85697
Radio		Type/Intensity: III/2			
		Frequency (MHz)/Flux(sfu): 245/130 410/60 606/29			
HXRBS	00:36:52	00:37:30	00:37:47	Associated	Event # = 10846
		Peak...c/s=75		Qual=01	Tot Cts=687
		Wavelength=1375A			MaxkeV=102
Event # = 10848		DOY=72			
89/03/13	00:49	Start	Peak	SMM Pointing: N33W01	
GOES				Pitch=-580", Yaw=-230", Roll=-20deg H.Ang=40deg	
HXRBS	00:49:11	00:49:20	00:49:43	Qual=00	
UVSP	00:47	Peak...c/s=41		Qual=01	Tot Cts=96
		Wavelength=1375A			Exp #=85699
					Step=10" Pitch=-549", Yaw=-248"



Event # = 10849	DOY=72	N33W02	Pitch=-576" , Yaw=-241" , Roll=-20deg	H. Ang=40deg
89/03/13, 01:37	Peak	AR5395	Mac. =FKC	H. Ang=41deg
Optical		AR5395	Carr. Lon. =261deg	H. Ang=35deg
GOES	01:37	Qual=01	Flags=M5, F5	
HXRBS	01:35:18	Qual=01	#Peaks=1 dt= 3.8s	XEN=907202
BCS	01:31:02	Qual=1	FePeak.c/s=286	1.024s/pixel
FCS	01:36	Code=02	Rast=240"x240"	Cad= 590s
UVSP	02:00	Exp #=85701	Step=10" Pitch=10"	Pitch=-517" , Yaw=-254"
Radio	Frequency(MHz)/Flux(sfu):	8800/180 15400/60		
Event # = 22564	DOY=72	N33W03	Pitch=-572" , Yaw=-251" , Roll=-20deg	H. Ang=40deg
89/03/13, 02:32	Peak	AR5395	Mac. =FKC	H. Ang=35deg
GOES	02:32	Qual=02	Flags=M5, I, SN, EN	
BCS	02:29	Qual=5	FePeak.c/s=8 dt= 7.7s	XEN=907203
FCS	02:27	Code=01	Step=10" Cad= 590s	1.024s/pixel
UVSP	02:18	Exp #=85708	Step=0" Pitch=0"	Pitch=-500" , Yaw=-329"
Radio	Frequency(MHz)/Flux(sfu):	245/240 410/39 8800/43 15400/51		
Event # = 10850	DOY=72	N33W03	Pitch=-572" , Yaw=-251" , Roll=-20deg	H. Ang=40deg
89/03/13, 03:27	Peak	AR5395	Mac. =FKC	H. Ang=35deg
Optical		AR5395	Carr. Lon. =253deg	
GOES	03:27	Qual=03	Flags=M5, I, SN, EN	
HXRBS	03:16:51	Qual=04	FePeak.c/s=3714 dt= 7.7s	XEN=907204
BCS	03:05	Qual=1	Step=5" Cad=9.22s	1.024s/pixel
FCS	03:37	Code=00	Step=15" x15" Step=5"	Pitch=-547" , Yaw=-247"
UVSP	03:24	Exp #=85713	Step=0" Pitch=0"	Pitch=-547" , Yaw=-247"
Radio	Frequency(MHz)/Flux(sfu):	245/5500 410/1100 606/700 1415/110 2695/380 4995/580 8800/1400 15400/1100		
Event # = 11158	DOY=72	N33W04	Pitch=-568" , Yaw=-261" , Roll=-20deg	H. Ang=40deg
89/03/13, 04:41	Peak	AR5395	Mac. =FKC	H. Ang=38deg
GOES	04:41:29	Qual=00	Flags=I	
HXRBS	04:41:46	Qual=01	Step=5" Pitch=-561" , Yaw=-249"	
UVSP	04:40	Exp #=85718	Step=5"	
Event # = 11159	DOY=72	N33W04	Pitch=-568" , Yaw=-261" , Roll=-20deg	H. Ang=40deg
89/03/13, 04:50	Peak	AR5395	Mac. =FKC	H. Ang=38deg
Optical		AR5395	Carr. Lon. =254deg	
GOES	04:50	Qual=01	Flags=I	
HXRBS	04:45:58	Qual=01	#Peaks=1 dt= 7.7s	XEN=907205
BCS	04:44:56	Qual=1	Step=10" Cad= 590s	1.024s/pixel
FCS	04:38	Code=00	Step=240" x240"	Cad= 590s
UVSP	04:44	Exp #=85720	Step=10"	Pitch=-494" , Yaw=-346"
Radio	Frequency(MHz)/Flux(sfu):	245/94 410/65 606/15		

Event # = 11160  
 89/03/13, 05:04 DOY=72 Peak  
 SMM Pointing: N33W04  
 Optical: Ha...Class=SF  
 GOES: 05:04:23 05:04:38 05:05:04  
 HXRBS: 04:44  
 UVSP: 05:06:05 05:06:37 05:06:38  
 Associated Event # = 11161  
 Flags=I  
 Step=10" Pitch=-494", Yaw=-346"  
 MaxkeV=102  
 Rast=30"x30"  
 MaxkeV=102  
 Rast=30"x30"  
 Flags=I  
 Step=10" Pitch=-493", Yaw=-348"  
 Carr. Lon.=258deg  
 H. Ang=40deg  
 H. Ang=38deg

Event # = 11162  
 89/03/13, 05:32 DOY=72 Peak  
 SMM Pointing: N33W04  
 Optical: Ha...Class=SF  
 GOES: 05:32:18 05:32:36 05:33:18  
 HXRBS: 05:26  
 UVSP: Type/Intensity: 245/9000 410/66 606/100 4995/9 8800/24 15400/17  
 Radio Frequency(MHz)/Flux(sfu):  
 Peak...c/s=221  
 Wavelength=1375A  
 Tot Cts=206  
 Exp #=85720  
 Peak...c/s=42  
 Wavelength=1375A  
 Tot Cts=137  
 Exp #=85722  
 AR5395  
 Carr. Lon.=261deg  
 H. Ang=40deg  
 Carr. Lon.=261deg  
 H. Ang=39deg  
 MaxkeV=144  
 Rast=30"x30"  
 Flags=I  
 Step=10" Pitch=-492", Yaw=-351"

Event # = 11163  
 89/03/13, 06:23 DOY=72 Peak  
 SMM Pointing: N33W04  
 Optical: Ha...Class=SF  
 GOES: 06:22:28 06:23:26 06:24:09  
 HXRBS: 06:16  
 UVSP: Peak...c/s=113  
 Wavelength=2788A  
 Qual=00  
 Code=00  
 Peak...c/s=839  
 Wavelength=2788A  
 Tot Cts=1310  
 Exp #=85726  
 MaxkeV=102  
 Rast=243"x243"  
 Flags=I  
 Step=3" Pitch=-557", Yaw=-260"  
 Carr. Lon.=272", Roll=-20deg  
 H. Ang=40deg

Event # = 11164  
 89/03/13, 06:31 DOY=72 Peak  
 SMM Pointing: N33W04  
 Optical: Ha...Class=SN  
 GOES: 06:25:10 06:28:10 06:32:51  
 HXRBS: 06:16  
 UVSP: Peak...c/s=839  
 Wavelength=2788A  
 Radio Frequency(MHz)/Flux(sfu): 4995/50 8800/120 15400/350  
 Peak...c/s=839  
 Wavelength=2788A  
 Tot Cts=37500  
 Exp #=85726  
 MaxkeV=231  
 Rast=243"x243"  
 Flags=M5, I  
 Step=3" Pitch=-557", Yaw=-260"  
 Carr. Lon.=257deg  
 H. Ang=41deg

Event # = 11168  
 89/03/13, 06:38 DOY=72 Peak  
 SMM Pointing: N33W04  
 Optical: Ha...Class=SF  
 GOES: 06:37:49 06:38:36 06:39:39  
 HXRBS: 06:16  
 UVSP: Peak...c/s=73  
 Wavelength=2788A  
 Qual=00  
 Code=00  
 Peak...c/s=73  
 Wavelength=2788A  
 Tot Cts=1687  
 Exp #=85726  
 MaxkeV=102  
 Rast=243"x243"  
 Flags=I  
 Step=3" Pitch=-557", Yaw=-260"  
 Carr. Lon.=257deg  
 H. Ang=41deg

Event # = 11169  
 89/03/13, 06:40 DOY=72 Peak  
 SMM Pointing: N33W04  
 Optical: Ha...Class=SF  
 GOES: 06:40:10 06:40:56 06:41:25  
 HXRBS: 06:16  
 UVSP: Peak...c/s=56  
 Wavelength=2788A  
 Radio Frequency(MHz)/Flux(sfu): 245/240 410/85  
 Peak...c/s=56  
 Wavelength=2788A  
 Tot Cts=585  
 Exp #=85726  
 MaxkeV=102  
 Rast=243"x243"  
 Flags=I  
 Step=3" Pitch=-557", Yaw=-260"  
 Carr. Lon.=272", Roll=-20deg  
 H. Ang=40deg

Event # = 11170	DOY=72	Peak	SMM Pointing:	N33W04	Pitch=-564", Yaw=-272", Roll=-20deg	H. Ang=40deg
89/03/13, 07:03	Start	End times	Ha...Class=SF	AR5395	Mac.=FKC	H. Ang=36deg
Optical			Peak...c/s=105	Tot Cts=11000	Flags=I	
GOES	07:02:23	07:03:08	Wavelength=2788A	Exp #=85727	Step=0"	Pitch=-428", Yaw=-93"
HXRBS	07:03	07:03:08	245/1600	2695/68		
UVSP	07:03	07:03:08	Flux(sfu):	4995/120		8800/100
Radio						
Event # = 10851	DOY=72	Peak	SMM Pointing:	N33W04	Pitch=-564", Yaw=-272", Roll=-20deg	H. Ang=40deg
89/03/13, 07:45	Start	End times	Ha...Class=SN	N31W01	Carr. Lon.=249deg	H. Ang=38deg
Optical			Peak...c/s=138	Qual=06		
GOES	07:44:51	07:45:02	Wavelength=2788A	Qual=01	Step=0"	Pitch=-433", Yaw=-249"
HXRBS	07:44:51	07:45:02	245/1600	Tot Cts=1353		
UVSP	07:34	07:45:02	Flux(sfu):	Exp #=85728		
Radio						
Event # = 10852	DOY=72	Peak	SMM Pointing:	N33W04	Pitch=-564", Yaw=-272", Roll=-20deg	H. Ang=40deg
89/03/13, 07:57	Start	End times	Peak...c/s=48	Qual=06		
GOES	07:57:04	07:57:15	Wavelength=2788A	Qual=01	Step=0"	Pitch=-433", Yaw=-249"
HXRBS	07:57:04	07:57:15	245/1300	Tot Cts=261		
UVSP	07:34	07:57:15	Flux(sfu):	Exp #=85728		
Radio				15400/26		
Event # = 10853	DOY=72	Peak	SMM Pointing:	N33W04	Pitch=-564", Yaw=-272", Roll=-20deg	H. Ang=40deg
89/03/13, 08:00	Start	End times	Peak...c/s=88	Qual=06		
GOES	08:00:04	08:00:28	Wavelength=2788A	Qual=01	Step=0"	Pitch=-433", Yaw=-249"
HXRBS	08:00:04	08:00:28	245/1600	Tot Cts=1467		
UVSP	07:34	08:00:28	Flux(sfu):	Exp #=85728		
Radio						
Event # = 10854	DOY=72	Peak	SMM Pointing:	N33W04	Pitch=-564", Yaw=-272", Roll=-20deg	H. Ang=40deg
89/03/13, 08:24	Start	End times	Peak...c/s=334	N38W08	Mac.=FKC	H. Ang=46deg
Optical			Wavelength=2788A	Qual=01	Carr. Lon.=256deg	
GOES	08:24:34	08:24:59	245/2200	Tot Cts=2974	Flags=FS	
HXRBS	08:24:34	08:24:59	Flux(sfu):	Exp #=85729	Step=0"	Pitch=-431", Yaw=-255"
UVSP	08:36	08:24:59	245/2200	Event # = 10855		
Radio				Tot Cts=1141		
HXRBS	08:28:46	08:29:31	Peak...c/s=57	Qual=01	MaxkeV=102	
Event # = 10856	DOY=72	Peak	SMM Pointing:	N33W04	Pitch=-564", Yaw=-272", Roll=-20deg	H. Ang=40deg
89/03/13, 09:26	Start	End times	Peak...c/s=41	Qual=00		
GOES	09:26:04	09:26:34	Wavelength=2788A	Qual=01	Step=0"	Pitch=-429", Yaw=-258"
HXRBS	09:26:04	09:26:34	245/1600	Tot Cts=212		
UVSP	09:109	09:26:34	Flux(sfu):	Exp #=85730		
Radio						
Event # = 10857	DOY=72	Peak	SMM Pointing:	N38W17	Pitch=-563", Yaw=-446", Roll=-20deg	H. Ang=48deg
89/03/13, 09:36	Start	End times	Importance=C5	Qual=01		
GOES	09:33	09:38	Peak...c/s=66	Qual=01	MaxkeV=102	
HXRBS	09:34:23	09:34:40	Wavelength=2788A	Code=01	Rast=180" x1"	
UVSP	09:109	09:34:40	Flux(sfu):	Tot Cts=932		
Radio				Exp #=85730	Step=0"	Pitch=-429", Yaw=-258"

Event # = 10860  
 89/03/13, 09:45 DOY=72 Peak Pitch=-563", Yaw=-446", Roll=-20deg H. Ang=48deg  
 Optical Start End times SMM Pointing: N38W17  
 GOES 09:40 09:45 09:50 Ha...Class=SF N32W11 H. Ang=41deg  
 HXRBS 09:47:47 09:47:53 09:48:45 Importance=C7 Qual=01 Carr. Lon.=258deg  
 UVSP 10:08 Peak...c/s=680 Qual=01 Flags=M5  
 Radio Frequency (MHz)/Flux(sfu): 245/11000 410/280 606/47 8800/72 15400/110 Step=0" Pitch=-427", Yaw=-265"  
 HXRBS 09:42:00 09:43:47 09:44:31 Associated Event # = 10858 MaxkeV=187  
 Qual=01 Tot Cts=1738 Rast=180"x1" Pitch=-427", Yaw=-265"  
 HXRBS 09:46:30 09:46:40 09:46:46 Associated Event # = 10859 MaxkeV=102  
 Qual=01 Tot Cts=173 MaxkeV=102  
 HXRBS 09:49:26 09:49:56 09:50:09 Associated Event # = 10861 MaxkeV=102  
 Qual=01 Tot Cts=532 MaxkeV=102

Event # = 10862  
 89/03/13, 09:57 DOY=72 Peak Pitch=-563", Yaw=-446", Roll=-20deg H. Ang=48deg  
 GOES Start End times SMM Pointing: N38W17  
 HXRBS 09:57:45 09:57:53 09:58:17 Qual=00  
 UVSP 10:08 Peak...c/s=50 Qual=01 H. Ang=48deg  
 Wavelength=2788A Tot Cts=149  
 Exp #=85731 MaxkeV=102  
 Rast=180"x1" Pitch=-427", Yaw=-265"  
 Step=0"

Event # = 10863  
 89/03/13, 10:01 DOY=72 Peak Pitch=-563", Yaw=-446", Roll=-20deg H. Ang=48deg  
 GOES Start End times SMM Pointing: N38W17  
 HXRBS 10:01:23 10:01:40 10:02:01 Qual=00  
 UVSP 10:08 Peak...c/s=295 Qual=01 H. Ang=48deg  
 Wavelength=2788A Tot Cts=1930  
 Exp #=85731 MaxkeV=231  
 Rast=180"x1" Pitch=-427", Yaw=-265"  
 Step=0"

Event # = 10864  
 89/03/13, 10:06 DOY=72 Peak Pitch=-563", Yaw=-446", Roll=-20deg H. Ang=48deg  
 Optical Start End times SMM Pointing: N38W17 H. Ang=48deg  
 GOES 10:05:52 10:06:32 10:06:57 Ha...Class=SF S13E77  
 HXRBS 10:05:52 10:06:32 10:06:57 Peak...c/s=45 Qual=00 H. Ang=76deg  
 UVSP 10:08 Wavelength=2788A Qual=01  
 Tot Cts=334 MaxkeV=102  
 Exp #=85731 Rast=180"x1" Pitch=-427", Yaw=-265"  
 Step=0"

Event # = 10865  
 89/03/13, 10:50 DOY=72 Peak Pitch=-563", Yaw=-446", Roll=-20deg H. Ang=48deg  
 GOES Start End times SMM Pointing: N38W17 H. Ang=48deg  
 HXRBS 10:48:36 10:50:42 10:52:39 Qual=00  
 UVSP 10:41 Peak...c/s=56 Qual=11  
 Radio Frequency (MHz)/Flux(sfu): 15400/75 Wavelength=2788A  
 Tot Cts=1234 MaxkeV=144  
 Exp #=85732 Rast=180"x1" Pitch=-425", Yaw=-268"  
 Step=0"

Event # = 10866  
 89/03/13, 11:07 DOY=72 Peak Pitch=-563", Yaw=-446", Roll=-20deg H. Ang=48deg  
 GOES Start End times SMM Pointing: N38W17 H. Ang=48deg  
 HXRBS 11:05:38 11:07:24 11:09:03 Qual=00  
 UVSP 10:41 Peak...c/s=91 Qual=01  
 Radio Frequency (MHz)/Flux(sfu): 245/470 410/140 606/64 Wavelength=2788A  
 Tot Cts=2324 MaxkeV=187  
 Exp #=85732 Rast=180"x1" Pitch=-425", Yaw=-268"  
 Step=0"

Event # = 10867	DOY=72	End times	SMM Pointing:	N38W18	Pitch=-559", Yaw=-456", Roll=-20deg	H. Ang=48deg
89/03/13, 11:11	Peak		Ha...Class=SF	N26W18	Mac.=FKC	H. Ang=38deg
Optical			Peak...c/s=38	Qual=00		
GOES			Wavelength=2788A	Qual=01		
HXRBS	11:11:25	11:12:43		Tot Cts=415	Step=0"	Pitch=-425", Yaw=-268"
UVSP	10:41			Exp #=85732		
Event # = 10868	DOY=72	End times	SMM Pointing:	N38W18	Pitch=-559", Yaw=-456", Roll=-20deg	H. Ang=48deg
89/03/13, 11:15	Peak		Ha...Class=SF	N26W18	Mac.=FKC	H. Ang=38deg
Optical			Peak...c/s=67	Qual=00		
GOES			Wavelength=2788A	Qual=01		
HXRBS	11:15:50	11:15:59		Tot Cts=100	Step=0"	Pitch=-423", Yaw=-274"
UVSP	11:43			Exp #=85733		
Event # = 10869	DOY=72	End times	SMM Pointing:	N38W18	Pitch=-559", Yaw=-456", Roll=-20deg	H. Ang=48deg
89/03/13, 11:19	Peak		Ha...Class=SF	N26W18	Mac.=FKC	H. Ang=38deg
Optical			Peak...c/s=47	Qual=00		
GOES			Wavelength=2788A	Qual=01		
HXRBS	11:19:13	11:20:01		Tot Cts=200	Step=0"	Pitch=-423", Yaw=-274"
UVSP	11:43			Exp #=85733		
Event # = 10870	DOY=72	End times	SMM Pointing:	N38W18	Pitch=-559", Yaw=-456", Roll=-20deg	H. Ang=48deg
89/03/13, 11:26	Peak		Peak...c/s=42	Qual=00		
GOES			Wavelength=2788A	Qual=01		
HXRBS	11:24:33	11:26:05		Tot Cts=296	Step=0"	Pitch=-423", Yaw=-274"
UVSP	11:43			Exp #=85733		
Radio	Frequency(MHz)/Flux(sfu):	15400/60				
Event # = 10871	DOY=72	End times	SMM Pointing:	N38W18	Pitch=-559", Yaw=-456", Roll=-20deg	H. Ang=48deg
89/03/13, 11:46	Peak		Ha...Class=SF	N30W14	Mac.=FKC	H. Ang=40deg
Optical			Peak...c/s=158	Qual=00		
GOES			Wavelength=2788A	Qual=01		
HXRBS	11:42:08	11:49:16		Tot Cts=11501	Step=0"	Pitch=-423", Yaw=-274"
UVSP	11:43			Exp #=85733		
Radio	Frequency(MHz)/Flux(sfu):	245/360 410/240 606/140 8800/84 15400/76				
Event # = 10872	DOY=72	End times	SMM Pointing:	N38W18	Pitch=-559", Yaw=-456", Roll=-20deg	H. Ang=48deg
89/03/13, 12:25	Peak		Peak...c/s=377	Qual=00		
GOES			Wavelength=2788A	Qual=01		
HXRBS	12:24:53	12:25:02		Tot Cts=1237	Flags=M5, FS	Pitch=-422", Yaw=-277"
UVSP	12:15			Exp #=85734	Step=0"	
Event # = 10873	DOY=72	End times	SMM Pointing:	N38W18	Pitch=-559", Yaw=-456", Roll=-20deg	H. Ang=48deg
89/03/13, 12:31	Peak		Peak...c/s=63	Qual=00		
GOES			Wavelength=2788A	Qual=01		
HXRBS	12:27:43	12:31:32		Tot Cts=1807	Step=0"	Pitch=-422", Yaw=-277"
UVSP	12:15			Exp #=85734		



Event # = 10883  
89/03/13,16:44 D0Y=72 SMM Pointing: N33W11 Pitch=-530", Yaw=-361", Roll=-20deg H. Ang=42deg  
Start Peak  
HXRB 16:44:15 16:44:40 16:44:48 End times Tot Cts=287 Flags=NS  
UVSP 16:27 16:44:40 16:44:48 Exp # = 85745 Step=10" Pitch=-428", Yaw=-431"

Event # = 10879  
89/03/13,17:20 D0Y=72 SMM Pointing: N33W12 Pitch=-525", Yaw=-372", Roll=-20deg H. Ang=42deg  
Start Peak  
GOES 17:07:55 17:20:15 17:28:40 End times Tot Cts=10294 MaxkeV=231  
HXRB 17:11 17:20:15 17:28:40 Exp # = 85748 Step=10" Pitch=-446", Yaw=-397"  
UVSP 17:11 17:20:15 17:28:40

Event # = 10880  
89/03/13,18:22 D0Y=72 SMM Pointing: N33W12 Pitch=-525", Yaw=-372", Roll=-20deg H. Ang=42deg  
Start Peak  
Optical 18:22 18:22 19:16 End times Carr. Lon. = 259deg H. Ang=42deg  
GOES 17:35 18:22 19:16 Qual=05 Ha...Class=SN MaxkeV=144 #Peaks=3 dt= 7.7s XEN=907210  
HXRB 17:34:18 17:36:16 17:40:10 Qual=01 Importance=M2 FePeak.c/s=119 Step=10" Cad= 590s 1.024s/pixel  
BCS 17:05 17:40 17:43 Qual= 3 CaPeak.c/s=464 FePeak=17:38 Rast=240"x240" Step=5" Pitch=-514", Yaw=-369"  
FCS 17:05 17:40 17:43 Exp # = 85753  
UVSP 18:41 Wavelength=1375A  
Radio Frequency(MHz)/Flux(sfu): 8800/240 15400/100  
BCS 18:38 18:39 19:16 Associated Event # = 20512 FePeak.c/s=33 #Peaks=1 dt= 3.8s XEN=907211  
FCS 18:38 18:39 19:16 Qual= 5 FePeak=18:39 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel  
HXRB 18:37:10 18:59:13 19:03:53 Associated Event # = 10881 MaxkeV=231 Carr. Lon. = 259deg H. Ang=42deg  
UVSP 18:43 Peak...c/s=60 Qual=02 Tot Cts=15938 FePeak=18:39 Rast=30"x30" Step=10" Pitch=-437", Yaw=-412"

Event # = 22566  
89/03/13,20:36 D0Y=72 SMM Pointing: N33W15 Pitch=-513", Yaw=-403", Roll=-20deg H. Ang=42deg  
Start Peak  
GOES 20:11 20:36 20:52 End times Ha...Class=IF Carr. Lon. = 260deg H. Ang=40deg  
BCS 20:11 20:36 20:52 Qual=01 Importance=M2 MaxkeV=274 #Peaks=ES dt= 7.7s XEN=907300  
FCS 20:11 20:36 20:52 Qual=03 Peak...c/s=464 FePeak.c/s=348 Step=2 dt= 7.7s XEN=907300  
UVSP 20:18 Wavelength=1375A CaPeak.c/s=89 FePeak=21:45 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel  
Exp # = 85762 Exp # = 85767

Event # = 22567  
89/03/13,21:46 D0Y=72 SMM Pointing: N33W15 Pitch=-513", Yaw=-403", Roll=-20deg H. Ang=42deg  
Start Peak  
GOES 21:45 21:46 22:00 End times Ha...Class=IF Carr. Lon. = 260deg H. Ang=40deg  
BCS 21:45 21:46 22:00 Qual=01 Importance=M2 MaxkeV=274 #Peaks=ES dt= 7.7s XEN=907300  
FCS 21:45 21:46 22:00 Qual=03 Peak...c/s=464 FePeak.c/s=348 Step=2 dt= 7.7s XEN=907300  
UVSP 21:47 Wavelength=1375A CaPeak.c/s=89 FePeak=21:45 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel  
Exp # = 85767 Exp # = 85794

Event # = 10884  
89/03/14,03:05 D0Y=73 SMM Pointing: N33W15 Pitch=-513", Yaw=-403", Roll=-20deg H. Ang=42deg  
Start Peak  
Optical 03:05 03:05 04:04 End times Ha...Class=IF Carr. Lon. = 260deg H. Ang=40deg  
GOES 02:22 03:05 04:04 Qual=03 Importance=M2 MaxkeV=274 #Peaks=ES dt= 7.7s XEN=907300  
HXRB 02:23:20 02:24:42 03:13:47 Qual=03 Peak...c/s=464 FePeak.c/s=348 Step=2 dt= 7.7s XEN=907300  
BCS 02:24 03:05 03:22 Qual= 3 CaPeak.c/s=1357 FePeak=03:02 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel  
FCS 02:24 03:05 03:22 Wavelength=1375A Code=00 Exp # = 85794 Pitch=-445", Yaw=-452"  
UVSP 02:57 Wavelength=1375A Code=00 Exp # = 85794

BCS	03:58	04:23	03:59	04:23	CaPeak.c/s=130	Associated Event # = 22568	FePeak.c/s=10	#Peaks=1	dt= 3.8s	XEN=907302
FCS	04:01		04:08			Qual= 5	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
UVSP					Wavelength=1375A	Exp #=85797	Rast=265"x265"	Step=5"	Pitch=-489"	Yaw=-432"
Event # = 10885										
89/03/14,04:24	Start	End times	DOY=73	Peak	SMM Pointing:	N33W18	Pitch=-496"	Yaw=-444"	Roll=-20deg	H. Ang=44deg
GOES							MaxkeV=102	Step=0"	Pitch=-421"	Yaw=-461"
HXRBS	04:24:00	04:24:06	04:24:21		Peak...c/s=43	Qual=01	Rast=10"x10"			
UVSP	04:18				Wavelength=1375A	Exp #=85801				
Event # = 10886										
89/03/14,05:58	Start	End times	DOY=73	Peak	SMM Pointing:	N33W19	Pitch=-492"	Yaw=-456"	Roll=-20deg	H. Ang=44deg
GOES							MaxkeV=102	Step=10"	Pitch=-572"	Yaw=-437"
HXRBS	05:58:29	05:58:48	05:58:59		Peak...c/s=40	Qual=00	Rast=30"x30"			
UVSP	05:58				Wavelength=1375A	Exp #=85810				
Event # = 10887										
89/03/14,06:39	Start	End times	DOY=73	Peak	SMM Pointing:	N33W19	Pitch=-492"	Yaw=-456"	Roll=-20deg	H. Ang=44deg
Optical							Mac. =FKC	Carr. Lon.=257deg		H. Ang=43deg
GOES	06:16	06:39	08:12		Ha...Class=SF	AR5395	MaxkeV=102	#Peaks=3	dt= 7.7s	XEN=907303
HXRBS	06:16:23	06:17:48	06:24:33		Importance=C9	Qual=02	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
BCS	05:37	06:23	06:28		Peak...c/s=123	Qual=01	Rast=30"x30"	Step=10"	Pitch=-585"	Yaw=-434"
FCS					CaPeak.c/s=416	Qual= 1				
UVSP	06:20				Wavelength=1375A	Code=01				
Radio	Frequency(MHz)/Flux(sfu):				410/590 606/240 4995/19 8800/100 15400/53					
Event # = 10888										
89/03/14,07:05	Start	End times	DOY=73	Peak	SMM Pointing:	N33W20	Pitch=-484"	Yaw=-476"	Roll=-20deg	H. Ang=45deg
Optical							Mac. =FKC	Carr. Lon.=255deg		H. Ang=42deg
GOES	08:34	09:20	09:43		Ha...Class=SF	AR5395	MaxkeV=102	#Peaks=1	dt= 3.8s	XEN=907304
HXRBS	09:15:37	09:19:35	09:20:49		Importance=M2	Qual=02	Rast=243"x243"	Step=10"	Cad= 590s	1.024s/pixel
UVSP	10:03				Peak...c/s=61	Qual=01	Rast=180"x1"	Step=3"	Pitch=-480"	Yaw=-452"
Radio	Frequency(MHz)/Flux(sfu):				245/1000 410/470 4995/70 8800/81					
Event # = 10889										
89/03/14,09:20	Start	End times	DOY=73	Peak	SMM Pointing:	N33W20	Pitch=-484"	Yaw=-476"	Roll=-20deg	H. Ang=45deg
Optical							Mac. =FKC	Carr. Lon.=263deg		H. Ang=44deg
GOES	08:34	09:20	09:43		Ha...Class=SF	AR5395	MaxkeV=102	#Peaks=2	dt= 7.7s	XEN=907305
HXRBS	09:15:37	09:19:35	09:20:49		Importance=M2	Qual=02	Rast=180"x1"	Step=0"	Cad= 590s	1.024s/pixel
UVSP	10:03				Peak...c/s=61	Qual=01	Rast=180"x1"	Step=0"	Pitch=-346"	Yaw=-299"
Radio	Frequency(MHz)/Flux(sfu):				245/1000 410/470 4995/70 8800/81					
Event # = 10888										
89/03/14,08:56:08	Start	End times	DOY=73	Peak	SMM Pointing:	N33W20	Pitch=-484"	Yaw=-476"	Roll=-20deg	H. Ang=45deg
Optical							Mac. =FKC	Carr. Lon.=255deg		H. Ang=42deg
GOES	08:34	09:20	09:43		Ha...Class=SF	AR5395	MaxkeV=102	#Peaks=2	dt= 7.7s	XEN=907305
HXRBS	09:15:37	09:19:35	09:20:49		Importance=M2	Qual=02	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
UVSP	10:03				Peak...c/s=61	Qual=01	Rast=180"x1"	Step=0"	Pitch=-343"	Yaw=-305"
Radio	Frequency(MHz)/Flux(sfu):				245/1000 410/470 4995/70 8800/81					
Event # = 22570										
89/03/14,10:45	Start	End times	DOY=73	Peak	SMM Pointing:	N33W20	Pitch=-484"	Yaw=-476"	Roll=-20deg	H. Ang=45deg
Optical							Mac. =FKC	Carr. Lon.=263deg		H. Ang=44deg
GOES	10:11	10:45	11:08		Ha...Class=SF	AR5395	MaxkeV=102	#Peaks=2	dt= 7.7s	XEN=907305
BCS					Ha...Class=SF	Qual=00	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
FCS					CaPeak.c/s=97	Qual= 1	Rast=180"x1"	Step=0"	Pitch=-343"	Yaw=-305"
UVSP	11:03				Wavelength=2788A	Exp #=85818				



Event # = 10890 89/03/14, 11:59 Start	DOY=73 Peak	SMM Pointing:	N33W21			Pitch=-479", Yaw=-486", Roll=-20deg	H. Ang=45deg
GOES 11:47:07	11:47:22	11:47:30	11:47:30	11:47:30	11:47:30	dt= 7.7s	XEN=907306
HXRBS		Peak...c/s=47	Qual=00	Tot Cts=149	FePeak=11:58	#Peaks=2	
BCS 11:45	11:59	CaPeak.c/s=41	Qual=01	FePeak=11:58	Exp #=85819	Step=10"	Cad= 590s
FCS		WaveLength=2788A	Qual=1			Step=0"	Pitch=-341", Yaw=-309"
UVSP 11:37							
Event # = 22571 89/03/14, 12:23 Start	DOY=73 Peak	SMM Pointing:	N33W21				
GOES 12:22	12:23	12:41	12:41	12:41	12:41	dt= 7.7s	XEN=907307
HXRBS		Peak...c/s=27	Qual=00	FePeak=12:23	Exp #=85820	Step=10"	Cad= 590s
BCS		CaPeak.c/s=27	Qual=4			Step=0"	Pitch=-338", Yaw=-315"
FCS		WaveLength=2788A					
UVSP 12:35							
Event # = 22572 89/03/14, 13:43 Start	DOY=73 Peak	SMM Pointing:	N33W21				
GOES 13:18	13:43	13:50	13:50	13:50	13:43	dt= 7.7s	XEN=907308
HXRBS		Peak...c/s=53	Qual=06	FePeak=13:43	Exp #=85822	Step=10"	Cad= 590s
BCS		CaPeak.c/s=53	Qual=4			Step=0"	Pitch=-335", Yaw=-324"
FCS		WaveLength=2788A					
UVSP 14:09							
Event # = 10891 89/03/14, 13:52 Start	DOY=73 Peak	SMM Pointing:	N33W23			Pitch=-471", Yaw=-506", Roll=-20deg	H. Ang=46deg
GOES 13:50:17	13:50:49	13:53:45	13:53:45	13:53:45	13:52		
HXRBS		Peak...c/s=72	Qual=06	Tot Cts=1968	FePeak=13:52	#Peaks=1	XEN=907309
BCS 13:52	13:52	CaPeak.c/s=20	Qual=01	FePeak=13:52	Exp #=85822	Step=10"	Cad= 590s
FCS		WaveLength=2788A	Qual=4			Step=0"	Pitch=-335", Yaw=-324"
UVSP 14:09							
Event # = 22573 89/03/14, 14:01 Start	DOY=73 Peak	SMM Pointing:	N33W23				
GOES 14:00	14:01	14:15	14:15	14:15	14:13		
HXRBS		Peak...c/s=23	Qual=06	FePeak=14:13	Exp #=85822	#Peaks=1	XEN=907310
BCS		CaPeak.c/s=23	Qual=00			Step=10"	Cad= 590s
FCS		WaveLength=2788A	Qual=4			Step=0"	Pitch=-335", Yaw=-324"
UVSP 14:09							
Event # = 22574 89/03/14, 14:52 Start	DOY=73 Peak	SMM Pointing:	N33W23				
GOES 14:51	14:52	15:48	15:48	15:48	14:52		
HXRBS		Peak...c/s=196	Qual=05	FePeak=14:52	Exp #=85823	#Peaks=1	XEN=907311
BCS		CaPeak.c/s=196	Qual=5			Step=10"	Cad= 590s
FCS		WaveLength=2788A				Step=0"	Pitch=-333", Yaw=-328"
UVSP 14:43							

Event # = 10892  
89/03/14, 17:31 DOY=73 Peak Pitch=-462", Yaw=-527", Roll=-20deg H. Ang=46deg  
Start End times  
Optical SMM Pointing: N33W25  
Optical Ha...Class=2B N33W21  
GOES Ha...Class=SN N32W12 Carr. Lon.=251deg H. Ang=45deg  
16:50 17:31 18:16 AR5395 Carr. Lon.=242deg H. Ang=41deg  
HXRBs 16:34:24 16:56:56 17:00:53 Peak...c/s=1039 Qual=02 Tot Cts=2.86E+5 MaxkeV=367 #Peaks=1 dt= 7.7s XEN=907312  
16:24 16:59 17:00 CaPeak.c/s=2020 Qual= 2 FePeak=16:59 Rast=240"x240" Cad= 590s 1.024s/pixel  
FCS Wavelength=1375A Code=01 Exp #=85831 Step=10" Pitch=-346", Yaw=-612"  
UVSP Frequency(MHz)/Flux(sfu): 410/580 606/380 1415/640 4995/140 8800/2300 15400/1500  
Radio CaPeak.c/s=1277 Qual= 5 FePeak=17:59 Rast=265"x265" Pitch=-451", Yaw=-520"  
17:58 17:59 18:34 Wavelength=1375A  
FCS Exp #=85832  
UVSP

Event # = 10893  
89/03/14, 19:55 DOY=73 Peak Pitch=-457", Yaw=-537", Roll=-20deg H. Ang=47deg  
Start End times  
Optical SMM Pointing: N33W25  
GOES Ha...Class=SN N32W27 AR5395 Carr. Lon.=256deg H. Ang=47deg  
19:36 19:55 20:29 Importance=M1 Peak...c/s=291 Qual=01 Tot Cts=39223 MaxkeV=102 #Peaks=1 dt= 7.7s XEN=907314  
HXRBs 19:34:20 19:39:53 19:56:21 CaPeak.c/s=906 Qual= 1 FePeak=19:42 Rast=240"x240" Cad= 590s 1.024s/pixel  
19:31 19:52 20:10 Wavelength=1375A Code=00 Exp #=85841 Step=10" Pitch=-415", Yaw=-542"  
FCS UVSP Frequency(MHz)/Flux(sfu): 4995/60 8800/100 15400/120  
Radio CaPeak.c/s=1277 Qual= 5 FePeak=17:59 Rast=265"x265" Pitch=-451", Yaw=-520"  
19:38 19:38 20:10 Wavelength=1375A  
UVSP Exp #=85841

Event # = 22576  
89/03/14, 21:04 DOY=73 Peak Pitch=-453", Yaw=-547", Roll=-20deg H. Ang=47deg  
Start End times  
Optical SMM Pointing: N33W26  
GOES Ha...Class=SN N32W27 AR5395 Carr. Lon.=255deg H. Ang=47deg  
21:04 21:04 21:46 CaPeak.c/s=696 Qual= 5 FePeak=21:04 MaxkeV=102 #Peaks=1 dt= 3.8s XEN=907315  
FCS Wavelength=1375A Rast=240"x240" Cad= 590s 1.024s/pixel  
UVSP 21:07 Exp #=85846 Step=5" Pitch=-443", Yaw=-539"

Event # = 10894  
89/03/14, 21:42 DOY=73 Peak Pitch=-453", Yaw=-547", Roll=-20deg H. Ang=47deg  
Start End times  
Optical SMM Pointing: N33W26  
GOES Ha...Class=SF S19E51 AR5403 Carr. Lon.=177deg H. Ang=51deg  
21:42:06 21:42:18 21:42:38 Peak...c/s=44 Qual=01 Tot Cts=124 MaxkeV=102 #Peaks=1 dt= 3.8s XEN=907316  
UVSP 21:31 Wavelength=1375A Exp #=85850 Rast=265"x265" Pitch=-439", Yaw=-548"

Event # = 22577  
89/03/14, 22:41 DOY=73 Peak  
Start End times  
GOES  
BCS 22:38 22:41 22:54 CaPeak.c/s=54 Qual= 4 FePeak=22:38 dt= 3.8s XEN=907316  
FCS Wavelength=1375A Exp #=85853 Rast=265"x265" Pitch=-439", Yaw=-548"  
UVSP

89/03/15 DOY=74

Event # = 10895  
 89/03/15, 00:24 DOY=74  
 Start Peak  
 SMM Pointing: N33W28  
 Ha...Class=SF  
 Peak...c/s=52  
 CaPeak.c/s=56  
 Wavelength=1375A  
 410/140  
 End times  
 00:23:24 00:24:41  
 00:24 00:34  
 Frequency(MHz)/Flux(sfu):  
 10895 1375A

Optical  
 GOES 00:22:17 00:23:24 00:24:41  
 HXRBS 00:11 00:24 00:34  
 BCS 00:16  
 FCS  
 UVSP  
 Radio  
 Pitch=-444", Yaw=-567", Roll=-20deg  
 Mac.=FKC  
 Carr. Lon.=254deg  
 H.Ang=48deg  
 H.Ang=44deg  
 MaxkeV=102  
 FePeak.c/s=13 dt= 3.8s XEN=907400  
 Rast=420"x240" Cad= 459s 1.024s/pixel  
 Rast=30"x30" Pitch=-407", Yaw=-570"  
 Step=15" Step=10"  
 #Peaks=2  
 Tot Cts=491  
 FePeak=00:24  
 Exp #=85862

Event # = 22578  
 89/03/15, 01:04 DOY=74  
 Start Peak  
 SMM Pointing: N33W29  
 Ha...Class=SF  
 Peak...c/s=85  
 CaPeak.c/s=20  
 Wavelength=1375A  
 410/140  
 End times  
 01:04 01:04  
 Frequency(MHz)/Flux(sfu):  
 22578 1375A

Optical  
 GOES 01:51:11 01:51:18 01:51:32  
 HXRBS 01:51  
 BCS  
 FCS  
 UVSP  
 Radio  
 Pitch=-438", Yaw=-579", Roll=-20deg  
 Mac.=FKC  
 Carr. Lon.=261deg  
 H.Ang=51deg  
 MaxkeV=102  
 FePeak.c/s=7 dt= 7.7s XEN=907401  
 Rast=30"x30" Pitch=-381", Yaw=-590"  
 Step=10" Step=10"  
 #Peaks=1  
 Tot Cts=230  
 FePeak=01:04  
 Exp #=85866

Event # = 10896  
 89/03/15, 01:51 DOY=74  
 Start Peak  
 SMM Pointing: N33W29  
 Ha...Class=SF  
 Peak...c/s=85  
 CaPeak.c/s=45  
 Wavelength=1375A  
 410/140  
 End times  
 01:51:18 01:51:32  
 Frequency(MHz)/Flux(sfu):  
 10896 1375A

Optical  
 GOES 01:44 02:25  
 BCS  
 FCS  
 UVSP  
 Radio  
 Pitch=-430", Yaw=-600", Roll=-20deg  
 Mac.=FKC  
 Carr. Lon.=249deg  
 H.Ang=50deg  
 H.Ang=47deg  
 MaxkeV=187  
 FePeak.c/s=16 dt= 3.8s XEN=907404  
 Rast=240"x240" Cad= 590s 1.024s/pixel  
 Rast=30"x30" Pitch=-460", Yaw=-528"  
 Step=10" Step=10"  
 #Peaks=2  
 Tot Cts=5457  
 FePeak=05:00  
 Exp #=85887

Event # = 22579  
 89/03/15, 02:25 DOY=74  
 Start Peak  
 SMM Pointing: N30W37  
 Ha...Class=SF  
 Peak...c/s=198  
 CaPeak.c/s=198  
 Wavelength=1375A  
 8800/76  
 End times  
 02:41 04:13  
 Frequency(MHz)/Flux(sfu):  
 22579 1375A

Optical  
 GOES 03:18 03:19 04:13  
 BCS  
 FCS  
 UVSP  
 Radio  
 Pitch=-430", Yaw=-600", Roll=-20deg  
 Mac.=FKC  
 Carr. Lon.=249deg  
 H.Ang=50deg  
 H.Ang=47deg  
 MaxkeV=187  
 FePeak.c/s=16 dt= 3.8s XEN=907404  
 Rast=240"x240" Cad= 590s 1.024s/pixel  
 Rast=30"x30" Pitch=-460", Yaw=-528"  
 Step=10" Step=10"  
 #Peaks=2  
 Tot Cts=5457  
 FePeak=05:00  
 Exp #=85887

Event # = 10898									
89/03/15, 05:29	DOY=74	Peak	SMM Pointing:		N33W31	Pitch=-430", Yaw=-600", Roll=-20deg		H. Ang=50deg	
GOES	05:29:29	05:29:48	05:30:11	Qual=00		MaxkeV=187	Flags=ND		
HXRBS	05:18			Qual=01	Tot Cts=4811	Rast=30"x30"	Step=10"	Pitch=-469", Yaw=-545"	
UVSP					Exp #=85889				
Radio	Frequency(MHz)/Flux(sfu):		15400/140						
Event # = 10899									
89/03/15, 06:52	DOY=74	Peak	SMM Pointing:		N33W32	Pitch=-425", Yaw=-610", Roll=-20deg		H. Ang=50deg	
Optical						Mac.=FKC	Carr. Lon.=258deg	H. Ang=53deg	
GOES	06:23	06:52	10:25	N34W35	AR5395				
HXRBS	06:25:48	06:47:02	06:59:52	Qual=03					
GRS	06:47:00		06:50:00	Qual=01	Tot Cts=4,09E+5	MaxkeV=367			
BCS	06:24	06:50	07:22	Qual=1	FePeak=06:49			Dur=180sec	
FCS								XEN=907405	
UVSP	06:52				Exp #=85896			Cad=590s	
Radio	Frequency(MHz)/Flux(sfu):		1415/57 2595/620 4995/1600					Pitch=-425", Yaw=-644"	
BCS	07:58	08:37	08:52	Qual=1	Event # = 22581				
FCS					FePeak=08:35				
UVSP	08:25				Exp #=85903			dt=7.7s	
BCS	09:31	09:32	10:27	Qual=5	Event # = 22582			XEN=907406	
FCS					FePeak=09:32			Cad=590s	
UVSP	08:48				Exp #=85904			Pitch=-336", Yaw=-648"	
Event # = 10900									
89/03/15, 07:56	DOY=74	Peak	SMM Pointing:		N33W32	Pitch=-425", Yaw=-610", Roll=-20deg		H. Ang=50deg	
GOES	07:56:33	07:56:48	07:59:16	Qual=06		MaxkeV=102	Step=5"	Pitch=-414", Yaw=-603"	
HXRBS	07:59			Qual=01	Tot Cts=653	Rast=265"x265"			
UVSP					Exp #=85899				
Event # = 10901									
89/03/15, 08:12	DOY=74	Peak	SMM Pointing:		N33W32	Pitch=-425", Yaw=-610", Roll=-20deg		H. Ang=50deg	
GOES	08:12:38	08:12:54	08:13:23	Qual=00					
HXRBS	08:04			Qual=01	Tot Cts=1111	MaxkeV=144	Step=10"	Pitch=-322", Yaw=-666"	
UVSP					Exp #=85901				
Radio	Frequency(MHz)/Flux(sfu):		15400/54						
Event # = 10902									
89/03/15, 08:19	DOY=74	Peak	SMM Pointing:		N33W32	Pitch=-425", Yaw=-610", Roll=-20deg		H. Ang=50deg	
GOES	08:19:35	08:19:51	08:20:44	Qual=03					
HXRBS	08:04			Qual=01	Tot Cts=2163	MaxkeV=144	Step=10"	Pitch=-322", Yaw=-666"	
UVSP					Exp #=85901				
Radio	Frequency(MHz)/Flux(sfu):		8800/140 15400/340						

Event # = 11176 89/03/15,09:51 Start DOY=74 Peak	SMM Pointing: N33W33 Qual=05 Qual=01	End times	Pitch=-420",Yaw=-620",Roll=-20deg	H.Ang=51deg
GOES 09:50:33 HXRBs 09:51:11 UVSP 09:51:47 10:21	Peak...c/s=41 Wavelength=2788A III/3	09:51:11 09:51:47	MaxkeV=102 Rast=180"x1"	Flags=1 Step=0" Pitch=-281",Yaw=-445"
Radio Sweeps	Type/Intensity:			
Event # = 11177 89/03/15,11:37 Start DOY=74 Peak	SMM Pointing: N33W34 Qual=00 Qual=01	End times	Pitch=-415",Yaw=-630",Roll=-20deg	H.Ang=51deg
GOES 11:36:59 HXRBs 11:37:22 UVSP 11:56	Peak...c/s=40 Wavelength=2788A	11:37:22 11:37:40	MaxkeV=102 Rast=180"x1"	Flags=1 Step=0" Pitch=-277",Yaw=-454"
Event # = 22583 89/03/15,11:59 Start DOY=74 Peak	Qual=00 Qual=2	End times	FePeak.c/s=28 Rast=240"x240"	#Peaks=1 dt= 3.8s XEN=907408 Step=10" Cad= 590s 1.024s/pixel Step=0" Pitch=-277",Yaw=-454"
GOES 11:38 BCS 11:59 FCS 11:59 UVSP 11:56	CaPeak.c/s=94 Wavelength=2788A	11:59 12:00	FePeak=11:59 Exp #=85908	
Event # = 11178 89/03/15,12:21 Start DOY=74 Peak	SMM Pointing: N33W34 Ha...Class=IN Importance=M1 Qual=02 Qual=01	End times	Pitch=-415",Yaw=-630",Roll=-20deg	H.Ang=51deg
Optical 12:01 GOES 12:01 HXRBs 12:00:42 UVSP 12:29	Peak...c/s=52 Wavelength=2788A Code=02 2695/150 4995/280 8800/280	12:01 12:50 12:01:04 12:01:42	Mac.=FKC Carr. Lon.=251deg	H.Ang=47deg
Radio Frequency(MHz)/Flux(sfu):		12:29	MaxkeV=102 Rast=180"x1"	Flags=1 Step=0" Pitch=-276",Yaw=-457"
Event # = 22584 89/03/15,12:39 Start DOY=74 Peak	SMM Pointing: N34W37 Qual=05 Qual=5	End times	Mac.=FKC Carr. Lon.=256deg	H.Ang=54deg
Optical 12:38 GOES 12:38 BCS 12:39 FCS 12:39 UVSP 12:29	Ha...Class=SF CaPeak.c/s=103 Wavelength=2788A	12:38 13:04 13:04	FePeak.c/s=10 Rast=240"x240"	#Peaks=1 dt= 3.8s XEN=907409 Step=10" Cad= 590s 1.024s/pixel Step=0" Pitch=-276",Yaw=-457"
Event # = 10903 89/03/15,13:38 Start DOY=74 Peak	SMM Pointing: N33W35 Ha...Class=SN Importance=M1 Qual=02 Qual=01	End times	Pitch=-409",Yaw=-644",Roll=-20deg	H.Ang=52deg
Optical 13:31 GOES 13:31 HXRBs 13:31:07 BCS 13:25 FCS 13:25 UVSP 13:28	Peak...c/s=181 CaPeak.c/s=118 Wavelength=2788A Code=01 III/3 245/5400 410/860 606/190 4995/65 8800/100	13:38 13:50 13:33:02 13:33:38 13:33 13:34	Mac.=FKC Carr. Lon.=257deg	H.Ang=53deg
Radio Sweeps	Type/Intensity:		MaxkeV=187 FePeak.c/s=32 Rast=240"x240"	#Peaks=1 dt= 7.7s XEN=907410 Step=10" Cad= 590s 1.024s/pixel Step=0" Pitch=-273",Yaw=-462"
Radio Frequency(MHz)/Flux(sfu):				

Event # = 10904		DOY=74		SMM Pointing:		N33W35		Pitch=-409", Yaw=-644", Roll=-20deg		H. Ang=52deg	
89/03/15,14:31	Start	14:31	Peak	Ha...Class=SF		N31E44		Carr. Lon.=174deg		H. Ang=57deg	
GOES		14:34		Importance=C5		Qual=01		Mac.=BXO			
HXRBS		14:29:23		Peak...c/s=77		Qual=01		MaxkeV=102		dt= 3.8s	
BCS		14:30		CaPeak.c/s=102		Qual= 1		FePeak.c/s=28		XEN=907411	
FCS		14:30		Peak3..c/s=11		Code=01		Rast=240"x240"		Cad= 590s	
UVSP		14:03		Wavelength=2788A		Exp #=85911		Rast=180"x1"		Pitch=-272", Yaw=-465"	
Event # = 22585		DOY=74		SMM Pointing:		N31E44		Pitch=-409", Yaw=-644", Roll=-20deg		H. Ang=52deg	
89/03/15,14:53	Start	14:53	Peak	Ha...Class=SF		Qual=01		Carr. Lon.=174deg		H. Ang=57deg	
GOES		15:00		Importance=C5		Qual= 1		Mac.=BXO			
BCS		14:52		Peak...c/s=77		Qual=01		MaxkeV=102		dt= 3.8s	
FCS		15:02		CaPeak.c/s=34		Code=01		FePeak.c/s=28		XEN=907412	
UVSP		15:02		Wave length=2788A		Exp #=85912		Rast=240"x240"		Cad= 590s	
Event # = 22586		DOY=74		SMM Pointing:		N31E44		Pitch=-409", Yaw=-644", Roll=-20deg		H. Ang=52deg	
89/03/15,15:05	Start	15:05	Peak	Ha...Class=SF		Qual=00		Carr. Lon.=174deg		H. Ang=57deg	
GOES		15:07		Importance=C5		Qual= 4		Mac.=BXO			
BCS		15:04		Peak...c/s=77		Qual=00		MaxkeV=102		dt= 7.7s	
FCS		15:02		CaPeak.c/s=20		Code=01		FePeak.c/s=12		XEN=907413	
UVSP		15:02		Wave length=2788A		Exp #=85912		Rast=240"x240"		Cad= 590s	
Radio		Frequency(MHz)/Flux(sfu):		245/1100				Rast=180"x1"		Pitch=-269", Yaw=-470"	
Event # = 22587		DOY=74		SMM Pointing:		N31E44		Pitch=-409", Yaw=-644", Roll=-20deg		H. Ang=52deg	
89/03/15,15:51	Start	15:51	Peak	Ha...Class=SF		Qual=01		Carr. Lon.=174deg		H. Ang=57deg	
GOES		15:55		Importance=C5		Qual= 4		Mac.=BXO			
BCS		15:50		Peak...c/s=77		Qual=01		MaxkeV=102		dt= 3.8s	
FCS		15:51		CaPeak.c/s=25		Code=01		FePeak.c/s=8		XEN=907414	
UVSP		15:36		Wave length=2788A		Exp #=85913		Rast=240"x240"		Cad= 590s	
Event # = 22588		DOY=74		SMM Pointing:		N31E44		Pitch=-409", Yaw=-644", Roll=-20deg		H. Ang=52deg	
89/03/15,16:02	Start	16:02	Peak	Ha...Class=SF		Qual=01		Carr. Lon.=174deg		H. Ang=57deg	
GOES		16:41		Importance=C5		Qual= 1		Mac.=FKC			
BCS		15:59		Peak...c/s=77		Qual=01		MaxkeV=102		dt= 3.8s	
FCS		16:02		CaPeak.c/s=51		Code=01		FePeak.c/s=16		XEN=907415	
UVSP		16:18		Wave length=2788A		Exp #=85913		Rast=240"x240"		Cad= 590s	
Event # = 22590		DOY=74		SMM Pointing:		N31W40		Pitch=-409", Yaw=-644", Roll=-20deg		H. Ang=52deg	
89/03/15,16:54	Start	16:54	Peak	Ha...Class=2B		Qual=05		Carr. Lon.=257deg		H. Ang=54deg	
Optical		17:18		Importance=M8		Qual= 5		Mac.=FKC			
GOES		16:48		Peak...c/s=77		Qual=05		MaxkeV=102		dt= 3.8s	
BCS		17:17		CaPeak.c/s=1393		Code=01		FePeak.c/s=198		XEN=907416	
FCS		17:10		Wave length=2788A		Exp #=85915		Rast=240"x240"		Cad= 590s	
UVSP		17:10						Rast=180"x1"		Pitch=-264", Yaw=-481"	

Event # = 10905	DOY=74	SMM Pointing:	N33W37	Pitch=-400", Yaw=-664", Roll=-20deg	H.Ang=53deg
89/03/15,17:33	Peak	End times			
Start					
GOES 17:20:15	17:33:43	17:39:31	Qual=00	MaxkeV=187	Flags=SN
HXRBS			Qual=02	Rast=243"x243"	Step=3"
UVSP 17:25					Pitch=-390", Yaw=-655"
Event # = 22589	DOY=74	Ha...Class=SF	S18W26	Mac.=EAI	Carr. Lon.=242deg
89/03/15,18:54	Peak	End times			H.Ang=28deg
Start					
Optical					
GOES 18:51	18:54	19:09	Qual=00	FePeak.c/s=7	#Peaks=1
HXRBS			Qual=4	Rast=240"x240"	Step=10"
FCS					Cad=590s
UVSP 18:54					Pitch=-386", Yaw=-663"
Event # = 10906	DOY=74	SMM Pointing:	N33W38	Pitch=-394", Yaw=-676", Roll=-20deg	H.Ang=54deg
89/03/15,19:25	Peak	End times			
Start					
Optical					
GOES 19:23:26	19:24:00	19:24:15	Qual=00	MaxkeV=102	#Peaks=1
HXRBS			Qual=01	FePeak.c/s=8	Step=10"
BCS 19:24	19:25	19:27	Qual=1	Rast=240"x240"	Cad=590s
FCS					Pitch=-298", Yaw=-716"
UVSP 19:19					Step=10"
Event # = 10907	DOY=74	SMM Pointing:	N33W39	Pitch=-389", Yaw=-686", Roll=-20deg	H.Ang=55deg
89/03/15,20:55	Peak	End times			
Start					
GOES 20:51:26	20:53:50	20:54:55	Qual=00	MaxkeV=102	#Peaks=2
HXRBS			Qual=01	FePeak.c/s=20	Step=10"
BCS 20:30	20:55	21:03	Qual=1	Rast=240"x240"	Cad=590s
FCS					Pitch=-264", Yaw=-785"
UVSP 20:50					Step=10"
Event # = 22591	DOY=74	Importance=C8	Qual=05	FePeak.c/s=9	#Peaks=1
89/03/15,21:30	Peak	End times			
Start					
GOES 21:10	21:30	22:12	Qual=5	Rast=240"x240"	Step=10"
BCS 21:57	21:57	22:21			Cad=590s
FCS					Pitch=-274", Yaw=-787"
UVSP 21:13	22:08				Step=10"
Event # = 22592	DOY=75	CaPeak.c/s=22	Qual=00	FePeak.c/s=6	#Peaks=1
89/03/16,01:17	Peak	End times			
Start					
GOES 01:14	01:17	01:25	Qual=4	Rast=240"x240"	Step=10"
BCS					Cad=590s
FCS					Pitch=-363", Yaw=-737"
UVSP 01:11					Step=10"
Radio Sweeps	Type/Intensity:				
Radio Frequency (MHz)/Flux(sfu):	245/1900	410/140			

Event # = 10908		89/03/16, 01:37		DOY=75	SMM Pointing:		N33W41	Pitch=-378", Yaw=-707", Roll=-20deg		H.Ang=56deg
GOES		Start		Peak	End times					
HXRB		01:37:46	01:37:51	01:37:57	Peak...c/s=52		Qual=00			
UVSP		01:32			Wavelength=1375A		Qual=01	MaxkeV=102		
								Rast=30"x30"		Step=10" Pitch=-363", Yaw=-739"
Event # = 10909		89/03/16, 02:20		DOY=75	SMM Pointing:		N33W41	Pitch=-378", Yaw=-707", Roll=-20deg		H.Ang=56deg
Optical		Start		Peak	End times					
GOES		01:55	02:20	03:38	Ha...Class=1F		N28W48	Mac. =FKC		
HXRB		01:55:37	01:59:21	01:59:47	Importance=M3		Qual=02	Carr. Lon.=260deg		H.Ang=58deg
BCS		02:37	02:38	03:32	Peak...c/s=340		Qual=03	Flags=ES		
FCS					CaPeak.c/s=510		Qual= 5	MaxkeV=144		
UVSP		02:39			Wavelength=1375A			FePeak.c/s=59		dt= 3.8s XEN=907502
Radio		Frequency (MHz)/Flux(sfu):			245/440 1415/240 2695/430			Rast=240"x240"		Cad= 590s 1.024s/pixel
								Step=5"		Pitch=-367", Yaw=-702"
Event # = 10920		89/03/16, 04:15		DOY=75	SMM Pointing:		N33W42	Pitch=-373", Yaw=-717", Roll=-20deg		H.Ang=57deg
GOES		Start		Peak	End times					
HXRB		04:13:38	04:13:47	04:14:30	Peak...c/s=2000		Qual=05	MaxkeV=468		
BCS		04:10	04:15	05:05	CaPeak.c/s=246		Qual=01	FePeak.c/s=30		Flags=M5
FCS			04:48		Peak3...c/s=2062		Qual= 1	Rast=240"x240"		dt= 3.8s XEN=907519
UVSP		04:13			Wavelength=1375A			Step=10"		Cad= 590s 1.024s/pixel
Radio		Frequency (MHz)/Flux(sfu):			245/1100 15400/250			Step=5"		Pitch=-363", Yaw=-710"
Event # = 10910		89/03/16, 04:49		DOY=75	SMM Pointing:		N33W42	Pitch=-373", Yaw=-717", Roll=-20deg		H.Ang=57deg
GOES		Start		Peak	End times					
HXRB		04:48:55	04:49:17	04:50:24	Peak...c/s=41		Qual=00	MaxkeV=102		
UVSP		04:44			Wavelength=1375A		Qual=01	Rast=10"x10"		Step=0" Pitch=-285", Yaw=-754"
Event # = 10911		89/03/16, 04:54		DOY=75	SMM Pointing:		N33W42	Pitch=-373", Yaw=-717", Roll=-20deg		H.Ang=57deg
GOES		Start		Peak	End times					
HXRB		04:54:09	04:54:20	04:54:42	Peak...c/s=70		Qual=00	MaxkeV=102		
UVSP		04:44			Wavelength=1375A		Qual=01	Rast=10"x10"		Step=0" Pitch=-285", Yaw=-754"
Event # = 10912		89/03/16, 05:47		DOY=75	SMM Pointing:		N33W43	Pitch=-368", Yaw=-727", Roll=-20deg		H.Ang=57deg
GOES		Start		Peak	End times					
HXRB		05:47:39	05:47:44	05:47:52	Peak...c/s=44		Qual=00	MaxkeV=102		
UVSP		05:46			Wavelength=1375A		Qual=01	Rast=265"x265"		Step=5" Pitch=-359", Yaw=-717"



Event # = 10913	DOY=75	SMM Pointing:	N33W43	Pitch=-368", Yaw=-727", Roll=-20deg	H. Ang=57deg
89/03/16, 06:14	Peak	End times			
GOES	06:10:35	06:17:29	Qual=01	MaxkeV=102	
HXRBS	06:11:36	06:17:29	Qual=01	FePeak.c/s=37	#Peaks=2 dt= 3.8s XEN=907503
BCS	05:44	06:38	Qual= 1	Rast=240"x240"	Step=10" Cad= 590s 1.024s/pixel
FCS				Rast=30"x30"	Step=10" Pitch=-296", Yaw=-747"
UVSP	06:11		Exp #=85974		
Radio	Frequency(MHz)/Flux(sfu):	245/450 410/64 8800/58 15400/67			
Event # = 10914	DOY=75	SMM Pointing:	N33W43	Pitch=-368", Yaw=-727", Roll=-20deg	H. Ang=57deg
89/03/16, 06:33	Peak	End times			
GOES	06:32:51	06:33:09	Qual=00	MaxkeV=187	
HXRBS	06:33:00	06:33:09	Qual=01	Rast=30"x30"	Step=10" Pitch=-300", Yaw=-748"
UVSP	06:33		Tot Cts=140		
			Exp #=85976		
Event # = 10915	DOY=75	SMM Pointing:	N33W45	Pitch=-363", Yaw=-738", Roll=-20deg	H. Ang=58deg
89/03/16, 07:24	Peak	End times			
Optical			N32W57	Mac. =FKC	Carr. Lon.=266deg
GOES	07:20:02	07:20:36	Qual=06	MaxkeV=102	
HXRBS	07:18	07:44	Qual=01	FePeak.c/s=7	#Peaks=1 dt= 7.7s XEN=907504
BCS	07:18	07:24	Qual= 1	Rast=240"x240"	Step=10" Cad= 590s 1.024s/pixel
FCS				Rast=30"x30"	Step=10" Pitch=-273", Yaw=-772"
UVSP	07:24		Exp #=85979		
Event # = 22594	DOY=75	Ha...Class=SN	N32W57	Mac. =FKC	Carr. Lon.=266deg
89/03/16, 07:55	Peak	End times			
Optical			N32W57	FePeak.c/s=6	#Peaks=1 dt= 7.7s XEN=907505
GOES	07:54	07:59	Qual=06	Rast=240"x240"	Step=10" Cad= 590s 1.024s/pixel
BCS	07:54	07:55	Qual= 4	Rast=30"x30"	Step=10" Pitch=-277", Yaw=-769"
FCS					
UVSP	07:45		Exp #=85981		
Event # = 22595	DOY=75	CaPeak.c/s=31	Qual=06	FePeak.c/s=9	#Peaks=1 dt= 7.7s XEN=907506
89/03/16, 08:05	Peak	End times			
GOES	08:01	08:13	Qual= 1	Rast=240"x240"	Step=10" Cad= 590s 1.024s/pixel
BCS	08:01	08:05	Qual= 1		Pitch=-273", Yaw=-766"
FCS					
UVSP	08:05		Exp #=85984		
Event # = 22596	DOY=75	CaPeak.c/s=82	Qual=00	FePeak.c/s=13	#Peaks=1 dt= 3.8s XEN=907507
89/03/16, 08:54	Peak	End times			
GOES	08:51	09:45	Qual= 4	Rast=240"x240"	Step=10" Cad= 590s 1.024s/pixel
BCS	08:51	08:54	Qual= 4	Rast=265"x265"	Step=5" Pitch=-351", Yaw=-732"
FCS					
UVSP	08:52		Exp #=85984		

Event # = 10916		SMM Pointing:		N33W46		Pitch=-357", Yaw=-748", Roll=-20deg		H. Ang=59deg	
89/03/16,10:41	DOY=75	Start	End times						
GOES	10:39:57	10:41:04	10:42:55	Peak...c/s=73	Qual=01	MaxkeV=187	#Peaks=2	dt= 7.7s	XEN=907520
BCS	10:24	10:41	11:20	CaPeak.c/s=233	Qual= 1	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
FCS						Rast=180"x1"	Step=0"	Pitch=-219"	Yaw=-571"
UVSP	11:15			Wavelength=2788A					
Radio	Sweeps		Type/Intensity:	V/2					
Radio	Frequency(MHz)/Flux(sfu):		245/1400	410/620					
Event # = 10917		SMM Pointing:		N33W46		Pitch=-357", Yaw=-748", Roll=-20deg		H. Ang=59deg	
89/03/16,11:03	DOY=75	Start	End times						
GOES	11:03:02	11:03:13	11:03:28	Peak...c/s=42	Qual=00	MaxkeV=102			
HRBS				Wavelength=2788A	Qual=01	Rast=180"x1"	Step=0"	Pitch=-219"	Yaw=-571"
UVSP	11:15								
Radio	Sweeps		Type/Intensity:	III/1					
Event # = 10918		SMM Pointing:		N33W46		Pitch=-357", Yaw=-748", Roll=-20deg		H. Ang=59deg	
89/03/16,11:09	DOY=75	Start	End times						
GOES	11:09:27	11:09:55	11:10:06	Peak...c/s=43	Qual=00	MaxkeV=102			
HRBS				Wavelength=2788A	Qual=01	Rast=180"x1"	Step=0"	Pitch=-219"	Yaw=-571"
UVSP	11:15								
Radio	Sweeps		Type/Intensity:	III/1					
Event # = 10919		SMM Pointing:		N33W46		Pitch=-357", Yaw=-748", Roll=-20deg		H. Ang=59deg	
89/03/16,11:15	DOY=75	Start	End times						
Optical				Ha...Class=2B	N32W65	Mac.=FKC			
GOES	11:15:21	11:15:54	11:16:30	Peak...c/s=90	Qual=00	MaxkeV=187			
HRBS				Wavelength=2788A	Qual=01	Rast=180"x1"	Step=0"	Pitch=-219"	Yaw=-571"
UVSP	11:15								
Radio	Sweeps		Type/Intensity:	8800/91 15400/200					
Event # = 22597		SMM Pointing:		N33W47		Pitch=-351", Yaw=-759", Roll=-20deg		H. Ang=60deg	
89/03/16,12:09	DOY=75	Start	End times						
GOES	12:03	12:09	12:12	CaPeak.c/s=22	Qual= 4	FePeak=12:03			
BCS				Wavelength=2788A	Qual=00	Rast=240"x240"	Step=10"	Cad= 590s	XEN=907508
FCS						Rast=180"x1"	Step=0"	Pitch=-217"	Yaw=-574"
UVSP	11:49								
Radio	Sweeps		Type/Intensity:	8800/91 15400/200					
Event # = 10922		SMM Pointing:		N33W47		Pitch=-351", Yaw=-759", Roll=-20deg		H. Ang=60deg	
89/03/16,12:26	DOY=75	Start	End times						
Optical				Ha...Class=SF	N29W55	Mac.=FKC			
GOES	12:17	12:26	12:28	Importance=C6	Qual=01	MaxkeV=102			
HRBS	12:23:28	12:24:18	12:25:30	Peak...c/s=67	Qual=01	FePeak.c/s=35	#Peaks=1	dt= 7.7s	XEN=907509
BCS	12:18	12:25	12:30	CaPeak.c/s=152	Qual= 1	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
FCS						Rast=180"x1"	Step=0"	Pitch=-215"	Yaw=-578"
UVSP	12:48			Wavelength=2788A					
Radio	Sweeps		Type/Intensity:	Associated					
HRBS	12:18:00	12:18:30	12:20:16	Peak...c/s=59	Qual=01	MaxkeV=102			
UVSP	11:49			Wavelength=2788A		Rast=180"x1"	Step=0"	Pitch=-217"	Yaw=-574"

Event # = 22598	DOY=75	Start	End times	Qual=00	FePeak=12:51	FePeak=12:51	FePeak.c/s=12	#Peaks=1	dt= 7.7s	XEN=907510
89/03/16 12:51	Peak	12:45	12:53	Qual= 1	Exp #=85993	Exp #=85993	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
GOES							Rast=180"x1"	Step=0"	Pitch=-215"	Yaw=-578"
BCS										
FCS										
UVSP										
Event # = 22599	DOY=75	Start	End times	Qual=00	FePeak=13:44	FePeak=13:44	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=907511
89/03/16 13:36	Peak	13:35	13:49	Qual= 4	Exp #=85994	Exp #=85994	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
GOES							Rast=180"x1"	Step=0"	Pitch=-214"	Yaw=-580"
BCS										
FCS										
UVSP										
Event # = 22600	DOY=75	Start	End times	Qual=00	FePeak=14:21	FePeak=14:21	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=907512
89/03/16 14:22	Peak	14:20	14:26	Qual= 4	Exp #=85995	Exp #=85995	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
GOES							Rast=180"x1"	Step=0"	Pitch=-212"	Yaw=-584"
BCS										
FCS										
UVSP										
Event # = 10923	DOY=75	Start	End times	SMM Pointing:	N33W48		Pitch=-346"	Yaw=-769"	Roll=-20deg	H.Ang=61deg
89/03/16 15:27	Peak	15:22	15:29	Ha...Class=2B	AR5395		Mac.=FKC		Carr.Lon.=252deg	H.Ang=62deg
Optical				Ha...Class=SF	AR5405				Carr.Lon.=269deg	H.Ang=68deg
Optical				Importance=X4					Flags=M5,IN,IS	
GOES				Peak...c/s=160100	Qual=11	Tot Cts=1.77E+7	MaxkeV=857		>10MeV=Y	Dur=540sec
HXRBS				CaPeak.c/s=7661	Qual= 1	FePeak=15:26	FePeak.c/s=8200	#Peaks=1	dt= 3.8s	XEN=907513
GRS				Wavelength=2788A		Exp #=85997	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
BCS						Exp #=85997	Rast=180"x1"	Step=0"	Pitch=-208"	Yaw=-591"
FCS						Exp #=85997				
UVSP						Exp #=85997				
Radio						Exp #=85997				
Frequency(MHz)/Flux(sfu):						Exp #=85997				
245/8100 410/2000						Exp #=85997				
606/1400 1415/3900						Exp #=85997				
2695/9300 4995/20000						Exp #=85997				
8800/31000 15400/34000						Exp #=85997				
Associated Event # = 22601						Exp #=85997				
Qual= 4						Exp #=85997				
FePeak=16:41						Exp #=85997				
CaPeak.c/s=219						Exp #=85997				
Wavelength=2788A						Exp #=85997				
Event # = 10933	DOY=75	Start	End times	SMM Pointing:	N33W49		Pitch=-341"	Yaw=-779"	Roll=-20deg	H.Ang=62deg
89/03/16 17:59	Peak	17:52	18:52	Ha...Class=IN	AR5395		Mac.=FKC		Carr.Lon.=258deg	H.Ang=65deg
Optical				Importance=M2						
GOES				Peak...c/s=196	Qual=01	Tot Cts=1562	MaxkeV=187		#Peaks=1	dt= 3.8s
HXRBS				CaPeak.c/s=239	Qual= 5	FePeak=18:11	FePeak.c/s=26	Step=10"	Cad= 590s	1.024s/pixel
BCS				Wavelength=1375A		Exp #=86000	Rast=240"x240"	Step=10"	Pitch=-330"	Yaw=-773"
FCS				V/2		Exp #=86000	Rast=265"x265"	Step=5"		
UVSP						Exp #=86000				
Radio Sweeps						Exp #=86000				

Event # = 10939																				
89/03/16, 19:19	DOY=75	Peak																		
Optical			SMM Pointing:	N33W51																
GOES	18:54	19:19	Ha...Class=IN	N31W55	AR5395															
HXRBS	19:48:00	19:55:43	Code=BSL	N35W62	AR5395															
BCS	19:44	19:45	Importance=M7	Qual=05																
UVSP	19:00		Peak...c/s=48	Qual=01	Tot Cts=2983															
			CaPeak.c/s=612	Qual=5	FePeak=19:44															
			Wavelength=1375A	Code=01	Exp #=86006															
Event # = 22603																				
89/03/16, 20:45	DOY=75	Peak																		
Optical			SMM Pointing:	N29W60	AR5395															
GOES	20:37	20:45	Ha...Class=1B	Qual=05																
BCS	21:17	21:16	Importance=X1	Qual=5	FePeak=21:16															
UVSP	20:32		CaPeak.c/s=-1	Code=01	Exp #=86013															
			Wavelength=1375A																	
Event # = 11179																				
89/03/16, 23:04	DOY=75	Peak																		
Optical			SMM Pointing:	N33W52																
GOES	23:03:58	23:04:03	Peak...c/s=85	Qual=00	Tot Cts=177															
HXRBS	22:57		Wavelength=1375A	Qual=01	Exp #=86023															
UVSP	23:18																			
Radio Sweeps																				
Event # = 11180																				
89/03/16, 23:19	DOY=75	Peak																		
Optical			SMM Pointing:	N33W52																
GOES	23:14	23:19	Importance=C8	Qual=01	Tot Cts=12225															
HXRBS	23:14:23	23:16:30	Peak...c/s=254	Qual=11	FePeak=23:18															
BCS	22:52	23:19	CaPeak.c/s=311	Qual=1	Exp #=86025															
UVSP	23:18		Wavelength=1375A	Code=00																
Radio Sweeps			III/2																	
Event # = 11181																				
89/03/16, 23:25	DOY=75	Peak																		
Optical			SMM Pointing:	N33W52																
GOES	23:25:41	23:25:48	Peak...c/s=55	Qual=00	Tot Cts=175															
HXRBS	23:18		Wavelength=1375A	Qual=01	Exp #=86025															
UVSP	23:18																			
Radio Sweeps																				
Event # = 11182																				
89/03/16, 23:28	DOY=75	Peak																		
Optical			SMM Pointing:	N33W52																
GOES	23:27:55	23:28:06	Peak...c/s=54	Qual=00	Tot Cts=322															
HXRBS	23:18		Wavelength=1375A	Qual=01	Exp #=86025															
UVSP	23:18																			
Radio Sweeps			III/2																	

Event # = 11183  
 89/03/17 01:05 DOY=76 Peak  
 SMM Pointing: N33W53 Pitch=-323", Yaw=-811", Roll=-20deg H.Ang=65deg

GOES 01:03:54 01:03:59 01:04:40 Peak...c/s=60 Qual=00  
 HXRBS 01:04 01:05 01:17 CaPeak.c/s=45 Qual=01  
 BCS 01:04 01:05 01:17 WaveLength=1375A Qual=1  
 FCS 00:56  
 UVSP 01:59 Tot Cts=458 dt= 3.8s XEN=907600  
 FePeak=1 #Peaks=1 XEN=907600  
 Rast=240"x240" Cad= 590s 1.024s/pixel  
 Step=10" Pitch=-297", Yaw=-842"  
 Step=0" MaxkeV=102  
 Rast=10" x10" Step=5" FePeak.c/s=10  
 Step=10" dt= 3.8s XEN=907600  
 Step=10" Cad= 590s 1.024s/pixel  
 Step=0" Pitch=-297", Yaw=-842"

Event # = 10941  
 89/03/17 01:57 DOY=76 Peak  
 SMM Pointing: N33W53 Pitch=-323", Yaw=-811", Roll=-20deg H.Ang=65deg

Optical  
 GOES 01:55 01:57 02:01 Ha...Class=SF N27W57 Carr. Lon.=256deg H.Ang=65deg  
 HXRBS 01:56:05 01:56:44 01:58:27 Importance=C8 Qual=01  
 BCS 01:57 01:58 02:13 CaPeak.c/s=298 Qual=1  
 FCS 01:59 WaveLength=1375A Code=02 Exp #=86037  
 UVSP 01:59 Tot Cts=3359 dt= 3.8s XEN=907601  
 FePeak=1 #Peaks=1 XEN=907601  
 Rast=180"x180" Cad=41.5s 0.512s/pixel  
 Step=20" Pitch=-312", Yaw=-804"  
 Step=5" MaxkeV=187  
 Rast=265" x265" Step=5" FePeak.c/s=83  
 Step=20" dt= 3.8s XEN=907601  
 Step=5" Cad=41.5s 0.512s/pixel  
 Step=20" Pitch=-312", Yaw=-804"

Event # = 10943  
 89/03/17 02:47 DOY=76 Peak  
 SMM Pointing: N33W53 Pitch=-323", Yaw=-811", Roll=-20deg H.Ang=65deg

Optical  
 GOES 02:14 02:47 03:53 Ha...Class=3N N31W72 Carr. Lon.=270deg H.Ang=79deg  
 HXRBS 02:33:22 02:45:17 02:52:54 Ha...Class=SF N16W09 Carr. Lon.=207deg H.Ang=25deg  
 UVSP 02:43 02:45:17 02:52:54 Importance=C8 Qual=03  
 Radio Sweeps Peak...c/s=3081 Qual=03  
 Radio Frequency(MHz)/Flux(sfu): 410/850 606/750 1415/130 2695/240 4995/210 8800/110 15400/76  
 Type/Intensity: III/1  
 Associated Event # = 10942  
 HXRBS 02:15:40 02:16:07 02:18:11 Peak...c/s=153 Qual=01 MaxkeV=231  
 UVSP 02:03 02:16:07 02:18:11 WaveLength=1375A Exp #=86039 Tot Cts=3510  
 Radio Frequency(MHz)/Flux(sfu): 410/250 606/630 1415/30 2695/49 4995/37 8800/37 Step=10" x10" Pitch=-225", Yaw=-851"  
 Step=0" MaxkeV=231  
 Rast=10" x10" Step=0" Pitch=-225", Yaw=-851"

Event # = 10944  
 89/03/17 03:33 DOY=76 Peak  
 SMM Pointing: N33W55 Pitch=-316", Yaw=-823", Roll=-20deg H.Ang=66deg

GOES 03:30:52 03:31:44 03:34:54 Peak...c/s=1320 Qual=00  
 HXRBS 03:30 03:33 04:02 CaPeak.c/s=499 Qual=1  
 BCS 03:30 03:33 04:02 WaveLength=1375A  
 FCS 03:33  
 UVSP 03:33  
 Radio Sweeps Type/Intensity: III/3  
 Radio Frequency(MHz)/Flux(sfu): 1415/35 2695/90 4995/150 8800/250 15400/84  
 Associated Event # = 10945  
 HXRBS 03:35:42 03:37:18 03:38:51 Peak...c/s=110 Qual=01  
 UVSP 03:36 03:37:18 03:38:51 WaveLength=1375A Tot Cts=3742  
 Radio Frequency(MHz)/Flux(sfu): 8800/120 15400/170 Exp #=86048  
 Step=0" Pitch=-322", Yaw=-837"

Event # = 22605			DOY=76					
89/03/17	04:02	Start	End times					
GOES								
BCS	04:02	04:02	04:07		Qual=00			
FCS					Qual= 5	FePeak=04:04	dt= 7.7s XEN=907604	
UVSP	04:02	04:02			Wave length=1375A	Exp #=86051	Cad= 590s XEN=907604 Pitch=-311",Yaw=-839"	
Event # = 22606			DOY=76					
89/03/17	04:24	Start	End times					
GOES								
BCS	04:22	04:24	04:24		Qual=00			
FCS					Qual= 1	FePeak=04:24	dt= 7.7s XEN=907605	
UVSP	04:16	04:16			Wave length=1375A	Exp #=86054	Cad= 590s XEN=907605 Pitch=-290",Yaw=-849"	
Event # = 10934			DOY=76					
89/03/17	05:16	Start	End times					
GOES								
HXRBS	05:16:06	05:16:34	05:16:54		Qual=00			
UVSP	05:10	05:10			Qual=01	Tot Cts=326	Pitch=-316",Yaw=-823",Roll=-20deg H.Ang=66deg	
Event # = 10935			DOY=76					
89/03/17	05:32	Start	End times					
Optical								
GOES	05:31	05:32	05:35		N33W55			
HXRBS	05:30:04	05:30:43	05:33:26		N27W60	AR5395	Pitch=-316",Yaw=-823",Roll=-20deg H.Ang=66deg	
BCS	05:21	05:33	05:39		Ha...Class=SF		Mac.=FKC Carr.Lon.=257deg H.Ang=67deg	
FCS					Importance=C7			
UVSP	05:23	05:23			Peak...c/s=245	Tot Cts=10769	dt= 3.8s XEN=907606	
Radio Sweeps					CaPeak.c/s=179	FePeak=05:32	Cad= 590s XEN=907606	
Radio Frequency (MHz)/Flux(sfu)	2695/51 4995/120 8800/190 15400/81							
Event # = 10936			DOY=76					
89/03/17	05:44	Start	End times					
GOES								
HXRBS	05:43:03	05:43:22	05:44:00		N33W55			
BCS	05:43	05:44	05:53		Qual=01	Tot Cts=359	Pitch=-316",Yaw=-823",Roll=-20deg H.Ang=66deg	
FCS					Qual=01	FePeak=05:44	dt= 7.7s XEN=907607	
UVSP	05:37	05:37			Qual= 1	Exp #=86061	Cad= 590s XEN=907607 Pitch=-298",Yaw=-850"	
Event # = 10937			DOY=76					
89/03/17	05:59	Start	End times					
Optical								
GOES	05:55	05:59	06:01		N33W55			
HXRBS	05:56:49	05:57:26	05:58:24		N34W59	AR5395	Pitch=-316",Yaw=-823",Roll=-20deg H.Ang=66deg	
BCS	05:57	05:58	05:58		Qual=01		Mac.=FKC Carr.Lon.=256deg H.Ang=69deg	
FCS					Qual=01	Tot Cts=9366	dt= 7.7s XEN=907608	
UVSP	05:50	05:50			Qual= 2	FePeak=05:58	Cad= 590s XEN=907608 Pitch=-307",Yaw=-850"	
Radio Frequency (MHz)/Flux(sfu)	606/300 8800/97 15400/100							

Event # = 10938		89/03/17 07:19		DOY=76		Peak		SMM Pointing:		N33W57		Pitch=-309", Yaw=-834", Roll=-20deg		H. Ang=67deg			
Optical		Start		End times		Ha...Class=2B		N32W59		AR5395		Mac.=FKC		Carr. Lon.=255deg		H. Ang=68deg	
GOES		07:14		08:32		Importance=M7		Qual=03		Tot Cts=6.12E+5		MaxkeV=857		Flags=EN		Dur=120sec	
HXRBs		07:14:58		07:31:54		Peak...c/s=14600		Qual=03		FePeak.c/s=2567		#Peaks=1		dt= 3.8s		XEN=907609	
GRS		07:16:00		07:18:00		CaPeak.c/s=4770		Qual= 1		Exp #=86068		Step=5"		Cad=9.22s		1.024s/pixel	
BCS		07:15		07:31		Wavelength=1375A		Code=00		Exp #=86071		Step=10"		Pitch=-219", Yaw=-870"			
FCS						245/100 410/360		606/300 1415/290 2695/630		8800/1700 15400/1800							
UVSP		07:05				SMM Pointing:		N33W57				Pitch=-309", Yaw=-834", Roll=-20deg		H. Ang=67deg			
Radio		Frequency (MHz)/Flux(sfu):				Ha...Class=1F		N26W62		AR5395		Mac.=FKC		Carr. Lon.=257deg		H. Ang=69deg	
GOES		08:08:13		08:08:57		Peak...c/s=134		Qual=00		Tot Cts=3037		MaxkeV=102		Flags=SN, FS			
BCS		08:10		08:11		CaPeak.c/s=288		Qual= 4		FePeak=08:10		FePeak.c/s=61		#Peaks=1		dt= 3.8s	
FCS						Wavelength=1375A				Exp #=86071		Rast=180"x180"		Step=20"		Cad=41.5s	
UVSP		08:12				245/210 410/80						Rast=265"x265"		Step=5"		Pitch=-299", Yaw=-827"	
Radio		Frequency (MHz)/Flux(sfu):															
Event # = 22607		89/03/17 08:51		DOY=76		Peak		SMM Pointing:		N33W57		Pitch=-309", Yaw=-834", Roll=-20deg		H. Ang=67deg			
Optical		Start		End times		Ha...Class=1F		N26W62		AR5395		Mac.=FKC		Carr. Lon.=257deg		H. Ang=69deg	
GOES		08:45		09:01		Peak...c/s=32		Qual=00		FePeak=08:54		MaxkeV=102		Flags=SN, FS			
BCS		08:45		08:51		CaPeak.c/s=32		Qual= 1		Exp #=86075		FePeak.c/s=8		#Peaks=1		dt= 7.7s	
FCS						Wavelength=1375A						Rast=240"x240"		Step=10"		Cad= 590s	
UVSP		08:37				111/3						Rast=30"x30"		Step=10"		Pitch=-231", Yaw=-865"	
Radio		Sweeps		Type/Intensity:		1415/230											
Radio		Frequency (MHz)/Flux(sfu):															
Event # = 22608		89/03/17 09:44		DOY=76		Peak		SMM Pointing:		N33W57		Pitch=-309", Yaw=-834", Roll=-20deg		H. Ang=67deg			
Optical		Start		End times		Ha...Class=1F		N26W62		AR5395		Mac.=FKC		Carr. Lon.=257deg		H. Ang=69deg	
GOES		09:43		09:58		Peak...c/s=28		Qual=00		FePeak=09:45		MaxkeV=102		Flags=SN, FS			
BCS		09:43		09:44		CaPeak.c/s=28		Qual= 4		Exp #=86078		FePeak.c/s=8		#Peaks=1		dt= 7.7s	
FCS						Wavelength=1375A						Rast=420"x240"		Step=15"		Cad= 459s	
UVSP		09:46				245/100 410/360						Rast=265"x265"		Step=5"		Pitch=-296", Yaw=-832"	
Radio		Frequency (MHz)/Flux(sfu):															
Event # = 22609		89/03/17 10:33		DOY=76		Peak		SMM Pointing:		N33W57		Pitch=-309", Yaw=-834", Roll=-20deg		H. Ang=67deg			
Optical		Start		End times		Ha...Class=1F		N26W62		AR5395		Mac.=FKC		Carr. Lon.=257deg		H. Ang=69deg	
GOES		10:16		10:38		Peak...c/s=51		Qual=00		FePeak=10:33		MaxkeV=102		Flags=SN, FS			
BCS		10:16		10:33		CaPeak.c/s=51		Qual= 1		Exp #=86083		FePeak.c/s=14		#Peaks=3		dt= 3.8s	
FCS						Wavelength=2788A						Rast=240"x240"		Step=10"		Cad= 590s	
UVSP		10:34				245/100 410/360						Rast=180"x180"		Step=0"		Pitch=-167", Yaw=-662"	
Radio		Frequency (MHz)/Flux(sfu):															

Event # = 10946  
 89/03/17, 11:13 Start DOY=76 Peak Pitch=-304", Yaw=-845", Roll=-20deg H. Ang=68deg  
 Optical  
 GOES 11:04 11:13 12:21 SMM Pointing: N33W58 Mac.=FKC Carr. Lon.=253deg H. Ang=68deg  
 HXRBS 11:14:36 11:14:58 11:26:41 Ha...Class=2N N32W59 AR5395  
 BCS 11:17 11:17 11:51 Importance=M4 Qual=05  
 FCS 11:28 11:17 11:51 Peak...c/s=81 Qual=02 Tot Cts=9695  
 UVSP 11:09 11:28 11:51 CaPeak.c/s=1714 Qual=5 FePeak=11:17  
 Wavelength=2788A Code=00 Exp #=86084  
 Step=15" dt= 3.8s XEN=907614  
 Step=0" Cad= 262s 1.024s/pixel  
 Pitch=-166", Yaw=-664"

Event # = 10947  
 89/03/17, 11:58 Start DOY=76 Peak Pitch=-304", Yaw=-845", Roll=-20deg H. Ang=68deg  
 GOES 11:57:22 11:58:05 11:58:18 SMM Pointing: N33W58 MaxkeV=144  
 HXRBS 12:08 11:58:05 11:58:18 Peak...c/s=126 Qual=01 Rast=180"x1" Step=0" Pitch=-164", Yaw=-668"  
 UVSP 12:08 Type/Intensity: V/2 Tot Cts=909  
 Radio Frequency(MHz)/Flux(sfu): 245/170 Exp #=86085

Event # = 10948  
 89/03/17, 12:02 Start DOY=76 Peak Pitch=-304", Yaw=-845", Roll=-20deg H. Ang=68deg  
 GOES 12:01:05 12:01:21 12:01:51 SMM Pointing: N33W58 MaxkeV=102  
 HXRBS 11:51 12:02 12:12 Peak...c/s=52 Qual=01 FePeak.c/s=21 dt= 7.7s XEN=907616  
 FCS 12:08 12:02 12:12 CaPeak.c/s=89 Qual=4 FePeak=12:01 Rast=240"x240" Cad= 262s 1.024s/pixel  
 UVSP 12:08 Type/Intensity: III/3 Exp #=86085  
 Radio Wavelength=2788A

Event # = 22610  
 89/03/17, 14:44 Start DOY=76 Peak Pitch=-291", Yaw=-865", Roll=-20deg H. Ang=71deg  
 GOES 14:24 14:44 14:53 SMM Pointing: N33W62 Mac.=FKC Carr. Lon.=251deg H. Ang=70deg  
 BCS 14:24 14:44 14:53 Ha...Class=SF N34W60 AR5395  
 FCS 14:15 14:42 14:53 Importance=C4 Qual=03  
 UVSP 14:15 14:42 14:53 Peak...c/s=101 Qual=01 Tot Cts=1454  
 Wavelength=2788A CaPeak.c/s=128 Qual=1 FePeak=16:14  
 Exp #=86090  
 Event # = 10950  
 Associated  
 Qual=01  
 Exp #=86091  
 Event # = 10951  
 Associated  
 Qual=01  
 Tot Cts=317  
 Exp #=86091  
 Event # = 10952  
 Associated  
 Qual=01  
 Tot Cts=317  
 Exp #=86091  
 Event # = 10953  
 Associated  
 Qual=01  
 Tot Cts=317  
 Exp #=86091  
 Event # = 10954  
 Associated  
 Qual=01  
 Tot Cts=317  
 Exp #=86091  
 Event # = 10955  
 Associated  
 Qual=01  
 Tot Cts=317  
 Exp #=86091  
 Event # = 10956  
 Associated  
 Qual=01  
 Tot Cts=317  
 Exp #=86091  
 Event # = 10957  
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 Tot Cts=317  
 Exp #=86091  
 Event # = 10958  
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 Exp #=86091  
 Event # = 10959  
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 Qual=01  
 Tot Cts=317  
 Exp #=86091  
 Event # = 10960  
 Associated  
 Qual=01  
 Tot Cts=317  
 Exp #=86091  
 Event # = 10961  
 Associated  
 Qual=01  
 Tot Cts=317  
 Exp #=86091  
 Event # = 10962  
 Associated  
 Qual=01  
 Tot Cts=317  
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 Qual=01  
 Tot Cts=317  
 Exp #=86091  
 Event # = 10998  
 Associated  
 Qual=01  
 Tot Cts=317  
 Exp #=86091  
 Event # = 10999  
 Associated  
 Qual=01  
 Tot Cts=317  
 Exp #=86091  
 Event # = 11000  
 Associated  
 Qual=01  
 Tot Cts=317  
 Exp #=86091



Event # = 10952  
 89/03/17, 17:44 DOY=76  
 Start Peak  
 Optical  
 Optical  
 GOES 17:20 17:44  
 HXRBS 17:27:40 17:36:06  
 GRS 17:31:00  
 UVSP 17:37  
 Radio Sweeps  
 Radio Frequency(MHz)/Flux(sfu):

SMM Pointing: N33W62  
 Ha...Class=2B  
 Code=LPS  
 Importance=X7  
 Peak...c/s=132000  
 Qual=14  
 Wavelength=2788A  
 Code=00  
 II/3 IV/3  
 245/3900 410/760 606/510 1415/1500 2695/3100 8800/19000 15400/23000

Pitch=-291", Yaw=-865", Roll=-20deg  
 Mac.=FKC  
 Carr. Lon.=250deg  
 Carr. Lon.=251deg  
 Flags=M5, SN, IN, IS, EG  
 MaxkeV=857  
 Rast=243"x243" Step=3" Pitch=-280", Yaw=-856"  
 Dur=780sec  
 H. Ang=71deg

Event # = 11184  
 89/03/17, 19:09 DOY=76  
 Start Peak  
 GOES 19:07:14 19:07:29 19:07:45  
 HXRBS 19:03 19:09 19:37  
 BCS  
 FCS  
 UVSP 19:08  
 Radio Sweeps  
 Radio Frequency(MHz)/Flux(sfu):

SMM Pointing: N33W64  
 Peak...c/s=71  
 CaPeak.c/s=209  
 WaveLength=1375A  
 V/2

Pitch=-285", Yaw=-876", Roll=-20deg  
 MaxkeV=102  
 FePeak.c/s=21  
 Rast=240"x240" Step=10"  
 Rast=30"x30" Step=10"  
 dt= 3.8s  
 XEN=907619  
 Cad= 262s  
 Step=15"  
 Pitch=-185", Yaw=-912"  
 H. Ang=73deg

Event # = 10953  
 89/03/17, 20:17 DOY=76  
 Start Peak  
 GOES 20:09 20:17 20:37  
 HXRBS 20:40:26 20:40:44 20:41:15  
 BCS 20:36 20:44 20:53  
 FCS  
 UVSP 20:38  
 Radio Sweeps  
 Radio Frequency(MHz)/Flux(sfu):

SMM Pointing: N33W64  
 Importance=M1  
 Peak...c/s=89  
 CaPeak.c/s=117  
 Peak3...c/s=-1  
 WaveLength=1375A

Pitch=-285", Yaw=-876", Roll=-20deg  
 MaxkeV=187  
 FePeak.c/s=25  
 Rast=240"x240" Step=15"  
 Rast=265"x265" Step=5"  
 dt= 3.8s  
 XEN=907620  
 Cad= 262s  
 Step=15"  
 Pitch=-274", Yaw=-864"  
 H. Ang=73deg

Event # = 10954  
 89/03/17, 21:09 DOY=76  
 Start Peak  
 GOES 21:09:20 21:09:29 21:09:43  
 HXRBS 21:03  
 UVSP  
 Radio Frequency(MHz)/Flux(sfu):

SMM Pointing: N33W64  
 Peak...c/s=274  
 Wavelength=1375A  
 245/18000

Pitch=-285", Yaw=-876", Roll=-20deg  
 MaxkeV=231  
 Rast=30"x30" Step=10"  
 dt= 7.7s  
 XEN=907621  
 Cad=3840s  
 Step=0"  
 Pitch=-262", Yaw=-903"  
 H. Ang=73deg

Event # = 22611  
 89/03/17, 21:14 DOY=76  
 Start Peak  
 GOES 21:10 21:14 21:14  
 BCS  
 FCS  
 UVSP 21:03  
 Radio Sweeps  
 Radio Frequency(MHz)/Flux(sfu):

SMM Pointing: N33W64  
 CaPeak.c/s=37  
 Wavelength=1375A

Pitch=-285", Yaw=-876", Roll=-20deg  
 Mac.=FKC  
 Carr. Lon.=248deg  
 MaxkeV=102  
 Rast=30"x30" Step=10"  
 dt= 7.7s  
 XEN=907621  
 Cad=3840s  
 Step=0"  
 Pitch=-262", Yaw=-903"  
 H. Ang=73deg

Event # = 10955  
 89/03/17, 22:29 DOY=76  
 Start Peak  
 Optical  
 GOES 22:29:03 22:29:06 22:29:12  
 HXRBS 22:15  
 UVSP 22:15  
 Radio Sweeps  
 Radio Frequency(MHz)/Flux(sfu):

SMM Pointing: N33W64  
 Ha...Class=SF  
 Peak...c/s=47  
 WaveLength=1375A

Pitch=-285", Yaw=-876", Roll=-20deg  
 Mac.=FKC  
 Carr. Lon.=248deg  
 MaxkeV=102  
 Rast=30"x30" Step=10"  
 dt= 7.7s  
 XEN=907621  
 Cad=3840s  
 Step=0"  
 Pitch=-262", Yaw=-903"  
 H. Ang=73deg

Event # = 10956									
89/03/17, 22:30	DOY=76	Peak	SMM Pointing:		N33W64	Pitch=-285", Yaw=-876", Roll=-20deg		H. Ang=73deg	
Optical			Ha...Class=SF		N34W60	Mac.=FKC		Carr. Lon.=248deg	
GOES			Peak...c/s=56		Qual=00	MaxkeV=102		H. Ang=70deg	
HXRBS	22:30:07	22:30:15	22:30:24	WaveLength=1375A	Qual=01	Rast=30"x30"		Step=10" Pitch=-160", Yaw=-946"	
UVSP	22:15					Tot Cts=133			
						Exp #=86110			
Event # = 10957									
89/03/17, 22:41	DOY=76	Peak	SMM Pointing:		N33W64	Pitch=-285", Yaw=-876", Roll=-20deg		H. Ang=73deg	
Optical			Ha...Class=SF		N34W60	Mac.=FKC		Carr. Lon.=247deg	
GOES			Peak...c/s=73		Qual=00	MaxkeV=102		H. Ang=70deg	
HXRBS	22:33:53	22:34:00	22:34:14	CaPeak.c/s=63	Qual=01	FePeak.c/s=12		#Peaks=1 dt= 3.8s XEN=907622	
BGS	22:31	22:41	22:54	WaveLength=1375A	Qual= 1	Rast=240"x240"		Cad= 262s 1.024s/pixel	
FCS							Step=10" Pitch=-159", Yaw=-947"		
UVSP	22:37					Exp #=86112			
Event # = 10958									
89/03/17, 23:16	DOY=76	Peak	SMM Pointing:		N33W66	Pitch=-276", Yaw=-886", Roll=-20deg		H. Ang=74deg	
GOES	23:08	23:16	00:09	Importance=M2	Qual=05	MaxkeV=102		H. Ang=70deg	
HXRBS	00:03:03	00:03:45	00:04:25	Peak...c/s=52	Qual=01	FePeak.c/s=8		#Peaks=1 dt= 3.8s XEN=907623	
BGS	23:43	23:44	00:09	CaPeak.c/s=101	Qual= 5	Rast=240"x240"		Cad= 262s 1.024s/pixel	
FCS							Step=10" Pitch=-158", Yaw=-948"		
UVSP	22:58					Exp #=86114			
						Event # = 22612			
BGS	00:18	00:19	00:24	WaveLength=1375A	Code=01	FePeak.c/s=7		#Peaks=1 dt= 7.7s XEN=907700	
FCS					Associated		Rast=240"x240"		Cad= 262s 1.024s/pixel
UVSP	00:16					Qual= 4		Pitch=-286", Yaw=-896"	
Event # = 10959									
89/03/18, 01:44	DOY=77	Peak	SMM Pointing:		N33W66	Pitch=-276", Yaw=-886", Roll=-20deg		H. Ang=74deg	
GOES			Peak...c/s=40		Qual=00	MaxkeV=102		H. Ang=70deg	
HXRBS	01:44:26	01:44:31	01:44:46	WaveLength=1375A	Qual=01	Rast=10"x10"		Step=0" Pitch=-268", Yaw=-904"	
UVSP	01:35					Tot Cts=115			
						Exp #=86128			
Event # = 10960									
89/03/18, 02:11	DOY=77	Peak	SMM Pointing:		N33W66	Pitch=-276", Yaw=-886", Roll=-20deg		H. Ang=74deg	
Optical			Ha...Class=SN		S15E06	Mac.=DAI		Carr. Lon.=180deg	
GOES	02:04	02:11	02:16	Importance=C8	Qual=03	MaxkeV=231		Flags=M5	
HXRBS	02:03:56	02:05:21	02:10:40	Peak...c/s=557	Qual=01	Rast=10"x10"		Step=0" Pitch=-267", Yaw=-905"	
UVSP	02:03					Tot Cts=15709			
Radio Sweeps							Exp #=86132		
Radio							Frequency (MHz)/Flux(sfu): 245/4400 410/120 606/160 1415/41 2695/36 4995/26 8800/66 15400/78		

Event # = 10961  
 89/03/18, 09:35 DOY=77 Pitch=-261", Yaw=-906", Roll=-20deg H. Ang=78deg  
 Start Peak  
 GOES 09:31 09:35 End times  
 HXRBS 09:32:06 09:32:29 09:33:05 Importance=C3 Qual=01  
 BCS 09:33 09:34 09:35 CaPeak.c/s=260 Qual=01  
 FCS 09:33 09:34 09:35 CaPeak.c/s=86 Qual=1  
 UVSP 09:28 Wavelength=1375A Code=00 Exp #=86160  
 Radio Sweeps Type/Intensity:  
 Radio Frequency (MHz)/Flux(sfu): 245/460 606/51 1415/42 2695/46 4995/39 8800/86 15400/94  
 SMM Pointing: N33W70  
 MaxkeV=231  
 FePeak.c/s=18 #Peaks=1 dt= 3.8s XEN=907701  
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 Rast=110"x200" Step=5" Pitch=-174", Yaw=-923"

Event # = 22613  
 89/03/18, 10:47 DOY=77  
 Start Peak  
 GOES 10:45 10:47 11:02 End times  
 BCS 10:45 10:47 11:02 CaPeak.c/s=38 Qual=00  
 FCS 11:26 Wavelength=2788A  
 UVSP 11:26 Exp #=86164  
 FePeak=10:47  
 FePeak.c/s=9 #Peaks=1 dt= 7.7s XEN=907702  
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=-121", Yaw=-727"

Event # = 10962  
 89/03/18, 11:30 DOY=77 Pitch=-261", Yaw=-906", Roll=-20deg H. Ang=78deg  
 Start Peak  
 GOES 11:30:38 11:30:57 11:31:33 End times  
 HXRBS 11:30:38 11:30:57 11:31:33 Peak...c/s=67 Qual=00  
 UVSP 11:26 Wavelength=2788A  
 Exp #=86164  
 Tot Cts=442  
 FePeak=10:47  
 FePeak.c/s=144 #Peaks=1 dt= 7.7s XEN=907702  
 Rast=180"x1" Step=0" Pitch=-121", Yaw=-727"

Event # = 10963  
 89/03/18, 12:49 DOY=77  
 Start Peak  
 Optical  
 GOES 12:41 12:49 13:01 End times  
 HXRBS 12:41:43 12:42:44 12:53:36 Ha...Class=SF N36W85 AR5395  
 GRS 12:42:00 12:44:00 Importance=C9 Qual=03  
 BCS 12:43 12:48 13:04 Peak...c/s=2682 Qual=01  
 FCS 13:00 CaPeak.c/s=547 Qual=1  
 UVSP 13:00 Wavelength=2788A  
 Radio Frequency (MHz)/Flux(sfu): 8800/560 15400/990  
 Exp #=86166  
 FePeak=12:48  
 FePeak.c/s=150 #Peaks=1 dt= 3.8s XEN=907703  
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=-119", Yaw=-729"

Event # = 10964  
 89/03/18, 13:58 DOY=77 Pitch=-252", Yaw=-917", Roll=-20deg H. Ang=80deg  
 Start Peak  
 GOES 13:58:29 13:58:38 13:58:48 End times  
 HXRBS 13:58:29 13:58:38 13:58:48 SMM Pointing: N33W73  
 UVSP 13:33 Peak...c/s=75 Qual=00  
 Wavelength=2788A  
 Exp #=86167  
 Tot Cts=211  
 FePeak=14:30  
 FePeak.c/s=90 #Peaks=1 dt= 3.8s XEN=907704  
 Rast=180"x1" Step=0" Pitch=-118", Yaw=-730"

Event # = 22614  
 89/03/18, 14:30 DOY=77  
 Start Peak  
 GOES 14:27 14:30 14:37 End times  
 BCS 14:27 14:30 14:37 CaPeak.c/s=90 Qual=01  
 FCS 14:33 Wavelength=2788A  
 UVSP 14:33 Exp #=86168  
 FePeak=14:30  
 FePeak.c/s=24 #Peaks=1 dt= 3.8s XEN=907704  
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=-116", Yaw=-732"

Event # = 22615									
89/03/18, 15:21	DOY=77	Peak	End times						
GOES	15:16	15:21	15:32	CaPeak.c/s=31	Qual=00	FePeak=15:22	Exp #=86169	FePeak.c/s=10	#Peaks=1
BCS				Wavelength=2788A	Qual=4			Rast=240"x240"	Step=15"
FCS								Rast=180"x1"	Step=0"
UVSP	15:07								dt= 7.7s
									Cad= 262s
									Pitch=-115", Yaw=-733"
Event # = 22616									
89/03/18, 15:43	DOY=77	Peak	End times						
GOES	15:43	15:43	16:12	CaPeak.c/s=24	Qual=00	FePeak=15:43	Exp #=86170	FePeak.c/s=8	#Peaks=1
BCS				Wavelength=2788A	Qual=4			Rast=240"x240"	Step=15"
FCS								Rast=180"x1"	Step=0"
UVSP	16:07								dt= 7.7s
									Cad= 262s
									Pitch=-114", Yaw=-734"
Event # = 10965									
89/03/18, 16:05	DOY=77	Peak	End times	SMM Pointing:	N33W73			Pitch=-252", Yaw=-917", Roll=-20deg	H.Ang=80deg
GOES	15:50	16:05	16:30	Importance=C9	Qual=05			MaxkeV=102	
HXRBS	16:54:25	16:55:00	16:55:37	Peak...c/s=56	Qual=01	Tot Cts=420		Rast=180"x1"	Step=0"
UVSP	16:07			Wavelength=2788A	Code=02	Exp #=86170			
Event # = 22617									
89/03/18, 17:16	DOY=77	Peak	End times						
Optical				Ha...Class=SF	S14W02	AR5403		Mac.=DAI	Carr.Lon.=179deg
GOES	17:14	17:16	17:18	CaPeak.c/s=30	Qual=00	FePeak=17:15		FePeak.c/s=8	#Peaks=1
BCS				Wavelength=2788A	Qual=3			Rast=115"x115"	Step=5"
FCS								Rast=243"x243"	Step=3"
UVSP	16:57					Exp #=86172			dt= 7.7s
									Cad=1083s
									Pitch=-240", Yaw=-908"
Event # = 10966									
89/03/18, 17:58	DOY=77	Peak	End times	SMM Pointing:	N33W73			Pitch=-252", Yaw=-917", Roll=-20deg	H.Ang=80deg
Optical				Ha...Class=SF	N37W74	AR5395		Mac.=FKC	Carr.Lon.=251deg
GOES	17:31	17:58	20:29	Importance=M4	Qual=05			MaxkeV=102	Flags=SN
HXRBS	18:19:50	18:21:48	18:39:46	Peak...c/s=44	Qual=02	Tot Cts=5846		FePeak.c/s=8	#Peaks=1
BCS	18:22	18:23	18:33	CaPeak.c/s=57	Qual=4	FePeak=18:22		Rast=240"x240"	Step=15"
FCS								Rast=265"x265"	Step=5"
UVSP	18:24			Wavelength=1375A	Exp #=86173				dt= 3.8s
				Frequency (MHz)/Flux(sfu):	15400/380				Cad= 262s
				Associated	Event # = 22618				Pitch=-238", Yaw=-910"
BCS	19:55	20:00	20:31	CaPeak.c/s=67	Qual=4	FePeak=20:07		FePeak.c/s=8	#Peaks=1
FCS				Wavelength=1375A				Rast=240"x240"	Step=15"
UVSP	19:58				Exp #=86180			Rast=265"x265"	Step=5"

Event # = 10967  
89/03/18, 22:05 DOY=77  
Start Peak  
GOES 21:54 22:05  
HXRB 21:52:46 21:56:39  
GRS 21:56:00 22:04  
FCS 21:48  
UVSP 21:58  
Radio Sweeps Type/Intensity:  
Radio Frequency (MHz)/Flux (sfu): 4995/350 8800/780 15400/420  
SMM Pointing: N33W77  
Importance=C3 Qual=03  
Peak...c/s=2017 Qual=03  
Tot Cts=1.52E+5  
CaPeak.c/s=1638 Qual=3 FePeak=22:01  
Wavelength=1375A Code=00 Exp #=86191  
III/2  
4995/350 8800/780 15400/420  
Pitch=-241", Yaw=-927", Roll=-20deg H.Ang=83deg  
Flags=ES  
Dur=180sec  
XEN=907710  
dt= 7.7s  
Cad= 262s  
1.024s/pixel  
Step=15"  
Rast=240"x240"  
Step=5"  
Rast=30"x30"  
Pitch=-271", Yaw=-926"

Event # = 11289  
89/03/18, 23:03 DOY=77  
Start Peak  
GOES 22:59:17 23:00:58 23:02:54  
HXRB 23:02 23:03 23:11  
FCS 23:05  
UVSP 23:05  
SMM Pointing: N33W77  
Qual=00  
Qual=01  
Qual=5  
Tot Cts=1139  
FePeak=23:03  
Exp #=86194  
MaxkeV=102 #Peaks=1 dt= 3.8s XEN=907711  
FePeak.c/s=10 Step=15" Cad= 262s 1.024s/pixel  
Rast=240"x240" Step=5" Pitch=-784", Yaw=+554"  
Wavelength=1375A  
Pitch=-791", Yaw=+540", Roll=90deg H.Ang=83deg

Event # = 10968  
89/03/19, 00:32 DOY=78  
Start Peak  
Optical Code=SPY  
GOES 00:32:45 00:32:53 00:34:06  
HXRB 00:37  
UVSP 00:48:27 00:48:49 00:49:01  
UVSP 00:41  
SMM Pointing: N33W77  
Codes=SPY  
Peak...c/s=58  
Wavelength=1375A  
Associated Event # = 10969  
Qual=01  
Tot Cts=168  
Exp #=86202  
MaxkeV=102  
Rast=110"x200" Step=5" Pitch=-242", Yaw=-945"  
Pitch=-791", Yaw=+540", Roll=90deg H.Ang=83deg  
Mac.=FKC Carr.Lon.=263deg H.Ang=94deg  
Flags=SN  
Step=5" Pitch=-229", Yaw=-917"  
Tot Cts=426  
Exp #=86201  
Event # = 10969  
Tot Cts=168  
Exp #=86202  
MaxkeV=102  
Rast=110"x200" Step=5" Pitch=-242", Yaw=-945"

Event # = 22620  
89/03/19, 02:13 DOY=78  
Start Peak  
GOES 02:08 02:13  
FCS 02:11  
UVSP 02:11  
SMM Pointing: N33W77  
CaPeak.c/s=25  
Wavelength=1375A  
Qual=00  
Qual=4  
FePeak=02:12  
Exp #=86207  
FePeak.c/s=6 #Peaks=1 dt= 7.7s XEN=907800  
Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
Step=5" Pitch=-206", Yaw=-925"

Event # = 22621  
89/03/19, 02:39 DOY=78  
Start Peak  
GOES 02:30 02:39  
BCS 02:30 02:57  
FCS 02:56  
UVSP 02:33  
SMM Pointing: N33W77  
CaPeak.c/s=67  
Wavelength=1375A  
Qual=00  
Qual=1  
FePeak=02:39  
Exp #=86210  
FePeak.c/s=12 #Peaks=1 dt= 3.8s XEN=907801  
Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
Step=5" Pitch=-259", Yaw=-953"



Event # = 22624  
89/03/19,10:03 DOY=78  
Start Peak  
Optical H...Class=1F S13409 AR5403 H.Ang=11deg  
Importance=C9 Qual=04  
GOES 09:43 10:03 10:10 10:10 FePeak=10:01 dt= 3.8s XEN=907807  
BCS 09:55 10:01 10:32 10:32 CaPeak.c/s=305 Qual= 1 FePeak=15" Cad= 262s 1.024s/pixel  
FCS UVSP 10:01 10:01 10:32 10:32 Wavelength=1375A Code=00 Exp #=86238 Step=5" Pitch=-244", Yaw=-953"

Event # = 10973  
89/03/19,10:50 DOY=78  
Start Peak  
Optical SMM Pointing: AR5395  
H...Class=SF N31490 Carr.Lon.=258deg H.Ang=94deg  
Importance=C5 Qual=01  
GOES 10:47 10:50 10:53 10:53 MaxkeV=102 dt= 7.7s XEN=907808  
HXRBS 10:47:20 10:47:38 10:47:51 10:47:51 Tot Cts=520 FePeak.c/s=28 Cad= 262s 1.024s/pixel  
BCS 10:48 10:48 10:49 10:49 CaPeak.c/s=67 Qual= 1 FePeak=15" Step=15" Pitch=-79", Yaw=-753"  
FCS UVSP 10:45 10:45 10:49 10:49 Wavelength=2788A Code=00 Exp #=86242 Step=0" Pitch=0"

Event # = 22625  
89/03/19,12:01 DOY=78  
Start Peak  
GOES 11:24 12:01 12:27 12:27 Importance=C7 Qual=01 dt= 3.8s XEN=907809  
BCS 11:28 11:28 11:31 11:31 CaPeak.c/s=70 Qual= 5 FePeak=11:28 Step=15" Cad= 262s 1.024s/pixel  
FCS UVSP 11:19 11:19 11:31 11:31 Wavelength=2788A Exp #=86243 Step=0" Pitch=-79", Yaw=-753"

Event # = 10979  
89/03/19,13:21 DOY=78  
Start Peak  
GOES 13:15 13:21 13:26 13:26 SMM Pointing: AR5395  
HXRBS 13:15:56 13:16:44 13:21:30 13:21:30 Importance=M1 Qual=01 MaxkeV=231 dt= 3.8s XEN=907810  
UVSP 13:52 13:52 13:52 13:52 Peak...c/s=118 Qual=01 Rast=240"x240" Cad= 262s 1.024s/pixel  
Wavelength=2788A Exp #=86246 Step=0" Pitch=-79", Yaw=-753"

Event # = 22626  
89/03/19,15:13 DOY=78  
Start Peak  
GOES 14:59 15:13 15:41 15:41 Importance=C7 Qual=02 dt= 3.8s XEN=907810  
BCS 14:54 15:00 15:30 15:30 CaPeak.c/s=110 Qual= 2 FePeak=15:00 Step=15" Cad= 262s 1.024s/pixel  
FCS UVSP 15:26 15:26 15:30 15:30 Wavelength=2788A Exp #=86248 Step=0" Pitch=-79", Yaw=-753"

Event # = 10980  
89/03/19,16:26 DOY=78  
Start Peak  
GOES 16:25:57 16:26:00 16:26:07 16:26:07 Peak...c/s=55 Qual=00 dt= 3.8s XEN=907810  
HXRBS 16:00 16:00 16:00 16:00 Wavelength=2788A Qual=01 Tot Cts=113 Step=15" Cad= 262s 1.024s/pixel  
UVSP 16:00 16:00 16:00 16:00 Exp #=86249 Step=0" Pitch=-79", Yaw=-753"

Event # = 10981		89/03/19,17:58		DOY=78		Peak		End times		Mac.=CAO		Carr. Lon.=205deg		H. Ang=48deg	
Optical	GOES	17:51	17:58	18:19							MaxkeV=144	Flags=DG			
	HXRBS	17:42:16	17:53:30	17:57:52							FePeak.c/s=7	#Peaks=1			
	BCS	18:07	18:07	18:11							Rast=115"x115"	dt= 7.7s			XEN=907811
	FCS										Rast=243"x243"	Step=5"			Cad=1083s
	UVSP	17:48										Step=3"			Pitch=-206" , Yaw=-925"
Event # = 10983		89/03/19,19:39		DOY=78		Peak		End times		MaxkeV=102		Carr. Lon.=73deg		H. Ang=87deg	
Optical	GOES										Rast=243"x243"				
	HXRBS	19:36:11	19:39:04	19:45:01											
	UVSP	19:19													
Event # = 10982		89/03/19,19:43		DOY=78		Peak		End times		MaxkeV=187		Carr. Lon.=73deg		H. Ang=87deg	
Optical	GOES										FePeak.c/s=268				
	HXRBS	19:14:32	19:17:23	19:28:54							Rast=240"x240"	#Peaks=2			dt= 7.7s
	BCS	19:16	19:43	19:48							Rast=243"x243"	Step=15"			Cad= 262s
	FCS											Step=3"			Pitch=-206" , Yaw=-925"
	UVSP	19:19													
	Radio														
Event # = 10985		89/03/19,21:19		DOY=78		Peak		End times		MaxkeV=231		Carr. Lon.=73deg		H. Ang=87deg	
Optical	GOES	21:04	21:19	21:54							FePeak.c/s=268				
	HXRBS	21:12:38	21:15:22	21:20:25							Rast=110"x200"	#Peaks=2			dt= 7.7s
	UVSP	21:13									Rast=110"x200"	Step=5"			Cad= 262s
	HXRBS	21:04:25	21:04:57	21:07:06							MaxkeV=144	Flags=M5			
	UVSP	20:54									Rast=110"x200"	Step=5"			Pitch=-239" , Yaw=-953"
Event # = 22627		89/03/19,22:50		DOY=78		Peak		End times		FePeak.c/s=7		Carr. Lon.=73deg		H. Ang=87deg	
Optical	GOES	22:46	22:50	23:07							Rast=240"x240"	#Peaks=1			dt= 7.7s
	BCS	22:46	22:50	23:07							Rast=110"x200"	Step=15"			Cad= 262s
	FCS											Step=5"			Pitch=-229" , Yaw=-953"
	UVSP	22:46													
Event # = 22628		89/03/19,23:42		DOY=78		Peak		End times		FePeak.c/s=13		Carr. Lon.=73deg		H. Ang=87deg	
Optical	GOES	23:29	23:42	00:05							Rast=240"x240"	#Peaks=1			dt= 3.8s
	BCS	23:53	23:53	00:26							Rast=265"x265"	Step=15"			Cad= 262s
	FCS											Step=5"			Pitch=-206" , Yaw=-925"
	UVSP	23:56													



89/03/20 DOY=79

Event # = 22629  
 89/03/20,09:31 DOY=79  
 Start Peak  
 GOES 09:30 09:31 09:34 End times  
 BCS 09:30 09:31 09:34 End times  
 FCS 09:30 09:31 09:34 End times  
 UVSP 09:03 09:31 09:34 End times  
 Qual=00  
 Qual=4  
 FePeak=09:31  
 Exp #=86304  
 FePeak.c/s=7  
 Rast=240"x240"  
 Rast=180"x1"  
 dt= 7.7s XEN=907900  
 Cad= 262s 1.024s/pixel  
 Pitch=-79", Yaw=-753"

Event # = 10986  
 89/03/20,09:43 DOY=79  
 Start Peak  
 GOES 09:43:15 09:43:48 09:44:33 End times  
 HXRBS 09:43:15 09:43:48 09:44:33 End times  
 UVSP 10:03 09:43:15 09:44:33 End times  
 Qual=00  
 Qual=01  
 Tot Cts=193  
 Exp #=86305  
 MaxkeV=102  
 Rast=180"x1"  
 Step=0" Pitch=-79", Yaw=-753"

Event # = 22630  
 89/03/20,10:46 DOY=79  
 Start Peak  
 Optical  
 GOES 10:46 10:46 11:41 End times  
 BCS 10:46 10:46 11:41 End times  
 FCS 10:50 10:46 11:41 End times  
 UVSP 10:37 10:46 11:41 End times  
 Ha...Class=SF  
 N17W51  
 Qual=00  
 Qual=5  
 FePeak=10:47  
 Exp #=86306  
 Mac.=CAO  
 Carr.Lon.=205deg H.Ang=56deg  
 dt= 3.8s XEN=907901  
 Cad= 262s 1.024s/pixel  
 Pitch=-79", Yaw=-753"

Event # = 10987  
 89/03/20,11:35 DOY=79  
 Start Peak  
 Optical  
 GOES 11:34:03 11:35:02 11:40:23 End times  
 HXRBS 11:34:03 11:35:02 11:40:23 End times  
 UVSP 11:37 11:34:03 11:35:02 End times  
 Ha...Class=SF  
 N17W51  
 Qual=00  
 Qual=01  
 Tot Cts=3800  
 Exp #=86307  
 MaxkeV=102  
 Rast=180"x1"  
 Step=0" Pitch=-79", Yaw=-753"

Event # = 22631  
 89/03/20,12:23 DOY=79  
 Start Peak  
 GOES 12:19 12:23 12:34 End times  
 BCS 12:19 12:23 12:34 End times  
 FCS 12:09 12:23 12:34 End times  
 UVSP 12:09 12:23 12:34 End times  
 Radio Sweeps  
 Type/Intensity: III/2  
 Wavelength=2788A  
 FePeak=12:22  
 Exp #=86308  
 FePeak.c/s=19  
 Rast=240"x240"  
 Rast=180"x1"  
 dt= 7.7s XEN=907902  
 Cad= 262s 1.024s/pixel  
 Pitch=-79", Yaw=-753"

Event # = 10988  
 89/03/20,12:30 DOY=79  
 Start Peak  
 Optical  
 GOES 12:30:23 12:30:57 12:32:38 End times  
 HXRBS 12:30:23 12:30:57 12:32:38 End times  
 UVSP 12:09 12:30:23 12:30:57 End times  
 Ha...Class=SF  
 N17E12  
 Qual=01  
 Qual=01  
 Tot Cts=507  
 Exp #=86308  
 MaxkeV=102  
 Rast=180"x1"  
 Step=0" Pitch=-79", Yaw=-753"

Event # = 22632		89/03/20,13:01		DOY=79		Peak		End times		Optical		Ha...Class=SF		S13W24		AR5403		Mac.=DAO		Carr. Lon.=177deg		H. Ang=24deg			
GOES		12:50		13:01		13:14		13:14		Qual=01		CaPeak.c/s=49		Qual= 3		FePeak=12:56		FePeak.c/s=16		#Peaks=1		dt= 3.8s			
BCS		12:50		13:01		13:14		13:14		Qual=01		CaPeak.c/s=49		Qual= 3		FePeak=12:56		Rast=240"x240"		Step=15"		Cad= 262s			
FCS		12:50		13:01		13:14		13:14		Qual=01		CaPeak.c/s=49		Qual= 3		FePeak=12:56		Rast=180"x1"		Step=0"		Pitch=-79"			
UVSP		13:09		13:09		13:09		13:09		Wavelength=2788A		Wavelength=2788A		Exp #=86309		Exp #=86309						Yaw=-753"			
Event # = 22633		89/03/20,14:44		DOY=79		Peak		End times		Optical		Ha...Class=SF		S26E81		AR5417		Mac.=BXO		Carr. Lon.=71deg		H. Ang=79deg			
GOES		13:52		14:44		14:47		14:47		Qual=05		CaPeak.c/s=313		Qual= 5		FePeak=14:44		FePeak.c/s=21		#Peaks=2		dt= 7.7s			
BCS		13:52		14:44		14:47		14:47		Qual=05		CaPeak.c/s=313		Qual= 5		FePeak=14:44		Rast=240"x240"		Step=15"		Cad= 262s			
FCS		13:52		14:44		14:47		14:47		Qual=05		CaPeak.c/s=313		Qual= 5		FePeak=14:44		Rast=180"x1"		Step=0"		Pitch=-111"			
UVSP		14:43		14:43		14:43		14:43		Wavelength=2788A		Wavelength=2788A		Exp #=86311		Exp #=86311						Yaw=-744"			
Radio Sweeps		Type/Intensity:		III/2		Type/Intensity:		III/2																	
Event # = 10989		89/03/20,16:01		DOY=79		Peak		End times		SMM Pointing:		N34W80						Pitch=-246"		Yaw=-930"		Roll=-20deg		H. Ang=85deg	
Optical		GOES		15:40		16:01		16:39		Ha...Class=SF		S27E87		AR5417				Mac.=BXO		Carr. Lon.=65deg		H. Ang=84deg			
HXRBS		15:41:52		15:47:48		15:50:54		15:50:54		Importance=M2		Qual=02		Tot Cts=28400		FePeak=15:50		MaxkeV=144		#Peaks=2		dt= 7.7s			
BCS		15:25		15:50		15:50		15:50		Peak...c/s=199		Qual=03		FePeak=15:50		FePeak.c/s=240		Rast=240"x240"		Step=15"		Cad= 262s			
FCS		15:25		15:50		15:50		15:50		CaPeak.c/s=710		Qual= 2		Exp #=86313		Exp #=86313		Rast=180"x1"		Step=0"		Pitch=-111"			
UVSP		16:16		16:16		16:16		16:16		Wavelength=2788A		Associated		Event # = 22634		Event # = 22634						Yaw=-744"			
BCS		16:58		16:58		17:08		17:08		CaPeak.c/s=25		Qual= 5		FePeak=17:00		FePeak=17:00		FePeak.c/s=9		#Peaks=1		dt= 7.7s			
FCS		16:58		16:58		17:08		17:08		Wavelength=2788A		Qual= 5		FePeak=17:00		FePeak=17:00		Rast=240"x240"		Step=10"		Cad= 590s			
UVSP		16:50		16:50		16:50		16:50		Wavelength=2788A		Qual= 5		Exp #=86314		Exp #=86314		Rast=180"x1"		Step=0"		Pitch=-111"			
Event # = 10990		89/03/20,19:02		DOY=79		Peak		End times		SMM Pointing:		N34W80						Pitch=-246"		Yaw=-930"		Roll=-20deg		H. Ang=85deg	
Optical		GOES		18:55:00		18:56:39		18:57:22		Qual=00		Qual=01		Tot Cts=1133		FePeak=19:01		MackeV=102		#Peaks=1		dt= 3.8s			
HXRBS		18:55:00		18:56:39		18:57:22		18:57:22		Peak...c/s=57		Qual=01		FePeak=19:01		FePeak.c/s=24		Rast=240"x240"		Step=15"		Cad= 262s			
BCS		18:55		19:02		19:03		19:03		CaPeak.c/s=125		Qual= 2		Exp #=86320		Exp #=86320		Rast=30"x30"		Step=5"		Pitch=-181"			
FCS		18:55		19:02		19:03		19:03		Wavelength=1375A		Code=01		Exp #=86320		Exp #=86320						Yaw=-833"			
UVSP		19:00		19:00		19:00		19:00		Wavelength=1375A		Code=01		Exp #=86320		Exp #=86320									
Event # = 10991		89/03/20,21:12		DOY=79		Peak		End times		SMM Pointing:		N34W80						Pitch=-246"		Yaw=-930"		Roll=-20deg		H. Ang=85deg	
Optical		GOES		20:42		21:12		00:50		Ha...Class=2N		S25E76		AR5417				Mac.=BXO		Carr. Lon.=73deg		H. Ang=74deg			
HXRBS		20:35:19		20:41:23		20:41:28		20:41:28		Importance=M3		Qual=02		Tot Cts=3142		Exp #=86329		MaxkeV=102		#Peaks=ES		Flags=ES			
BCS		20:35:19		20:41:23		20:41:28		20:41:28		Peak...c/s=62		Qual=03		Exp #=86329		Exp #=86329		Rast=30"x30"		Step=5"		Pitch=-181"		Yaw=-843"	
FCS		20:56		20:56		20:56		20:56		Wavelength=1375A		Code=01		Exp #=86329		Exp #=86329									
UVSP		20:56		20:56		20:56		20:56		Wavelength=1375A		Code=01		Exp #=86329		Exp #=86329									
Radio Sweeps		Type/Intensity:		II/2		Type/Intensity:		II/2																	
Radio		Frequency(MHz)/Flux(sfu):		1415/97		2695/53		2695/53																	

Event # = 22635		DOY=79			
89/03/20, 23:59	Start	End times			
GOES	23:42	00:00	CaPeak.c/s=153	Qual=00	FePeak=23:59
BCS	23:42	00:00	Wave length=1375A	Qual=2	Exp #=86341
FCS	23:41				
UVSP	23:41				
Event # = 10992		DOY=80		89/03/21	
89/03/21, 01:10	Start	End times	SMM Pointing:		AR5395
GOES	00:51	01:48	Importance=M1	Qual=01	
HXRBS	00:56:02	00:56:29	Peak...c/s=59	Qual=01	Tot Cts=507
BCS	00:45	01:11	CaPeak.c/s=636	Qual=1	FePeak=01:01
FCS	00:50		Wave length=1375A	Code=00	Exp #=86346
UVSP	00:50				
Event # = 10993		DOY=80		AR5395	
89/03/21, 01:34	Start	End times	SMM Pointing:		
GOES	01:34:10	01:34:54	Peak...c/s=172	Qual=00	Tot Cts=1288
HXRBS	01:34:10	01:34:54	Wave length=1375A	Qual=01	Exp #=86348
UVSP	01:13				
Event # = 10994		DOY=80		AR5395	
89/03/21, 02:14	Start	End times	SMM Pointing:		
GOES	02:02	02:14	Importance=M3	Qual=05	Flags=SA
HXRBS	02:16:00	02:32:04	Peak...c/s=85	Qual=02	#Peaks=1
BCS	02:18	02:19	CaPeak.c/s=1703	Qual=5	Step=15
FCS	02:10		Wave length=2788A	Code=00	Step=0
UVSP	02:10				
Event # = 10995		DOY=80		AR5395	
89/03/21, 03:53	Start	End times	SMM Pointing:		
GOES	03:51:44	03:52:22	Peak...c/s=47	Qual=00	#Peaks=1
HXRBS	03:51:44	03:52:22	CaPeak.c/s=19	Qual=01	Step=15
BCS	03:51	03:53	Wave length=2788A	Qual=5	Step=0
FCS	03:42				
UVSP	03:42				
Event # = 10996		DOY=80		AR5395	
89/03/21, 03:56	Start	End times	SMM Pointing:		
GOES	03:56:12	03:56:25	Peak...c/s=42	Qual=00	
HXRBS	03:56:12	03:56:25	Wave length=2788A	Qual=01	Tot Cts=129
UVSP	03:42				Exp #=86353

Event # = 10997									
89/03/21 04:05	DOY=80	Start	Peak	End times	SMM Pointing:				AR5395
Optical					Ha...Class=SF				AR5409
GOES					Peak...c/s=83	N16E04			Mac.=DKI
HXRBS	04:04:06	04:05:09	04:06:31		Wavelength=2788A	Qual=00			H.Ang=23deg
UVSP	03:42				III/3 V/2	Qual=01			
Radio Sweeps	Type/Intensity:								Step=0" Pitch=-111" ,Yaw=-744"
Event # = 10998									
89/03/21 05:41	DOY=80	Start	Peak	End times	SMM Pointing:				AR5395
Optical					Ha...Class=SF				AR5409
GOES					Peak...c/s=183	N16E03			Mac.=DKI
HXRBS	05:40:41	05:41:07	05:41:31		Wavelength=2788A	Qual=01			H.Ang=23deg
UVSP	05:16				III/3 V/2	Qual=01			
Radio Sweeps	Type/Intensity:								Step=0" Pitch=-111" ,Yaw=-744"
	Frequency(MHz)/Flux(sfu):				245/74 410/16 606/26 1415/19 2695/33 4995/140 8800/130 15400/40				
Event # = 10999									
89/03/21 09:12	DOY=80	Start	Peak	End times	SMM Pointing:				AR5395
Optical					Ha...Class=SF				AR5409
GOES	09:05	09:12	09:22		Importance=C9	N17E01			Mac.=DKI
HXRBS	09:06:01	09:07:42	09:11:13		Peak...c/s=87	Qual=04			H.Ang=24deg
UVSP	09:22				Wavelength=2788A	Qual=01			
Radio Sweeps	Type/Intensity:								Step=0" Pitch=-111" ,Yaw=-744"
	Frequency(MHz)/Flux(sfu):								
Event # = 11000									
89/03/21 10:10	DOY=80	Start	Peak	End times	SMM Pointing:				AR5395
Optical					Ha...Class=SF				AR5409
GOES					Peak...c/s=94	Qual=00			Mac.=DKI
HXRBS	10:10:18	10:10:37	10:10:55		Wavelength=2788A	Qual=01			H.Ang=24deg
UVSP	09:55				8800/84 15400/47				
Radio Sweeps	Type/Intensity:								Step=0" Pitch=-111" ,Yaw=-744"
	Frequency(MHz)/Flux(sfu):								
Event # = 11001									
89/03/21 10:27	DOY=80	Start	Peak	End times	SMM Pointing:				AR5395
Optical					Ha...Class=SF				AR5411
GOES					Peak...c/s=50	N11W00			Mac.=CAO
HXRBS	10:26:32	10:27:19	10:27:46		Wavelength=2788A	Qual=00			H.Ang=18deg
UVSP	10:56					Qual=01			
Radio Sweeps	Type/Intensity:								Step=0" Pitch=-111" ,Yaw=-744"
	Frequency(MHz)/Flux(sfu):								
Event # = 11002									
89/03/21 10:58	DOY=80	Start	Peak	End times	SMM Pointing:				AR5395
Optical					Ha...Class=SF				AR5409
GOES	10:54	10:58	11:00		Importance=C5	N16E03			Mac.=DKI
HXRBS	10:55:33	10:55:59	10:56:43		Peak...c/s=99	Qual=03			H.Ang=23deg
UVSP	10:56				Wavelength=2788A	Qual=01			
Radio Sweeps	Type/Intensity:								Step=0" Pitch=-111" ,Yaw=-744"
	Frequency(MHz)/Flux(sfu):								

Event # = 12315														
89/03/21,15:03	Start	DOY=80	End times	SMM Pointing:	S27E69				Pitch=+98", Yaw=+888", Roll=-20deg	H.Ang=68deg				
Optical		Peak		Ha...Class=IN	N20W03				Mac.=DKI					
GOES	14:58	15:03	15:09	Importance=C9	Qual=03				Carr.Lon.=142deg					
HXRBS	14:59:03	15:01:27	15:02:51	Peak...c/s=181	Code=01									
UVSP	14:35			WaveLength=2788A					MaxkeV=144					
Radio				4995/110 8800/140					Rast=180"x1"					Pitch=+232", Yaw=+1073"
				Frequency(MHz)/Flux(sfu):					Flags=I					
									Step=0"					
Event # = 11003														
89/03/21,19:29	Start	DOY=80	End times	SMM Pointing:	N16W03				Pitch=-334", Yaw=-177", Roll=-20deg	H.Ang=23deg				
Optical		Peak		Ha...Class=SF	N19W67				Mac.=CR0					
GOES				Peak...c/s=109	Qual=00				Carr.Lon.=203deg					
HXRBS	19:28:50	19:29:20	19:29:55	WaveLength=1375A					MaxkeV=144					
UVSP	19:30				Qual=01				Rast=150"x150"					Pitch=-380", Yaw=-178"
									Step=10"					
Event # = 22636														
89/03/21,21:00	Start	DOY=80	End times											
GOES	20:57	21:00	21:10	CaPeak.c/s=23	Qual=00				FePeak.c/s=6					
BGS				WaveLength=1375A	Qual=5				Rast=240"x240"					dt= 7.7s XEN=908004
FCS									Rast=265"x265"					Step=15" Cad= 262s 1.024s/pixel
UVSP	21:00								Step=5"					Pitch=-322", Yaw=-178"
									FePeak=20:58					
									Exp #=86379					
Event # = 22637														
89/03/22,03:11	Start	DOY=81	End times											
Optical		Peak		Ha...Class=SF	N13W05				Mac.=DKI					
GOES	03:10	03:11	03:15	CaPeak.c/s=20	Qual=00				Carr.Lon.=137deg					
BGS				WaveLength=2788A	Qual=5				FePeak.c/s=6					dt= 7.7s XEN=908100
FCS									Rast=240"x240"					Step=15" Cad= 262s 1.024s/pixel
UVSP	03:01								Step=0"					Pitch=-176", Yaw=-56"
									Exp #=86401					
Event # = 11004														
89/03/22,05:15	Start	DOY=81	End times	SMM Pointing:	N16W08				Pitch=-305", Yaw=-255", Roll=-20deg	H.Ang=24deg				
Optical		Peak		Ha...Class=SF	N17W08				Mac.=DKI					
GOES	05:11	05:15	05:31	Importance=C6	Qual=01				Carr.Lon.=139deg					
HXRBS	05:12:01	05:13:03	05:15:26	Peak...c/s=295	Qual=01				MaxkeV=187					
BGS	05:11	05:14	05:37	CaPeak.c/s=235	Qual=1				FePeak.c/s=63					dt= 3.8s XEN=908101
FCS				WaveLength=2788A					Rast=240"x240"					Step=15" Cad= 262s 1.024s/pixel
UVSP	05:33								Rast=180"x1"					Step=0"
Radio				2695/24 4995/310	8800/320				Exp #=86404					Pitch=-168", Yaw=-77"
				Frequency(MHz)/Flux(sfu):					15400/150					
Event # = 11005														
89/03/22,07:07	Start	DOY=81	End times	SMM Pointing:	N16W09				Pitch=-300", Yaw=-268", Roll=-20deg	H.Ang=25deg				
GOES	06:51:33	06:51:41	06:52:05	Peak...c/s=44	Qual=06				MaxkeV=102					
HXRBS	06:44	07:07	07:10	CaPeak.c/s=47	Qual=01				FePeak.c/s=14					dt= 3.8s XEN=908102
BGS				WaveLength=2788A	Qual=1				Rast=240"x240"					Step=15" Cad= 262s 1.024s/pixel
FCS									Rast=180"x1"					Step=0"
UVSP	07:07								Exp #=86406					Pitch=-163", Yaw=-90"

Event # = 22638										
89/03/22, 08:22	DOY=81				Start	Peak	End times			
GOES	08:18	08:22	08:27	08:27	CaPeak.c/s=35	Qual=01	FePeak=08:22			
BCS					WaveLength=2788A	Qual=1				
FCS					III/2	Exp #=86408				
UVSP	08:41									
Radio Sweeps					Type/Intensity:					
Event # = 11006										
89/03/22, 08:43	DOY=81				Start	Peak	End times			
GOES	08:40	08:43	09:01	09:01	Importance=C3	Qual=03				
HXRBS	08:41:30	08:42:16	08:42:23	08:42:23	Peak...c/s=65	Qual=01	Tot Cts=731			
BCS	08:42	08:43	08:45	08:45	CaPeak.c/s=64	Qual=1	FePeak=08:43			
FCS										
UVSP	08:41									
Radio					WaveLength=2788A	Code=00	Exp #=86408			
Event # = 11007										
89/03/22, 10:16	DOY=81				Start	Peak	End times			
Optical					SMM Pointing:	N16W11	H.Ang=25deg			
Optical					Ha...Class=1N	N18W06	Carr.Lon.=134deg			
GOES					Ha...Class=SF	N11W00	Carr.Lon.=128deg			
HXRBS	10:11:10	10:11:53	10:12:13	10:12:13	Peak...c/s=56	Qual=01	dt= 7.7s XEN=908105			
BCS	09:23	10:16	10:18	10:18	CaPeak.c/s=331	Qual= 2	Cad= 262s 1.024s/pixel			
FCS							Step=0"			
UVSP	10:13						Pitch=-153" ,Yaw=-115"			
Radio					Frequency(MHz)/Flux(sfu):	410/150				
Event # = 11008										
89/03/22, 11:15	DOY=81				Start	Peak	End times			
Optical					SMM Pointing:	N16W12	H.Ang=26deg			
GOES	11:12	11:15	11:53	11:53	Ha...Class=SN	N17W12	Carr.Lon.=140deg			
HXRBS	11:11:58	11:14:18	11:15:41	11:15:41	Importance=M1	Qual=01	H.Ang=27deg			
BCS	10:56	11:15	11:50	11:50	Peak...c/s=162	Qual=01	Flags=M5			
FCS							#Peaks=2			
UVSP	10:47						dt= 7.7s XEN=908106			
BCS	12:29	12:30	12:40	12:40	WaveLength=2788A	Associated	Cad= 262s 1.024s/pixel			
FCS							Step=0"			
UVSP	12:21						Pitch=-151" ,Yaw=-120"			
BCS	12:29	12:30	12:40	12:40	CaPeak.c/s=22	Qual= 5	dt= 7.7s XEN=908107			
FCS							Cad= 262s 1.024s/pixel			
UVSP	12:21						Step=0"			
BCS	12:29	12:30	12:40	12:40	WaveLength=2788A	Associated	Pitch=-146" ,Yaw=-132"			
FCS										
UVSP	12:21									
Event # = 12320										
89/03/22, 17:22	DOY=81				Start	Peak	End times			
Optical					SMM Pointing:	S07E06	H.Ang=6deg			
GOES	17:08	17:22	17:28	17:28	Ha...Class=SF	N20W18	Carr.Lon.=142deg			
HXRBS	17:09:15	17:10:17	17:10:47	17:10:47	Importance=C4	Qual=03	H.Ang=32deg			
UVSP	17:17						MaxkeV=102			
HXRBS	17:19:39	17:19:51	17:20:28	17:20:28	Peak...c/s=48	Qual=01	Flags=I			
BCS	17:22:50	17:22:52	17:23:35	17:23:35	WaveLength=2788A	Code=00	Step=1" Pitch=+7" ,Yaw=+152"			
FCS							Step=1"			
UVSP	17:22:50						MaxkeV=102			
Radio					Peak...c/s=44	Associated	MaxkeV=102			
BCS	17:22:50	17:22:52	17:23:35	17:23:35	Peak...c/s=44	Qual=01	MaxkeV=102			
FCS										
UVSP	17:22:50									

Event # = 11011	DOY=81	SMM Pointing:	S07E20	Pitch=+0", Yaw=+335", Roll=0deg	H. Ang=20deg
89/03/22, 19:18	Peak	Ha...Class=1F	N17W17	Mac.=DKI	Carr. Lon.=140deg
Optical	End times	Importances=C6	Qual=02	MaxkeV=102	H. Ang=29deg
GOES	19:10	Peak...c/s=54	Qual=01	Rast=180"x255"	Pitch=+7", Yaw=+392"
HXRBS	19:11:58	Wavelength=2788A	Code=00	Tot Cts=114	
UVSP	18:47			Exp #=86419	
Event # = 11012	DOY=81	SMM Pointing:	S04E58	Pitch=+0", Yaw=+815", Roll=0deg	H. Ang=58deg
89/03/22, 22:26	Peak	Peak...c/s=57	Qual=00	MaxkeV=102	
GOES	22:26:01	Wavelength=2788A	Qual=01	Rast=180"x255"	Pitch=+7", Yaw=+872"
HXRBS	22:26:10			Tot Cts=148	
UVSP	21:53			Exp #=86421	
Event # = 11013	DOY=82	SMM Pointing:	N16W22	Pitch=-225", Yaw=-452", Roll=-20deg	H. Ang=32deg
89/03/23, 05:45	Peak	Ha...Class=SF	N13W25	Mac.=EKI	Carr. Lon.=143deg
Optical	End times	Peak...c/s=50	Qual=00	MaxkeV=102	
GOES	05:42:20	CaPeak.c/s=37	Qual=01	FePeak.c/s=8	dt= 7.7s XEN=908201
HXRBS	05:42:30	Wavelength=2788A	Qual= 1	Rast=240"x240"	Cad= 262s 1.024s/pixel
BCS	05:43			Rast=180"x1"	Pitch=-91", Yaw=-266"
FCS	05:25			Exp #=86431	
UVSP	05:40			Event # = 22640	
BCS	05:40			FePeak=05:40	dt= 7.7s XEN=908200
FCS	05:40			Qual= 4	Rast=240"x240"
Event # = 11014	DOY=82	SMM Pointing:	N16W23	Pitch=-220", Yaw=-462", Roll=-20deg	H. Ang=32deg
89/03/23, 07:08	Peak	Peak...c/s=41	Qual=06	MaxkeV=102	
GOES	07:08:16	Wavelength=2788A	Qual=01	Rast=180"x1"	Pitch=-86", Yaw=-278"
HXRBS	07:08:34			Tot Cts=159	
UVSP	07:00			Exp #=86433	
Event # = 22641	DOY=82	SMM Pointing:	N16W23	Pitch=-220", Yaw=-462", Roll=-20deg	H. Ang=32deg
89/03/23, 09:15	Peak	CaPeak.c/s=20	Qual=00	FePeak.c/s=12	dt= 7.7s XEN=908202
GOES	09:14	Wavelength=2788A	Qual= 4	Rast=240"x240"	Cad= 262s 1.024s/pixel
BCS	09:15			Rast=180"x1"	Pitch=-78", Yaw=-297"
FCS	09:23			Exp #=86436	
UVSP	09:31			FePeak=09:19	
Event # = 22642	DOY=82	SMM Pointing:	N16W23	Pitch=-220", Yaw=-462", Roll=-20deg	H. Ang=32deg
89/03/23, 12:30	Peak	CaPeak.c/s=19	Qual=00	FePeak.c/s=12	dt= 7.7s XEN=908203
GOES	12:30	Wavelength=2788A	Qual= 5	Rast=240"x240"	Cad= 262s 1.024s/pixel
BCS	12:30			Rast=180"x1"	Pitch=-68", Yaw=-320"
FCS	12:36			Exp #=86440	
UVSP	12:39			FePeak=12:33	

Event # = 22643		
89/03/23, 14:08	DOY=82	
Start	Peak	
Optical		
GOES 13:54	14:08	Ha...Class=IN N12W27
BCS 14:12	14:16	Importance=M1 Qual=05
FCS		CaPeak.c/s=236 Qual=5
UVSP 14:11		Wave length=2788A Code=02
		Exp #=86442
		Mac.=EKI
		Carr. Lon.=140deg
		H. Ang=33deg
		FePeak.c/s=27
		#Peaks=1 dt= 3.8s
		Step=15" XEN=908204
		Rast=240"x240" Cad= 262s
		Pitch=-63" , Yaw=-331"
Event # = 22644		
89/03/23, 16:28	DOY=82	
Start	Peak	
GOES		
BCS 16:27	16:38	Qual=05
FCS		Qual=5
UVSP 16:32		CaPeak.c/s=24
		Wave length=2788A
		Exp #=86445
		FePeak=16:29
		#Peaks=1 dt= 7.7s
		Step=10" XEN=908205
		Rast=15" x15" Cad= 590s
		Pitch=-183" , Yaw=-520"
Event # = 11015		
89/03/23, 19:59	DOY=82	
Start	Peak	
Optical		
GOES 19:21	19:59	SMM Pointing: N16W30
HXRBS 19:30:09	22:15	Ha...Class=3B N18W28
GRS 19:36:00	20:09:45	Importance=X2 Qual=03
FCS 19:33	19:48:00	Peak...c/s=3318 Qual=04
UVSP 19:52	20:09	CaPeak.c/s=5772 Qual= 1
Radio Sweeps		Wave length=1375A Code=00
Radio		II/3 IV/3
		Type/Intensity: 245/180 410/210 1415/1800 2695/1600 4995/2700 8800/2500 15400/1100
		Frequency(MHz)/Flux(sfu):
Event # = 11016		
89/03/23, 21:27	DOY=82	
Start	Peak	
Optical		
Optical		
GOES 21:03:36	21:09:49	SMM Pointing: N16W31
HXRBS 21:07	21:27	Ha...Class=IN N15W28
FCS		Ha...Class=SB N15W32
UVSP 21:27		Peak...c/s=1690 Qual=00
Radio		CaPeak.c/s=1317 Qual=04
		Wave length=1375A
		245/1900 606/130 1415/89
		Frequency(MHz)/Flux(sfu):
Event # = 22645		
89/03/23, 22:42	DOY=82	
Start	Peak	
GOES		
BCS 22:40	22:42	Qual=00
FCS		Qual=5
UVSP 22:43		CaPeak.c/s=88
Radio Sweeps		Wave length=1375A
		III/1
		Type/Intensity:
		FePeak=22:41
		#Peaks=1 dt= 3.8s
		Step=15" XEN=908208
		Rast=240"x240" Cad= 262s
		Pitch=-163" , Yaw=-563"
		Exp #=86474
		Mac.=DA0
		Carr. Lon.=137deg
		H. Ang=35deg
		MaxkeV=320
		Flags=M5, SN, EN
		#Peaks=2 dt= 7.7s
		Step=10" XEN=908207
		Rast=180" x180" Cad= 332s
		Pitch=-140" , Yaw=-521"



Event # = 11017 89/03/24, 02:31 Start	DOY=83 Peak	SMM Pointing: Ha...Class=SF	N16W33	Pitch=-161", Yaw=-597", Roll=-20deg	H. Ang=40deg
Optical					
GOES					
HXRBS	02:27:54	Peak...c/s=70	Qual=01	#Peaks=1 dt= 3.8s	XEN=908300
BCS	02:28	CaPeak.c/s=60	Qual= 1	Step=0" Cad=1.02s	1.024s/pixel
FCS				Step=0" Pitch=-24", Yaw=-418"	
UVSP	02:35	Wavelength=2788A			
Radio	Frequency(MHz)/Flux(sfu):	606/3			
Event # = 11018 89/03/24, 03:32 Start	DOY=83 Peak	SMM Pointing: Ha...Class=SF	N16W34	Pitch=-156", Yaw=-608", Roll=-20deg	H. Ang=41deg
Optical					
GOES					
HXRBS	03:32:19	Peak...c/s=78	Qual=01	Carr. Lon.=137deg	H. Ang=38deg
UVSP	03:11	Wavelength=2788A			
Radio	Frequency(MHz)/Flux(sfu):	245/1000 410/840	606/210	Step=0" Pitch=-22", Yaw=-422"	
Event # = 11019 89/03/24, 05:26 Start	DOY=83 Peak	SMM Pointing: Peak...c/s=54	N16W35	Pitch=-151", Yaw=-618", Roll=-20deg	H. Ang=41deg
Optical					
GOES					
HXRBS	05:26:43	Wavelength=2788A	Qual=00	Maxkey=102	
UVSP	05:42		Qual=01	Rast=180"x1"	
Event # = 22646 89/03/24, 12:39 Start	DOY=83 Peak	Ha...Class=SF	N12W40	Carr. Lon.=141deg	H. Ang=44deg
Optical					
GOES					
BCS	12:39	CaPeak.c/s=28	Qual=05	#Peaks=1 dt= 7.7s	XEN=908301
FCS			Qual= 5	Step=0" Cad=1.02s	1.024s/pixel
UVSP	12:30	Wavelength=2788A		Step=0" Pitch=+6", Yaw=-483"	
Event # = 22647 89/03/24, 14:27 Start	DOY=83 Peak	Ha...Class=IF	N13W29	Carr. Lon.=129deg	H. Ang=35deg
Optical					
GOES					
BCS	14:17	CaPeak.c/s=50	Qual=03	#Peaks=1 dt= 3.8s	XEN=908302
FCS			Qual= 3	Step=15" Cad= 262s	1.024s/pixel
UVSP	14:04	Wavelength=2788A		Step=0" Pitch=-30", Yaw=-497"	
Event # = 22648 89/03/24, 16:08 Start	DOY=83 Peak	Ha...Class=SF	N15W28	Carr. Lon.=127deg	H. Ang=35deg
Optical					
GOES					
BCS	15:52	CaPeak.c/s=66	Qual=02	#Peaks=1 dt= 7.7s	XEN=908303
FCS			Qual= 2	Step=15" Cad= 262s	1.024s/pixel
UVSP	16:33	Wavelength=2788A		Step=0" Pitch=-22", Yaw=-512"	

BCS	17:19	17:19	17:44	CaPeak.c/s=46	Associated	Event # = 22649	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=908304
FCS					Qual= 5	FePeak=17:19	Rast=115"x115"	Step=5"	Cad=1083s	2.048s/pixel
UVSP	17:23			Wavelength=2788A		Exp #=86498	Rast=15"x15"	Step=3"	Pitch=-147"	Yaw=-689"
<b>Event # = 11020</b>										
89/03/24, 20:31	Start	DOY=83	Peak	SMM Pointing:	N18W43		Pitch=-149"	Yaw=-713"	Roll=-20deg	H. Ang=49deg
Optical				Ha...Class=2B	N17W44		Mac.=EKI		Carr. Lon.=140deg	H. Ang=50deg
GOES	20:25	20:31	20:49	Importance=M1	Qual=04	AR5409	MaxkeV=468		Flags=M5,SN	
HXRBS	20:24:12	20:28:17	20:39:13	Peak...c/s=1289	Qual=02	Tot Cts=89879				
GRS	20:27:00	20:31:00	20:31:00							
BCS	20:25	20:30	21:04	CaPeak.c/s=693	Qual= 1	FePeak=20:30	FePeak.c/s=199	#Peaks=1	dt= 3.8s	Dur=240sec
FCS				Wavelength=1375A	Code=02	Exp #=86510	Rast=240"x240"	Step=15"	Cad= 262s	XEN=908305
UVSP	20:31			II/3 IV/3			Rast=150"x150"	Step=10"	Pitch=-81"	Yaw=-684"
Radio Sweeps		Type/Intensity:		245/2500 410/700	606/150	1415/160	4995/440	8800/420	15400/260	
Radio Frequency(MHz)/Flux(sfu):				Associated	Event # = 11021		MaxkeV=102			
HXRBS	20:46:19	20:47:42	20:49:20	Peak...c/s=37	Qual=01	Tot Cts=774	Rast=10"x10"	Step=0"	Pitch=-60"	Yaw=-696"
UVSP	20:44			Wavelength=1375A		Exp #=86513				
<b>Event # = 11022</b>										
89/03/24, 20:51	Start	DOY=83	Peak	SMM Pointing:	N18W43		Pitch=-149"	Yaw=-713"	Roll=-20deg	H. Ang=49deg
Optical				Ha...Class=SF	N24W40		Mac.=EKI		Carr. Lon.=135deg	H. Ang=50deg
GOES	22:39	22:44	22:48	Importance=C3	Qual=03	AR5409	FePeak.c/s=10	#Peaks=1	dt= 3.8s	XEN=908306
HXRBS	20:49:47	20:51:57	20:54:48	CaPeak.c/s=49	Qual= 2	FePeak=22:42	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel
BCS	22:39	22:42	22:43				Rast=10"x10"	Step=0"	Pitch=-155"	Yaw=-785"
FCS				Wavelength=1375A	Code=00	Exp #=86524				
UVSP	22:32			II/1/2						
Radio Sweeps		Type/Intensity:								
<b>Event # = 22650</b>										
89/03/24, 22:44	Start	DOY=83	Peak	SMM Pointing:	N18W46		Pitch=-131"	Yaw=-746"	Roll=-20deg	H. Ang=52deg
Optical				Ha...Class=SF	N24W40		MaxkeV=187			
GOES	02:42	02:45	02:50	Importance=C2	Qual=01	Tot Cts=412	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=908400
HXRBS	02:42:34	02:42:47	02:43:01	Peak...c/s=69	Qual=01	FePeak=02:44	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
BCS	02:43	02:44	02:51	CaPeak.c/s=42	Qual= 1		Rast=180"x1"	Step=0"	Pitch=+6"	Yaw=-568"
FCS				Wavelength=2788A	Code=00	Exp #=86531				
UVSP	02:30									
<b>Event # = 11023</b>										
89/03/25, 02:45	Start	DOY=84	Peak	SMM Pointing:	N18W46		Pitch=-115"	Yaw=-778"	Roll=-20deg	H. Ang=55deg
Optical				Ha...Class=SF	N16W52		Mac.=EKI		Carr. Lon.=142deg	H. Ang=56deg
GOES	07:49:06	07:49:19	07:49:48	Peak...c/s=43	Qual=01	Tot Cts=165	MaxkeV=102			
HXRBS	07:49:06	07:49:19	07:49:48	Wavelength=2788A		Exp #=86538	Rast=180"x1"	Step=0"	Pitch=+21"	Yaw=-597"
BCS	08:05									
UVSP	08:05									

Event # = 11025	DOY=84	SMM Pointing:	N18W51	Pitch=-105", Yaw=-798", Roll=-20deg	H. Ang=57deg
89/03/25 11:56	Peak	End times	Qual=00	MaxkeV=144	Flags=SN
GOES	11:55:22	11:57:40	Qual=02	Rast=180"x1"	Step=0"
HXRBS	11:56:37	11:57:40	Peak...c/s=45	Tot Cts=1100	Pitch=+31", Yaw=-616"
UVSP	11:49		Wavelength=2788A	Exp #=86543	
Event # = 22651	DOY=84	Ha...Class=SF	N21W62	Mac.=EKI	Carr. Lon.=146deg
89/03/25 19:44	Peak	End times	Qual=00	FePeak.c/s=7	#Peaks=1
Optical	19:44	19:52	Qual=4	Rast=0"x0"	Step=0"
GOES	19:44	19:52	CaPeak.c/s=21	Rast=265"x265"	dt= 7.7s
BGS	19:44	19:52	Wavelength=1375A	Exp #=86552	XEN=908401
FCS	19:46				Cad=1.02s
UVSP	19:46				Pitch=-76", Yaw=-823"
Event # = 22652	DOY=84	Importance=C2	Qual=01	FePeak.c/s=8	#Peaks=1
89/03/25 21:45	Peak	End times	Qual=1	Rast=0"x0"	Step=0"
GOES	21:40	21:48	CaPeak.c/s=25	Rast=10"x10"	dt= 7.7s
BGS	21:42	21:47	Wavelength=1375A	Exp #=86565	XEN=908402
FCS	21:42	21:47			Cad=1.02s
UVSP	21:35				Pitch=-129", Yaw=-843"
Event # = 22653	DOY=84	Ha...Class=SF	N14W57	Mac.=EKI	Carr. Lon.=139deg
89/03/25 22:58	Peak	End times	Qual=00	FePeak.c/s=9	#Peaks=1
Optical	22:58	23:01	Qual=4	Rast=0"x0"	Step=0"
GOES	22:58	23:01	CaPeak.c/s=27	Rast=70"x70"	dt= 7.7s
BGS	22:58	23:01	Wavelength=1375A	Exp #=86571	XEN=908403
FCS	22:54				Cad=1.02s
UVSP	22:54				Pitch=-131", Yaw=-848"
Event # = 11026	DOY=85	SMM Pointing:	N18W58	Pitch=-74", Yaw=-851", Roll=-20deg	H. Ang=62deg
89/03/26 00:54	Peak	End times	Qual=01	Mac.=EKI	Carr. Lon.=145deg
Optical	00:49	00:58	N20W64	MaxkeV=102	H. Ang=68deg
GOES	00:50:19	00:50:50	Qual=01	Rast=180"x1"	Step=0"
HXRBS	00:50:19	00:50:50	Peak...c/s=58	Tot Cts=631	Pitch=+66", Yaw=-676"
UVSP	01:47		Wavelength=2788A	Exp #=86574	
Event # = 11027	DOY=85	SMM Pointing:	N18W59	Pitch=-68", Yaw=-861", Roll=-20deg	H. Ang=64deg
89/03/26 02:38	Peak	End times	Qual=00	MaxkeV=102	
GOES	02:38:03	02:38:29	Qual=01	Rast=180"x1"	Step=0"
HXRBS	02:38:03	02:39:06	Peak...c/s=55	Tot Cts=520	Pitch=+68", Yaw=-679"
UVSP	02:44		Wavelength=2788A	Exp #=86575	
Event # = 11028	DOY=85	SMM Pointing:	N18W59	Pitch=-68", Yaw=-861", Roll=-20deg	H. Ang=64deg
89/03/26 03:41	Peak	End times	Qual=00	MaxkeV=144	
GOES	03:41:30	03:42:14	Qual=01	Rast=180"x1"	Step=0"
HXRBS	03:41:30	03:42:14	Peak...c/s=114	Tot Cts=695	Pitch=+70", Yaw=-682"
UVSP	03:22		Wavelength=2788A	Exp #=86576	
Radio			Frequency(MHz)/Flux(sfu):		
			245/380		

Event # = 11029		89/03/26,09:00		DOY=85	Peak	SMM Pointing:		N18W63	Pitch=-53", Yaw=-884", Roll=-20deg		H. Ang=67deg
Optical		End times				Ha...Class=SF		Mac.=EKI		Carr. Lon.=140deg	
G0ES	08:54	09:00	09:05			Importance=C2		AR5409			H. Ang=66deg
HXRBS	08:55:33	08:56:17	08:57:12			Peak...c/s=143				#Peaks=1	
BCS	08:56	08:58	09:03			CaPeak.c/s=60				dt= 3.8s	
FCS							Wavelength=2788A				XEN=908500
UVSP	08:56									Cad= 262s	
										Pitch=+83", Yaw=-701"	
Event # = 22654		89/03/26,12:08		DOY=85	Peak	SMM Pointing:					
Optical		End times				Ha...Class=2N					
G0ES	12:06	12:08	12:09			Importance=M7		Qual=00			XEN=908501
HXRBS	12:06	12:08	12:09			CaPeak.c/s=28		Qual= 1			dt= 7.7s
BCS	12:06	12:08	12:09			Wavelength=2788A				Cad=1.02s	
FCS	12:03									1.024s/pixel	
UVSP	12:03									Pitch=+89", Yaw=-712"	
Event # = 22655		89/03/26,13:13		DOY=85	Peak	SMM Pointing:					
Optical		End times				Ha...Class=2N					
G0ES	13:37	13:37	13:42			Importance=M7		Qual=02			XEN=908502
HXRBS	13:37	13:37	13:42			CaPeak.c/s=231		Qual= 1			dt= 7.7s
BCS	13:37	13:37	13:42			Wavelength=2788A				Cad= 262s	
FCS	13:37									1.024s/pixel	
UVSP	13:37									Pitch=+93", Yaw=-716"	
Event # = 22656		89/03/26,14:31		DOY=85	Peak	SMM Pointing:					
Optical		End times				Ha...Class=1F					
G0ES	14:21	14:31	15:16			Importance=M4		Qual=05			XEN=908503
HXRBS	14:21	14:31	15:16			CaPeak.c/s=154		Qual= 4			dt= 7.7s
BCS	14:21	14:31	15:16			Wavelength=2788A				Cad= 332s	
FCS	14:21									1.024s/pixel	
UVSP	14:13									Pitch=+94", Yaw=-718"	
Event # = 11030		89/03/27,03:17		DOY=86	Peak	SMM Pointing:					
Optical		End times				Ha...Class=1F					
G0ES	03:11	03:17	03:36			Importance=M4		Qual=03			XEN=908600
HXRBS	03:11:50	03:16:01	03:18:53			Peak...c/s=311		Qual=01			dt= 7.7s
BCS	03:11	03:17	03:36			Wavelength=2788A				Cad=1.02s	
FCS	03:11	03:17	03:36							1.024s/pixel	
UVSP	03:35									Pitch=+126", Yaw=-758"	
Event # = 22657		89/03/27,07:28		DOY=86	Peak	SMM Pointing:					
Optical		End times				Ha...Class=1F					
G0ES	07:27	07:28	07:31			Importance=M4		Qual=06			XEN=908600
HXRBS	07:27	07:28	07:31			CaPeak.c/s=27		Qual= 4			dt= 7.7s
BCS	07:27	07:28	07:31			Wavelength=2788A				Cad=1.02s	
FCS	07:27	07:28	07:31							1.024s/pixel	
UVSP	07:15									Pitch=+126", Yaw=-758"	

Event # = 11032  
 89/03/27, 11:22 Start DOY=86 Peak Pitch=-8", Yaw=-943", Roll=-20deg H.Ang=78deg

Optical SMM Pointing: N18W75 H.Ang=79deg  
 Ha...Class=SF Carr.Lon.=139deg  
 Importance=C2  
 Peak...c/s=91  
 CaPeak.c/s=44

GOES 11:18 11:22 11:24 11:24 MaxkeV=144  
 HXRBS 11:19:40 11:19:58 11:20:36 11:20:36 dt= 3.8s XEN=908601  
 BCS 11:18 11:21 11:27 11:27 FePeak.c/s=13 Cad=1.02s  
 FCS 11:20 11:21 11:27 11:27 Rast=0"x0" Step=0  
 UVSP 11:20 11:21 11:27 11:27 Rast=180"x1" Pitch=+133", Yaw=-764"

Radio Frequency(MHz)/Flux(sfu): 245/620 410/610  
 Wavelength=2788A Code=00  
 245/620 410/610

Associated Event # = 11031  
 11:17:09 11:17:16 11:17:25 11:17:25 Peak...c/s=48  
 Qual=01 Tot Cts=99 MaxkeV=102

Event # = 11690  
 89/03/27, 12:12 Start DOY=86 Peak Pitch=-8", Yaw=-943", Roll=-20deg H.Ang=78deg

Optical SMM Pointing: N18W75 H.Ang=80deg  
 Ha...Class=SF Carr.Lon.=139deg  
 Importance=C2  
 Peak...c/s=56  
 CaPeak.c/s=50

GOES 12:08:34 12:09:19 12:11:04 12:11:04 dt= 3.8s XEN=908602  
 HXRBS 12:04 12:12 12:49 12:49 FePeak.c/s=10 Cad= 262s  
 BCS 12:04 12:12 12:49 12:49 Rast=240"x240" Step=15  
 FCS 11:55 12:49 12:49 12:49 Pitch=+133", Yaw=-765"

UVSP 11:55 12:49 12:49 12:49 Rast=180"x1" Step=0

Radio Frequency(MHz)/Flux(sfu): 245/600 410/330  
 Wavelength=2788A Code=00  
 245/600 410/330

Flags=1  
 #Peaks=2  
 Step=15  
 Step=0

Event # = 22658  
 89/03/27, 16:44 Start DOY=86 Peak FePeak.c/s=12 dt= 3.8s XEN=908603  
 GOES 16:43 16:44 17:40 17:40 Rast=240"x240" Cad= 262s  
 BCS 16:43 16:44 17:40 17:40 Rast=180"x1" Step=15  
 FCS 16:34 17:40 17:40 17:40 Pitch=+140", Yaw=-770"

UVSP 16:34 17:40 17:40 17:40 Rast=180"x1" Step=0

Event # = 22659  
 89/03/27, 19:47 Start DOY=86 Peak Carr.Lon.=140deg H.Ang=85deg

Optical SMM Pointing: N15W83 H.Ang=85deg  
 Ha...Class=SF Carr.Lon.=140deg  
 Importance=C5  
 CaPeak.c/s=78

GOES 19:41 19:47 19:50 19:50 dt= 3.8s XEN=908604  
 HXRBS 19:49 19:52 20:03 20:03 FePeak.c/s=18 Cad= 262s  
 BCS 19:49 19:52 20:03 20:03 Rast=240"x240" Step=15  
 FCS 19:51 20:03 20:03 20:03 Rast=265"x265" Step=5

UVSP 19:51 20:03 20:03 20:03 Pitch=+18", Yaw=-945"

Event # = 22660  
 89/03/27, 23:07 Start DOY=86 Peak FePeak.c/s=12 dt= 3.8s XEN=908605  
 GOES 23:03 23:07 23:16 23:16 Rast=0"x0" Cad=3840s  
 BCS 23:03 23:07 23:16 23:16 Rast=70"x70" Step=5  
 FCS 23:00 23:16 23:16 23:16 Pitch=+387", Yaw=-102"

UVSP 23:00 23:16 23:16 23:16 Rast=70"x70" Step=5

Event # = 11033  
 89/03/27, 23:17 Start DOY=86 Peak Pitch=+377", Yaw=-58", Roll=-20deg H.Ang=23deg

GOES 23:17:10 23:17:41 23:18:15 23:18:15 MaxkeV=102  
 HXRBS 23:17:10 23:17:41 23:18:15 23:18:15 Rast=70"x70" Step=5  
 UVSP 23:00 23:17:10 23:18:15 23:18:15 Pitch=+387", Yaw=-102"

Event # = 22661		89/03/28, 00:43		DOY=87				
GOES	Start	End times						
BCS	00:41	00:48	CaPeak.c/s=36	Qual=00	FePeak=00:42	dt= 7.7s	XEN=908700	
FCS	00:34		Wavelength=1375A	Qual=1	Exp #=86668	Cad=3840s	3840s/pixel	
UVSP						Pitch=+316"	Yaw=-88"	
Event # = 22662		89/03/28, 01:00		DOY=87				
GOES	Start	End times						
BCS	00:55	01:03	Importance=C4	Qual=01	FePeak=00:59	dt= 3.8s	XEN=908701	
FCS	00:56	01:07	CaPeak.c/s=174	Qual=1	Exp #=86668	Cad=3840s	3840s/pixel	
UVSP			Wavelength=1375A	Code=00		Pitch=+316"	Yaw=-88"	
Event # = 11034		89/03/28, 02:35		DOY=87				
Optical	Start	End times						
GOES	02:30	02:35	SMM Pointing:	S27W14	Pitch=+386"	Yaw=-80"	Roll=-20deg	H.Ang=24deg
HXRBS	02:30:23	02:33:48	Ha...Class=IN	N17W85				
UVSP	02:52	02:52	Importance=C5	Qual=01				
Radio Sweeps			Peak...c/s=64	Qual=01				
			Wavelength=2788A					
			III/3					
Event # = 11035		89/03/28, 07:16		DOY=87				
GOES	Start	End times						
HXRBS	07:16:14	07:16:23	SMM Pointing:	S27W16	Pitch=+399"	Yaw=-113"	Roll=-20deg	H.Ang=26deg
UVSP	07:32	07:32	Peak...c/s=58	Qual=06				
			Wavelength=2788A	Qual=01				
Event # = 11036		89/03/28, 10:37		DOY=87				
GOES	Start	End times						
HXRBS	10:16	10:37	SMM Pointing:	S27W18	Pitch=+409"	Yaw=-136"	Roll=-20deg	H.Ang=27deg
UVSP	10:27:20	10:31:26	Importance=M4	Qual=04				
Radio Sweeps			Peak...c/s=599	Qual=01				
			Wavelength=2788A	Code=02				
			V/2					
Event # = 11691		89/03/28, 15:16		DOY=87				
GOES	Start	End times						
HXRBS	15:16:33	15:16:35	SMM Pointing:	S27W21	Pitch=+422"	Yaw=-168"	Roll=-20deg	H.Ang=28deg
UVSP	15:17	15:20:37	Peak...c/s=82	Qual=00				
			Wavelength=2788A	Qual=02				
Event # = 11037		89/03/28, 16:53		DOY=87				
GOES	Start	End times						
HXRBS	16:53:19	16:53:32	SMM Pointing:	S27W21	Pitch=+427"	Yaw=-179"	Roll=-20deg	H.Ang=29deg
UVSP	16:51	16:55:05	Peak...c/s=55	Qual=00				
			Wavelength=2788A	Qual=02				

Event # = 11038	DOY=87	SMM Pointing:	S27W23	Pitch=+436", Yaw=-200", Roll=-20deg	H. Ang=30deg
89/03/28, 19:49	Peak	End times			
Optical		Ha...Class=1N	N17W88	Mac.=HAX	Carr. Lon.=132deg
Optical		Ha...Class=SF	S19W09		Carr. Lon.=53deg
GOES	19:25	Importance=M2	Qual=02	MaxkeV=144	Flags=M5, ES
HXRBS	19:24:53	Peak...c/s=146	Qual=03	Rast=10"x10"	Step=0" Pitch=+416", Yaw=-197"
UVSP	19:39	Wavelength=1375A	Code=00		
Radio		Frequency(MHz)/Flux(sfu):	2695/60		
Event # = 11040	DOY=87	SMM Pointing:	S27W24	Pitch=+440", Yaw=-210", Roll=-20deg	H. Ang=30deg
89/03/28, 21:17	Peak	End times			
GOES		Peak...c/s=45	Qual=00	MaxkeV=102	Flags=ES
HXRBS	21:16:52	Wavelength=1375A	Qual=03	Rast=10"x10"	Step=0" Pitch=+470", Yaw=-278"
UVSP	21:11				
Event # = 11039	DOY=87	SMM Pointing:	S27W25	Pitch=+445", Yaw=-220", Roll=-20deg	H. Ang=31deg
89/03/28, 22:53	Peak	End times			
GOES		Peak...c/s=68	Qual=00	MaxkeV=102	
HXRBS	22:52:48	Wavelength=1375A	Qual=01	Rast=10"x10"	Step=0" Pitch=+405", Yaw=-258"
UVSP	22:45				
Event # = 11041	DOY=88	SMM Pointing:	S27W35	Pitch=+498", Yaw=-341", Roll=-20deg	H. Ang=39deg
89/03/29, 17:48	Peak	End times			
Optical		Ha...Class=SF	S23E90	Mac.=DKI	Carr. Lon.=302deg
GOES	17:42	Importance=C4	Qual=06	MaxkeV=102	Flags=SA, ES
HXRBS	17:44:53	Peak...c/s=117	Qual=04	Rast=180"x1"	Step=0" Pitch=+378", Yaw=-158"
UVSP	17:42	Wavelength=2788A	Code=00		
Event # = 11042	DOY=89	SMM Pointing:	S18E88	Pitch=-36", Yaw=+960", Roll=-20deg	H. Ang=86deg
89/03/30, 03:52	Peak	End times			
Optical		Ha...Class=SN	S26E82	Mac.=DKI	Carr. Lon.=304deg
GOES	03:47	Importance=C2	Qual=01	MaxkeV=102	
HXRBS	03:49:50	Peak...c/s=44	Qual=01	Rast=30"x30"	Step=5" Pitch=-56", Yaw=+931"
UVSP	03:48	Wavelength=1375A	Code=00		
Event # = 11043	DOY=89	SMM Pointing:	S18E88	Pitch=-36", Yaw=+960", Roll=-20deg	H. Ang=86deg
89/03/30, 04:00	Peak	End times			
GOES	03:56	Importance=C2	Qual=01	MaxkeV=102	
HXRBS	03:56:31	Peak...c/s=41	Qual=01	Rast=30"x30"	Step=5" Pitch=-56", Yaw=+931"
UVSP	03:48	Wavelength=1375A	Code=00		
Event # = 11044	DOY=89	SMM Pointing:	S18E88	Pitch=-36", Yaw=+960", Roll=-20deg	H. Ang=86deg
89/03/30, 04:19	Peak	End times			
GOES	04:19:07	Peak...c/s=87	Qual=00	MaxkeV=144	
HXRBS	04:19:07	Wavelength=1375A	Qual=01	Rast=30"x30"	Step=5" Pitch=-46", Yaw=+931"
UVSP	04:12				

Event # = 11045			SMM Pointing:			AR5428		
89/03/30 13:03	DOY=89	Peak	End times					
Optical								
GOES 12:58	13:03	13:05	Ha...Class=SF	S23E78	AR5428	Mac.=DKI	Carr. Lon.=303deg	H. Ang=76deg
HXRBS 13:03:31	13:03:36	13:03:45	Importance=C7	Qual=04	AR5428	MaxkeV=102		
UVSP 12:54			Peak...c/s=40	Qual=01	Tot Cts=98	Rast=180"x1"	Step=0"	Pitch=-156", Yaw=+890"
Radio	Frequency (MHz)/Flux(sfu):		410/170 606/160 1415/80 4995/80					
Event # = 11046			SMM Pointing:			DOY=90		
89/03/31 05:02	DOY=90	Peak	End times					
Optical								
GOES 04:55	05:02	05:06	Ha...Class=SF	S23E71	AR5428	Pitch=-40", Yaw=+853", Roll=-20deg		H. Ang=63deg
HXRBS 04:58:08	04:58:27	04:58:44	Importance=C6	Qual=01		Mac.=FKI	Carr. Lon.=302deg	H. Ang=70deg
UVSP 04:38			Peak...c/s=98	Qual=01	Tot Cts=925	MaxkeV=144		
Radio	Type/Intensity:		III/2		Rast=243"x243" Step=3" Pitch=-33", Yaw=+864"			
Event # = 11047			SMM Pointing:			DOY=91		
89/04/01 22:00	DOY=91	Peak	End times					
Optical								
GOES 21:00	22:00	22:40	Importance=C2	Qual=03		Pitch=+3", Yaw=+645", Roll=-20deg		H. Ang=42deg
HXRBS 21:31:51	21:32:18	21:32:38	Peak...c/s=82	Qual=01	Tot Cts=716	MaxkeV=102		
UVSP 21:47			Wavelength=2788A	Code=01	Exp #=86907	Rast=180"x1"	Step=0"	Pitch=-115", Yaw=+564"
Radio	Frequency (MHz)/Flux(sfu):		606/200					
Event # = 11049			SMM Pointing:			DOY=92		
89/04/02 15:40	DOY=92	Peak	End times					
Optical								
GOES 15:32	15:40	16:02	Ha...Class=SB	N34E77		Carr. Lon.=263deg		H. Ang=83deg
HXRBS 15:36:04	15:41:30	15:46:55	Importance=N2	Qual=03		Flags=M5, SN		
UVSP 15:27			Peak...c/s=136	Qual=02	Tot Cts=24243	MaxkeV=102		
Radio	Frequency (MHz)/Flux(sfu):		606/200		Rast=180"x1" Step=0" Pitch=-639", Yaw=+495"			
Event # = 11050			SMM Pointing:			DOY=92		
89/04/02 23:30	DOY=92	Peak	End times					
Optical								
GOES 23:23	23:30	23:43	Ha...Class=SF	S18E27	AR5428	Mac.=FKI	Carr. Lon.=309deg	H. Ang=29deg
HXRBS 23:23:40	23:28:06	23:35:57	Importance=M1	N21W55	AR5435		Carr. Lon.=31deg	H. Ang=61deg
UVSP 00:09			Peak...c/s=312	Qual=04	Tot Cts=40183	MaxkeV=144		
Radio	Frequency (MHz)/Flux(sfu):		606/200		Rast=180"x1" Step=0" Pitch=-639", Yaw=+495"			
Event # = 11051			SMM Pointing:			DOY=93		
89/04/03 09:22	DOY=93	Peak	End times					
Optical								
GOES 09:14	09:22	09:31	Importance=C3	Qual=03		MaxkeV=144		
HXRBS 09:15:28	09:16:13	09:17:30	Peak...c/s=53	Qual=01	Tot Cts=797	FePeak.c/s=48	#Peaks=1	dt= 3.8s XEN=909300
BCS 09:16	09:20	09:37	CaPeak.c/s=186	Qual= 1	FePeak=09:18	Rast=240"x240"	Step=15"	Cad= 262s 1.024s/pixel
UVSP 09:00			Wavelength=2788A	Code=00	Exp #=86982	Rast=243"x243"	Step=3"	Pitch=-766", Yaw=+578"



Event # = 11053	D0Y=93	Peak	End times	Ha...Class=1N	S23E05	AR5428	Mac.=FKI	Carr. Lon.=320deg	H. Ang=17deg
89/04/03,19:46	Start	19:46	20:17	Importance=C7	Qual=04		MaxkeV=102	Flags=SN	
GOES 19:33:54	Peak	19:38:57	19:41:31	Peak...c/s=42	Qual=02	Tot Cts=1068	Rast=180"x1"	Step=0"	Pitch=-639", Yaw=+495"
UVSP 19:27	Start	19:27		Wavelength=2788A	Code=01	Exp #=86995			
Radio Sweeps	Type/Intensity:			IV/2					
Radio Frequency(MHz)/Flux(stu):	2457790	410/200	606/220						
Event # = 11054	D0Y=93	Peak	End times	Ha...Class=SN	S17E13	AR5428	Mac.=FKI	Carr. Lon.=311deg	H. Ang=17deg
89/04/03,22:10	Start	22:10	22:17	Importance=M1	Qual=02		MaxkeV=102	Step=0"	
GOES 22:03:40	Peak	22:04:27	22:04:45	Peak...c/s=48	Qual=01	Tot Cts=265	Rast=180"x1"	Pitch=-639", Yaw=+495"	
UVSP 21:59	Start	21:59		Wavelength=2788A	Code=01	Exp #=86998			
Event # = 11052	D0Y=93	Peak	End times	Peak...c/s=63	Qual=01	Tot Cts=347	MaxkeV=102	Step=0"	Pitch=-639", Yaw=+495"
89/04/03,22:42	Start	22:42:52	22:43:02	Wavelength=2788A	Qual=01	Exp #=86999	Rast=180"x1"		
GOES 22:42:38	Peak	22:42:52	22:43:02						
HXRBS 22:33	Start	22:33							
UVSP 22:33	Start	22:33							
Event # = 22663	D0Y=94	Peak	End times	CaPeak.c/s=21	Qual=03	FePeak=05:49	FePeak.c/s=7	#Peaks=1	dt= 7.7s
89/04/04,05:49	Start	05:49	05:51	Wavelength=1375A	Qual= 2	Exp #=87020	Rast=0"x0"	Step=0"	XEN=909400
GOES 05:49	Peak	05:49	05:51				Rast=70"x70"	Step=5"	Cad=1.02s
BGS 05:49	Start	05:49							1.024s/pixel
FCS 04:58	Start	04:58							Pitch=-789", Yaw=+541"
UVSP 04:58	Start	04:58							
Event # = 11726	D0Y=95	Peak	End times	SMM Pointing:	S19W03	AR5428	Mac.=FKI	Carr. Lon.=302deg	H. Ang=16deg
89/04/05,04:15	Start	04:15	04:19:51		Qual=00		MaxkeV=144	Flags=I	
GOES 04:14:11	Peak	04:15:44	04:19:51	Peak...c/s=55	Qual=01	Tot Cts=1860	Rast=265"x265"	Step=5"	Pitch=+220", Yaw=+43"
HXRBS 04:13	Start	04:13		Wavelength=1375A		Exp #=87064			
UVSP 04:13	Start	04:13							
Event # = 22664	D0Y=95	Peak	End times	Ha...Class=SF	S22E01	AR5428	Mac.=FKI	Carr. Lon.=302deg	H. Ang=16deg
89/04/05,10:56	Start	10:56	11:00	CaPeak.c/s=30	Qual=02	FePeak=10:56	FePeak.c/s=9	#Peaks=1	dt= 7.7s
GOES 10:56	Peak	10:56	11:00	Wavelength=2788A	Qual= 5	Exp #=87084	Rast=0"x0"	Step=0"	XEN=909500
BCS 10:56	Start	10:56					Rast=180"x1"	Step=0"	Cad=1.02s
FCS 11:15	Start	11:15						Step=0"	1.024s/pixel
UVSP 11:15	Start	11:15							Pitch=+113", Yaw=+159"

Event # = 11055		89/04/05, 11:58		DOY=95		SMM Pointing:		S19W07		Pitch=+236", Yaw=-31", Roll=-20deg		H. Ang=14deg	
Optical		Start		Peak		Ha...Class=IM		S19W09		Mac.=FKI		H. Ang=15deg	
GOES		11:55		12:05		Importance=M4		Qual=04		Carr. Lon.=312deg			
HXRBS		11:56:06		11:58:42		Peak...c/s=1323		Qual=04		Flags=M5, SN, ES			
UVSP		11:50				Wavelength=2788A		Code=00		Step=0"		Pitch=+115", Yaw=+154"	
Radio		Frequency(MHz)/Flux(sfu):		8800/120 15400/60									
Event # = 11057		89/04/05, 20:40		DOY=95		SMM Pointing:		S19W11		Pitch=+261", Yaw=-93", Roll=-20deg		H. Ang=17deg	
Optical		Start		Peak		Ha...Class=SF		S17W08		Mac.=FKI		H. Ang=13deg	
GOES		20:37		20:44		Importance=C2		Qual=03		Carr. Lon.=306deg			
HXRBS		20:38:15		20:38:55		Peak...c/s=90		Qual=01		MaxkeV=102			
UVSP		20:30				Wavelength=2788A		Code=00		Rast=180"x1"		Step=0" Pitch=+142", Yaw=+86"	
HXRBS		20:37:24		20:37:54		Peak...c/s=40		Associated		Event # = 11056			
								Qual=01		Tot Cts=198			
Event # = 11059		89/04/05, 23:11		DOY=95		SMM Pointing:		S19W13		Pitch=+270", Yaw=-118", Roll=-20deg		H. Ang=18deg	
Optical		Start		Peak		Ha...Class=SF		S19W12		Mac.=FKI		H. Ang=17deg	
GOES		23:04		23:17		Importance=C7		Qual=01		Carr. Lon.=309deg			
HXRBS		23:05:47		23:08:23		Peak...c/s=116		Qual=01		MaxkeV=102			
BCS		23:02		23:19		CaPeak.c/s=91		Qual= 1		FePeak.c/s=18		#Peaks=1 dt= 3.8s	
FCS						Wavelength=2788A				Rast=240"x240"		Step=15" Cad= 262s XEN=909501	
UVSP		23:36				Peak...c/s=64		Associated		Step=0"		Pitch=+152", Yaw=+61"	
HXRBS		22:57:41		22:59:47		Wavelength=2788A		Qual=01		MaxkeV=144			
UVSP		22:41								Rast=180"x1"		Step=0" Pitch=+149", Yaw=+68"	
Event # = 22665		89/04/06, 00:23		DOY=96		SMM Pointing:		89/04/06 DOY=96		Pitch=+290", Yaw=-166", Roll=-20deg		H. Ang=20deg	
Optical		Start		Peak		Ha...Class=SF		S19W16		Mac.=FKI		H. Ang=24deg	
GOES		00:23		00:26		Importance=C5		S21W19		Carr. Lon.=312deg			
BCS		00:23		00:26		Peak...c/s=-1		Qual=01		MaxkeV=102			
FCS						CaPeak.c/s=23		Qual= 1		FePeak.c/s=10		#Peaks=1 dt= 7.7s XEN=909600	
UVSP		00:15				Wavelength=2788A				Rast=0"x0"		Step=0" Cad= 652s 651.5s/pixel	
Event # = 11060		89/04/06, 05:36		DOY=96		SMM Pointing:		S19W16		Pitch=+290", Yaw=-166", Roll=-20deg		H. Ang=20deg	
Optical		Start		Peak		Ha...Class=SF		S21W19		Mac.=FKI		H. Ang=24deg	
GOES		05:28		05:38		Importance=C5		Qual=01		Carr. Lon.=312deg			
HXRBS		05:34:39		05:35:20		Peak...c/s=42		Qual=01		MaxkeV=102			
BCS		05:30		05:40		CaPeak.c/s=261		Qual= 1		FePeak.c/s=53		#Peaks=2 dt= 3.8s XEN=909601	
FCS						Wavelength=1375A		Code=00		Rast=240"x240"		Step=15" Cad= 262s 1.024s/pixel	
UVSP		05:24								Rast=10"x10"		Step=0" Pitch=+280", Yaw=-138"	

Event # = 22666	DOY=96	Peak	End times	Ha...Class=SF	N36E58	AR5441	Mac.=CAO	Carr. Lon.=233deg	H. Ang=69deg
89/04/06,10:13	10:13	10:13	10:24	CaPeak.c/s=118	Qual=01	FePeak=10:12	FePeak.c/s=19	#Peaks=1	dt= 3.8s
Optical				Wavelength=1375A	Qual=1	Exp #=87133	Rast=240"x240"	Step=15"	XEN=909602
GOES							Rast=30"x30"	Step=5"	1.024s/pixel
BCS									Yaw=-214"
FCS									
UVSP									
Event # = 11061	DOY=96	Peak	End times	SMM Pointing:	S19W19	AR5441	Pitch=+304"	Yaw=-202"	Roll=-20deg
89/04/06,10:22	10:22:34	10:22:48	10:22:48	Ha...Class=SF	N36E58	AR5441	Mac.=CAO	Carr. Lon.=232deg	H. Ang=69deg
Optical				Peak...c/s=50	Qual=01	Tot Cts=260	MaxkeV=102	Flags=ND	
GOES				Wavelength=1375A	Qual=01	Exp #=87133	Rast=30"x30"	Step=5"	Pitch=+304", Yaw=-214"
HXRBS									
UVSP									
Event # = 11062	DOY=96	Peak	End times	SMM Pointing:	S19W25	AR5441	Pitch=+338"	Yaw=-281"	Roll=-20deg
89/04/06,20:44	20:44	20:49	20:49	Ha...Class=SF	N34E51	AR5441	Mac.=CAO	Carr. Lon.=234deg	H. Ang=63deg
Optical				Importance=C2	Qual=01	Tot Cts=875	MaxkeV=102	Step=0"	Pitch=+216", Yaw=-95"
GOES				Peak...c/s=61	Qual=01	Exp #=87148	Rast=180"x1"		
HXRBS				Wavelength=2788A	Code=01				
UVSP									
Event # = 22667	DOY=97	Peak	End times	Ha...Class=SF	S17W28	AR5428	Mac.=FKI	Carr. Lon.=308deg	H. Ang=29deg
89/04/07,04:41	04:41	04:45	04:45	Importance=C2	Qual=01	FePeak=04:40	FePeak.c/s=17	#Peaks=1	dt= 7.7s
Optical				CaPeak.c/s=35	Qual= 4	Exp #=87158	Rast=115"x115"	Step=5"	XEN=909700
GOES				Wavelength=2788A	Code=00		Rast=243"x243"	Step=3"	2.048s/pixel
BCS									Yaw=-324"
FCS									
UVSP									
Event # = 11063	DOY=97	Peak	End times	SMM Pointing:	S19W32		Pitch=+375"	Yaw=-369"	Roll=-20deg
89/04/07,09:50	09:50:19	09:50:38	09:50:38	Ha...Class=SF	Qual=00	Tot Cts=360	MaxkeV=144	Step=5"	Pitch=+457", Yaw=-459"
Optical				Importance=C9	Qual=01	Exp #=87176	Rast=30"x30"		
GOES				Peak...c/s=62	Qual=01				
HXRBS				Wavelength=1375A					
UVSP									
Event # = 11066	DOY=97	Peak	End times	SMM Pointing:	S19W34	AR5434	Pitch=+389"	Yaw=-400"	Roll=-20deg
89/04/07,13:42	13:42	14:39	14:39	Ha...Class=SF	S23E05	AR5434	Mac.=CSI	Carr. Lon.=270deg	H. Ang=36deg
Optical				Importance=C9	Qual=03	Tot Cts=2700	MaxkeV=102	Flags=M5,SN,ES	
GOES				Peak...c/s=40	Qual=04	Exp #=87186	Rast=180"x1"	Step=0"	Pitch=+268", Yaw=-214"
HXRBS				Wavelength=2788A	Code=00				
UVSP									

Event # = 11065			SMM Pointing:		Pitch=+0", Yaw=+0", Roll=-20deg			H.Ang=0deg		
89/04/07,15:27	DOY=97	Peak	S06W00							
Optical			Ha...Class=IN	N33E43	AR5441		Mac.=CAO	Carr.Lon.=231deg	H.Ang=57deg	
G0ES	15:22	15:31	Importance=C8	Qual=03			MaxkeV=231	Flags=M5,ES		
HXRBS	15:22:16	15:22:37	Peak...c/s=361	Qual=03			Rast=180"x1"	Step=0"	Pitch=+389", Yaw=-409"	
UVSP	15:00		Wavelength=2788A	Code=01	Tot Cts=15323	Exp #=87188				
Event # = 11064			SMM Pointing:		Pitch=+407", Yaw=-439", Roll=-20deg			H.Ang=39deg		
89/04/07,19:51	DOY=97	Peak	S19W37							
Optical			Ha...Class=SF	S16E01	AR5446		Mac.=DAO	Carr.Lon.=271deg	H.Ang=10deg	
G0ES	19:47	19:55	Importance=C5	Qual=05			MaxkeV=274	Flags=SN		
HXRBS	19:49:13	19:49:41	Peak...c/s=255	Qual=02			Rast=180"x1"	Step=0"	Pitch=+286", Yaw=-252"	
UVSP	19:39		Wavelength=2788A	Code=00	Tot Cts=6938	Exp #=87194				
Event # = 11067			SMM Pointing:		Pitch=+477", Yaw=-579", Roll=-20deg			H.Ang=51deg		
89/04/08,21:26	DOY=98	Peak	S19W51							
Optical			Importance=C6	Qual=03			MaxkeV=102			
G0ES	21:12	21:48	Peak...c/s=44	Qual=01			Rast=180"x1"	Step=0"	Pitch=+357", Yaw=-395"	
HXRBS	21:13:07	21:14:33	Wavelength=2788A	Code=02	Tot Cts=660	Exp #=87243				
UVSP	21:28									
Event # = 11068			SMM Pointing:		Pitch=+481", Yaw=-590", Roll=-20deg			H.Ang=52deg		
89/04/09,01:05	DOY=99	Peak	S19W52							
Optical			Ha...Class=4B	N35E29	AR5441		Mac.=DKO	Carr.Lon.=227deg	H.Ang=49deg	
G0ES	00:42	02:00	Importance=X4	Qual=02			MaxkeV=102	Flags=SN		
HXRBS	01:18:40	01:19:51	Peak...c/s=51	Qual=02			Rast=180"x1"	Step=0"	Pitch=+366", Yaw=-413"	
UVSP	01:08		Wavelength=2788A	Code=02	Tot Cts=10084	Exp #=87248				
Radio			Frequency(MHz)/Flux(sfu):	4995/2400 8800/3300						
Event # = 11069			SMM Pointing:		Pitch=+487", Yaw=-600", Roll=-20deg			H.Ang=54deg		
89/04/09,02:07	DOY=99	Peak	S19W54							
Optical			Ha...Class=1F	S20E04	AR5438		Mac.=DAO	Carr.Lon.=251deg	H.Ang=14deg	
G0ES	02:00	02:31	Importance=M1	Qual=03			MaxkeV=102	Flags=AX		
HXRBS	02:02:02	02:04:44	Peak...c/s=52	Qual=01			Rast=180"x1"	Step=0"	Pitch=+368", Yaw=-417"	
UVSP	02:06		Wavelength=2788A	Code=00	Tot Cts=7911	Exp #=87249				
Event # = 22668			Ha...Class=SF		N34E17		Mac.=DKO		Carr.Lon.=230deg	H.Ang=43deg
89/04/09,17:37	DOY=99	Peak	Qual=01	Qual= 4						
Optical			CaPeak.c/s=24	FePeak=17:42			FePeak_c/s=7	dt= 7.7s	XEN=909900	
G0ES	17:36	17:46	Wavelength=2788A	Exp #=87285			Rast=0"x0"	Cad=1.02s	1.024s/pixel	
BCS							Rast=180"x1"	Pitch=-772", Yaw=+182"		
FCS										
UVSP	17:38		Type/Intensity:	V/1						
Radio Sweeps										

89/04/10		DOY=100	
Event # = 11070	DOY=100	SMM Pointing:	Pitch=-632", Yaw=-60", Roll=-20deg
89/04/10, 02:12	Peak	N34E12	H.Ang=41deg
GOES	End times	Qual=00	
HXRBS	02:11:52 02:12:27	Peak...c/s=50	MaxkeV=102
UVSP	01:58	Wavelength=2788A	Rast=180"x1" Step=0" Pitch=-498", Yaw=-129"
Event # = 11071			
89/04/10, 07:16	DOY=100	SMM Pointing:	Pitch=-621", Yaw=-93", Roll=-20deg
GOES	Peak	N34E09	H.Ang=41deg
HXRBS	07:15:51 07:16:05	Qual=00	
UVSP	07:03	Peak...c/s=48	MaxkeV=102
		Wavelength=1375A	Rast=70"x70" Step=5" Pitch=-616", Yaw=-91"
Event # = 11072			
89/04/10, 18:30	DOY=100	SMM Pointing:	Pitch=-595", Yaw=-164", Roll=-20deg
GOES	Peak	N34E04	H.Ang=40deg
HXRBS	18:30	N40W08	H.Ang=47deg
UVSP	18:28	Qual=03	
		Importance=C2	Carr. Lon.=241deg
		Peak...c/s=41	
		Wavelength=2788A	Step=0" Pitch=-713", Yaw=+16"
Event # = 11073			
89/04/10, 21:17	DOY=100	SMM Pointing:	Pitch=-587", Yaw=-186", Roll=-20deg
GOES	Peak	N34E02	H.Ang=40deg
HXRBS	21:17:26 21:17:32	Qual=00	
UVSP	21:35	Qual=01	
		Peak...c/s=36	MaxkeV=102
		Wavelength=2788A	Rast=180"x1" Step=0" Pitch=-451", Yaw=-6"
Event # = 22669			
89/04/10, 23:10	DOY=100	End times	
GOES	22:20	Qual=00	
BCS	23:10	Qual=2	
FCS	23:16	CaPeak.c/s=32	FePeak.c/s=15 dt= 7.7s XEN=910000
UVSP	23:07	Peak3...c/s=-1	Rast=180"x1" Step=0" Pitch=-447", Yaw=-16"
		Wavelength=2788A	
Event # = 22670			
89/04/10, 23:53	DOY=100	End times	
GOES	23:53	Qual=00	
BCS	00:49	Qual=5	
FCS	00:49	CaPeak.c/s=39	dt= 7.7s XEN=910001
UVSP	23:42	Peak3...c/s=-1	Cad=.26s 0.256s/pixel
		Wavelength=2788A	Step=0" Pitch=-446", Yaw=-20"
89/04/11			
DOY=101			
Event # = 22671			
89/04/11, 01:34	DOY=101	End times	
GOES	01:26	Qual=00	
BCS	01:34	Qual=4	
FCS	02:22	CaPeak.c/s=21	dt= 7.7s XEN=910100
UVSP	01:14	Peak3...c/s=-1	Cad= 860s 859.9s/pixel
		Wavelength=2788A	Step=0" Pitch=-442", Yaw=-31"

Event # = 22672		DOY=101		End times																	
89/04/11	08:08	Start	Peak	08:08	08:30	CaPeak.c/s=33	WaveLength=1375A	Qual=00	Qual=1	FePeak=08:03	Exp #=87360	FePeak.c/s=8	Rast=0"x0"	Rast=110"x200"	#Peaks=1	dt= 7.7s	XEN=910101				
GOES																					
BCS																					
FCS																					
UVSP	08:04																				
Event # = 11078		DOY=102		End times																	
89/04/12	06:09	Start	Peak	06:09	06:18	SMM Pointing:	N34W15	Ha...Class=1F	S18W37	AR5438	Mac.=CSO	Pitch=-504",Yaw=-404",Roll=-20deg	H.Ang=42deg								
Optical																					
GOES	06:01					Importance=C5	Qual=03	Peak...c/s=50	Code=00	Tot Cts=756	Exp #=87397										
HXRBS	06:03:22					WaveLength=1375A															
UVSP	05:37																				
Event # = 11081		DOY=102		End times																	
89/04/12	21:32	Start	Peak	21:32:21	21:32:57	SMM Pointing:	N35W25	Peak...c/s=47	Qual=00	Tot Cts=430	Exp #=87429	MaxkeV=144	Rast=180"x1"	Step=0"	Pitch=-336",Yaw=-347"						
GOES																					
HXRBS	21:31:35					WaveLength=2788A															
UVSP	21:41																				
Event # = 11082		DOY=102		End times																	
89/04/12	22:32	Start	Peak	22:32:58	22:33:45	SMM Pointing:	N35W26	Peak...c/s=47	Qual=00	Tot Cts=480	Exp #=87430	MaxkeV=144	Rast=180"x1"	Step=0"	Pitch=-335",Yaw=-350"						
GOES																					
HXRBS	22:32:37					WaveLength=2788A															
UVSP	22:14																				
Event # = 11080		DOY=103		End times																	
89/04/13	06:42	Start	Peak	06:42:28	06:43:06	SMM Pointing:	N35W30	Peak...c/s=206	Qual=01	Tot Cts=866	Exp #=87441	MaxkeV=187	Rast=70"x70"	Step=5"	Pitch=-434",Yaw=-576"						
GOES																					
HXRBS	06:42:16					WaveLength=1375A															
UVSP	06:26					Frequency(MHz)/Flux(sfu):	245/880 410/430														
Radio																					
Event # = 11084		DOY=103		End times																	
89/04/13	17:28	Start	Peak	17:28:49	17:28:58	SMM Pointing:	N36W36	Peak...c/s=62	Qual=00	Tot Cts=257	Exp #=87460	MaxkeV=102	Rast=180"x1"	Step=0"	Pitch=-287",Yaw=-458"						
GOES																					
HXRBS	17:28:38					WaveLength=2788A															
UVSP	17:50																				
Event # = 11085		DOY=103		End times																	
89/04/13	17:45	Start	Peak	17:45	17:51	SMM Pointing:	N36W36	Ha...Class=SF	N10E69	AR5451	Mac.=DAO	Pitch=-428",Yaw=-642",Roll=-20deg	H.Ang=54deg								
Optical																					
GOES	17:40					Importance=C5	Qual=01	Peak...c/s=49	Code=02	Tot Cts=917	Exp #=87460										
HXRBS	17:40:48					WaveLength=2788A															
UVSP	17:50																				

Event # = 11086 89/04/13 21:00 Start Optical GOES 20:50 HXRBs 20:50:04 UVSP 20:56	DOY=103 Peak 21:00 20:52:07 20:54:59	End times 21:24 20:54:59	SMM Pointing: Ha...Class=SF Importance=C5 Peak...c/s=50 WaveLength=2788A	N35W37 N09E66 Qual=03 Qual=01 Code=00	AR5451 Tot Cts=2434 Exp #=87464	Pitch=-418", Yaw=-650", Roll=-20deg Mac.=DAO MaxkeV=102 Rast=180"x1"	Carr. Lon.=126deg Flags=AX Step=0" Pitch=-279", Yaw=-474"	H. Ang=54deg H. Ang=67deg
89/04/15 DOY=105								
Event # = 11087 89/04/15 00:31 Start Optical GOES HXRBs 00:31:36	DOY=105 Peak 00:31:52	End times 00:32:08	SMM Pointing: Ha...Class=SF Peak...c/s=62	S06W00 S20E12 Qual=01 Qual=01	AR5449 Tot Cts=298	Pitch=+3", Yaw=-5", Roll=0deg Mac.=EAI MaxkeV=102	Carr. Lon.=165deg H. Ang=19deg	H. Ang=0deg
Event # = 22673 89/04/15 05:33 Start GOES BCS FCS	DOY=105 Peak 05:33	End times 05:36	CaPeak.c/s=22	Qual=01 Qual= 4	FePeak=05:33	FePeak.c/s=8 Rast=0"x0"	#Peaks=1 dt= 7.7s Step=0" Cad=1.02s	XEN=910500 1.024s/pixel
Event # = 11746 89/04/15 13:04 Start Optical GOES HXRBs UVSP Radio	DOY=105 Peak 13:04:03 13:15	End times 13:04:50	SMM Pointing: Ha...Class=SF Peak...c/s=39 WaveLength=2788A Frequency (MHz)/Flux(sfu): 410/1400	N09E44 N14E50 Qual=00 Qual=01	AR5451 Tot Cts=170 Exp #=87512	Pitch=-428", Yaw=+545", Roll=-20deg Mac.=EKI MaxkeV=102 Rast=180"x1"	Carr. Lon.=120deg Flags=I Step=0" Pitch=-293", Yaw=+473"	H. Ang=46deg H. Ang=53deg
Event # = 11747 89/04/15 21:48 Start GOES HXRBs UVSP	DOY=105 Peak 21:47:41 21:35	End times 21:49:21	SMM Pointing: Peak...c/s=84 WaveLength=2788A	N09E40 Qual=01 Qual=01	Tot Cts=1870 Exp #=87523	Pitch=-414", Yaw=+494", Roll=-20deg MaxkeV=144 Rast=180"x1"	Flags=I Step=0" Pitch=-278", Yaw=+418"	H. Ang=42deg
Event # = 11750 89/04/15 22:31 Start GOES HXRBs UVSP	DOY=105 Peak 22:30:50 22:33	End times 22:32:30	SMM Pointing: Peak...c/s=48 WaveLength=2788A	N09E39 Qual=01 Qual=01	Tot Cts=526 Exp #=87524	Pitch=-411", Yaw=+484", Roll=-20deg MaxkeV=102 Rast=180"x1"	Flags=I Step=0" Pitch=-276", Yaw=+411"	H. Ang=42deg
89/04/16 DOY=106								
Event # = 11751 89/04/16 04:25 Start GOES HXRBs UVSP	DOY=106 Peak 04:25:28 04:02	End times 04:25:58	SMM Pointing: Peak...c/s=91 WaveLength=2788A	N09E36 Qual=00 Qual=01	Tot Cts=847 Exp #=87531	Pitch=-400", Yaw=+443", Roll=-20deg MaxkeV=144 Rast=243"x243"	Flags=I Step=3" Pitch=-392", Yaw=+456"	H. Ang=39deg

89/04/17		DOY=107	
Event # = 11088	89/04/17, 03:32	DOY=107	DOY=107
Start	03:32	Peak	
Optical	SMM Pointing: N09E23		
GOES	03:28	03:32	03:34
HXRBS	03:29:38	03:30:40	03:31:34
BCS	03:30	03:32	03:35
FCS	Ha...Class=SF		
UVSP	Importance=C3		
Radio	Peak...c/s=57		
	CaPeak.c/s=69		
	WaveLength=2788A		
	Frequency(MHz)/Flux(sfu): 245/240 410/460 606/67		
Event # = 11091	89/04/17, 17:46	DOY=107	DOY=108
Start	17:46	Peak	
Optical	SMM Pointing: N09E15		
GOES	17:39	17:46	17:51
HXRBS	17:41:49	17:43:24	17:44:21
UVSP	18:00		
	Ha...Class=SN		
	Importance=C6		
	Peak...c/s=51		
	WaveLength=2788A		
Event # = 11097	89/04/18, 10:39	DOY=108	DOY=108
Start	10:39	Peak	
Optical	SMM Pointing: N09E06		
GOES	10:38:50	10:39:01	10:39:24
HXRBS	10:20		
UVSP	Qual=00		
	Peak...c/s=58		
	WaveLength=2788A		
Event # = 12773	89/04/18, 11:05	DOY=108	DOY=109
Start	11:05	Peak	
Optical	SMM Pointing: N09E06		
GOES	11:05:01	11:05:03	11:05:14
HXRBS	10:20		
UVSP	Qual=01		
	Peak...c/s=32		
	WaveLength=2788A		
Event # = 11099	89/04/19, 00:30	DOY=109	DOY=109
Start	00:30	Peak	
Optical	SMM Pointing: N09W02		
GOES	00:19	00:30	00:51
HXRBS	00:27:16	00:28:31	00:30:30
UVSP	00:17		
Radio	Ha...Class=SF		
	Importance=C5		
	Peak...c/s=205		
	WaveLength=2788A		
	Frequency(MHz)/Flux(sfu): 2695/35 4995/80 8800/29		
HXRBS	00:19:00	00:19:46	00:20:53
HXRBS	00:34:39	00:34:50	00:35:13
	Associated		
	Qual=03		
	Peak...c/s=44		
	Associated		
	Qual=01		
	Peak...c/s=42		



Event # = 11100	DOY=109	S05W26	SMM Pointing:	Pitch=+0", Yaw=-423", Roll=0deg	H. Ang=26deg
89/04/19,05:40	Peak				
Optical	End times				
GOES	05:35	S21W38	Ha...Class=SF	Mac.=EKI	H. Ang=40deg
HXRBS	05:36:37	Qual=03	Importance=C4	Carr. Lon.=159deg	
BCS	05:37	Qual=01	Peak...c/s=52		
FCS	05:37	Qual=1	CaPeak.c/s=38		
UVSP	04:57	Code=00	Wavelength=2788A	#Peaks=1	XEN=911000
				dt= 7.7s	
				Step=0"	Cad=1.02s
				Step=1"	Pitch=+7", Yaw=-366"
89/04/20 DOY=110					
Event # = 11123	DOY=110	S20W53	SMM Pointing:	Pitch=+503", Yaw=-577", Roll=-20deg	H. Ang=53deg
89/04/20,12:26	Peak				
Optical	End times				
GOES	12:19:13	S21W57	Ha...Class=SF	Carr. Lon.=162deg	H. Ang=57deg
HXRBS	12:20	Qual=01	Peak...c/s=45		
BCS	12:20	Qual=1	CaPeak.c/s=41		
FCS	12:41		Wavelength=2788A	#Peaks=1	XEN=911000
UVSP	14:15/120 2695/41	Exp #=87681	1415/120 2695/41	dt= 7.7s	
Radio	Frequency(MHz)/Flux(sfu):	8800/20 15400/23		Step=0"	Cad=1.02s
				Step=0"	Pitch=+387", Yaw=-400"
89/04/20 DOY=110					
Event # = 11860	DOY=110	S20W54	SMM Pointing:	Pitch=+509", Yaw=-588", Roll=-20deg	H. Ang=54deg
89/04/20,14:14	Peak				
Optical	End times				
GOES	14:03	N09W23	Ha...Class=SF	Mac.=FKO	H. Ang=27deg
HXRBS	14:11:17	Qual=01	Importance=C4		
UVSP	14:15	Qual=01	Peak...c/s=55	Flags=1	
		Code=02	Wavelength=2788A	Step=0"	Pitch=+390", Yaw=-407"
89/04/20 DOY=110					
Event # = 11861	DOY=110	S20W54	SMM Pointing:	Pitch=+509", Yaw=-588", Roll=-20deg	H. Ang=54deg
89/04/20,15:17	Peak				
Optical	End times				
GOES	15:11	S21W55	Ha...Class=SF	Mac.=EKI	H. Ang=56deg
HXRBS	15:12:19	Qual=01	Importance=C3		
BCS	15:12	Qual=1	Peak...c/s=44	Flags=1	XEN=911001
FCS	15:16	Qual=1	CaPeak.c/s=80	dt= 3.8s	
UVSP	14:50	Code=01	Wavelength=2788A	Step=15"	Cad= 262s
				Step=0"	Pitch=+392", Yaw=-409"
89/04/20 DOY=110					
Event # = 11124	DOY=110	S20W57	SMM Pointing:	Pitch=+520", Yaw=-609", Roll=-20deg	H. Ang=57deg
89/04/20,19:55	Peak				
Optical	End times				
GOES	19:55:40	Qual=00	Peak...c/s=38	MaxkeV=102	Pitch=+402", Yaw=-429"
HXRBS	19:57:05	Qual=01	Wavelength=2788A	Rast=180"x1"	
UVSP	19:30				
89/04/20 DOY=110					
Event # = 22674	DOY=110	Qual=04	FePeak.c/s=15	#Peaks=1	XEN=911002
89/04/20,21:12	Peak	Qual=5	Rast=240"x240"	Step=15"	Cad= 262s
GOES	21:11			Step=0"	Pitch=+406", Yaw=-435"
BCS	21:12				
FCS	21:03				
UVSP	21:03				

89/04/21 DOY=111

Event # = 22675 DOY=111  
 89/04/21,05:45 Start Peak  
 GOES 05:43 05:51 End times  
 BCS 05:45 05:51 CaPeak.c/s=27 Qual=01  
 FCS 05:01 05:51 Wavelength=2788A Qual=1 FePeak=05:44  
 UVSP 05:01 05:51 FePeak.c/s=8 dt= 7.7s XEN=911100  
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel  
 Rast=243"x243" Pitch=3" Step=3" Pitch=+550",Yaw=-637"

Event # = 22676 DOY=111  
 89/04/21,07:01 Start Peak  
 Optical 06:53 07:01 End times  
 GOES 06:53 07:01 Ha...Class=SF S20W67 AR5449 Carr. Lon.=161deg H. Ang=67deg  
 BCS 06:55 07:00 Importance=C2 Qual=01  
 FCS 06:55 07:00 CaPeak.c/s=59 Qual=1 FePeak=07:00  
 UVSP 06:36 07:00 Wavelength=1375A Code=00 Exp #=87705  
 FePeak.c/s=15 dt= 3.8s XEN=911101  
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 Rast=70"x70" Step=5" Pitch=+560",Yaw=-659"

Event # = 11866 DOY=111  
 89/04/21,10:09 Start Peak  
 GOES 10:09:27 10:09:50 10:10:27 SMM Pointing: S20W65 Pitch=+552",Yaw=-666",Roll=-20deg H. Ang=65deg  
 HXRBS 10:09:27 10:09:50 10:10:27 Peak...c/s=39 Qual=00  
 UVSP 10:24 10:09:50 10:10:27 Wavelength=2788A Qual=01 Tot Cts=243  
 MaxkeV=102 Flags=I  
 Rast=180"x1" Step=0" Pitch=+432",Yaw=-483"

Event # = 11125 DOY=111  
 89/04/21,14:26 Start Peak  
 Optical 14:21 14:26 14:29 SMM Pointing: S05W00 Pitch=-1",Yaw=+0",Roll=-20deg H. Ang=0deg  
 GOES 14:21 14:26 14:29 Ha...Class=SF S22W67 AR5449 Carr. Lon.=157deg H. Ang=67deg  
 HXRBS 14:21:02 14:21:59 14:26:04 Importance=C5 Qual=01  
 UVSP 14:05 14:21:02 14:21:59 14:26:04 Peak...c/s=228 Qual=01 Tot Cts=6852  
 Radio Frequency(MHz)/Flux(sfu): 1415/190 2695/41 4995/46 8800/28 15400/29  
 MaxkeV=187  
 Rast=180"x1" Step=0" Pitch=+4",Yaw=+5"

Event # = 11127 DOY=111  
 89/04/21,23:52 Start Peak  
 Optical 23:47 23:52 23:59 SMM Pointing: S20W72 Pitch=+577",Yaw=-697",Roll=-20deg H. Ang=71deg  
 GOES 23:52:30 23:52:57 23:54:11 Ha...Class=SF N11W39 AR5451 Carr. Lon.=124deg H. Ang=42deg  
 HXRBS 23:52:30 23:52:57 23:54:11 Importance=C4 Qual=03  
 UVSP 23:41 23:52:30 23:52:57 23:54:11 Peak...c/s=51 Qual=01 Tot Cts=634  
 Radio Sweeps Wavelength=1375A Code=00 Exp #=87741  
 Radio Frequency(MHz)/Flux(sfu): 245/180 410/230 606/240 1415/100 2695/25 4995/19  
 Type/Intensity: III/I  
 HXRBS 23:48:59 23:49:28 23:50:17 Peak...c/s=45 Associated Event # = 11126  
 Qual=01 Tot Cts=417  
 MaxkeV=102

Event # = 11128 DOY=111  
 89/04/21,23:57 Start Peak  
 GOES 23:56:43 23:57:04 23:57:41 SMM Pointing: S20W72 Pitch=+577",Yaw=-697",Roll=-20deg H. Ang=71deg  
 HXRBS 23:56:43 23:57:04 23:57:41 Peak...c/s=86 Qual=00  
 UVSP 23:41 23:56:43 23:57:04 23:57:41 Wavelength=1375A Qual=01 Tot Cts=416  
 MaxkeV=144 Exp #=87741  
 Rast=70"x70" Step=5" Pitch=+580",Yaw=-716"

89/04/22 DOY=112

Event # = 11129 DOY=112 S20W72 H.Ang=71deg  
 89/04/22,01:11 Peak 01:11 dt= 7.7s XEN=911200  
 Start 01:11 dt= 7.7s XEN=911200  
 End times 01:15 dt= 7.7s XEN=911200  
 GOES 01:07 01:11 dt= 7.7s XEN=911200  
 HXRBS 01:07:36 01:08:04 01:08:31 dt= 7.7s XEN=911200  
 BCS 01:10 01:10 dt= 7.7s XEN=911200  
 FCS 01:10 01:10 dt= 7.7s XEN=911200  
 UVSP 00:58 dt= 7.7s XEN=911200  
 Radio Frequency(MHz)/Flux(sfu): 4995/13 8800/48 15400/55  
 SMM Pointing: S20W72  
 Importance=C2  
 Peak...c/s=200  
 CaPeak.c/s=24  
 Wavelength=2788A  
 Code=00  
 4995/13 8800/48 15400/55  
 #Peaks=1  
 Step=0  
 Step=0  
 Step=0  
 dt= 7.7s  
 Cad=1.02s  
 Pitch=+457", Yaw=-519"

Event # = 11130 DOY=112 S20W72 H.Ang=71deg  
 89/04/22,01:37 Peak 01:37 dt= 7.7s XEN=911200  
 Start 01:37 dt= 7.7s XEN=911200  
 End times 01:40 dt= 7.7s XEN=911200  
 GOES 01:32 01:37 dt= 7.7s XEN=911200  
 HXRBS 01:33:03 01:33:18 01:34:45 dt= 7.7s XEN=911200  
 UVSP 01:54 dt= 7.7s XEN=911200  
 Radio Frequency(MHz)/Flux(sfu): 245/54 410/62 606/55 1415/19 2695/29 4995/34 8800/19  
 SMM Pointing: S20W72  
 Importance=C5  
 Peak...c/s=63  
 Wavelength=2788A  
 Code=00  
 245/54 410/62 606/55 1415/19 2695/29 4995/34 8800/19  
 #Peaks=1  
 Step=0  
 Step=0  
 Step=0  
 dt= 7.7s  
 Cad=1.02s  
 Pitch=+459", Yaw=-521"

Event # = 11131 DOY=112 S20W74 H.Ang=73deg  
 89/04/22,01:47 Peak 01:47 dt= 7.7s XEN=911200  
 Start 01:47 dt= 7.7s XEN=911200  
 End times 01:47:45 dt= 7.7s XEN=911200  
 GOES 01:47:12 01:47:20 01:47:45 dt= 7.7s XEN=911200  
 HXRBS 01:47:12 01:47:20 01:47:45 dt= 7.7s XEN=911200  
 UVSP 01:54 dt= 7.7s XEN=911200  
 Radio Frequency(MHz)/Flux(sfu): 245/54 410/62 606/55 1415/19 2695/29 4995/34 8800/19  
 SMM Pointing: S20W74  
 Importance=C4  
 Peak...c/s=42  
 Wavelength=2788A  
 Code=00  
 245/54 410/62 606/55 1415/19 2695/29 4995/34 8800/19  
 #Peaks=1  
 Step=0  
 Step=0  
 Step=0  
 dt= 7.7s  
 Cad=1.02s  
 Pitch=+459", Yaw=-521"

Event # = 11133 DOY=112 S20W74 H.Ang=73deg  
 89/04/22,02:52 Peak 02:52 dt= 7.7s XEN=911200  
 Start 02:47 dt= 7.7s XEN=911200  
 End times 02:55 dt= 7.7s XEN=911200  
 GOES 02:47 02:52 dt= 7.7s XEN=911200  
 HXRBS 02:48:09 02:48:41 02:50:38 dt= 7.7s XEN=911200  
 UVSP 03:28 dt= 7.7s XEN=911200  
 Radio Frequency(MHz)/Flux(sfu): 606/72 1415/21 2695/16 4995/28 8800/93 15400/130  
 SMM Pointing: S20W74  
 Importance=C4  
 Peak...c/s=852  
 Wavelength=2788A  
 Code=00  
 606/72 1415/21 2695/16 4995/28 8800/93 15400/130  
 #Peaks=1  
 Step=0  
 Step=0  
 Step=0  
 dt= 7.7s  
 Cad=1.02s  
 Pitch=+461", Yaw=-524"

Event # = 11134 DOY=112 S20W74 H.Ang=73deg  
 89/04/22,03:36 Peak 03:36 dt= 7.7s XEN=911200  
 Start 03:30 dt= 7.7s XEN=911200  
 End times 03:50 dt= 7.7s XEN=911200  
 GOES 03:30 03:36 dt= 7.7s XEN=911200  
 HXRBS 03:30:44 03:32:07 03:35:02 dt= 7.7s XEN=911200  
 UVSP 03:28 dt= 7.7s XEN=911200  
 Radio Sweeps Type/Intensity: 111/1 V/1  
 Radio Frequency(MHz)/Flux(sfu): 245/410 410/55 606/63 1415/26 2695/53 4995/82 8800/39 15400/14  
 SMM Pointing: S20W74  
 Ha...Class=SN  
 Importance=M1  
 Peak...c/s=245  
 Wavelength=2788A  
 Code=00  
 245/410 410/55 606/63 1415/26 2695/53 4995/82 8800/39 15400/14  
 #Peaks=1  
 Step=0  
 Step=0  
 Step=0  
 dt= 7.7s  
 Cad=1.02s  
 Pitch=+461", Yaw=-524"

Event # = 22678 DOY=112 S20W74 H.Ang=73deg  
 89/04/22,04:15 Peak 04:15 dt= 7.7s XEN=911200  
 Start 04:15 dt= 7.7s XEN=911200  
 End times 05:04 dt= 7.7s XEN=911200  
 GOES 04:15 04:15 dt= 7.7s XEN=911200  
 BCS 04:15 04:15 dt= 7.7s XEN=911200  
 FCS 04:15 04:15 dt= 7.7s XEN=911200  
 UVSP 05:00 dt= 7.7s XEN=911200  
 Radio Frequency(MHz)/Flux(sfu): 245/410 410/55 606/63 1415/26 2695/53 4995/82 8800/39 15400/14  
 SMM Pointing: S20W74  
 Ha...Class=SN  
 Importance=M1  
 Peak...c/s=245  
 Wavelength=2788A  
 Code=00  
 245/410 410/55 606/63 1415/26 2695/53 4995/82 8800/39 15400/14  
 #Peaks=1  
 Step=0  
 Step=0  
 Step=0  
 dt= 7.7s  
 Cad=1.02s  
 Pitch=+463", Yaw=-527"

Event # = 11135		89/04/22, 05:49		DOY=112		SMM Pointing:		S20W74		Pitch=+579", Yaw=-707", Roll=-20deg		H. Ang=73deg	
Optical		Start		Peak		Ha...Class=IN		N12W40		Mac.=FHI		Carr. Lon.=122deg	
Optical		05:44		05:49		Ha...Class=IN		S71W43		MaxkeV=102		H. Ang=43deg	
GOES		05:52:20		05:52:53		Importance=C6		Qual=05		Rast=180"x1"		H. Ang=71deg	
HXRBS		05:00		05:53:08		Peak...c/s=67		Qual=01		Step=0"		Pitch=+463", Yaw=-527"	
UVSP		05:00		05:53:08		Wavelength=2788A		Code=00					
Radio Sweeps				Type/Intensity:		III/1 V/3							
Event # = 11136		89/04/22, 09:21		DOY=112		SMM Pointing:		S20W76		Pitch=+585", Yaw=-718", Roll=-20deg		H. Ang=76deg	
GOES		Start		Peak		Peak...c/s=50		Qual=01		MaxkeV=102			
HXRBS		09:20:55		09:21:41		Wavelength=2788A		Qual=01		Rast=180"x1"			
UVSP		08:07		09:21:56		III/2 V/3				Step=0"		Pitch=+467", Yaw=-532"	
Radio Sweeps				Type/Intensity:		245/110							
Radio Frequency (MHz)/Flux(sfu):													
Event # = 11137		89/04/22, 12:32		DOY=112		SMM Pointing:		S05W00		Pitch=+0", Yaw=+0", Roll=-20deg		H. Ang=0deg	
Optical		Start		Peak		Ha...Class=SF		N30E37		Mac.=HAX		Carr. Lon.=41deg	
GOES		12:29		12:32		Importance=C3		Qual=01		MaxkeV=144		H. Ang=50deg	
HXRBS		12:30:38		12:30:49		Peak...c/s=97		Qual=01		Rast=180"x1"			
UVSP		12:47		12:31:01		Wavelength=2788A				Step=0"		Pitch=+4", Yaw=+5"	
Event # = 11138		89/04/22, 14:23		DOY=112		SMM Pointing:		S05W00		Pitch=+0", Yaw=+0", Roll=-20deg		H. Ang=0deg	
Optical		Start		Peak		Peak...c/s=60		Qual=00		MaxkeV=102			
GOES		14:23:42		14:23:59		Wavelength=2788A		Qual=01		Rast=180"x1"			
HXRBS		14:22		14:24:28						Step=0"		Pitch=+4", Yaw=+5"	
UVSP		14:22		14:24:28									
Event # = 11139		89/04/22, 20:22		DOY=112		SMM Pointing:		S20W87		Pitch=+612", Yaw=-731", Roll=-20deg		H. Ang=86deg	
Optical		Start		Peak		Ha...Class=SF		N13W47		Mac.=FHI		Carr. Lon.=121deg	
GOES		20:21:51		20:22:07		Peak...c/s=54		Qual=01		MaxkeV=144		H. Ang=50deg	
HXRBS		20:31		20:22:46		Wavelength=2788A		Qual=01		Rast=180"x1"			
UVSP		20:31		20:22:46		245/550 2695/3				Step=0"		Pitch=+491", Yaw=-547"	
Radio Frequency (MHz)/Flux(sfu):													
Event # = 11140		89/04/22, 21:59		DOY=112		SMM Pointing:		S20W87		Pitch=+612", Yaw=-731", Roll=-20deg		H. Ang=86deg	
GOES		Start		Peak		Peak...c/s=48		Qual=00		MaxkeV=144			
HXRBS		21:59:08		21:59:29		Wavelength=2788A		Qual=01		Rast=180"x1"			
UVSP		22:05		21:59:51						Step=0"		Pitch=+491", Yaw=-547"	

89/04/23 DOY=113

Event # = 11141  
 89/04/23,05:30 DOY=113  
 Start Peak  
 GOES 05:24 05:30 05:37 End times  
 HXRBS 05:24:09 05:24:34 05:25:22 Importance=C2  
 UVSP 05:24 Peak...c/s=78  
 Wavelength=1375A Code=00  
 Associated  
 Qual=01  
 Tot Cts=1195 MaxkeV=231  
 Exp #=87783 Rast=110"x200" Step=5" Pitch=+641" ,Yaw=-747"  
 Event # = 11142  
 Tot Cts=168 MaxkeV=102

Event # = 11143  
 89/04/23,12:48 DOY=113  
 Start Peak  
 GOES 12:47:20 12:48:14 12:48:44 End times  
 HXRBS 12:36 Peak...c/s=44  
 UVSP 12:36 Wavelength=2788A  
 Qual=00  
 Tot Cts=333 MaxkeV=102  
 Exp #=87799 Rast=180"x1" Step=0" Pitch=+491" ,Yaw=-547"

Event # = 22679  
 89/04/23,16:36 DOY=113  
 Start Peak  
 Optical  
 GOES 15:55 16:36 16:48 End times  
 BCS Ha...Class=SF N11W64 AR5451 Carr. Lon.=127deg H. Ang=66deg  
 FCS CaPeak.c/s=33 Qual=6 FePeak=16:16 #Peaks=1 dt= 7.7s XEN=911300  
 UVSP 16:40 Wavelength=2788A Exp #=87804 Rast=180"x1" Step=0" Pitch=+240" ,Yaw=-686"

Event # = 22680  
 89/04/23,17:49 DOY=113  
 Start Peak  
 Optical  
 GOES 17:26 17:49 18:20 End times  
 BCS Ha...Class=SF N11W64 AR5451 Carr. Lon.=126deg H. Ang=66deg  
 FCS CaPeak.c/s=22 Qual=6 FePeak=18:09 #Peaks=1 dt= 7.7s XEN=911301  
 UVSP 18:14 Wavelength=2788A Exp #=87806 Rast=180"x1" Step=0" Pitch=+243" ,Yaw=-946"

89/04/24 DOY=114

Event # = 11144  
 89/04/24,00:01 DOY=114  
 Start Peak  
 GOES 00:00:51 00:01:10 00:05:35 End times  
 HXRBS 23:41 Peak...c/s=57 SMM Pointing: N14E86 Pitch=-533" ,Yaw=+792" ,Roll=-20deg  
 UVSP 23:41 Wavelength=2788A Qual=01 Tot Cts=2882 MaxkeV=102  
 Radio Frequency(MHz)/Flux(sfu): 245/51 Exp #=87827 Rast=243"x243" Step=3" Pitch=-526" ,Yaw=+805"

Event # = 11145  
 89/04/24,03:39 DOY=114  
 Start Peak  
 Optical  
 GOES 03:35 03:39 03:49 End times  
 HXRBS 03:36:10 03:37:37 03:38:42 SMM Pointing: N14E86 Pitch=-533" ,Yaw=+792" ,Roll=-20deg  
 UVSP 03:31 Wavelength=2788A Code=00 Qual=01 Tot Cts=2288 MaxkeV=144  
 Exp #=87831 Rast=180"x1" Step=0" Pitch=-399" ,Yaw=+722"

Event # = 22681		DOY=114		End times													
89/04/24,05:10	Start	05:10	Peak	05:12	End times	Qual=00	CaPeak.c/s=24	Wavelength=2788A	FePeak=05:10	Exp #=87833	FePeak.c/s=6	Rast=0"x0"	Rast=180"x1"	#Peaks=1	dt= 7.7s	XEN=911400	
GOES																	
BGS																	
FCS																	
UVSP																	
Event # = 11154		DOY=114		End times													
89/04/24,06:25	Start	06:25	Peak	06:31	End times	N14E86	SMM Pointing:		AR5451		Mac.=FKI			Carr. Lon.=123deg	H. Ang=87deg		
Optical																	
GOES																	
HXRBS																	
UVSP																	
Event # = 11146		DOY=114		End times													
89/04/24,08:10	Start	08:10:39	Peak	08:11:12	End times	Qual=00	Peak...c/s=56	Wavelength=2788A	Tot Cts=205	Exp #=87836	MaxkeV=102	Rast=180"x1"		Step=0"	Pitch=-399"	Yaw=+722"	
GOES																	
HXRBS																	
UVSP																	
Event # = 11147		DOY=114		End times													
89/04/24,09:18	Start	09:17:40	Peak	09:19:06	End times	Qual=01	Peak...c/s=42	Wavelength=2788A	Tot Cts=473	Exp #=87837	MaxkeV=102	Rast=180"x1"		Step=0"	Pitch=-399"	Yaw=+722"	
GOES																	
HXRBS																	
UVSP																	
Event # = 11155		DOY=114		End times													
89/04/24,14:10	Start	14:10:12	Peak	14:11:17	End times	Qual=00	Peak...c/s=40	Wavelength=2788A	Tot Cts=286	Exp #=87843	MaxkeV=102	Rast=180"x1"		Step=0"	Pitch=-399"	Yaw=+721"	
GOES																	
HXRBS																	
UVSP																	
Event # = 11156		DOY=114		End times													
89/04/24,17:26	Start	17:25:32	Peak	17:26:42	End times	Qual=00	Peak...c/s=49	Wavelength=2788A	Tot Cts=371	Exp #=87847	MaxkeV=102	Rast=180"x1"		Step=0"	Pitch=-399"	Yaw=+721"	
GOES																	
HXRBS																	
UVSP																	
Event # = 11157		DOY=114		End times													
89/04/24,21:59	Start	21:58:53	Peak	21:59:23	End times	S21W17	SMM Pointing:		Tot Cts=217	Exp #=87859	MaxkeV=102	Rast=70"x70"		Step=5"	Pitch=+331"	Yaw=-151"	
GOES																	
HXRBS																	
UVSP																	

89/04/25		DOY=115	
Event # = 11165	DOY=115	SMM Pointing:	Pitch=+411", Yaw=-317", Roll=-20deg
89/04/25, 21:08	Peak	S21W29	H. Ang=33deg
Optical	End times	Ha...Class=SN	Mac.=DHO Carr. Lon.=66deg
G0ES 21:05	21:11	S18W32	H. Ang=34deg
HXRBS 21:07:44	21:08	Qual=01	
UVSP 21:07	21:07:54	Importance=C5	
	21:08:32	Peak...c/s=68	
		Wavelength=1375A	
		Code=00	
		Tot Cts=542	
		Exp #=87906	
		Step=0" Pitch=+401", Yaw=-365"	
Event # = 11166	DOY=115	SMM Pointing:	Pitch=+415", Yaw=-328", Roll=-20deg
89/04/25, 22:31	Peak	S21W30	H. Ang=34deg
Optical	End times	Qual=01	
G0ES 22:29:06	22:31:53	Qual=01	
HXRBS 22:14	22:31:53	Peak...c/s=53	
UVSP 22:14	22:42:59	Wavelength=1375A	
		Tot Cts=3992	
		Exp #=87910	
		Step=5" Pitch=+404", Yaw=-378"	
Event # = 11167	DOY=116	SMM Pointing:	Pitch=+428", Yaw=-360", Roll=-20deg
89/04/26, 03:02	Peak	S21W33	H. Ang=36deg
Optical	End times	Ha...Class=SF	Mac.=CSO Carr. Lon.=320deg
G0ES 02:59	03:02	S21E70	H. Ang=70deg
HXRBS 02:59:16	03:04	Qual=01	
UVSP 02:37	02:59:25	Importance=C2	
	02:59:40	Peak...c/s=70	
		Wavelength=2788A	
		Code=01	
		Tot Cts=313	
		Exp #=87914	
		Step=0" Pitch=+307", Yaw=-173"	
Event # = 11171	DOY=116	SMM Pointing:	Pitch=+0", Yaw=+0", Roll=0deg
89/04/26, 14:28	Peak	S05W00	H. Ang=0deg
Optical	End times	Qual=00	
G0ES 14:28:20	14:28:34	Qual=01	
HXRBS 14:26	14:28:30	Peak...c/s=36	
UVSP 14:26	14:28:34	Wavelength=2788A	
		Tot Cts=89	
		Exp #=87929	
		Step=0" Pitch=-4", Yaw=+0"	
Event # = 11173	DOY=116	SMM Pointing:	Pitch=+513", Yaw=-472", Roll=-20deg
89/04/26, 21:56	Peak	S23W45	H. Ang=47deg
Optical	End times	S19W45	Mac.=EHI Carr. Lon.=65deg
G0ES 21:56:40	21:56:54	Qual=01	H. Ang=46deg
HXRBS 21:54	21:56:43	Qual=01	
UVSP 21:54	21:56:54	Peak...c/s=42	
		Wavelength=1375A	
		Tot Cts=54	
		Exp #=87948	
		Step=0" Pitch=+466", Yaw=-523"	
Event # = 11172	DOY=116	SMM Pointing:	Pitch=+518", Yaw=-482", Roll=-20deg
89/04/26, 23:06	Peak	S23W46	H. Ang=48deg
Optical	End times	S19W47	Mac.=EHI Carr. Lon.=66deg
G0ES 23:02	23:10	Qual=01	H. Ang=48deg
HXRBS 23:03:03	23:06	Importance=C2	
BCS 23:04	23:03:30	Peak...c/s=56	
FCS 23:03	23:05	CaPeak.c/s=66	
UVSP 23:03	23:11	Wavelength=1375A	
		Code=00	
		Tot Cts=560	
		Exp #=87952	
		Step=5" Pitch=+469", Yaw=-529"	
		dt= 3.8s	
		XEN=911600	
		Cad= 262s	
		Step=15"	
		Step=5"	

89/04/27 DOY=117

Event # = 11174  
 89/04/27, 01:10 DOY=117 Peak  
 S23W47 SMM Pointing: Pitch=+523", Yaw=-493", Roll=-20deg H. Ang=49deg  
 Optical  
 GOES 01:01 01:10 01:14 End times Mac.=EKI Carr. Lon.=311deg H. Ang=67deg  
 HXRBS 01:03:49 01:04:02 01:04:10 Wave length=2788A Code=02 Tot Cts=93 MaxkeV=102  
 UVSP 01:18 01:18 01:18 Exp #=87954 Rast=180"x1" Step=0" Pitch=+404", Yaw=-312"

Event # = 11175  
 89/04/27, 06:53 DOY=117 Peak  
 S23W50 SMM Pointing: Pitch=+538", Yaw=-524", Roll=-20deg H. Ang=52deg  
 GOES 06:49 06:53 06:56 End times MaxkeV=102  
 HXRBS 06:50:48 06:51:04 06:51:21 Wave length=2788A Code=01 Tot Cts=331 Rast=180"x1" Step=0" Pitch=+416", Yaw=-338"  
 UVSP 06:31 06:31 06:31 Exp #=87961

Event # = 22682  
 89/04/27, 16:25 DOY=117 Peak  
 AR5454 S21W56 Ha...Class=SF Mac.=EHI Carr. Lon.=66deg H. Ang=57deg  
 Optical  
 GOES 16:25 16:25 16:30 End times Qual=00 FePeak.c/s=13 #Peaks=1 dt= 7.7s XEN=911700  
 BCS 16:25 16:25 16:30 CaPeak.c/s=21 Qual= 4 FePeak=16:25 Rast=0"x0" Cad=1.02s XEN=911700  
 FCS 16:47 16:47 16:47 Wave length=2788A Exp #=87965 Rast=180"x1" Pitch=+440", Yaw=-383"  
 UVSP 16:47 16:47 16:47

Event # = 22683  
 89/04/27, 19:05 DOY=117 Peak  
 AR5454 S19W57 Ha...Class=SF Mac.=EHI Carr. Lon.=65deg H. Ang=57deg  
 Optical  
 GOES 18:59 19:05 19:14 End times Qual=01 FePeak.c/s=9 #Peaks=1 dt= 7.7s XEN=911701  
 BCS 19:05 19:05 19:11 CaPeak.c/s=31 Qual= 5 FePeak=19:05 Rast=0"x0" Cad=1.02s XEN=911701  
 FCS 19:07 19:07 19:07 Wave length=1375A Code=02 Exp #=87967 Rast=265"x265" Pitch=+573", Yaw=-565"  
 UVSP 19:07 19:07 19:07

Event # = 22684  
 89/04/27, 21:05 DOY=117 Peak  
 AR5454 S20W65 Ha...Class=SF Mac.=EHI Carr. Lon.=62deg H. Ang=65deg  
 Optical  
 GOES 21:01 21:05 21:22 End times Qual=00 FePeak.c/s=15 #Peaks=1 dt= 7.7s XEN=911702  
 BCS 21:04 21:05 21:13 CaPeak.c/s=38 Qual= 1 FePeak=21:05 Rast=0"x0" Cad=1.02s XEN=911702  
 FCS 21:04 21:05 21:13 Wave length=1375A Code=00 Exp #=87978 Rast=30"x30" Pitch=+538", Yaw=-628"  
 UVSP 20:43 20:43 20:43

89/04/28 DOY=118

Event # = 22685  
 89/04/28, 15:29 DOY=118 Peak  
 AR5454 S20W65 Ha...Class=SF Mac.=EHI Carr. Lon.=62deg H. Ang=65deg  
 Optical  
 GOES 15:14 15:29 16:09 End times Qual=00 FePeak.c/s=19 #Peaks=1 dt= 7.7s XEN=911800  
 BCS 15:14 15:29 16:09 CaPeak.c/s=98 Qual= 1 FePeak=15:28 Rast=180"x180" Cad= 332s XEN=911800  
 FCS 15:04 15:04 15:04 Wave length=2788A Exp #=88005 Rast=180"x1" Pitch=+482", Yaw=-460"  
 UVSP 15:04 15:04 15:04



Event # = 22686	DOY=118	End times	Qual=00	FePeak=17:09	#Peaks=1	dt= 7.7s	XEN=911801
89/04/28, 17:24	Peak		Qual= 2	Exp #=88007	Step=0"	Cad=1.02s	1.024s/pixel
GOES	16:50	17:24	CaPeak.c/s=34	Wavelength=2788A	Rast=180"x1"	Pitch=+484"	Yaw=-465"
BCS	16:38						
FCS							
UVSP							
89/04/29 DOY=119							
Event # = 22687	DOY=119	End times	Qual=03	FePeak=01:16	#Peaks=1	dt= 3.8s	XEN=911900
89/04/29, 01:20	Peak		Qual= 1	Exp #=88013	Step=15"	Cad= 262s	1.024s/pixel
GOES	01:12	01:36	Importance=C4		Step=0"	Pitch=+497"	Yaw=-485"
BCS	01:12	01:26	CaPeak.c/s=99				
FCS			Wavelength=2788A	Code=02			
UVSP	01:20						
89/04/29 DOY=119							
Event # = 22688	DOY=119	End times	Qual=01	FePeak=10:12	#Peaks=1	dt= 7.7s	XEN=911901
89/04/29, 10:17	Peak		Qual= 1	Exp #=88025	Step=0"	Cad=1.02s	1.024s/pixel
GOES	10:12	10:26	CaPeak.c/s=33		Step=0"	Pitch=+509"	Yaw=-500"
BCS			Wavelength=2788A				
FCS							
UVSP	10:38						
89/04/30 DOY=120							
Event # = 22689	DOY=120	End times	Qual=00	FePeak=04:28	#Peaks=1	dt= 7.7s	XEN=912000
89/04/30, 04:27	Peak		Qual= 4	Exp #=88053	Step=0"	Cad=1.02s	1.024s/pixel
GOES	04:25	04:38	CaPeak.c/s=22		Step=0"	Pitch=+15"	Yaw=+272"
BCS	04:25	04:30	Peak3.c/s=11				
FCS			Wavelength=2788A				
UVSP	04:15						
89/04/30 DOY=120							
Event # = 11185	DOY=120	End times	S19E17	Pitch=+140", Yaw=+329", Roll=-20deg	H. Ang=22deg		
89/04/30, 06:09	Peak		Qual=00				
GOES	06:09:45	06:09:55	SMM Pointing:				
HXRBS	05:49	06:10:08	Qual=01				
UVSP			Qual=01	Tot Cts=665	Step=0"	Pitch=+19"	Yaw=+260"
Radio	Frequency(MHz)/Flux(sfu):	4995/59		Exp #=88055			
89/04/30, 23:11 DOY=120							
Event # = 22690	DOY=120	End times	S22E11	AR5464	Carr. Lon.=316deg	H. Ang=21deg	
89/04/30, 23:11	Peak		Qual=00	FePeak=23:11	#Peaks=1	dt= 7.7s	XEN=912001
Optical			Qual= 4	Exp #=88073	Step=0"	Cad=1.02s	1.024s/pixel
GOES	23:11	23:14	Ha...Class=SF		Step=0"	Pitch=+67"	Yaw=+126"
BCS			CaPeak.c/s=19				
FCS			Wavelength=2788A				
UVSP	22:51						

89/05/01 DOY=121

Event # = 11186  
 89/05/01,01:14 DOY=121 Peak  
 Start End times  
 Optical SMM Pointing: S19E07 Pitch=+189",Yaw=+184",Roll=-20deg H.Ang=16deg  
 GOES 00:54 01:14 02:11 N28E60 Mac.=DAO Carr.Lon.=265deg H.Ang=66deg  
 HXRBS 00:54:46 00:59:20 01:28:58 Qual=03 Peak...c/s=837 Tot Cts=2.78E+5 MaxkeV=275  
 UVSP 01:22 01:22 01:22 Wavelength=2788A Code=02 Exp #=88075 Rast=180"x1" Flags=M5,EN  
 Radio Sweeps Type/Intensity: III/2 Step=0" Pitch=+74",Yaw=+106"  
 Radio Frequency(MHz)/Flux(sfu): 410/20 1415/120 2695/170 4995/320 8800/380 15400/370

Event # = 11187  
 89/05/01,02:15 DOY=121 Peak  
 Start End times  
 Optical SMM Pointing: S19E06 Pitch=+196",Yaw=+173",Roll=-20deg H.Ang=16deg  
 GOES 02:15:50 02:15:54 02:16:19 Qual=00  
 HXRBS 01:58 01:58 01:58 Peak...c/s=46 Qual=01 MaxkeV=102  
 UVSP 01:58 01:58 01:58 Wavelength=2788A Exp #=88076 Rast=180"x1" Step=0" Pitch=+76",Yaw=+101"

Event # = 11188  
 89/05/01,10:46 DOY=121 Peak  
 Start End times  
 Optical SMM Pointing: S19E02 Pitch=+218",Yaw=+110",Roll=-20deg H.Ang=15deg  
 GOES 10:42 10:46 10:48 S18E05 Mac.=FHI Carr.Lon.=315deg H.Ang=15deg  
 HXRBS 10:43:00 10:43:31 10:44:03 Qual=01 Peak...c/s=529 Tot Cts=3517  
 UVSP 10:40 10:40 10:40 Wavelength=2788A Code=00 Exp #=88087 MaxkeV=231  
 Rast=180"x1" Step=0" Pitch=+101",Yaw=+31"

Event # = 11189  
 89/05/01,13:18 DOY=121 Peak  
 Start End times  
 Optical SMM Pointing: S19W00 Pitch=+230",Yaw=+79",Roll=-20deg H.Ang=15deg  
 GOES 13:10 13:18 13:22 N29E56 Mac.=DAO Carr.Lon.=263deg H.Ang=63deg  
 HXRBS 13:17:14 13:17:39 13:17:56 Qual=01 Peak...c/s=46 Tot Cts=282  
 UVSP 13:46 13:46 13:46 Wavelength=2788A Exp #=88091 MaxkeV=102  
 Rast=180"x1" Step=0" Pitch=+110",Yaw=+6"

Event # = 11190  
 89/05/01,15:36 DOY=121 Peak  
 Start End times  
 Optical SMM Pointing: S19W01 Pitch=+235",Yaw=+69",Roll=-20deg H.Ang=15deg  
 GOES 15:24 15:36 15:48 N29E52 Mac.=DAO Carr.Lon.=265deg H.Ang=60deg  
 HXRBS 15:20:56 15:21:24 15:23:30 Qual=02 Peak...c/s=97 Tot Cts=3806  
 UVSP 15:20 15:20 15:20 Wavelength=2788A Code=00 Exp #=88093 MaxkeV=231  
 Rast=180"x1" Step=0" Pitch=+116",Yaw=-6"

Event # = 11191  
 89/05/01,20:48 DOY=121 Peak  
 Start End times  
 Optical SMM Pointing: S19W04 Pitch=+253",Yaw=+21",Roll=-20deg H.Ang=15deg  
 GOES 20:45 20:48 20:59 N28E51 Mac.=DAO Carr.Lon.=264deg H.Ang=59deg  
 HXRBS 20:45:35 20:45:54 20:46:22 Qual=01 Peak...c/s=102 Tot Cts=947  
 UVSP 20:48 20:48 20:48 Wavelength=1375A Code=02 Exp #=88109 MaxkeV=102  
 Rast=30"x30" Step=5" Pitch=+237",Yaw=+96"

Event # = 11192  
 89/05/01,21:27 DOY=121 Peak Start End times  
 SMM Pointing: S19W04 Pitch=+253", Yaw=+21", Roll=-20deg H.Ang=15deg  
 Ha...Class=SF AR5470 Carr. Lon.=265deg H.Ang=57deg  
 Importance=C6 Qual=01  
 GOES 21:08 21:27 21:36 MaxkeV=102  
 HXRBS 21:08:41 21:09:35 21:10:57 Rast=30"x30" Step=5 Pitch=+238", Yaw=+94"  
 UVSP 21:09 Code=00 Exp #=88111

89/05/02 DOY=122

Event # = 11193  
 89/05/02,06:19 DOY=122 Peak Start End times  
 SMM Pointing: S19W09 Pitch=+281", Yaw=-53", Roll=-20deg H.Ang=17deg  
 Importance=C3 Qual=01  
 GOES 06:16 06:19 06:24  
 HXRBS 06:15:38 06:16:23 06:16:59 MaxkeV=102  
 UVSP 05:50 Wavelength=2788A Rast=180"x1" Step=0 Pitch=+159", Yaw=-122"

Event # = 11195  
 89/05/02,07:59 DOY=122 Peak Start End times  
 SMM Pointing: S19W10 Pitch=+285", Yaw=-65", Roll=-20deg H.Ang=18deg  
 Ha...Class=1F S10E70 Carr. Lon.=238deg H.Ang=70deg  
 Importance=C4 Qual=01  
 GOES 07:50 07:59 08:07 MaxkeV=102  
 HXRBS 07:53:29 07:54:15 07:54:24 Rast=180"x1" Step=0 Pitch=+167", Yaw=-142"  
 UVSP 08:22 Wavelength=2788A Exp #=88132  
 Associated Event # = 11194  
 HXRBS 07:51:26 07:52:03 07:52:29 Peak...c/s=39  
 UVSP 07:24 Wavelength=2788A Tot Cts=225  
 Exp #=88131 Tot Cts=213  
 Exp #=88131

Event # = 11196  
 89/05/02,14:10 DOY=122 Peak Start End times  
 SMM Pointing: N29E40 Pitch=-657", Yaw=+330", Roll=-20deg H.Ang=50deg  
 Ha...Class=1N N30E43 Carr. Lon.=262deg H.Ang=53deg  
 Importance=C7 Qual=03  
 GOES 13:59 14:10 14:32 MaxkeV=144 #Peaks=1 dt= 3.8s XEN=912200  
 HXRBS 14:00:37 14:02:36 14:05:32 Peak...c/s=141 Step=15 Cad= 262s 1.024s/pixel  
 BCS 14:00 14:08 14:40 CaPeak.c/s=361 Step=0"  
 FCS Wavelength=2788A Pitch=180"x1"  
 UVSP 14:33 Type/Intensity: 88140  
 Radio Sweeps Radio Frequency (MHz)/Flux(sfu): 245/140 4995/98 8800/55

Event # = 11197  
 89/05/02,14:38 DOY=122 Peak Start End times  
 SMM Pointing: N29E40 Pitch=-657", Yaw=+330", Roll=-20deg H.Ang=50deg  
 Ha...Class=SF S18W06 Carr. Lon.=311deg H.Ang=15deg  
 Qual=00  
 GOES 14:38:24 14:38:44 14:39:25 Peak...c/s=91 Step=0"  
 HXRBS 14:33 Wavelength=2788A MaxkeV=144  
 UVSP Radio Frequency (MHz)/Flux(sfu): 245/320 410/70 Rast=180"x1" Step=0"  
 Pitch=-522", Yaw=+255"

Event # = 22691  
 89/05/02,16:40 DOY=122 Peak Start End times  
 SMM Pointing: N27E38 Carr. Lon.=266deg H.Ang=48deg  
 Ha...Class=1N N27E38  
 Importance=M1 Qual=05  
 GOES 16:08 16:40 17:49 FePeak.c/s=75 #Peaks=1 dt= 3.8s XEN=912201  
 BCS 16:50 16:51 17:22 CaPeak.c/s=480 Step=15" Cad= 262s 1.024s/pixel  
 FCS Wavelength=2788A Step=3" Pitch=-645", Yaw=+325"  
 UVSP 16:54 Exp #=88143

Event # = 22692		89/05/02, 18:24		DOY=122				
Start	18:24	Peak	18:24	18:39	18:24	18:39	18:24	18:39
GOES					CaPeak.c/s=27	Qual=00	FePeak=18:24	FePeak.c/s=6
BCS					Wave length=1375A	Qual=5	Exp #=88144	Rast=0"x0"
FCS								Rast=265"x265"
UVSP								Pitch=5"
								dt= 7.7s XEN=912302
								Cad=1.02s 1.024s/pixel
								Pitch=-642", Yaw=+316"
Event # = 11198		89/05/02, 19:05		DOY=122				
Start	19:05	Peak	19:05	20:25	19:05	20:25	19:05	20:25
Optical					SMM Pointing:	N29E37		Pitch=-648", Yaw=+300", Roll=-20deg
GOES					Ha...Class=2N	S21W12		Mac. = FHO
HXRBS					Importance=M3	Qual=02	AR5464	Carr. Lon.=314deg
UVSP					Peak...c/s=60	Qual=03	Tot Cts=7274	Flags=ES
Radio Sweeps					Wave length=1375A	Code=00	Exp #=88150	Step=0"
Radio					Type/Intensity:	III/2		Pitch=-689", Yaw=+326"
					Frequency(MHz)/Flux(sfu):	245/560 410/140 606/39 1415/210 2695/110 4995/80		
Event # = 11199		89/05/02, 20:02		DOY=122				
Start	20:02	Peak	20:02	20:03:00	20:02:50	20:03:00	20:02:50	20:03:00
Optical					SMM Pointing:	N29E37		Pitch=-648", Yaw=+300", Roll=-20deg
GOES					Code=LPS			H. Ang=48deg
HXRBS					Peak...c/s=107	Qual=00	Tot Cts=426	MaxkeV=144
UVSP					Wave length=1375A	Qual=01	Exp #=88155	Rast=10"x10"
Radio Sweeps					V/3			Step=0"
Radio					Type/Intensity:	V/3		Pitch=-687", Yaw=+324"
					Frequency(MHz)/Flux(sfu):	245/500 410/270 1415/160		
Event # = 11200		89/05/03, 03:58		DOY=123				
Start	03:58	Peak	03:58	04:55	03:58	04:55	03:58	04:55
Optical					SMM Pointing:	N29E32		Pitch=-635", Yaw=+254", Roll=-20deg
GOES					Ha...Class=3B	N27E32	AR5470	Mac. = EAI
HXRBS					Importance=SF	N21E33	AR5470	Carr. Lon.=265deg
GRS					Peak...c/s=12970	Qual=04	Tot Cts=3.30E+6	Flags=M5, SN
BCS					CaPeak.c/s=7808	Qual=1	FePeak=03:56	Dur=1260sec
FCS					Wave length=2788A	Code=01	Exp #=88177	XEN=912300
UVSP					Frequency(MHz)/Flux(sfu):	410/4300 606/9100 1415/650 2695/1100 4995/3600 8800/4800 15400/4100		Cad= 332s 1.024s/pixel
Radio					Associated Event # = 22693			Pitch=-498", Yaw=+178"
BCS					CaPeak.c/s=246	Qual=5	FePeak=04:36	FePeak.c/s=21
FCS					Wave length=2788A		Exp #=88178	XEN=912301
UVSP								Cad=3840s 3840s/pixel
								Pitch=-496", Yaw=+172"
Event # = 22694		89/05/03, 05:15		DOY=123				
Start	05:15	Peak	05:15	06:09	05:15	06:09	05:15	06:09
GOES					CaPeak.c/s=138	Qual=00	FePeak=05:15	FePeak.c/s=9
BCS					Wave length=2788A	Qual=5	Exp #=88179	Rast=240"x240"
FCS								Rast=180"x1"
UVSP								Pitch=0"
								dt= 3.8s XEN=912302
								Cad= 262s 1.024s/pixel
								Pitch=-495", Yaw=+168"

Event # = 11201	SMM Pointing:		N29E29			Pitch=-618", Yaw=+203", Roll=-20deg	H. Ang=43deg
89/05/03, 10:34	D0Y=123	End times					
Start	Peak						
GOES			Qual=00				
HXRBS	10:34:24	10:34:39	Peak...c/s=34	Tot Cts=80		Step=0"	Pitch=-484", Yaw=+133"
UVSP	10:41		Wavelength=2788A	Exp #=88186			
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Event # = 11202	SMM Pointing:		N29E29			Pitch=-618", Yaw=+203", Roll=-20deg	H. Ang=43deg
89/05/03, 11:35	D0Y=123	End times					
Start	Peak						
Optical							
GOES	11:22	11:40	Ha...Class=1F	AR5470			
HXRBS	11:27:28	11:29:15	Importance=C5				
BCS	11:25	11:55	Peak...c/s=55	Tot Cts=634			
FCS			CaPeak.c/s=186	FePeak=11:34			
UVSP	11:17		Wave length=2788A	Exp #=88187			
			Code=00	Event # = 11203			
			Associated				
			Peak...c/s=43	Tot Cts=92			
HXRBS	11:33:14	11:33:32					
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Event # = 22695	SMM Pointing:		N28E25				
89/05/03, 13:10	D0Y=123	End times					
Start	Peak						
Optical							
GOES	13:00	13:25	Ha...Class=SF	AR5470			
HXRBS	13:03	13:24	Importance=C3				
BCS			CaPeak.c/s=73	FePeak=13:08			
FCS							
UVSP	12:49		Wavelength=2788A	Code=01			
				Exp #=88189			
-----							
Event # = 11204	SMM Pointing:		N29E25				
89/05/03, 19:09	D0Y=123	End times					
Start	Peak						
Optical							
GOES	19:09:49	19:10:02	Ha...Class=SF	AR5464			
HXRBS	19:13		S22W26				
UVSP	19:13		Qual=01				
Radio Sweeps			Qual=01				
Radio			Peak...c/s=42	Tot Cts=87			
			Wavelength=1375A	Exp #=88205			
			I11/2				
			Type/Intensity:				
			Frequency(MHz)/Flux(sfu):				
-----							
Event # = 11205	SMM Pointing:		N29E25				
89/05/03, 19:48	D0Y=123	End times					
Start	Peak						
Optical							
GOES	19:29	20:55	Ha...Class=1N	AR5464			
HXRBS	19:27:44	19:35:35	Importance=M1				
UVSP	19:33		Peak...c/s=82				
Radio Sweeps			Wavelength=1375A	Tot Cts=13938			
Radio			Code=00	Exp #=88209			
			I11/3				
			Type/Intensity:				
			Frequency(MHz)/Flux(sfu):				

Event # = 11206																					
89/05/03, 21:04	D0Y=123	Peak																Pitch=-597", Yaw=+142", Roll=-20deg	H. Ang=40deg		
Optical			SMM Pointing:	N29E24														Mac.=EHO	Carr. Lon.=314deg	H. Ang=31deg	
GOES 20:57	21:04	21:37	Ha...Class=IN	S21W26	AR5464													MaxkeV=102			
HXRBS 20:52:06	20:56:27	21:00:37	Importance=M2	Qual=03	Tot Cts=6025													FePeak.c/s=143	#Peaks=1	dt= 7.7s	XEN=912305
BCS 20:54	21:03	21:24	CaPeak.c/s=90	Qual=01	FePeak=21:01													Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel
FCS			WaveLength=1375A	Code=00	Exp #=88216													Rast=10"x10"	Step=0"	Pitch=-630",	Yaw=+156"
UVSP 21:03																					
89/05/04 D0Y=124																					
Event # = 11207																					
89/05/04, 01:24	D0Y=124	Peak																		Pitch=-587", Yaw=+112", Roll=-20deg	H. Ang=39deg
Optical			SMM Pointing:	N29E22																	
GOES 01:23:41	01:24:18	01:24:41	Peak...c/s=41	Qual=00	Tot Cts=277													MaxkeV=102			
HXRBS 02:09			WaveLength=2788A	Qual=01	Exp #=88233													Rast=180"x1"	Step=0"	Pitch=-449",	Yaw=+30"
UVSP			III/2																		
Radio Sweeps	Type/Intensity:																				
89/05/04 D0Y=124																					
Event # = 11208																					
89/05/04, 03:37	D0Y=124	Peak																			
Optical			SMM Pointing:	N29E20																Pitch=-581", Yaw=+92", Roll=-20deg	H. Ang=38deg
GOES 03:31	03:37	03:51	Ha...Class=S8	S19W27	AR5464													Mac.=EKI	Carr. Lon.=311deg	H. Ang=30deg	
HXRBS 03:32:19	03:34:34	03:39:27	Importance=M1	Qual=03	Tot Cts=74394													MaxkeV=231	Flags=M5		
BCS 03:41			Peak...c/s=1320	Qual=01	Exp #=88235													Rast=180"x1"	Step=0"	Pitch=-445",	Yaw=+20"
UVSP			WaveLength=2788A	Code=02	8800/280																
Radio	Frequency (MHz)/Flux (sfu):		1415/15	2695/61	4995/130	8800/280															
89/05/04 D0Y=124																					
Event # = 22696																					
89/05/04, 04:57	D0Y=124	Peak																			
Optical			SMM Pointing:	N29E18																Pitch=-574", Yaw=+72", Roll=-20deg	H. Ang=37deg
GOES 04:45	04:57	05:24	CaPeak.c/s=36	Qual=00	FePeak=04:52													Mac.=EKI	Carr. Lon.=312deg	H. Ang=32deg	
BCS 05:52	05:59	06:04	Importance=C3	Qual=01	Tot Cts=3013													MaxkeV=187			
FCS 06:00	06:01	06:08	CaPeak.c/s=45	Qual=05	Exp #=88237													Rast=180"x1"	Step=0"	Pitch=-442",	Yaw=+9"
UVSP 05:50			WaveLength=2788A	Code=00																	
Radio	Frequency (MHz)/Flux (sfu):		245/25000	410/1600	606/510																
89/05/04 D0Y=124																					
Event # = 11209																					
89/05/04, 07:41	D0Y=124	Peak																			
Optical			SMM Pointing:	N29E18																	
GOES 07:38	07:41	07:43	Ha...Class=SF	S16W30	AR5464																
HXRBS 07:37:58	07:38:28	07:40:18	Importance=C6	Qual=01	Tot Cts=3013													MaxkeV=187			
BCS 07:24			Peak...c/s=132	Qual=00	Exp #=88240													Rast=180"x1"	Step=0"	Pitch=-436",	Yaw=-6"
UVSP			WaveLength=2788A	Code=01																	
Radio Sweeps	Type/Intensity:		IV/2																		
Radio	Frequency (MHz)/Flux (sfu):		245/25000	410/1600	606/510																
HXRBS 07:40:34	07:41:23	07:41:49	Peak...c/s=94	Qual=01	Tot Cts=669																
			Associated Event # = 11210																		
			Qual=01	Tot Cts=669	MaxkeV=144																

Event # = 11211  
89/05/04 08:24 Start DOY=124 Peak  
Optical  
GOES 08:17 08:24 08:35  
HXRBS 08:18:04 08:19:12 08:27:36  
GRS 08:19:00 08:24:00  
UVSP 08:20  
Radio Frequency(MHz)/Flux(sfu):  
SMM Pointing: N29E18 Pitch=-570",Yaw=+61",Roll=-20deg H.Ang=37deg  
Ha...Class=SN S19W31 AR5464 Carr.Lon.=313deg H.Ang=34deg  
Importance=M3 Qual=03  
Peak...c/s=2609 Qual=01 Tot Cts=1.63E+5 MaxkeV=419 Dur=300sec  
Wavelength=2788A Code=00 Exp #=88241 Rast=180"x1" Step=0" Pitch=-434",Yaw=-13"  
245/2200 410/710 606/32000 1415/160 2695/430 4995/8000 8800/1800 15400/2500

Event # = 11212  
89/05/04 09:06 Start DOY=124 Peak  
Optical  
GOES 09:06:36 09:06:47 09:07:10  
HXRBS 08:56  
UVSP 08:56  
SMM Pointing: N29E18 Pitch=-570",Yaw=+61",Roll=-20deg H.Ang=37deg  
Ha...Class=SF AR5470 Carr.Lon.=264deg H.Ang=37deg  
Peak...c/s=42 Qual=01  
Wavelength=2788A Exp #=88242 Step=0" Pitch=-433",Yaw=-17"

Event # = 11213  
89/05/04 09:24 Start DOY=124 Peak  
GOES 09:24:04 09:24:07 09:24:30  
HXRBS 08:56  
UVSP 08:56  
SMM Pointing: N29E17 Pitch=-567",Yaw=+51",Roll=-20deg H.Ang=37deg  
Qual=00  
Peak...c/s=47 Qual=01  
Wavelength=2788A Tot Cts=101  
245/250 410/110 Exp #=88242 Step=0" Pitch=-433",Yaw=-17"

Event # = 11214  
89/05/04 09:25 Start DOY=124 Peak  
GOES 09:25:29 09:25:39 09:25:57  
HXRBS 09:54  
UVSP 09:54  
SMM Pointing: N29E17 Pitch=-567",Yaw=+51",Roll=-20deg H.Ang=37deg  
Qual=00  
Peak...c/s=74 Qual=01  
Wavelength=2788A Tot Cts=429  
Exp #=88243 Step=0" Pitch=-431",Yaw=-24"

Event # = 22698  
89/05/04 09:38 Start DOY=124 Peak  
GOES 09:37 09:38 09:42  
BCS 09:37 09:38 09:42  
FCS 09:37 09:38 09:42  
UVSP 09:37 09:38 09:42  
CaPeak.c/s=20 FePeak=09:37 #Peaks=1 dt= 7.7s XEN=912403  
Wavelength=2788A Exp #=88243 Step=0" Pitch=-431",Yaw=-24"  
Rast=180"x1" Cad=1.02s 1.024s/pixel  
Rast=180"x1" Step=0" Step=0"

Event # = 11215  
89/05/04 09:58 Start DOY=124 Peak  
GOES 09:54 09:58 10:01  
HXRBS 09:55:28 09:56:29 09:59:04  
GRS 09:56:00 09:57:00  
UVSP 09:54  
Radio Sweeps Type/Intensity: V/2  
Radio Frequency(MHz)/Flux(sfu): 245/1800 410/130 4995/75 8800/190 15400/500  
SMM Pointing: N29E17 Pitch=-567",Yaw=+51",Roll=-20deg H.Ang=37deg  
Importance=C6 Qual=03  
Peak...c/s=1690 Qual=01 Tot Cts=39488 MaxkeV=368 Dur=60sec  
Wavelength=2788A Code=00 Exp #=88243 Step=0" Pitch=-431",Yaw=-24"  
Rast=180"x1" Step=0" Step=0"

Event # = 11217												
89/05/04, 11:15	DOY=124	Peak										
Optical	SMM Pointing:											
GOES 11:00	Ha...Class=2N	11:15	End times									
GOES 11:05:32	Importance=M5	11:35:55										
GOES 11:13:00	Peak...c/s=4157	11:17:00										
GOES 11:26	Wavelength=2788A											
Radio	Frequency(MHz)/Flux(sfu):											
HXRBS 11:00:14	245/1900 410/1300 606/8500 1415/260 2695/490 8800/480 15400/530											
HXRBS 11:00:46	11:01:39	Peak...c/s=70										
HXRBS 11:00:14	11:01:39	Peak...c/s=70										
Event # = 11218												
89/05/04, 12:20	DOY=124	Peak										
Optical	SMM Pointing:											
GOES 12:19:49	Ha...Class=2N	12:20:49	End times									
GOES 12:20:08	Importance=M5	12:20:49										
GOES 12:03	Peak...c/s=51	12:20:49										
GOES 12:52:16	Wavelength=2788A											
Radio	Frequency(MHz)/Flux(sfu):											
HXRBS 12:52:16	245/1900 410/1300 606/8500 1415/260 2695/490 8800/480 15400/530											
HXRBS 12:55:53	12:55:53	Peak...c/s=46										
HXRBS 13:00	Wavelength=2788A											
Event # = 11219												
89/05/04, 12:55	DOY=124	Peak										
Optical	SMM Pointing:											
GOES 12:52:16	Ha...Class=SF	13:50	End times									
GOES 12:52:16	Importance=C5	13:50										
GOES 12:52:16	Peak...c/s=19	13:50										
GOES 13:00	CaPeak.c/s=19	13:50										
GOES 13:55	Wavelength=2788A											
Radio	Frequency(MHz)/Flux(sfu):											
HXRBS 13:55	606/5500 4995/62 8800/88 15400/75											
HXRBS 13:55	606/5500 4995/62 8800/88 15400/75											
Event # = 11220												
89/05/04, 15:24	DOY=124	Peak										
Optical	SMM Pointing:											
GOES 15:14	Ha...Class=SF	15:30	End times									
GOES 15:24	Importance=C5	15:30										
GOES 15:24:04	Peak...c/s=125	15:25:11										
GOES 15:18	CaPeak.c/s=183	15:37										
GOES 15:22	Wavelength=2788A											
Radio	Type/Intensity:											
HXRBS 15:24:04	III/2											
HXRBS 15:18	606/5500 4995/62 8800/88 15400/75											
HXRBS 15:22	606/5500 4995/62 8800/88 15400/75											
Event # = 22700												
89/05/04, 17:13	DOY=124	Peak										
Optical	SMM Pointing:											
GOES 17:10	Ha...Class=SF	17:16	End times									
GOES 17:11	Importance=C2	17:18										
GOES 17:12	CaPeak.c/s=42	17:18										
GOES 16:57	Wavelength=1375A											
GOES 16:57	Code=00											
GOES 17:10	FePeak.c/s=11	17:12										
GOES 17:11	Rast=0"x0"	17:12										
GOES 16:57	Rast=30"x30"	17:12										
GOES 16:57	Exp #=88253											



Event # = 11221	DOY=124	SMM Pointing:	S18W36	Pitch=+411", Yaw=-414", Roll=-20deg	H. Ang=38deg
89/05/04, 17:31	Peak	End times			
Optical			AR5464	Mac. =EKI	Carr. Lon. =312deg
GOES	17:31	17:41		MaxkeV=102	H. Ang=37deg
HXRBS	17:20:27	17:20:59		Rast=30"x30"	
UVSP	17:31			Step=5"	Pitch=+427", Yaw=-422"
Radio	Frequency(MHz)/Flux(sfu): 606/350				
Event # = 11222	DOY=124	SMM Pointing:	S18W37	Pitch=+415", Yaw=-424", Roll=-20deg	H. Ang=38deg
89/05/04, 18:42	Peak	End times			
Optical			AR5464	Mac. =EKI	Carr. Lon. =312deg
GOES	18:37	18:46		MaxkeV=275	Flags=M5
HXRBS	18:38:31	18:40:19		dt= 3.8s	XEN=912407
BCS	18:35	18:41		FePeak.c/s=97	#Peaks=1
FCS				Rast=240"x240"	Step=15"
UVSP	18:29			Step=5"	Pitch=+390", Yaw=-424"
Radio	Sweeps Type/Intensity: V/3				
Radio	Frequency(MHz)/Flux(sfu): 245/1900 410/170 606/46 1415/87 2695/72 4995/32				
Event # = 22701	DOY=124				
89/05/04, 18:51	Peak	End times			
GOES	18:50	18:57		FePeak.c/s=6	#Peaks=1
BCS				Rast=240"x240"	Step=15"
FCS				Rast=30"x30"	Pitch=+401", Yaw=-430"
UVSP	18:47				
Event # = 22702	DOY=124				
89/05/04, 19:27	Peak	End times			
Optical			AR5470	Mac. =EKI	Carr. Lon. =261deg
GOES	19:05	20:21		FePeak.c/s=8	#Peaks=1
HXRBS	20:07	20:23		Rast=0"x0"	Step=0"
BCS				Rast=30"x30"	Pitch=+401", Yaw=-432"
FCS					
UVSP	19:03				
Event # = 11223	DOY=124	SMM Pointing:	S18W38	Pitch=+420", Yaw=-435", Roll=-20deg	H. Ang=39deg
89/05/04, 20:41	Peak	End times			
Optical			AR5464	Mac. =EKI	Carr. Lon. =313deg
GOES	20:28	20:52		MaxkeV=102	Flags=EN
HXRBS	20:27:43	20:30:42		FePeak.c/s=147	#Peaks=1
BCS	20:27	20:35:30		Rast=240"x240"	Step=15"
FCS				Rast=30"x30"	Pitch=+430", Yaw=-447"
UVSP	20:37				
Radio	Frequency(MHz)/Flux(sfu): 8800/70				
Event # = 22703	DOY=124				
89/05/04, 21:49	Peak	End times			
GOES	21:49	21:58		FePeak.c/s=8	#Peaks=1
BCS				Rast=0"x0"	Step=0"
FCS				Rast=10"x10"	Pitch=+433", Yaw=-445"
UVSP	21:49				

Event # = 22704	DOY=124		End times									
89/05/04, 23:26	Start	Peak										
Optical	Ha...Class=SF		N32E18	AR5470	Mac.=EKI	Carr. Lon.=255deg	H. Ang=40deg					
GOES	23:23	23:26	Importance=C2	Qual=01	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=912412				
BCS	23:09	23:25	CaPeak.c/s=23	Qual= 4	FePeak=23:09	Step=0"	Cad=1.02s	1.024s/pixel				
FCS						Step=0"	Pitch=+463"	Yaw=-435"				
UVSP	23:23		Wavelength=1375A	Code=00	Exp #=88285	Step=0"						
89/05/05 DOY=125												
Event # = 22705	DOY=125		End times									
89/05/05, 00:46	Start	Peak										
GOES	CaPeak.c/s=23		Qual=00	FePeak=00:45	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=912500				
BCS	00:45	00:46	Qual= 4	Exp #=88291	Rast=70"x70"	Step=0"	Cad=1.02s	1.024s/pixel				
FCS						Step=5"	Pitch=+471"	Yaw=-423"				
UVSP	00:43		Wavelength=1375A									
Event # = 22706	DOY=125		End times									
89/05/05, 01:02	Start	Peak										
GOES	CaPeak.c/s=105		Qual=01	FePeak=01:01	FePeak.c/s=20	#Peaks=1	dt= 3.8s	XEN=912501				
BCS	00:57	01:02	Qual= 1	Exp #=88291	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel				
FCS						Step=5"	Pitch=+471"	Yaw=-423"				
UVSP	00:43		Wavelength=1375A									
Event # = 11224	DOY=125		End times									
89/05/05, 01:21	Start	Peak	SMM Pointing:	S18W40	Pitch=+432"	Yaw=-465"	Roll=-20deg	H. Ang=42deg				
GOES	Peak...c/s=43		Qual=00	Tot Cts=146	MaxkeV=102	#Peaks=1	dt= 7.7s	XEN=912502				
HXRBS	01:19:49	01:20:06	Qual=01	FePeak=01:21	FePeak.c/s=10	Step=15"	Cad= 262s	1.024s/pixel				
BCS	01:20	01:21	Qual= 1	Exp #=88291	Rast=240"x240"	Step=5"	Pitch=+471"	Yaw=-423"				
FCS												
UVSP	00:43		Wavelength=1375A									
Event # = 11225	DOY=125		End times									
89/05/05, 02:54	Start	Peak	SMM Pointing:	S18W41	Pitch=+437"	Yaw=-475"	Roll=-20deg	H. Ang=43deg				
Optical	Ha...Class=SF		S17W41	AR5464	Mac.=EKC	Carr. Lon.=313deg	H. Ang=42deg					
GOES	02:46	02:54	Importance=C8	Qual=01	MaxkeV=144	#Peaks=1	dt= 3.8s	XEN=912503				
HXRBS	02:48:02	02:48:22	CaPeak.c/s=131	Qual=01	FePeak.c/s=95	Step=15"	Cad= 262s	1.024s/pixel				
BCS	02:46	02:53	CaPeak.c/s=408	Qual= 1	Rast=240"x240"	Step=0"	Pitch=+317"	Yaw=-292"				
FCS												
UVSP	02:56		Wavelength=2788A	Code=02	Exp #=88293							
Radio	Frequency(MHz)/Flux(sfu):		1415/12 2695/63 4995/58 8800/32									
Event # = 22707	DOY=125		End times									
89/05/05, 03:02	Start	Peak										
GOES	CaPeak.c/s=18		Qual=05	FePeak=03:02	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=912504				
BCS	03:02	03:03	Qual= 5	Exp #=88293	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel				
FCS						Step=0"	Pitch=+317"	Yaw=-292"				
UVSP	02:56		Wavelength=2788A									

Event # = 11232	DOY=125	SMM Pointing:	S18W41	Pitch=+437", Yaw=-475", Roll=-20deg	H.Ang=43deg
89/05/05,03:46	Peak	End times		Mac.=EKI	Carr.Lon.=265deg
Optical		Ha...Class=SF	M29E06	MaxkeV=102	XEN=912505
GOES	03:41	Importance=C4	Qual=02	FePeak.c/s=34	dt= 3.8s
HXRBS	03:43:01	Peak...c/s=44	Qual=01	Rast=240"x240"	Step=15" Cad= 262s
BCS	03:42	CaPeak.c/s=183	Qual= 1	Rast=180"x1"	Step=0" Pitch=+318", Yaw=-296"
FCS					
UVSP	03:31	Wavelength=2788A	Code=00	Exp #=88294	
Event # = 11226	DOY=125	SMM Pointing:	S18W41	Pitch=+437", Yaw=-475", Roll=-20deg	H.Ang=43deg
89/05/05,04:13	Peak	End times		Mac.=EKI	Carr.Lon.=256deg
Optical		Ha...Class=SF	M32E15	MaxkeV=102	XEN=912506
GOES	04:06	Importance=C5	Qual=01	Rast=240"x240"	Step=15" Cad= 262s
HXRBS	04:08:22	Peak...c/s=90	Qual=01	FePeak.c/s=8	dt= 7.7s
UVSP	04:28	Wavelength=2788A	Associated	Rast=180"x1"	Step=0" Pitch=+321", Yaw=-301"
			Qual= 4	Event # = 22708	
BCS	04:22	CaPeak.c/s=22	Associated	FePeak=04:25	
FCS			Qual= 4	Event # = 22709	
BCS	04:30	CaPeak.c/s=25	Associated	FePeak=04:30	
FCS			Qual= 4	Exp #=88295	
Event # = 11227	DOY=125	SMM Pointing:	S18W42	Pitch=+441", Yaw=-486", Roll=-20deg	H.Ang=44deg
89/05/05,05:32	Peak	End times		Mac.=EKC	Carr.Lon.=303deg
Optical		Ha...Class=1B	M18W33	MaxkeV=187	Flags=M5
GOES	05:24	Importance=M1	Qual=01	FePeak.c/s=177	#Peaks=1
HXRBS	05:25:04	Peak...c/s=847	Qual=01	Rast=180"x180"	Step=10" Cad= 332s
BCS	05:26	CaPeak.c/s=735	Qual= 1	Rast=180"x1"	Step=0" Pitch=+322", Yaw=-305"
FCS					
UVSP	05:05	Wavelength=2788A	Code=01	Exp #=88296	
Radio	Frequency(MHz)/Flux(sfu):	2695/36 4995/120 8800/55 15400/38		FePeak.c/s=5	dt= 7.7s
		Associated	Event # = 22710	Rast=240"x240"	Step=15" Cad= 262s
BCS	05:47	CaPeak.c/s=37	Qual= 5	Rast=180"x1"	Step=0" Pitch=+325", Yaw=-310"
FCS					
UVSP	06:02	Wavelength=2788A	Exp #=88297		
Event # = 11228	DOY=125	SMM Pointing:	S18W43	Pitch=+446", Yaw=-496", Roll=-20deg	H.Ang=44deg
89/05/05,06:55	Peak	End times		MaxkeV=102	XEN=912509
Optical		Ha...Class=SF	M29E06	Rast=180"x1"	Step=15" Cad= 262s
GOES	06:55:15	Peak...c/s=49	Qual=01	Step=0"	Pitch=+326", Yaw=-314"
HXRBS	06:55:27	CaPeak.c/s=19	Qual= 4		
UVSP	06:37	Wavelength=2788A	Exp #=88298		
Event # = 11229	DOY=125	SMM Pointing:	S18W43	Pitch=+446", Yaw=-496", Roll=-20deg	H.Ang=44deg
89/05/05,07:01	Peak	End times		MaxkeV=102	XEN=912510
Optical		Ha...Class=SF	M29E06	Rast=180"x1"	Step=15" Cad= 262s
GOES	07:01:42	Peak...c/s=41	Qual=01	Step=0"	Pitch=+326", Yaw=-314"
HXRBS	07:01:47	CaPeak.c/s=19	Qual= 4		
BCS	07:01	CaPeak.c/s=19	Qual= 4		
FCS					
UVSP	06:37	Wavelength=2788A	Exp #=88298		

Event # = 11230																						
89/05/05,07:37	Start	DOY=125	End times	SMM Pointing:	S18W43																	
Optical		Peak		Ha...Class=3B																		
GOES	07:21	07:37	09:11	Importance=X2	Qual=03				AR5470													
HXRBS	07:21:16	07:30:37	08:24:17	Peak...c/s=14950	Qual=11				Tot Cts=4.48E+6													
GRS	07:27:00		07:35:00						MaxkeV=858													
BCS	07:40	07:40	07:42	CaPeak.c/s=20	Qual= 4				FePeak=07:40													
FCS																						
UVSP	07:34			Wavelength=2788A	Code=00				Exp #=88299													
Radio Sweeps		Type/Intensity:		IV/2																		
Radio		Frequency(MHz)/Flux(sfu):		245/1300 410/300	606/330				1415/1400 2695/1000													
Event # = 11231																						
89/05/05,10:45	Start	DOY=125	End times	SMM Pointing:	S18W45																	
GOES		Peak		Ha...Class=3B																		
HXRBS	10:42:53	10:43:17	10:43:50	Importance=X2	Qual=00				Tot Cts=856													
BCS	10:43	10:45	10:49	Peak...c/s=65	Qual=01				FePeak=10:45													
FCS				CaPeak.c/s=36	Qual= 1																	
UVSP	10:40			Wavelength=2788A	Code=02				Exp #=88303													
Radio Sweeps		Type/Intensity:		V/2																		
Radio		Frequency(MHz)/Flux(sfu):		8800/55 15400/140																		
Event # = 22711																						
89/05/05,11:27	Start	DOY=125	End times	SMM Pointing:	S18W46																	
GOES		Peak		Ha...Class=1N																		
HXRBS	11:27	11:27	11:38	Importance=C5	Qual=00				Tot Cts=5													
FCS				Peak...c/s=196	Qual= 5				FePeak=11:31													
UVSP	11:17			CaPeak.c/s=232	Qual= 1				Exp #=88304													
Radio Sweeps		Type/Intensity:		V/2																		
Radio		Frequency(MHz)/Flux(sfu):		245/340 410/120	606/130																	
Event # = 11233																						
89/05/05,12:13	Start	DOY=125	End times	SMM Pointing:	S18W46																	
Optical		Peak		Ha...Class=1N																		
GOES	12:07	12:13	12:18	Importance=C5	Qual=03				AR5464													
HXRBS	12:06:58	12:09:17	12:09:57	Peak...c/s=196	Qual=01				Tot Cts=2747													
BCS	12:09	12:13	12:22	CaPeak.c/s=232	Qual= 1				FePeak=12:12													
FCS																						
UVSP	12:14			Wavelength=2788A	Code=02				Exp #=88305													
Radio Sweeps		Type/Intensity:		V/2																		
Radio		Frequency(MHz)/Flux(sfu):		245/340 410/120	606/130																	
Event # = 11234																						
89/05/05,13:13	Start	DOY=125	End times	SMM Pointing:	S18W46																	
Optical		Peak		Ha...Class=SF																		
GOES	13:00	13:13	13:38	Importance=C4	Qual=01				AR5464													
HXRBS	13:07:57	13:08:19	13:09:02	Peak...c/s=47	Qual=01				Tot Cts=369													
BCS	13:03	13:12	13:49	CaPeak.c/s=97	Qual= 1				FePeak=13:11													
FCS																						
UVSP	12:49			Wavelength=2788A	Code=01				Exp #=88306													
Radio Sweeps		Type/Intensity:		V/2																		
Radio		Frequency(MHz)/Flux(sfu):		245/340 410/120	606/130																	

Event # = 11235  
 89/05/05,18:02 Start Peak D0Y=125  
 SMM Pointing: S18W49  
 H. Ang=50deg  
 Pitch=+476", Yaw=-560", Roll=-20deg  
 Carr. Lon.=313deg  
 Mac.=EKC  
 H. Ang=51deg  
 Optical  
 GOES 18:01 18:02 18:17 18:02 18:02 18:02 18:02  
 HXRBS 18:01:22 18:01:42 18:02:14  
 Peak...c/s=313  
 CaPeak.c/s=102  
 Qual=1  
 FCS 17:43 18:03 18:09  
 Wavelength=1375A  
 Code=00  
 Exp #=88314  
 UVSP 17:57  
 Type/Intensity: V/2  
 Radio Sweeps  
 Frequency(MHz)/Flux(sfu): 245/3700 410/640

Event # = 22712  
 89/05/05,19:14 Start Peak D0Y=125  
 Ha...Class=SF S19W46  
 Qual=00  
 FePeak.c/s=7 dt= 7.7s XEN=912517  
 Rast=240"x240" Cad= 262s 1.024s/pixel  
 Rast=265"x265" Pitch=+486", Yaw=-554"  
 UVSP 19:15  
 Exp #=88319

Event # = 22713  
 89/05/05,20:52 Start Peak D0Y=125  
 Qual=01  
 FePeak.c/s=10 dt= 7.7s XEN=912518  
 Rast=0"x0" Cad=1.02s 1.024s/pixel  
 Rast=30"x30" Pitch=+511", Yaw=-523"  
 UVSP 20:50  
 Exp #=88329

89/05/06 D0Y=126

Event # = 22714  
 89/05/06,00:01 Start Peak D0Y=126  
 Qual=00  
 FePeak.c/s=9 dt= 3.8s XEN=912519  
 Rast=240"x240" Cad= 262s 1.024s/pixel  
 Rast=30"x30" Pitch=+518", Yaw=-508"  
 UVSP 23:56  
 Exp #=88343

Event # = 22715  
 89/05/06,01:23 Start Peak D0Y=126  
 Qual=00  
 FePeak.c/s=9 dt= 3.8s XEN=912600  
 Rast=240"x240" Cad= 262s 1.024s/pixel  
 Rast=265"x265" Pitch=+499", Yaw=-583"  
 UVSP 01:25  
 Exp #=88348

Event # = 22716  
 89/05/06,02:09 Start Peak D0Y=126  
 Qual=00  
 FePeak.c/s=8 dt= 7.7s XEN=912601  
 Rast=240"x240" Cad= 262s 1.024s/pixel  
 Rast=30"x30" Pitch=+508", Yaw=-573"  
 UVSP 02:01  
 Exp #=88354

Event # = 22717		DOY=126		End times			
89/05/06	02:56	Start	Peak				
GOES	02:55	02:56	03:00	CaPeak.c/s=28	Qual=00	FePeak=02:56	
BCS				Wavelength=1375A	Qual=5	Exp #=88355	
FCS							
UVSP	02:57						dt= 7.7s XEN=912602 Cad=1.02s 1.024s/pixel Pitch=+503", Yaw=-591"
Event # = 22718		DOY=126		End times			
89/05/06	03:05	Start	Peak				
GOES	03:04	03:05	03:07	CaPeak.c/s=20	Qual=01	FePeak=03:04	
BCS				Wave length=1375A	Qual=4	Exp #=88357	
FCS				Type/Intensity: III/1			
UVSP	03:02			Frequency(MHz)/Flux(sfu): 245/280 410/110			dt= 7.7s XEN=912603 Cad=1.02s 1.024s/pixel Pitch=+520", Yaw=-593"
Event # = 22719		DOY=126		End times			
89/05/06	04:48	Start	Peak				
GOES	04:44	04:48	04:50	Importance=C2	Qual=01	FePeak=04:48	
BCS	04:47	04:49	04:49	CaPeak.c/s=20	Qual=4	Exp #=88364	
FCS				Wave length=2788A			
UVSP	04:20			Type/Intensity: III/1			dt= 7.7s XEN=912604 Cad=1.02s 1.024s/pixel Pitch=+377", Yaw=-425"
Event # = 11236		DOY=126		End times			
89/05/06	05:34	Start	Peak				
Optical				SMM Pointing: S18W56			Pitch=+500", Yaw=-614", Roll=-20deg H.Ang=56deg
GOES	05:06	05:34	05:48	Ha...Class=SN	S27E60	AR5470	
HXRBS	05:07:09	05:08:24	05:12:19	Importance=M2	Qual=02		Carr. Lon.=197deg H.Ang=62deg
UVSP	05:51			Peak...c/s=546	Qual=01	Tot Cts=10975	Flags=FS
				Wave length=2788A		Exp #=88366	Step=0" Pitch=+381", Yaw=-431"
Event # = 22720		DOY=126		End times			
89/05/06	06:57	Start	Peak				
Optical				Ha...Class=SF	N11W78	AR5463	
GOES	06:48	06:57	07:07	Importance=C3	Qual=03		
BCS	06:53	06:56	06:57	CaPeak.c/s=51	Qual=2	FePeak=06:54	
FCS				Wave length=2788A	Code=00	Exp #=88367	
UVSP	06:48			Type/Intensity: II/2			dt= 3.8s XEN=912605 Cad=1.02s 1.024s/pixel Pitch=+383", Yaw=-436"
Event # = 22721		DOY=126		End times			
89/05/06	07:55	Start	Peak				
GOES	07:53	07:55	08:05	CaPeak.c/s=29	Qual=00	FePeak=07:55	
BCS				Wave length=2788A	Qual=1	Exp #=88369	
FCS							
UVSP	08:20						dt= 7.7s XEN=912606 Cad=1.02s 1.024s/pixel Pitch=+386", Yaw=-442"

Event # = 22722		DOY=126		End times			
89/05/06,08:15	Start	08:15	08:20	Qual=00	FePeak=08:17	FePeak.c/s=11	#Peaks=1
GOES				Qual=4	Exp #=88369	Rast=0"x0"	Step=0"
BCS						Rast=180"x1"	dt= 7.7s
FCS							Cad=1.02s
UVSP							Pitch=+386",Yaw=-442"
Event # = 22723		DOY=126		End times			
89/05/06,11:03	Start	11:01	11:07	Qual=01	FePeak=11:02	FePeak.c/s=9	#Peaks=1
GOES				Qual=1	Exp #=88373	Rast=0"x0"	Step=0"
BCS						Rast=180"x1"	dt= 7.7s
FCS							Cad=1.02s
UVSP							Pitch=+392",Yaw=-455"
Event # = 22724		DOY=126		End times			
89/05/06,12:14	Start	12:14	12:26	Qual=00	FePeak=12:21	FePeak.c/s=12	#Peaks=1
GOES				Qual=5	Exp #=88374	Rast=0"x0"	Step=0"
BCS						Rast=180"x1"	dt= 7.7s
FCS							Cad=1.02s
UVSP							Pitch=+393",Yaw=-457"
Event # = 22725		DOY=126		End times			
89/05/06,13:00	Start	13:00	13:09	S20W60	AR5464	Mac.=EKC	Carr.Lon.=313deg
Optical				Qual=00			H.Ang=61deg
GOES				Qual=5	FePeak=13:01	FePeak.c/s=12	#Peaks=1
BCS					Exp #=88375	Rast=0"x0"	Step=0"
FCS						Rast=180"x1"	dt= 7.7s
UVSP							Cad=1.02s
Event # = 11237		DOY=126		End times			
89/05/06,14:59	Start	14:42	14:42	S18W60	AR5464	Pitch=+515",Yaw=-645",Roll=-20deg	H.Ang=60deg
Optical				S22W67		Mac.=EKC	H.Ang=67deg
GOES				Qual=02	Tot Cts=408	MaxVel=102	Flags=M5,EN
HXRBS				Qual=03	FePeak=14:41	FePeak.c/s=12	#Peaks=1
BCS				Qual=5	Exp #=88378	Rast=0"x0"	Step=0"
FCS						Rast=243"x243"	dt= 7.7s
UVSP							Cad=1.02s
Event # = 22726		DOY=126		End times			
89/05/06,15:20	Start	15:19	15:45	Qual=00	FePeak=15:20	FePeak.c/s=42	#Peaks=1
GOES				Qual=5	Exp #=88378	Rast=240"x240"	Step=15"
BCS						Rast=243"x243"	Cad= 262s
FCS							Pitch=-786",Yaw=-253"
UVSP							

Event # = 11238														
89/05/06	Start	17:04	End times	S18W61	SMM Pointing:	Pitch=+525", Yaw=-652", Roll=-20deg				H. Ang=61deg				
	Peak	DOY=126			Ha...Class=2B									
Optical					Importance=M4									
GOES	16:57	17:04	17:38	S31E59	Peak...c/s=6260	MaxkeV=631	Flags=M5							
HXRBS	16:54:12	17:01:11	17:08:16	Qual=03	CaPeak.c/s=26	Qual= 4	FePeak=17:02							
GRS	17:01:00	17:04:00	17:04:00	Qual=01	Wave length=1375A	Code=00	Exp #=88381							
BCS	16:53	16:59	17:21		1415/200 2695/150 4995/210 8800/350 15400/750									
FCS														
UVSP	16:58													
Radio														
Frequency(MHz)/Flux(sfu):														
Event # = 22727														
89/05/06	Start	18:26	End times	S23W56	Ha...Class=SF									
	Peak	DOY=126			Importance=C6									
Optical					CaPeak.c/s=28	Qual= 4	FePeak=18:29							
GOES	18:26	18:26	18:53	AR5464	Wave length=1375A	Qual= 5	Exp #=88386							
BCS	18:26	18:26	18:53											
FCS														
UVSP	18:27													
Frequency(MHz)/Flux(sfu):														
Event # = 22728														
89/05/06	Start	19:41	End times	N28W13	Ha...Class=SF									
	Peak	DOY=126			Importance=C6									
Optical					CaPeak.c/s=45	Qual= 5	FePeak=19:58							
GOES	19:35	19:41	19:53	AR5470	Wave length=1375A									
BCS	19:57	19:58	20:11											
FCS														
UVSP	19:59													
Frequency(MHz)/Flux(sfu):														
Event # = 11239														
89/05/06	Start	20:26	End times	S18W64	SMM Pointing:	Pitch=+530", Yaw=-672", Roll=-20deg								
	Peak	DOY=126			Peak...c/s=77									
GOES	20:24:56	20:25:12	20:25:35	Qual=01	CaPeak.c/s=31	Qual= 4	FePeak=20:26							
HXRBS	20:26	20:26	20:29	Qual=01	Wave length=1375A									
BCS	20:26	20:26	20:29											
FCS														
UVSP	20:19													
Radio														
Frequency(MHz)/Flux(sfu):														
Event # = 22729														
89/05/06	Start	22:09	End times	Qual=00	CaPeak.c/s=29	Qual= 3	FePeak=22:08							
	Peak	DOY=126			Wave length=1375A									
GOES	22:06	22:09	22:16											
BCS	22:06	22:09	22:16											
FCS														
UVSP	21:53													
Frequency(MHz)/Flux(sfu):														
Event # = 22730														
89/05/06	Start	23:03	End times	Qual=05	Importance=C3	Qual= 5	FePeak=23:04							
	Peak	DOY=126			CaPeak.c/s=47									
GOES	23:03	23:03	23:21		Wave length=1375A									
BCS	23:03	23:05	23:14											
FCS														
UVSP	23:05													
Frequency(MHz)/Flux(sfu):														



Event # = 22731	DOY=127	Peak	End times	Ha...Class=1N	N10W30	Carr. Lon.=276deg	H. Ang=33deg
89/05/07, 00:46	00:46	00:53	00:46	CaPeak.c/s=21	Qual=05	#Peaks=1	XEN=912700
Optical				Wavelength=1375A	Qual=4	Step=0"	Cad=1.02s
GOES						Step=5"	Pitch=+507", Yaw=-691"
BCS							
FCS							
UVSP							
Event # = 11240	DOY=127	Peak	End times	SMM Pointing:	S18W65	Pitch=+535", Yaw=-683", Roll=-20deg	H. Ang=66deg
89/05/07, 01:16	01:16	01:17:45	01:16:36	Ha...Class=SF	S29E56	Mac.=DAO	
Optical				Peak...c/s=930	Qual=01	Carr. Lon.=190deg	H. Ang=59deg
GOES				Wavelength=1375A	Qual=01	Flags=M5	
HXRBS						Step=5"	Pitch=+507", Yaw=-691"
UVSP							
Event # = 22732	DOY=127	Peak	End times	CaPeak.c/s=23	Qual=01	#Peaks=1	XEN=912701
89/05/07, 03:44	03:44	03:52	03:44	Wavelength=1375A	Qual=5	Step=0"	Cad=1.02s
GOES						Step=5"	Pitch=+550", Yaw=-682"
BCS							
FCS							
UVSP							
Event # = 22733	DOY=127	Peak	End times	Ha...Class=SF	S21W64	Mac.=EKI	H. Ang=65deg
89/05/07, 03:57	03:57	03:59	03:57	CaPeak.c/s=26	Qual=00	#Peaks=1	XEN=912702
Optical				Wavelength=1375A	Qual=1	Step=0"	Cad=1.02s
GOES						Step=0"	Pitch=+517", Yaw=-700"
BCS							
FCS							
UVSP							
Event # = 11241	DOY=127	Peak	End times	SMM Pointing:	S18W67	Pitch=+540", Yaw=-693", Roll=-20deg	H. Ang=67deg
89/05/07, 05:24	05:24	05:24:14	05:24:14	Peak...c/s=87	Qual=00	MaxkeV=144	
GOES				Wavelength=2788A	Qual=01	Rast=180" x1"	
HXRBS				Frequency(MHz)/Flux(sfu):			
UVSP							
Radio							
Event # = 22734	DOY=127	Peak	End times	CaPeak.c/s=139	Qual=00	#Peaks=2	XEN=912703
89/05/07, 05:54	05:54	06:12	05:54	Wavelength=2788A	Qual=1	Step=15"	Cad=262s
GOES						Step=0"	Pitch=+425", Yaw=-516"
BCS							
FCS							
UVSP							

Event # = 11242	DOY=127	Peak	End times	SMM Pointing:	S18W69	Pitch=+547", Yaw=-704", Roll=-20deg	H. Ang=69deg
89/05/07, 07:04	Start	07:04	07:10	Ha...Class=IF	S30F52	Mac.=DAO	Carr. Lon.=191deg
Optical				Importance=M1	Qual=01		
GOES	06:56	07:04	07:10	Peak...c/s=160	Qual=01	MaxkeV=231	H. Ang=56deg
HXRBS	06:53:40	06:54:41	06:55:31	CaPeak.c/s=25	Qual= 5	FePeak.c/s=7	
BCS	06:49	06:49	07:02	Wavelength=2788A	Code=01	Rast=0"x0"	#Peaks=1 dt= 7.7s XEN=912704
FCS						Rast=180"x1"	Step=0" Cad=1.02s/pixel
UVSP	06:39					Exp #=88436	Pitch=+426", Yaw=-518"
Event # = 11243	DOY=127	Peak	End times	SMM Pointing:	S18W69	Pitch=+547", Yaw=-704", Roll=-20deg	H. Ang=69deg
89/05/07, 07:23	Start	07:23	07:23:29	Peak...c/s=78	Qual=00		
GOES	07:23:12	07:23:23	07:23:29	Wavelength=2788A	Qual=01	MaxkeV=144	
HXRBS	07:23:12	07:23:23	07:23:29		Qual=01	Rast=180"x1"	Step=0" Pitch=+427", Yaw=-521"
UVSP	07:34					Exp #=88437	
Event # = 11244	DOY=127	Peak	End times	SMM Pointing:	S18W69	Pitch=+547", Yaw=-704", Roll=-20deg	H. Ang=69deg
89/05/07, 08:32	Start	08:32	08:36	Importance=C2	Qual=01		
GOES	08:23	08:32	08:36	Peak...c/s=245	Qual=01	MaxkeV=187	
HXRBS	08:23:49	08:24:47	08:26:14	CaPeak.c/s=35	Qual= 1	FePeak.c/s=12	#Peaks=1 dt= 7.7s XEN=912705
BCS	08:26	08:26	08:35	Wavelength=2788A	Code=01	Rast=240"x240"	Step=15" Cad= 262s 1.024s/pixel
FCS						Rast=180"x1"	Step=0" Pitch=+428", Yaw=-522"
UVSP	08:11					Exp #=88438	
Event # = 11245	DOY=127	Peak	End times	SMM Pointing:	S18W69	Pitch=+547", Yaw=-704", Roll=-20deg	H. Ang=69deg
89/05/07, 08:46	Start	08:46	08:46:32	Peak...c/s=160	Qual=00		
GOES	08:46:21	08:46:25	08:46:32	Wavelength=2788A	Qual=01	MaxkeV=187	
HXRBS	08:46:21	08:46:25	08:46:32		Qual=01	Rast=180"x1"	Step=0" Pitch=+429", Yaw=-525"
UVSP	09:08					Exp #=88439	
Event # = 11246	DOY=127	Peak	End times	SMM Pointing:	S18W69	Pitch=+547", Yaw=-704", Roll=-20deg	H. Ang=69deg
89/05/07, 08:57	Start	08:57	08:55:50	Ha...Class=SF	S21W71	Mac.=EKI	Carr. Lon.=313deg
Optical				Peak...c/s=41	Qual=01		
GOES	08:55:25	08:55:29	08:55:50	CaPeak.c/s=36	Qual= 1	MaxkeV=102	#Peaks=1 dt= 7.7s XEN=912706
HXRBS	08:55	08:57	09:14	Wavelength=2788A	Code=01	FePeak.c/s=10	Step=15" Cad= 262s 1.024s/pixel
BCS	08:55	08:57	09:14			Rast=240"x240"	Step=0" Pitch=+429", Yaw=-525"
FCS						Exp #=88439	
UVSP	09:08						
Event # = 11247	DOY=127	Peak	End times	SMM Pointing:	S18W69	Pitch=+547", Yaw=-704", Roll=-20deg	H. Ang=69deg
89/05/07, 09:08	Start	09:08	09:08:14	Peak...c/s=48	Qual=01		
GOES	09:07:47	09:08:02	09:08:14	Wavelength=2788A	Qual=01	MaxkeV=102	
HXRBS	09:07:47	09:08:02	09:08:14		Qual=01	Rast=180"x1"	Step=0" Pitch=+429", Yaw=-525"
UVSP	09:08					Exp #=88439	

Event # = 22735	DOY=127	Peak	End times	Qual=00	FePeak=12:21	#Peaks=1	dt= 7.7s	XEN=912707
89/05/07 12:20	12:20	12:20	12:23	Qual= 4	Exp #=88443	Step=0"	Cad=1.02s	1.024s/pixel
GOES	12:20	12:20	12:23	CaPeak.c/s=19	Exp #=88443	Step=0"	Pitch=+434"	Yaw=-532"
BGS	12:20	12:20	12:23	WaveLength=2788A				
UVSP	12:14							
Event # = 22736	DOY=127	Peak	End times	Ha...Class=SF	S21W72	Carr.Lon.=311deg	H.Ang=72deg	
89/05/07 14:38	14:38	14:38	15:17	Importance=C3	Qual=03	#Peaks=1	dt= 3.8s	XEN=912708
Optical	14:25	14:38	15:17	CaPeak.c/s=68	Qual= 1	Step=15"	Cad= 262s	1.024s/pixel
GOES	14:25	14:38	15:17	WaveLength=2788A	Code=00	Step=0"	Pitch=+437"	Yaw=-536"
BGS	14:33	14:37	15:29					
FCS	14:24							
UVSP	14:24							
Event # = 11248	DOY=127	Peak	End times	SMM Pointing:	S18W76	Pitch=-879"	Yaw=-279"	Roll=90deg
89/05/07 16:23	16:23	16:23	16:36	Peak...c/s=68	Qual=00	MaxkeV=102	Pitch=-866"	Yaw=-266"
GOES	16:23	16:23	16:36	WaveLength=2788A	Qual=01	Rast=243"x243"	Step=3"	
HXRBS	16:09							
UVSP	16:09							
Event # = 11249	DOY=127	Peak	End times	SMM Pointing:	S18W75	Pitch=+562"	Yaw=-728"	Roll=-20deg
89/05/07 17:58	17:58	17:58	18:02	Ha...Class=1F	Qual=01	Mac.=EKI	Carr.Lon.=312deg	H.Ang=75deg
Optical	17:55	17:58	18:02	Importance=C5	Qual=01	MaxkeV=102	#Peaks=1	dt= 3.8s
GOES	17:55	17:58	18:02	Peak...c/s=43	Qual=01	FePeak.c/s=48	Step=15"	Cad= 262s
HXRBS	17:56	17:56	17:58	CaPeak.c/s=209	Qual= 1	Rast=240"x240"	Step=5"	Pitch=+572"
BGS	17:54	17:58	18:08	WaveLength=1375A	Code=00	Rast=30"x30"		Yaw=-687"
FCS	17:43							
UVSP	17:43							
Event # = 11250	DOY=127	Peak	End times	SMM Pointing:	S29E45	Pitch=+204"	Yaw=+703"	Roll=-20deg
89/05/07 19:14	19:14	19:14	19:17	Ha...Class=SN	Qual=01	Mac.=EKI	Carr.Lon.=314deg	H.Ang=78deg
Optical	19:08	19:14	19:17	Importance=C7	Qual=01	MaxkeV=102	Step=5"	Pitch=+211"
GOES	19:08	19:14	19:17	Peak...c/s=54	Qual=01	Rast=265"x265"		Yaw=+716"
HXRBS	19:11	19:11	19:13	WaveLength=1375A	Code=00			
UVSP	19:13							
Event # = 11251	DOY=127	Peak	End times	SMM Pointing:	S29E45	Pitch=+204"	Yaw=+703"	Roll=-20deg
89/05/07 19:42	19:42	19:42	19:46	Ha...Class=SF	Qual=03	Mac.=EKI	Carr.Lon.=319deg	H.Ang=82deg
Optical	19:30	19:42	20:08	Ha...Class=SF	Qual=01	MaxkeV=102	Step=5"	Pitch=+239"
Optical	19:30	19:42	20:08	Importance=C7	Qual=01	FePeak.c/s=7		Yaw=+682"
GOES	19:30	19:42	20:08	Peak...c/s=82	Qual=01	Rast=30"x30"		
HXRBS	19:34	19:38	19:40	CaPeak.c/s=27	Qual= 1	MaxkeV=102	#Peaks=1	dt= 7.7s
BGS	19:37	19:40	19:46	WaveLength=1375A	Code=00	FePeak.c/s=7	Step=0"	Cad=1.02s
FCS	19:33					Rast=30"x30"	Step=5"	Pitch=+239"
UVSP	19:33					MaxkeV=102		Yaw=+682"
UVSP	19:29:00	19:29:14	19:29:40	Peak...c/s=49	Qual=01	MaxkeV=102	Step=5"	Pitch=+248"
HXRBS	19:29:00	19:29:14	19:29:40	WaveLength=1375A		Rast=30"x30"		Yaw=+653"
UVSP	19:16							

Event # = 11253  
 89/05/07, 20:50 DOY=127 Peak Pitch=+204", Yaw=+703", Roll=-20deg H.Ang=50deg  
 GOES S29E45 SMM Pointing: H.Ang=50deg  
 HXRBS Qual=00  
 UVSP 20:50:28 20:50:38 20:51:39 Peak...c/s=53 Qual=01  
 Wavelength=1375A Tot Cts=346  
 Exp #=88465 Rast=30"x30" Step=5" Pitch=+231", Yaw=+645"

Event # = 11254  
 89/05/07, 21:19 DOY=127 Peak Pitch=+207", Yaw=+693", Roll=-20deg H.Ang=49deg  
 Optical S29E44  
 GOES Ha...Class=1B S21W77 Mac.=EKI Carr.Lon.=312deg H.Ang=77deg  
 HXRBS 21:11 21:19 21:25 Ha...Class=SF S30E44 Carr.Lon.=191deg H.Ang=49deg  
 BCS 21:12:40 21:17:51 21:19:01 Importance=M2 Qual=01  
 FCS 21:14 21:18 21:27 Peak...c/s=174 Qual=01  
 UVSP 21:07 CaPeak.C/s=51 Qual=1  
 Wavelength=1375A Code=00 Exp #=88467  
 #Peaks=1 dt= 3.8s XEN=912711  
 FePeak.C/s=11 Step=15" Cad= 262s 1.024s/pixel  
 Rast=240"x240" Step=5" Pitch=+241", Yaw=+669"

Event # = 22737  
 89/05/08, 00:33 DOY=128  
 GOES Qual=00  
 BCS 00:32 00:33 00:39 CaPeak.c/s=19 Qual=4  
 UVSP 00:29 Wavelength=1375A FePeak=00:32  
 Exp #=88483

Event # = 11255  
 89/05/08, 01:46 DOY=128  
 Optical S29E42  
 GOES Ha...Class=IF N30W27 AR5470  
 HXRBS 01:16 01:46 02:05 Importance=M1 Qual=01  
 UVSP 01:38:18 01:38:39 01:43:40 Peak...c/s=134 Qual=01  
 Radio 01:31 Wavelength=1375A Code=00  
 Frequency(MHz)/Flux(sfu): 2695/39 4995/68 8800/41  
 HXRBS 01:53:06 01:53:26 01:53:36 Peak...c/s=72 Associated  
 Qual=01 Event # = 11256  
 Tot Cts=369 MaxkeV=102

Event # = 11257  
 89/05/08, 03:40 DOY=128  
 GOES S29E41  
 HXRBS 03:40:20 03:40:40 03:40:56 Peak...c/s=57 Qual=00  
 UVSP 03:28 Wavelength=1375A Exp #=88492  
 Tot Cts=374  
 Pitch=+217", Yaw=+660", Roll=-20deg H.Ang=47deg

Event # = 11258  
 89/05/08, 04:39 DOY=128  
 GOES S29E41  
 HXRBS 04:38:47 04:39:29 04:39:54 Peak...c/s=38 Qual=00  
 UVSP 04:20 Wavelength=2788A Exp #=88495  
 Tot Cts=211  
 Rast=180"x1" Step=0" Pitch=+98", Yaw=+838"

Event # = 11259	DOY=128	Peak	SMM Pointing:	S29E40	Pitch=+220", Yaw=+649", Roll=-20deg	H. Ang=46deg
89/05/08 05:26	Start	End times	Ha...Class=1F	AR5474	Mac.=DAI	H. Ang=25deg
Optical			Importance=C5			
GOES 05:15	05:26	05:45	Peak...c/s=56	Tot Cts=720	MaxkeV=102	
HXRBS 05:22:06	05:22:21	05:23:58	Wave length=2788A	Exp #=88496	Rast=180"x1"	Pitch=+100", Yaw=+833"
UVSP 05:16			410/22 606/45 1415/87 2695/40			
Radio	Frequency(MHz)/Flux(sfu):					
Event # = 11260	DOY=128	Peak	SMM Pointing:	S29E36	Pitch=+234", Yaw=+606", Roll=-20deg	H. Ang=43deg
89/05/08 14:07	Start	End times	Ha...Class=SF	AR5478	Mac.=CSO	H. Ang=55deg
Optical			Qual=00			
GOES 14:07:37	14:07:40	14:08:08	Peak...c/s=49	Tot Cts=169	MaxkeV=102	
HXRBS 14:33			Wave length=2788A	Exp #=88508	Rast=180"x1"	Pitch=+117", Yaw=+780"
Radio	Frequency(MHz)/Flux(sfu):		410/74			
Event # = 11261	DOY=128	Peak	SMM Pointing:	S29E35	Pitch=+237", Yaw=+596", Roll=-20deg	H. Ang=42deg
89/05/08 15:24	Start	End times	Qual=00			
GOES 15:21:43	15:24:27	15:34:00	Peak...c/s=42	Tot Cts=1964	MaxkeV=102	
HXRBS 15:23			Wave length=1375A	Exp #=88509	Rast=265"x265"	Pitch=+247", Yaw=+603"
UVSP						
Event # = 11262	DOY=128	Peak	SMM Pointing:	S29E31	Pitch=+252", Yaw=+552", Roll=-20deg	H. Ang=40deg
89/05/08 21:43	Start	End times	Ha...Class=SF	AR5476	Mac.=DAO	H. Ang=40deg
Optical			Qual=00			
GOES 21:43:05	21:43:19	21:43:28	Peak...c/s=44	Tot Cts=94	MaxkeV=102	
HXRBS 21:36			Wave length=1375A	Exp #=88539	Rast=30"x30"	Pitch=+276", Yaw=+448"
UVSP						
Event # = 11263	DOY=129	Peak	SMM Pointing:	S29E28	Pitch=+265", Yaw=+512", Roll=-20deg	H. Ang=37deg
89/05/09 04:39	Start	End times	Qual=00			
GOES 04:38:42	04:39:17	04:39:28	Peak...c/s=37	Tot Cts=145	MaxkeV=102	
HXRBS 04:30			Wave length=2788A	Exp #=88556	Rast=180"x1"	Pitch=+145", Yaw=+438"
UVSP						
Event # = 11264	DOY=129	Peak	SMM Pointing:	S03W00	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg
89/05/09 10:11	Start	End times	Qual=00			
GOES 10:11:25	10:11:34	10:11:52	Peak...c/s=55	Tot Cts=174	MaxkeV=144	
HXRBS						
Event # = 11265	DOY=129	Peak	SMM Pointing:	S03W00	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg
89/05/09 10:14	Start	End times	Qual=00			
GOES 10:14:16	10:14:58	10:15:14	Peak...c/s=38	Tot Cts=174	MaxkeV=102	
HXRBS						

Event # = 22738  
 89/05/09,13:53 DOY=129  
 Start Peak  
 Optical  
 GOES 13:53 13:53  
 BCS 13:53 13:55  
 FCS 13:46  
 UVSP 13:46

Ha...Class=SF S29E16 AR5476  
 Qual=00  
 CaPeak.c/s=21 Qual=5 FePeak=13:53  
 WaveLength=2788A Exp #=88559  
 Mac.=EAO Carr.Lon.=197deg H.Ang=30deg  
 FePeak.c/s=10 #Peaks=1 dt= 7.7s XEN=912900  
 Rast=0"x0" Cad=1.02s 1.024s/pixel  
 Rast=180"x1" Pitch=0" Step=0" Pitch=+167",Yaw=+378"

Event # = 11266  
 89/05/10 DOY=130  
 SMM Pointing: S29E13 Pitch=+333",Yaw=+315",Roll=-20deg H.Ang=29deg  
 GOES 00:26 00:37  
 HXRBS 00:26:05 00:28:03 00:30:20  
 UVSP 00:22

Importance=C3 Qual=01  
 Peak...c/s=55 Qual=01 Tot Cts=1373  
 WaveLength=1375A Code=00 Exp #=88588  
 MaxkeV=102  
 Rast=10"x10" Step=0" Pitch=+353",Yaw=+252"

Event # = 11267  
 89/05/10,02:07 DOY=130  
 Start Peak  
 Optical  
 GOES 02:02 02:07 02:11  
 HXRBS 02:04:18 02:04:34 02:05:07  
 BCS 02:04 02:06 02:21  
 FCS  
 UVSP 01:56

SMM Pointing: S29E12 Pitch=+337",Yaw=+305",Roll=-20deg H.Ang=29deg  
 Ha...Class=SF S30E08 AR5476  
 Importance=C3 Qual=03  
 Peak...c/s=48 Qual=01 Tot Cts=398  
 CaPeak.c/s=109 Qual=1 FePeak=02:05  
 WaveLength=1375A Code=00 Exp #=88597  
 Mac.=EAO Carr.Lon.=198deg H.Ang=28deg  
 MaxkeV=102  
 FePeak.c/s=27 #Peaks=1 dt= 3.8s XEN=913000  
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 Rast=10"x10" Pitch=0" Step=0" Pitch=+352",Yaw=+271"

Event # = 11268  
 89/05/10,03:55 DOY=130  
 Start Peak  
 Optical  
 GOES 03:48 03:55 04:04  
 HXRBS 03:48:00 03:49:27 03:52:32  
 UVSP 03:35  
 Radio Sweeps Type/Intensity:  
 Radio Frequency (MHz)/Flux(sfu): 245/110 410/78 606/130 1415/36 2695/25

SMM Pointing: S29E11 Pitch=+341",Yaw=+295",Roll=-20deg H.Ang=28deg  
 Ha...Class=SF N25E55 AR5478  
 Importance=C2 Qual=02  
 Peak...c/s=55 Qual=01 Tot Cts=2173  
 WaveLength=1375A Code=01 Exp #=88606  
 III/2  
 245/110 410/78 606/130 1415/36 2695/25  
 Mac.=CAO Carr.Lon.=150deg H.Ang=60deg  
 MaxkeV=102  
 Rast=30"x30" Step=5" Pitch=+356",Yaw=+249"

Event # = 11269  
 89/05/10,12:24 DOY=130  
 Start Peak  
 GOES 12:21 12:24 12:30  
 HXRBS 12:21:02 12:21:27 12:21:48  
 UVSP 12:07  
 Radio Sweeps Type/Intensity:

SMM Pointing: S29E06 Pitch=+363",Yaw=+231",Roll=-20deg H.Ang=27deg  
 Importance=C2 Qual=01  
 Peak...c/s=51 Qual=01 Tot Cts=363  
 WaveLength=2788A Code=00 Exp #=88617  
 III/1  
 MaxkeV=102  
 Rast=180"x1" Step=0" Pitch=+243",Yaw=+162"

Event # = 22739  
 89/05/11,00:35 DOY=131  
 Start Peak  
 GOES 00:23 00:35 00:50  
 BCS 00:37 00:38 00:53  
 FCS  
 UVSP 00:29

Importance=C4 Qual=05  
 CaPeak.c/s=81 Qual=5 FePeak=00:38  
 WaveLength=2788A Code=00 Exp #=88629  
 FePeak.c/s=9 #Peaks=1 dt= 3.8s XEN=913100  
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 Rast=180"x1" Pitch=0" Step=0" Pitch=+276",Yaw=+328"

Event # = 22740		DOY=131													
89/05/11,05:29	Start	End times	Peak												
Optical															
GOES															
BCS	05:21	05:52	05:29	FePeak=05:28	AR5476	S31W06	Qual=00	dt= 3.8s	XEN=913101						
FCS						Qual= 1		Cad= 262s	1.024s/pixel						
UVSP	05:22			Exp #=88637				Step=5"	Pitch=+453"						
Event # = 11270		DOY=131													
89/05/11,06:06	Start	End times	Peak												
Optical															
GOES															
HXRBS	06:05:36	06:09:18	06:06:33	Tot Cts=3941		S29W03	Qual=00	Step=5"	Pitch=+450"						
UVSP	05:55			Exp #=88641		Qual=01									
Event # = 11271		DOY=131													
89/05/11,06:11	Start	End times	Peak												
Optical															
GOES															
HXRBS	06:10:37	06:12:55	06:11:37	Tot Cts=175		S29W03	Qual=00	Step=5"	Pitch=+450"						
UVSP	05:55			Exp #=88641		Qual=01									
Radio															
Event # = 11272		DOY=131													
89/05/11,17:45	Start	End times	Peak												
Optical															
GOES															
HXRBS	17:40	17:53	17:45	Tot Cts=601		S29W09	Qual=01	Step=10"	Pitch=+450"						
UVSP	17:41:25	17:42:31	17:41:51	Exp #=88686		Code=00									
Radio															
Event # = 11273		DOY=132													
89/05/12,07:46	Start	End times	Peak												
Optical															
GOES															
HXRBS	07:46:20	07:46:51	07:46:30	Tot Cts=97		S29W17	Qual=00	Step=0"	Pitch=+359"						
UVSP	07:28			Exp #=88724		Qual=01									
Radio															
Event # = 11275		DOY=132													
89/05/12,12:17	Start	End times	Peak												
Optical															
GOES															
HXRBS	12:16:16	12:17:11	12:17:02	Tot Cts=302		S03W00	Qual=01	Step=0"	Pitch=-4"						
UVSP	12:08			Exp #=88730		N15E72	Qual=00								
Radio															
Event # = 11274		DOY=132													
89/05/12,15:21	Start	End times	Peak												
Optical															
GOES															
HXRBS	15:21:14	15:22:07	15:21:35	Tot Cts=239		S29W21	Qual=04	Step=0"	Pitch=+380"						
UVSP	15:14			Exp #=88734		Qual=01									
Radio															

Event # = 22741		89/05/13		DOY=133	
89/05/13	09:59	DOY=133	Peak		
GOES	09:57	09:59	10:05	End times	
BCS	09:59	09:59			
FCS	09:59	09:59			
UVSP	09:48	09:59			
Qual=03 Qual=1 FePeak=09:58 Exp #=88774 CaPeak.c/s=33 Peak3..c/s=15 Wavelength=2788A FePeak.c/s=11 Rast=240"x240" Rast=180"x1" #Peaks=1 Step=15" Step=0" dt= 7.7s XEN=913300 Cad= 262s Pitch=+545", Yaw=-245"					
Event # = 11276					
89/05/14	06:56	DOY=134	Peak		
Optical	06:52	06:56	07:00	End times	
GOES	06:53:16	06:53:36	06:54:49		
HXRBS	06:41	06:53:16	06:54:49		
UVSP	06:41	06:53:16	06:54:49		
SMM Pointing: Ha...Class=SF Importance=C5 Peak...c/s=317 Wavelength=1375A Code=00 S29W40 N07E09 Qual=03 Qual=01 Tot Cts=4036 Exp #=88805 Pitch=+593", Yaw=-357", Roll=-20deg H.Ang=47deg Mac.=CA0 Carr. Lon.=141deg H.Ang=13deg MaxkeV=144 Rast=30"x30" Step=5" Pitch=+656", Yaw=-449"					
Event # = 11278					
89/05/14	18:34	DOY=134	Peak		
Optical	18:30	18:34:02	18:34:24	End times	
GOES	18:30	18:34:02	18:34:24		
HXRBS	18:30	18:34:02	18:34:24		
UVSP	18:30	18:34:02	18:34:24		
SMM Pointing: Ha...Class=SF Peak...c/s=49 Wavelength=1375A Associated Event # = 11277 Qual=01 Tot Cts=149 N16E51 S21W20 Qual=01 Qual=01 Tot Cts=169 Exp #=88866 Event # = 11277 Tot Cts=149 Pitch=-515", Yaw=+572", Roll=-20deg H.Ang=54deg Mac.=CS0 Carr. Lon.=164deg H.Ang=27deg MaxkeV=102 Rast=30"x30" Step=5" Pitch=-541", Yaw=+598" MaxkeV=102					
Event # = 11283					
89/05/14	22:31	DOY=134	Peak		
Optical	22:27	22:31	22:34	End times	
GOES	22:28:04	22:29:39	22:29:59		
HXRBS	21:35	22:28:04	22:29:59		
UVSP	21:35	22:28:04	22:29:59		
SMM Pointing: Ha...Class=SN Importance=C2 Peak...c/s=36 Wavelength=2788A Code=00 N16E49 S29W62 Qual=04 Qual=01 Tot Cts=151 Exp #=88873 Pitch=-509", Yaw=+552", Roll=-20deg H.Ang=52deg Mac.=EAO Carr. Lon.=204deg H.Ang=64deg MaxkeV=144 Rast=243"x243" Step=3" Pitch=-503", Yaw=+568"					
Event # = 11279					
89/05/15	05:38	DOY=135	Peak		
Optical	05:33	05:38	05:41	End times	
GOES	05:34:19	05:34:56	05:36:38		
HXRBS	05:11	05:34:19	05:36:38		
UVSP	05:11	05:34:19	05:36:38		
SMM Pointing: Ha...Class=SN Importance=C7 Peak...c/s=74 Wavelength=2788A Code=01 N16E45 S20W26 Qual=01 Qual=01 Tot Cts=2483 Exp #=88882 Pitch=-496", Yaw=+510", Roll=-20deg H.Ang=48deg Mac.=CS0 Carr. Lon.=164deg H.Ang=31deg MaxkeV=102 Rast=180"x1" Step=0" Pitch=-363", Yaw=+442"					
Event # = 11284					
89/05/15	07:07	DOY=135	Peak		
Optical	07:06:23	07:07:03	07:12:41	End times	
GOES	06:43	07:06:23	07:12:41		
HXRBS	06:43	07:06:23	07:12:41		
UVSP	06:43	07:06:23	07:12:41		
SMM Pointing: Ha...Class=SF Peak...c/s=51 Wavelength=2788A N16E45 N19E47 Qual=00 Qual=01 Tot Cts=1350 Exp #=88884 Pitch=-496", Yaw=+510", Roll=-20deg H.Ang=48deg Mac.=DAO Carr. Lon.=90deg H.Ang=51deg MaxkeV=187 Rast=180"x1" Step=0" Pitch=-360", Yaw=+433"					



89/05/17 DOY=137

Event # = 11287  
 89/05/17, 09:57 DOY=137  
 Start Peak

SMM Pointing: Pitch=-374", Yaw=+154", Roll=-20deg  
 H. Ang=25deg

Optical  
 Ha...Class=SF  
 Importance=C4  
 Peak...c/s=41  
 Wavelength=2788A  
 Code=00

End times  
 10:11  
 09:07:08  
 09:07:23

AR5491  
 AR5491  
 Tot Cts=113  
 Exp #=88977

Mac.=BXO Carr. Lon.=73deg H. Ang=38deg  
 MaxkeV=102  
 Rast=180"x1" Step=0" Pitch=-236", Yaw=+73"

89/05/19 DOY=139

Event # = 22742  
 89/05/19, 16:58 DOY=139  
 Start Peak

SMM Pointing: Carr. Lon.=87deg  
 H. Ang=23deg

Optical  
 Ha...Class=SF  
 Importance=C2  
 CaPeak.c/s=22  
 Peak3...c/s=17  
 Wavelength=2788A  
 Code=02  
 Exp #=89069

End times  
 17:02  
 16:57  
 16:59

AR5488  
 AR5488  
 FePeak=16:56  
 Exp #=89069

Mac.=EKO  
 FePeak.c/s=9  
 Rast=180"x0" dt= 7.7s XEN=913900  
 Rast=180"x1" Step=0" Cad=1.02s 1.024s/pixel  
 Step=0" Pitch=-139", Yaw=+165"

89/05/20 DOY=140

Event # = 22743  
 89/05/20, 03:01 DOY=140  
 Start Peak

SMM Pointing: Carr. Lon.=88deg  
 H. Ang=27deg

Optical  
 Ha...Class=SF  
 CaPeak.c/s=31  
 Peak3...c/s=17  
 Wavelength=2788A

End times  
 03:05  
 03:04

AR5495  
 AR5495  
 FePeak=03:02  
 Exp #=89082

Mac.=CAI  
 FePeak.c/s=10  
 Rast=180"x0" dt= 7.7s XEN=914000  
 Rast=180"x1" Step=0" Cad=1.02s 1.024s/pixel  
 Step=0" Pitch=-97", Yaw=-176"

89/05/20, 04:35 DOY=140

Event # = 11292  
 89/05/20, 04:35 DOY=140  
 Start Peak

SMM Pointing: Pitch=-226", Yaw=-374", Roll=-20deg  
 H. Ang=27deg

Optical  
 Ha...Class=SF  
 Importance=C3  
 Peak...c/s=61  
 CaPeak.c/s=78  
 Peak3...c/s=25  
 Wavelength=2788A  
 Code=02  
 Exp #=89084

End times  
 04:37  
 04:33:33  
 04:34:26  
 04:41  
 04:37

AR5495  
 AR5495  
 Tot Cts=1039  
 FePeak=04:34  
 Exp #=89084

Mac.=CAI  
 MaxkeV=102  
 FePeak.c/s=18  
 Rast=240"x240" dt= 3.8s XEN=914001  
 Rast=243"x243" Step=15" Cad= 262s 1.024s/pixel  
 Step=3" Pitch=-218", Yaw=-361"

Associated  
 Qual= 1  
 Event # = 22744  
 FePeak=04:47

Associated  
 Qual= 4  
 Event # = 22745  
 FePeak=04:57

CaPeak.c/s=24  
 Peak3...c/s=38  
 CaPeak.c/s=25  
 Peak3...c/s=22

89/05/20, 06:46 DOY=140

Event # = 22746  
 89/05/20, 06:46 DOY=140  
 Start Peak

SMM Pointing: Carr. Lon.=86deg  
 H. Ang=28deg

Optical  
 Ha...Class=SF  
 CaPeak.c/s=21  
 Peak3...c/s=25  
 Wavelength=1375A

End times  
 06:48  
 06:46  
 06:46

AR5495  
 AR5495  
 FePeak=06:46  
 Exp #=89091

Mac.=CAI  
 FePeak.c/s=6  
 Rast=0"x0" dt= 7.7s XEN=914004  
 Rast=30"x30" Step=5" Cad=1.02s 1.024s/pixel  
 Pitch=-218", Yaw=+380"

Event # = 22747		DOY=140													
89/05/20	08:10	Start	Peak	End times											
GOES															
BCS	08:09	08:10	08:14	CaPeak.c/s=33	Qual=01	FePeak=08:10	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=914005					
FCS	08:12	08:12		Peak3..c/s=24	Qual= 1	Exp #=89093	Rast=0"x0"	Step=0"	Cad=1.02s	XEN=914006					
UVSP	07:45			Wavelength=1375A			Rast=70"x70"	Step=5"	Pitch=-282"	1.024s/pixel					
Event # = 11293		DOY=140		SMM Pointing:		N19W20		Pitch=-213", Yaw=-409", Roll=-20deg		H. Ang=29deg					
89/05/20	09:38	Start	Peak	End times											
GOES															
HXRBS	09:38:02	09:38:25	10:09:06	Peak...c/s=134	Qual=00	Tot Cts=83759	MaxkeV=631	Flags=EN,SA,DG							
UVSP	09:29			Wavelength=1375A	Qual=14	Exp #=89098	Rast=10"x10"	Step=0"	Pitch=-283"	1.024s/pixel					
Event # = 11294		DOY=140		SMM Pointing:		S02W00		Pitch=-1", Yaw=+6", Roll=-20deg		H. Ang=0deg					
89/05/20	13:12	Start	Peak	End times											
Optical															
GOES	13:08	13:12	13:21	Ha...Class=SF	N17W22	AR5488	Mac.=EKI	Carr. Lon.=90deg							
HXRBS	13:07:33	13:08:37	13:10:12	Importance=C4	Qual=03										
UVSP	13:09			Peak...c/s=61	Qual=01	Tot Cts=1181	MaxkeV=102	Step=0"	Pitch=-4"	1.024s/pixel					
Event # = 22748		DOY=140		SMM Pointing:		N22W23		Carr. Lon.=86deg		H. Ang=33deg					
89/05/20	21:34	Start	Peak	End times											
Optical															
GOES	21:34	21:34	21:58	CaPeak.c/s=43	Qual=00	AR5495	Mac.=CAI								
FCS	21:38	21:38		Peak3..c/s=46	Qual= 5	FePeak=21:35	FePeak.c/s=9	Step=0"	dt= 7.7s	XEN=914006					
UVSP	21:24			Wavelength=2788A		Exp #=89117	Rast=180"x1"	Step=0"	Cad=1.02s	1.024s/pixel					
Event # = 11300		DOY=141		SMM Pointing:		N19W28		Pitch=-172", Yaw=-511", Roll=-20deg		H. Ang=35deg					
89/05/21	00:22	Start	Peak	End times											
Optical															
GOES	00:15:52	00:22:58	00:50:32	Peak...c/s=230	Qual=03	Tot Cts=1.96E+5	MaxkeV=231	Flags=EN,ND							
HXRBS	00:30			Wavelength=2788A	Qual=03	Exp #=89121	Rast=180"x1"	Step=0"	Pitch=-34"	1.024s/pixel					
UVSP															
Event # = 22749		DOY=141		SMM Pointing:		N19W28		Pitch=-172", Yaw=-511", Roll=-20deg		H. Ang=35deg					
89/05/21	02:16	Start	Peak	End times											
Optical															
GOES	02:13	02:16	02:29	CaPeak.c/s=30	Qual=00	FePeak=02:16	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=914100					
BCS	02:13	02:16	02:29	Peak3..c/s=54	Qual= 1	Exp #=89123	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel					
FCS	02:04	02:22		Wavelength=2788A			Rast=180"x1"	Step=0"	Pitch=-30"	1.024s/pixel					
UVSP															
Event # = 22750		DOY=141		SMM Pointing:		N19W28		Pitch=-172", Yaw=-511", Roll=-20deg		H. Ang=35deg					
89/05/21	03:52	Start	Peak	End times											
Optical															
GOES	03:45	03:52	04:08	CaPeak.c/s=28	Qual=00	FePeak=03:53	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=914101					
BCS	03:45	03:52	04:08	Peak3..c/s=62	Qual= 4	Exp #=89125	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel					
FCS	03:56	03:56		Wavelength=2788A			Rast=180"x1"	Step=0"	Pitch=-26"	1.024s/pixel					
UVSP	03:35														

Event # = 22751	D0Y=141	Peak	End times	Qual=00	FePeak=04:34	#Peaks=1	dt= 7.7s	XEN=914102
89/05/21, 04:34	04:34	04:33	04:37	Qual=1	Exp #=89126	Step=0"	Cad=1.02s	1.024s/pixel
GOES	04:32					Step=0"	Pitch=-23"	Yaw=-363"
BGS	04:33							
FCS								
UVSP	04:39							
Wavelength=2788A								
Event # = 22752	D0Y=141	Peak	End times	Qual=00	FePeak=07:44	#Peaks=1	dt= 7.7s	XEN=914103
89/05/21, 07:44	07:44	07:45	07:45	Qual=5	Exp #=89135	Step=0"	Cad=1.02s	1.024s/pixel
GOES	07:44					Step=5"	Pitch=-196"	Yaw=-532"
BGS	07:44							
FCS	07:45							
UVSP	07:30							
Wavelength=1375A								
Event # = 11295	D0Y=141	Peak	End times	N19W35			Pitch=-139"	Yaw=-594"
89/05/21, 12:07	12:07						Roll=-20deg	H.Ang=40deg
Optical							Mac.=EKC	Carr.Lon.=90deg
GOES	12:03		12:10	N21W35	AR5495			H.Ang=41deg
BGS	12:04:13		12:04:43	Qual=03				
HXRBS	12:03		12:06	Qual=01	Tot Cts=297	#Peaks=1	dt= 3.8s	XEN=914104
BGS	12:03		12:24	Qual= 4	FePeak=12:06	Step=15"	Cad= 262s	1.024s/pixel
FCS	12:05					Step=0"	Pitch=-3"	Yaw=-415"
UVSP	12:23				Exp #=89147			
Radio								
Frequency(MHz)/Flux(sfu): 245/540								
Event # = 22753	D0Y=141	Peak	End times	Qual=00	FePeak=13:46	#Peaks=1	dt= 7.7s	XEN=914105
89/05/21, 13:46	13:46	13:46	13:50	Qual= 4	Exp #=89149	Step=0"	Cad=1.02s	1.024s/pixel
GOES	13:45					Step=0"	Pitch=+1"	Yaw=-425"
BGS	13:45							
FCS	13:46							
UVSP	13:56							
Wavelength=2788A								
Event # = 11296	D0Y=141	Peak	End times	N21W36			Pitch=-165"	Yaw=-614"
89/05/21, 15:15	15:15						Roll=-20deg	H.Ang=42deg
Optical							Mac.=EKC	Carr.Lon.=91deg
GOES	14:48		15:23	N23W38	AR5495			H.Ang=45deg
BGS	15:13:29		15:16:33	Qual=04				
HXRBS	15:13:29		15:13:58	Qual=02	Tot Cts=7260	Flags=SA	dt= 3.8s	XEN=914106
BGS	14:36		15:34	Qual= 7	FePeak=15:15	#Peaks=1	Cad= 262s	1.024s/pixel
FCS	15:15					Step=15"	Pitch=-26"	Yaw=-436"
UVSP	15:28				Exp #=89151	Step=0"		
Wavelength=2788A								
Event # = 22754	D0Y=141	Peak	End times	N20W34			Mac.=EKC	Carr.Lon.=86deg
89/05/21, 16:50	16:50	16:54	17:06	Qual=00	AR5495			H.Ang=40deg
Optical								
GOES	16:50			N20W34				
BGS	16:50			Qual= 4	FePeak=16:50	#Peaks=1	dt= 7.7s	XEN=914107
FCS	16:50					Step=0"	Cad=1.02s	1.024s/pixel
UVSP	17:01				Exp #=89153	Step=0"	Pitch=-23"	Yaw=-446"
Wavelength=2788A								

Event # = 11297		DOY=141		SMM Pointing:		N21W37		Pitch=-159" , Yaw=-625" , Roll=-20deg		H. Ang=43deg	
89/05/21 17:39		Peak		End times		N21W37		Carr. Lon.=84deg		H. Ang=39deg	
Optical								Mac.=EKC			
GOES 17:35		17:39		17:49		N22W32		MaxkeV=102			
HXRBs 17:40:12		17:40:41		17:42:48		Qual=05		Rast=180"x1"		Step=0" Pitch=-21" , Yaw=-449"	
UVSP 17:31						Qual=01					
						Code=00					
Event # = 11298		DOY=141		SMM Pointing:		N21W38		Pitch=-155" , Yaw=-635" , Roll=-20deg		H. Ang=43deg	
89/05/21 18:02		Peak		End times		N21W38		Carr. Lon.=84deg		H. Ang=39deg	
Optical						N22W32		Mac.=EKC			
GOES 17:57		18:02		18:24		Qual=03		MaxkeV=231			
HXRBs 17:57:15		18:00:36		18:03:48		Qual=03		FePeak.c/s=625		dt= 7.7s XEN=914108	
BCS 17:40		18:02		18:25		Qual=1		Rast=180"x180"		Cad= 332s 1.024s/pixel	
FCS 17:44		17:44						Rast=180"x1"		Pitch=0" Step=0"	
UVSP 17:31								Exp #=89154			
Radio Sweeps		Type/Intensity:									
Radio		Frequency(MHz)/Flux(sfu):		245/1900 410/370 606/1100 1415/180 2695/130 4995/210 8800/300 15400/160							
BCS 18:25		18:39				Associated		FePeak.c/s=9		#Peaks=1 dt= 7.7s XEN=914109	
FCS 18:31						Qual= 5		Rast=240"x240"		Step=15" Cad= 262s 1.024s/pixel	
UVSP 18:35								Rast=180"x1"		Pitch=0" Step=0"	
Event # = 22756		DOY=141		SMM Pointing:		N21W36		Pitch=-17" , Yaw=-458"		H. Ang=42deg	
89/05/21 18:56		Peak		End times		N21W36		Carr. Lon.=87deg		H. Ang=45deg	
Optical						Qual=05		Mac.=EKC			
GOES 18:53		18:56		19:09		Qual=5		FePeak.c/s=8		#Peaks=1 dt= 3.8s XEN=914110	
BCS 19:14		19:14		20:06				Rast=240"x240"		Step=15" Cad= 262s 1.024s/pixel	
FCS 19:18								Rast=180"x1"		Pitch=0" Step=0"	
UVSP 19:05								Exp #=89156			
Event # = 22757		DOY=141		SMM Pointing:		N21W40		Pitch=-147" , Yaw=-656" , Roll=-20deg		H. Ang=45deg	
89/05/21 20:47		Peak		End times		N21W40		Carr. Lon.=32deg		H. Ang=25deg	
Optical						S21E17		Mac.=DAI			
GOES 20:47		20:47		20:51		Qual=00		MaxkeV=102			
BCS 20:47		20:48				Qual=5		Rast=180"x1"		Step=0" Pitch=-14" , Yaw=-468"	
FCS 20:48											
UVSP 20:37								Exp #=89158			
Event # = 22758		DOY=141		SMM Pointing:		N21W40		Pitch=-147" , Yaw=-656" , Roll=-20deg		H. Ang=45deg	
89/05/21 20:59		Peak		End times		N21W40		Carr. Lon.=32deg		H. Ang=25deg	
Optical						S21E17		Mac.=DAI			
GOES 20:59		20:59		21:22		Qual=00		MaxkeV=102			
BCS 20:59		21:12				Qual=1		Rast=180"x1"		Step=0" Pitch=-14" , Yaw=-468"	
FCS 20:37											
UVSP 20:37								Exp #=89158			
Event # = 11304		DOY=141		SMM Pointing:		N21W40		Pitch=-147" , Yaw=-656" , Roll=-20deg		H. Ang=45deg	
89/05/21 22:35		Peak		End times		N21W40		Carr. Lon.=32deg		H. Ang=25deg	
Optical						S21E17		Mac.=DAI			
GOES 22:28		22:35		22:40		Qual=01		MaxkeV=102			
HXRBs 22:33:47		22:34:20		22:34:55		Qual=01		Rast=180"x1"		Step=0" Pitch=-10" , Yaw=-477"	
UVSP 22:11								Exp #=89160			

Event # = 11305  
 89/05/21, 22:50 DOY=141  
 Start Peak End times  
 Optical  
 N21W41  
 SMM Pointing: N21W41  
 Ha...Class=SN  
 N21W38  
 S21E17  
 Ha...Class=SN  
 Qual=01  
 Importance=C8  
 Peak...c/s=151  
 Qual=01  
 CaPeak.c/s=353  
 Qual=1  
 Peak3...c/s=75  
 Wavelength=2788A  
 245/75 2695/57 4995/62  
 FCS 22:42 22:50 23:00  
 HXRBS 22:46:36 22:47:16 22:49:25  
 BCS 22:47 22:49 23:18  
 FCS 22:54  
 UVSP 23:13  
 Radio Frequency(MHz)/Flux(sfu):

Pitch=-143", Yaw=-666", Roll=-20deg  
 Mac.=EKC  
 Carr.Lon.=87deg  
 Carr.Lon.=32deg  
 MaxkeV=187 dt= 3.8s XEN=914113  
 FePeak.c/s=80 #Peaks=2 Cad= 332s  
 Rast=180"x180" Step=10" Pitch=-8", Yaw=-483"  
 Rast=180"x1" Step=0" Pitch=-8", Yaw=-483"

Event # = 11299  
 89/05/21, 23:14 DOY=141  
 Start Peak End times  
 Optical  
 N21W41  
 SMM Pointing: N21W41  
 Ha...Class=SN  
 N21W38  
 S21E17  
 Ha...Class=SN  
 Qual=01  
 Importance=C4  
 Peak...c/s=54  
 Wavelength=2788A  
 245/75 2695/57 4995/62  
 FCS 23:11 23:14 23:17  
 HXRBS 23:12:19 23:13:16 23:13:27  
 UVSP 23:13

Pitch=-143", Yaw=-666", Roll=-20deg  
 Mac.=EKC  
 Carr.Lon.=87deg  
 MaxkeV=102  
 Rast=180"x1" Step=0" Pitch=-8", Yaw=-483"

Event # = 22759  
 89/05/22, 00:37 DOY=142  
 Start Peak End times  
 Optical  
 S21E16  
 Ha...Class=2B  
 S21E16  
 Importance=M6  
 CaPeak.c/s=58  
 Peak3...c/s=62  
 Wavelength=2788A  
 245/7300 410/20000 606/12000 1415/2500 2695/160 4995/140 8800/98 15400/84  
 FCS 00:17 00:37 02:00  
 BCS 23:53 00:16 00:37  
 FCS 00:11  
 UVSP 00:47  
 Radio Sweeps Type/Intensity:  
 Radio Frequency(MHz)/Flux(sfu):

Mac.=DAI  
 Carr.Lon.=32deg  
 H.Ang=25deg  
 FePeak.c/s=11 #Peaks=2 dt= 7.7s XEN=914114  
 Rast=240"x240" Step=15" Cad= 262s  
 Rast=180"x1" Step=0" Pitch=-4", Yaw=-492"

Event # = 11306  
 89/05/22, 04:37 DOY=142  
 Start Peak End times  
 Optical  
 N21W44  
 SMM Pointing: N21W44  
 Ha...Class=SF  
 N21W38  
 Qual=05  
 Importance=C6  
 Peak...c/s=49  
 Wavelength=1375A  
 245/7300 410/20000 606/12000 1415/2500 2695/160 4995/140 8800/98 15400/84  
 HXRBS 04:38:58 04:39:17 04:39:51  
 UVSP 04:34

Pitch=-130", Yaw=-699", Roll=-20deg  
 Mac.=EKC  
 Carr.Lon.=84deg  
 H.Ang=48deg  
 MaxkeV=144  
 Rast=265"x265" Step=5" Pitch=-122", Yaw=-686"

Event # = 22760  
 89/05/22, 05:21 DOY=142  
 Start Peak End times  
 G0ES 04:41 05:21 05:29  
 BCS 04:41 04:49  
 FCS  
 UVSP 04:38

FePeak.c/s=12 #Peaks=3 dt= 7.7s XEN=914200  
 Rast=240"x240" Step=15" Cad= 262s  
 Rast=70"x70" Step=5" Pitch=-185", Yaw=-643"

Event # = 11308		SMM Pointing:				Pitch=-126", Yaw=-709", Roll=-20deg		H. Ang=49deg		
89/05/22,06:30		DOY=142		Peak						
Optical		N21W45		AR5488				H. Ang=51deg		
GOES	06:27	06:30		06:33		06:28:02		06:29:35		
HXRBS	06:27:34	06:28:02		06:29:35		06:29		06:37		
BGS	06:22	06:29		06:37		06:26		06:34		
FCS	06:22	06:29		06:37		06:26		06:34		
UVSP	06:22	06:29		06:37		06:26		06:34		
Radio Sweeps	Type/Intensity:									
Radio	Frequency(MHz)/Flux(sfu):									
	245/1200		410/110		1415/51		2695/39		4995/110	
	8800/51									
Event # = 22761		SMM Pointing:				Pitch=-126", Yaw=-709", Roll=-20deg		H. Ang=49deg		
89/05/22,06:51		DOY=142		Peak						
Optical		N21W45		AR5488				H. Ang=51deg		
GOES	06:27	06:30		06:33		06:28:02		06:29:35		
HXRBS	06:27:34	06:28:02		06:29:35		06:29		06:37		
BGS	06:22	06:29		06:37		06:26		06:34		
FCS	06:22	06:29		06:37		06:26		06:34		
UVSP	06:22	06:29		06:37		06:26		06:34		
Radio Sweeps	Type/Intensity:									
Radio	Frequency(MHz)/Flux(sfu):									
	245/1200		410/110		1415/51		2695/39		4995/110	
	8800/51									
Event # = 22762		SMM Pointing:				Pitch=-126", Yaw=-709", Roll=-20deg		H. Ang=49deg		
89/05/22,08:18		DOY=142		Peak						
Optical		N21W45		AR5488				H. Ang=51deg		
GOES	06:27	06:30		06:33		06:28:02		06:29:35		
HXRBS	06:27:34	06:28:02		06:29:35		06:29		06:37		
BGS	06:22	06:29		06:37		06:26		06:34		
FCS	06:22	06:29		06:37		06:26		06:34		
UVSP	06:22	06:29		06:37		06:26		06:34		
Radio Sweeps	Type/Intensity:									
Radio	Frequency(MHz)/Flux(sfu):									
	245/1200		410/110		1415/51		2695/39		4995/110	
	8800/51									
Event # = 11307		SMM Pointing:				Pitch=-656", Yaw=-360", Roll=90deg		H. Ang=52deg		
89/05/22,11:22		DOY=142		Peak						
Optical		N21W48		AR5497				H. Ang=21deg		
GOES	11:18	11:22		11:29		11:20:36		11:20:42		
HXRBS	11:20:16	11:20:36		11:20:42		10:46		11:46		
BGS	11:18	11:22		11:29		11:20:36		11:20:42		
FCS	11:20:16	11:20:36		11:20:42		10:46		11:46		
UVSP	10:46	11:22		11:29		11:20:36		11:20:42		
Radio Sweeps	Type/Intensity:									
Radio	Frequency(MHz)/Flux(sfu):									
	245/1200		410/110		1415/51		2695/39		4995/110	
	8800/51									
Event # = 11309		SMM Pointing:				Pitch=-105", Yaw=-756", Roll=-20deg		H. Ang=54deg		
89/05/22,15:33		DOY=142		Peak						
Optical		N21W50		AR5495				H. Ang=52deg		
GOES	15:16	15:33		16:00		15:23:17		15:34:48		
HXRBS	15:21:13	15:23:17		15:34:48		15:32		16:04		
BGS	15:21	15:32		16:04		15:34		16:04		
FCS	15:21	15:32		16:04		15:34		16:04		
UVSP	15:11	15:33		16:00		15:23:17		15:34:48		
Radio Sweeps	Type/Intensity:									
Radio	Frequency(MHz)/Flux(sfu):									
	245/1200		410/110		1415/51		2695/39		4995/110	
	8800/51									
Event # = 22763		SMM Pointing:				Pitch=-105", Yaw=-756", Roll=-20deg		H. Ang=54deg		
89/05/22,16:04		DOY=142		Peak						
Optical		N21W50		AR5495				H. Ang=52deg		
GOES	16:04	16:11		16:18		16:04		16:11		
HXRBS	16:04	16:11		16:18		16:04		16:11		
BGS	16:04	16:11		16:18		16:04		16:11		
FCS	16:04	16:11		16:18		16:04		16:11		
UVSP	16:14	16:11		16:18		16:04		16:11		
Radio Sweeps	Type/Intensity:									
Radio	Frequency(MHz)/Flux(sfu):									
	245/1200		410/110		1415/51		2695/39		4995/110	
	8800/51									

Event # = 11310	DOY=142	SMM Pointing:	N21W50	Pitch=-1.05", Yaw=-758", Roll=-20deg	H. Ang=54deg
89/05/22 16:56	Peak	End times			
Optical		Ha...Class=SF	S22E07	Mac.=DAI	Carr. Lon.=32deg
GOES	16:54:39	16:55:14	Qual=04	MaxkeV=102	dt= 7.7s
HXRBS	16:55	17:03	Qual=01	FePeak.c/s=9	XEN=914206
BCS	16:58		Qual= 1	Rast=0"x0"	Cad=1.02s
FCS				Rast=180"x1"	Pitch=+32", Yaw=-578"
UVSP				Exp #=89202	
Event # = 22764	DOY=142	SMM Pointing:	N21W50	Pitch=-1.05", Yaw=-758", Roll=-20deg	H. Ang=54deg
89/05/22 18:27	Peak	End times			
Optical		Ha...Class=SN	N22W50	Mac.=EKC	Carr. Lon.=87deg
GOES	18:27	18:46	Qual=00	FePeak.c/s=7	dt= 7.7s
BCS	18:40		Qual= 5	Rast=0"x0"	XEN=914207
FCS				Rast=180"x1"	Cad=1.02s
UVSP				Exp #=89204	Pitch=+35", Yaw=-585"
Event # = 22765	DOY=142	SMM Pointing:	N22W50	Pitch=-1.05", Yaw=-758", Roll=-20deg	H. Ang=54deg
89/05/22 20:11	Peak	End times			
Optical		Ha...Class=SF	N16W56	Mac.=EKI	Carr. Lon.=92deg
GOES	20:06	20:17	Qual=01	FePeak.c/s=7	dt= 7.7s
BCS	20:12		Qual= 1	Rast=0"x0"	XEN=914208
FCS				Rast=180"x1"	Cad=1.02s
UVSP				Exp #=89206	Pitch=+38", Yaw=-593"
Event # = 22766	DOY=142	SMM Pointing:	N21W53	Pitch=-91", Yaw=-790", Roll=-20deg	H. Ang=57deg
89/05/22 21:59	Peak	End times			
Optical		Ha...Class=SF	N16W56	Mac.=EKI	Carr. Lon.=92deg
GOES	21:57	22:06	Qual=01	FePeak.c/s=7	dt= 7.7s
BCS	22:01		Qual= 4	Rast=0"x0"	XEN=914209
FCS				Rast=180"x1"	Cad=1.02s
UVSP				Exp #=89208	Pitch=+41", Yaw=-600"
Event # = 11311	DOY=142	SMM Pointing:	N21W53	Pitch=-91", Yaw=-790", Roll=-20deg	H. Ang=57deg
89/05/22 23:26	Peak	End times			
Optical		Ha...Class=SF	N16W56	Mac.=EKI	Carr. Lon.=92deg
GOES	23:26:16	23:27:21	Qual=00	FePeak.c/s=7	dt= 7.7s
HXRBS	23:26:16		Qual=01	Rast=0"x0"	XEN=914209
UVSP	22:56			Rast=180"x1"	Cad=1.02s
				Exp #=89210	Pitch=+44", Yaw=-607"
Event # = 22767	DOY=143	SMM Pointing:	89/05/23	Pitch=-91", Yaw=-790", Roll=-20deg	H. Ang=57deg
89/05/23 00:53	Peak	End times	DOY=143		
Optical		Ha...Class=SF	N16W56	Mac.=EKI	Carr. Lon.=92deg
GOES	00:51	00:56	Qual=00	FePeak.c/s=7	dt= 7.7s
BCS	00:53		Qual= 4	Rast=0"x0"	XEN=914300
FCS				Rast=180"x1"	Cad=1.02s
UVSP	00:28			Exp #=89212	Pitch=+47", Yaw=-614"

Event # = 22768 89/05/23, 00:59 Start Peak DOY=143	End times								
Optical		Ha...Class=SF	N22W52	AR5495	Mac.=EKI	Carr. Lon.=87deg	H. Ang=56deg		
GOES		CaPeak.c/s=31	Qual=00		FePeak.c/s=12	#Peaks=1	dt= 7.7s	XEN=914301	
FCS	00:58	Wave length=2788A	Qual= 1	FePeak=00:59	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel	
UVSP	00:28			Exp #=89212	Rast=180"x1"	Step=0"	Pitch=+47"	Yaw=-614"	
Radio	Frequency(MHz)/Flux(sfu):	245/96							
Event # = 22769 89/05/23, 02:33 Start Peak DOY=143	End times								
Optical		Ha...Class=SF	S19E02	AR5497	Mac.=EKI	Carr. Lon.=32deg	H. Ang=17deg		
GOES		CaPeak.c/s=45	Qual= 1	FePeak=02:33	FePeak.c/s=11	#Peaks=2	dt= 3.8s	XEN=914302	
FCS	02:12	Wave length=2788A		Exp #=89215	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel	
UVSP	03:04				Rast=180"x1"	Step=0"	Pitch=+52"	Yaw=-626"	
Event # = 11312 89/05/23, 03:27 Start Peak DOY=143	End times	SMM Pointing:	N21W56						
Optical		Ha...Class=SF	S19E03	AR5497	Mac.=EKI	Carr. Lon.=30deg	H. Ang=18deg		
GOES	03:04	Importance=C7	Qual=05		MaxkeV=144	Flags=SM			
HXRBS	03:45:03	Peak...c/s=54	Qual=02	Tot Cts=2137	Rast=180"x1"	Step=0"	Pitch=+53"	Yaw=-628"	
UVSP	03:34	Wave length=2788A	Code=02	Exp #=89216					
Event # = 11313 89/05/23, 05:00 Start Peak DOY=143	End times	SMM Pointing:	N21W56						
Optical		Importance=C9	Qual=02						
GOES	04:41	Peak...c/s=72	Qual=01	Tot Cts=1875					
HXRBS	04:39:40	Wave length=2788A		Exp #=89218					
UVSP	05:20								
Event # = 11314 89/05/23, 07:12 Start Peak DOY=143	End times	SMM Pointing:	N21W57						
Optical		Ha...Class=SF	S22W08	AR5498	Mac.=EKI	Carr. Lon.=39deg	H. Ang=60deg		
GOES	07:06	Importance=C9	Qual=01		MaxkeV=102	Flags=SA			
HXRBS	07:07:18	Peak...c/s=77	Qual=02	Tot Cts=2643	Rast=70"x70"	Step=5"	Pitch=-102"	Yaw=-806"	
UVSP	06:56	Wave length=1375A	Code=00	Exp #=89220					
Event # = 11315 89/05/23, 07:35 Start Peak DOY=143	End times	SMM Pointing:	N21W57						
Optical		Ha...Class=SF	S19W01	AR5497	Mac.=EKI	Carr. Lon.=32deg	H. Ang=60deg		
GOES	07:31	Importance=C9	Qual=01		MaxkeV=102	Flags=SA			
HXRBS	07:31:10	Peak...c/s=49	Qual=01	Tot Cts=1064	Rast=70"x70"	Step=5"	Pitch=-102"	Yaw=-806"	
UVSP	06:56	Wave length=1375A	Code=00	Exp #=89220					



Event # = 22770		DOY=143		End times			
89/05/23,12:06	Start	Peak					
GOES	12:01	12:06	12:18	Qual=01	FePeak=12:02	FePeak.c/s=15	#Peaks=1
BCS				Qual=1	Exp #=89238	Rast=0"x0"	Step=0"
FCS						Rast=180"x1"	dt= 3.8s
UVSP	12:22						XEN=914303
							Cad=1.02s
							1.024s/pixel
							Pitch=+68" ,Yaw=-663"
Event # = 22772		DOY=143		End times			
89/05/23,13:04	Start	Peak					
Optical				S17W16	AR5494	Mac. =BX0	Carr. Lon. =44deg
GOES	12:51	13:04	13:30	Ha...Class=SF			H. Ang=22deg
BCS	13:02	13:03	13:35	Importance=C6			
FCS				Qual=03	FePeak=13:03	FePeak.c/s=8	#Peaks=1
UVSP	12:50	13:02		Qual=5	Exp #=89239	Rast=0"x0"	Step=0"
						Rast=180"x1"	dt= 7.7s
							XEN=914304
							Cad=1.02s
							1.024s/pixel
							Pitch=+68" ,Yaw=-665"
Event # = 22773		DOY=143		End times			
89/05/23,14:50	Start	Peak					
Optical				N18W64	AR5488	Mac. =EAO	Carr. Lon. =91deg
GOES	14:35	14:50	15:05	Ha...Class=SF			H. Ang=66deg
BCS	14:43	14:44	15:15	Importance=C7			
FCS				Qual=02	FePeak=14:44	FePeak.c/s=11	#Peaks=1
UVSP	14:23	14:43		Qual=7	Exp #=89241	Rast=0"x0"	Step=0"
						Rast=180"x1"	dt= 7.7s
							XEN=914305
							Cad=1.02s
							1.024s/pixel
							Pitch=+71" ,Yaw=-668"
Event # = 22774		DOY=143		End times			
89/05/23,16:10	Start	Peak					
Optical				S17W18	AR5494	Mac. =BX0	Carr. Lon. =44deg
GOES	16:05	16:10	16:15	Ha...Class=SF			H. Ang=23deg
BCS	16:08	16:08	16:11	Importance=C4			
FCS				Qual=01	FePeak=16:10	FePeak.c/s=7	#Peaks=1
UVSP	15:55	16:08		Qual=5	Exp #=89243	Rast=0"x0"	Step=0"
						Rast=180"x1"	dt= 7.7s
							XEN=914306
							Cad=1.02s
							1.024s/pixel
							Pitch=+74" ,Yaw=-676"
Event # = 22775		DOY=143		End times			
89/05/23,17:25	Start	Peak					
GOES	17:20	17:25	17:30	Importance=C5	FePeak=17:40	FePeak.c/s=8	#Peaks=1
BCS	17:40	17:40	17:43	CaPeak.c/s=19	Exp #=89245	Rast=0"x0"	Step=0"
FCS				Qual=05		Rast=180"x1"	dt= 7.7s
UVSP	17:29	17:40		Qual=5			XEN=914307
							Cad=1.02s
							1.024s/pixel
							Pitch=+76" ,Yaw=-681"
Event # = 22776		DOY=143		End times			
89/05/23,18:30	Start	Peak					
Optical				N20W65	AR5495	Mac. =EKI	Carr. Lon. =90deg
GOES	18:20	18:30	18:35	Ha...Class=SF			H. Ang=67deg
BCS	18:18	18:26	18:37	Importance=C5			
FCS				Qual=05	FePeak=18:25	FePeak.c/s=27	#Peaks=1
UVSP	18:27	18:30		Qual=1	Exp #=89246	Rast=0"x0"	Step=0"
						Rast=180"x1"	dt= 3.8s
							XEN=914308
							Cad=1.02s
							1.024s/pixel
							Pitch=+77" ,Yaw=-684"

Event # = 22777												
89/05/23,19:28 DOY=143												
Peak Start End times												
GOES	19:26	19:36	19:28	19:36	CaPeak.c/s=26	Qual=00 Qual= 4	FePeak=19:26	Exp #=89247	FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+78",Yaw=-686"	XEN=914309 1.024s/pixel
FCS					Wavelength=2788A							
UVSP	19:01											
Event # = 11316												
89/05/23,20:06 DOY=143												
Peak Start End times												
Optical					SMM Pointing:	N21W64			Pitch=-57",Yaw=-870",Roll=-20deg		H.Ang=67deg	
GOES	20:00	20:20	20:06	20:20	Ha...Class=SF Importance=C8	S19W04 Qual=03	AR5497		Mac.=EKI	Carr.Lon.=28deg	H.Ang=18deg	
HXRBS	20:01:04	20:04:17	20:01:30	20:04:17	Peak...c/s=70	Qual=01	Tot Cts=2340		MaxkeV=102	Step=0"		
UVSP	19:59				Wavelength=2788A	Code=00	Exp #=89248		Rast=180"x1"	Step=0"	Pitch=+80",Yaw=-689"	
Event # = 11317												
89/05/23,22:26 DOY=143												
Peak Start End times												
Optical					SMM Pointing:	N21W66			Pitch=-50",Yaw=-882",Roll=-20deg		H.Ang=69deg	
GOES	22:22:49	22:26:16	22:24:01	22:26:16	Ha...Class=SN	S26W34 Qual=01	AR5490		Mac.=HSX	Carr.Lon.=57deg	H.Ang=41deg	
HXRBS	22:24	22:33	22:26	22:33	Peak...c/s=63 CaPeak.c/s=21	Qual=01 Qual= 4	Tot Cts=1712 FePeak=22:24		MaxkeV=187	Step=0"		
FCS					Wavelength=1375A		Exp #=89252		FePeak.c/s=13 Rast=0"x0" Rast=70"x70"	Step=5"	Pitch=+38",Yaw=-946"	XEN=914310 1.024s/pixel
UVSP	22:26											
Event # = 11318												
89/05/23,22:34 DOY=143												
Peak Start End times												
Optical					SMM Pointing:	N21W66			Pitch=-50",Yaw=-882",Roll=-20deg		H.Ang=69deg	
GOES	22:34:27	22:34:56	22:34:45	22:34:56	Ha...Class=SF	S18W06 Qual=01	AR5497		Mac.=EKI	Carr.Lon.=29deg	H.Ang=17deg	
HXRBS	22:34:27	22:34:56	22:34:45	22:34:56	Peak...c/s=39	Qual=01	Tot Cts=104		MaxkeV=102	Step=5"	Pitch=+38",Yaw=-946"	
UVSP	22:26				Wavelength=1375A		Exp #=89252		Rast=70"x70"			
Event # = 22778												
89/05/23,23:05 DOY=143												
Peak Start End times												
GOES	23:03	23:15	23:05	23:15	CaPeak.c/s=29	Qual=00 Qual= 4	FePeak=23:06		FePeak.c/s=12 Rast=0"x0" Rast=70"x70"	#Peaks=1 Step=0" Step=5"	dt= 7.7s Cad=1.02s Pitch=+38",Yaw=-946"	XEN=914311 1.024s/pixel
FCS					Wavelength=1375A		Exp #=89252					
UVSP	22:26											
Event # = 22779												
89/05/24,00:14 DOY=144												
Peak Start End times												
Optical					Ha...Class=SF	S19E72 Qual=01 Qual= 1	AR5505		Mac.=CHO	Carr.Lon.=310deg	H.Ang=72deg	
GOES	00:10	00:34	00:14	00:34	CaPeak.c/s=44 Peak3...c/s=-1	Qual= 1	FePeak=00:11		FePeak.c/s=12 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=5"	dt= 7.7s Cad=1.02s Pitch=-35",Yaw=-897"	XEN=914400 1.024s/pixel
FCS					Wavelength=1375A		Exp #=89257					
UVSP	00:13											

Event # = 22780									
89/05/24, 02:59	DOY=144	Peak	End times						
GOES	02:57	02:59	03:17	03:17	CaPeak.c/s=32	Qual=00	FePeak=03:01	FePeak.c/s=11	#Peaks=1
BCS						Qual= 4		Rast=0"x0"	Step=0"
FCS								Rast=265"x265"	Step=5"
UVSP	02:58				Wavelength=1375A		Exp #=89267		
Event # = 22781									
89/05/24, 03:27	DOY=144	Peak	End times						
GOES	03:24	03:27	03:54	03:54	CaPeak.c/s=31	Qual=00	FePeak=03:26	FePeak.c/s=7	#Peaks=2
BCS					Peak3..c/s=-1	Qual= 1		Rast=0"x0"	Step=0"
FCS					Wavelength=1375A		Exp #=89271	Rast=30"x30"	Step=5"
UVSP	03:18								
Event # = 11319									
89/05/24, 05:03	DOY=144	Peak	End times		SMM Pointing: N21W68				
GOES	05:03:28	05:03:34	05:03:45	05:03:45	Peak...c/s=41	Qual=00	Tot Cts=53	MaxkeV=102	#Peaks=1
HXRBS					Wavelength=1375A	Qual=01	Exp #=89278	Rast=30"x30"	Step=5"
UVSP	04:52								
Event # = 22782									
89/05/24, 06:18	DOY=144	Peak	End times		Ha...Class=SF				
GOES	06:18	06:18	06:35	06:35	CaPeak.c/s=50	Qual=05	FePeak=06:18	Mac.=CAO	Carr.Lon.=91deg
BCS						Qual= 5			H.Ang=74deg
FCS								FePeak.c/s=12	#Peaks=1
UVSP	06:08				Wavelength=1375A		Exp #=89283	Rast=240"x240"	Step=15"
Event # = 22783									
89/05/24, 06:59	DOY=144	Peak	End times						
GOES	06:47	06:59	06:59	06:59	CaPeak.c/s=47	Qual=00	FePeak=06:59	FePeak.c/s=10	#Peaks=1
BCS					Peak3..c/s=-1	Qual= 2		Rast=0"x0"	Step=0"
FCS					Wavelength=1375A		Exp #=89287	Rast=30"x30"	Step=5"
UVSP	06:41								
Event # = 11320									
89/05/24, 07:56	DOY=144	Peak	End times		SMM Pointing: N21W72				
Optical						N25W76	AR5495	Mac.=FAI	Carr.Lon.=94deg
GOES	07:52	07:56	07:59	07:59	Importance=C6	Qual=01	Tot Cts=1078	MaxkeV=144	#Peaks=1
HXRBS	07:53:51	07:55:01	07:56:30	07:56:30	Peak...c/s=90	Qual=01	FePeak=07:55	FePeak.c/s=24	Step=15"
BCS					CaPeak.c/s=130	Qual= 5	Exp #=89292	Rast=240"x240"	Step=15"
FCS	07:55	07:55	08:04	08:04	Peak3..c/s=-1	Code=00		Rast=10"x10"	Step=0"
UVSP	07:54				Wavelength=1375A				

**Event # = 11321**  
**89/05/24, 13:54**    **DOY=144**    **Pitch=-36", Yaw=-917", Roll=-20deg**    **H.Ang=75deg**  
**Start**    **Peak**

**Optical**  
 GOES    13:45    13:54    14:41    **S21W20**  
           **Ha...Class=IN**    **Qual=02**  
 HXRBS    13:47:45    13:49:00    13:50:15    **Qual=01**  
           **Peak...c/s=82**  
 FCS    13:47    14:21    14:23    **CaPeak.c/s=131**  
           **Qual=7**

UVSP    13:34    **Wavelength=2788A**    **Code=01**  
           **Associated**

GOES    14:25    14:27    14:37    **FePeak.c/s=5**    **#Peaks=1**    **dt= 7.7s**    **XEN=914407**  
           **Qual=05**    **Qual= 1**    **Step=15"**    **Cad= 262s**  
 FCS    **Rast=240"x240"**    **Step=0"**    **Pitch=+495"**    **Yaw=-28"**  
 UVSP    14:33    **Wavelength=2788A**    **Exp #=89310**

**Mac.=EKI**    **Carr. Lon.=34deg**    **H.Ang=28deg**  
**MaxkeV=102**  
**FePeak.c/s=21**    **#Peaks=1**    **dt= 3.8s**    **XEN=914406**  
**Rast=240"x240"**    **Step=15"**    **Cad= 262s**    **1.024s/pixel**  
**Rast=180"x1"**    **Step=0"**    **Pitch=+101"**    **Yaw=-735"**

**Event # = 22784**  
**89/05/24, 19:34**    **DOY=144**  
**Start**    **Peak**

**Optical**  
 GOES    19:24    19:34    19:50    **N20E77**  
           **Ha...Class=SF**    **Qual=05**  
 FCS    19:58    19:59    20:05    **Qual= 4**  
           **Importance=C7**    **CaPeak.c/s=34**  
 UVSP    19:46    **Wavelength=2788A**    **Exp #=89317**

**Mac.=HAX**    **Carr. Lon.=294deg**    **H.Ang=78deg**  
**FePeak.c/s=10**    **#Peaks=1**    **dt= 7.7s**    **XEN=914408**  
**Rast=0"x0"**    **Step=0"**    **Cad=1.02s**    **1.024s/pixel**  
**Rast=180"x1"**    **Step=0"**    **Pitch=+510"**    **Yaw=-12"**

**Event # = 11322**  
**89/05/24, 21:50**    **DOY=144**    **Pitch=+381", Yaw=-211", Roll=-20deg**    **H.Ang=27deg**  
**Start**    **Peak**

**Optical**  
 GOES    21:34    21:50    22:37    **S19W21**  
           **Importance=M3**    **Qual=01**  
 HXRBS    21:33:24    21:38:24    21:53:36    **Qual=11**  
           **Peak...c/s=636**    **Wavelength=2788A**  
 UVSP    22:18    **Wavelength=2788A**    **Exp #=89320**

**MaxkeV=321**    **Flags=M5, D6**  
**Rast=180"x1"**    **Step=0"**    **Pitch=+262"**    **Yaw=-31"**

**Event # = 11323**  
**89/05/24, 22:17**    **DOY=144**    **Pitch=+381", Yaw=-211", Roll=-20deg**    **H.Ang=27deg**  
**Start**    **Peak**

**Optical**  
 GOES    22:17:35    22:17:58    22:18:18    **S19W21**  
           **Ha...Class=SF**    **N32W38**  
           **Peak...c/s=129**    **Qual=00**  
 HXRBS    22:18    22:18    22:18    **Qual=01**  
           **Wavelength=2788A**  
 UVSP    22:18    **Wavelength=2788A**    **Associated**

**MaxkeV=102**    **Carr. Lon.=48deg**    **H.Ang=49deg**  
**Rast=180"x1"**    **Step=0"**    **Pitch=+262"**    **Yaw=-31"**

**Event # = 11324**  
**89/05/24, 22:23:18**    **DOY=144**    **Pitch=+385", Yaw=-222", Roll=-20deg**    **H.Ang=28deg**  
**Start**    **Peak**

**Radio**  
**Frequency(MHz)/Flux(sfu): 245/360**    **Exp #=89320**  
           **Event # = 11324**  
           **Tot Cts=83**

**Mac.=FAI**    **Carr. Lon.=27deg**    **H.Ang=25deg**  
**MaxkeV=102**  
**Rast=70"x70"**    **Flags=I**    **Pitch=+349"**    **Yaw=-231"**

**Event # = 12219**  
**89/05/24, 23:24**    **DOY=144**  
**Start**    **Peak**

**Optical**  
 GOES    23:21    23:24    23:26    **S19W22**  
           **Ha...Class=SF**    **N16W18**  
           **Importance=C6**    **Qual=01**  
 HXRBS    23:22:43    23:23:11    23:23:20    **Qual=01**  
           **Peak...c/s=84**    **Code=00**  
 UVSP    23:11    **Wavelength=1375A**    **Exp #=89322**

**Frequency(MHz)/Flux(sfu): 410/150**

89/05/25 DOY=145

Event # = 22786 DOY=145  
 89/05/25,00:42 Start Peak  
 Optical  
 GOES 00:37 00:42 00:59 End times  
 BCS Ha...Class=SF S19W28 AR5497 Carr. Lon.=36deg H. Ang=33deg  
 FCS CaPeak.c/s=60 Qual=00 FePeak=00:41 #Peaks=1 dt= 3.8s XEN=914500  
 UVSP Wavelength=1375A Exp #=89325 Step=5 Rast=240"x240" Cad= 262s 1.024s/pixel  
 Rast=30"x30" Pitch=+413", Yaw=-298"

Event # = 12220 DOY=145  
 89/05/25,01:28 Start Peak  
 SMM Pointing: S19W23 H. Ang=29deg  
 GOES 01:27:40 01:28:07 01:28:40 End times  
 HXRBS Peak...c/s=129 Qual=00  
 UVSP 01:14 Wavelength=1375A Qual=01  
 Radio Frequency(MHz)/Flux(sfu): 410/140 Tot Cts=1390  
 Exp #=89329 MaxkeV=144 Flags=I  
 Rast=30"x30" Pitch=+405", Yaw=-337"

Event # = 22787 DOY=145  
 89/05/25,04:21 Start Peak  
 Optical  
 GOES 04:20 04:39 04:21 04:39 End times  
 BCS Ha...Class=SF N33W43 AR5498 Carr. Lon.=49deg H. Ang=53deg  
 FCS CaPeak.c/s=23 Qual=00  
 UVSP Wavelength=1375A Exp #=89343 FePeak=04:20  
 Rast=30"x30" Pitch=+429", Yaw=-319"

Event # = 22788 DOY=145  
 89/05/25,05:35 Start Peak  
 Optical  
 GOES 05:28 05:35 06:06 06:06 End times  
 BCS Ha...Class=SF S18E62 AR5505 Carr. Lon.=304deg H. Ang=63deg  
 FCS CaPeak.c/s=249 Qual=00 S21W30 AR5497 Carr. Lon.=36deg  
 UVSP Wavelength=1375A Exp #=89346 FePeak=05:34  
 Rast=240"x240" Cad= 262s 1.024s/pixel  
 Rast=30"x30" Pitch=+426", Yaw=-332"

Event # = 22789 DOY=145  
 89/05/25,07:21 Start Peak  
 Optical  
 GOES 07:20 07:21 07:23 07:23 End times  
 BCS CaPeak.c/s=19 Qual=00  
 FCS Wavelength=1375A Exp #=89357 FePeak=07:21  
 UVSP Wavelength=1375A Exp #=89357  
 Rast=10"x10" Pitch=+437", Yaw=-336"

Event # = 11325 DOY=145  
 89/05/25,10:42 Start Peak  
 SMM Pointing: S19W28 H. Ang=33deg  
 Optical  
 GOES 10:36 10:42 10:48 10:48 End times  
 HXRBS 10:37:42 10:40:43 10:42:01  
 BCS 10:37 10:41 10:50 10:50 End times  
 FCS Wavelength=2788A Code=00  
 UVSP 09:58 Frequency(MHz)/Flux(sfu): 4995/61 8800/94 15400/88  
 Radio Carr. Lon.=32deg H. Ang=33deg  
 Mac.=FAI  
 MaxkeV=144 #Peaks=1 dt= 3.8s XEN=914504  
 FePeak.c/s=149 Step=5 Rast=240"x240" Cad= 262s 1.024s/pixel  
 Rast=243"x243" Pitch=+422", Yaw=-288"

Event # = 22790  
89/05/25,13:01 DOY=145  
GOES 13:00 13:01 13:32 End times  
BCS 13:00 13:01 13:32 CaPeak.c/s=36 Qual=2 FePeak=13:01  
FCS 13:00 13:01 13:32 Wavelength=2788A Exp #=89372  
UVSP 12:47  
FePeak.c/s=11 dt= 7.7s XEN=914505  
Rast=0"x0" Cad=1.02s 1.024s/pixel  
Rast=180"x1" Pitch=0" Step=0" Carr.Lon.=31deg H.Ang=35deg  
Pitch=+428",Yaw=-333",Roll=-20deg  
Mac.=FAI  
MaxkeyV=187 #Peaks=1 dt= 3.8s XEN=914506  
FePeak.c/s=52 Step=15" Cad= 262s 1.024s/pixel  
Rast=240"x240" Step=5" Pitch=+439",Yaw=-329"  
Rast=265"x265" Step=5" Pitch=+439",Yaw=-329"

Event # = 11326  
89/05/25,15:59 DOY=145  
Optical 15:19 15:59 16:59 End times  
GOES 15:19 15:59 16:59 Ha...Class=I8 S19W31 AR5497  
HXRB 15:19:51 15:21:41 15:24:16 Importance=M2 Qual=02  
BCS 15:21 15:24 15:28 CaPeak.c/s=249 Qual=01 Tot Cts=14855  
FCS 15:21 15:24 15:28 CaPeak.c/s=185 Qual=1 FePeak=15:23  
UVSP 16:07 Wavelength=1375A Code=02 Exp #=89386  
Radio Sweeps Type/Intensity: V/2  
Radio Frequency(MHz)/Flux(sfu): 245/1700 410/94  
Associated Event # = 22791  
BCS 16:04 16:05 17:01 CaPeak.c/s=833 Qual=5 FePeak=16:05  
FCS 16:04 16:05 17:01

Event # = 22792  
89/05/25,17:39 DOY=145  
Optical 17:38 17:54 17:54 End times  
GOES 17:38 17:39 17:54 Code=LPS S20W32 AR5497  
BCS 17:38 17:39 17:54 CaPeak.c/s=31 Qual=5 FePeak=17:38  
FCS 17:38 17:39 17:54 Wavelength=1375A Exp #=89395  
UVSP 17:42  
FePeak.c/s=8 dt= 7.7s XEN=914508  
Rast=0"x0" Cad=1.02s 1.024s/pixel  
Rast=265"x265" Step=5" Pitch=+443",Yaw=-340"  
Mac.=FAI Carr.Lon.=31deg H.Ang=36deg  
FePeak.c/s=8 dt= 7.7s XEN=914508  
Rast=0"x0" Cad=1.02s 1.024s/pixel  
Rast=265"x265" Step=5" Pitch=+443",Yaw=-340"

Event # = 11327  
89/05/25,22:18 DOY=145  
GOES 22:17:53 22:18:20 22:18:53 SMM Pointing: S19W35  
HXRB 22:17:53 22:18:20 22:18:53 Peak...c/s=53 Qual=00  
UVSP 22:03 22:18:20 22:18:53 Wavelength=2788A Qual=01  
FePeak=22:41  
Exp #=89410  
Tot Cts=443  
Exp #=89410  
MaxkeyV=102  
Rast=180"x1" Step=0" Pitch=+326",Yaw=-197"

Event # = 22793  
89/05/25,22:41 DOY=145  
GOES 22:40 22:41 22:44 End times  
BCS 22:40 22:41 22:44 CaPeak.c/s=33 Qual=1 FePeak=22:41  
FCS 22:40 22:41 22:44 Wavelength=2788A Exp #=89411  
UVSP 23:03  
FePeak.c/s=10 dt= 7.7s XEN=914509  
Rast=0"x0" Cad=1.02s 1.024s/pixel  
Rast=180"x1" Pitch=0" Step=0" Carr.Lon.=303deg H.Ang=38deg  
Pitch=+447",Yaw=-385",Roll=-20deg  
Mac.=CKO  
MaxkeyV=102 H.Ang=55deg  
Rast=180"x1" Step=0" Pitch=+329",Yaw=-203"

Event # = 11328  
89/05/25,22:57 DOY=145  
Optical 22:54 22:57 22:59 End times  
GOES 22:54 22:57 22:59 Ha...Class=SF S20E53 AR5505  
HXRB 22:55:26 22:55:47 22:56:03 Importance=C3 Qual=01 Tot Cts=320  
UVSP 23:03 22:55:26 22:55:47 CaPeak.c/s=62 Qual=01 FePeak=22:56:03  
Wavelength=2788A Code=02 Exp #=89411  
MaxkeyV=102  
Rast=180"x1" Step=0" Pitch=+329",Yaw=-203"

89/05/26 DOY=146

Event # = 22794  
 89/05/26,04:45 DOY=146  
 Start Peak End times  
 GOES 04:41 04:45 05:13  
 BCS 04:45 05:13  
 FCS  
 UVSP 04:33  
 CaPeak.c/s=31 FePeak=04:42  
 Wavelength=1375A Exp #=89419  
 dt= 7.7s XEN=914600  
 Cad=1.02s 1.024s/pixel  
 Pitch=+482" ,Yaw=-492"  
 #Peaks=1  
 Step=0"  
 Step=5"  
 Rast=70"x70"  
 FePeak.c/s=11  
 Rast=0"x0"  
 Rast=70"x70"

Event # = 22795  
 89/05/26,05:23 DOY=146  
 Start Peak End times  
 GOES 05:23 05:23 05:23  
 BCS  
 FCS  
 UVSP 06:03  
 CaPeak.c/s=19 FePeak=05:23  
 Wavelength=1375A Exp #=89420  
 dt= 7.7s XEN=914601  
 Cad=.26s 0.256s/pixel  
 Pitch=+474" ,Yaw=-420"  
 #Peaks=1  
 Step=0"  
 Step=5"  
 Rast=265"x265"

Event # = 11329  
 89/05/26,08:30 DOY=146  
 Start Peak End times  
 GOES 08:24 08:30 08:33  
 HXRBS 08:25:13 08:25:29 08:26:07  
 UVSP 08:20  
 SMM Pointing: S19W40  
 Importance=C3  
 Peak..c/s=48  
 Wavelength=1375A Code=00  
 Qual=00  
 Qual=01  
 Tot Cts=321  
 Exp #=89430  
 Pitch=+472" ,Yaw=-446" ,Ro11=-20deg H.Ang=43deg  
 Maxkey=102  
 Rast=10"x10" Step=0" Pitch=+501" ,Yaw=-426"

Event # = 11330  
 89/05/26,16:06 DOY=146  
 Start Peak End times  
 GOES 16:06:46 16:06:48 16:07:11  
 HXRBS  
 UVSP 16:06  
 Radio Sweeps Type/Intensity: V/2  
 SMM Pointing: S19W44  
 Peak...c/s=42  
 Wavelength=2788A  
 Qual=00  
 Qual=01  
 Tot Cts=93  
 Exp #=89447  
 Pitch=+490" ,Yaw=-488" ,Ro11=-20deg H.Ang=47deg  
 Maxkey=102  
 Rast=180"x1" Step=0" Pitch=+370" ,Yaw=-306"

Event # = 22796  
 89/05/26,18:56 DOY=146  
 Start Peak End times  
 Optical 18:48 18:56 19:03  
 GOES 18:48 18:55 19:19  
 BCS  
 FCS  
 UVSP 19:12  
 Carr. Lon.=36deg H.Ang=53deg  
 Mac.=FKI  
 FePeak.c/s=21 dt= 3.8s XEN=914602  
 Rast=180"x180" Cad= 332s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=+377" ,Yaw=-323"  
 FePeak=18:55  
 Exp #=89451

Event # = 22797  
 89/05/26,20:57 DOY=146  
 Start Peak End times  
 Optical 20:47 20:57 21:06  
 GOES 20:47 20:51 20:52  
 BCS  
 FCS  
 UVSP 20:43  
 Carr. Lon.=29deg H.Ang=48deg  
 Mac.=FKI  
 FePeak.c/s=17 dt= 3.8s XEN=914603  
 Rast=240"x240" Cad= 262s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=+380" ,Yaw=-332"  
 FePeak=20:51  
 Exp #=89453

Event # = 11331  
 89/05/26,21:28 DOY=146 Peak SMM Pointing: S19W46 Pitch=+497", Yaw=-508", Roll=-20deg H. Ang=49deg  
 GOES 21:27:07 21:28:06 21:31:58  
 HXRBS 21:20 Peak...c/s=65 Qual=00  
 UVSP 21:20 Wave length=2788A Qual=01  
 Radio Sweeps Type/Intensity: III/I Tot Cts=4164 MaxkV=187  
 Exp #=89454 Rast=180"x1" Step=0" Pitch=+381", Yaw=-335"

Event # = 22798  
 89/05/26,22:47 DOY=146 Peak Optical Carr. Lon.=30deg H. Ang=49deg  
 GOES 22:24 22:47 23:33 Ha...Class=SN S19W47 #Peaks=1 dt= 7.7s XEN=914604  
 BCS 22:10 22:25 22:25 Importance=M2 Qual=02 FePeak.c/s=22 Step=15" Cad= 262s XEN=914604  
 FCS 22:18 22:18 CaPeak.c/s=87 Qual= 2 FePeak.c/s=22 Step=15" Cad= 262s XEN=914604  
 UVSP 22:52 22:52 Wave length=2788A Code=02 Exp #=89456 Rast=180"x1" Pitch=+385", Yaw=-343"  
 Radio Sweeps Type/Intensity: III/I  
 BCS 23:02 23:02 23:44 Associated Event # = 22799 FePeak.c/s=27 #Peaks=1 dt= 3.8s XEN=914605  
 FCS 23:09 23:09 CaPeak.c/s=443 Qual= 5 FePeak.c/s=27 Step=15" Cad= 262s XEN=914605  
 Peak3..c/s=8249  
 BCS 23:44 23:44 23:50 Associated Event # = 22800 FePeak.c/s=11 #Peaks=1 dt= 7.7s XEN=914606  
 FCS 23:44 23:44 CaPeak.c/s=21 Qual= 5 FePeak.c/s=11 Step=15" Cad= 262s XEN=914606  
 UVSP 23:50 23:50 Wave length=2788A Exp #=89457 Rast=180"x1" Pitch=+387", Yaw=-348"

89/05/27 DOY=147

Event # = 22801  
 89/05/27,05:38 DOY=147 Peak Optical Carr. Lon.=29deg H. Ang=53deg  
 GOES 05:37 05:38 05:43 Ha...Class=SF S21W50 #Peaks=1 dt= 7.7s XEN=914700  
 BCS 05:37 05:38 05:43 CaPeak.c/s=23 Qual= 4 FePeak.c/s=7 Step=0" Cad=1.02s XEN=914700  
 FCS 05:37 05:37 Wave length=1375A Exp #=89473 Rast=0"x0" Pitch=+543", Yaw=-605"  
 UVSP 05:37 05:37

Event # = 22802  
 89/05/27,05:51 DOY=147 Peak Optical Carr. Lon.=29deg H. Ang=53deg  
 GOES 05:47 05:51 05:53 Ha...Class=SF S21W50 #Peaks=1 dt= 3.8s XEN=914701  
 BCS 05:49 05:51 05:53 Importance=C2 Qual=01 FePeak.c/s=9 Step=0" Cad=1.02s XEN=914701  
 FCS 05:37 05:37 CaPeak.c/s=41 Qual= 1 FePeak.c/s=9 Step=5" Pitch=+543", Yaw=-605"  
 UVSP 05:37 05:37 Wave length=1375A Code=00 Exp #=89473 Rast=30"x30"  
 Radio Sweeps Type/Intensity: III/I

89/05/28 DOY=148

Event # = 22803  
 89/05/28,11:07 DOY=148 Peak Optical Carr. Lon.=34deg H. Ang=72deg  
 GOES 10:53 11:07 11:21 Ha...Class=SF S20W71 #Peaks=1 dt= 3.8s XEN=914800  
 BCS 11:03 11:07 11:16 Importance=C2 Qual=04 FePeak.c/s=12 Step=15" Cad= 262s XEN=914800  
 FCS 11:07 11:07 11:16 CaPeak.c/s=58 Qual= 1 FePeak.c/s=12 Step=15" Cad= 262s XEN=914800  
 UVSP 10:40 10:40 Wave length=2788A Code=00 Exp #=89550 Rast=243"x243" Pitch=+578", Yaw=-674"



Event # = 11332  
 89/05/28, 12:28 DOY=148 Peak Start End times  
 SMM Pointing: S19W70 Pitch=+572", Yaw=-690", Roll=-20deg H. Ang=71deg  
 Ha...Class=1N AR5497 H. Ang=75deg  
 Code=BSL AR5497 H. Ang=24deg  
 Importance=M4  
 Peak...c/s=582  
 CaPeak.c/s=1634  
 Wavelength=2788A  
 Associated  
 Qual= 5  
 Exp # = 89551  
 Event # = 22804  
 FePeak=12:47  
 Exp # = 89552

Event # = 22805  
 89/05/28, 15:30 DOY=148 Peak Start End times  
 SMM Pointing: S16W04 Carr. Lon.=324deg H. Ang=15deg  
 Ha...Class=SF AR5510  
 CaPeak.c/s=23 FePeak=15:30  
 Wavelength=2788A  
 Exp # = 89555

Event # = 22806  
 89/05/28, 15:44 DOY=148 Peak Start End times  
 SMM Pointing: S16W04 Carr. Lon.=324deg H. Ang=15deg  
 Ha...Class=SF AR5510  
 CaPeak.c/s=41 FePeak=15:44  
 Wavelength=2788A  
 Exp # = 89556

Event # = 11333  
 89/05/28, 15:58 DOY=148 Peak Start End times  
 SMM Pointing: S19W72 Pitch=+577", Yaw=-700", Roll=-20deg H. Ang=73deg  
 Ha...Class=SF AR5506 H. Ang=29deg  
 Importance=C2  
 Peak...c/s=102  
 Wavelength=2788A  
 Code=02  
 Tot Cts=715  
 Exp # = 89556

Event # = 22807  
 89/05/28, 21:39 DOY=148 Peak Start End times  
 SMM Pointing: S19W72 Carr. Lon.=300deg H. Ang=73deg  
 Ha...Class=SF AR5506 H. Ang=29deg  
 Importance=C2  
 Peak...c/s=102  
 Wavelength=2788A  
 Code=02  
 Tot Cts=715  
 Exp # = 89556

Event # = 11334	89/05/28,22:15		DOY=148	Peak	SMM Pointing:		S19W75	Pitch=+581", Yaw=-710", Roll=-20deg		H. Ang=75deg
Optical	Start		End times	Ha...Class=1N		N21E19		Carr. Lon.=298deg		H. Ang=29deg
GOES	22:04	22:15	22:44	22:07:10	22:14:03	Importance=M1	Qual=03			
HXRBS	22:05:43	22:07:10	22:14:03	Peak...c/s=167		CaPeak.c/s=65	Qual=1			
BCS	22:11	22:14	22:21	Wave length=2788A		Code=00			#Peaks=1	dt= 3.8s
FCS				III/3				Rast=240"x240"		XEN=914806
UVSP	22:13			Type/Intensity:				Step=15"		1.024s/pixel
Radio Sweeps				Frequency (MHz)/Flux(sfu):		245/70 606/67 2695/95		Step=0"		Pitch=+462", Yaw=-528"
Event # = 11335	89/05/28,23:03		DOY=148	Peak	SMM Pointing:		S19W75	Pitch=+581", Yaw=-710", Roll=-20deg		H. Ang=75deg
Optical	Start		End times	Ha...Class=SF		S17W74		Carr. Lon.=30deg		H. Ang=74deg
GOES	22:59	23:03	23:09	23:02:01	23:04:09	Importance=C8	Qual=04			
HXRBS	22:57:49	23:02:01	23:04:09	Peak...c/s=60		CaPeak.c/s=289	Qual=1			
BCS	22:58	23:02	23:45	Wave length=2788A		Code=00			#Peaks=1	dt= 3.8s
FCS				II/2				Rast=180"x180"		XEN=914807
UVSP	22:48			Type/Intensity:				Step=10"		1.024s/pixel
Radio Sweeps				Frequency (MHz)/Flux(sfu):		245/67 15400/67		Step=0"		Pitch=+462", Yaw=-529"
Event # = 22808	89/05/29,00:37		DOY=149	Peak	SMM Pointing:		S19W75	Pitch=+581", Yaw=-710", Roll=-20deg		H. Ang=75deg
Optical	Start		End times	Ha...Class=SF		S17W74		Carr. Lon.=30deg		H. Ang=74deg
GOES	00:31	00:37	01:27	00:32:00	00:34:00	Importance=C8	Qual=04			
HXRBS	00:31:49	00:32:00	00:34:00	Peak...c/s=60		CaPeak.c/s=289	Qual=1			
BCS	00:31	00:37	01:27	Wave length=2788A		Code=00			#Peaks=1	dt= 3.8s
FCS				II/2				Rast=240"x240"		XEN=914900
UVSP	00:22			Type/Intensity:				Step=15"		1.024s/pixel
Radio Sweeps				Frequency (MHz)/Flux(sfu):		245/67 15400/67		Step=0"		Pitch=+464", Yaw=-532"
Event # = 22809	89/05/29,02:24		DOY=149	Peak	SMM Pointing:		S19W75	Pitch=+581", Yaw=-710", Roll=-20deg		H. Ang=75deg
Optical	Start		End times	Ha...Class=1N		N22E15		Carr. Lon.=299deg		H. Ang=27deg
GOES	02:22	02:24	02:32	02:22:00	02:24:00	Importance=M1	Qual=01			
HXRBS	02:22:00	02:24:00	02:32:00	Peak...c/s=249		CaPeak.c/s=65	Qual=1			
BCS	02:22	02:24	02:32	Wave length=2788A		Code=00			#Peaks=1	dt= 7.7s
FCS				III/3				Rast=180"x180"		XEN=914901
UVSP	02:52			Type/Intensity:				Step=0"		1.024s/pixel
Radio Sweeps				Frequency (MHz)/Flux(sfu):		245/67 15400/67		Step=0"		Pitch=+466", Yaw=-536"
Event # = 11336	89/05/29,02:54		DOY=149	Peak	SMM Pointing:		S19W78	Pitch=+586", Yaw=-720", Roll=-20deg		H. Ang=78deg
Optical	Start		End times	Ha...Class=1N		N22E15		Carr. Lon.=299deg		H. Ang=27deg
GOES	02:45	02:54	02:58	02:47:36	02:54:12	Importance=M1	Qual=01			
HXRBS	02:47:36	02:51:52	02:54:12	Peak...c/s=249		CaPeak.c/s=65	Qual=1			
BCS	02:45	02:54	02:58	Wave length=2788A		Code=00			#Peaks=1	dt= 7.7s
FCS				III/3				Rast=180"x180"		XEN=914901
UVSP	02:52			Type/Intensity:				Step=0"		1.024s/pixel
Radio Sweeps				Frequency (MHz)/Flux(sfu):		245/67 15400/67		Step=0"		Pitch=+466", Yaw=-536"

Event # = 11337  
89/05/29,03:34 D0Y=149 S19W78 Pitch=+586",Yaw=-720",Roll=-20deg H.Ang=78deg  
Start Peak Carr. Lon.=31deg H.Ang=77deg  
Optical Ha...Class=1N AR5497  
GOES 03:27 03:34 04:27 Importance=M2 Qual=05  
HXRBS 03:41:59 03:50:16 03:52:35 Peak...c/s=153 Qual=02 Tot Cts=8398  
UVSP 03:41 03:50:16 03:52:35 Wavelength=1375A Code=02 Exp #=89571  
Radio Sweeps Type/Intensity: III/3 V/3  
Radio Frequency(MHz)/Flux(sfu): 245/430 410/120 1415/100 2695/65

Event # = 11338  
89/05/29,04:33 D0Y=149 S19W78 Pitch=+586",Yaw=-720",Roll=-20deg H.Ang=78deg  
Start Peak Carr. Lon.=29deg H.Ang=76deg  
Optical Ha...Class=1F AR5497  
Optical Ha...Class=SF AR5497  
GOES 04:29 04:33 05:59 Importance=M3 Qual=02  
HXRBS 04:16:19 04:28:11 04:33:03 Peak...c/s=168 Qual=13 XEN=914902  
BCS 03:44 04:30 04:33 CaPeak.c/s=1793 Qual=2 FePeak=04:30 dt= 7.7s  
FCS XEN=914902  
UVSP 05:13 Wavelength=1375A Exp #=89573 Rast=265"x265" Pitch=+595",Yaw=-711"  
Radio Sweeps Type/Intensity: III/2 Associated Event # = 22810  
BCS 05:21 05:21 06:04 CaPeak.c/s=362 Qual=5 FePeak=05:21 dt= 3.8s XEN=914903  
FCS XEN=914903  
UVSP 05:17 Wavelength=1375A Exp #=89574 Rast=180"x180" Cad= 332s 1.024s/pixel  
Rast=110"x200" Pitch=5"

Event # = 22811  
89/05/29,07:02 D0Y=149 S19W78 Pitch=+586",Yaw=-720",Roll=-20deg H.Ang=78deg  
Start Peak Carr. Lon.=30deg H.Ang=78deg  
GOES 07:01 07:02 07:05 Importance=M3 Qual=02  
BCS 07:01 07:02 07:05 CaPeak.c/s=24 Qual=4 FePeak=07:01 dt= 7.7s XEN=914904  
FCS XEN=914904  
UVSP 06:49 Wavelength=1375A Exp #=89581 Rast=0"x0" Cad=1.02s 1.024s/pixel  
Rast=110"x200" Pitch=5"

Event # = 11339  
89/05/29,07:12 D0Y=149 S19W78 Pitch=+586",Yaw=-720",Roll=-20deg H.Ang=78deg  
Start Peak Carr. Lon.=31deg H.Ang=77deg  
GOES 07:12:05 07:12:57 07:13:10 Importance=M2 Qual=05  
HXRBS 07:12:05 07:12:57 07:13:10 Peak...c/s=142 Qual=01  
UVSP 07:07 07:12:05 07:12:57 Wavelength=1375A Code=01  
Radio Sweeps Type/Intensity: III/3 Exp #=89583  
Radio Frequency(MHz)/Flux(sfu): 245/74

Event # = 11340  
89/05/29,07:19 D0Y=149 S19W78 Pitch=+586",Yaw=-720",Roll=-20deg H.Ang=78deg  
Start Peak Carr. Lon.=31deg H.Ang=77deg  
GOES 07:16 07:19 07:21 Importance=C2 Qual=01  
HXRBS 07:17:09 07:17:25 07:18:16 Peak...c/s=44 Qual=01  
BCS 07:17 07:18 07:22 CaPeak.c/s=44 Qual=1 Tot Cts=277  
FCS XEN=914905  
UVSP 07:07 Wavelength=1375A Code=00 Exp #=89583 Rast=240"x240" Cad= 262s 1.024s/pixel  
Rast=110"x200" Pitch=+608",Yaw=-742"

Event # = 11341			SMM Pointing:		Pitch=+586" , Yaw=-720" , Roll=-20deg		H. Ang=78deg	
89/05/29, 07:37	DOY=149	Peak	End times	S19W78				
GOES	07:36:04	07:36:28	07:37:08	Qual=00				
HXRBS	07:37	07:37	07:38	Peak...c/s=68				
BCS	07:37	07:37	07:38	CaPeak.c/s=124	Tot Cts=653			
FCS					FePeak=07:37			
UVSP	07:26			Wave length=1375A	Exp #=89585			
Event # = 22812			End times					
89/05/29, 08:43	DOY=149	Peak	End times					
Optical				Ha...Class=SF	AR5506			
GOES	08:43	08:43	08:45	Qual=01				
BCS	08:43	08:43	08:45	CaPeak.c/s=22	FePeak=08:43			
FCS								
UVSP	08:37			Wave length=1375A	Exp #=89591			
Event # = 22813			End times					
89/05/29, 09:08	DOY=149	Peak	End times					
GOES	08:59	09:01	09:11	Importance=C2	Qual=03			
BCS	09:00	09:01	09:11	CaPeak.c/s=85	Qual= 1			
FCS					FePeak=09:01			
UVSP	09:03			Wave length=1375A	Code=00			
Event # = 22814			End times					
89/05/29, 13:28	DOY=149	Peak	End times					
Optical				Ha...Class=SF	AR5497			
GOES	13:12	13:28	13:40	Importance=C5	Qual=01			
BCS	13:19	13:27	13:50	CaPeak.c/s=256	Qual= 1			
FCS					FePeak=13:27			
UVSP	13:41			Wave length=2788A	Exp #=89600			
Radio				Frequency(MHz)/Flux(sfu): 245/88				
Event # = 22815			End times					
89/05/29, 16:48	DOY=149	Peak	End times					
GOES	16:44	16:48	16:52	Importance=C2	Qual=01			
BCS	16:45	16:47	16:53	CaPeak.c/s=48	Qual= 1			
FCS					FePeak=16:46			
UVSP	16:47			Wave length=2788A	Code=00			
Radio				Frequency(MHz)/Flux(sfu): 245/70				
Event # = 22816			End times					
89/05/29, 17:50	DOY=149	Peak	End times					
GOES	17:49	17:50	17:53	CaPeak.c/s=24	Qual=00			
BCS					Qual= 4			
FCS					FePeak=17:49			
UVSP	17:23			Wave length=2788A	Exp #=89605			

Event # = 11342  
 89/05/29, 22:20 DOY=149  
 Peak Start End times  
 GOES 22:16 22:20 22:25  
 HXRBS 22:16:14 22:16:29 22:17:20  
 BCS 22:18 22:19 22:26  
 FCS  
 UVSP 22:01  
 MaxkeV=102  
 FePeak.c/s=15  
 Rast=240"x240"  
 Rast=180"x1"  
 dt= 3.8s XEN=914912  
 Cad= 262s 1.024s/pixel  
 Pitch=+475", Yaw=-551"  
 #Peaks=1  
 Step=15"  
 Step=0"

Event # = 22817  
 89/05/29, 22:47 DOY=149  
 Peak Start End times  
 GOES 22:46 22:47 22:50  
 BCS  
 FCS  
 UVSP 22:58  
 FePeak.c/s=10  
 Rast=240"x240"  
 Rast=180"x1"  
 dt= 7.7s XEN=914913  
 Cad= 262s 1.024s/pixel  
 Pitch=+475", Yaw=-551"  
 #Peaks=1  
 Step=15"  
 Step=0"

Event # = 22818  
 89/05/30, 00:50 DOY=150  
 Peak Start End times  
 GOES 00:28 00:50 00:59  
 BCS 00:27 00:32 00:39  
 FCS  
 UVSP 00:31  
 FePeak.c/s=22  
 Rast=180"x180"  
 Rast=180"x1"  
 dt= 3.8s XEN=915000  
 Cad= 332s 1.024s/pixel  
 Pitch=+475", Yaw=-551"  
 #Peaks=1  
 Step=10"  
 Step=0"

Event # = 11343  
 89/05/30, 01:10 DOY=150  
 Peak Start End times  
 Optical  
 GOES 01:04 01:10 01:42  
 HXRBS 01:15:11 01:15:32 01:15:52  
 BCS 01:16 01:17 01:41  
 FCS  
 UVSP 01:20  
 Radio Sweeps Type/Intensity:  
 Frequency (MHz)/Flux(sfu): 245/66 2695/58 4995/72 8800/99 15400/140  
 Ha...Class=SF S20W79  
 Importance=N7 Qual=05  
 Peak...c/s=42 Qual=02  
 CaPeak.c/s=1785 Qual=5  
 Wavelength=1375A  
 Exp #=89615  
 Mac.=DAI  
 Carr. Lon.=21deg H. Ang=79deg  
 MaxkeV=102  
 FePeak.c/s=389  
 Rast=240"x240"  
 Rast=265"x265"  
 dt= 3.8s XEN=915001  
 Cad= 262s 1.024s/pixel  
 Pitch=+603", Yaw=-723"  
 #Peaks=1  
 Step=15"  
 Step=5"

Event # = 22819  
 89/05/30, 01:41 DOY=150  
 Peak Start End times  
 GOES 01:41 01:41 01:57  
 BCS  
 FCS  
 UVSP 01:24  
 FePeak.c/s=8  
 Rast=240"x240"  
 Rast=70"x70"  
 dt= 7.7s XEN=915002  
 Cad= 262s 1.024s/pixel  
 Pitch=+615", Yaw=-725"  
 #Peaks=1  
 Step=15"  
 Step=5"

Event # = 11344  
 89/05/30,03:42 DOY=150  
 Start Peak End times  
 Optical  
 GOES 03:33 03:42 03:46 Ha...Class=SF  
 HXRBS 03:32:30 03:34:16 03:35:17 Importance=C2  
 BCS 03:35 03:40 03:45 Peak...c/s=60  
 FCS CaPeak.c/s=81  
 UVSP 03:31 Wavelength=1375A Code=00  
 Radio Sweeps III/3  
 Radio Frequency(MHz)/Flux(sfu): 245/100 410/410

Mac.=HSX Carr.Lon.=297deg H.Ang=29deg  
 MaxkeV=102 #Peaks=2 dt= 3.8s XEN=915003  
 FePeak.c/s=15 Rast=180"x180" Cad= 332s 1.024s/pixel  
 Rast=110"x200" Pitch=+620",Yaw=-751"  
 Step=5" Step=10" Step=5"

Event # = 22820  
 89/05/30,04:34 DOY=150  
 Start Peak End times  
 GOES 04:29 04:34 04:39 Importance=C1  
 BCS 04:30 04:33 04:39 CaPeak.c/s=43  
 FCS FePeak=04:31  
 UVSP 04:28 Wavelength=1375A Code=00 Exp #=89625

FePeak.c/s=15 #Peaks=1 dt= 7.7s XEN=915004  
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel  
 Rast=110"x200" Pitch=+625",Yaw=-751"  
 Step=5" Step=5"

Event # = 22821  
 89/05/30,07:21 DOY=150  
 Start Peak End times  
 Optical  
 GOES 07:12 07:21 07:58 Code=LPS S22490 AR5497  
 BCS 07:43 07:43 08:01 Importance=M4 Qual=05  
 FCS CaPeak.c/s=512 Qual= 5 FePeak=07:43  
 UVSP 07:32 Wavelength=1375A Exp #=89638  
 BCS 08:01 08:01 08:05 Associated Event # = 22822  
 FCS CaPeak.c/s=24 Qual= 5 FePeak=08:02  
 UVSP 08:01 Wavelength=1375A Exp #=89644

Carr.Lon.=28deg H.Ang=90deg  
 #Peaks=1 dt= 3.8s XEN=915005  
 Step=15" Cad= 262s 1.024s/pixel  
 Step=5" Pitch=+603",Yaw=-723"  
 #Peaks=1 dt= 7.7s XEN=915006  
 Step=0" Cad=1.02s 1.024s/pixel  
 Step=0" Pitch=+625",Yaw=-715"

Event # = 22823  
 89/05/30,09:24 DOY=150  
 Start Peak End times  
 GOES 09:18 09:24 09:33 Importance=C4 Qual=04  
 BCS 09:19 09:22 09:45 CaPeak.c/s=168 Qual= 1 FePeak=09:21  
 FCS Wavelength=1375A Code=00 Exp #=89651  
 UVSP 09:21

FePeak.c/s=32 #Peaks=1 dt= 3.8s XEN=915007  
 Rast=180"x180" Cad= 332s 1.024s/pixel  
 Rast=10"x10" Pitch=+625",Yaw=-715"  
 Step=0"

Event # = 22824  
 89/05/30,13:18 DOY=150  
 Start Peak End times  
 GOES 13:10 13:18 13:41 Importance=M3 Qual=05  
 BCS 13:38 13:39 14:02 CaPeak.c/s=147 Qual= 5 FePeak=13:39  
 FCS Wavelength=2788A Exp #=89659  
 UVSP 13:28

FePeak.c/s=9 #Peaks=1 dt= 3.8s XEN=915008  
 Rast=240"x240" Cad= 262s 1.024s/pixel  
 Rast=180"x1" Pitch=+475",Yaw=-551"  
 Step=0"

Event # = 22825		DOY=150								Carr. Lon. = 233deg		H. Ang = 60deg	
89/05/30, 19:23		Peak		End times									
Start													
Optical		Ha...Class=SF		N14E59		AR5516							
GOES		19:23		19:35		Qual=02						FePeak.c/s=29	
BCS		19:06		19:12		Qual= 2		FePeak=19:10				dt= 3.8s	
FCS												Cad= 262s	
UVSP												Pitch=+475", Yaw=-551"	
Radio Sweeps		Type/Intensity:		Wavelength=2788A		Exp #=89667							
		V/1											
Event # = 22826		DOY=150											
89/05/30, 19:45		Peak		End times									
Start													
GOES		19:45		19:54		Qual=05		FePeak=19:49				dt= 3.8s	
BCS		19:49		20:10		Qual= 5		FePeak=19:49				Cad= 262s	
FCS												Pitch=+475", Yaw=-551"	
UVSP						Code=00		Exp #=89667					
		Wavelength=2788A											
Event # = 11348		DOY=150											
89/05/30, 22:02		Peak		End times						Carr. Lon. = 234deg		H. Ang = 57deg	
Start													
Optical		Ha...Class=SF		N13E56		AR5516							
GOES		22:01:18		22:02:34		Qual=01		Tot Cts=289				MaxKey=102	
HXRBS		22:01:18		22:02:34		Qual=01		Exp #=89670				Pitch=+475", Yaw=-551"	
UVSP						Peak...c/s=50							
		Wavelength=2788A											
Event # = 11345		DOY=151											
89/05/31, 00:39		Peak		End times									
Start													
GOES		00:17		01:02		Qual=04		Tot Cts=1063				dt= 3.8s	
HXRBS		00:27:00		00:27:26		Qual=02		FePeak=00:28				Cad= 332s	
BCS		00:27:00		00:32		Qual= 4						Pitch=+475", Yaw=-551"	
FCS													
UVSP						Code=01		Exp #=89673					
		Wavelength=2788A				Associated		Event # = 22827				Flags=SN	
						Qual= 5		FePeak=01:05				#Peaks=1	
BCS		01:05		01:11		CaPeak.c/s=40						dt= 7.7s	
FCS												Cad= 262s	
UVSP						Wavelength=2788A		Exp #=89674				Pitch=+475", Yaw=-551"	
Event # = 11346		DOY=151											
89/05/31, 02:34		Peak		End times						Pitch=+596", Yaw=-736", Roll=-20deg		H. Ang = 87deg	
Start						S19W87							
GOES		02:34:27		02:34:42		Qual=01		Tot Cts=169				MaxKey=102	
HXRBS		02:34:27		02:34:42		Qual=01		Exp #=89676				Pitch=+475", Yaw=-551"	
UVSP		02:49				Wavelength=2788A							
Event # = 11347		DOY=151											
89/05/31, 04:03		Peak		End times						Pitch=+596", Yaw=-736", Roll=-20deg		H. Ang = 87deg	
Start						S19W87							
Optical		Ha...Class=SF		S22E03		AR5511							
GOES		03:59		04:06		Qual=01		Tot Cts=114				dt= 7.7s	
HXRBS		03:54:33		03:55:11		Qual=01		FePeak=04:02				Cad= 1.02s	
BCS		04:02		04:04		Qual= 4						Pitch=+505", Yaw=-815"	
FCS													
UVSP						Code=00		Exp #=89678					
		Wavelength=1375A											





Event # = 11354	DOY=152	SMM Pointing:	S20W23	Pitch=+416", Yaw=-222", Roll=-20deg	H. Ang=30deg
89/06/01 23:36	Peak	Ha...Class=1F	S18E64	Mac.=DSO	H. Ang=65deg
Optical		Importance=C2	Qual=01		
GOES 23:32	23:36	Peak...c/s=55	Tot Cts=2819	MaxkeV=187	
HXRBS 23:30:00	23:31:26	Wavelength=2788A	Exp #=89777	Rast=180" x1"	Pitch=0" , Yaw=-43"
UVSP 23:39		245/220 606/3			
Radio	Frequency(MHz)/Flux(sfu):				
89/06/02 DOY=153					
Event # = 11353	DOY=153	SMM Pointing:	S20W24	Pitch=+420", Yaw=-234", Roll=-20deg	H. Ang=30deg
89/06/02 00:47	Peak	Qual=00			
GOES 00:47:25	00:47:43	Peak...c/s=45	Tot Cts=333	MaxkeV=102	
HXRBS 01:12		Wavelength=2788A	Exp #=89779	Rast=180" x1"	Pitch=+302" , Yaw=-55"
UVSP 01:12		111/3 V/3			
Radio	Type/Intensity:				
89/06/02 DOY=153					
Event # = 11355	DOY=153	SMM Pointing:	S20W27	Pitch=+433", Yaw=-267", Roll=-20deg	H. Ang=32deg
89/06/02 05:47	Peak	Importance=M2	Qual=03		
GOES 05:20	05:47	Peak...c/s=72	Qual=12	Flags=SA,DG	
HXRBS 05:09:44	05:23:27	Wavelength=1375A	Code=00	Step=0"	Pitch=+438" , Yaw=-220"
UVSP 05:37		111/1			
Radio	Type/Intensity:				
89/06/02 DOY=153					
Event # = 11356	DOY=153	SMM Pointing:	S20W28	Pitch=+441", Yaw=-289", Roll=-20deg	H. Ang=34deg
89/06/02 08:57	Peak	Ha...Class=1F	S19E57	Mac.=DSO	H. Ang=59deg
Optical		Peak...c/s=63	Qual=00		
GOES 08:56:55	08:57:27	Wavelength=1375A	Qual=01	MaxkeV=102	
HXRBS 08:49		111/2		Rast=30" x30"	Pitch=+512" , Yaw=-338"
UVSP 08:49		245/230 410/100 606/55			
Radio	Type/Intensity:				
89/06/02 DOY=153					
Event # = 11357	DOY=153	SMM Pointing:	S20W29	Pitch=+445", Yaw=-300", Roll=-20deg	H. Ang=34deg
89/06/02 10:16	Peak	Importance=M2	Qual=01		
GOES 10:12	10:16	Peak...c/s=6205	Qual=01	Flags=M5	
HXRBS 10:13:29	10:14:16	Wavelength=1375A	Code=00	Step=5"	Pitch=+515" , Yaw=-347"
GRS 10:14:00		245/1800 410/600 606/240 1415/130 2695/70			
UVSP 10:05		11/2			
Radio	Type/Intensity:				
89/06/02 DOY=153					
Event # = 11358	DOY=153	SMM Pointing:	S20W33	Pitch=+461", Yaw=-342", Roll=-20deg	H. Ang=37deg
89/06/02 16:05	Peak	Ha...Class=2B	S24E59	Mac.=DSO	H. Ang=62deg
Optical		Importance=X1	Qual=01		
GOES 15:57	16:05	Peak...c/s=3819	Qual=01	Flags=M5	
HXRBS 15:57:19	16:02:30	Wavelength=2788A	Code=00	Step=0"	Pitch=+338" , Yaw=-152"
GRS 16:01:00		11/2			
UVSP 15:07		245/5100 410/1100 606/2500 1415/590 2695/450 4995/520 8800/1100 15400/1100			
Radio	Type/Intensity:				

Event # = 11362	DOY=153	Peak	End times	SMM Pointing:	S20W33	Pitch=+461", Yaw=-342", Roll=-20deg	H. Ang=37deg
89/06/02, 18:00	18:00	18:10	18:10	Ha...Class=IN	S19E53	Mac.=DS0	Carr. Lon.=200deg
Optical	17:54	17:56:20	18:00:06	Importance=M1	Qual=01	MaxkeV=231	Flags=I, SG
GOES	17:53:57	Type/Intensity:	V/3	Peak...c/s=87	Qual=02	Tot Cts=8170	
HXRBS	17:53:57	Frequency(MHz)/Flux(stu):	245/330	606/73			
Radio							
Event # = 11363	DOY=153	Peak	End times	SMM Pointing:	S20W33	Pitch=+461", Yaw=-342", Roll=-20deg	H. Ang=37deg
89/06/02, 18:16	18:16	18:22	18:22	Ha...Class=IB	S20E56	Mac.=DS0	Carr. Lon.=197deg
Optical	18:13	18:13:54	18:18:06	Importance=M2	Qual=03	MaxkeV=144	Pitch=+10", Yaw=+17"
GOES	18:12:03	Type/Intensity:	V/3	Peak...c/s=123	Qual=01	Tot Cts=5894	
HXRBS	18:12:03	Frequency(MHz)/Flux(stu):	245/470	410/490	606/1100	1415/140	
Radio							
Event # = 11359	DOY=153	Peak	End times	SMM Pointing:	S20W33	Pitch=+461", Yaw=-342", Roll=-20deg	H. Ang=37deg
89/06/02, 19:20	19:20:18	19:20:22	19:20:22	Peak...c/s=45	Qual=01	MaxkeV=102	Pitch=-5", Yaw=-95"
GOES	19:20:00				Qual=01	Tot Cts=90	
HXRBS	19:20:00						
UVSP							
Event # = 11360	DOY=153	Peak	End times	SMM Pointing:	N00W00	Pitch=-1", Yaw=+6", Roll=-20deg	H. Ang=0deg
89/06/02, 22:10	22:10:31	22:11:46	22:11:46	Peak...c/s=51	Qual=00	MaxkeV=102	
GOES	22:10:01	22:10:31	22:11:46	WaveLength=2788A	Qual=01	Rast=180"x1"	Step=0"
HXRBS	22:10:01						
UVSP	22:51						
Event # = 22830	DOY=153	Peak	End times	SMM Pointing:	N00W00	Pitch=-1", Yaw=+6", Roll=-20deg	H. Ang=0deg
89/06/02, 23:42	23:39	23:42	23:52	CaPeak.c/s=25	Qual=00	FePeak.c/s=7	dt= 7.7s
GOES	23:39	23:42	23:52	WaveLength=2788A	Qual=1	Rast=0"x0"	XEN=915300
BCS	23:39	23:42	23:52			Rast=180"x1"	Cad=1.02s
FCS	23:39	23:42	23:52				Step=0"
UVSP	23:26						Pitch=-84", Yaw=+716"
Event # = 22831	DOY=154	Peak	End times	SMM Pointing:	N00W00	Pitch=-1", Yaw=+6", Roll=-20deg	H. Ang=0deg
89/06/03, 01:10	01:10	01:14	01:14	CaPeak.c/s=20	Qual=00	FePeak.c/s=8	dt= 7.7s
GOES	01:10	01:10	01:14	WaveLength=2788A	Qual=4	Rast=0"x0"	XEN=915400
BCS	01:10	01:10	01:14			Rast=180"x1"	Cad=1.02s
FCS	01:10	01:10	01:14				Step=0"
UVSP	00:59						Pitch=-81", Yaw=+708"

Event # = 11361 DOY=154 SMM Pointing: S19E54 Pitch=+39", Yaw=+785", Roll=-20deg H. Ang=56deg

89/06/03,01:30 Start Peak End times  
GOES 01:29:43 01:30:38 01:30:50 Peak...c/s=66 Qual=01  
HXRBs 01:57 WaveLength=2788A Qual=01  
UVSP Type/Intensity: III/2  
Radio Sweeps Frequency(MHz)/Flux(sfu): 245/390  
Tot Cts=478 MaxkeV=187  
Exp #=89827 Rast=180"x1" Step=0" Pitch=-79", Yaw=+704"

Event # = 11364 DOY=154 SMM Pointing: S19E53 Pitch=+41", Yaw=+775", Roll=-20deg H. Ang=55deg

89/06/03,03:15 Start Peak End times  
Optical Ha...Class=3B AR5517 Carr. Lon.=202deg H. Ang=49deg  
GOES 03:07 03:15 03:23 Importance=M2 Qual=01  
HXRBs 03:07:46 03:13:01 03:18:19 Peak...c/s=2274 Qual=01  
GRS 03:09:00 03:14 03:27 CaPeak.c/s=1363 Qual=1 dt= 3.8s XEN=915401  
BCS 03:09 03:14 03:27 Peak3..c/s=7 Wavelength=2788A Rast=180"x180" Cad= 332s 1.024s/pixel  
FCS UVSP 03:28 Type/Intensity: III/3 Step=0" Pitch=-77", Yaw=+696"  
Radio Sweeps Frequency(MHz)/Flux(sfu): 245/1400 410/1600 606/340 1415/120 2695/140 4995/120 8800/170 15400/260  
Dur=360sec  
XEN=915401  
dt= 3.8s  
Cad= 332s  
1.024s/pixel  
Step=0"

Event # = 11365 DOY=154 SMM Pointing: S19E53 Pitch=+41", Yaw=+775", Roll=-20deg H. Ang=55deg

89/06/03,03:33 Start Peak End times  
GOES 03:28 03:33 03:37 Importance=C6 Qual=01  
HXRBs 03:28:39 03:28:55 03:30:37 Peak...c/s=64 Qual=01  
BCS 03:27 03:32 03:36 CaPeak.c/s=165 Qual=1 dt= 7.7s XEN=915402  
FCS UVSP 03:28 Type/Intensity: III/3 Rast=240"x240" Cad= 262s 1.024s/pixel  
Step=15" Pitch=-77", Yaw=+696"  
Step=0"

Event # = 22832 DOY=154 S20E52 Carr. Lon.=195deg H. Ang=54deg

89/06/03,04:55 Start Peak End times  
Optical Ha...Class=SF AR5517  
GOES 04:19 04:55 05:09 CaPeak.c/s=82 Qual=1 FePeak=04:55 dt= 7.7s XEN=915403  
BCS UVSP 04:19 Wavelength=2788A Exp #=89831 Rast=243"x243" Step=3" Pitch=+53", Yaw=+775"  
FePeak.c/s=11 #Peaks=2 dt= 7.7s XEN=915403  
Rast=240"x240" Cad= 262s 1.024s/pixel  
Step=15" Pitch=+53", Yaw=+775"

Event # = 22833 DOY=154 Qual=00 dt= 3.8s XEN=915404

89/06/03,08:09 Start Peak End times  
GOES 07:49 08:09 08:15 CaPeak.c/s=56 Qual=1 FePeak=08:09 dt= 3.8s XEN=915404  
BCS UVSP 07:59 Type/Intensity: III/3 Exp #=89845 Rast=30"x30" Step=5" Pitch=+37", Yaw=+692"  
FePeak.c/s=8 #Peaks=2  
Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel  
Rast=30"x30" Step=5" Pitch=+37", Yaw=+692"

Event # = 22834 DOY=154 Qual=00 dt= 7.7s XEN=915405

89/06/03,09:45 Start Peak End times  
GOES 09:16 09:45 09:47 CaPeak.c/s=31 Qual=1 FePeak=09:44 dt= 7.7s XEN=915405  
BCS UVSP 10:28 Wavelength=1375A Exp #=89848 Rast=265"x265" Step=5" Pitch=+64", Yaw=+743"  
FePeak.c/s=6 #Peaks=2  
Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel  
Rast=265"x265" Step=5" Pitch=+64", Yaw=+743"

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Event # = 22835
89/06/03,10:20 DOY=154
Start Peak
GOES 10:16 10:47 End times
BCS 10:42 11:20
FCS
UVSP 10:28
Importance=M2 Qual=05 FePeak=10:44
CaPeak.c/s=09 Qual=5
Wavelength=1375A Code=02 Exp #=89848
FePeak.c/s=7 #Peaks=1 dt= 3.8s XEN=915406
Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
Rast=265"x265" Step=5" Pitch=64" ,Yaw=+743"

Event # = 11366
89/06/03,12:20 DOY=154
Start Peak
Optical SMM Pointing: S19E48 H.Ang=50deg
GOES 12:15 12:20 12:33 Ha...Class=IN S21E78 AR5520 H.Ang=79deg
HXRBS 12:16:20 12:17:38 12:20:18 Importance=M3 Qual=01
GRS 12:17:00 12:18:00 12:18:00 Peak...c/s=1268 Qual=01 Tot Cts=20701
BCS 12:09 12:19 12:22 CaPeak.c/s=865 Qual=1 FePeak=12:18 Dur=60sec
FCS UVSP 12:46 Type/Intensity: V/1 Exp #=89858 XEN=915407
Radio Sweeps Wavelength=2788A
Radio Frequency(MHz)/Flux(sfu): 245/750 410/1000 606/57.2695/96 Associated Event # = 22836
BCS 12:23 12:50 12:50 CaPeak.c/s=39 Qual=5 FePeak=12:23 #Peaks=1 dt= 7.7s XEN=915408
FCS FePeak.c/s=5 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
Pitch=+58" ,Yaw=+727" ,Roll=-20deg
Mac.=CAO Carr. Lon.=165deg H.Ang=79deg
MaxkeV=419 Flags=M5
FePeak.c/s=217 #Peaks=1 dt= 7.7s XEN=915407
Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
Rast=180"x1" Step=0" Pitch=-59" ,Yaw=+648"

Event # = 22837
89/06/03,13:23 DOY=154
Start Peak
Optical Carr. Lon.=194deg H.Ang=50deg
GOES 13:12 13:23 14:08 Ha...Class=2B S18E48 AR5517 H.Ang=50deg
BCS 13:30 13:31 14:25 Importance=M3 Qual=05 FePeak=13:31 XEN=915409
FCS CaPeak.c/s=606 Qual=5
UVSP 13:21 Wavelength=2788A Code=00 Exp #=89859 dt= 3.8s XEN=915409
Radio Sweeps I1/3 I11/3 Cad= 262s 1.024s/pixel
Radio Frequency(MHz)/Flux(sfu): 245/84 410/410 606/13000 1415/240 2695/150 4995/310 8800/260 15400/95
FePeak.c/s=66 #Peaks=1 dt= 3.8s XEN=915409
Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
Rast=180"x1" Step=0" Pitch=-58" ,Yaw=+644"

Event # = 22838
89/06/03,15:04 DOY=154
Start Peak
GOES 15:04 15:04 15:14 CaPeak.c/s=19 Qual=00 FePeak=15:04 XEN=915410
BCS 15:04 15:04 15:14 Wavelength=2788A Code=00 Exp #=89861 dt= 7.7s XEN=915410
FCS UVSP 14:54 Wavelength=2788A Exp #=89861 Step=0" Cad=1.02s 1.024s/pixel
Pitch=66" ,Yaw=+705" ,Roll=-20deg H.Ang=48deg
FePeak.c/s=6 #Peaks=1 dt= 7.7s XEN=915410
Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
Rast=180"x1" Step=0" Pitch=-55" ,Yaw=+635"

Event # = 11367
89/06/03,15:48 DOY=154
Start Peak
GOES 15:43:37 15:44:23 15:44:56 SMM Pointing: S19E46 H.Ang=48deg
HXRBS 15:44 15:58 15:58 Peak...c/s=50 Qual=00 Qual=00
BCS 15:44 15:48 15:58 CaPeak.c/s=48 Qual=01 Tot Cts=560 FePeak=15:46 XEN=915411
FCS UVSP 15:52 Wavelength=2788A Exp #=89862 Step=0" Cad=1.02s 1.024s/pixel
Rast=180"x1" Step=0" Pitch=-53" ,Yaw=+630"

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Event # = 22839													
89/06/03,16:28	DOY=154	Peak											
GOES 16:20	16:28	16:42	End times										
BCS 16:36			16:50	Importance=M1	Qual=05	FePeak=16:42	dt= 3.8s	XEN=915412					
FCS			17:18	CaPeak.c/s=131	Qual= 4		Cad= 262s	1.024s/pixel					
UVSP 16:26				Wave length=2788A	Code=00	Exp #=89863	Pitch=0"	Yaw=+627"					
Event # = 11368													
89/06/03,17:02	DOY=154	Peak											
Optical			End times	SMM Pointing:	S19E45	Pitch=+70"	Yaw=+695"	Roll=-20deg	H. Ang=47deg				
GOES 16:56	17:02	17:18	17:18	Ha...Class=SF	N32N56	Mac.=CSO	Carr. Lon.=296deg		H. Ang=62deg				
HXRBS 16:54:45	16:57:59	17:02:26	17:02:26	Importance=M2	Qual=01	MaxkeV=102	Step=0"	Pitch=-50"	Yaw=+621"				
UVSP 17:24				Peak...c/s=94	Qual=01	Rast=180"x1"							
Radio Sweeps				Wave length=2788A		Exp #=89864							
HXRBS 17:06:24	17:06:46	17:06:58	17:06:58	Type/Intensity:		Event # = 11369							
				V/2	Associated	Tot Cts=322							
				Peak...c/s=50	Qual=01								
						MaxkeV=102							
Event # = 22840													
89/06/03,17:29	DOY=154	Peak											
GOES 17:28	17:29	17:31	End times										
BCS 17:29	17:29	17:31	17:31	CaPeak.c/s=24	Qual=00	FePeak=17:29	dt= 7.7s	XEN=915413					
FCS				Wave length=2788A	Qual= 2	Exp #=89864	Cad= 262s	1.024s/pixel					
UVSP 17:24							Pitch=-50"	Yaw=+621"					
Event # = 11370													
89/06/03,18:34	DOY=154	Peak											
Optical			End times	SMM Pointing:	S19E44	Pitch=+73"	Yaw=+685"	Roll=-20deg	H. Ang=47deg				
GOES 18:19	18:34	19:23	19:23	Ha...Class=1F	S22E77	Mac.=DKI	Carr. Lon.=162deg		H. Ang=78deg				
HXRBS 18:25:50	18:29:36	18:45:59	18:45:59	Importance=X1	Qual=03	Flags=M5							
GRS 18:29:00	18:32:00	19:04	19:04	Peak...c/s=8365	Qual=01	MaxkeV=689							
BCS 18:20	18:33	19:04	19:04	CaPeak.c/s=3233	Qual= 1	FePeak=18:32	dt= 7.7s	XEN=915414					
FCS				Wave length=2788A		Exp #=89866	Cad= 262s	1.024s/pixel					
UVSP 18:56				1415/92 2695/110	8800/580		Pitch=-47"	Yaw=+612"					
Radio				Frequency(MHz)/Flux(sfu):									
HXRBS 18:51:30	18:51:45	18:52:01	18:52:01	Associated		Event # = 11371							
				Qual=01	Tot Cts=185								
				Peak...c/s=52		MaxkeV=102							
Event # = 11372													
89/06/03,23:15	DOY=154	Peak											
Optical			End times	SMM Pointing:	S19E41	Pitch=+83"	Yaw=+657"	Roll=-20deg	H. Ang=44deg				
GOES 23:05	23:15	23:41	23:41	Ha...Class=SF	N13E04	Mac.=BXO	Carr. Lon.=233deg		H. Ang=14deg				
HXRBS 23:06:04	23:08:22	23:14:49	23:14:49	Importance=M2	Qual=01	MaxkeV=368	Flags=DG,MD						
BCS 23:32	23:36	23:42	23:42	Peak...c/s=165	Qual=11	FePeak=23:35	#Peaks=1	dt= 3.8s	XEN=915415				
FCS				CaPeak.c/s=73	Qual= 1	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel				
UVSP 23:35				Wave length=2788A		Exp #=89872							
Radio Sweeps				V/2		Event # = 11373							
HXRBS 23:21:16	23:21:49	23:22:09	23:22:09	Associated		Tot Cts=428							
				Qual=01	Tot Cts=102	MaxkeV=102							
				Peak...c/s=54									
				Associated		Event # = 11374							
				Qual=01	Tot Cts=591	MaxkeV=102							
				Peak...c/s=47									

89/06/04 DOY=155

Event # = 11375  
 89/06/04, 00:36 DOY=155 SMM Pointing: S19E41 Pitch=+83", Yaw=+657", Roll=-20deg H.Ang=44deg  
 Start Peak  
 Optical Ha...Class=SF S21E76 Mac.=DKI Carr. Lon.=160deg H.Ang=77deg  
 GOES 00:32 00:36 00:40 Importance=C2 Qual=01  
 HXRBS 00:32:58 00:33:04 00:33:30 Peak...c/s=69 Qual=01 Tot Cts=328 dt= 7.7s XEN=915500  
 BCS 00:35 00:35 00:37 CaPeak.c/s=18 Qual= 4 FePeak=00:35 Wave length=2788A Code=01 Exp #=89873 Step=0" Cad=1.02s 1.024s/pixel  
 FCS Rast=180"x1" Pitch=0" Step=0" #Peaks=1 dt= 7.7s XEN=915500  
 UVSP 00:10 Wave length=2788A Code=01 Exp #=89873 Rast=180"x1" Pitch=0" Step=0" Cad=1.02s 1.024s/pixel  
 Yaw=+581"

Event # = 11376  
 89/06/04, 02:22 DOY=155 SMM Pointing: S19E40 Pitch=+87", Yaw=+647", Roll=-20deg H.Ang=44deg  
 Start Peak  
 Optical Ha...Class=SN S19E34 Mac.=EAI Carr. Lon.=201deg H.Ang=38deg  
 GOES 02:11 02:22 02:38 Importance=M1 Qual=01  
 HXRBS 02:12:02 02:15:48 02:19:06 Peak...c/s=195 Qual=01 Tot Cts=13165 dt= 3.8s XEN=915501  
 BCS 02:14 02:19 02:48 CaPeak.c/s=490 Qual= 1 FePeak=02:19 Wave length=2788A Code=01 Exp #=89876 Step=10" Cad= 332s 1.024s/pixel  
 FCS Wavelength=2788A Rast=180"x1" Pitch=0" Step=0" XEN=915501  
 UVSP 02:41 Type/Intensity: III/3 V/3 Exp #=89876 Rast=180"x1" Pitch=0" Step=0" Cad= 332s 1.024s/pixel  
 Radio Frequency(MHz)/Flux(sfu): 245/230 410/67 606/750 1415/5100 2695/160 4995/130 8800/66 15400/38

Event # = 22841  
 89/06/04, 02:56 DOY=155 SMM Pointing: S16E72 Carr. Lon.=163deg H.Ang=73deg  
 Start Peak  
 Optical Ha...Class=2N S16E72 FePeak.c/s=7 dt= 7.7s XEN=915502  
 GOES 02:47 02:56 03:32 Importance=M3 Qual=02 FePeak=02:48 Rast=180"x1" Pitch=0" Step=0" Yaw=+566"  
 BCS 02:48 02:48 02:48 CaPeak.c/s=22 Qual= 5 Exp #=89876 Event # = 22842  
 UVSP 02:41 Wavelength=2788A Code=01 FePeak=03:27 XEN=915503  
 BCS 03:27 03:27 03:31 CaPeak.c/s=24 Qual= 5 Step=0" Step=0" Cad=1.02s 1.024s/pixel  
 FCS Wavelength=2788A Rast=180"x1" Pitch=0" Step=0" Yaw=+562"  
 UVSP 03:16

Event # = 12544  
 89/06/04, 08:34 DOY=155 SMM Pointing: S19E37 Pitch=+101", Yaw=+607", Roll=-20deg H.Ang=41deg  
 Start Peak  
 Optical Ha...Class=2N S20E71 Mac.=DKI Carr. Lon.=161deg H.Ang=72deg  
 GOES 08:26 08:34 08:49 Importance=M2 Qual=01 MaxkeV=144 Flags=I  
 HXRBS 08:27:47 08:31:04 08:41:47 Peak...c/s=274 Qual=01 Tot Cts=18500 dt= 7.7s XEN=915504  
 UVSP 08:29 Wavelength=1375A Code=00 Exp #=89890 Rast=110"x200" Pitch=+88", Yaw=+641"

Event # = 12545  
 89/06/04, 09:00 DOY=155 SMM Pointing: S19E36 Pitch=+105", Yaw=+597", Roll=-20deg H.Ang=40deg  
 Start Peak  
 Optical Ha...Class=2N S20E71 Mac.=DKI Carr. Lon.=160deg H.Ang=72deg  
 GOES 08:51 09:00 09:53 Importance=M4 Qual=02 MaxkeV=102 dt= 7.7s XEN=915504  
 HXRBS 08:44:40 08:55:41 08:58:40 Peak...c/s=319 Qual=03 Tot Cts=54200 #Peaks=2 Cad= 262s 1.024s/pixel  
 BCS 08:29 08:57 08:59 CaPeak.c/s=459 Qual= 2 FePeak=08:57 Rast=110"x200" Pitch=+94", Yaw=+639"  
 FCS Wavelength=1375A Code=00 Exp #=89892  
 UVSP 08:46 Frequency(MHz)/Flux(sfu): 15400/58

Event # = 11377	DOY=155		SMM Pointing:		S19E33		Pitch=+115", Yaw=+567", Roll=-20deg		H. Ang=38deg		
89/06/04, 13:21	Start	Peak	End times				Carr. Lon.=156deg		H. Ang=74deg		
Optical			Ha...Class=SF		S20E73		Mac.=DKI				
GOES	13:18	13:21	13:25		Qual=01		MaxkeV=187		dt= 7.7s		
HXRBS	13:18:51	13:19:40	13:20:26		Qual=01		FePeak.c/s=8		XEN=915505		
BCS	13:20	13:20	13:22		Qual= 4		Rast=0"x0"		Cad=1.02s		
FCS							Rast=180"x1"		Pitch=-5", Yaw=+495"		
UVSP	13:30			Wavelength=2788A		Code=02	Exp #=89909				
Event # = 22843											
89/06/04, 14:12	Start	Peak	End times				Carr. Lon.=195deg		H. Ang=39deg		
Optical			Ha...Class=28		S20E34		Mac.=EAI				
GOES	14:04	14:12	14:36		Qual=05		FePeak.c/s=174		dt= 3.8s		
BCS	14:14	14:17	14:43		Qual= 4		Rast=240"x240"		Cad= 262s		
UVSP	14:05			Wavelength=2788A		Code=00	Rast=180"x1"		Pitch=-3", Yaw=+491"		
BCS	14:43	14:43	14:52		Associated		FePeak.c/s=7		dt= 7.7s		
FCS					Qual= 5		Rast=240"x240"		Cad= 262s		
UVSP	15:03			Wavelength=2788A		Associated	Rast=180"x1"		Pitch=-1", Yaw=+487"		
BCS	14:57	14:58	15:06		Qual= 4		FePeak.c/s=5		dt= 7.7s		
FCS							Rast=240"x240"		Cad= 262s		
UVSP	15:03			Wavelength=2788A		Associated	Rast=180"x1"		Pitch=-1", Yaw=+487"		
Event # = 11378											
89/06/04, 16:22	Start	Peak	End times				Carr. Lon.=158deg		H. Ang=70deg		
Optical			Ha...Class=IN		S19E32		Mac.=DKI				
GOES	16:17	16:22	16:27		S20E69		MaxkeV=144		dt= 7.7s		
HXRBS	16:17:50	16:21:16	16:22:21		Qual=01		Rast=180"x1"		XEN=915508		
UVSP	16:35			Wavelength=2788A		Qual=01	Step=0"		Pitch=+5", Yaw=+476"		
Event # = 11379											
89/06/04, 16:41	Start	Peak	End times				Carr. Lon.=158deg		H. Ang=70deg		
Optical			Ha...Class=1N		S19E32		Mac.=DKI				
GOES	16:31	16:41	17:11		S20E69		MaxkeV=144		dt= 7.7s		
HXRBS	16:32:20	16:38:17	16:42:30		Qual=03		FePeak.c/s=39		XEN=915509		
BCS	16:20	16:40	16:43		Qual= 3		Rast=240"x240"		Cad= 262s		
FCS							Rast=180"x1"		Pitch=+5", Yaw=+476"		
UVSP	16:35			Wavelength=2788A		Code=00	Exp #=89913				
Radio			Frequency(MHz)/Flux(sfu):		4995/55 8800/55 15400/64						
Event # = 22846											
89/06/04, 19:21	Start	Peak	End times				Carr. Lon.=158deg		H. Ang=36deg		
GOES	19:04	19:21	19:36		Qual=00		FePeak.c/s=14		dt= 7.7s		
BCS	19:04	19:21	19:36		Qual= 1		Rast=0"x0"		XEN=915510		
FCS							Rast=180"x1"		Cad=1.02s		
UVSP	19:40			Wavelength=2788A			Step=0"		Pitch=-119", Yaw=+775"		

Event # = 22847		DOY=155			
89/06/04, 20:57	Start	End times			
GOES	20:57	21:02	CaPeak.c/s=20	Qual=00	
BCS	20:57	21:02	CaPeak.c/s=20	Qual=4	FePeak=20:58
FCS	21:14		WaveLength=2788A	Exp #=89919	
UVSP	21:14				
Event # = 11380		DOY=155			
89/06/04, 21:24	Start	End times			
Optical	21:12	22:41	SMM Pointing: S18E62		
GOES	21:12	22:41	Ha...Class=2F	AR5521	
HXRBS	21:13:05	21:17:29	Importance=M6		
BCS	21:12	21:18	Peak...c/s=2937	Tot Cts=2.38E+5	
FCS	21:12	21:18	CaPeak.c/s=1657	Qual=03	FePeak=21:18
UVSP	21:14		WaveLength=2788A	Code=00	Exp #=89919
Radio Sweeps			III/2		
Radio			4995/220 8800/410 15400/680		
BCS	21:58	22:45	CaPeak.c/s=969	Qual=5	FePeak=21:59
FCS	21:58	22:45	Associated Event # = 22848		
UVSP	21:49		WaveLength=2788A	Exp #=89920	
Event # = 22849		DOY=155			
89/06/04, 22:45	Start	End times			
GOES	22:45	22:51	CaPeak.c/s=38	Qual=00	
BCS	22:45	22:51	CaPeak.c/s=38	Qual=5	FePeak=22:45
UVSP	23:22		WaveLength=2788A	Exp #=89922	
Event # = 11392		DOY=156		89/06/05 DOY=156	
89/06/05, 01:05	Start	End times			
GOES	01:04:32	01:05:47	SMM Pointing: S18E59		
HXRBS	01:04:32	01:05:47	Peak...c/s=64	Qual=00	
UVSP	00:54		WaveLength=2788A	Qual=01	Tot Cts=1308
				Exp #=89924	
Event # = 22850		DOY=156			
89/06/05, 01:17	Start	End times			
GOES	01:16	01:21	CaPeak.c/s=33	Qual=00	
BCS	01:16	01:21	CaPeak.c/s=33	Qual=4	FePeak=01:16
FCS	00:54		WaveLength=2788A	Exp #=89924	
UVSP	00:54				



Event # = 11381  
 89/06/05, 01:34 Start DOY=156 Peak End times  
 Optical S18E59 SMM Pointing: H.Ang=60deg  
 Ha...Class=SF S21E64 Carr. Lon.=158deg  
 Importance=M1 Qual=03  
 Peak...c/s=1109 Qual=11  
 CaPeak.c/s=925 Qual=1  
 GOES 01:28 01:34 01:43 Tot Cts=23829  
 HXRBS 01:29:54 01:31:02 01:35:08 FePeak=01:32  
 BCS 01:24 01:33 01:54 Exp #=89925  
 FCS Wavelength=2788A  
 UVSP 01:52 Frequency(MHz)/Flux(sfu): 2695/19 4995/89 8800/280 15400/490  
 Radio Associated Event # = 22851  
 #Peaks=1 dt= 7.7s XEN=915602  
 #Peaks=1 dt= 7.7s XEN=915602  
 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=110", Yaw=+749"  
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel

Event # = 11382  
 89/06/05, 03:09 Start DOY=156 Peak End times  
 S18E59 SMM Pointing: H.Ang=60deg  
 Importance=C7 Qual=01  
 Peak...c/s=122 Qual=01  
 Wavelength=2788A Code=00  
 4995/60 8800/26  
 GOES 03:05 03:09 03:19  
 HXRBS 03:05:55 03:08:13 03:09:54 Tot Cts=5009  
 UVSP 02:41 Wavelength=2788A Exp #=89926  
 Radio Frequency(MHz)/Flux(sfu):

Event # = 11383  
 89/06/05, 03:30 Start DOY=156 Peak End times  
 S18E57 SMM Pointing: H.Ang=59deg  
 Qual=00  
 Qual=01  
 GOES 03:30:03 03:30:09 03:30:20 Tot Cts=131  
 HXRBS 02:41 Peak...c/s=46 Wavelength=2788A Exp #=89926  
 UVSP 02:41 Wavelength=1375A

Event # = 22852  
 89/06/05, 04:24 Start DOY=156 Peak End times  
 Qual=00  
 Qual=4  
 GOES 04:24 04:24 04:26 CaPeak.c/s=19 FePeak=04:25  
 BCS 06:32 06:33 06:37 CaPeak.c/s=24 Exp #=89928  
 FCS Wavelength=1375A  
 UVSP 06:26 Wavelength=1375A

Event # = 22853  
 89/06/05, 06:33 Start DOY=156 Peak End times  
 Qual=00  
 Qual=4  
 GOES 06:32 06:33 06:37 CaPeak.c/s=24 FePeak=06:32  
 BCS 07:18 07:25 07:34 Importance=M1 Exp #=89939  
 FCS 07:27 07:27 07:50 CaPeak.c/s=691  
 UVSP 07:22 Wavelength=1375A Code=00  
 Radio Frequency(MHz)/Flux(sfu): 2695/51 4995/170 8800/280 15400/120

Event # = 22854  
 89/06/05, 07:25 Start DOY=156 Peak End times  
 Qual=05  
 Qual=5  
 GOES 07:18 07:25 07:34 Importance=M1 FePeak=07:27  
 BCS 07:27 07:27 07:50 CaPeak.c/s=691  
 FCS 07:22 Wavelength=1375A Code=00  
 UVSP 07:22 Frequency(MHz)/Flux(sfu): 2695/51 4995/170 8800/280 15400/120  
 Radio #Peaks=3 dt= 3.8s XEN=915605  
 #Peaks=15" Cad= 262s 1.024s/pixel  
 Step=5" Pitch=+34", Yaw=+836"

Event # = 22855	DOY=156								
89/06/05,08:57	Peak	End times	Importance=M1	Qual=02					
GOES 07:57	08:57	09:16	CaPeak.c/s=110	Qual=2					
BCS 07:58	08:09	08:11	Wavelength=1375A	Code=00	Exp #=89950				
FCS 08:56			SMM Pointing: S18E54						
UVSP			Ha...Class=SB	S18E62	AR5521				
			Peak...c/s=92	Qual=03					
			CaPeak.c/s=649	Qual=01	Tot Cts=4975				
			Wavelength=1375A	Qual=1	FePeak=09:19				
			Associated		Exp #=89952				
			CaPeak.c/s=31	Qual=5	Event # = 22856				
			Wavelength=1375A		FePeak=09:43				
					Exp #=89954				
Event # = 11386	DOY=156								
89/06/05,09:20	Peak	End times	SMM Pointing: S18E54						
Optical			Ha...Class=SB	S21E59	AR5521				
GOES 09:15:57	09:17:41	09:20:58	Importance=M3	Qual=03					
HXRBS 09:01	09:20	09:43	Peak...c/s=2807	Qual=03	Tot Cts=1.66E+5				
BCS 09:11			CaPeak.c/s=2639	Qual=1	FePeak=11:15				
FCS 09:43	09:43	09:43	Wavelength=2788A		Exp #=89957				
UVSP 09:28			Associated		Event # = 22857				
			CaPeak.c/s=46	Qual=5	FePeak=11:16				
			Wavelength=2788A		Event # = 22858				
					FePeak=11:55				
Event # = 11386	DOY=156								
89/06/05,11:17	Peak	End times	SMM Pointing: S18E54						
Optical			Ha...Class=1B	S21E59	AR5521				
GOES 11:09	11:17	11:53	Importance=M3	Qual=03					
HXRBS 11:11:31	11:13:45	11:15:45	Peak...c/s=2807	Qual=03	Tot Cts=1.66E+5				
BCS 11:10	11:15	11:16	CaPeak.c/s=2639	Qual=1	FePeak=11:15				
FCS 11:44			Wavelength=2788A		Exp #=89957				
UVSP 11:16	11:16	11:16	Associated		Event # = 22857				
			CaPeak.c/s=46	Qual=5	FePeak=11:16				
			Wavelength=2788A		Event # = 22858				
					FePeak=11:55				
Event # = 22859	DOY=156								
89/06/05,12:47	Peak	End times	SMM Pointing: S18E54						
GOES 12:21	12:47	12:49	CaPeak.c/s=143	Qual=02	FePeak=12:47				
BCS 12:41			Wavelength=2788A	Qual=2	Exp #=89958				
FCS 12:26									
UVSP 13:30	13:30	13:37	CaPeak.c/s=41	Qual=05	FePeak=13:30				
			Wavelength=2788A	Qual=4	Exp #=89959				
Event # = 22860	DOY=156								
89/06/05,13:30	Peak	End times	SMM Pointing: S18E54						
GOES 13:26	13:30	13:37	CaPeak.c/s=41	Qual=05	FePeak=13:30				
BCS 13:16			Wavelength=2788A	Qual=4	Exp #=89959				
FCS 13:26									
UVSP 13:16									

Event # = 22861																			
89/06/05,14:17	DOY=156																		
Start	Peak	End times																	
GOES	14:05	14:21	CaPeak.c/s=73	WaveLength=2788A	Qual=02	FePeak=14:17	FePeak.c/s=9	#Peaks=1	dt= 3.8s	XEN=915616									
BCS	14:17				Qual= 3		Rast=240"x240"	Step=15	Cad= 262s	1.024s/pixel									
FCS								Step=0"	Pitch=-90"	Yaw=+692"									
UVSP	14:15					Exp #=89960													
Event # = 22862																			
89/06/05,15:19	DOY=156																		
Start	Peak	End times																	
GOES	15:11	15:32	CaPeak.c/s=39	WaveLength=2788A	Qual=00	FePeak=15:21	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=915617									
BCS	15:19				Qual= 1		Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel									
FCS								Step=0"	Pitch=-87"	Yaw=+685"									
UVSP	15:47					Exp #=89962													
Event # = 11388																			
89/06/05,16:03	DOY=156																		
Start	Peak	End times	SMM Pointing:		S18E51		Pitch=+33", Yaw=+759", Roll=-20deg				H. Ang=53deg								
Optical			Ha...Class=SF		S20E57	AR5521	Mac.=DKI				H. Ang=59deg								
GOES	15:42	16:18	Importance=C5		Qual=02		MaxkeV=102												
HXRBS	15:44:40	15:45:18	Peak...c/s=48		Qual=01	Tot Cts=405	FePeak.c/s=42	#Peaks=1	dt= 3.8s	XEN=915618									
BCS	15:37	15:47	CaPeak.c/s=264		Qual= 1	FePeak=15:46	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel									
FCS								Step=0"	Pitch=-87"	Yaw=+685"									
UVSP	15:47		WaveLength=2788A		Code=01	Exp #=89962													
Event # = 22863																			
89/06/05,17:01	DOY=156																		
Start	Peak	End times																	
Optical			Ha...Class=SF		S20E60	AR5521	Mac.=DKI				H. Ang=62deg								
Optical			Ha...Class=SF		S18E73	AR5524					H. Ang=74deg								
GOES	16:31	17:27	CaPeak.c/s=127		Qual=00	FePeak=16:59	FePeak.c/s=23	#Peaks=2	dt= 3.8s	XEN=915619									
BCS							Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel									
FCS								Step=0"	Pitch=-84"	Yaw=+677"									
UVSP	17:19		WaveLength=2788A			Exp #=89964													
Event # = 22864																			
89/06/05,18:05	DOY=156																		
Start	Peak	End times																	
GOES	18:05	18:10	CaPeak.c/s=19		Qual=00	FePeak=18:05	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=915620									
BCS					Qual= 5		Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel									
FCS								Step=0"	Pitch=-83"	Yaw=+674"									
UVSP	17:56		WaveLength=2788A			Exp #=89965													
Radio	Frequency (MHz)/Flux(sfu):		410/140																
Event # = 11387																			
89/06/05,18:21	DOY=156																		
Start	Peak	End times	SMM Pointing:		S18E50		Pitch=+36", Yaw=+749", Roll=-20deg				H. Ang=52deg								
Optical			Ha...Class=1N		S20E18	AR5517	Mac.=EAI				H. Ang=27deg								
GOES	18:18:48	18:21:32	Peak...c/s=54		Qual=03														
HXRBS	17:56	17:56	WaveLength=2788A		Qual=11	Tot Cts=4563	MaxkeV=102	Flags=06,ND											
UVSP	17:56		WaveLength=2788A			Exp #=89965	Rast=180"x1"	Step=0"	Pitch=-83"	Yaw=+674"									
Radio	Sweeps	Type/Intensity:	V/2																
Radio	Frequency (MHz)/Flux(sfu):		245/62 410/56 606/110																

Event # = 22865		DOY=156															
89/06/05	18:44	Start	Peak	End times													
GOES	18:41	18:44	18:42	CaPeak.c/s=42	Qual=00	FePeak=18:42	FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=915621							
BCS	18:41	18:44	18:42	Peak3...c/s=11	Qual= 1	Exp #=89966	Rast=0"x0"	Step=0"	Cad=1.02s	XEN=915621							
FCS	18:53	18:42		WaveLength=2788A			Rast=180"x1"	Step=0"	Pitch=-81"	Yaw=+668"							
UVSP	18:53																
Event # = 22866		DOY=156															
89/06/05	18:57	Start	Peak	End times													
GOES	18:54	18:57	19:00	CaPeak.c/s=44	Qual=00	FePeak=18:56	FePeak.c/s=9	#Peaks=1	dt= 3.8s	XEN=915622							
BCS	18:54	18:57	19:00	Peak...c/s=11	Qual= 1	Exp #=89966	Rast=240"x240"	Step=15"	Cad= 262s	XEN=915622							
FCS	18:53	18:57		WaveLength=2788A			Rast=180"x1"	Step=0"	Pitch=-81"	Yaw=+668"							
UVSP	18:53																
Event # = 11389		DOY=156															
89/06/05	20:13	Start	Peak	End times													
GOES	19:55	20:13	21:16	SMM Pointing:	S18E49		Importance=MI	Qual=03	Pitch=+39", Yaw=+739", Roll=-20deg	H.Ang=51deg							
HXRBS	20:07:35	20:09:04	20:11:54	Peak...c/s=91	Qual=01	Tot Cts=5416	CaPeak.c/s=823	Qual=01	MaxkeV=102								
BCS	19:37	20:11	20:28	WaveLength=1375A	Code=00	Exp #=89971	WaveLength=1375A	Code=00	FePeak.c/s=179	#Peaks=3	dt= 7.7s	XEN=915623					
FCS	20:01	20:11							Rast=240"x240"	Step=15"	Cad= 262s	XEN=915623					
UVSP	20:01								Rast=30"x30"	Step=5"	Pitch=+43"	Yaw=+771"					
Event # = 11391		DOY=156															
89/06/05	21:38	Start	Peak	End times													
Optical	21:33	21:38	22:24	SMM Pointing:	S18E48		Ha...Class=28	S21E52	Pitch=+44", Yaw=+726", Roll=-20deg	H.Ang=50deg							
GOES	21:32:56	21:35:36	21:51:09	Importance=X1	Qual=03	AR5521	Importance=X1	Qual=03	Mac.=DKI	Carr.Lon.=159deg							
HXRBS	21:35:00	21:36:00	21:36:00	Peak...c/s=6637	Qual=01	Tot Cts=6.22E+5	CaPeak.c/s=6734	Qual= 1	MaxkeV=858	Flags=M5							
BCS	21:10	21:37	22:00	CaPeak.c/s=6734	Qual= 1	FePeak=21:37	CaPeak.c/s=3122	#Peaks=2	dt= 7.7s	Dur=60sec							
FCS	21:34	21:37		WaveLength=1375A	Code=00	Exp #=89978	WaveLength=1375A	Code=00	Rast=180"x180"	Step=10"	Cad= 332s	XEN=915624					
UVSP	21:34			Frequency(MHz)/Flux(sfu):	2695/190 4995/540 8800/410 15400/840	Tot Cts=275	Associated Event # = 11390	Tot Cts=275	Rast=9"x9"	Step=1"	Pitch=+37"	Yaw=+759"					
Radio	21:27:44	21:27:52	21:28:28	Peak...c/s=48	Qual=01	Exp #=89976	Peak...c/s=48	Qual=01	MaxkeV=102								
HXRBS	21:17	21:27:44	21:28:28	WaveLength=1375A			WaveLength=1375A		Rast=30"x30"	Step=5"	Pitch=+9"	Yaw=+781"					
UVSP	21:17																
Event # = 22867		DOY=157															
89/06/06	00:47	Start	Peak	End times													
GOES	00:47	00:47	00:51	CaPeak.c/s=19	Qual=00	FePeak=00:47	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=915700							
BCS	00:47	00:47	00:51	Peak...c/s=11	Qual= 4	Exp #=89987	Rast=0"x0"	Step=0"	Cad=1.02s	XEN=915700							
FCS	01:03	00:47		WaveLength=2788A			Rast=180"x1"	Step=0"	Pitch=-69"	Yaw=+635"							
UVSP	01:03																

Event # = 22868	DOY=157	End times	Ha...Class=SM	S20E50	AR5521	Mac.=EKI	Carr. Lon.=159deg	H. Ang=53deg
89/06/06, 01:21	Peak		Importance=M2	Qual=02				
Optical			CaPeak.c/s=154	Qual= 2	FePeak=01:09	FePeak.c/s=23	#Peaks=2	XEN=915701
GOES	01:21	02:04				Rast=240"x240"	Step=15"	1.024s/pixel
BGS	00:54	01:11				Rast=180"x1"	Step=0"	Pitch=-69", Yaw=+635"
FCS								
UVSP	01:03		Wavelength=2788A	Code=01	Exp #=89987		#Peaks=1	XEN=915702
				Associated	Event # = 22869		Step=15"	1.024s/pixel
BGS	01:48	02:37	CaPeak.c/s=227	Qual= 5	FePeak=01:49	FePeak.c/s=9	Step=0"	Pitch=-68", Yaw=+631"
FCS								
UVSP	01:39		Wavelength=2788A		Exp #=89988			
Event # = 22870	DOY=157	End times	CaPeak.c/s=21	Qual=00	FePeak=03:23	FePeak.c/s=7	#Peaks=1	XEN=915703
89/06/06, 03:24	Peak			Qual= 4		Rast=0"x0"	Step=0"	1.024s/pixel
GOES	03:23	03:29	Wavelength=1375A		Exp #=89990	Rast=265"x265"	Step=5"	Pitch=+64", Yaw=+704"
BGS								
FCS								
UVSP	03:24							
Event # = 22871	DOY=157	End times	Importance=C8	Qual=03	FePeak=06:59	FePeak.c/s=50	#Peaks=1	XEN=915704
89/06/06, 07:07	Peak		CaPeak.c/s=398	Qual= 1		Rast=180"x180"	Step=10"	1.024s/pixel
GOES	06:55	07:16				Rast=10"x10"	Step=0"	Pitch=+59", Yaw=+696"
BGS	06:39	07:22						
FCS								
UVSP	07:01		Wavelength=1375A	Code=00	Exp #=90005			
Event # = 22872	DOY=157	End times	CaPeak.c/s=49	Qual=00	FePeak=08:23	FePeak.c/s=6	#Peaks=1	XEN=915705
89/06/06, 08:12	Peak			Qual= 5		Rast=240"x240"	Step=15"	1.024s/pixel
GOES	08:12	08:54	Wavelength=1375A		Exp #=90010	Rast=30"x30"	Step=5"	Pitch=+66", Yaw=+724"
BGS								
FCS								
UVSP	08:06							
Event # = 22873	DOY=157	End times	Importance=M3	Qual=05	FePeak=11:05	FePeak.c/s=297	#Peaks=1	XEN=915706
89/06/06, 11:04	Peak		CaPeak.c/s=1992	Qual= 5		Rast=240"x240"	Step=15"	1.024s/pixel
GOES	10:54	11:27				Rast=180"x1"	Step=0"	Pitch=-48", Yaw=+576"
BGS	11:05	11:24						
FCS								
UVSP	10:56		Wavelength=2788A	Code=00	Exp #=90016		#Peaks=1	XEN=915707
				Associated	Event # = 22874		Step=10"	1.024s/pixel
BGS	11:24	11:41	CaPeak.c/s=97	Qual= 5	FePeak=11:24	FePeak.c/s=6	Step=0"	Pitch=-45", Yaw=+570"
FCS								
UVSP	11:52		Wavelength=2788A		Exp #=90017			
Event # = 22875	DOY=157	End times	Importance=C5	Qual=05	FePeak=12:37	FePeak.c/s=12	#Peaks=1	XEN=915708
89/06/06, 12:35	Peak		CaPeak.c/s=186	Qual= 5		Rast=240"x240"	Step=15"	1.024s/pixel
GOES	12:26	12:47				Rast=180"x1"	Step=0"	Pitch=-44", Yaw=+567"
BGS	12:37	12:58						
FCS								
UVSP	12:28		Wavelength=2788A	Code=00	Exp #=90018			



Event # = 22879	DOY=157	Start	End times	Qual=00	FePeak=22:39	Exp #=90069	FePeak.c/s=12	#Peaks=3	dt= 7.7s	XEN=915714
89/06/06, 22:40	Peak	22:40	22:44	Qual= 1			Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel
GOES				CaPeak.c/s=73			Rast=30"x30"	Step=5"	Pitch=+97"	Yaw=+639"
BFS				Wavelength=1375A						
UVSP										
Event # = 22880	DOY=157	Start	End times	S18E36	AR5521		Mac. =EKI	Carr. Lon.=161deg	H. Ang=40deg	
89/06/06, 23:56	Peak	23:56	00:00	Qual=00			FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=915715
Optical				Ha...Class=SF			Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
GOES				CaPeak.c/s=25			Rast=180"x1"	Step=0"	Pitch=-14"	Yaw=+491"
BFS				Wavelength=2788A						
FCS										
UVSP										
Event # = 11397	DOY=158	Start	End times	S18E34			Pitch=+103"	Yaw=+571"	Roll=-20deg	H. Ang=38deg
89/06/07, 00:02	Peak	00:02	00:02	Qual=00			MaxkeV=102	#Peaks=1	dt= 7.7s	XEN=915800
GOES				Peak...c/s=116	Tot Cts=390		FePeak.c/s=9	Step=0"	Cad=1.02s	1.024s/pixel
HXRBS				CaPeak.c/s=29	FePeak=00:02		Rast=0"x0"	Step=0"	Pitch=-14"	Yaw=+491"
BFS				Wavelength=2788A	Exp #=90071		Rast=180"x1"			
FCS										
UVSP										
Event # = 11398	DOY=158	Start	End times	S18E34			Pitch=+103"	Yaw=+571"	Roll=-20deg	H. Ang=38deg
89/06/07, 00:09	Peak	00:09	00:09	Qual=00			MaxkeV=144	Step=0"	Pitch=-14"	Yaw=+491"
GOES				Peak...c/s=68	Tot Cts=584		Rast=180"x1"			
HXRBS				Wavelength=2788A	Exp #=90071					
BFS										
UVSP										
Event # = 22881	DOY=158	Start	End times	S20E37	AR5521		Mac. =EKC	Carr. Lon.=159deg	H. Ang=41deg	
89/06/07, 01:00	Peak	01:00	01:16	Qual=04			FePeak.c/s=10	#Peaks=1	dt= 3.8s	XEN=915801
Optical				Ha...Class=SF			Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel
GOES				CaPeak.c/s=65	FePeak=01:00		Rast=180"x1"	Step=0"	Pitch=-13"	Yaw=+487"
BFS				Wavelength=2788A	Exp #=90072					
FCS										
UVSP										
Event # = 11399	DOY=158	Start	End times	S18E33			Pitch=+107"	Yaw=+561"	Roll=-20deg	H. Ang=37deg
89/06/07, 01:55	Peak	01:55	03:25	S21E36	AR5521		Mac. =EKC	Carr. Lon.=160deg	H. Ang=41deg	
Optical				Ha...Class=SN			MaxkeV=187	Flags=M5	dt= 7.7s	XEN=915802
GOES				Importance=M3	Tot Cts=70673		FePeak.c/s=491	#Peaks=1	Cad= 262s	1.024s/pixel
HXRBS				Peak...c/s=1163	FePeak=01:37		Rast=240"x240"	Step=15"	Pitch=-10"	Yaw=+481"
BFS				CaPeak.c/s=2080	Exp #=90073		Rast=180"x1"	Step=0"		
FCS				Wavelength=2788A	Code=00					
UVSP				8800/220 15400/160						
Radio				Frequency(MHz)/Flux(sfu):						

Event # = 22882		DOY=158		End times			
89/06/07	03:15	Peak					
GOES	02:32	03:15	03:27	Qual=01			
BCS				Qual=1	FePeak=03:15	FePeak.c/s=17	#Peaks=2 dt= 7.7s XEN=915803
FCS					Exp #=90075	Rast=180"x180"	Step=10" Cad= 332s 1.024s/pixel
UVSP	03:21					Rast=180"x1"	Pitch=0" H.Ang=36deg
							Yaw=+470"
Event # = 11400		DOY=158		End times			
89/06/07	03:26	Peak					
Optical				S18E31			
GOES				S18E32	AR5521	Mac.=EKC	Pitch=+114", Yaw=+540", Roll=-20deg H.Ang=36deg
HXRBS	03:26:37	03:26:46	03:27:03	Qual=02		Carr. Lon.=163deg	H.Ang=36deg
UVSP	03:21			Qual=01	Tot Cts=117	MaxkeV=102	
					Exp #=90075	Rast=180"x1"	Step=0" Pitch=-6", Yaw=+470"
Event # = 11401		DOY=158		End times			
89/06/07	04:55	Peak					
Optical				S18E31			
GOES				S18E34	AR5521	Mac.=EKC	Pitch=+118", Yaw=+530", Roll=-20deg H.Ang=35deg
HXRBS	04:46:01	04:46:55	04:47:07	Qual=03		Carr. Lon.=160deg	H.Ang=38deg
BCS	04:06	04:55	05:01	Qual=01	Tot Cts=580	MaxkeV=102	
FCS		04:45		Qual=3	FePeak=04:54	FePeak.c/s=36	#Peaks=2 dt= 7.7s XEN=915804
UVSP	04:52				Exp #=90077	Rast=240"x240"	Step=15" Cad= 262s 1.024s/pixel
						Rast=180"x1"	Step=0" Pitch=-2", Yaw=+459"
Event # = 11402		DOY=158		End times			
89/06/07	05:56	Peak					
Optical				S18E31			
GOES				Qual=00			
HXRBS	05:50:22	05:50:43	05:51:04	Qual=01	Tot Cts=262	MaxkeV=102	Pitch=+118", Yaw=+530", Roll=-20deg H.Ang=35deg
BCS	05:44	05:56	06:10	Qual=1	FePeak=05:59	FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=915805
FCS					Exp #=90079	Rast=70"x70"	Step=5" Cad= 262s 1.024s/pixel
UVSP	05:44					Rast=70"x70"	Step=5" Pitch=+110", Yaw=+589"
Event # = 11405		DOY=158		End times			
89/06/07	07:32	Peak					
Optical				S18E30			
GOES				S18E33	AR5521	Mac.=EKC	Pitch=+122", Yaw=+520", Roll=-20deg H.Ang=34deg
HXRBS	07:32:26	07:32:46	07:33:08	Qual=01		Carr. Lon.=159deg	H.Ang=37deg
UVSP	07:18				Tot Cts=214	MaxkeV=102	
					Exp #=90082	Rast=30"x30"	Step=5" Pitch=+134", Yaw=+558"
Event # = 11404		DOY=158		End times			
89/06/07	07:34	Peak					
Optical				S18E30			
GOES				S18E33	AR5521	Mac.=EKC	Pitch=+122", Yaw=+520", Roll=-20deg H.Ang=34deg
HXRBS	07:30:49	07:31:07	07:31:31	Qual=00		Carr. Lon.=159deg	H.Ang=37deg
BCS	07:31	07:34	07:54	Qual=01	Tot Cts=210	MaxkeV=102	
FCS				Qual=1	FePeak=07:34	FePeak.c/s=26	#Peaks=1 dt= 3.8s XEN=915806
UVSP	07:18				Exp #=90082	Rast=240"x240"	Step=15" Cad= 262s 1.024s/pixel
						Rast=30"x30"	Step=5" Pitch=+134", Yaw=+558"



Event # = 11410	DOY=158	SMM Pointing:	S18E29	Pitch=+125", Yaw=+510", Roll=-20deg	H. Ang=34deg
89/06/07,07:38	Peak	End times			
Optical					
GOES		Ha...Class=SF	S18E33	Mac.=EKC	H. Ang=37deg
HXRBS	07:38:28	Peak...c/s=53	Qual=00		
UVSP	07:34	Wavelength=1375A	Qual=01	Step=5"	Pitch=+135", Yaw=+556"
			Tot Cts=147		
			Exp #=90084		
Event # = 11406	DOY=158	SMM Pointing:	S18E29	Pitch=+125", Yaw=+510", Roll=-20deg	H. Ang=34deg
89/06/07,08:02	Peak	End times			
GOES		Peak...c/s=45	Qual=00		
HXRBS	08:02:15	Wavelength=1375A	Qual=01	Step=5"	Pitch=+121", Yaw=+582"
UVSP	07:52				
			Tot Cts=123		
			Exp #=90086		
Event # = 22883	DOY=158	End times	Qual=00	dt= 7.7s	XEN=915807
89/06/07,09:32	Peak		Qual= 4	Step=5"	Cad=1083s
GOES				Step=3"	Pitch=+136", Yaw=+515"
BCS	09:30	CaPeak.c/s=22			
FCS	09:32	Wavelength=2788A			
UVSP	08:48				
			FePeak=09:32		
			Exp #=90087		
Event # = 22884	DOY=158	End times	S16E35	Carr. Lon.=156deg	H. Ang=38deg
89/06/07,10:12	Peak		Qual=05		
Optical		Ha...Class=M	Qual=05		
GOES	10:08	Importance=M2	Qual= 5	dt= 3.8s	XEN=915808
BCS	10:16	CaPeak.c/s=48		Step=15"	Cad= 262s
FCS	10:16	Wavelength=2788A		Step=0"	Pitch=+11", Yaw=+422"
UVSP	10:07				
			FePeak=10:16		
			Exp #=90088		
Event # = 11407	DOY=158	SMM Pointing:	S18E27	Pitch=+133", Yaw=+490", Roll=-20deg	H. Ang=32deg
89/06/07,10:54	Peak	End times			
Optical					
GOES	10:47	Ha...Class=2N	S20E33	Mac.=EKC	H. Ang=38deg
HXRBS	10:47:24	Importance=M1	Qual=03		
BCS	10:48	Peak...c/s=140	Qual=01		
FCS	10:52	CaPeak.c/s=592	Qual= 1		
UVSP	11:04	Wavelength=2788A			
Radio	Frequency(MHz)/Flux(sfu):	4995/110 8800/120 15400/95			
			Tot Cts=10274		
			FePeak=10:52		
			Exp #=90089		
Event # = 11408	DOY=158	SMM Pointing:	S18E26	Pitch=-469", Yaw=+146", Roll=-110deg	H. Ang=31deg
89/06/07,13:31	Peak	End times			
GOES	13:26	Importance=C5	Qual=01		
HXRBS	13:27:39	Peak...c/s=51	Qual=01	Step=0"	Pitch=-121", Yaw=-70"
UVSP	13:13	Wavelength=2788A	Code=01		
			Tot Cts=570		
			Exp #=90092		
Event # = 11409	DOY=158	SMM Pointing:	S18E25	Pitch=-458", Yaw=+145", Roll=-110deg	H. Ang=30deg
89/06/07,14:55	Peak	End times			
GOES	14:55:02	Peak...c/s=47	Qual=01		
HXRBS	14:55:53	Wavelength=2788A	Qual=01	Step=0"	Pitch=-579", Yaw=+74"
UVSP	14:45				
			Tot Cts=323		
			Exp #=90094		

Event # = 11411	DOY=158		SMM Pointing:		S18E28		Pitch=-495", Yaw=+133", Roll=-110deg		H.Ang=33deg	
89/06/07, 17:11	Start	Peak	End times		Qual=00		MaxkeV=102		Rast=180"x1"	
GOES	17:11:30	17:11:53	17:12:06		Qual=01		Step=0"		Pitch=-610", Yaw=+65"	
HXRBS	17:15	Peak...c/s=49		WaveLength=2788A		Tot Cts=237		Exp #=90097		
UVSP	17:15		WaveLength=2788A							
Event # = 22885	DOY=158		SMM Pointing:		S18E26		Pitch=-472", Yaw=+141", Roll=-110deg		H.Ang=31deg	
89/06/07, 18:11	Start	Peak	End times		Qual=00		Mac.=EKC		Carr.Lon.=157deg	
GOES	18:00	18:11	18:33		Qual=1		Carr.Lon.=248deg		H.Ang=35deg	
BCS	18:29	CaPeak.c/s=71		WaveLength=2788A		FePeak=18:10		H.Ang=62deg		
FCS	18:29		Peak3..c/s=31				MaxkeV=102		XEN=915810	
UVSP	17:50	WaveLength=2788A				Exp #=90098		Rast=240"x240"		
89/06/07, 19:18	Start	Peak	End times		Qual=5		Rast=180"x1"		Pitch=-605", Yaw=+67"	
GOES	19:04	19:18	20:06		Qual=05		Carr.Lon.=157deg		H.Ang=31deg	
HXRBS	19:44:34	19:45:14	19:45:21		Qual=01		Carr.Lon.=248deg		H.Ang=62deg	
BCS	19:32	19:32	20:07		Qual=5		MaxkeV=102		XEN=915811	
FCS	19:32		CaPeak.c/s=184				FePeak.c/s=9		dt= 3.8s	
UVSP	19:37	WaveLength=1375A				Exp #=90100		Rast=240"x240"		
Event # = 11413	DOY=158		SMM Pointing:		S18E26		Pitch=-472", Yaw=+141", Roll=-110deg		H.Ang=31deg	
89/06/07, 20:11	Start	Peak	End times		Qual=02		Mac.=EKC		Carr.Lon.=157deg	
Optical	20:08	20:11	20:15		Qual=02		Carr.Lon.=248deg		H.Ang=35deg	
GOES	20:08:00	20:08:24	20:09:48		Qual=01		MaxkeV=144		XEN=915812	
HXRBS	20:06	Peak...c/s=360		WaveLength=1375A		Code=00		Rast=265"x265"		
UVSP	20:06		WaveLength=1375A				Exp #=90106		Pitch=-444", Yaw=+154"	
Event # = 22887	DOY=158		SMM Pointing:		S19E27		Pitch=-443", Yaw=-173", Roll=-150deg		H.Ang=30deg	
89/06/07, 20:54	Start	Peak	End times		Qual=05		Mac.=EKC		Carr.Lon.=158deg	
Optical	20:37	20:54	21:27		Qual=5		Carr.Lon.=158deg		H.Ang=33deg	
GOES	21:05	21:06	21:41		Qual=5		FePeak=21:06		dt= 3.8s	
BCS	21:05	21:06	21:41		Qual=5		Rast=240"x240"		Cad= 262s	
FCS	21:05		CaPeak.c/s=267				Exp #=90109		XEN=915813	
UVSP	21:09	WaveLength=1375A						Rast=265"x265"		
Event # = 11414	DOY=158		SMM Pointing:		S18E24		Pitch=-443", Yaw=-173", Roll=-150deg		H.Ang=30deg	
89/06/07, 22:50	Start	Peak	End times		Qual=04		Mac.=EKC		Carr.Lon.=158deg	
Optical	22:48:51	22:49:20	22:49:41		Qual=01		Carr.Lon.=106deg		H.Ang=31deg	
Optical	22:50	22:50	22:54		Qual=4		Carr.Lon.=106deg		H.Ang=79deg	
GOES	22:50	22:50	22:54		Qual=4		MaxkeV=102		XEN=915813	
HXRBS	22:48:51	22:49:20	22:49:41		Qual=01		FePeak.c/s=7		dt= 7.7s	
BCS	22:50	22:50	22:54		Qual=4		Rast=0"x0"		Cad=1.02s	
FCS	22:50		CaPeak.c/s=19				Exp #=90120		XEN=915813	
UVSP	22:46	WaveLength=1375A						Rast=10"x10"		

Event # = 22888  
 89/06/08, 00:24 DOY=159 Peak  
 Optical Start End times  
 GOES 00:21 00:24 00:27 Ha...Class=SF S17E25 Carr. Lon.=158deg H. Ang=30deg  
 BCS 00:21 00:24 00:27 CaPeak.c/s=22 Qual=00 FePeak=00:21 #Peaks=1 dt= 7.7s XEN=915900  
 FCS 00:21 00:24 00:27 Wavelength=1375A WaveLength=1375A Exp #=90129 Rast=10"x10" Step=0" Cad=1.02s 1.024s/pixel  
 UVSP 00:21 00:24 00:27 Mac.=EKC Rast=10"x10" Step=0" Pitch=-525", Yaw=-167"

Event # = 11415  
 89/06/08, 00:33 DOY=159 Peak  
 Optical Start End times  
 GOES 00:32:48 00:33:02 00:34:05 SMM Pointing: S18E23 Pitch=-434", Yaw=-162", Roll=-150deg H. Ang=29deg  
 HXRBS 00:32:48 00:33:02 00:34:05 Ha...Class=SF N20E84 Carr. Lon.=99deg H. Ang=84deg  
 UVSP 00:31 00:33:02 00:34:05 Peak...c/s=85 Qual=01 MaxkeV=102  
 Wavelength=1375A WaveLength=1375A Exp #=90131 Rast=10"x10" Step=0" Pitch=-454", Yaw=-146"

Event # = 11418  
 89/06/08, 07:03 DOY=159 Peak  
 Optical Start End times  
 GOES 06:55 07:03 07:08 SMM Pointing: S18E20 Pitch=-409", Yaw=-119", Roll=-150deg H. Ang=27deg  
 HXRBS 06:58:55 07:00:40 07:02:55 Ha...Class=SN S20E25 Carr. Lon.=155deg H. Ang=32deg  
 BCS 06:53 07:02 07:15 Importance=M1 Qual=01  
 CaPeak.c/s=463 Qual=01 Tot Cts=2374 #Peaks=1 dt= 3.8s XEN=915901  
 FCS 06:26 07:02 07:15 Wavelength=2788A Code=00 Qual=1 FePeak=07:01 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel  
 UVSP 06:26 07:02 07:15 Wavelength=2788A WaveLength=2788A Exp #=90142 Rast=243"x243" Step=3" Pitch=-403", Yaw=-107"  
 Radio Sweeps Type/Intensity: III/I  
 HXRBS 06:55:40 06:55:50 06:57:48 Peak...c/s=66 Associated Event # = 11417  
 Qual=01 Tot Cts=796 MaxkeV=102

Event # = 11419  
 89/06/08, 07:11 DOY=159 Peak  
 Optical Start End times  
 GOES 07:11:08 07:11:17 07:11:26 SMM Pointing: S18E20 Pitch=-409", Yaw=-119", Roll=-150deg H. Ang=27deg  
 HXRBS 07:11:08 07:11:17 07:11:26 Peak...c/s=47 Qual=05  
 UVSP 06:26 07:11:17 07:11:26 Wavelength=2788A WaveLength=2788A Exp #=90142 Rast=243"x243" Step=3" Pitch=-403", Yaw=-107"

Event # = 22889  
 89/06/08, 07:15 DOY=159 Peak  
 Optical Start End times  
 GOES 07:15 07:15 07:16 Ha...Class=SF S18E19 Carr. Lon.=109", Roll=-150deg H. Ang=26deg  
 BCS 07:15 07:15 07:16 CaPeak.c/s=23 Qual=5 FePeak=07:15 #Peaks=1 dt= 7.7s XEN=915902  
 FCS 07:15 07:15 07:16 Wavelength=2788A WaveLength=2788A Exp #=90144 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 UVSP 06:26 07:15 07:16 Peak...c/s=331 Qual=01 Tot Cts=6434 MaxkeV=275 Rast=243"x243" Step=3" Pitch=-403", Yaw=-107"

Event # = 11421  
 89/06/08, 08:17 DOY=159 Peak  
 Optical Start End times  
 GOES 08:05 08:17 08:22 SMM Pointing: S18E19 Pitch=-403", Yaw=-109", Roll=-150deg H. Ang=26deg  
 HXRBS 08:14:07 08:14:31 08:15:42 Importance=C6 Qual=01  
 GRS 08:14:00 08:15:00 Peak...c/s=331 Qual=01 Tot Cts=6434 MaxkeV=275 Rast=70"x70" Step=5" Dur=60sec  
 UVSP 08:01 08:14:00 Wavelength=1375A Code=00 Exp #=90144 Rast=70"x70" Step=5" Pitch=-474", Yaw=-148"  
 Radio Frequency(MHz)/Flux(sfu): 410/85 606/68 Associated Event # = 11420  
 HXRBS 08:07:05 08:07:55 08:11:07 Peak...c/s=109 Qual=01 Tot Cts=2955 MaxkeV=102

Event # = 22890	DOY=159	Peak	End times						
89/06/08,09:22									
Optical				Ha...Class=IN	S20E24	AR5521	Carr. Lon.=154deg	H. Ang=31deg	
Optical				Ha...Class=SF	N09W71	AR5529	Carr. Lon.=249deg	H. Ang=71deg	
GOES	09:13	09:22	09:33	Importance=M1	Qual=05		#Peaks=2	dt= 3.8s	XEN=915903
BCS	09:29	09:29	10:22	CaPeak.c/s=74	Qual= 5	FePeak=09:30	Rast=240"x240"	Step=15"	Cad= 262s
FCS						Exp #=90145	Rast=265"x265"	Step=5"	Pitch=-390",Yaw=-86"
UVSP	09:31			Wavelength=1375A	Code=02				
Event # = 22891	DOY=159	Peak	End times						
89/06/08,12:57									
Optical				Ha...Class=SF	S19E16	AR5521	Carr. Lon.=160deg	H. Ang=25deg	
GOES	12:54	12:57	13:06	CaPeak.c/s=31	Qual=00	FePeak=12:55	FePeak.c/s=10	dt= 7.7s	XEN=915904
BCS					Qual= 1	Exp #=90163	Rast=0"x0"	Step=0"	Cad=1.02s
FCS							Rast=30"x30"	Step=5"	Pitch=-399",Yaw=-48"
UVSP	12:56			Wavelength=1375A					
Event # = 11422	DOY=159	Peak	End times						
89/06/08,13:06				SMM Pointing:	S18E16		Pitch=-385",Yaw=-72",Roll=-150deg	H. Ang=24deg	
GOES	13:06:28	13:06:53	13:07:43		Qual=00	Tot Cts=3675	MaxkeV=187		
HXRBS				Peak...c/s=284	Qual=01	Exp #=90163	Rast=30"x30"	Step=5"	Pitch=-399",Yaw=-48"
UVSP	12:56			Wavelength=1375A					
Event # = 11423	DOY=159	Peak	End times						
89/06/08,13:25				SMM Pointing:	S18E16		Pitch=-385",Yaw=-72",Roll=-150deg	H. Ang=24deg	
Optical				Ha...Class=SF	S07E79	AR5530	Carr. Lon.=97deg	H. Ang=79deg	
GOES	13:25:28	13:25:41	13:25:58	Peak...c/s=62	Qual=00	Tot Cts=386	MaxkeV=144		
HXRBS					Qual=01	Exp #=90165	Rast=30"x30"	Step=5"	Pitch=-378",Yaw=-41"
UVSP	13:13			Wavelength=1375A					
Event # = 11429	DOY=159	Peak	End times						
89/06/08,14:05				SMM Pointing:	S18E16		Pitch=-385",Yaw=-72",Roll=-150deg	H. Ang=24deg	
GOES	13:49	14:05	14:37	Importance=M2	Qual=05	Tot Cts=146	MaxkeV=102		
HXRBS	14:31:17	14:31:28	14:31:55	Peak...c/s=44	Qual=01	Exp #=90166	Rast=265"x265"	Step=5"	Pitch=-371",Yaw=-53"
UVSP	14:10			Wavelength=1375A	Code=02				
Event # = 11430	DOY=159	Peak	End times						
89/06/08,17:53				SMM Pointing:	S18E14		Pitch=-370",Yaw=-40",Roll=-150deg	H. Ang=23deg	
Optical				Ha...Class=SF	N20E77	AR5528	Mac.=HRX	Carr. Lon.=97deg	H. Ang=78deg
GOES	17:15	17:53	18:50	Importance=M2	Qual=03	Tot Cts=33853	MaxkeV=102		
HXRBS	17:24:53	17:37:01	17:57:21	Peak...c/s=101	Qual=01	Exp #=90186	Rast=30"x30"	Step=5"	Pitch=-421",Yaw=-23"
UVSP	17:51			Wavelength=1375A	Code=00				
Radio				Frequency(MHz)/Flux(sfu):	606/70				
Event # = 11431	DOY=159	Peak	End times						
89/06/08,19:02				SMM Pointing:	S18E13		Pitch=-360",Yaw=-30",Roll=-150deg	H. Ang=22deg	
GOES	19:02:08	19:02:21	19:02:37		Qual=00	Tot Cts=136	MaxkeV=102		
HXRBS				Peak...c/s=52	Qual=01	Exp #=90189	Rast=30"x30"	Step=5"	Pitch=-416",Yaw=-15"
UVSP	18:50			Wavelength=1375A					

Event # = 11432	SMM Pointing:		S18E12	S18E12		Pitch=-349", Yaw=-9", Roll=-150deg		H.Ang=22deg	
89/06/08, 22:28	DOY=159	Peak	Importance=C7	Qual=03					
GOES 22:25	22:28	22:38	Peak...c/s=47	Qual=01	Tot Cts=442	MaxkeV=102			
HXRBS 22:31:57	22:32:24	22:33:09	WaveLength=1375A	Code=00	Exp #=90202	Rast=70"x70"	Step=5"	Pitch=-283"	Yaw=+52"
UVSP 21:56									
89/06/09 DOY=160									
Event # = 11434	SMM Pointing:		S18E10	S18E10		Pitch=-297", Yaw=-158", Roll=180deg		H.Ang=21deg	
89/06/09, 00:30	DOY=160	Peak	Ha...Class=SF	S22E09	AR5521	Mac.=EKI	Carr. Lon.=161deg		
Optical 23:57	00:30	01:54	Importance=M2	Qual=05		MaxkeV=102			
GOES 00:55:55	00:56:29	00:58:10	Peak...c/s=512	Qual=01	Tot Cts=5442	FePeak.c/s=130	#Peaks=1	dt= 3.8s	XEN=916000
HXRBS 00:54	00:59	01:50	CaPeak.c/s=820	Qual= 4	FePeak=00:59	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel
BGS 00:54						Rast=180"x1"	Step=0"	Pitch=-163"	Yaw=-227"
FCS 00:49			WaveLength=2788A		Exp #=90204				
UVSP 00:06:45	00:07:09	00:08:15	Peak...c/s=57	Associated	Event # = 11433	MaxkeV=102			
HXRBS 23:26			WaveLength=2788A	Qual=01	Tot Cts=473	Rast=243"x243"	Step=3"	Pitch=-334"	Yaw=+15"
UVSP 23:26					Exp #=90203				
BGS 23:58	00:12	00:13	CaPeak.c/s=199	Associated	Event # = 22556	FePeak.c/s=41	#Peaks=1	dt= 7.7s	XEN=915905
FCS 23:26			WaveLength=2788A	Qual= 2	FePeak=00:12	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel
UVSP 23:26					Exp #=90203	Rast=243"x243"	Step=3"	Pitch=-334"	Yaw=+15"
89/06/09, 02:27 DOY=160									
Event # = 22892	SMM Pointing:		S18E07	S18E07		Pitch=-297", Yaw=-117", Roll=180deg		H.Ang=20deg	
89/06/09, 02:27	DOY=160	Peak	Ha...Class=SF	N23E72	AR5528	Mac.=EKI	Carr. Lon.=95deg		
Optical 05:45	05:49	05:53	Importance=C8	Qual=01		MaxkeV=102	Flags=I		
GOES 05:45:57	05:46:33	05:47:53	Peak...c/s=57	Qual=01	Tot Cts=994	Rast=180"x1"	Step=0"	Pitch=-163"	Yaw=-188"
HXRBS 05:24			WaveLength=2788A		Exp #=90210				
UVSP 05:24									
89/06/09, 08:16 DOY=160									
Event # = 12547	SMM Pointing:		S18E07	S18E07		Pitch=-297", Yaw=-104", Roll=180deg		H.Ang=19deg	
89/06/09, 08:16	DOY=160	Peak	Ha...Class=SF	S20E10	AR5521	Mac.=EKI	Carr. Lon.=156deg		
Optical 07:48	08:16	09:55	Importance=M2	Qual=02		MaxkeV=102	Flags=I, EN		
GOES 07:49:22	07:50:34	08:00:23	Peak...c/s=69	Qual=03	Tot Cts=6600	Rast=180"x1"	Step=0"	Pitch=-163"	Yaw=-167"
HXRBS 07:53			WaveLength=2788A	Code=00	Exp #=90213				
UVSP 07:53									

Event # = 22893													
89/06/09,09:28	Start	DOY=160	End times										
	Peak												
GOES	09:26	09:28	09:33	CaPeak.c/s=31	Qual=00	FePeak=09:27	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=916002			
BCS				Wavelength=2788A	Qual=1	Exp #=90215	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel			
FCS							Rast=180"x1"	Step=0"	Pitch=-163"	Yaw=-153"			
UVSP	09:27												
Event # = 22894													
89/06/09,10:21	Start	DOY=160	End times										
	Peak												
Optical													
GOES	10:13	10:21	10:26	Ha...Class=SF	S18E08	AR5521	Mac.=EKI	Carr. Lon.=156deg	H. Ang=20deg				
BCS				CaPeak.c/s=89	Qual=04	FePeak=10:18	FePeak.c/s=15	#Peaks=1	dt= 7.7s	XEN=916003			
FCS				Wave length=1375A	Qual=1	Exp #=90218	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel			
UVSP	10:19						Rast=10"x10"	Step=0"	Pitch=-333"	Yaw=-160"			
Event # = 11436													
89/06/09,10:26	Start	DOY=160	End times										
	Peak												
Optical													
GOES	10:26:19	10:26:44	10:26:57	SMM Pointing:	S18E05		Pitch=-297"	Yaw=-78"	Roll=180deg	H. Ang=19deg			
HXRBS	10:19			Ha...Class=SF	S18E08	AR5521	Mac.=EKI	Carr. Lon.=156deg	H. Ang=20deg				
UVSP				Peak...c/s=53	Qual=00	Tot Cts=250	MaxkeV=102	Step=0"	Pitch=-333"	Yaw=-160"			
				Wave length=1375A	Qual=01	Exp #=90218	Rast=10"x10"	Step=0"	Pitch=-333"	Yaw=-160"			
Event # = 11437													
89/06/09,15:28	Start	DOY=160	End times										
	Peak												
Optical													
GOES	15:27:49	15:28:13	15:29:05	SMM Pointing:	S18E02		Pitch=-298"	Yaw=-38"	Roll=180deg	H. Ang=19deg			
HXRBS	15:40			Peak...c/s=56	Qual=00	Tot Cts=697	MaxkeV=102	Step=0"	Pitch=-164"	Yaw=-101"			
UVSP				Wave length=2788A	Qual=01	Exp #=90242	Rast=180"x1"	Step=0"	Pitch=-164"	Yaw=-101"			
Event # = 11438													
89/06/09,16:35	Start	DOY=160	End times										
	Peak												
Optical													
GOES	16:29	16:35	17:10	SMM Pointing:	S18E02	AR5533	Pitch=-299"	Yaw=-25"	Roll=180deg	H. Ang=18deg			
HXRBS	16:29:51	16:30:26	16:36:55	Ha...Class=SF	S20E90		Mac.=HSX	Carr. Lon.=71deg	H. Ang=90deg				
UVSP	16:13			Importance=M2	Qual=01	Tot Cts=10564	MaxkeV=231	Step=0"	Pitch=-164"	Yaw=-96"			
				Peak...c/s=292	Qual=01	Exp #=90243	Rast=180"x1"	Step=0"	Pitch=-164"	Yaw=-96"			
				Wave length=2788A	Code=01								
Event # = 11439													
89/06/09,21:41	Start	DOY=160	End times										
	Peak												
Optical													
GOES	21:37	21:41	21:47	SMM Pointing:	S18W01		Pitch=-180"	Yaw=+239"	Roll=-130deg	H. Ang=18deg			
HXRBS	21:38:29	21:39:11	21:40:12	Importance=M1	Qual=03	Tot Cts=1476	MaxkeV=102	Step=5"	Pitch=-155"	Yaw=+315"			
UVSP	21:08			Peak...c/s=67	Qual=01	Exp #=90248	Rast=70"x70"	Step=5"	Pitch=-155"	Yaw=+315"			
				Wave length=1375A	Code=00								
Event # = 11440													
89/06/09,22:54	Start	DOY=160	End times										
	Peak												
Optical													
GOES	22:42	22:54	00:07	SMM Pointing:	S18W02	AR5521	Pitch=-171"	Yaw=+250"	Roll=-130deg	H. Ang=19deg			
HXRBS	22:42:18	22:52:07	23:08:07	Ha...Class=SF	S20E02		Mac.=EKI	Carr. Lon.=156deg	H. Ang=21deg				
UVSP	22:40			Importance=M6	Qual=03	Tot Cts=67090	MaxkeV=275	Step=5"	Pitch=-185"	Yaw=+298"			
				Peak...c/s=455	Qual=01	Exp #=90251	Rast=30"x30"	Step=5"	Pitch=-185"	Yaw=+298"			
				Wave length=1375A	Code=00								
				Frequency(MHz)/Flux(sfu):									
				606/770 2695/73 4995/75 8800/89 15400/85									

Event # = 22895  
 89/06/10, 00:06 DOY=161  
 Start Peak End times  
 GOES 00:06 00:06 00:09 CaPeak.c/s=22 Qual=00 FePeak.c/s=5 #Peaks=1 dt= 7.7s XEN=916100  
 BCS 00:06 00:06 00:09 Wavelength=1375A Qual= 5 FePeak=00:06 Cad=1.02s 1.024s/pixel  
 FCS 00:09 Step=0" Rast=265" x265" Step=5" Pitch=-152" ,Yaw=+269"

Event # = 22896  
 89/06/10, 05:32 DOY=161  
 Start Peak End times  
 Optical S12W11 Carr. Lon.=165deg H. Ang=17deg  
 GOES 05:29 05:32 05:39 Ha...Class=IF S12W11 #Peaks=1 dt= 3.8s XEN=916101  
 BCS 05:29 05:32 05:39 CaPeak.c/s=66 Qual= 1 FePeak=05:32 Cad= 262s 1.024s/pixel  
 FCS 05:24 Wavelength=1375A Exp #=90283 Step=5" Pitch=-141" ,Yaw=+270"

Event # = 11444  
 89/06/10, 06:25 DOY=161  
 Start Peak End times  
 Optical S18W06 SMM Pointing: Pitch=-119" ,Yaw=+289" ,Roll=-130deg H. Ang=19deg  
 GOES 06:12 06:25 07:23 Ha...Class=2N S18E90 Carr. Lon.=63deg H. Ang=90deg  
 HXRBS 06:19:14 06:21:29 06:30:21 Importance=M5 Qual=01 MaxkeV=231 Flags=SA  
 BCS 06:26 06:27 06:31 CaPeak.c/s=35 Qual= 1 Tot Cts=47016 #Peaks=1 dt= 7.7s XEN=916102  
 FCS 06:24 Wavelength=1375A Code=00 Exp #=90286 Step=0" Cad=1.02s 1.024s/pixel  
 UVSP 06:24 III/3 WaveLength=1375A  
 Radio Type/Intensity: III/3  
 Radio Sweeps Frequency(MHz)/Flux(sfu): 245/180

Event # = 11441  
 89/06/10, 08:34 DOY=161  
 Start Peak End times  
 Optical S18W07 SMM Pointing: Pitch=-109" ,Yaw=+298" ,Roll=-130deg H. Ang=20deg  
 GOES 08:25 08:34 08:53 Ha...Class=SF N27E63 Carr. Lon.=89deg H. Ang=66deg  
 HXRBS 08:24:25 08:24:45 08:27:05 Importance=C6 Qual=03 MaxkeV=231 Step=0" Pitch=+31" ,Yaw=+233"  
 UVSP 08:39 Peak...c/s=208 Qual=01 Tot Cts=9292  
 Radio Frequency(MHz)/Flux(sfu): 245/180 410/61 606/64 Exp #=90294

Event # = 11442  
 89/06/10, 09:42 DOY=161  
 Start Peak End times  
 Optical S18W08 SMM Pointing: Pitch=-99" ,Yaw=+306" ,Roll=-130deg H. Ang=20deg  
 GOES 09:38 09:42 09:59 Ha...Class=IN S17E90 Carr. Lon.=62deg H. Ang=90deg  
 HXRBS 09:40:01 09:40:43 09:41:41 Importance=M1 Qual=01 MaxkeV=144 Step=0" Pitch=+34" ,Yaw=+235"  
 UVSP 09:14 Peak...c/s=162 Qual=01 Tot Cts=3213  
 HXRBS 09:43:08 09:43:12 09:43:17 Wavelength=2788A Exp #=11443  
 UVSP 09:43:08 09:43:12 09:43:17 Peak...c/s=78 Associated Event # = 11443  
 HXRBS 09:43:08 09:43:12 09:43:17 MaxkeV=102

Event # = 11445  
 89/06/10, 12:06 DOY=161  
 Start Peak End times  
 Optical S18W09 SMM Pointing: Pitch=-79" ,Yaw=+323" ,Roll=-130deg H. Ang=21deg  
 GOES 11:56 12:06 12:47 Ha...Class=SN N16E45 Carr. Lon.=105deg H. Ang=47deg  
 HXRBS 12:42:04 12:42:09 12:42:20 Importance=M1 Qual=05 MaxkeV=102  
 UVSP 12:18 Peak...c/s=60 Qual=01 Tot Cts=135 Step=0" Pitch=+55" ,Yaw=+253"  
 UVSP 12:18 Wavelength=2788A Exp #=90299

Event # = 11448  
 89/06/10, 12:35 Start D0Y=161 Peak S18W09 SMM Pointing: Pitch=-79", Yaw=+323", Roll=-130deg H.Ang=21deg  
 End times

GOES 12:34:46 12:35:02 12:35:10 Peak...c/s=54 Qual=00  
 WVSP 12:18 Wavelength=2788A Exp #=90299

Event # = 11447  
 89/06/10, 12:56 Start D0Y=161 Peak S18W09 SMM Pointing: Pitch=-79", Yaw=+323", Roll=-130deg H.Ang=21deg  
 End times

Optical 12:49 12:56 13:16 Ha...Class=SN N25E61  
 GOES 12:52:57 12:53:37 12:54:46 Importance=M2 AR5528  
 HXRBS 13:18 Wave length=2788A Qual=01  
 WVSP Tot Cts=3221 MaxkeV=144  
 Exp #=90300 Carr. Lon.=89deg H.Ang=64deg  
 HXRBS 12:47:38 12:48:50 12:50:14 Peak...c/s=68 Associated Event # = 11446 Step=0" Pitch=+61", Yaw=+258"  
 Qual=01 Tot Cts=1908 MaxkeV=102

Event # = 11450  
 89/06/10, 14:16 Start D0Y=161 Peak S18W10 SMM Pointing: Pitch=-71", Yaw=+335", Roll=-130deg H.Ang=21deg  
 End times

Optical 14:05 14:16 14:19 Ha...Class=SB S20E85  
 GOES 14:11:39 14:11:42 14:11:57 Importance=C7 AR5533  
 HXRBS 13:52 Wave length=2788A Code=01 Qual=01  
 WVSP Tot Cts=384 MaxkeV=187  
 Exp #=90301 Carr. Lon.=64deg H.Ang=85deg  
 HXRBS 14:07:01 14:07:30 14:08:13 Peak...c/s=67 Associated Event # = 11449 Step=0" Pitch=+63", Yaw=+262"  
 Qual=01 Tot Cts=826 MaxkeV=102

Event # = 22897  
 89/06/10, 16:24 Start D0Y=161 Peak AR5520 SMM Pointing: Carr. Lon.=171deg H.Ang=34deg  
 End times

Optical 16:10 16:24 16:28 Ha...Class=SF S25W23  
 GOES 17:02 17:07 17:36 CaPeak.c/s=167 Qual=00  
 BCS 17:06 17:36 CaPeak.c/s=341 Qual= 3 FePeak=16:20  
 WVSP 16:24 Wavelength=2788A Exp #=90304

Event # = 22898  
 89/06/10, 17:02 Start D0Y=161 Peak AR5533 SMM Pointing: Carr. Lon.=67deg H.Ang=82deg  
 End times

Optical 16:49 17:02 17:33 Ha...Class=IN S20E81  
 GOES 17:06 17:07 17:47 Importance=M2 Qual=05  
 BCS 17:06 17:36 CaPeak.c/s=341 Qual= 5 FePeak=17:06  
 WVSP 16:57 Wavelength=2788A Code=00 Exp #=90305

Event # = 11453  
 89/06/10, 19:07 Start D0Y=161 Peak S18E73 SMM Pointing: Pitch=-850", Yaw=-328", Roll=-130deg H.Ang=74deg  
 End times

Optical 19:02 19:07 19:44 Ha...Class=SB S20E80  
 GOES 19:06:37 19:07:17 19:08:44 Importance=M1 AR5533  
 HXRBS 18:40 19:06 19:20 Peak...c/s=169 Qual=03 AR5528  
 BCS 18:40 19:06 19:20 CaPeak.c/s=572 Qual=01  
 WVSP 18:42 Wavelength=2788A Code=00 Tot Cts=3658 FePeak=19:06  
 Exp #=90306

Optical 18:42 18:44 19:20 Ha...Class=SF N21E50  
 GOES 18:40 19:06 19:20 Importance=M1 Qual=01  
 BCS 18:40 19:06 19:20 CaPeak.c/s=169 Qual= 1  
 WVSP 18:42 Wavelength=2788A Code=00 Tot Cts=3658 FePeak=19:06  
 Exp #=90306

Optical 18:42 18:44 19:20 Ha...Class=SF N21E50  
 GOES 18:40 19:06 19:20 Importance=M1 Qual=01  
 BCS 18:40 19:06 19:20 CaPeak.c/s=169 Qual= 1  
 WVSP 18:42 Wavelength=2788A Code=00 Tot Cts=3658 FePeak=19:06  
 Exp #=90306

Optical 18:42 18:44 19:20 Ha...Class=SF N21E50  
 GOES 18:40 19:06 19:20 Importance=M1 Qual=01  
 BCS 18:40 19:06 19:20 CaPeak.c/s=169 Qual= 1  
 WVSP 18:42 Wavelength=2788A Code=00 Tot Cts=3658 FePeak=19:06  
 Exp #=90306

Optical 18:42 18:44 19:20 Ha...Class=SF N21E50  
 GOES 18:40 19:06 19:20 Importance=M1 Qual=01  
 BCS 18:40 19:06 19:20 CaPeak.c/s=169 Qual= 1  
 WVSP 18:42 Wavelength=2788A Code=00 Tot Cts=3658 FePeak=19:06  
 Exp #=90306

Optical 18:42 18:44 19:20 Ha...Class=SF N21E50  
 GOES 18:40 19:06 19:20 Importance=M1 Qual=01  
 BCS 18:40 19:06 19:20 CaPeak.c/s=169 Qual= 1  
 WVSP 18:42 Wavelength=2788A Code=00 Tot Cts=3658 FePeak=19:06  
 Exp #=90306

Optical 18:42 18:44 19:20 Ha...Class=SF N21E50  
 GOES 18:40 19:06 19:20 Importance=M1 Qual=01  
 BCS 18:40 19:06 19:20 CaPeak.c/s=169 Qual= 1  
 WVSP 18:42 Wavelength=2788A Code=00 Tot Cts=3658 FePeak=19:06  
 Exp #=90306



Event #	Start	End times	Peak	DOY	Event #	Tot Cts	Associated	Qual	CaPeak.c/s	Wavelength	FePeak	Exp	Mac	dt	dt=	XEN	Flags	Maxkey
HRBS	19:03:36	19:04:08	19:04:43	161	11451	3372	Qual=01	256	19:04:43	1375A	20:11	5	HSX	3.8s	3.8s	916106	M5,ND	368
HRBS	19:04:58	19:05:23	19:06:18	161	11452	2380	Qual=01	90	19:06:18	1375A	20:11	5	HSX	262s	262s	916106	M5,ND	102
HRBS	19:12:28	19:12:41	19:12:49	161	11454	97	Qual=01	50	19:12:49	1375A	20:11	5	HSX	265"	265"	916106	M5,ND	102
Event # = 22899	89/06/10,20:11	20:11	20:11	161	20:11	20:34	Qual=00	59	20:11	1375A	20:11	5	HSX	7	7	916106	M5,ND	102
GOES	20:11	20:11	20:34	161	20:11	20:34	Qual=00	59	20:11	1375A	20:11	5	HSX	7	7	916106	M5,ND	102
BCS	20:11	20:11	20:34	161	20:11	20:34	Qual=00	59	20:11	1375A	20:11	5	HSX	7	7	916106	M5,ND	102
UVSP	20:16	20:16	20:34	161	20:11	20:34	Qual=00	59	20:11	1375A	20:11	5	HSX	7	7	916106	M5,ND	102
Event # = 22900	89/06/10,22:22	22:22	22:22	161	22:22	22:26	Qual=01	42	22:22	1375A	22:21	1	HSX	10	10	916107	M5,ND	102
Optical	22:18	22:22	22:26	161	22:22	22:26	Qual=01	42	22:22	1375A	22:21	1	HSX	10	10	916107	M5,ND	102
Optical	22:21	22:22	22:26	161	22:22	22:26	Qual=01	42	22:22	1375A	22:21	1	HSX	10	10	916107	M5,ND	102
Optical	21:52	21:52	22:26	161	22:22	22:26	Qual=01	42	22:22	1375A	22:21	1	HSX	10	10	916107	M5,ND	102
GOES	22:18	22:22	22:26	161	22:22	22:26	Qual=01	42	22:22	1375A	22:21	1	HSX	10	10	916107	M5,ND	102
BCS	22:21	22:22	22:26	161	22:22	22:26	Qual=01	42	22:22	1375A	22:21	1	HSX	10	10	916107	M5,ND	102
FCS	21:52	21:52	22:26	161	22:22	22:26	Qual=01	42	22:22	1375A	22:21	1	HSX	10	10	916107	M5,ND	102
UVSP	21:52	21:52	22:26	161	22:22	22:26	Qual=01	42	22:22	1375A	22:21	1	HSX	10	10	916107	M5,ND	102
Event # = 11456	89/06/10,23:39	23:39	23:39	161	23:39	23:43	Qual=01	47	23:39	1375A	23:39	206	FKI	10	10	832		
Optical	23:37	23:39	23:43	161	23:39	23:43	Qual=01	47	23:39	1375A	23:39	206	FKI	10	10	832		
GOES	23:34:34	23:34:48	23:35:07	161	23:39	23:43	Qual=01	47	23:39	1375A	23:39	206	FKI	10	10	832		
HRBS	23:34:34	23:34:48	23:35:07	161	23:39	23:43	Qual=01	47	23:39	1375A	23:39	206	FKI	10	10	832		
UVSP	23:24	23:24	23:35:07	161	23:39	23:43	Qual=01	47	23:39	1375A	23:39	206	FKI	10	10	832		
Event # = 11457	89/06/10,23:51	23:51	23:51	161	23:51	23:51:47	Qual=01	56	23:51	1375A	23:51	201	HSX	10	10	831		
Optical	23:51	23:51	23:51:47	161	23:51	23:51:47	Qual=01	56	23:51	1375A	23:51	201	HSX	10	10	831		
Optical	23:51	23:51	23:51:47	161	23:51	23:51:47	Qual=01	56	23:51	1375A	23:51	201	HSX	10	10	831		
GOES	23:51:23	23:51:35	23:51:47	161	23:51	23:51:47	Qual=01	56	23:51	1375A	23:51	201	HSX	10	10	831		
HRBS	23:51:23	23:51:35	23:51:47	161	23:51	23:51:47	Qual=01	56	23:51	1375A	23:51	201	HSX	10	10	831		
UVSP	23:41	23:41	23:51:47	161	23:51	23:51:47	Qual=01	56	23:51	1375A	23:51	201	HSX	10	10	831		
Event # = 11458	89/06/11,01:39	01:39	01:39	162	01:39	01:45	Qual=00	39	01:39	1375A	01:39	313	HSX	1	1	16200		
Optical	01:37	01:39	01:45	162	01:39	01:45	Qual=00	39	01:39	1375A	01:39	313	HSX	1	1	16200		
Optical	01:36:54	01:37:06	01:37:23	162	01:39	01:45	Qual=01	51	01:37	1375A	01:39	313	HSX	1	1	16200		
GOES	01:36:54	01:37:06	01:37:23	162	01:39	01:45	Qual=01	51	01:37	1375A	01:39	313	HSX	1	1	16200		
HRBS	01:37	01:39	01:45	162	01:39	01:45	Qual=01	51	01:37	1375A	01:39	313	HSX	1	1	16200		
BCS	01:37	01:39	01:45	162	01:39	01:45	Qual=01	51	01:37	1375A	01:39	313	HSX	1	1	16200		
FCS	01:31	01:31	01:45	162	01:39	01:45	Qual=01	51	01:37	1375A	01:39	313	HSX	1	1	16200		
UVSP	01:31	01:31	01:45	162	01:39	01:45	Qual=01	51	01:37	1375A	01:39	313	HSX	1	1	16200		

<b>Event # = 22901</b>			
89/06/11,02:23	DOY=162	Peak	
GOES	02:22	02:36	End times
BCS	02:23	02:36	CaPeak.c/s=38
FCS	02:22	02:36	Qual=00
UVSP	02:26	02:36	Wavelength=1375A
			FePeak=02:22
			Exp #=90332
			Qual=4
			FePeak.c/s=9
			Rast=0"x0"
			Rast=265"x265"
			#Peaks=1
			dt= 7.7s
			XEN=916204
			Cad=1.02s
			1.024s/pixel
			Pitch=+373",Yaw=+814"
<b>Event # = 22902</b>			
89/06/11,02:50	DOY=162	Peak	
GOES	02:47	02:53	End times
BCS	02:49	02:54	CaPeak.c/s=58
FCS	02:47	02:53	Importance=C3
UVSP	02:46	02:54	Wave length=1375A
			Code=00
			Exp #=90336
			FePeak=02:49
			Qual=1
			FePeak.c/s=14
			Rast=240"x240"
			Rast=30"x30"
			#Peaks=1
			dt= 3.8s
			XEN=916205
			Cad= 262s
			1.024s/pixel
			Pitch=+400",Yaw=+826"
<b>Event # = 22903</b>			
89/06/11,06:20	DOY=162	Peak	
GOES	06:20	06:21	End times
BCS	06:20	06:21	CaPeak.c/s=19
FCS	06:20	06:21	Importance=C4
UVSP	06:09	06:21	Wave length=1375A
			Code=02
			Exp #=90352
			FePeak=06:20
			Qual=4
			FePeak.c/s=6
			Rast=0"x0"
			Rast=30"x30"
			#Peaks=1
			dt= 7.7s
			XEN=916203
			Cad=1.02s
			1.024s/pixel
			Pitch=+399",Yaw=+820"
<b>Event # = 22904</b>			
89/06/11,07:01	DOY=162	Peak	
GOES	07:01	07:08	End times
BCS	07:01	07:08	CaPeak.c/s=60
FCS	07:01	07:08	Importance=C4
UVSP	07:05	07:08	Wave length=1375A
			Code=02
			Exp #=90353
			FePeak=07:01
			Qual=5
			FePeak.c/s=8
			Rast=240"x240"
			Rast=265"x265"
			#Peaks=1
			dt= 3.8s
			XEN=916206
			Cad= 262s
			1.024s/pixel
			Pitch=+372",Yaw=+798"
<b>Event # = 11459</b>			
89/06/11,07:16	DOY=162	Peak	
GOES	07:16:03	07:16:26	End times
HXRBS	07:16:03	07:16:12	CaPeak.c/s=49
UVSP	07:07	07:16:12	Wave length=1375A
			Code=02
			Exp #=90355
			Tot Cts=208
			Exp #=90355
			MaxkeV=144
			Rast=30"x30"
			Step=5
			Pitch=+399",Yaw=+816"
			Pitch=+365",Yaw=+790",Roll=5deg
			H.Ang=67deg
<b>Event # = 22905</b>			
89/06/11,07:42	DOY=162	Peak	
GOES	07:38	07:50	End times
BCS	07:38	07:50	CaPeak.c/s=153
FCS	07:35	07:55	Importance=C4
UVSP	07:41	07:55	Wave length=1375A
			Code=00
			Exp #=90359
			FePeak=07:41
			Qual=1
			FePeak.c/s=22
			Rast=240"x240"
			Rast=30"x30"
			#Peaks=1
			dt= 7.7s
			XEN=916207
			Cad= 262s
			1.024s/pixel
			Pitch=+389",Yaw=+814"
<b>Event # = 11460</b>			
89/06/11,09:15	DOY=162	Peak	
GOES	09:01	09:15	End times
HXRBS	09:10:06	09:12:29	CaPeak.c/s=186
UVSP	09:23	09:15:03	Wave length=2788A
			Code=02
			Exp #=90361
			Tot Cts=9971
			Exp #=90361
			MaxkeV=102
			Rast=180"x1"
			Step=0
			Pitch=-4",Yaw=+0"
			Pitch=+0",Yaw=+0",Roll=5deg
			H.Ang=0deg
			MaxkeV=144
			Rast=30"x30"
			Step=5
			Pitch=+399",Yaw=+816"
			Pitch=+365",Yaw=+790",Roll=5deg
			H.Ang=67deg

Event # = 11461	DOY=162	SMM Pointing:	N01W00	Pitch=+0", Yaw=+0", Roll=-20deg	H. Ang=0deg
89/06/11, 10:21	Peak	End times			
GOES	10:20:22	10:21:05	10:21:34	MaxkeV=102	
HXRBS	09:56	09:56	09:56	Rast=180"x1"	Step=0" Pitch=-4", Yaw=+0"
UVSP				Tot Cts=431	
				Exp # = 90362	
Event # = 11462	DOY=162	SMM Pointing:	N01W00	Pitch=+0", Yaw=+0", Roll=-20deg	H. Ang=0deg
89/06/11, 10:24	Peak	End times			
GOES	10:24:29	10:24:29	10:24:31	MaxkeV=102	
HXRBS	09:56	09:56	09:56	Rast=180"x1"	Step=0" Pitch=-4", Yaw=+0"
UVSP				Tot Cts=42	
				Exp # = 90362	
Event # = 11463	DOY=162	SMM Pointing:	N01W00	Pitch=+0", Yaw=+0", Roll=-20deg	H. Ang=0deg
89/06/11, 10:38	Peak	End times			
GOES	10:38:16	10:38:20	10:38:29	MaxkeV=102	
HXRBS	10:56	10:56	10:56	Rast=180"x1"	Step=0" Pitch=-4", Yaw=+0"
UVSP				Tot Cts=116	
				Exp # = 90363	
Event # = 11464	DOY=162	SMM Pointing:	N01W00	Pitch=+0", Yaw=+0", Roll=-20deg	H. Ang=0deg
89/06/11, 10:39	Peak	End times			
HXRBS	10:39:25	10:39:27	10:39:29	MaxkeV=102	
UVSP	10:56	10:56	10:56	Rast=180"x1"	Step=0" Pitch=-4", Yaw=+0"
				Tot Cts=49	
				Exp # = 90363	
Event # = 11465	DOY=162	SMM Pointing:	S18E62	Pitch=+5", Yaw=+850", Roll=-20deg	H. Ang=64deg
89/06/11, 12:08	Peak	End times			
Optical				Mac.=EKO	H. Ang=65deg
GOES	12:05	12:08	12:10	MaxkeV=144	
HXRBS	12:05:49	12:06:45	12:07:39	FePeak.c/s=18	#Peaks=2 dt= 7.7s XEN=916208
BCS	11:38	12:07	12:13	Rast=240"x240"	Step=15" Cad= 262s 1.024s/pixel
FCS				Rast=180"x1"	Step=0" Pitch=+140", Yaw=+777"
UVSP	12:28			Exp # = 90365	
Event # = 22906	DOY=162	SMM Pointing:	S18E62	Pitch=+5", Yaw=+850", Roll=-20deg	H. Ang=64deg
89/06/11, 12:26	Peak	End times			
GOES	12:25	12:26	12:32	FePeak.c/s=7	#Peaks=1 dt= 7.7s XEN=916209
BCS				Rast=240"x240"	Step=15" Cad= 262s 1.024s/pixel
FCS				Rast=180"x1"	Step=0" Pitch=+140", Yaw=+777"
UVSP	12:28			Exp # = 90365	
Event # = 11466	DOY=162	SMM Pointing:	S18E62	Pitch=+5", Yaw=+850", Roll=-20deg	H. Ang=64deg
89/06/11, 13:53	Peak	End times			
Optical				Mac.=EKO	H. Ang=69deg
GOES	13:40	13:53	14:05	MaxkeV=187	
HXRBS	13:40:53	13:42:36	13:44:10	FePeak.c/s=57	#Peaks=1 dt= 7.7s XEN=916210
BCS	13:40	13:49	14:06	Rast=25"x25"	Step=5" Cad=25.6s 1.024s/pixel
FCS				Rast=180"x1"	Step=0" Pitch=-112", Yaw=+771"
UVSP	14:01			Exp # = 90367	

Event # = 11467																						
89/06/11, 14:49	DOY=162	Peak																				
Optical			SMM Pointing:	S18E61																		
GOES			Ha...Class=SN	S16E63																		
HXRBS	14:48:53	14:49:06	Peak...c/s=143	Qual=00																		
UVSP	14:35		Wavelength=2788A	Qual=01																		
Event # = 11468																						
89/06/11, 14:49	DOY=162	Peak																				
Optical			SMM Pointing:	S18E61																		
GOES			Ha...Class=SN	S16E63																		
HXRBS	14:49:41	14:49:47	Peak...c/s=191	Qual=00																		
UVSP	14:35		Wavelength=2788A	Qual=01																		
Event # = 11469																						
89/06/11, 14:59	DOY=162	Peak																				
Optical			SMM Pointing:	S18E61																		
GOES			Ha...Class=SN	S16E63																		
HXRBS	14:58:46	14:59:56	Peak...c/s=56	Qual=01																		
UVSP	14:35		Wavelength=2788A	Qual=01																		
Event # = 11470																						
89/06/11, 15:11	DOY=162	Peak																				
Optical			SMM Pointing:	S18E61																		
GOES			Ha...Class=SN	S20E63																		
HXRBS	15:11:03	15:11:13	Peak...c/s=72	Qual=00																		
UVSP	15:34		Wavelength=2788A	Qual=01																		
Event # = 11475																						
89/06/11, 15:39	DOY=162	Peak																				
Optical			SMM Pointing:	S18E61																		
GOES			Ha...Class=SN	S20E63																		
HXRBS	15:32:22	15:36:12	Importance=C4	Qual=03																		
BCS	15:34	15:37	Peak...c/s=58	Qual=01																		
FCS			CaPeak.c/s=103	Qual=3																		
UVSP	15:34		Wavelength=2788A	Code=00																		
Event # = 11471																						
89/06/11, 16:37	DOY=162	Peak																				
Optical			SMM Pointing:	N20E40																		
GOES			Ha...Class=SN	Qual=00																		
HXRBS	16:36:28	16:37:41	Peak...c/s=54	Qual=01																		
UVSP	17:06		Wavelength=2788A	Qual=01																		
Event # = 11472																						
89/06/11, 22:55	DOY=162	Peak																				
Optical			SMM Pointing:	N20E37																		
GOES			Ha...Class=SF	S19E57																		
HXRBS	22:51	22:55	Importance=C4	Qual=01																		
UVSP	22:53:03	22:53:14	Peak...c/s=59	Qual=01																		
	22:52		Wavelength=1375A	Code=00																		

89/06/12 DOY=163

Event # = 11473  
 89/06/12,00:19 DOY=163 Peak  
 SMM Pointing: N20E36 H. Ang=40deg  
 Ha...Class=SF AR5528 Carr. Lon.=86deg  
 Qual=00  
 Peak...c/s=49 dt= 7.7s XEN=916300  
 CaPeak.c/s=37 FePeak=00:18 Cad=3840s 3840s/pixel  
 Wavelength=1375A Exp #=90393 Step=5" Pitch=-425",Yaw=+386"  
 UVSP 00:08

Event # = 12548  
 89/06/12,02:19 DOY=163 Peak  
 SMM Pointing: N20E35 H. Ang=39deg  
 Ha...Class=SF AR5528 Carr. Lon.=92deg  
 Qual=01  
 Importance=M1 dt= 3.8s XEN=916301  
 Peak...c/s=303 #Peaks=1 Cad= 262s 1.024s/pixel  
 CaPeak.c/s=120 Qual= 1 FePeak=01:54 Step=15" Pitch=-425",Yaw=+373"  
 Wavelength=1375A Code=00 Exp #=90404  
 Associated Event # = 11474  
 Peak...c/s=69 Tot Cts=12600 Maxkey=144  
 Wavelength=1375A Qual=01 Tot Cts=1620 FePeak.c/s=23  
 HXRBS 01:50:03 01:51:29 01:52:43 Peak...c/s=69 Tot Cts=1620 FePeak=03:06 dt= 3.8s XEN=916302  
 UVSP 01:39 Wave length=1375A Exp #=90400 Exp #=90405 Step=5" Pitch=-422",Yaw=+377"  
 Rast=240"x240" Rast=265"x265" Rast=30"x30" Rast=30"x30"

Event # = 22907  
 89/06/12,03:10 DOY=163 Peak  
 SMM Pointing: N20E35 H. Ang=39deg  
 Ha...Class=SF AR5528 Carr. Lon.=92deg  
 Qual=00  
 CaPeak.c/s=70 dt= 3.8s XEN=916302  
 Wave length=1375A Exp #=90405 Step=5" Pitch=-460",Yaw=+374"  
 UVSP 03:09

Event # = 12549  
 89/06/12,03:20 DOY=163 Peak  
 SMM Pointing: N20E35 H. Ang=39deg  
 Ha...Class=SF AR5528 Carr. Lon.=92deg  
 Qual=00  
 Peak...c/s=55 dt= 3.8s XEN=916302  
 Wave length=1375A Exp #=90407 Step=5" Pitch=-563",Yaw=+391"  
 UVSP 03:13

Event # = 12550  
 89/06/12,03:40 DOY=163 Peak  
 SMM Pointing: N20E34 H. Ang=38deg  
 Ha...Class=SF AR5528 Carr. Lon.=92deg  
 Qual=00  
 Peak...c/s=49 dt= 7.7s XEN=916303  
 Wave length=1375A Exp #=90409 Step=5" Pitch=-562",Yaw=+389"  
 UVSP 03:29

Event # = 22908  
 89/06/12,05:30 DOY=163 Peak  
 SMM Pointing: N20E34 H. Ang=38deg  
 Ha...Class=SF AR5528 Carr. Lon.=92deg  
 Qual=00  
 CaPeak.c/s=42 dt= 7.7s XEN=916303  
 Wave length=1375A Exp #=90418 Step=5" Pitch=-417",Yaw=+348"  
 UVSP 05:18

Event # = 11477									
89/06/12, 06:21	DOY=163	Peak	SMM Pointing:		N20E33	Pitch=-463", Yaw=+349", Roll=-20deg		H. Ang=38deg	
GOES					Qual=01				
HXRBS	06:19:02	06:19:18	06:20:03	Peak...c/s=373	Qual=01	Tot Cts=2521			
BCS	06:20	06:21	06:26	CaPeak.c/s=73	Qual=1	FePeak=06:21			
FCS							dt= 3.8s		XEN=916304
UVSP	06:18			Wavelength=1375A			Cad= 262s		1.024s/pixel
Radio			Frequency(MHz)/Flux(sfu): 8800/70 15400/180				Step=5"		Pitch=-375", Yaw=+291"
Event # = 11478									
89/06/12, 06:35	DOY=163	Peak	SMM Pointing:		N20E32	Pitch=-459", Yaw=+339", Roll=-20deg		H. Ang=37deg	
GOES					Qual=00				
HXRBS	06:35:44	06:35:49	06:36:09	Peak...c/s=59	Qual=01	Tot Cts=331			
UVSP	06:35			Wavelength=1375A			Exp #=90423		
Event # = 11476									
89/06/12, 08:26	DOY=163	Peak	SMM Pointing:		N20E32	Pitch=-456", Yaw=+329", Roll=-20deg		H. Ang=36deg	
GOES					Qual=01				
HXRBS	08:22:23	08:22:50	08:22:56	Peak...c/s=47	Qual=01	Tot Cts=196			
BCS	08:23	08:26	08:33	CaPeak.c/s=54	Qual=1	FePeak=08:23			
FCS							dt= 3.8s		XEN=916305
UVSP	08:33			Wavelength=2788A			Cad= 262s		1.024s/pixel
Event # = 22909									
89/06/12, 09:59	DOY=163	Peak	SMM Pointing:		N20E30	Pitch=-448", Yaw=+308", Roll=-20deg		H. Ang=35deg	
GOES					Qual=01				
BCS	09:59	09:59	10:01	CaPeak.c/s=26	Qual=4	FePeak=09:59			
FCS							dt= 7.7s		XEN=916306
UVSP	10:07			Wavelength=2788A			Step=0"		1.024s/pixel
Event # = 11479									
89/06/12, 10:58	DOY=163	Peak	SMM Pointing:		N20E30	Pitch=-448", Yaw=+308", Roll=-20deg		H. Ang=35deg	
Optical					Qual=01				
GOES	10:44	10:58	11:15	Ha...Class=SF	S18E59	AR5533			
HXRBS	11:05:29	11:05:34	11:05:44	Importance=C6	Qual=04	Tot Cts=133			
BCS	10:49	10:51	10:57	Peak...c/s=51	Qual=1	FePeak=10:49			
FCS					Qual=4			dt= 3.8s	
UVSP	10:39			Wavelength=2788A	Code=01	Exp #=90430		XEN=916307	
Radio			Frequency(MHz)/Flux(sfu): 245/320 606/170				Step=0"		1.024s/pixel
Event # = 11484									
89/06/12, 11:42	DOY=163	Peak	SMM Pointing:		N20E30	Pitch=-448", Yaw=+308", Roll=-20deg		H. Ang=35deg	
GOES					Qual=00				
HXRBS	11:37:15	11:37:46	11:38:08	Peak...c/s=44	Qual=01	Tot Cts=201			
BCS	11:37	11:42	11:44	CaPeak.c/s=74	Qual=2	FePeak=11:42			
FCS							dt= 7.7s		XEN=916308
UVSP	11:38			Wavelength=2788A			Cad= 262s		1.024s/pixel
						Step=0"		Pitch=-311", Yaw=+233"	

Event # = 11480		SMM Pointing:		N20E29		Pitch=-444",Yaw=+298",Roll=-20deg		H.Ang=34deg	
89/06/12, 12:26	DOY=163	Peak	End times	Qual=01					
Start	12:26	12:28		Qual=01					
GOES	12:23	12:26	12:28	Importance=C3					
HXRBS	12:24:49	12:24:54	12:26:16	Peak...c/s=87					
UVSP	12:13			Wavelength=2788A	Code=00				Step=0" Pitch=-310",Yaw=+230"
Event # = 11481		SMM Pointing:		N20E29		Pitch=-444",Yaw=+298",Roll=-20deg		H.Ang=34deg	
89/06/12, 12:46	DOY=163	Peak	End times	Qual=01					
Start	12:46	12:51		Qual=01					
GOES	12:28	12:46	12:51	Importance=C5					
HXRBS	12:27:22	12:29:07	12:31:19	Peak...c/s=151					
BCS	12:25	12:31	13:17	CaPeak.c/s=114					
FCS	13:12			Wavelength=2788A					
UVSP				4995/59					
Radio		Frequency (MHz)/Flux(sfu):		Associated Event # = 11482					
HXRBS	12:43:18	12:43:44	12:44:16	Peak...c/s=72	Qual=01				
Event # = 11483		SMM Pointing:		N20E29		Pitch=-444",Yaw=+298",Roll=-20deg		H.Ang=34deg	
89/06/12, 13:03	DOY=163	Peak	End times	S16E51					
Start	13:03	13:08		Qual=03					
Optical				Ha...Class=SN					
GOES	12:58	13:03	13:08	Importance=C8					
HXRBS	12:58:49	12:59:34	13:01:10	Peak...c/s=54					
UVSP	13:12			Wavelength=2788A	Code=02				
Event # = 11485		SMM Pointing:		N20E27		Pitch=-436",Yaw=+277",Roll=-20deg		H.Ang=33deg	
89/06/12, 15:57	DOY=163	Peak	End times	N24E33					
Start	15:57	15:59		Qual=01					
Optical				Ha...Class=SF					
GOES	15:53	15:57	15:59	Importance=C3					
HXRBS	15:54:51	15:55:35	15:55:54	Peak...c/s=94					
BCS	15:54	15:55	16:00	CaPeak.c/s=84					
FCS				Qual=1					
UVSP	16:16			Wavelength=2788A					
Event # = 11486		SMM Pointing:		N20E27		Pitch=-432",Yaw=+266",Roll=-20deg		H.Ang=32deg	
89/06/12, 17:03	DOY=163	Peak	End times	S19E55					
Start	17:03	17:13		Qual=04					
Optical				Ha...Class=1N					
GOES	16:55	17:03	17:13	Importance=C7					
HXRBS	16:58:21	16:58:39	16:59:35	Peak...c/s=56					
UVSP	16:51			Wavelength=2788A	Code=00				
Event # = 22910		SMM Pointing:		N20E27		Pitch=-432",Yaw=+266",Roll=-20deg		H.Ang=32deg	
89/06/12, 18:35	DOY=163	Peak	End times	S19E55					
Start	18:35	18:37		Qual=04					
GOES	18:34	18:35	18:37	CaPeak.c/s=21					
BCS				Qual=4					
FCS				Wavelength=2788A					
UVSP	18:36			FePeak=18:34					
				Exp #=90439					
				FePeak.c/s=8					
				Rast=240"x240"					
				dt= 7.7s					
				XEN=916311					
				Step=10"					
				Cad= 590s					
				1.024s/pixel					
				Step=3"					
				Pitch=-420",Yaw=+268"					

Event # = 22911	DOY=163	End times		Mac.=FKC	Carr. Lon.=89deg	H. Ang=36deg
89/06/12, 18:54	Peak					
Optical		Ha...Class=SF	N20E31	FePeak.c/s=9	#Peaks=1	dt= 7.7s
GOES		CaPeak.c/s=22	Qual=00	Rast=115"x115"	Step=5"	Cad=1083s
BCS	18:53	WaveLength=2788A	Qual= 4	Rast=243"x243"	Step=3"	Pitch=-420", Yaw=+268"
FCS	18:59					
UVSP	18:36		Exp #=90439			
Event # = 11487	DOY=163	End times		Mac.=FKO	Carr. Lon.=73deg	H. Ang=49deg
89/06/12, 19:14	Peak					
Optical		SMM Pointing:	N20E26	Pitch=-428", Yaw=+255"	Roll=-20deg	H. Ang=32deg
GOES	19:03	Ha...Class=SF	S16E47	MaxkeV=102		
BCS	19:14	Importance=C4	Qual=03			
HXRBS	19:03:48	Peak...c/s=51	Qual=01	Rast=243"x243"	Step=3"	Pitch=-420", Yaw=+268"
UVSP	18:36	WaveLength=2788A	Code=00			
Event # = 22912	DOY=163	End times		Mac.=FKC	Carr. Lon.=91deg	H. Ang=34deg
89/06/12, 21:38	Peak					
Optical		Ha...Class=SF	N21E28	FePeak.c/s=6	#Peaks=1	dt= 7.7s
GOES	21:38	CaPeak.c/s=25	Qual= 5	Rast=0"x0"	Step=0"	Cad=1.02s
BCS	21:38	WaveLength=1375A	Code=00	Rast=265"x265"	Step=5"	Pitch=-412", Yaw=+245"
FCS	21:41		Exp #=90442			
UVSP	21:41					
Event # = 22913	DOY=164	End times		Mac.=DS0	Carr. Lon.=142deg	H. Ang=32deg
89/06/13, 00:55	Peak					
Optical		Ha...Class=SF	S19W25	FePeak.c/s=8	#Peaks=1	dt= 7.7s
GOES	00:51	CaPeak.c/s=31	Qual=00	Rast=0"x0"	Step=0"	Cad=1.02s
BCS	00:55	WaveLength=1375A	Code=00	Rast=30"x30"	Step=5"	Pitch=-437", Yaw=+255"
FCS	01:10		Exp #=90460			
UVSP	00:50					
Event # = 22914	DOY=164	End times		Mac.=FKC	Carr. Lon.=94deg	H. Ang=29deg
89/06/13, 02:11	Peak					
Optical		Ha...Class=SF	N20E22	FePeak.c/s=5	#Peaks=1	dt= 7.7s
GOES	02:00	Importance=C5	Qual=05	Rast=0"x0"	Step=0"	Cad=1.02s
BCS	02:11	CaPeak.c/s=27	Qual= 5	Rast=265"x265"	Step=5"	Pitch=-399", Yaw=+211"
FCS	02:16	WaveLength=1375A	Code=02			
UVSP	02:19		Exp #=90465			
Event # = 22915	DOY=164	End times		Mac.=FKC	Carr. Lon.=94deg	H. Ang=29deg
89/06/13, 02:22	Peak					
Optical		Ha...Class=SF	N20E22	FePeak.c/s=12	#Peaks=1	dt= 7.7s
GOES	02:21	CaPeak.c/s=42	Qual=00	Rast=0"x0"	Step=0"	Cad=1.02s
BCS	02:22	WaveLength=1375A	Code=01	Rast=265"x265"	Step=5"	Pitch=-399", Yaw=+211"
FCS	02:35		Qual= 1			
UVSP	02:19		Exp #=90465			



Event # = 22916								
89/06/13, 04:42	DOY=164	End times						
Start	Peak							
GOES 04:04	04:42	04:44	CaPeak.c/s=84	Qual=00	FePeak=04:42	FePeak.c/s=10	#Peaks=2	dt= 7.7s
BCS				Qual= 2		Rast=240"x240"	Step=15"	Cad= 262s
FCS					Exp #=90478	Rast=30"x30"	Step=5"	Pitch=-387", Yaw=+193"
UVSP 04:30			Wavelength=1375A					
Event # = 22917								
89/06/13, 05:37	DOY=164	End times						
Start	Peak							
GOES 05:21	05:37	06:15	CaPeak.c/s=84	Qual=00	FePeak=05:37	FePeak.c/s=7	#Peaks=1	dt= 7.7s
BCS				Qual= 4		Rast=240"x240"	Step=15"	Cad= 262s
FCS					Exp #=90481	Rast=30"x30"	Step=5"	Pitch=-424", Yaw=+181"
UVSP 05:29			Wavelength=1375A					
Event # = 11488								
89/06/13, 06:15	DOY=164	End times						
Start	Peak		SMM Pointing:	N20E20		Pitch=-399", Yaw=+176", Roll=-20deg		H. Ang=27deg
GOES 06:15:21	06:15:27	06:15:42	Peak...c/s=44	Qual=00	Tot Cts=101	MaxkeV=102		
HXRBS			Wavelength=1375A	Qual=01	Exp #=90485	Rast=30"x30"	Step=5"	Pitch=-418", Yaw=+172"
UVSP 06:03			Frequency(MHz)/Flux(sfu): 245/51 410/170					
Event # = 22918								
89/06/13, 07:21	DOY=164	End times						
Start	Peak							
GOES 06:54	07:21	07:48	CaPeak.c/s=42	Qual=00	FePeak=07:20	FePeak.c/s=9	#Peaks=2	dt= 7.7s
BCS				Qual= 1		Rast=0"x0"	Step=0"	Cad=1.02s
FCS					Exp #=90490	Rast=30"x30"	Step=5"	Pitch=-379", Yaw=+172"
UVSP 07:18			Wavelength=1375A					
Event # = 22919								
89/06/13, 08:27	DOY=164	End times						
Start	Peak							
GOES 08:27	08:27	08:32	CaPeak.c/s=19	Qual=00	FePeak=08:27	FePeak.c/s=7	#Peaks=1	dt= 7.7s
BCS				Qual= 5		Rast=0"x0"	Step=0"	Cad=1.02s
FCS					Exp #=90493	Rast=180"x1"	Step=0"	Pitch=-256", Yaw=+83"
UVSP 08:18			Wavelength=2788A					
Event # = 11489								
89/06/13, 08:46	DOY=164	End times						
Start	Peak		SMM Pointing:	N20E18		Pitch=-390", Yaw=+153", Roll=-20deg		H. Ang=26deg
GOES 08:46:10	08:46:18	08:46:28	Peak...c/s=45	Qual=00	Tot Cts=98	MaxkeV=102		
HXRBS			Wavelength=2788A	Qual=01	Exp #=90493	Rast=180"x1"	Step=0"	Pitch=-256", Yaw=+83"
UVSP 08:18								
Event # = 22920								
89/06/13, 09:20	DOY=164	End times						
Start	Peak							
GOES 09:15	09:20	09:21	CaPeak.c/s=39	Qual=00	FePeak=09:18	FePeak.c/s=12	#Peaks=1	dt= 7.7s
BCS				Qual= 3		Rast=0"x0"	Step=0"	Cad=1.02s
FCS					Exp #=90494	Rast=180"x1"	Step=0"	Pitch=-254", Yaw=+76"
UVSP 09:16			Wavelength=2788A					

Event # = 22921									
89/06/13,10:00	DOY=164	Peak	End times						
GOES	09:59	10:00	10:31	CaPeak.c/s=26	Qual=00	FePeak=10:01	FePeak.c/s=9	#Peaks=1	dt= 7.7s XEN=916408
FCS	09:50			Wavelength=2788A	Qual= 5	Exp #=90495	Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
UVSP							Rast=180"x1"	Step=0"	Pitch=-252", Yaw=+72"
Event # = 11491									
89/06/13,13:27	DOY=164	Peak	End times	SMM Pointing:	N20E16				Pitch=-377", Yaw=+117", Roll=-20deg H. Ang=25deg
Optical				Ha...Class=SF	S19E42	AR5533	Mac.=FKI	Carr. Lon.=68deg	H. Ang=46deg
GOES	11:03	13:27	16:12	Ha...Class=SF	N22E17	AR5528		Carr. Lon.=93deg	H. Ang=27deg
HXRBS	13:24:55	13:25:05	13:25:25	Importance=M1	Qual=02		MaxkeV=102	#Peaks=1	dt= 3.8s XEN=916410
BGS	13:05	13:08	13:59	Peak...c/s=84	Qual=01	Tot Cts=515	FePeak.c/s=36	Step=15"	Cad= 262s 1.024s/pixel
FCS				CaPeak.c/s=476	Qual= 4	FePeak=13:07	Rast=240"x240"	Step=0"	Pitch=-241", Yaw=+41"
UVSP	13:54			Wavelength=2788A		Exp #=90500	MaxkeV=102	Step=0"	Pitch=-243", Yaw=+48"
HXRBS	13:21:51	13:21:58	13:22:14	Associated		Event # = 11490	FePeak.c/s=36	#Peaks=1	dt= 3.8s XEN=916409
UVSP	12:55			Peak...c/s=55	Qual=01	Tot Cts=151	Rast=240"x240"	Step=15"	Cad= 262s 1.024s/pixel
BGS	11:32	11:36	12:27	Wavelength=2788A		Exp #=90499	Rast=180"x1"	Step=0"	Pitch=-248", Yaw=+60"
FCS				Associated		Event # = 22922	MaxkeV=102	Step=0"	Pitch=-243", Yaw=+48"
UVSP	11:24			CaPeak.c/s=342	Qual= 4	FePeak=11:33	Rast=180"x1"	Step=0"	Pitch=-243", Yaw=+48"
BGS	14:37	14:43	15:32	Wavelength=2788A		Exp #=90497	FePeak.c/s=11	#Peaks=1	dt= 3.8s XEN=916411
FCS				Associated		Event # = 22924	Rast=240"x240"	Step=15"	Cad= 262s 1.024s/pixel
UVSP	14:29			CaPeak.c/s=117	Qual= 4	FePeak=14:43	Rast=180"x1"	Step=0"	Pitch=-265", Yaw=+28"
Event # = 11455									
89/06/13,13:52	DOY=164	Peak	End times	SMM Pointing:	N20E16				Pitch=-377", Yaw=+117", Roll=-20deg H. Ang=25deg
GOES	13:51:43	13:52:01	13:52:43	Peak...c/s=61	Qual=00	Tot Cts=575	MaxkeV=102	Step=0"	Pitch=-241", Yaw=+41"
HXRBS	13:54			Wavelength=2788A	Qual=01	Exp #=90500	Rast=180"x1"	Step=0"	Pitch=-241", Yaw=+41"
UVSP									
Event # = 11492									
89/06/13,14:48	DOY=164	Peak	End times	SMM Pointing:	N22E15				H. Ang=26deg
Optical				Ha...Class=SF	S19E43	AR5533	Mac.=FKI	Carr. Lon.=66deg	H. Ang=47deg
GOES	14:47:27	14:48:24	14:48:39	Peak...c/s=62	Qual=00	Tot Cts=972	MaxkeV=187	Step=0"	Pitch=-265", Yaw=+28"
HXRBS	14:29			Wavelength=2788A	Qual=01	Exp #=90501	Rast=180"x1"	Step=0"	Pitch=-265", Yaw=+28"
UVSP									
Event # = 22925									
89/06/13,16:10	DOY=164	Peak	End times						
GOES	16:09	16:10	16:47	CaPeak.c/s=32	Qual= 5	FePeak=16:17	FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=916412
BGS	16:14			Wavelength=2788A		Exp #=90503	Rast=115"x115"	Step=5"	Cad=1083s 2.048s/pixel
FCS							Rast=243"x243"	Step=3"	Pitch=-387", Yaw=+98"
UVSP									

Event # = 22926		89/06/13, 17:43	Peak	DOY=164	End times				H. Ang=30deg	
Optical					Ha...Class=SF	N16E26	AR5536			
GOES	17:43	17:43	17:51		CaPeak.c/s=23	Qual=5	FePeak=17:44		#Peaks=1	dt= 7.7s
BGS					WaveLength=1375A		Exp #=90504		Step=0"	Cad=1.02s
FCS									Step=5"	Pitch=-382" , Yaw="+86"
UVSP	17:48								Rast=265"x265"	
Event # = 22927		89/06/13, 18:08	Peak	DOY=164	End times				H. Ang=62deg	
Optical					Ha...Class=SF	S25W58	AR5520			
GOES	18:06	18:08	18:14		CaPeak.c/s=19	Qual=4	FePeak=18:06		#Peaks=1	dt= 7.7s
BGS					WaveLength=1375A		Exp #=90505		Step=0"	Cad=1.02s
FCS									Step=5"	Pitch=-390" , Yaw="+89"
UVSP	17:50								Rast=70"x70"	
Event # = 22928		89/06/13, 18:18	Peak	DOY=164	End times				H. Ang=30deg	
Optical					Ha...Class=SF	N16E26	AR5536			
GOES	18:18	18:18	18:21		CaPeak.c/s=24	Qual=4	FePeak=18:18		#Peaks=1	dt= 7.7s
BGS					WaveLength=1375A		Exp #=90505		Step=0"	Cad=1.02s
FCS									Step=5"	Pitch=-390" , Yaw="+89"
UVSP	17:50								Rast=70"x70"	
Event # = 11493		89/06/13, 19:50	Peak	DOY=164	SMM Pointing:				H. Ang=24deg	
Optical					N22E12					
GOES	19:41	19:50	20:13		Ha...Class=SF	N19E14	AR5528			
HXRBS	19:41:28	19:42:12	19:44:52		Importance=C7	Qual=03			#Peaks=2	dt= 7.7s
BGS	19:21	19:47	19:56		Peak...c/s=176	Qual=01	Tot Cts=7989		Step=15"	Cad= 262s
FCS					CaPeak.c/s=365	Qual=1	FePeak=19:45		Step=5"	Pitch=-275" , Yaw="+35"
UVSP	19:39				WaveLength=1375A	Code=00	Exp #=90510		Rast=30"x30"	
Radio	Frequency(MHz)/Flux(sfu):	8800/120								
Event # = 11494		89/06/13, 20:54	Peak	DOY=164	SMM Pointing:				H. Ang=24deg	
Optical					N22E12					
GOES	20:52:21	20:52:27	20:52:33		Ha...Class=SF	Qual=00				
HXRBS	20:48	20:54	21:16		Peak...c/s=48	Qual=01	Tot Cts=89		#Peaks=3	dt= 7.7s
BGS					CaPeak.c/s=30	Qual=4	FePeak=20:53		Step=0"	Cad=1.02s
FCS					WaveLength=1375A		Exp #=90513		Step=5"	Pitch=-374" , Yaw="+63"
UVSP	20:52								Rast=265"x265"	
Event # = 11495		89/06/13, 21:10	Peak	DOY=164	SMM Pointing:				H. Ang=24deg	
Optical					N22E12					
GOES	21:10:26	21:10:41	21:10:54		Ha...Class=SF	Qual=00				
HXRBS	20:56				Peak...c/s=63	Qual=01	Tot Cts=196		#Peaks=3	dt= 7.7s
UVSP					WaveLength=1375A		Exp #=90515		Step=5"	Pitch=-337" , Yaw="+70"

Event # = 22929  
89/06/13, 22:58 DOY=164  
GOES Start End times  
BCS 22:57 22:58 23:04 CaPeak.c/s=24 Qual=00 FePeak=22:57  
FCS WaveLength=1375A  
UVSP 22:46 Exp #=90524  
dt= 7.7s XEN=916418  
Cad=1.02s 1.024s/pixel  
Pitch=+171", Yaw=+292"

89/06/14 DOY=165  
GOES Start End times  
BCS 00:02 00:03 00:08 CaPeak.c/s=26 Qual=00 FePeak=00:04  
FCS WaveLength=1375A  
UVSP 00:02 Exp #=90529  
dt= 7.7s XEN=916500  
Cad=1.02s 1.024s/pixel  
Pitch=-318", Yaw=+32"

Event # = 22931  
89/06/14, 00:39 DOY=165  
GOES Start End times  
BCS 00:39 00:39 00:42 CaPeak.c/s=24 Qual=01 FePeak=00:39  
FCS WaveLength=1375A  
UVSP 00:28 Exp #=90533  
dt= 3.8s XEN=916501  
Cad=1.02s 1.024s/pixel  
Pitch=-287", Yaw=+8"

Event # = 22932  
89/06/14, 01:57 DOY=165  
Optical Start End times  
GOES 01:46 01:57 02:06 Ha...Class=SF N15E23 AR5536  
BCS Carr. Lon.=80deg  
FCS CaPeak.c/s=50 Qual=00  
UVSP 01:47 WaveLength=1375A FePeak=01:54  
dt= 3.8s XEN=916502  
Cad=1.02s 1.024s/pixel  
Pitch=-283", Yaw=-2"

Event # = 11497  
89/06/14, 03:17 DOY=165  
Optical Start End times  
GOES 03:15:45 03:17:12 03:19:41 SMM Pointing: N22E08 H. Ang=23deg  
HXRBS 02:50 03:18 03:51 Ha...Class=SF N17E06 H. Ang=17deg  
UVSP 02:50 03:18 03:51 Peak...c/s=238 Qual=01 AR5528  
Radio Frequency (MHz)/Flux(sfu): 245/100 410/240 8800/80 15400/77  
Tot Cts=4338  
Exp #=90545

Event # = 11496  
89/06/14, 03:18 DOY=165  
Optical Start End times  
GOES 03:00:51 03:05:39 03:09:37 SMM Pointing: N22E08 H. Ang=23deg  
HXRBS 02:59 03:18 03:51 Ha...Class=SF N14W04 H. Ang=14deg  
FCS 02:50 03:18 03:51 Peak...c/s=201 Qual=04  
UVSP 02:50 03:18 03:51 CaPeak.c/s=146 Qual=01  
Radio Frequency (MHz)/Flux(sfu): 410/130 606/26 15400/54  
Tot Cts=10773  
FePeak=03:18  
Exp #=90545  
MaxkeV=144  
Rast=180"x1"



Event # = 22935		DOY=165		End times			
89/06/14, 09:10	Start	09:10	09:14	CaPeak.c/s=23	Qual=00	FePeak=09:11	
GOES				WaveLength=2788A	Qual=5	Exp #=90553	
BCS							#Peaks=1 dt= 7.7s XEN=916507
FCS							Step=0" Cad=1.02s 1.024s/pixel
UVSP							Step=0" Pitch=-213" ,Yaw=-114"
Event # = 11502		DOY=165		SMM Pointing:		Pitch=-346" ,Yaw=-45" ,Roll=-20deg H.Ang=22deg	
89/06/14, 09:35	Start	09:35	09:40	Importance=C4	Qual=01	Tot Cts=128	
GOES				Peak...c/s=45	Qual=01	Exp #=90554	
HXRBS				WaveLength=2788A			MaxkeV=102
UVSP							Rast=180"x1" Step=0" Pitch=-210" ,Yaw=-121"
Event # = 22936		DOY=165		SMM Pointing:		Pitch=-341" ,Yaw=-56" ,Roll=-20deg H.Ang=21deg	
89/06/14, 10:01	Start	10:01	10:04	CaPeak.c/s=23	Qual=00	FePeak=10:02	
GOES				WaveLength=2788A	Qual=1	Exp #=90554	
BCS							#Peaks=1 dt= 7.7s XEN=916508
FCS							Step=0" Cad=1.02s 1.024s/pixel
UVSP							Step=0" Pitch=-210" ,Yaw=-121"
Event # = 11504		DOY=165		SMM Pointing:		Pitch=-339" ,Yaw=-68" ,Roll=-20deg H.Ang=21deg	
89/06/14, 10:45	Start	10:45	10:47	Importance=C7	Qual=04	Tot Cts=1585	
GOES				Peak...c/s=105	Qual=01	FePeak=10:46	
HXRBS				CaPeak.c/s=29	Qual=4	Exp #=90555	
BCS				WaveLength=2788A	Code=00		MaxkeV=102
FCS							FePeak.c/s=10
UVSP							Rast=0"x0" Step=0" dt= 7.7s XEN=916509
Radio Sweeps							Cad=1.02s 1.024s/pixel
Radio							Step=0" Pitch=-208" ,Yaw=-126"
Event # = 11505		DOY=165		SMM Pointing:		Pitch=-339" ,Yaw=-68" ,Roll=-20deg H.Ang=21deg	
89/06/14, 12:20	Start	12:17:27	12:19:37	Ha...Class=SF	N16E01	AR5528	
Optical				Peak...c/s=171	Qual=00		Mac. =FKC Carr. Lon.=96deg H.Ang=15deg
GOES				CaPeak.c/s=112	Qual=01	Tot Cts=3462	
HXRBS				WaveLength=2788A	Qual=4	FePeak=12:20	
BCS						Exp #=90557	
FCS							MaxkeV=144
UVSP							FePeak.c/s=22 #Peaks=1 dt= 3.8s XEN=916510
Radio							Rast=240"x240" Cad=262s 1.024s/pixel
							Rast=243"x243" Step=3" Pitch=-330" ,Yaw=-57"
Event # = 11506		DOY=165		SMM Pointing:		Pitch=-339" ,Yaw=-68" ,Roll=-20deg H.Ang=21deg	
89/06/14, 12:20	Start	12:20:11	12:21:12	Ha...Class=SF	N20E03	AR5528	
Optical				Peak...c/s=54	N20E05		Mac. =FKC Carr. Lon.=92deg H.Ang=20deg
GOES				WaveLength=2788A	Qual=01	Tot Cts=417	
HXRBS					Qual=01	Exp #=90557	
UVSP							MaxkeV=102
Radio Sweeps							Rast=243"x243" Step=3" Pitch=-330" ,Yaw=-57"

Event # = 11507	DOY=165	SMM Pointing:	N22E03	Pitch=-339", Yaw=-68", Roll=-20deg	H. Ang=21deg
89/06/14, 12:44	Peak	End times	Qual=00		
GOES	12:44:05	12:44:34	Qual=01	MaxkeV=102	
HXRBS	12:44:05	12:44:34	Peak...c/s=47	Rast=243"x243"	Pitch=-330", Yaw=-57"
UVSP	12:20	Wave length=2788A	Tot Cts=245	Step=3"	
			Exp #=90557		
Event # = 11508	DOY=165	SMM Pointing:	N22E03	Pitch=-339", Yaw=-68", Roll=-20deg	H. Ang=21deg
89/06/14, 12:50	Peak	End times	Qual=00		
GOES	12:50:01	12:50:44	Qual=01	MaxkeV=187	
HXRBS	12:50:01	12:53:04	Peak...c/s=314	Rast=243"x243"	Pitch=-330", Yaw=-57"
UVSP	12:20	Wave length=2788A	Tot Cts=6517	Step=3"	
Radio	Frequency(MHz)/Flux(sfu):	8800/59	Exp #=90557		
Event # = 11509	DOY=165	SMM Pointing:	N22E03	Pitch=-339", Yaw=-68", Roll=-20deg	H. Ang=21deg
89/06/14, 12:56	Peak	End times	Qual=00		
GOES	12:56:18	12:56:32	Qual=01	MaxkeV=102	
HXRBS	12:56:18	12:57:51	Peak...c/s=73	Rast=243"x243"	Pitch=-330", Yaw=-57"
UVSP	12:20	Wave length=2788A	Tot Cts=1543	Step=3"	
			Exp #=90557		
Event # = 11512	DOY=165	SMM Pointing:	N22E03	Pitch=-332", Yaw=-80", Roll=-20deg	H. Ang=21deg
89/06/14, 13:55	Peak	End times	S16W75	Mac. = FAO	
Optical			S16W76	Carr. Lon.=171deg	H. Ang=76deg
Optical			Code=SPY	Carr. Lon.=172deg	H. Ang=77deg
GOES	13:42	13:55	Qual=01	Flags=M5, F5	
HXRBS	13:52:19	13:52:43	Peak...c/s=32070	MaxkeV=858	Dur=120sec
GRS	13:52:00	13:54:00	Qual=01	>10MeV=Y	
UVSP	13:52	Wave length=1375A	Code=00	Rast=265"x265"	Pitch=-324", Yaw=-68"
Radio	Sweeps	Type/Intensity:		Step=5"	
Radio	Frequency(MHz)/Flux(sfu):	245/1800 410/190	606/66 1415/180 2695/320	4995/610 8800/320 15400/230	
HXRBS	13:46:10	13:46:33	13:47:28	MaxkeV=144	
Radio	Frequency(MHz)/Flux(sfu):	2695/56 8800/56	Associated	Event # = 11511	
HXRBS	13:49:23	13:49:27	13:49:39	MaxkeV=144	
Radio	Frequency(MHz)/Flux(sfu):	2695/56 8800/56	Associated	Event # = 22937	
HXRBS	13:48	13:57	14:42	FePeak.c/s=22	dt= 7.7s XEN=916511
BCS	13:48	13:57	14:42	Rast=240"x240"	Cad= 262s 1,024s/pixel
FCS	13:56	Wave length=1375A	Code=00	Step=15"	Pitch=-217", Yaw=-115"
UVSP	13:56	Wave length=1375A	Qual= 4	Step=5"	
			Exp #=90560		
Event # = 12552	DOY=165	SMM Pointing:	N22E02	Pitch=-328", Yaw=-92", Roll=-20deg	H. Ang=21deg
89/06/14, 15:53	Peak	End times	N17W01	Mac. =FKC	H. Ang=16deg
Optical			AR5528	Carr. Lon.=96deg	
GOES	15:49	15:53	16:01	MaxkeV=144	Flags=I
HXRBS	15:49:11	15:49:56	15:53:22	FePeak.c/s=87	#Peaks=2 dt= 3.8s XEN=916512
BCS	15:21	15:52	15:55	Rast=240"x240"	Cad= 262s 1,024s/pixel
FCS	15:45	Wave length=1375A	Code=00	Step=15"	Pitch=-202", Yaw=-154"
UVSP	15:45	Wave length=1375A	Associated	Step=5"	
HXRBS	15:46:47	15:47:15	15:47:47	MaxkeV=102	Flags=I
			Qual=01	Tot Cts=514	
			Event # = 12551		
			Tot Cts=245		

Event # = 11516  
89/06/14, 16:44 DOY=165  
Start Peak End times  
Optical  
GOES 16:25 16:44 17:08  
HXRB 16:55:02 16:55:28 16:56:18  
UVSP 16:58  
Radio Sweeps Type/Intensity:  
Radio Frequency (MHz)/Flux(sfu): 245/830  
SMM Pointing: N22E01  
Ha...Class=SF  
Importance=M2  
Peak...c/s=91  
Wavelength=1375A  
III/3 V/3  
245/830  
Associated Event # = 11517  
Qual=01 Tot Cts=1245  
Associated Event # = 11519  
Qual=01 Tot Cts=119  
Associated Event # = 22938  
Qual=1 FePeak=17:00  
Exp # = 90574  
Pitch=-323", Yaw=-104", Roll=-20deg H.Ang=21deg  
Mac.=FKC Carr. Lon.=95deg H.Ang=20deg  
MaxkeV=102  
Rast=265"x265" Step=5" Pitch=-316", Yaw=-92"

Event # = 12553  
89/06/14, 17:21 DOY=165  
Start Peak End times  
GOES 17:21:05 17:21:12 17:21:32  
HXRB 17:21:05 17:21:12 17:21:32  
UVSP 17:00  
SMM Pointing: N22E01  
Qual=00  
Qual=01  
Peak...c/s=56  
Wavelength=1375A  
Exp # = 90574  
Flags=1  
Step=1" Pitch=-203", Yaw=-144"

Event # = 22939  
89/06/14, 18:20 DOY=165  
Start Peak End times  
Optical  
GOES 18:16 18:20 18:28  
BCS 18:26 18:26 18:45  
FCS  
UVSP 18:30  
SMM Pointing: N16W05  
Qual=05  
Qual= 5  
FePeak=18:29  
Exp # = 90575  
Mac.=FKC Carr. Lon.=99deg H.Ang=16deg  
FePeak.c/s=13 dt= 3.8s XEN=916514  
Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
Rast=265"x265" Step=5" Pitch=-311", Yaw=-104"

Event # = 22940  
89/06/14, 18:48 DOY=165  
Start Peak End times  
GOES 18:47 18:48 18:55  
BCS 18:47 18:48 18:55  
FCS  
UVSP 18:34  
SMM Pointing: N22W01  
Qual=00  
Qual= 4  
FePeak=18:47  
Exp # = 90577  
Mac.=FKC Carr. Lon.=147deg H.Ang=21deg  
FePeak.c/s=10 dt= 7.7s XEN=916515  
Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
Rast=30"x30" Step=5" Pitch=-199", Yaw=-156"

Event # = 11513  
89/06/14, 20:19 DOY=165  
Start Peak End times  
Optical  
GOES 20:19:02 20:19:17 20:19:54  
HXRB 20:19:02 20:19:17 20:19:54  
UVSP 20:06  
Radio Sweeps Type/Intensity:  
Radio Frequency (MHz)/Flux(sfu): 8800/60 15400/110  
SMM Pointing: N22W01  
Qual=00  
Qual=01  
Peak...c/s=269  
Wavelength=1375A  
III/3  
8800/60 15400/110  
Associated Event # = 11517  
Qual=01 Tot Cts=1245  
Associated Event # = 11519  
Qual=01 Tot Cts=119  
Associated Event # = 22938  
Qual=1 FePeak=17:00  
Exp # = 90574  
Pitch=-314", Yaw=-128", Roll=-20deg H.Ang=21deg  
Mac.=CAO Carr. Lon.=147deg H.Ang=58deg  
MaxkeV=231  
Rast=10"x10" Step=0" Pitch=-210", Yaw=-158"



Event # = 11521  
 89/06/14, 21:39 Start DOY=165 Peak  
 SMM Pointing: N22W02  
 Ha...Class=SF S15W77 AR5521  
 Importance=C7 Qual=04  
 Peak...c/s=256 Tot Cts=3032  
 CaPeak.c/s=44 Qual=1 FePeak=21:39  
 Wavelength=1375A Code=02 Exp #=90592  
 Associated Event # = 11522  
 Peak...c/s=46 Qual=01 Tot Cts=90  
 Pitch=-310", Yaw=-140", Roll=-20deg H. Ang=21deg  
 Carr. Lon.=169deg H. Ang=78deg  
 MaxkeV=187 dt= 7.7s XEN=916516  
 FePeak.c/s=12 Step=0" Cad=1.02s 1.024s/pixel  
 Rast=0"x0" Step=10" Pitch=-245", Yaw=-185"  
 MaxkeV=102

Event # = 11524  
 89/06/14, 23:17 Start DOY=165 Peak  
 SMM Pointing: N22W02  
 Ha...Class=SF S21E25 AR5533  
 Importance=C8 Qual=01  
 Peak...c/s=124 Tot Cts=7511  
 CaPeak.c/s=23 Qual=1 FePeak=23:18  
 Wavelength=1375A Code=00 Exp #=90601  
 Type/Intensity: v/2 Associated Event # = 11523  
 Peak...c/s=55 Qual=01 Tot Cts=166  
 Wavelength=1375A Exp #=90600  
 Pitch=-307", Yaw=-151", Roll=-20deg H. Ang=21deg  
 Mac.=FKO Carr. Lon.=66deg H. Ang=33deg  
 MaxkeV=102 dt= 7.7s XEN=916517  
 FePeak.c/s=8 Step=0" Cad=1.02s 1.024s/pixel  
 Rast=0"x0" Step=5" Pitch=-211", Yaw=-167"  
 MaxkeV=102 Step=5" Pitch=-298", Yaw=-140"  
 Rast=265"x265"

Event # = 11525  
 89/06/14, 23:37 Start DOY=165 Peak  
 SMM Pointing: N22W02  
 Ha...Class=SF N13W63 AR5526  
 Qual=00  
 Peak...c/s=114 Tot Cts=1260  
 CaPeak.c/s=21 Qual=4 FePeak=23:37  
 Wavelength=1375A Exp #=90601  
 Frequency(MHz)/Flux(sfu): 410/120  
 Pitch=-307", Yaw=-151", Roll=-20deg H. Ang=21deg  
 Mac.=BXO Carr. Lon.=154deg H. Ang=63deg  
 MaxkeV=144 dt= 7.7s XEN=916518  
 FePeak.c/s=6 Step=0" Cad=1.02s 1.024s/pixel  
 Rast=0"x0" Step=5" Pitch=-211", Yaw=-167"  
 Rast=70"x70"

89/06/15 DOY=166  
 Event # = 12554  
 89/06/15, 02:34 Start DOY=166 Peak  
 SMM Pointing: N22W04  
 Ha...Class=SF N13W59 AR5526  
 Qual=00  
 Peak...c/s=56 Tot Cts=582  
 CaPeak.c/s=31 Qual=4 Exp #=90604  
 Wavelength=2788A  
 Pitch=-297", Yaw=-176", Roll=-20deg H. Ang=21deg  
 Mac.=BXO Carr. Lon.=148deg H. Ang=60deg  
 MaxkeV=102 Flags=1  
 Rast=180"x1" Step=0" Pitch=-160", Yaw=-253"

Event # = 22942  
 89/06/15, 02:37 Start DOY=166 Peak  
 SMM Pointing: N13W59 AR5526  
 Ha...Class=SF Qual=00  
 CaPeak.c/s=31 FePeak=02:37  
 Wavelength=2788A Qual=4 Exp #=90604  
 Carr. Lon.=148deg H. Ang=60deg  
 #Peaks=1 dt= 7.7s XEN=916600  
 Step=0" Cad=1.02s 1.024s/pixel  
 Step=0" Pitch=-160", Yaw=-253"

Event # = 22943		DOY=166																			
89/06/15, 03:01		Peak		End times																	
GOES	03:01	03:01	03:04	CaPeak.c/s=19	Qual=00	Qual=3	FePeak=03:01	Exp #=90604	Wavelength=2788A	FePeak.c/s=7	Rast=0"x0"	Rast=180"x1"	#Peaks=1	dt= 7.7s	XEN=916601						
BGS													Step=0"	Cad=1.02s	1.024s/pixel						
FCS													Step=0"	Pitch=-160"	Yaw=-253"						
UVSP	02:57																				
Event # = 22944		DOY=166																			
89/06/15, 03:43		Peak		End times																	
GOES	03:42	03:43	04:05	CaPeak.c/s=35	Qual=00	Qual=4	FePeak=03:43	Exp #=90605	Wavelength=2788A	FePeak.c/s=8	Rast=0"x0"	Rast=180"x1"	#Peaks=1	dt= 7.7s	XEN=916602						
BGS													Step=0"	Cad=1.02s	1.024s/pixel						
FCS													Step=0"	Pitch=-158"	Yaw=-257"						
UVSP	03:34																				
Event # = 12555		DOY=166																			
89/06/15, 07:42		Peak		End times																	
GOES	07:36	07:42	07:47	Importance=C6	Qual=02	Qual=01	Tot Cts=1810		SMM Pointing: N22W07	MaxkeV=102	Flags=I										
HXRBS	07:36:53	07:37:10	07:38:44	Peak...c/s=86	Qual=01	Qual=2	FePeak=07:38			FePeak.c/s=19	#Peaks=1										
BGS	07:38	07:38	07:39	CaPeak.c/s=45	Qual=01	Qual=2				Rast=0"x0"	Step=0"										
FCS										Rast=180"x1"	Step=0"										
UVSP	07:35			Wavelength=2788A	Code=00	Exp #=90610				MaxkeV=102	Flags=I										
HXRBS	07:39:42	07:39:51	07:40:08	Peak...c/s=61	Qual=01	Qual=1	Tot Cts=179														
Event # = 12557		DOY=166																			
89/06/15, 09:17		Peak		End times																	
GOES	09:12	09:17	09:23	Importance=C5	Qual=02	Qual=01	Tot Cts=245		SMM Pointing: N22W08	MaxkeV=102	Flags=I										
HXRBS	09:13:18	09:13:40	09:14:01	Peak...c/s=53	Qual=01	Qual=6	FePeak=09:13			FePeak.c/s=10	#Peaks=1										
BGS	09:13	09:13	09:15	CaPeak.c/s=21	Qual=01	Qual=6				Rast=0"x0"	Step=0"										
FCS										Rast=180"x1"	Step=0"										
UVSP	09:43			Wavelength=2788A	Code=00	Exp #=90613															
Event # = 22945		DOY=166																			
89/06/15, 09:53		Peak		End times																	
GOES	09:53	09:53	09:57	CaPeak.c/s=30	Qual=00	Qual=5	FePeak=09:54			FePeak.c/s=11	#Peaks=1										
BGS										Rast=0"x0"	Step=0"										
FCS										Rast=180"x1"	Step=0"										
UVSP	09:43			Wavelength=2788A	Code=01	Exp #=90613															
Event # = 11526		DOY=166																			
89/06/15, 10:06		Peak		End times																	
Optical									SMM Pointing: N22W08	Pitch=-277"	Yaw=-232"	Roll=-20deg	H.Ang=22deg								
GOES	09:59	10:06	10:35	Ha...Class=SF	S17W81	Qual=01	ARS521			Mac.=EAO	Carr.Lon.=166deg	H.Ang=82deg									
HXRBS	10:00:58	10:03:45	10:22:10	Importance=M4	Qual=01	Qual=01	Tot Cts=2.91E+5			MaxkeV=368	Flags=I										
GRS	10:02:00	10:03:45	10:05:00	Peak...c/s=2522	Qual=01	Qual=01															
BGS	10:09	10:09	10:12	CaPeak.c/s=18	Qual=4	Qual=4	FePeak=10:09			FePeak.c/s=6	#Peaks=1										
FCS										Rast=0"x0"	Step=0"										
UVSP	09:43			Wavelength=2788A	Code=01	Exp #=90613															
Radio				Type/Intensity: V/3																	
Sweeps				Frequency (MHz)/Flux(sfu):	245/630	410/350	1415/42	2695/190	4995/320	8800/300	15400/310										

Event # = 22947	DOY=166	Start	End times	Qual=00	FePeak=10.44	#Peaks=2	dt= 7.7s	XEN=916607
89/06/15, 10:45	Peak	10:47	10:45	Qual= 2	Exp #=90615	Step=0"	Cad=1.02s	1.024s/pixel
GOES						Step=0"	Pitch=-135"	Yaw=-316"
BCS								
FCS								
UVSP								
Event # = 12558	DOY=166	Start	End times	N22W09				H. Ang=23deg
89/06/15, 11:39	Peak	11:39	11:39	N23E02	AR5536			
Optical				Ha...Class=2N				
GOES				Importance=M2				
HXRBS				Peak...c/s=94				
BCS				CaPeak.c/s=396				
FCS				Wave length=2788A				
UVSP				Code=01				
				Associated				
HXRBS				Qual=01				
HXRBS				Associated				
UVSP				Qual=01				
				Wave length=2788A				
Event # = 22948	DOY=166	Start	End times	N20W00				H. Ang=19deg
89/06/15, 13:03	Peak	13:03	13:03	N20W00	AR5536			
Optical				Ha...Class=SF				
GOES				CaPeak.c/s=27				
BCS				Wave length=2788A				
FCS								
UVSP								
Event # = 12562	DOY=166	Start	End times	N22W10				H. Ang=23deg
89/06/15, 13:45	Peak	13:45	13:45	S17W57	AR5524			
Optical				Ha...Class=SF				
GOES				Qual=03				
HXRBS				Qual=01				
BCS				Qual= 1				
FCS								
UVSP								
				Wave length=2788A				
HXRBS				Associated				
				Qual=01				
Event # = 12563	DOY=166	Start	End times	N01W00				H. Ang=0deg
89/06/15, 14:23	Peak	14:23	14:23	N15W22	AR5528			
Optical				Ha...Class=2N				
GOES				Importance=M1				
HXRBS				Peak...c/s=73				
UVSP				Wave length=1375A				

Table with columns: Event #, Start, End times, Peak, Doy, SMM Pointing, Peak...c/s, Wavelength, Tot Cts, Exp #, MaxkeV, Rast, Pitch, Roll, H. Ang, Yaw, and other technical parameters. The table is divided into four main sections by event numbers: 12564, 11527, 11534, and 12565.

Event # = 12566	D0Y=166	SMM Pointing:	N20W15	Pitch=-207", Yaw=-325", Roll=-20deg	H.Ang=24deg
89/06/15, 22:22	Peak	Ha...Class=SN	N16W17	Mac.=FKC	H.Ang=22deg
Optical	End times	Importance=M1	Qual=01	Carr. Lon.=95deg	
GOES 22:16	22:22	Peak...c/s=159	Qual=01	MaxkeyV=102	Flags=I
HXRBS 22:17:45	22:18:53	CaPeak.c/s=532	Qual= 1	dt= 3.8s	XEN=916614
BGS 22:14	22:20	Wave length=1375A	Code=00	Step=15"	Cad= 262s
UVSP 22:21	22:21		Exp #=90647	Rast=240"x240"	1.024s/pixel
				Pitch=13"x13"	Yaw=-337"
89/06/16 DOY=167					
Event # = 11528	D0Y=167	SMM Pointing:	N20W17	Pitch=-197", Yaw=-350", Roll=-20deg	H.Ang=25deg
89/06/16, 01:38	Peak	Qual=00	Qual=01	MaxkeyV=102	
GOES 01:37:59	01:38:10	Peak...c/s=45	Qual=01	Rast=30"x30"	Step=5"
HXRBS 01:26	01:38:29	Wave length=1375A	Tot Cts=137		Pitch=-148", Yaw=-395"
UVSP 01:26	01:38:29		Exp #=90657		
89/06/16 DOY=167					
Event # = 22951	D0Y=167	SMM Pointing:	N20W19	Pitch=-189", Yaw=-374", Roll=-20deg	H.Ang=26deg
89/06/16, 02:04	Peak	Qual=00	Qual= 4	Mac.=FKO	H.Ang=18deg
GOES 01:45	02:04	CaPeak.c/s=22	Qual= 4	Carr. Lon.=71deg	
BGS 01:45	02:04	Wave length=1375A	FePeak=02:03	Flags=M5	
UVSP 02:00	02:08		Exp #=90661	Step=0"	Pitch=-52", Yaw=-195"
89/06/16 DOY=167					
Event # = 22952	D0Y=167	SMM Pointing:	N20W19	Pitch=-189", Yaw=-374", Roll=-20deg	H.Ang=26deg
89/06/16, 02:53	Peak	Qual=00	Qual= 5	Mac.=FKO	H.Ang=18deg
GOES 02:52	02:53	CaPeak.c/s=36	Qual= 5	Carr. Lon.=71deg	
BGS 02:52	02:53	Wave length=1375A	FePeak=02:53	Flags=M5	
UVSP 02:56	02:56		Exp #=90662	Step=0"	Pitch=-52", Yaw=-195"
89/06/16 DOY=167					
Event # = 11530	D0Y=167	SMM Pointing:	N20W19	Pitch=-189", Yaw=-374", Roll=-20deg	H.Ang=26deg
89/06/16, 04:54	Peak	Qual=00	Qual=01	Mac.=FKO	H.Ang=18deg
Optical	End times	Importance=M3	Qual=01	Carr. Lon.=71deg	
GOES 04:15	04:54	Peak...c/s=279	Qual=01	Flags=M5	
HXRBS 04:48:38	04:49:42	Wave length=2788A	Tot Cts=27279	Step=0"	Pitch=-52", Yaw=-195"
BGS 05:13	04:54:33	Type/Intensity: III/3	Exp #=90672		
UVSP 05:13	04:54:33	Frequency(MHz)/Flux(sfu): 245/250 410/150 606/30 2695/78 8800/42 15400/42			
Radio Sweeps		Associated Event # = 11529			
HXRBS 04:27:16	04:27:36	Qual=01	Tot Cts=2941		
UVSP 04:16	04:27:36	Wave length=2788A	Exp #=90671		
HXRBS 04:34:10	04:34:58	Associated Event # = 11532	Tot Cts=199		
UVSP 04:16	04:34:58	Qual=01	Exp #=90671		
HXRBS 04:34:10	04:34:58	Peak...c/s=47	Tot Cts=199		
UVSP 04:16	04:34:58	Wave length=2788A	Exp #=90671		

Event # = 11531		DOY=167		SMM Pointing:		N20W19		Pitch=-189", Yaw=-374", Roll=-20deg		H. Ang=26deg		
89/06/16,05:25	Start	05:25	End times	Ha...Class=2N	S16E04	AR5533	AR5533	Mac.=FKO	Carr. Lon.=71deg	H. Ang=18deg		
GOES	05:17	07:37	07:37	Importance=M7	Qual=03							
HXRBS	05:12:36	05:18:07	05:18:32	Peak...c/s=135	Qual=03			MaxkeV=102	Flags=EN			
UVSP	05:13			Wave length=2788A	Code=00			Rast=180"x1"	Step=0"	Pitch=-52", Yaw=-195"		
Radio				Frequency(MHz)/Flux(sfu):	15400/140							
Event # = 11533		DOY=167		SMM Pointing:		N20W20		Pitch=-183", Yaw=-391", Roll=-20deg		H. Ang=27deg		
89/06/16,07:42	Start	07:42	End times	Ha...Class=IN	S17E03	AR5533	AR5533	Mac.=FKO	Carr. Lon.=70deg	H. Ang=18deg		
GOES	07:39	09:34	09:34	Importance=X3	Qual=03							
HXRBS	07:37:43	07:40:39	07:44:41	Peak...c/s=18920	Qual=04			MaxkeV=576	Flags=M5, SN, EG			
GRS	07:38:00		07:41:00									
UVSP	07:21			Wave length=2788A	Code=01			Rast=180"x1"	Step=0"	Pitch=-47", Yaw=-211"	Dur=180sec	
Radio Sweeps				Type/Intensity:	II/3							
Radio				Frequency(MHz)/Flux(sfu):	245/200	410/330	606/4400	1415/120	2695/240	4995/300	8800/570	15400/1100
Event # = 11536		DOY=167		SMM Pointing:		N20W21		Pitch=-179", Yaw=-401", Roll=-20deg		H. Ang=28deg		
89/06/16,09:15	Start	09:15	End times	Peak...c/s=123	Qual=00			MaxkeV=102	Flags=EG			
GOES	09:14:15	09:15:08	09:17:13	Wave length=2788A	Qual=03			Rast=180"x1"	Step=0"	Pitch=-42", Yaw=-223"		
HXRBS	08:55											
UVSP	08:55											
Event # = 22953		DOY=167		SMM Pointing:		N20W21		Pitch=-175", Yaw=-411", Roll=-20deg		H. Ang=28deg		
89/06/16,09:38	Start	09:38	End times	CaPeak.c/s=108	Qual=00			FePeak.c/s=22	#Peaks=1	dt= 3.8s	XEN=916702	
GOES	09:37	09:57	09:57		Qual= 1			Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
BCS	09:37							Rast=180"x1"	Step=0"	Pitch=-42", Yaw=-223"		
FCS	08:55											
UVSP	08:55											
Event # = 11537		DOY=167		SMM Pointing:		N20W21		Pitch=-175", Yaw=-411", Roll=-20deg		H. Ang=28deg		
89/06/16,10:34	Start	10:34	End times	Ha...Class=SF	N14W23	AR5528	AR5528	Mac.=FKC	Carr. Lon.=95deg	H. Ang=26deg		
Optical					Qual=00							
GOES	10:33:46	10:34:01	10:34:36	Peak...c/s=54	Qual=01			MaxkeV=102				
HXRBS	10:33:46	10:34:01	10:34:36									
Event # = 22954		DOY=167		SMM Pointing:		N20W21		Pitch=-164", Yaw=-443", Roll=-20deg		H. Ang=30deg		
89/06/16,12:06	Start	12:06	End times	Ha...Class=SF	S19W70	AR5524	AR5524	Mac.=CAO	Carr. Lon.=141deg	H. Ang=72deg		
Optical					Qual=05							
GOES	12:02	12:22	12:22	Importance=M1	Qual= 5			FePeak.c/s=14	#Peaks=1	dt= 7.7s	XEN=916703	
BCS	12:07	13:02	13:02	CaPeak.c/s=82				Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
FCS	12:07							Rast=180"x1"	Step=0"	Pitch=-32", Yaw=-252"		
UVSP	12:54			Wave length=2788A								
Event # = 11538		DOY=167		SMM Pointing:		N20W24		Pitch=-164", Yaw=-443", Roll=-20deg		H. Ang=30deg		
89/06/16,14:08	Start	14:08	End times	Peak...c/s=61	Qual=00			MaxkeV=102				
GOES	14:08:15	14:08:24	14:08:35		Qual=01							
HXRBS	14:08:15	14:08:24	14:08:35									

Event # = 11539							
89/06/16, 15:27	Start	DOY=167	Peak	SMM Pointing:			Pitch=-371", Yaw=+305", Roll=90deg
Optical				N20W25			H. Ang=31deg
GOES	15:02	15:27	15:52	N17W11	AR5536		H. Ang=19deg
HXRBS	15:16:17	15:22:18	15:27:29	Qual=04			
BCS	15:11	15:27	15:43	Qual=01	Tot Cts=2441		
FCS				Qual=2	FePeak=15:26		
							dt= 7.7s
							XEN=916709
							1.024s/pixel
Event # = 11541							
89/06/16, 16:46	Start	DOY=167	Peak	SMM Pointing:			Pitch=-156", Yaw=-457", Roll=-20deg
Optical				N20W25			H. Ang=31deg
Optical				N13W05	AR5534		H. Ang=13deg
GOES				N20E58	AR5545		H. Ang=60deg
HXRBS	16:43:52	16:44:54	16:45:21	Qual=00			
BCS	16:45	16:46	17:09	Qual=02	Tot Cts=528		
FCS				Qual=5	FePeak=16:45		
UVSP	16:48				Exp #=90679		
							Flags=SN
							#Peaks=1
							dt= 7.7s
							XEN=916705
							1.024s/pixel
							Pitch=-149", Yaw=-452"
Event # = 11542							
89/06/16, 17:00	Start	DOY=167	Peak	SMM Pointing:			Pitch=-156", Yaw=-457", Roll=-20deg
Optical				N20W25			H. Ang=31deg
Optical				S23E67	AR5542		H. Ang=69deg
GOES	16:55	17:00	17:30	S18W08	AR5533		H. Ang=21deg
HXRBS	16:55:48	16:57:15	17:05:20	Qual=01			
UVSP	16:52			Qual=11	Tot Cts=45070		
					Exp #=90681		
							Flags=M5, DG
							Step=5"
							Pitch=-232", Yaw=-464"
Event # = 22955							
89/06/16, 18:34	Start	DOY=167	Peak	SMM Pointing:			
Optical				N17W28	AR5528		H. Ang=32deg
GOES				Qual=00			
BCS	18:34	18:34	18:37	Qual=4	FePeak=18:34		
FCS					Exp #=90688		
UVSP	18:24						
							Mac.=FKC
							Carr. Lon.=95deg
							H. Ang=32deg
							#Peaks=1
							dt= 7.7s
							XEN=916706
							1.024s/pixel
							Pitch=-108", Yaw=-515"
Event # = 22956							
89/06/16, 18:42	Start	DOY=167	Peak	SMM Pointing:			
GOES				Qual=00			
BCS	18:42	18:42	18:44	Qual=4	FePeak=18:42		
FCS					Exp #=90690		
UVSP	18:41						
							Mac.=FKO
							Carr. Lon.=68deg
							H. Ang=22deg
							#Peaks=1
							dt= 7.7s
							XEN=916707
							1.024s/pixel
							Pitch=-102", Yaw=-517"
Event # = 11540							
89/06/16, 20:16	Start	DOY=167	Peak	SMM Pointing:			Pitch=-149", Yaw=-487", Roll=-20deg
Optical				N20W27			H. Ang=33deg
GOES				S21W02	AR5533		H. Ang=22deg
HXRBS	20:16:04	20:16:09	20:17:02	Qual=00			
UVSP	20:15			Qual=01	Tot Cts=266		
					Exp #=90697		
							Mac.=FKO
							Carr. Lon.=68deg
							H. Ang=22deg
							#Peaks=1
							dt= 7.7s
							XEN=916707
							1.024s/pixel
							Pitch=-102", Yaw=-517"

Event # = 11543  
 89/06/16, 21:48 DOY=167 Peak  
 SMM Pointing: N20W28 Pitch=-145", Yaw=-497", Roll=-20deg H.Ang=33deg

GOES 21:47:55 21:48:16 21:48:23 Qual=00  
 HXRBS 21:47:55 21:48:16 21:48:23 Qual=01  
 UVSP 21:47:55 21:48:16 21:48:23 Qual=01  
 Tot Cts=290  
 Exp #=90704  
 MaxkeV=102  
 Rast=30"x30" Step=5" Pitch=-89", Yaw=-549"

Event # = 11544  
 89/06/16, 21:54 DOY=167 Peak  
 SMM Pointing: N20W28 Pitch=-145", Yaw=-497", Roll=-20deg H.Ang=33deg

Optical  
 GOES 21:48 21:54 22:28 S21W07 AR5533  
 HXRBS 21:49:48 21:50:10 21:55:24 Carr. Lon.=72deg H.Ang=23deg  
 BCS 21:41 21:49 22:07 FePeak.c/s=7  
 FCS 21:59 21:59 22:07 dt= 7.7s XEN=916708  
 UVSP 21:47 21:59 22:07 FePeak.c/s=1 #Peaks=1  
 dt= 7.7s XEN=916708  
 Rast=0"x0" Step=0"  
 Rast=30"x30" Step=5" Pitch=-89", Yaw=-549"

Event # = 11545  
 89/06/16, 22:59 DOY=167 Peak  
 SMM Pointing: N20W29 Pitch=-141", Yaw=-508", Roll=-20deg H.Ang=34deg

GOES 22:55 22:59 23:04 Qual=04  
 HXRBS 22:54:13 22:55:55 22:58:07 Importance=C8 Qual=02  
 UVSP 22:59 22:59 23:04 Peak...c/s=61  
 Wave length=1375A Code=02  
 MaxkeV=102  
 Rast=265"x265" Step=5" Pitch=-133", Yaw=-496"

Event # = 11546  
 89/06/16, 23:21 DOY=167 Peak  
 SMM Pointing: N20W29 Pitch=-141", Yaw=-508", Roll=-20deg H.Ang=34deg

GOES 23:17 23:21 23:32 Qual=01  
 HXRBS 23:18:27 23:18:45 23:19:17 Importance=C7 Qual=01  
 UVSP 23:19 23:19 23:32 Peak...c/s=53  
 Wave length=1375A Code=00  
 MaxkeV=144  
 Rast=30"x30" Step=5" Pitch=-250", Yaw=-435"

Event # = 11547  
 89/06/17, 00:35 DOY=168 Peak  
 SMM Pointing: N20W30 Pitch=-137", Yaw=-519", Roll=-20deg H.Ang=35deg

Optical  
 GOES 00:32 00:35 00:38 S17W08 AR5533  
 HXRBS 00:34:01 00:34:08 00:34:24 Carr. Lon.=72deg H.Ang=20deg  
 UVSP 00:33 00:33 00:38 FePeak.c/s=360  
 Exp #=90714  
 MaxkeV=187  
 Rast=265"x265" Step=5" Pitch=-130", Yaw=-506"

Event # = 11548  
 89/06/17, 01:02 DOY=168 Peak  
 SMM Pointing: N20W30 Pitch=-137", Yaw=-519", Roll=-20deg H.Ang=35deg

Optical  
 GOES 00:57 01:02 01:11 S18W08 AR5533  
 HXRBS 00:59:34 00:59:56 01:01:01 Carr. Lon.=72deg H.Ang=21deg  
 UVSP 00:48 00:48 01:11 FePeak.c/s=615  
 Exp #=90718  
 MaxkeV=144  
 Rast=10"x10" Step=0" Pitch=-92", Yaw=-560"

Event # = 22957  
 89/06/17, 03:37 DOY=168 Peak  
 SMM Pointing: N20W30 Pitch=-137", Yaw=-519", Roll=-20deg H.Ang=35deg

GOES 03:33 03:37 03:59 Qual=00  
 BCS 03:33 03:37 03:59 Qual=5  
 FCS 03:33 03:37 03:59 FePeak.c/s=33  
 UVSP 03:24 03:24 03:59 Exp #=90732  
 Wave length=2788A  
 CaPeak.c/s=23  
 FePeak.c/s=6  
 Rast=0"x0" Step=0"  
 Rast=180"x1" Step=0" Pitch=+5", Yaw=-354"



Event # = 22958	89/06/17, 04:30	DOY=168	Peak	End times	Ha...Class=IF	S20W11	AR5533	Mac. =FHI	Carr. Lon. =73deg	H. Ang =24deg
Optical	04:13	04:30	04:28	05:05	Importance=C9	Qual=03	FePeak=04:25	FePeak.c/s=8	#Peaks=1	dt= 7.7s
GOES	04:24	04:28	04:29	04:29	CaPeak.c/s=21	Qual= 2	Exp #=90733	Rast=0"x0"	Step=0"	XEN=916801
BGS	04:24	04:28	04:29	04:29	WaveLength=2788A	Code=00		Rast=180"x1"	Step=0"	1.024s/pixel
FCS	04:24	04:28	04:29	04:29						Pitch=+7", Yaw=-361"
UVSP	04:21									
Event # = 11549	89/06/17, 05:13	DOY=168	Peak	End times	SMM Pointing:	N20W32			Pitch=-125", Yaw=-551", Roll=-20deg	H. Ang=37deg
Optical	05:13	05:13	05:13	05:13		Qual=00	Tot Cts=170	MaxkeV=102	Flags=ND	
GOES	05:13	05:13	05:13	05:13	Peak...c/s=47	Qual=01	Exp #=90734	Rast=180"x1"	Step=0"	Pitch=+9", Yaw=-365"
HXRBS	05:13	05:13	05:13	05:13	WaveLength=2788A					
BGS	05:13	05:13	05:13	05:13	Frequency(MHz)/Flux(sfu):	15400/61				
FCS	05:13	05:13	05:13	05:13						
UVSP	05:13	05:13	05:13	05:13						
Event # = 22959	89/06/17, 05:37	DOY=168	Peak	End times	Ha...Class=SF	N17W37	AR5528	Mac. =FKC	Carr. Lon. =97deg	H. Ang=40deg
Optical	08:11	08:18	08:18	08:32	Importance=M1	Qual=00	FePeak=08:17	FePeak.c/s=19	#Peaks=1	dt= 3.8s
GOES	08:11	08:18	08:18	08:32	CaPeak.c/s=73	Qual= 1	Exp #=90738	Rast=240"x240"	Step=15"	XEN=916803
BGS	08:11	08:18	08:18	08:32	WaveLength=2788A			Rast=180"x1"	Step=0"	1.024s/pixel
FCS	08:11	08:18	08:18	08:32						Pitch=+16", Yaw=-385"
UVSP	08:03									
Event # = 11550	89/06/17, 09:04	DOY=168	Peak	End times	SMM Pointing:	N20W34	AR5545		Pitch=-118", Yaw=-572", Roll=-20deg	H. Ang=38deg
Optical	09:03	09:04	09:04	09:06		Qual=03	Tot Cts=191	MaxkeV=102	Carr. Lon. =129deg	H. Ang=70deg
GOES	09:03	09:04	09:04	09:06	Ha...Class=SF	N10W70	Exp #=90739	FePeak.c/s=18	#Peaks=1	dt= 7.7s
HXRBS	09:03	09:04	09:04	09:06	Peak...c/s=54	Qual=01		Rast=240"x240"	Step=15"	XEN=916804
BGS	09:03	09:04	09:04	09:06	CaPeak.c/s=43	Qual= 1		Rast=180"x1"	Step=0"	1.024s/pixel
FCS	09:03	09:04	09:04	09:06	WaveLength=2788A					Pitch=+18", Yaw=-391"
UVSP	09:00									
Event # = 11551	89/06/17, 09:44	DOY=168	Peak	End times	SMM Pointing:	N20W35	AR5533		Pitch=-115", Yaw=-582", Roll=-20deg	H. Ang=39deg
Optical	09:39	09:44	09:44	09:48		S19W17	Tot Cts=2528	MaxkeV=231	Carr. Lon. =76deg	H. Ang=26deg
GOES	09:39	09:44	09:44	09:48	Ha...Class=SN	Qual=04	Exp #=90740	Rast=180"x1"	Step=0"	Pitch=+19", Yaw=-395"
HXRBS	09:39	09:44	09:44	09:48	Importance=M1	Qual=02				
BGS	09:39	09:44	09:44	09:48	Peak...c/s=93	Code=00				
FCS	09:39	09:44	09:44	09:48	WaveLength=2788A					
UVSP	09:35									

Event # = 11552	DOY=168		SMM Pointing:	N20W35		Pitch=-115", Yaw=-582", Roll=-20deg	H. Ang=39deg
89/06/17, 10:20	Peak						
Start	End times						
GOES 10:14	10:39		Importance=M2	Qual=01			
HXRBS 10:13:57	10:17:13	10:21:44	Peak...c/s=427	Qual=01	Tot Cts=36723		
BCS 10:34	10:34	10:35	CaPeak.c/s=19	Qual= 4	FePeak=10:34		
FCS							
UVSP 10:32			WaveLength=2788A		Exp #=90741		
Radio Sweeps	Type/Intensity:		III/I				
Event # = 11553	DOY=168		SMM Pointing:	N20W36		Pitch=-111", Yaw=-592", Roll=-20deg	H. Ang=40deg
89/06/17, 11:43	Peak						
Start	End times						
Optical			Ha...Class=SN	N15W40	AR5528	Mac.=FKC	Carr. Lon.=98deg
GOES 11:40:40	11:41:12	11:41:55	Peak...c/s=49	Qual=00			
HXRBS 11:41	11:43	11:47	CaPeak.c/s=39	Qual=01	Tot Cts=318	MaxkeV=102	#Peaks=2 dt= 3.8s XEN=916806
FCS				Qual= 1	FePeak=11:43	FePeak.c/s=12	dt= 3.8s XEN=916806
UVSP 11:25			WaveLength=2788A		Exp #=90743	Rast=240"x240"	Cad= 262s 1.024s/pixel
						Rast=243"x243"	Pitch=-104", Yaw=-579"
Event # = 11554	DOY=168		SMM Pointing:	N20W36		Pitch=-111", Yaw=-592", Roll=-20deg	H. Ang=40deg
89/06/17, 11:50	Peak						
Start	End times						
Optical			Ha...Class=SN	S15W07	AR5533	Mac.=FHI	Carr. Lon.=65deg
GOES 11:49:27	11:50:21	11:50:53	Peak...c/s=107	Qual=00			
HXRBS 11:25			WaveLength=2788A	Qual=01	Tot Cts=1824	MaxkeV=102	#Peaks=2 dt= 3.8s XEN=916806
UVSP					Exp #=90743	Rast=243"x243"	Cad= 262s 1.024s/pixel
Radio	Frequency(MHz)/Flux(sfu):		2695/57			Rast=243"x243"	Pitch=-104", Yaw=-579"
Event # = 11555	DOY=168		SMM Pointing:	N21W38		Pitch=-115", Yaw=-619", Roll=-20deg	H. Ang=42deg
89/06/17, 16:17	Peak						
Start	End times						
Optical			Ha...Class=2B	N16W40	AR5528	Mac.=FKC	Carr. Lon.=95deg
GOES 15:53	16:17	17:49	Importance=M8	Qual=03			
HXRBS 15:52:51	16:02:40	16:24:48	Peak...c/s=655	Qual=03	Tot Cts=3.29E+5	MaxkeV=275	Flags=M5, ES
BCS 15:54	16:11	16:24	CaPeak.c/s=4030	Qual= 1	FePeak=16:06	FePeak.c/s=1819	dt= 7.7s XEN=916807
FCS						Rast=180"x180"	Cad= 332s 1.024s/pixel
UVSP 16:01			WaveLength=1375A	Code=00	Exp #=90760	Rast=13"x13"	Step=1" Pitch=-20", Yaw=-614"
				Associated	Event # = 22961		
BCS 17:27	17:28	18:00	CaPeak.c/s=381	Qual= 5	FePeak=17:28	FePeak.c/s=26	#Peaks=1 dt= 3.8s XEN=916808
FCS						Rast=240"x240"	Cad= 262s 1.024s/pixel
UVSP 17:31			WaveLength=1375A		Exp #=90761	Rast=265"x265"	Pitch=-104", Yaw=-616"
Event # = 22962	DOY=168						
89/06/17, 19:04	Peak						
Start	End times						
GOES 19:00	19:04	19:20	CaPeak.c/s=34	Qual= 1	FePeak=19:04	FePeak.c/s=7	#Peaks=1 dt= 7.7s XEN=916809
BCS						Rast="0"x0"	Step=0" Cad=1.02s 1.024s/pixel
FCS						Rast=265"x265"	Pitch=-101", Yaw=-626"
UVSP 19:03			WaveLength=1375A		Exp #=90768		



Event # = 22967  
89/06/18,08:02 DOY=169  
Start Peak  
Optical  
GOES 07:22 08:02 08:16 End times  
Ha...Class=SF S17W30  
Qual=00  
FCS UVSP 08:09 : Wavelength=2788A FePeak=08:01  
Rast=180"x1" Exp #=90810  
Carr. Lon.=77deg H. Ang=35deg  
#Peaks=2 dt= 7.7s XEN=916904  
Step=0" Cad=1.02s 1.024s/pixel  
Step=0" Pitch=+52", Yaw=-529"

Mac.=FHI  
FePeak.c/s=11  
Rast=0"x0"  
Rast=180"x1"

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Event # = 22968  
89/06/18,09:06 DOY=169  
Start Peak  
Optical  
GOES 08:53 09:06 09:14 End times  
Code=BSL N03W90  
Qual=00  
FCS UVSP 08:44 : Wavelength=2788A FePeak=08:56  
Rast=180"x1" Exp #=90811  
Associated Event # = 22969  
BCS 09:37 09:38 09:41 : CaPeak.c/s=20 Qual= 4 FePeak=09:38  
FCS UVSP 09:41 : Wavelength=2788A Exp #=90812

FePeak.c/s=11  
Rast=0"x0"  
Rast=180"x1"

dt= 7.7s XEN=916905  
Cad=1.02s 1.024s/pixel  
Pitch=+53", Yaw=-533"

H. Ang=90deg  
Carr. Lon.=136deg  
#Peaks=1 dt= 7.7s XEN=916907  
Step=0" Cad=1.02s 1.024s/pixel  
Step=0" Pitch=+56", Yaw=-541"

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Event # = 22970  
89/06/18,10:32 DOY=169  
Start Peak  
GOES 10:31 10:32 10:35 End times  
CaPeak.c/s=19 FePeak=10:31  
Qual=00  
FCS UVSP 10:18 : Wavelength=2788A Exp #=90813

FePeak.c/s=12  
Rast=0"x0"  
Rast=180"x1"

dt= 7.7s XEN=916908  
Cad=1.02s 1.024s/pixel  
Pitch=+55", Yaw=-538"

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Event # = 11558  
89/06/18,12:24 DOY=169  
Start Peak  
Optical  
GOES 12:17:56 12:20:29 12:20:41 End times  
SMM Pointing: N21W48  
HXRBS 11:59 12:24 12:54  
FCS UVSP 12:18 : Wavelength=2788A Exp #=90816  
Carr. Lon.=78deg H. Ang=37deg

MaxkeV=102  
FePeak.c/s=7  
Rast=240"x240"  
Rast=243"x243"

Pitch=-76", Yaw=-731", Roll=-20deg  
Mac.=ESI  
#Peaks=2 dt= 7.7s XEN=916908  
Step=15" Cad= 262s 1.024s/pixel  
Step=3" Pitch=-67", Yaw=-723"

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Event # = 22971  
89/06/18,13:36 DOY=169  
Start Peak  
GOES 13:34 13:36 13:46 End times  
CaPeak.c/s=26 FePeak=13:36  
Qual=00  
FCS UVSP 13:35 : Wavelength=1375A Exp #=90817

FePeak.c/s=10  
Rast=0"x0"  
Rast=265"x265"

dt= 7.7s XEN=916909  
Cad=1.02s 1.024s/pixel  
Pitch=-64", Yaw=-729"

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Event # = 22972  
89/06/18,13:53 DOY=169  
Start Peak  
GOES 13:51 13:53 13:58 End times  
CaPeak.c/s=20 FePeak=13:51  
Qual=00  
FCS UVSP 13:39 : Wavelength=1375A Exp #=90819

FePeak.c/s=8  
Rast=0"x0"  
Rast=30"x30"

dt= 7.7s XEN=916910  
Cad=1.02s 1.024s/pixel  
Pitch=-7", Yaw=-792"

Event # = 11559	DOY=169	SMM Pointing:	N21W51	Pitch=-66", Yaw=-758", Roll=-20deg	H. Ang=54deg
89/06/18, 18:10	Peak	End times	Qual=00		
GOES	18:09:50	18:10:28	Qual=01	MaxkeV=102	
HXRBS	18:14			Rast=265" x265"	Step=5" Pitch=-56", Yaw=-753"
UVSP				Tot Cts=123	
				Exp #=90838	
Event # = 11560	DOY=169	SMM Pointing:	N21W51	Pitch=-66", Yaw=-758", Roll=-20deg	H. Ang=54deg
89/06/18, 18:17	Peak	End times	Qual=00		
GOES	18:17:36	18:18:12	Qual=01	MaxkeV=102	
HXRBS	18:16			Rast=30" x30"	Step=5" Pitch=+16", Yaw=-825"
UVSP				Tot Cts=110	
				Exp #=90840	
Event # = 22973	DOY=169	SMM Pointing:	Qual=00		
89/06/18, 21:15	Peak	End times	Qual=5	FePeak.c/s=8	dt= 7.7s XEN=916911
GOES	21:15	21:17		Rast=0" x0"	Step=0" Cad=1.02s XEN=917000
BCS				Rast=265" x265"	Step=5" Pitch=-52", Yaw=-767"
FCS				FePeak=21:15	
UVSP	21:18			Exp #=90852	
				89/06/19	DOY=170
Event # = 11561	DOY=170	SMM Pointing:	N21W55	Pitch=-56", Yaw=-790", Roll=-20deg	H. Ang=57deg
89/06/19, 00:34	Peak	End times	Qual=01		
GOES	00:33:06	00:33:40	Qual=01	MaxkeV=102	
HXRBS	00:34	00:36	Qual=1	FePeak.c/s=14	dt= 7.7s XEN=917000
BCS				Rast=0" x0"	Step=0" Cad=1.02s XEN=917000
FCS				Rast=30" x30"	Step=5" Pitch=+10", Yaw=-834"
UVSP	00:28			Exp #=90868	
Event # = 22974	DOY=170	SMM Pointing:	N19W43	Mac.=ESI	Carr. Lon.=80deg
89/06/19, 00:50	Peak	End times	Qual=01		
Optical			Qual=01	FePeak.c/s=17	dt= 3.8s XEN=917001
GOES	00:42	01:00	Qual=1	Rast=240" x240"	Step=15" Cad= 262s XEN=917001
BCS				Rast=30" x30"	Step=5" Pitch=+11", Yaw=-840"
FCS				FePeak=00:50	
UVSP	00:43			Exp #=90870	
Event # = 11562	DOY=170	SMM Pointing:	N21W56	Pitch=-52", Yaw=-801", Roll=-20deg	H. Ang=58deg
89/06/19, 03:33	Peak	End times	Qual=00		
GOES	03:32:48	03:33:45	Qual=01	MaxkeV=102	
HXRBS	03:16			Rast=180" x1"	Step=0" Pitch=+85", Yaw=-622"
UVSP				Tot Cts=647	
Radio Sweeps		Type/Intensity:		Exp #=90875	
				89/06/19, 04:12	DOY=170
Event # = 22975	DOY=170	SMM Pointing:	Qual=00		
89/06/19, 04:12	Peak	End times	Qual=1	FePeak.c/s=11	dt= 7.7s XEN=917002
GOES	04:10	04:15		Rast=0" x0"	Step=0" Cad=1.02s XEN=917002
BCS				Rast=180" x1"	Step=0" Pitch=+86", Yaw=-626"
FCS				FePeak=04:11	
UVSP	04:13			Exp #=90876	

Event # = 11563													
89/06/19, 05:14	DOY=170	SMM Pointing:	N21W57							Pitch=-49", Yaw=-811", Roll=-20deg		H. Ang=59deg	
Start	Peak												
GOES	05:14:45	05:14:55	05:15:11	End times									
HXRBS		Peak...c/s=62	Qual=00							MaxkeV=102			
UVSP	04:50	Wavelength=2788A	Qual=01							Rast=180"x1"		Pitch=+86", Yaw=-629"	
Event # = 11564													
89/06/19, 05:56	DOY=170	SMM Pointing:	N21W57							Pitch=-49", Yaw=-811", Roll=-20deg		H. Ang=59deg	
Start	Peak												
Optical													
GOES	05:32	05:56	07:03	End times						Mac.=FKC		H. Ang=60deg	
HXRBS	05:30:12	05:42:17	05:52:53							Carr. Lon.=94deg			
BCS	05:20	05:38	05:38							Flags=EN, DG			
FCS										FePeak.c/s=151 dt= 7.7s XEN=917003			
UVSP	05:45	Wavelength=2788A	Code=00	Exp #=90878						Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel			
										Rast=180"x1" Step=0" Pitch=+88", Yaw=-633"			
Event # = 11565													
89/06/19, 06:39	DOY=170	SMM Pointing:	N21W57							Pitch=-49", Yaw=-811", Roll=-20deg		H. Ang=59deg	
Start	Peak												
GOES													
HXRBS	06:38:33	06:39:57	06:41:48	End times						MaxkeV=102			
UVSP	06:22	Peak...c/s=64	Qual=00							Rast=180"x1"		Pitch=+88", Yaw=-635"	
		Wavelength=2788A	Qual=01										
Event # = 11566													
89/06/19, 06:49	DOY=170	SMM Pointing:	N21W57							Pitch=-49", Yaw=-811", Roll=-20deg		H. Ang=59deg	
Start	Peak												
GOES													
HXRBS	06:48:30	06:49:05	06:49:17	End times						MaxkeV=144			
UVSP	06:22	Peak...c/s=84	Qual=00							Rast=180"x1"		Pitch=+88", Yaw=-635"	
		Wavelength=2788A	Qual=01										
Event # = 22976													
89/06/19, 07:10	DOY=170	SMM Pointing:	N21W57										
Start	Peak												
GOES													
BCS	07:10	07:10	07:26	End times						FePeak.c/s=12 dt= 7.7s XEN=917004			
FCS										Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel			
UVSP	07:19	CaPeak.c/s=41	Qual=00							Rast=180"x1" Step=0" Pitch=+90", Yaw=-639"			
		Wavelength=2788A	Qual=5										
Event # = 22977													
89/06/19, 08:05	DOY=170	SMM Pointing:	N21W57										
Start	Peak												
GOES													
BCS	08:04	08:05	08:11	End times						FePeak.c/s=9 dt= 7.7s XEN=917005			
FCS										Rast=0"x0" Cad=1.02s 1.024s/pixel			
UVSP	07:54	CaPeak.c/s=19	Qual=00							Rast=180"x1" Step=0" Pitch=+91", Yaw=-642"			
		Wavelength=2788A	Qual=4										
Event # = 22978													
89/06/19, 08:33	DOY=170	SMM Pointing:	N21W57										
Start	Peak												
GOES													
BCS	08:33	08:33	08:36	End times						FePeak.c/s=6 dt= 7.7s XEN=917006			
FCS										Rast=0"x0" Cad=1.02s 1.024s/pixel			
UVSP	08:50	CaPeak.c/s=20	Qual=00							Rast=180"x1" Step=0" Pitch=+92", Yaw=-646"			
Radio Sweeps		Wavelength=2788A	Qual=4										
		Type/Intensity: V/3	Exp #=90882										

Event # = 22979												
89/06/19,08:54	DOY=170	Peak	End times		N21W59			AR5528		Mac. =FKC		
Optical					Qual=00							H. Ang=61deg
GOES					Qual= 1		FePeak=08:55		#Peaks=1	dt= 3.8s	XEN=917007	
BGS	08:44	08:54	08:58		CaPeak.c/s=41			Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel	
FCS					Wavelength=2788A		Exp #=90882		Step=0"	Pitch=+92"	Yaw=-646"	
UVSP	08:50											
Event # = 22980												
89/06/19,11:34	DOY=170	Peak	End times		Qual=00			FePeak=11:12		FePeak.c/s=13		
GOES					Qual= 1				Step=15"	dt= 3.8s	XEN=917008	
BGS	11:09	11:34	12:04		CaPeak.c/s=49		Exp #=90886		Step=3"	Cad= 262s	1.024s/pixel	
FCS					Wavelength=2788A					Pitch=-32"	Yaw=-827"	
UVSP	11:24											
Event # = 22981												
89/06/19,12:25	DOY=170	Peak	End times		Qual=05			FePeak=12:49		FePeak.c/s=11		
GOES					Qual= 5				Step=0"	dt= 7.7s	XEN=917009	
BGS	12:10	12:25	12:37		Importance=C7		Exp #=90887		Step=5"	Cad=1.02s	1.024s/pixel	
FCS	12:41	12:42	12:52		CaPeak.c/s=19					Pitch=-30"	Yaw=-832"	
UVSP	12:45				Wavelength=1375A							
Event # = 22982												
89/06/19,14:31	DOY=170	Peak	End times		Qual=00			FePeak=14:30		FePeak.c/s=9		
GOES					Qual= 4				Step=0"	dt= 7.7s	XEN=917010	
BGS	14:29	14:31	14:33		CaPeak.c/s=22		Exp #=90896		Step=5"	Cad=1.02s	1.024s/pixel	
FCS					Wavelength=1375A					Pitch=+34"	Yaw=-890"	
UVSP	14:20											
Event # = 11567												
89/06/19,14:35	DOY=170	Peak	End times		N21W62			AR5552		Pitch=-37", Yaw=-845", Roll=-20deg		
Optical					S18E75				Carr. Lon.=315deg		H. Ang=63deg	
GOES					Qual=00							
HXRBS	14:35:34	14:35:51	14:36:15		Qual=01		Tot Cts=655					
UVSP	14:20				Peak,..c/s=81		Exp #=90896					
Radio Sweeps					Wavelength=1375A							
Radio Frequency(MHz)/Flux(stu)					V/3							
					245/560							
Event # = 22983												
89/06/19,16:04	DOY=170	Peak	End times		N18W69			AR5528		Mac. =FKC		
Optical					Qual=00							H. Ang=70deg
GOES					Qual= 1		FePeak=16:04		Step=0"	dt= 7.7s	XEN=917011	
BGS	16:03	16:04	16:08		CaPeak.c/s=34		Exp #=90903		Step=5"	Cad=1.02s	1.024s/pixel	
FCS					Wavelength=1375A					Pitch=+26"	Yaw=-890"	
UVSP	15:54											

Event # = 22984  
 89/06/19, 20:26 DOY=170  
 Start Peak End times  
 GOES 20:24 20:26 20:39  
 BCS 20:24 20:26 20:39  
 FCS 20:24 20:26 20:39  
 UVSP 20:28 20:39 20:50

Qual=00  
 Qual=4  
 FePeak=20:26  
 Exp #=90923

CaPeak.c/s=28  
 Wavelength=1375A

dt= 7.7s  
 XEN=917012  
 Cad= 332s  
 1.024s/pixel  
 Pitch=-22", Yaw=-859"

Event # = 11568  
 89/06/19, 20:44 DOY=170  
 Start Peak End times  
 GOES 20:43:49 20:44:06 20:44:29  
 HXRBS 20:43:49 20:44:06 20:44:29  
 UVSP 20:31 20:44:06 20:44:29  
 Radio Sweeps Type/Intensity: III/3 V/3

SMM Pointing: N21W65  
 Qual=00  
 Qual=01  
 Tot Cts=513  
 Exp #=90924

Peak...c/s=65  
 Wavelength=1375A  
 III/3 V/3

Pitch=-30", Yaw=-867", Roll=-20deg  
 H. Ang=66deg

MaxkeV=102  
 Rast=110"x200" Step=5" Pitch=+31", Yaw=-887"

Event # = 11569  
 89/06/19, 20:45 DOY=170  
 Start Peak End times  
 GOES 20:44:58 20:45:26 20:45:56  
 HXRBS 20:44:58 20:45:26 20:45:56  
 UVSP 20:31 20:45:26 20:45:56  
 Radio Sweeps Type/Intensity: III/3 V/3

SMM Pointing: N21W65  
 Qual=00  
 Qual=01  
 Tot Cts=195  
 Exp #=90924

Peak...c/s=51  
 Wavelength=1375A  
 III/3 V/3

Pitch=-30", Yaw=-867", Roll=-20deg  
 H. Ang=66deg

MaxkeV=102  
 Rast=110"x200" Step=5" Pitch=+31", Yaw=-887"

Event # = 11570  
 89/06/19, 20:48 DOY=170  
 Start Peak End times  
 GOES 20:48:34 20:48:48 20:49:12  
 HXRBS 20:48:34 20:48:48 20:49:12  
 UVSP 20:45 20:48:48 20:49:12

SMM Pointing: N21W65  
 Qual=00  
 Qual=01  
 Tot Cts=277  
 Exp #=90925

Peak...c/s=59  
 Wavelength=1375A

Pitch=-30", Yaw=-867", Roll=-20deg  
 H. Ang=66deg

MaxkeV=102  
 Rast=265"x265" Step=5" Pitch=-21", Yaw=-860"

Event # = 22985  
 89/06/19, 20:51 DOY=170  
 Start Peak End times  
 GOES 20:50 20:51 20:53  
 BCS 20:50 20:51 20:53  
 FCS 20:50 20:51 20:53  
 UVSP 20:49 20:51 20:53

Qual=00  
 Qual=4  
 FePeak=20:50  
 Exp #=90926

CaPeak.c/s=20  
 Wavelength=1375A

dt= 7.7s  
 XEN=917013  
 Cad= 332s  
 1.024s/pixel  
 Pitch=+31", Yaw=-888"

Event # = 11571  
 89/06/19, 20:58 DOY=170  
 Start Peak End times  
 GOES 20:57:48 20:58:13 20:58:54  
 HXRBS 20:57:48 20:58:13 20:58:54  
 UVSP 20:49 20:58:13 20:58:54  
 Radio Sweeps Type/Intensity: V/3

SMM Pointing: N21W65  
 Qual=00  
 Qual=01  
 Tot Cts=1853  
 Exp #=90926

Peak...c/s=98  
 Wavelength=1375A  
 V/3

Pitch=-30", Yaw=-867", Roll=-20deg  
 H. Ang=66deg

MaxkeV=187  
 Rast=110"x200" Step=5" Pitch=+31", Yaw=-888"

Event # = 11572  
 89/06/19, 21:55 DOY=170  
 Start Peak End times  
 Optical 21:51 21:55 22:30  
 GOES 21:51 21:55 22:30  
 HXRBS 22:25:08 22:25:17 22:25:35  
 UVSP 22:01 22:25:08 22:25:35

SMM Pointing: N21W67  
 S17W40  
 Qual=05  
 Qual=01  
 Code=02  
 Tot Cts=158  
 Exp #=90931

Ha...Class=1N  
 Importance=M1  
 Peak...c/s=51  
 Wavelength=1375A

Pitch=-30", Yaw=-877", Roll=-20deg  
 H. Ang=68deg

Mac.=FKI Carr. Lon.=66deg  
 H. Ang=44deg

MaxkeV=102  
 Rast=265"x265" Step=5" Pitch=-24", Yaw=-864"



Event # = 11573																			
89/06/19, 23:39	Start	End times	SMM Pointing:	N21W67	DOY=170	Peak								Pitch=-30", Yaw=-877", Roll=-20deg	H. Ang=68deg				
Optical			Ha...Class=SF	S23W37			AR5533							Mac.=FKI	Carr. Lon.=62deg	H. Ang=44deg			
G0ES			Peak...c/s=51	Qual=00										MaxkeV=102					
HXRBS	23:39:04	23:39:18	WaveLength=1375A	Qual=01										Rast=110"x200"	Step=5"	Pitch=+45", Yaw=-896"			
UVSP	23:37		410/160																
Radio			Frequency(MHz)/Flux(sfu):																
Event # = 11574																			
89/06/19, 23:40	Start	End times	SMM Pointing:	N21W67	DOY=170	Peak								Pitch=-30", Yaw=-877", Roll=-20deg	H. Ang=68deg				
Optical			Ha...Class=SF	S23W37			AR5533							Mac.=FKI	Carr. Lon.=62deg	H. Ang=44deg			
G0ES			Peak...c/s=46	Qual=00										MaxkeV=102					
HXRBS	23:40:00	23:40:04	WaveLength=1375A	Qual=01										Rast=110"x200"	Step=5"	Pitch=+45", Yaw=-896"			
UVSP	23:37																		
Event # = 22986																			
89/06/20, 01:49	Start	End times			DOY=171														
G0ES	01:47	01:55		Qual=00										FePeak.c/s=13	#Peaks=1	dt= 3.8s	XEM=917100		
BCS				Qual= 1										Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel		
FCS														Rast=180"x1"	Step=0"	Pitch=+107", Yaw=-703"			
UVSP	01:53		WaveLength=2788A																
Event # = 11576																			
89/06/20, 02:41	Start	End times	SMM Pointing:	N21W69	DOY=171									Pitch=-29", Yaw=-887", Roll=-20deg	H. Ang=70deg				
G0ES	02:36	02:41	Importance=C5	Qual=04										MaxkeV=102					
HXRBS	02:36:12	02:38:32	Peak...c/s=63	Qual=01										Rast=180"x1"	Step=0"	Pitch=+107", Yaw=-705"			
UVSP	02:26		WaveLength=2788A	Code=00															
Radio			III/2																
HXRBS	02:35:19	02:35:27	Associated		Event # = 11575														
			Peak...c/s=50	Qual=01	Tot Cts=180									MaxkeV=102					
Event # = 22987																			
89/06/20, 03:03	Start	End times			DOY=171														
Optical			Ha...Class=SF	N19W64			AR5528							Mac.=FKC	Carr. Lon.=87deg	H. Ang=65deg			
G0ES			Peak...c/s=27	Qual=00										FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEM=917101		
BCS	03:03	03:06	CaPeak.c/s=27	Qual= 4										Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel		
FCS			WaveLength=2788A											Rast=180"x1"	Step=0"	Pitch=+108", Yaw=-707"			
UVSP	03:22																		
Event # = 11584																			
89/06/20, 04:23	Start	End times	SMM Pointing:	N21W69	DOY=171									Pitch=-29", Yaw=-887", Roll=-20deg	H. Ang=70deg				
G0ES			Peak...c/s=46	Qual=00										MaxkeV=102					
HXRBS	04:22:19	04:22:34	CaPeak.c/s=20	Qual=01										FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEM=917102		
BCS	04:23	04:25	WaveLength=2788A	Qual= 4										Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel		
FCS														Rast=180"x1"	Step=0"	Pitch=+108", Yaw=-709"			
UVSP	03:59																		

Event # = 11585  
89/06/20\_04:37 Start Peak  
D0Y=171  
SMM Pointing: N21W69  
End times  
Pitch=-29", Yaw=-887", Roll=-20deg H.Ang=70deg

GOES  
HXRBS 04:37:49 04:37:54 04:38:28 Peak...c/s=47 Qual=00  
UVSP 04:54 WaveLength=2788A Exp #=90957  
Rast=180"x1" Step=0" dt= 3.8s XEN=917103  
MaxkeV=102  
Pitch=+109", Yaw=-711"

Event # = 11577  
89/06/20\_09:14 Start Peak  
D0Y=171  
SMM Pointing: N21W73  
End times  
Pitch=-23", Yaw=-907", Roll=-20deg H.Ang=74deg

GOES  
HXRBS 09:09:26 09:10:17 09:13:55 Peak...c/s=376 Qual=00  
BCS 09:10 09:14 09:40 CaPeak.c/s=91 Qual=01  
FCS  
UVSP 09:33 WaveLength=2788A Exp #=90963  
FePeak=187  
Rast=180"x180" dt= 3.8s XEN=917103  
#Peaks=1  
Step=10" Cad= 332s  
Pitch=+112", Yaw=-723"

Event # = 11578  
89/06/20\_09:25 Start Peak  
D0Y=171  
SMM Pointing: N21W73  
End times  
Pitch=-23", Yaw=-907", Roll=-20deg H.Ang=74deg

GOES  
HXRBS 09:25:07 09:25:14 09:25:22 Peak...c/s=68 Qual=00  
UVSP 09:33 WaveLength=2788A Exp #=90963  
Rast=180"x1" Step=0" dt= 3.8s XEN=917103  
#Peaks=1  
Step=10" Cad= 332s  
Pitch=+112", Yaw=-723"

Event # = 11579  
89/06/20\_09:36 Start Peak  
D0Y=171  
SMM Pointing: N21W73  
End times  
Pitch=-23", Yaw=-907", Roll=-20deg H.Ang=74deg

GOES  
HXRBS 09:36:35 09:36:42 09:36:49 Peak...c/s=54 Qual=00  
UVSP 09:33 WaveLength=2788A Exp #=90963  
Rast=180"x1" Step=0" dt= 3.8s XEN=917103  
#Peaks=1  
Step=10" Cad= 332s  
Pitch=+112", Yaw=-723"

Event # = 11580  
89/06/20\_12:38 Start Peak  
D0Y=171  
SMM Pointing: N21W73  
End times  
Pitch=-23", Yaw=-907", Roll=-20deg H.Ang=74deg

GOES  
HXRBS 12:35:25 12:35:27 12:35:47 Peak...c/s=47 Qual=00  
BCS 12:37 12:38 12:41 CaPeak.c/s=28 Qual=01  
FCS  
UVSP 11:55 WaveLength=2788A Exp #=90966  
FePeak=102  
Rast=240"x240" dt= 7.7s XEN=917104  
#Peaks=1  
Step=10" Cad= 590s  
Pitch=-14", Yaw=-900"

Event # = 22988  
89/06/20\_13:36 Start Peak  
D0Y=171  
SMM Pointing: N21W73  
End times  
Pitch=-23", Yaw=-907", Roll=-20deg H.Ang=74deg

GOES  
BCS 13:35 13:36 13:40 CaPeak.c/s=22 Qual=00  
FCS  
UVSP 13:30 WaveLength=1375A Exp #=90969  
FePeak.c/s=11  
Rast=240"x240" dt= 7.7s XEN=917105  
#Peaks=1  
Step=15" Cad= 262s  
Pitch=+44", Yaw=-945"

Event # = 11581  
 89/06/20,15:08 DOY=171 Peak H.Ang=76deg  
 Start End times  
 Optical N21W75  
 GOES 14:48 15:08 17:20  
 HXRBS 14:54:28 14:57:28 15:22:11  
 GRS 14:55:00 14:57:00  
 BCS 14:56 15:06 15:21  
 FCS  
 UVSP 15:03  
 Radio Sweeps  
 Radio Type/Intensity:  
 Frequency (MHz)/Flux(sfu): 245/2900 410/48 606/95 1415/540 2695/560 8800/320 15400/170  
 BCS 16:28 16:29 16:57  
 FCS  
 UVSP 16:32

SMM Pointing: Pitch=-20",Yaw=-917",Roll=-20deg  
 Ha...Class=sB Carr. Lon.=84deg  
 Importance=X2 AR5528  
 Peak...c/s=2383 Qual=04 Tot Cts=3.96E+5 MaxkeV=419  
 CaPeak.c/s=6117 Qual=1 FePeak.c/s=2771 #Peaks=1 dt= 7.7s XEN=917106  
 Wavelength=1375A Code=00 Exp #=90976 Rast=180"x180" Cad= 332s 1.024s/pixel  
 111/2 IV/2 Dur=120sec  
 245/2900 410/48 606/95 1415/540 2695/560 8800/320 15400/170 FePeak.c/s=1 dt= 7.7s XEN=917107  
 Associated Event # = 22989 Rast=180"x180" Cad= 332s 1.024s/pixel  
 CaPeak.c/s=303 Qual=5 FePeak=16:35 Rast=265"x265" Pitch=-853",Yaw=+345"  
 Wavelength=1375A Exp #=90977

Event # = 22990  
 89/06/20,18:02 DOY=171 Peak  
 Start End times  
 GOES 18:00 18:02 18:32  
 BCS 18:00 18:02 18:32  
 FCS  
 UVSP 18:04

Qual=00  
 Qual=5  
 FePeak=18:03  
 Exp #=90984

FePeak.c/s=8 dt= 3.8s XEN=917108  
 Rast=180"x180" Cad= 332s 1.024s/pixel  
 Rast=265"x265" Pitch=-11",Yaw=-912"

Event # = 22991  
 89/06/20,21:17 DOY=171 Peak  
 Start End times  
 GOES 21:14 21:17 21:25  
 BCS 21:14 21:17 21:25  
 FCS  
 UVSP 21:13

Qual=00  
 Qual=1  
 FePeak=21:17  
 Exp #=90998

FePeak.c/s=11 dt= 7.7s XEN=917109  
 Rast=240"x240" Cad= 262s 1.024s/pixel  
 Rast=110"x200" Pitch=-62",Yaw=-945"

Event # = 22992  
 89/06/20,21:50 DOY=171 Peak  
 Start End times  
 GOES 21:35 21:50 21:50  
 BCS 21:35 21:50 21:50  
 FCS  
 UVSP 21:48

Qual=00  
 Qual=2  
 FePeak=21:50  
 Exp #=91002

FePeak.c/s=16 dt= 7.7s XEN=917110  
 Rast=180"x180" Cad= 332s 1.024s/pixel  
 Rast=110"x200" Pitch=-48",Yaw=-945"

Event # = 22993  
 89/06/20,22:14 DOY=171 Peak  
 Start End times  
 Optical N18W81  
 Optical N19W81  
 GOES 21:53 22:14 23:50  
 BCS 22:38 22:39 23:28  
 FCS  
 UVSP 22:07

Qual=05  
 Qual=5  
 FePeak=22:39  
 Exp #=91004

FePeak.c/s=295 dt= 3.8s XEN=917111  
 Rast=180"x180" Cad= 332s 1.024s/pixel  
 Rast=110"x200" Pitch=-88",Yaw=-946"

Mac. = FKC Carr. Lon.=93deg H. Ang=81deg  
 Carr. Lon.=93deg H. Ang=81deg

89/06/21 DOY=172

Event # = 22994  
 89/06/21,00:12 DOY=172  
 Start Peak End times  
 GOES 00:11 00:12 01:06 Qual=00  
 BCS 00:11 00:12 01:06 CaPeak.c/s=127 FePeak=00:13  
 FCS 00:11 00:12 01:06 WaveLength=1375A  
 UVSP 00:15

FePeak.c/s=14 #Peaks=1 dt= 3.8s XEN=917200  
 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel  
 Rast=265"x265" Step=5" Pitch=9" ,Yaw=-921"

Event # = 11590  
 89/06/21,00:49 DOY=172  
 Start Peak End times  
 Optical SMM Pointing: N21W79 H.Ang=79deg  
 GOES 01:39 01:43 02:40 Ha...Class=SF S16E61  
 HXRBS 00:48:45 00:49:06 00:49:15 Peak...c/s=104 Qual=00  
 UVSP 00:35 WaveLength=1375A Qual=01  
 Tot Cts=802 H.Ang=63deg  
 Exp #=91016

Pitch=-17" ,Yaw=-929" ,Roll=-20deg  
 Carr.Lon.=310deg  
 MaxkeV=102  
 Rast=110"x200" Step=5" Pitch=+68" ,Yaw=-949"

Event # = 22995  
 89/06/21,01:43 DOY=172  
 Start Peak End times  
 Optical Ha...Class=SF S18E56 H.Ang=59deg  
 GOES 01:39 01:43 02:40 Importance=M2 AR5552  
 BCS 01:43 01:48 02:40 CaPeak.c/s=65 FePeak=01:44  
 FCS 01:43  
 UVSP 01:35 WaveLength=2788A Code=00 Exp #=91020  
 Radio Type/Intensity: III/3  
 Radio Frequency(MHz)/Flux(sfu): 245/100 410/41

Mac.=EKI Carr.Lon.=314deg  
 #Peaks=1 dt= 3.8s XEN=917201  
 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=+118" ,Yaw=-759"

Event # = 11582  
 89/06/21,03:18 DOY=172  
 Start Peak End times  
 SMM Pointing: N21W87 H.Ang=87deg  
 GOES 03:32:23 03:32:36 03:32:46 Peak...c/s=65  
 HXRBS 03:16 03:18 04:13 CaPeak.c/s=33  
 BCS 03:16 03:18 04:13  
 FCS 03:09 WaveLength=2788A  
 UVSP 03:09

MaxkeV=102  
 FePeak.c/s=9 #Peaks=1 dt= 7.7s XEN=917202  
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=+118" ,Yaw=-759"

Event # = 11583  
 89/06/21,04:51 DOY=172  
 Start Peak End times  
 SMM Pointing: N21W87 H.Ang=87deg  
 Optical Ha...Class=1N S19E61 H.Ang=63deg  
 GOES 04:39 04:51 05:28 Importance=M1  
 HXRBS 04:47:29 04:49:09 04:50:47 Peak...c/s=105  
 BCS 04:48 04:53 05:44 CaPeak.c/s=23  
 FCS 04:41 WaveLength=2788A Code=00 Exp #=91024  
 UVSP 04:41 Type/Intensity: III/3 V/2  
 Radio Frequency(MHz)/Flux(sfu): 410/21 2695/23 4995/50 8800/48

Mac.=EKI Carr.Lon.=308deg  
 MaxkeV=102  
 FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=917203  
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=+118" ,Yaw=-759"

Event # = 11586  
 89/06/21,08:07 DOY=172  
 Start Peak End times  
 SMM Pointing: N21W87 H.Ang=87deg  
 Optical Ha...Class=SN N28E67 H.Ang=69deg  
 GOES 08:06:51 08:07:02 08:07:07 Peak...c/s=46  
 HXRBS 07:46 WaveLength=2788A Qual=01  
 UVSP 07:46 Tot Cts=79  
 Exp #=91028

Pitch=-17" ,Yaw=-944" ,Roll=-20deg  
 Carr.Lon.=300deg  
 Mac.=CSO  
 MaxkeV=102  
 Rast=180"x1" Step=0" Pitch=+118" ,Yaw=-759"

Event # = 22996		DOY=172																	
89/06/21	09:59	Start	Peak	End times															
GOES	09:59	10:02	09:59	CaPeak.c/s=20	Qual=00	FePeak=09:59	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=917204									
BCS					Qual= 4		Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel									
FCS																			
UVSP	10:14			WaveLength=2788A	Exp #=91031														
Event # = 11587		DOY=172																	
89/06/21	11:44	Start	Peak	End times															
Optical																			
Optical																			
GOES	11:28	11:44	11:44	Ha...Class=SN	N27E60	AR5555	Mac.=CSO	Carr.Lon.=305deg	H.Ang=63deg										
HXRBS	11:26:57	11:36:28	11:44:52	Ha...Class=SF	S16E87	AR5556		Carr.Lon.=278deg	H.Ang=88deg										
UVSP	11:04			Importance=M2	Qual=03														
Radio				Peak...c/s=215	Qual=01	Tot Cts=16500	MaxkeV=144	Flags=I											
				WaveLength=2788A	Code=00	Exp #=91032	Rast=243"x243"	Step=3"	Pitch=-10"	Yaw=-931"									
				Frequency(MHz)/Flux(sfu):	4995/110	8800/130	15400/100												
BCS	12:32	12:32	12:49	Associated	Event # = 22997														
FCS				CaPeak.c/s=105	Qual= 5	FePeak=12:33	FePeak.c/s=14	#Peaks=1	dt= 3.8s	XEN=917205									
UVSP	12:35			WaveLength=1375A	Exp #=91033		Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel									
							Rast=265"x265"	Step=5"	Pitch=-10"	Yaw=-931"									
Event # = 11588		DOY=172																	
89/06/21	13:24	Start	Peak	End times															
GOES	13:24:14	13:24:29	13:24:45	Peak...c/s=55	Qual=00	Tot Cts=147	MaxkeV=102	Step=5"	Pitch=-53"	Yaw=-948"									
HXRBS				WaveLength=1375A	Qual=01	Exp #=91039	Rast=30"x30"												
UVSP	13:13																		
Event # = 11589		DOY=172																	
89/06/21	14:10	Start	Peak	End times															
GOES	14:09:17	14:10:15	14:11:13	SMM Pointing:	Qual=00	Tot Cts=2613	MaxkeV=144	Step=5"	Pitch=-10"	Yaw=-961"									
HXRBS					Qual=01	Exp #=91040	Rast=265"x265"												
UVSP	14:09			Peak...c/s=131	Qual=01														
				WaveLength=1375A															
Event # = 11591		DOY=172																	
89/06/21	14:23	Start	Peak	End times															
GOES	14:23:23	14:23:44	14:24:00	SMM Pointing:	Qual=00	Tot Cts=212	MaxkeV=102	Step=5"	Pitch=-58"	Yaw=-989"									
HXRBS					Qual=01	Exp #=91041	Rast=110"x200"												
UVSP	14:11			Peak...c/s=41	Qual=01														
				WaveLength=1375A															
Event # = 11592		DOY=172																	
89/06/21	16:03	Start	Peak	End times															
GOES	16:03:03	16:03:27	16:03:34	SMM Pointing:	Qual=00	Tot Cts=186	MaxkeV=102	Step=5"	Pitch=-43"	Yaw=-989"									
HXRBS					Qual=01	Exp #=91050	Rast=110"x200"												
UVSP	16:01			Peak...c/s=46	Qual=01														
				WaveLength=1375A															

Event # = 11593													
89/06/21, 17:25	DOY=172		SMM Pointing:							Pitch=-17", Yaw=-974", Roll=-20deg			
Optical	Peak		Ha...Class=IN							Mac.=CSO	Carr. Lon.=302deg	H. Ang=62deg	
GOES	17:25	18:16	Importance=M3							MaxkeV=102			
HXRBS	17:15:54	17:22:33	Peak...c/s=103							Rast=110"x200"	Step=5"	Pitch=-58", Yaw=-989"	
UVSP	17:17		Wavelength=1375A							Exp #=91056			
Event # = 11594													
89/06/21, 18:52	DOY=172		SMM Pointing:										
Optical	Peak		Ha...Class=SN										
GOES	18:48	19:04	Importance=M1							Mac.=CSO	Carr. Lon.=302deg	H. Ang=62deg	
HXRBS	18:48:29	18:49:04	Peak...c/s=77							MaxkeV=102			
UVSP	18:49		Wavelength=1375A							Rast=110"x200"	Step=5"	Pitch=-53", Yaw=-989"	
Event # = 11595													
89/06/21, 20:42	DOY=172		SMM Pointing:										
Optical	Peak		Peak...c/s=54										
GOES	20:42:22	20:42:57	Wavelength=1375A							MaxkeV=102			
HXRBS	20:39	20:43:04								Rast=110"x200"	Step=5"	Pitch=-48", Yaw=-989"	
UVSP										Exp #=91074			
Event # = 11596													
89/06/21, 21:00	DOY=172		SMM Pointing:										
Optical	Peak		Ha...Class=SN										
GOES	20:56	21:00	Importance=C7							Mac.=CSO	Carr. Lon.=301deg	H. Ang=62deg	
HXRBS	20:56:12	20:56:53	Peak...c/s=62							MaxkeV=102			
UVSP	20:57	20:56:58	Wavelength=1375A							Rast=110"x200"	Step=5"	Pitch=-73", Yaw=-989"	
Event # = 22998													
89/06/21, 21:48	DOY=172		SMM Pointing:										
Optical	Peak		Ha...Class=SN										
GOES	21:48	21:53	Importance=C7										
BCS	21:48	21:48	Peak...c/s=19							FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=917206
FCS	21:48		Wavelength=1375A							Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel
UVSP	21:52									Rast=265"x265"	Step=5"	Pitch=-10", Yaw=-961"	
Event # = 12567													
89/06/21, 22:04	DOY=172		SMM Pointing:										
Optical	Peak		CaPeak.c/s=19										
GOES	22:04:16	22:04:22	Wavelength=1375A							MaxkeV=144	Flags=1		
HXRBS	22:04:16	22:04:29								Rast=110"x200"	Step=5"	Pitch=-48", Yaw=-989"	
UVSP	21:54									Exp #=91080			
Event # = 11598													
89/06/21, 23:28	DOY=172		SMM Pointing:										
Optical	Peak		Peak...c/s=48										
GOES	23:28:26	23:28:42	Wavelength=1375A							MaxkeV=102			
HXRBS	23:28:26	23:28:44								Rast=110"x200"	Step=5"	Pitch=-48", Yaw=-989"	
UVSP	23:28	23:28								Exp #=91088			

Event # = 11597	DOY=172		End times							
89/06/21 23:47	Start	Peak								
G0ES	23:47:01	23:47:14	23:47:28							
HXRBS	Peak...c/s=48									
UVSP	Wavelength=1375A									
	Qual=00									
	Qual=01									
	Tot Cts=168									
	Exp #=91090									
	MaxkeV=102									
	Rast=110"x200"		Step=5"		Pitch=-68"		Yaw=-989"			
89/06/22 DOY=173										
Event # = 11599	DOY=173		End times							
89/06/22 01:33	Start	Peak								
G0ES	01:33:08	01:33:59	01:34:26							
HXRBS	Peak...c/s=54									
UVSP	Wavelength=1375A									
	Qual=03									
	Qual=01									
	Tot Cts=323									
	Exp #=91099									
	MaxkeV=102									
	Rast=265"x265"		Step=5"		Pitch=-10"		Yaw=-961"			
89/06/22 DOY=173										
Event # = 11600	DOY=173		End times							
89/06/22 02:56	Start	Peak								
G0ES	02:55:55	02:56:03	02:56:17							
HXRBS	Peak...c/s=58									
UVSP	Wavelength=1375A									
	Qual=00									
	Qual=01									
	Tot Cts=244									
	Exp #=91106									
	MaxkeV=102									
	Rast=110"x200"		Step=5"		Pitch=+43"		Yaw=-989"			
89/06/22 DOY=173										
Event # = 11601	DOY=173		End times							
89/06/22 07:06	Start	Peak								
Optical										
G0ES	07:06:09	07:06:17	07:06:40							
HXRBS	Peak...c/s=47									
UVSP	Wavelength=2788A									
	Ha...Class=SF									
	N26E50									
	Qual=00									
	Qual=01									
	Mac.=DKI		Carr. Lon.=304deg		H. Ang=54deg					
	Tot Cts=115		Step=0"		Pitch=+118"		Yaw=-789"			
	Exp #=91121									
	MaxkeV=102									
	Rast=180"x1"									
89/06/22 DOY=173										
Event # = 11602	DOY=173		End times							
89/06/22 07:15	Start	Peak								
Optical										
G0ES	07:15:28	07:15:32	07:15:40							
HXRBS	Peak...c/s=86									
UVSP	Wavelength=2788A									
	Ha...Class=SF									
	N16E77									
	Qual=00									
	Qual=01									
	Mac.=HSX		Carr. Lon.=277deg		H. Ang=77deg					
	Tot Cts=123		Step=0"		Pitch=+118"		Yaw=-789"			
	Exp #=91121									
	MaxkeV=144									
	Rast=180"x1"									
89/06/22 DOY=173										
Event # = 11603	DOY=173		End times							
89/06/22 09:17	Start	Peak								
Optical										
G0ES	09:12	09:17	09:22							
HXRBS	Peak...c/s=50									
UVSP	Wavelength=2788A									
Radio	Frequency(MHz)/Flux(sfu):		245/120 606/46 1415/26							
	Ha...Class=SF									
	S16E36									
	Qual=01									
	Importance=C4									
	Qual=01									
	Qual=02									
	Code=01									
	Tot Cts=862		Step=0"		Pitch=+118"		Yaw=-789"			
	Exp #=91124									
	MaxkeV=102									
	Rast=180"x1"									
89/06/22 DOY=173										
Event # = 11604	DOY=173		End times							
89/06/22 14:07	Start	Peak								
Optical										
G0ES	14:07:14	14:07:25	14:07:29							
HXRBS	Peak...c/s=53									
UVSP	Wavelength=2788A									
	N25E46									
	Qual=00									
	Qual=01									
	Mac.=DKI		Carr. Lon.=304deg		H. Ang=50deg					
	Tot Cts=101		Step=0"		Pitch=+118"		Yaw=-789"			
	Exp #=91130									
	MaxkeV=102									
	Rast=180"x1"									

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Event # = 11605  
89/06/22 14:47 DOY=173  
Start Peak End times  
Optical  
GOES 14:41 14:47 14:53  
HXRBs 14:44:36 14:44:55 14:50:16  
BCS 14:47 14:58 15:44  
FCS  
UVSP 14:50  
Radio Sweeps  
Radio Frequency (MHz)/Flux(sfu):  
Type/Intensity:  
III/3  
Wave length=1375A Code=02 Exp #=91131  
1415/40 2695/83 4995/150 8800/230 15400/160  
Mac.=DKI Carr. Lon.=300deg H. Ang=54deg  
#Peaks=1 dt= 7.7s XEN=917300  
Step=20" Cad= 230s 1.024s/pixel  
Step=5" Pitch=5" Rast=265" x265" FePeak.c/s=9  
Rast=300" x300" MaxkeV=321  
Rast=265" x265" Step=5" Pitch=-10", Yaw=-961"

Event # = 11606  
89/06/22 20:57 DOY=173  
Start Peak End times  
Optical  
GOES 20:56:55 20:57:15 20:57:35  
HXRBs 21:01  
UVSP  
Radio Sweeps  
Radio Frequency (MHz)/Flux(sfu):  
Type/Intensity:  
V/3  
Wave length=1375A Code=00 Exp #=91153  
245/760  
Mac.=AXX Carr. Lon.=285deg H. Ang=63deg  
MaxkeV=144  
Rast=265" x265" Step=5" Pitch=-10", Yaw=-961"

Event # = 11607  
89/06/22 21:28 DOY=173  
Start Peak End times  
Optical  
GOES 21:17 21:28 21:43  
HXRBs 21:19:32 21:20:18 21:21:09  
UVSP 21:22  
Radio Sweeps  
Radio Frequency (MHz)/Flux(sfu):  
Type/Intensity:  
III/3 V/2  
Wave length=1375A Code=00 Exp #=91156  
245/760  
Mac.=AXX Carr. Lon.=270deg H. Ang=76deg  
MaxkeV=102  
Rast=110" x200" Step=5" Pitch=-48", Yaw=-989"

Event # = 12568  
89/06/22 23:10 DOY=173  
Start Peak End times  
Optical  
GOES 23:06 23:10 23:13  
HXRBs 23:06:12 23:06:41 23:08:07  
UVSP 23:09  
Radio Sweeps  
Radio Frequency (MHz)/Flux(sfu):  
Type/Intensity:  
III/3 V/2  
Wave length=1375A Code=00 Exp #=91165  
245/760  
Mac.=DKI Carr. Lon.=300deg H. Ang=50deg  
MaxkeV=102  
Rast=265" x265" Step=5" Pitch=-10", Yaw=-961"

Event # = 11608  
89/06/23 00:13 DOY=174  
Start Peak End times  
Optical  
GOES 00:09 00:13 00:15  
HXRBs 00:10:38 00:11:47 00:12:04  
UVSP 00:09  
Radio Sweeps  
Radio Frequency (MHz)/Flux(sfu):  
Type/Intensity:  
III/3 V/2  
Wave length=1375A Code=00 Exp #=91170  
245/760  
Mac.=DKI Carr. Lon.=305deg H. Ang=45deg  
MaxkeV=187  
Rast=110" x200" Step=5" Pitch=-88", Yaw=-989"





Event # = 11615		DOY=174		SMM Pointing:		S19E32		Pitch=+152", Yaw=+555", Roll=-20deg		H. Ang=37deg	
89/06/23, 06:12	Start	06:12:48	06:12:56	06:13:09	End times	Qual=00	Qual=01				
GUES				Peak...c/s=48		MaxkeV=102					
HXRBS				Wavelength=2788A		Rast=180"x1"		Step=0"	Pitch=+31"		Yaw=+486"
UVSP								Exp #=91188			
Event # = 11616		DOY=174		SMM Pointing:		S19E31		Pitch=+156", Yaw=+544", Roll=-20deg		H. Ang=37deg	
89/06/23, 07:48	Start	07:48:25	07:48:42	07:49:00	End times	Qual=01	Qual=01				
GUES				Peak...c/s=53		MaxkeV=144					
HXRBS				Wavelength=2788A		Rast=180"x1"		Step=0"	Pitch=+35"		Yaw=+475"
UVSP				Frequency(MHz)/Flux(sfu): 410/740 2695/13 4995/25 8800/22 15400/30				Exp #=91190			
Event # = 11617		DOY=174		SMM Pointing:		S19E28		Pitch=+168", Yaw=+512", Roll=-20deg		H. Ang=35deg	
89/06/23, 12:38	Start	12:37:35	12:38:14	12:38:18	End times	Qual=02	Qual=01				
Optical				Ha...Class=SF		Mac.=DAO					
GUES				Peak...c/s=48		MaxkeV=102		Carr. Lon.=357deg			H. Ang=27deg
HXRBS				Wavelength=1375A		Rast=30"x30"		Step=5"	Pitch=+253"		Yaw=+602"
UVSP								Exp #=91198			
Event # = 23000		DOY=174		CaPeak.c/s=24		Qual=00		FePeak.c/s=10		#Peaks=1	
89/06/23, 13:58	Start	13:56	13:58	14:04	End times	Qual=4	Qual=4	Rast=0"x0"	Cad=1.02s	XEN=917401	
GUES				Wave length=1375A				Rast=265"x265"	Pitch=-532"		Yaw=+314"
BGS								Exp #=91203			
FCS											
UVSP											
Event # = 23001		DOY=174		CaPeak.c/s=30		Qual=00		FePeak.c/s=9		#Peaks=1	
89/06/23, 15:32	Start	15:27	15:32	15:41	End times	Qual=4	Qual=4	Rast=0"x0"	Cad=1.02s	XEN=917402	
GUES				Wave length=1375A				Rast=265"x265"	Pitch=-528"		Yaw=+305"
BGS								Exp #=91210			
FCS											
UVSP											
Event # = 23002		DOY=174		CaPeak.c/s=49		Qual=00		FePeak.c/s=11		#Peaks=1	
89/06/23, 17:02	Start	17:01	17:02	17:05	End times	Qual=1	Qual=1	Rast=0"x0"	Cad=1.02s	XEN=917403	
GUES				Wave length=1375A				Rast=265"x265"	Pitch=-525"		Yaw=+295"
BGS								Exp #=91217			
FCS											
UVSP											
Event # = 23003		DOY=174		CaPeak.c/s=33		Qual=00		FePeak.c/s=8		#Peaks=1	
89/06/23, 21:53	Start	21:50	21:53	22:19	End times	Qual=1	Qual=1	Rast=0"x0"	Cad=1.02s	XEN=917404	
Optical				Wave length=1375A				Rast=30"x30"	Pitch=-546"		Yaw=+308"
GUES								Exp #=91235			
BGS											
FCS											
UVSP											

Event # = 11618			
89/06/23, 23:59	D0Y=174		
Start	Peak		
SMM Pointing: N27E29 Pitch=+406", Yaw=+401", Roll=90deg H. Ang=37deg			
Optical			Mac. =HSX Carr. Lon.=4deg H. Ang=38deg
			Carr. Lon.=316deg H. Ang=23deg
GOES 23:55	23:59		
	23:56:38	00:02	
HXRBS 23:56:34	23:56:38	23:57:50	
UVSP 23:51			
			Tot Cts=1247 MaxKeV=102 Rast=30"x30" Step=5" Pitch=+445", Yaw=+428"
			Exp #=91246
89/06/24 D0Y=175			
Event # = 23004			
89/06/24, 00:53	D0Y=175		
Start	Peak		
SMM Pointing: N27E29			
Optical			Mac. =HSX Carr. Lon.=9deg H. Ang=42deg
			#Peaks=1 dt= 7.7s XEN=917500
GOES 00:50	00:53	00:56	
	00:51	01:00	
BGS 00:44	00:51		
FCS 00:48	03:49	04:03	
UVSP 03:42			
			FePeak.c/s=7 Rast=0"x0" Step=0" dt= 7.7s XEN=917502
			CaPeak.c/s=31 Rast=180"x1" Pitch=-524", Yaw=+259"
			Wavelength=1375A Code=00 Exp #=91249
89/06/24, 03:26 D0Y=175			
Event # = 23005			
89/06/24, 03:26	D0Y=175		
Start	Peak		
SMM Pointing: N26E29			
Optical			Mac. =EKI Carr. Lon.=301deg H. Ang=37deg
			#Peaks=1 dt= 7.7s XEN=917502
GOES 03:18	03:26	03:33	
	03:49	04:03	
BGS 03:48	03:49		
FCS 03:48	03:49		
UVSP 03:42			
			FePeak.c/s=7 Rast=0"x0" Step=0" dt= 7.7s XEN=917502
			CaPeak.c/s=36 Rast=180"x1" Pitch=-371", Yaw=+144"
			Wavelength=2788A Code=00 Exp #=91258
89/06/24, 12:29 D0Y=175			
Event # = 23006			
89/06/24, 12:29	D0Y=175		
Start	Peak		
SMM Pointing: N27E24			
Optical			Mac. =EKI Carr. Lon.=300deg H. Ang=34deg
			#Peaks=1 dt= 3.8s XEN=917504
GOES 12:25	12:29	12:33	
	12:27	12:30	
BGS 12:19	12:27		
FCS 11:45			
UVSP 11:45			
			FePeak.c/s=22 Rast=240"x240" dt= 3.8s XEN=917503
			CaPeak.c/s=115 Rast=243"x243" Step=10" Cad= 590s 1.024s/pixel
			Wavelength=2788A Code=00 Exp #=91269
89/06/24, 13:57 D0Y=175			
Event # = 23007			
89/06/24, 13:57	D0Y=175		
Start	Peak		
SMM Pointing: N27E24			
Optical			Mac. =EKI Carr. Lon.=302deg H. Ang=31deg
			#Peaks=1 dt= 3.8s XEN=917504
GOES 13:49	13:57	14:09	
	13:57	14:03	
BGS 13:56	13:57		
FCS 13:46			
UVSP 13:46			
			FePeak.c/s=30 Rast=240"x240" dt= 3.8s XEN=917504
			CaPeak.c/s=189 Rast=30"x30" Step=5" Pitch=-511", Yaw=+182"
			Wavelength=1375A Code=00 Exp #=91276
89/06/24, 16:06 D0Y=175			
Event # = 23008			
89/06/24, 16:06	D0Y=175		
Start	Peak		
SMM Pointing: N25E21			
Optical			Mac. =EKI Carr. Lon.=302deg H. Ang=31deg
			#Peaks=1 dt= 3.8s XEN=917505
GOES 16:00	16:06	16:09	
	16:09	16:22	
BGS 16:09	16:09		
FCS 16:13			
UVSP 16:13			
			FePeak.c/s=10 Rast=0"x0" dt= 3.8s XEN=917505
			CaPeak.c/s=93 Rast=265"x265" Step=5" Pitch=-465", Yaw=+143"
			Wavelength=1375A Code=02 Exp #=91284

Event # = 23009		DOY=175											
89/06/24,16:29	Start	16:29	Peak	16:31	End times	Qual=00	CaPeak.c/s=20	Wave length=1375A	FePeak=16:28	Exp #=91286	FePeak.c/s=6	#Peaks=1	dt= 7.7s
G0ES						Qual= 4					Rast=240"x240"	Step=15"	XEN=917506
BGS											Rast=30"x30"	Step=5"	Cad= 262s
FCS													1.024s/pixel
UVSP													Pitch=-462" , Yaw=+116"
Event # = 23010		DOY=175											
89/06/24,21:20	Start	21:20	Peak	21:29	End times	Qual=01	CaPeak.c/s=59	Wave length=1375A	FePeak=21:19	Exp #=91309	FePeak.c/s=12	#Peaks=1	dt= 3.8s
G0ES						Qual= 1					Rast=240"x240"	Step=15"	XEN=917507
BGS											Rast=30"x30"	Step=5"	Cad= 262s
FCS													1.024s/pixel
UVSP													Pitch=-499" , Yaw=+152"
Event # = 11619		DOY=175											
89/06/24,22:25	Start	22:25	Peak	22:31	End times	N27E16	SMM Pointing:				Pitch=-456" , Yaw=+88" , Roll=-20deg		H. Ang=29deg
Optical							Ha...Class=SF				Mac.=HSX	Carr. Lon.=9deg	H. Ang=54deg
G0ES						S20W50	Importance=C4		AR5542		MaxkeV=102		
HXRBS						Qual=04	Peak...c/s=55		Tot Cts=248		FePeak.c/s=10	#Peaks=1	dt= 3.8s
BGS						Qual=01	CaPeak.c/s=64		FePeak=22:20		Rast=0"x0"	Step=0"	XEN=917508
FCS						Qual= 4					Rast=265"x265"	Step=5"	Cad=1.02s
UVSP							Wave length=1375A	Code=00	Exp #=91312				1.024s/pixel
Event # = 11620		DOY=176											
89/06/25,03:52	Start	03:52	Peak	03:57	End times	89/06/25	SMM Pointing:				Pitch=-443" , Yaw=+55" , Roll=-20deg		H. Ang=28deg
Optical						N27E14	Ha...Class=SN				Mac.=EKI	Carr. Lon.=303deg	H. Ang=28deg
G0ES						N27E13	Importance=M1		AR5555		MaxkeV=102	Flags=EN	
HXRBS						Qual=03	Peak...c/s=91		Tot Cts=3024		FePeak.c/s=215	#Peaks=1	dt= 3.8s
BGS						Qual=03	CaPeak.c/s=804		FePeak=03:50		Rast=0"x0"	Step=0"	XEN=917600
FCS						Qual= 1					Rast=180"x1"	Step=0"	Cad=1.02s
UVSP							Wave length=2788A	Code=00	Exp #=91331				1.024s/pixel
Event # = 23011		DOY=176											
89/06/25,08:20	Start	08:20	Peak	08:25	End times	N27E10	SMM Pointing:				Pitch=-436" , Yaw=+31"		H. Ang=27deg
Optical						Qual=01	Ha...Class=SF				Mac.=EKI	Carr. Lon.=304deg	H. Ang=27deg
G0ES						Qual= 1	Importance=C2		AR5555		FePeak.c/s=15	#Peaks=1	dt= 7.7s
BGS							CaPeak.c/s=32		FePeak=08:18		Rast=0"x0"	Step=0"	XEN=917601
FCS											Rast=70"x70"	Step=5"	Cad=1.02s
UVSP							Wave length=1375A	Code=00	Exp #=91338				1.024s/pixel
Event # = 23012		DOY=176											
89/06/25,08:41	Start	08:41	Peak	08:49	End times	N28E09	SMM Pointing:				Pitch=-294" , Yaw=-55"		H. Ang=27deg
Optical						Qual=02	Ha...Class=SF				Mac.=EKI	Carr. Lon.=305deg	H. Ang=27deg
G0ES						Qual= 1	Importance=C2		AR5555		FePeak.c/s=10	#Peaks=1	dt= 7.7s
BGS							CaPeak.c/s=36		FePeak=08:30		Rast=0"x0"	Step=0"	XEN=917602
FCS											Rast=180"x1"	Step=0"	Cad=1.02s
UVSP							Wave length=2788A	Code=00	Exp #=91339				1.024s/pixel



Event # = 23014		DOY=177													
89/06/26,10:07	Peak	10:07	10:30	Importance=C2	Code=00	Qual=02	FePeak=10:02	Exp #=91419	FePeak.c/s=11	Rast=0"x0"	Rast=70"x70"	#Peaks=1	dt= 7.7s	XEN=917702	
GOES	Start	10:07	10:30	CaPeak.c/s=37	Code=00	Qual=02	Exp #=91419					Step=5"	Cad=1.02s	1.024s/pixel	
BCS	Start	10:01	10:30	Wavelength=1375A	Code=00	Qual=02	Exp #=91419					Step=5"	Pitch=-419"	Yaw=-130"	
FCS	Start	10:01	10:30												
UVSP	Start	09:55	10:30												
Event # = 11625		DOY=177		SMM Pointing: N27W05											
89/06/26,15:20	Peak	15:20:20	15:22:22	Peak...c/s=49	Code=00	Qual=02	Tot Cts=681	Exp #=91436	MaxkeV=144	Rast=30"x30"	Pitch=-404"	Flags=SA	Pitch=-203"	Roll=-20deg	H.Ang=25deg
GOES	Start	15:19:48	15:22:22	Wavelength=1375A	Code=00	Qual=02	Exp #=91436								
HXRBS	Start	15:19:48	15:22:22												
UVSP	Start	15:08	15:22:22												
Event # = 11626		DOY=177		SMM Pointing: N27W08											
89/06/26,21:10	Peak	21:10	21:14	Ha...Class=2B	Code=00	Qual=03	AR5569		Pitch=-328"	Yaw=-249"	Roll=-20deg	H.Ang=26deg			
Optical	Start	21:06	21:14	Importance=C9	Code=00	Qual=03	AR5569		Mac.=DS0	Carr. Lon.=266deg	H.Ang=32deg				
GOES	Start	21:06:39	21:08:34	Peak...c/s=129	Code=00	Qual=01	Tot Cts=5062	Exp #=91462	MaxkeV=102	Rast=30"x30"	Step=5"	Pitch=-398"	Yaw=-185"		
HXRBS	Start	21:06:39	21:08:34	Wavelength=1375A	Code=00	Qual=01	Exp #=91462								
UVSP	Start	21:02	21:10:07												
Event # = 11627		DOY=178		SMM Pointing: N27W10											
89/06/27,00:12	Peak	00:12	00:17	Ha...Class=SN	Code=00	Qual=01	AR5559		Pitch=-320"	Yaw=-271"	Roll=-20deg	H.Ang=26deg			
Optical	Start	00:08	00:17	Importance=C6	Code=00	Qual=01	AR5559		Mac.=DS0	Carr. Lon.=266deg	H.Ang=31deg				
GOES	Start	00:08:53	00:09:14	Peak...c/s=66	Code=00	Qual=01	Tot Cts=1019	Exp #=91476	MaxkeV=102	Rast=10"x10"	Step=0"	Pitch=-325"	Yaw=-228"		
HXRBS	Start	00:08:53	00:09:14	Wavelength=1375A	Code=00	Qual=01	Exp #=91476								
UVSP	Start	00:03	00:10:27												
Event # = 11628		DOY=178		SMM Pointing: N18E17											
89/06/27,13:40	Peak	13:40	13:52	Ha...Class=SF	Code=00	Qual=04	AR5555		Pitch=-326"	Yaw=+163"	Roll=-20deg	H.Ang=23deg			
Optical	Start	13:35	13:52	Importance=C4	Code=00	Qual=04	AR5555		Mac.=EKI	Carr. Lon.=298deg	H.Ang=28deg				
GOES	Start	13:37:18	13:38:44	Peak...c/s=51	Code=00	Qual=01	Tot Cts=458	Exp #=91503	MaxkeV=102	Rast=265"x265"	Step=5"	Pitch=-322"	Yaw=+173"		
HXRBS	Start	13:37:18	13:38:44	Wavelength=1375A	Code=00	Qual=01	Exp #=91503								
UVSP	Start	13:39	13:38:44												
Event # = 23015		DOY=178		SMM Pointing: N20E16											
89/06/27,18:37	Peak	18:37	18:59	Ha...Class=SN	Code=00	Qual=03	AR5569		Mac.=DS0	Carr. Lon.=266deg	H.Ang=23deg				
Optical	Start	18:17	18:59	Importance=C5	Code=00	Qual=03	AR5569								
GOES	Start	18:16	18:59	CaPeak.c/s=199	Code=00	Qual=1	FePeak=18:32	Exp #=91530	FePeak.c/s=30	Rast=180"x180"	#Peaks=1	dt= 7.7s	XEN=917800		
BCS	Start	18:33	19:15	Wavelength=1375A	Code=00	Qual=1	Exp #=91530		Rast=10"x10"	Step=0"	Pitch=-345"	Cad= 332s	1.024s/pixel		
FCS	Start	18:35	19:15												
UVSP	Start	18:35	19:15												

Event # = 23016		DOY=178		End times		H. Ang=23deg	
89/06/27, 20:04	Start	20:04	Peak	20:06		266deg	
Optical							
G0ES							
BCS							
FCS							
UVSP							
Ha...Class=SF		N20E15		AR5569		Mac.=DSO	
CaPeak.c/s=32		Qual=00		FePeak=20:04		#Peaks=1 dt= 7.7s XEN=917801	
Wavelength=1375A		Qual=1		Exp #=91537		Rast=240"x240" Cad= 262s 1.024s/pixel	
						Step=5" Pitch=-346", Yaw=+118"	
SMM Pointing:		N18E13				Pitch=-306", Yaw=+100", Roll=-20deg H. Ang=20deg	
Peak...c/s=162		Qual=01		Tot Cts=454		Flags=FS	
Wavelength=2788A		Qual=01		Exp #=91544		Step=0" Pitch=-170", Yaw=+24"	
Radio Frequency(MHz)/Flux(sfu):		606/660		Event # = 11629			
Peak...c/s=87		Qual=01		Tot Cts=520		MaxkeV=144	
Associated							
89/06/28		DOY=179					
Event # = 23017		DOY=179		End times		H. Ang=20deg	
89/06/28, 05:40	Start	05:40	Peak	05:48		267deg	
Optical							
G0ES							
BCS							
FCS							
UVSP							
Ha...Class=SF		N21E09		AR5569		Mac.=DAI	
CaPeak.c/s=25		Qual=00		FePeak=05:39		#Peaks=1 dt= 7.7s XEN=917900	
Wavelength=2788A		Qual=1		Exp #=91553		Rast=180"x180" Cad= 332s 1.024s/pixel	
						Step=0" Pitch=-150", Yaw=-30"	
SMM Pointing:		N18E08				Pitch=-279", Yaw=+27", Roll=-20deg H. Ang=17deg	
Peak...c/s=51		N19W77		AR5544		Mac.=AXX	
Wavelength=2788A		Qual=01		Tot Cts=363		Carr. Lon.=352deg	
Radio Frequency(MHz)/Flux(sfu):		245/40 410/200 606/110 1415/15 2695/11		Exp #=91556		MaxkeV=102	
Peak...c/s=47		Qual=5		Tot Cts=104		Rast=243"x243" Step=3" Pitch=-272", Yaw=+39"	
Associated				FePeak=11:57			
89/06/28, 11:57		DOY=179		End times		H. Ang=16deg	
89/06/28, 11:57	Start	11:57	Peak	11:58:06		264deg	
Optical							
G0ES							
HXRBS							
BCS							
FCS							
UVSP							
Ha...Class=SF		N21E08		AR5569		Mac.=DAI	
CaPeak.c/s=20		Qual=01		Tot Cts=104		#Peaks=1 dt= 7.7s XEN=917901	
Wavelength=1375A		Qual=5		FePeak=11:57		Rast=180"x180" Cad= 332s 1.024s/pixel	
				Exp #=91562		Step=5" Pitch=-306", Yaw=-95"	
SMM Pointing:		N18E03				Pitch=-264", Yaw=-11", Roll=-20deg H. Ang=16deg	
Peak...c/s=47		N29W29		AR5555		Mac.=EKI	
Wavelength=2788A		Qual=02		Tot Cts=713		Carr. Lon.=298deg	
Radio Frequency(MHz)/Flux(sfu):		245/40 410/200 606/110 1415/15 2695/11		Exp #=91568		Flags=SA	
Peak...c/s=47		Qual=02		Tot Cts=713		Step=0" Pitch=-113", Yaw=-123"	
Associated				Exp #=91568			
89/06/28, 16:45		DOY=179		End times		H. Ang=16deg	
89/06/28, 16:45	Start	16:43:40	Peak	16:46:11		250deg	
Optical							
G0ES							
HXRBS							
UVSP							
Ha...Class=SN		N18E03		AR5555		Mac.=EKI	
CaPeak.c/s=47		Qual=02		Tot Cts=713		#Peaks=1 dt= 7.7s XEN=917901	
Wavelength=2788A		Qual=02		Exp #=91568		Rast=180"x1" Step=0" Pitch=-113", Yaw=-123"	

Event # = 11634										
89/06/28, 17:40	DOY=179	Peak	SMM Pointing:		N18E02	Pitch=-244", Yaw=-59", Roll=-20deg		H. Ang=15deg		
Optical			Ha...Class=SF		S19W43	Carr. Lon.=312deg		H. Ang=47deg		
GOES	17:37	17:40	Importance=C2		Qual=01					
HXRBS	17:37:50	17:38:38	Peak...c/s=47		Qual=01					
UVSP	17:16	17:39:05	Wave length=2788A		Code=01	Step=0" Pitch=-112", Yaw=-127"				
Event # = 11635										
89/06/28, 17:48	DOY=179	Peak	SMM Pointing:		N18E02	Pitch=-244", Yaw=-59", Roll=-20deg		H. Ang=15deg		
Optical			Ha...Class=SF		N27W29	Carr. Lon.=298deg		H. Ang=37deg		
GOES	17:45	17:48	Importance=C3		Qual=03					
HXRBS	17:45:30	17:45:48	Peak...c/s=52		Qual=01					
UVSP	18:16	17:46:17	Wave length=2788A		Code=01	Step=0" Pitch=-109", Yaw=-135"				
Event # = 11636										
89/06/28, 18:22	DOY=179	Peak	SMM Pointing:		N18E02	Pitch=-244", Yaw=-59", Roll=-20deg		H. Ang=15deg		
Optical			Ha...Class=SN		N20E03	Carr. Lon.=266deg		H. Ang=18deg		
GOES	18:05	18:22	Importance=M2		Qual=04					
HXRBS	18:19:27	18:19:48	Peak...c/s=185		Qual=03	MaxkeV=102		Flags=EN, SA		
BCS	18:56	18:57	CaPeak.c/s=108		Qual=5	FePeak.c/s=8		#Peaks=1 dt= 3.8s		XEN=917903
FCS		19:57	Peak3...c/s=-1			Rast=240"x240"		Step=15" Cad= 262s		1.024s/pixel
UVSP	18:16		Wave length=2788A		Code=00	Rast=180"x1"		Step=0" Pitch=-109", Yaw=-135"		
Radio	Frequency (MHz)/Flux (sfu):		1415/4200 2695/3700 4995/4400 8800/290 15400/100		Exp #=91570					
Event # = 11637										
89/06/29, 03:29	DOY=180	Peak	SMM Pointing:		N18W03	Pitch=-219", Yaw=-133", Roll=-20deg		H. Ang=16deg		
Optical			Ha...Class=IN		N28W28	Carr. Lon.=292deg		H. Ang=37deg		
GOES	03:00	03:29	Importance=C7		Qual=03					
HXRBS	02:54:23	02:54:50	Peak...c/s=46		Qual=01	MaxkeV=102		#Peaks=1 dt= 3.8s		XEN=918000
BCS	04:52	04:53	CaPeak.c/s=42		Qual=1	Rast=180"x180"		Step=10" Cad= 332s		1.024s/pixel
FCS		05:00	Wave length=2788A		Code=02	Rast=180"x1"		Step=0" Pitch=-82", Yaw=-210"		
UVSP	03:31		Wave length=2788A		Code=02					
Radio	Frequency (MHz)/Flux (sfu):		245/84 410/24 606/27		Exp #=91608					
Event # = 11639										
89/06/29, 21:27	DOY=180	Peak	SMM Pointing:		N21W15	Pitch=-193", Yaw=-318", Roll=-20deg		H. Ang=23deg		
Optical			Ha...Class=2B		N28W44	Carr. Lon.=298deg		H. Ang=49deg		
GOES	21:03	21:27	Importance=M4		Qual=04					
HXRBS	21:09:44	21:12:14	Peak...c/s=2009		Qual=02	MaxkeV=859		Flags=M5, I, SN		
GRS	21:10:00	21:17:00	Wave length=2788A		Code=01	Rast=180"x1"		Step=0" Pitch=-59", Yaw=-387"		Dur=420sec
UVSP	21:03		Type/Intensity:		Exp #=91679					
Radio	Frequency (MHz)/Flux (sfu):		245/3890 410/89 606/97 1415/310 2695/770 4995/1100 8800/690 15400/400							



Event # = 11640  
89/06/29, 22:02 DOY=180 Peak  
Optical SMM Pointing: N21W15 Pitch=-193", Yaw=-318", Roll=-20deg H. Ang=23deg  
Start End times Code=LPS Carr. Lon.=298deg H. Ang=49deg  
GOES N27W45 AR5555 MaxkeV=102  
HXRBS 22:02:40 22:02:44 22:03:00 Peak...c/s=56 Wavelength=2788A Rast=180"x1" Step=0" Pitch=-56", Yaw=-395"  
UVSP 22:03 Exp #=91680

89/06/30 DOY=181  
Event # = 11641  
89/06/30, 04:03 DOY=181 Peak  
Optical SMM Pointing: N21W19 Pitch=-175", Yaw=-367", Roll=-20deg H. Ang=25deg  
Start End times Qual=00  
GOES N27W45 AR5555 MaxkeV=102  
HXRBS 04:03:09 04:03:47 04:04:03 Peak...c/s=49 Wavelength=2788A Rast=180"x1" Step=0" Pitch=-40", Yaw=-442"  
UVSP 04:13 Exp #=91688

Event # = 11642  
89/06/30, 07:24 DOY=181 Peak  
Optical SMM Pointing: N21W20 Pitch=-168", Yaw=-389", Roll=-20deg H. Ang=27deg  
Start End times Qual=00  
GOES N27W45 AR5555 MaxkeV=231  
HXRBS 07:11:05 07:24:13 07:28:09 Peak...c/s=173 Wavelength=1375A Rast=265"x265" Step=5" Pitch=-157", Yaw=-387"  
UVSP 08:03 Type/Intensity: I1/2 Flags=EN  
Radio Sweeps 245/43 1415/350 2695/620 4995/450 8800/200 15400/120  
Radio Frequency(MHz)/Flux(stu):

Event # = 11643  
89/06/30, 13:19 DOY=181 Peak  
Optical SMM Pointing: N21W24 Pitch=-151", Yaw=-435", Roll=-20deg H. Ang=29deg  
Start End times Qual=00  
GOES N27W45 AR5555 MaxkeV=102  
HXRBS 13:19:29 13:19:40 13:19:44 Peak...c/s=52 Wavelength=1375A Rast=30"x30" Step=5" Pitch=-162", Yaw=-428"  
UVSP 13:18 Exp #=91704

Event # = 11644  
89/06/30, 13:21 DOY=181 Peak  
Optical SMM Pointing: N21W24 Pitch=-151", Yaw=-435", Roll=-20deg H. Ang=29deg  
Start End times Qual=00  
GOES N27W45 AR5555 MaxkeV=102  
HXRBS 13:21:16 13:21:22 13:21:34 Peak...c/s=48 Wavelength=1375A Rast=30"x30" Step=5" Pitch=-162", Yaw=-428"  
UVSP 13:18 Exp #=91704

Event # = 11645  
89/06/30, 13:22 DOY=181 Peak  
Optical SMM Pointing: N21W24 Pitch=-151", Yaw=-435", Roll=-20deg H. Ang=29deg  
Start End times Qual=00  
GOES N27W45 AR5555 MaxkeV=102  
HXRBS 13:22:06 13:22:10 13:22:18 Peak...c/s=54 Wavelength=1375A Rast=30"x30" Step=5" Pitch=-162", Yaw=-428"  
UVSP 13:18 Exp #=91704

Event # = 11646  
89/06/30, 13:37 DOY=181 Peak  
Optical SMM Pointing: N21W24 Pitch=-151", Yaw=-435", Roll=-20deg H. Ang=29deg  
Start End times Qual=01  
GOES N20W23 AR5559 MaxkeV=102  
HXRBS 13:29 13:37 13:40 Ha...Class=SF Carr. Lon.=268deg H. Ang=28deg  
UVSP 13:29:55 13:30:24 13:33:12 Importance=C6 MaxkeV=102  
HXRBS 13:29:55 13:30:24 13:33:12 Peak...c/s=136 Wavelength=1375A Code=01 Rast=30"x30" Step=5" Pitch=-162", Yaw=-428"  
UVSP 13:18 Wavelength=1375A Associated Event # = 11647  
HXRBS 13:33:59 13:35:19 13:36:12 Peak...c/s=79 Qual=01 Tot Cts=1183 MaxkeV=102

Event # = 11648			
89/06/30, 14:21	DOY=181		
Start	Peak		
Optical		SMM Pointing:	N20W25
GOES 14:15	14:21	Ha...Class=SF	N18W23
HXRBS 14:15:41	14:16:43	Importance=C7	Qual=03
UVSP 14:17		Peak...c/s=91	Qual=01
		WaveLength=1375A	Code=00
			Tot Cts=3824
			Exp #=91707
		Pitch=-147", Yaw=-445", Roll=-20deg	H. Ang=30deg
		Mac.=EAI	Carr. Lon.=267deg
		MaxkeV=102	H. Ang=27deg
		Rast=30"x30"	Step=5" Pitch=-163", Yaw=-444"
Event # = 11649			
89/06/30, 15:02	DOY=181		
Start	Peak		
Optical		SMM Pointing:	N20W25
GOES 14:50	15:02	Ha...Class=SN	N18W23
HXRBS 14:54:54	15:00:36	Importance=M3	S19E77
UVSP 14:17		Peak...c/s=3750	Qual=04
		WaveLength=1375A	Code=02
			Tot Cts=1.01E+5
			MaxkeV=689
			Flags=M5, SA, FS
			Dur=60sec
			XEN=918101
			dt= 7.7s
			Cad= 332s
			Step=10" Step=5" Pitch=-152", Yaw=-458"
			4995/260 8800/190 15400/330
			FePeak.c/s=491 #Peaks=3
			Rast=180"x180" Step=10" Cad= 332s
			Rast=30"x30" Step=5" Pitch=-152", Yaw=-458"
			4995/260 8800/190 15400/330
			FePeak.c/s=9 #Peaks=1 dt= 7.7s
			Rast=0"x0" Step=0" Cad=3840s
			XEN=918102
			3840s/pixel
Event # = 11650			
89/06/30, 16:44	DOY=181		
Start	Peak		
Optical		SMM Pointing:	N21W25
GOES 16:40	16:44	Ha...Class=SN	N21W22
HXRBS 16:41:03	16:42:10	Importance=C3	Qual=03
UVSP 16:22		Peak...c/s=66	Qual=11
		WaveLength=1375A	Code=00
			Exp #=91711
			Tot Cts=1760
			Exp #=91718
			Event # = 12569
			Tot Cts=273
			Flags=I
			MaxkeV=102
			Rast=30"x30" Step=5" Pitch=-143", Yaw=-459"
			4995/260 8800/190 15400/330
			FePeak.c/s=9 #Peaks=1 dt= 7.7s
			Rast=0"x0" Step=0" Cad=3840s
			XEN=918102
			3840s/pixel
Event # = 11652			
89/06/30, 17:22	DOY=181		
Start	Peak		
Optical		SMM Pointing:	N20W26
GOES 17:19	17:22	Ha...Class=SF	N18W25
HXRBS 17:20:58	17:21:14	Importance=C4	Qual=01
UVSP 17:22		Peak...c/s=111	Qual=01
		WaveLength=1375A	Code=02
			Exp #=91721
			Tot Cts=1264
			Exp #=91721
			Event # = 11651
			Tot Cts=249
			Exp #=91719
			Associated
			Qual=01
			WaveLength=1375A
			Code=00
			Exp #=91723
			Tot Cts=20907
			Exp #=91723
			Flags=M5, ES
			MaxkeV=231
			Rast=30"x30" Step=5" Pitch=-150", Yaw=-468"
			4995/100 8800/120 15400/72
			FePeak.c/s=42 #Peaks=1 dt= 7.7s
			Rast=0"x0" Step=0" Cad=3840s
			XEN=918102
			3840s/pixel
Event # = 11653			
89/06/30, 17:39	DOY=181		
Start	Peak		
Optical		SMM Pointing:	N20W26
GOES 17:36	17:39	Ha...Class=SN	N19W24
HXRBS 17:37:03	17:37:45	Importance=M2	Qual=03
UVSP 17:38		Peak...c/s=656	Qual=03
		WaveLength=1375A	Code=00
			Exp #=91723
			Tot Cts=20907
			Exp #=91723
			Flags=M5, ES
			MaxkeV=231
			Rast=30"x30" Step=5" Pitch=-150", Yaw=-468"
			4995/100 8800/120 15400/72
			FePeak.c/s=42 #Peaks=1 dt= 7.7s
			Rast=0"x0" Step=0" Cad=3840s
			XEN=918102
			3840s/pixel

Event # = 23021  
89/06/30,18:09 DOY=181  
Start Peak  
GOES 18:09 18:14 18:10 Qual=00  
BCS FePeak=18:10 Qual= 5  
FCS CaPeak.c/s=22 FePeak=18:10  
UVSP Wavelength=1375A Exp #=91725  
FePeak.c/s=5 #Peaks=1 dt= 7.7s XEN=918105  
Rast=180"x180" Cad= 332s Step=10" 1.024s/pixel  
Rast=30"x30" Pitch=-179",Yaw=-440" Step=5"

Event # = 11654  
89/06/30,19:43 DOY=181  
Start Peak  
GOES 19:43:35 19:44:06 19:44:06 Qual=00  
HXRBS Peak...c/s=61 Peak...c/s=61 Tot Cts=209  
UVSP Wavelength=1375A Wavelength=1375A Exp #=91732  
MaxkeV=102  
Rast=30"x30" Step=5" Pitch=-131",Yaw=-471"  
Pitch=-135",Yaw=-478",Roll=-20deg H.Ang=32deg

Event # = 23022  
89/06/30,20:21 DOY=181  
Start Peak  
Optical 20:21 20:24 20:21 AR5569  
GOES Ha...Class=SF N21W24 Qual=00  
BCS CaPeak.c/s=25 CaPeak.c/s=25 FePeak=20:21  
FCS Wavelength=1375A Qual= 5  
UVSP Wavelength=1375A Exp #=91733  
Mac.=EAI Carr.Lon.=265deg H.Ang=30deg  
FePeak.c/s=6 #Peaks=1 dt= 7.7s XEN=918106  
Rast=240"x240" Cad= 262s Step=15" 1.024s/pixel  
Rast=265"x265" Pitch=5" Step=5" Pitch=-125",Yaw=-476"

89/07/01 DOY=182

Event # = 23023  
89/07/01,00:24 DOY=182  
Start Peak  
Optical 00:17 00:24 00:24 AR5572  
GOES Ha...Class=SF S16F64 Qual=00  
BCS CaPeak.c/s=26 CaPeak.c/s=26 FePeak=00:26  
FCS Peak3..c/s=-1 Peak3..c/s=-1  
UVSP Wavelength=2788A Wavelength=2788A Exp #=91756  
Mac.=DSO Carr.Lon.=175deg H.Ang=66deg  
FePeak.c/s=9 #Peaks=1 dt= 7.7s XEN=918200  
Rast=0"x0" Cad=1.02s Step=0" 1.024s/pixel  
Rast=180"x1" Pitch=+11",Yaw=-332" Step=0"

Event # = 23024  
89/07/01,15:38 DOY=182  
Start Peak  
Optical 15:38 15:38 15:49 AR5569  
GOES Ha...Class=SF N21W36 Qual=00  
BCS CaPeak.c/s=21 CaPeak.c/s=21 FePeak=15:38  
FCS Wavelength=1375A Qual= 5  
UVSP Wavelength=1375A Exp #=91780  
Mac.=EAI Carr.Lon.=266deg H.Ang=39deg  
FePeak.c/s=6 #Peaks=1 dt= 7.7s XEN=918201  
Rast=240"x240" Cad= 262s Step=15" 1.024s/pixel  
Rast=30"x30" Pitch=-63",Yaw=-616" Step=5"

Event # = 11655  
89/07/01,22:49 DOY=182  
Start Peak  
GOES 22:46 22:49 22:51 Qual=01  
HXRBS 22:47:05 22:47:09 22:47:20 Importance=C2  
BCS 22:47 22:48 22:50 Peak...c/s=47  
FCS CaPeak.c/s=51 CaPeak.c/s=51 Tot Cts=104  
UVSP Wavelength=1375A Code=00 Exp #=91815 FePeak=22:47  
Wavelength=1375A  
Pitch=-108",Yaw=-660",Roll=-20deg H.Ang=45deg  
MaxkeV=102 #Peaks=1 dt= 3.8s XEN=918202  
FePeak.c/s=13 Step=15" Cad= 262s 1.024s/pixel  
Rast=240"x240" Step=5" Pitch=-104",Yaw=-620"

Event # = 11656		89/07/02			DOY=183	
89/07/02,00:17	DOY=183	SMM Pointing:	N23W43		Pitch=-608", Yaw=+310", Roll=88deg	H. Ang=46deg
Optical	Start	End times				
G0ES	00:10	00:17	Ha...Class=SF	N26E85	Mac.=HSX	Carr. Lon.=141deg
HXRBS	00:11:11	00:12:09	Importance=C4	Qual=01		
UVSP	00:15	00:13:46	Peak...c/s=59	Qual=01	MaxkeV=102	H. Ang=84deg
			Wavelength=1375A	Code=00	Rast=30"x30"	
					Step=5"	Pitch=-559", Yaw=+275"
Event # = 23025		89/07/02,08:17			DOY=183	
89/07/02,08:17	DOY=183	SMM Pointing:	N21W44		Mac.=EAI	Carr. Lon.=265deg
Optical	Start	End times				
G0ES	08:17	08:22	Ha...Class=SN	N21W44		H. Ang=46deg
BCS	08:17	08:17	CaPeak.c/s=34	Qual=5		
FCS					FePeak.c/s=12	#Peaks=1
UVSP	08:43		Wavelength=2788A		Rast=240"x240"	dt=7.7s
					Rast=180"x1"	XEN=918300
					Step=15"	Cad=262s
					Step=0"	Pitch=+43", Yaw=-532"
Event # = 23026		89/07/02,11:36			DOY=183	
89/07/02,11:36	DOY=183	SMM Pointing:	N20W50		Mac.=EAI	Carr. Lon.=269deg
Optical	Start	End times				
G0ES	11:36	11:38	Ha...Class=SF	N20W50		H. Ang=52deg
BCS	11:36	11:36	CaPeak.c/s=19	Qual=00		
FCS				Qual=4	FePeak.c/s=8	#Peaks=1
UVSP	11:49		Wavelength=2788A		Rast=240"x240"	dt=7.7s
					Rast=180"x1"	XEN=918301
					Step=15"	Cad=262s
					Step=0"	Pitch=+48", Yaw=-548"
Event # = 23027		89/07/02,11:45			DOY=183	
89/07/02,11:45	DOY=183	SMM Pointing:	N20W50		Mac.=EAI	Carr. Lon.=269deg
Optical	Start	End times				
G0ES	11:41	11:48	Ha...Class=SF	N20W50		H. Ang=52deg
BCS	11:43	11:45	Importance=C2	Qual=01		
FCS			CaPeak.c/s=46	Qual=1	FePeak.c/s=10	#Peaks=1
UVSP	11:49		Wavelength=2788A		Rast=240"x240"	dt=3.8s
					Rast=180"x1"	XEN=918302
					Step=15"	Cad=262s
					Step=0"	Pitch=+48", Yaw=-548"
Event # = 11657		89/07/02,23:29			DOY=183	
89/07/02,23:29	DOY=183	SMM Pointing:	N23W55		Pitch=-70", Yaw=-785", Roll=-20deg	H. Ang=56deg
Optical	Start	End times				
G0ES	23:24	23:31	Ha...Class=SF	N21E69	Mac.=HSX	Carr. Lon.=144deg
HXRBS	23:25:26	23:26:04	Importance=C3	Qual=01		
UVSP	23:28	23:27:12	Peak...c/s=73	Qual=01	MaxkeV=102	H. Ang=69deg
			Wavelength=1375A	Code=00	Rast=30"x30"	
					Step=5"	Pitch=-34", Yaw=-788"
Event # = 11659		89/07/03,01:40			DOY=184	
89/07/03,01:40	DOY=184	SMM Pointing:	N22W56		Pitch=-736", Yaw=+308", Roll=88deg	H. Ang=58deg
Optical	Start	End times				
G0ES	01:34	01:42	Ha...Class=SF	S14E44	Mac.=DSO	Carr. Lon.=168deg
HXRBS	01:35:28	01:36:48	Importance=C7	Qual=03		
GRS	01:35:00	01:36:00	Peak...c/s=1725	Qual=01	MaxkeV=419	H. Ang=47deg
UVSP	01:31		Wavelength=1375A		Flags=M5,FS	
Radio	Frequency(MHz)/Flux(sfu):		606/32 1415/110 2695/130 8800/170 15400/140		Step=5"	Dur=60sec
			Associated Event # = 11660		Pitch=-850", Yaw=+400"	
HXRBS	01:38:39	01:39:40	Peak...c/s=73	Qual=01	MaxkeV=144	

89/07/04 DOY=185

Event # = 11658  
 89/07/04, 00:02 Start DOY=185 Peak  
 SMM Pointing: N22W68 Pitch=-825", Yaw=+311", Roll=88deg H. Ang=69deg  
 Optical Ha...Class=1B AR5575 Carr. Lon.=147deg H. Ang=54deg  
 GOES 23:59 00:02 00:13 N22E52 Qual=01  
 HXRBS 23:59:58 00:00:43 00:03:19 Peak...c/s=18090 Qual=11 Tot Cts=2.90E+5 MaxkeV=576 Dur=60sec  
 GRS 00:00:00 00:01:00 Wave length=1375A Code=02 Exp #=91931 Rast=265"x265" Step=5" Pitch=-818", Yaw=+324"  
 UVSP 00:03 Frequency(MHz)/Flux(sfu): 245/3400 410/590 606/370 1415/130 2695/150 4995/400 8800/350 15400/700

Event # = 11661  
 89/07/04, 14:46 Start DOY=185 Peak  
 SMM Pointing: N23W76 Pitch=-39", Yaw=-914", Roll=-20deg H. Ang=75deg  
 Optical Ha...Class=SF AR5575 Carr. Lon.=148deg H. Ang=46deg  
 GOES 14:42 14:46 14:49 N24E43 Qual=03  
 HXRBS 14:43:19 14:43:52 14:44:36 Peak...c/s=294 Qual=01 Tot Cts=5717 MaxkeV=187  
 UVSP 14:45 Wavelength=2788A Code=00 Exp #=91980 Rast=180"x1" Step=0" Pitch=+96", Yaw=-732"  
 Radio Frequency(MHz)/Flux(sfu): 8800/57 15400/110

89/07/05 DOY=186

Event # = 23028  
 89/07/05, 05:24 Start DOY=186 Peak  
 SMM Pointing: N03W00 Pitch=+0", Yaw=-1", Roll=-20deg H. Ang=0deg  
 Optical Ha...Class=SF S16E17 Carr. Lon.=166deg H. Ang=26deg  
 GOES 05:18 05:24 05:39 N02E43 Qual=05 FePeak.c/s=12 dt= 7.7s XEN=918600  
 BCS 05:32 05:32 05:45 CaPeak.c/s=35 Qual= 5 Rast=0"x0" Cad=1.02s 1.024s/pixel  
 FCS Wavelength=2788A Exp #=92017 Step=0" Pitch=+63", Yaw=+493"  
 UVSP 04:39

Event # = 11662  
 89/07/05, 16:48 Start DOY=186 Peak  
 SMM Pointing: N03W00 Pitch=+0", Yaw=-1", Roll=-20deg H. Ang=0deg  
 Optical Ha...Class=IN AR5575 Carr. Lon.=145deg H. Ang=37deg  
 GOES 16:45 16:48 17:00 N23E32 Qual=03 MaxkeV=275 Flags=SA  
 HXRBS 16:45:52 16:45:55 16:48:02 Peak...c/s=413 Qual=02 Rast=180"x1" Step=0" Pitch=-2", Yaw=+0"  
 UVSP 16:59 Wavelength=2788A Exp #=92032

Event # = 11663  
 89/07/05, 18:28 Start DOY=186 Peak  
 SMM Pointing: N03W00 Pitch=+0", Yaw=-1", Roll=-20deg H. Ang=0deg  
 GOES 18:23 18:28 18:32 Qual=01 MaxkeV=102  
 HXRBS 18:24:26 18:25:03 18:25:46 Peak...c/s=107 Qual=01 Tot Cts=1103 Step=0" Pitch=-2", Yaw=+0"  
 UVSP 18:33 Wavelength=2788A Code=02 Exp #=92034 Rast=180"x1"

Event # = 11664  
 89/07/05, 22:20 Start DOY=186 Peak  
 SMM Pointing: N25E27 Pitch=+376", Yaw=+370", Roll=87deg H. Ang=34deg  
 GOES 22:19:29 22:20:44 22:24:14 Peak...c/s=796 Qual=01 Tot Cts=37105 MaxkeV=368  
 HXRBS 22:20 Wavelength=1375A Qual=01 Exp #=92039 Rast=265"x265" Step=5" Pitch=+383", Yaw=+383"  
 UVSP

Event # = 11667	89/07/06	DOY=187			89/07/06	DOY=187		
89/07/06, 23:03	Start	DOY=187	SMM Pointing:	N04W00			Pitch=+0", Yaw=+0", Roll=-20deg	H. Ang=0deg
GOES		Peak	End times					
HXRBS	23:02:53	23:03:41	23:04:34	Qual=00	Tot Cts=1187		MaxkeV=144	
UVSP	22:58			Qual=01	Exp #=92080		Rast=243"x243" Step=3" Pitch=+7", Yaw=+13"	
Event # = 11668	89/07/07	DOY=188			89/07/07	DOY=188		
89/07/07, 00:52	Start	DOY=188	SMM Pointing:	N25E13			Pitch=+179", Yaw=+354", Roll=87deg	H. Ang=25deg
Optical		Peak	End times					
GOES	00:46	00:52	00:56	Ha...Class=SF	AR5572		Mac.=DAI	H. Ang=25deg
HXRBS	00:48:34	00:48:59	00:50:22	Importance=C4			Carr. Lon.=168deg	
UVSP	00:52			Peak...c/s=85	Tot Cts=2183		MaxkeV=102	
				Wave length=1375A	Exp #=92089		Rast=10"x10" Step=0" Pitch=+165", Yaw=+311"	
Event # = 12570	89/07/07	DOY=188			89/07/07	DOY=188		
89/07/07, 03:35	Start	DOY=188	SMM Pointing:	N25E12			Pitch=-387", Yaw=+48", Roll=-20deg	H. Ang=24deg
Optical		Peak	End times					
GOES	03:30	03:35	03:38	Ha...Class=SF	AR5572		Mac.=DAI	H. Ang=26deg
HXRBS	03:34:27	03:37:13	03:37:42	Importance=C4			Carr. Lon.=168deg	
UVSP	03:28			Peak...c/s=56	Tot Cts=1210		MaxkeV=187	
				Wave length=2788A	Exp #=92096		Rast=180"x1" Step=0" Pitch=-251", Yaw=+228"	
Event # = 11673	89/07/07	DOY=188			89/07/07	DOY=188		
89/07/07, 04:06	Start	DOY=188	SMM Pointing:	N25E12			Pitch=-387", Yaw=+48", Roll=-20deg	H. Ang=24deg
Optical		Peak	End times					
GOES	04:00	04:06	04:10	Ha...Class=SF	AR5572		Mac.=DAI	H. Ang=26deg
HXRBS	04:02:48	04:03:18	04:04:22	Importance=C3			Carr. Lon.=168deg	
UVSP	04:25			Peak...c/s=66	Tot Cts=982		MaxkeV=102	
				Wave length=2788A	Exp #=92097		Rast=180"x1" Step=0" Pitch=-248", Yaw=+221"	
Event # = 11674	89/07/08	DOY=189			89/07/08	DOY=189		
89/07/08, 14:17	Start	DOY=189	SMM Pointing:	N25W07			Pitch=-290", Yaw=-212", Roll=-20deg	H. Ang=22deg
Optical		Peak	End times					
GOES	14:16:59	14:17:06	14:17:14	Ha...Class=SF	AR5572		Mac.=DAI	H. Ang=30deg
HXRBS	14:19			Importance=C1			Carr. Lon.=156deg	
UVSP				Peak...c/s=98	Tot Cts=534		MaxkeV=275	
				Wave length=2788A	Exp #=92157		Rast=180"x1" Step=0" Pitch=-154", Yaw=-33"	
Event # = 11675	89/07/08	DOY=189			89/07/08	DOY=189		
89/07/08, 22:00	Start	DOY=189	SMM Pointing:	S17W33			Pitch=-471", Yaw=-349", Roll=87deg	H. Ang=38deg
Optical		Peak	End times					
GOES	21:56	22:00	22:03	Ha...Class=SF	AR5579		Mac.=DAO	H. Ang=39deg
HXRBS	21:56:57	21:57:17	21:57:36	Importance=C1			Carr. Lon.=97deg	
UVSP	21:48			Peak...c/s=53	Tot Cts=360		MaxkeV=102	
				Wave length=1375A	Exp #=92172		Rast=10"x10" Step=0" Pitch=-562", Yaw=-247"	

Event # = 23030		89/07/09		DOY=190	
89/07/09	01:27	DOY=190	Peak		
Optical	Start	End times			
GOES	01:13	02:00	Ha...Class=2B	S20W35	AR5572
BCS	01:51	02:33	Importance=M5	Qual=05	
FCS			CaPeak.c/s=117	Qual=5	FePeak=01:54
UVSP	01:45		WaveLength=2788A		Exp #=92193
Event # = 12703		89/07/09		DOY=190	
89/07/09	10:23	DOY=190	Peak		
Optical	Start	End times			
GOES	10:23:49	10:23:53	SMM Pointing:	S17W39	
HXRBS	09:41		Peak...c/s=72	Qual=01	Tot Cts=59
UVSP			WaveLength=1375A		Exp #=92203
Event # = 11676		89/07/09		DOY=190	
89/07/09	13:21	DOY=190	Peak		
Optical	Start	End times			
GOES	13:20:53	13:22:22	SMM Pointing:	S17W40	
HXRBS	13:28		Ha...Class=SF	N27E28	AR5582
UVSP			Peak...c/s=51	Qual=01	
			WaveLength=2788A	Qual=01	Tot Cts=585
					Exp #=92208
Event # = 11680		89/07/10		DOY=191	
89/07/10	21:29	DOY=191	Peak		
Optical	Start	End times			
GOES	21:29:20	21:29:55	SMM Pointing:	S17W59	
HXRBS	21:22		Peak...c/s=45	Qual=00	
UVSP			WaveLength=1375A	Qual=01	Tot Cts=110
					Exp #=92273
Event # = 11679		89/07/11		DOY=192	
89/07/11	06:35	DOY=192	Peak		
Optical	Start	End times			
GOES	06:32	06:38	SMM Pointing:	S17W62	
HXRBS	06:32:53	06:32:57	Ha...Class=SF	N24W42	AR5575
UVSP	07:06		Importance=C1	Qual=01	
			Peak...c/s=42	Qual=01	Tot Cts=68
			WaveLength=2788A		Exp #=92301
Event # = 11681		89/07/12		DOY=193	
89/07/12	21:23	DOY=193	Peak		
Optical	Start	End times			
GOES	21:22:53	21:23:47	SMM Pointing:	S10W19	
HXRBS	21:37		Peak...c/s=49	Qual=00	
UVSP			WaveLength=2788A	Qual=01	Tot Cts=415
					Exp #=92388
Event # = 11682		89/07/13		DOY=194	
89/07/13	00:34	DOY=194	Peak		
Optical	Start	End times			
GOES	00:34:37	00:35:02	SMM Pointing:	S10W21	
HXRBS	00:42		Peak...c/s=42	Qual=00	
UVSP			WaveLength=2788A	Qual=01	Tot Cts=102
					Exp #=92392

Event # = 11684  
 89/07/16, 17:19 Start DOY=197  
 SMM Pointing: N27E10  
 Ha...Class=SN S13E71  
 Peak...c/s=110 Qual=03  
 WaveLength=1375A  
 Type/Intensity: V/2  
 HXRBS 17:19:34 17:19:47 17:20:09  
 UVSP 17:20  
 Radio Sweeps  
 Pitch=-389", Yaw=+7", Roll=-20deg  
 Mac.=HSX Carr. Lon.=320deg  
 MaxkeV=187 Flags=M5  
 Rast=265"x265" Step=5" Pitch=-378", Yaw=+12"

Event # = 12571  
 89/07/17, 00:12 Start DOY=198  
 SMM Pointing: N27E06  
 Ha...Class=IF S14E89  
 Importance=C2 Qual=01  
 Peak...c/s=45 Qual=01  
 WaveLength=2788A Code=02  
 III/1  
 Type/Intensity: ---  
 HXRBS 00:04:52 00:05:01 00:05:33  
 HXRBS 00:06:44 00:06:47 00:07:14  
 Radio Frequency(MHz)/Flux(sfu): 245/110  
 Associated Event # = 11685  
 Qual=01 Tot Cts=332  
 Associated Event # = 11686  
 Qual=01 Tot Cts=957  
 MaxkeV=102  
 Rast=180"x1" Pitch=-232", Yaw=-122"

Event # = 11687  
 89/07/17, 05:55 Start DOY=198  
 SMM Pointing: N27E02  
 Ha...Class=SN S22W55  
 Importance=C6 Qual=01  
 Peak...c/s=373 Qual=01  
 WaveLength=1375A Code=00  
 III/3  
 Type/Intensity: ---  
 HXRBS 05:48 05:55 06:04  
 HXRBS 05:48:38 05:51:14 05:53:30  
 UVSP 05:43  
 Radio Sweeps  
 Radio Frequency(MHz)/Flux(sfu): 245/240 410/15 1415/18 2695/54 4995/130 8800/110 15400/48  
 Pitch=-352", Yaw=-91", Roll=-20deg  
 Mac.=CSO Carr. Lon.=79deg  
 MaxkeV=231  
 Rast=10"x10" Step=0" Pitch=-277", Yaw=-116"

Event # = 11688  
 89/07/18, 06:34 Start DOY=199  
 SMM Pointing: N27W11  
 Ha...Class=SN S13E48  
 Importance=C2 Qual=01  
 Peak...c/s=67 Qual=01  
 WaveLength=1375A Code=00  
 245/170  
 Type/Intensity: ---  
 HXRBS 06:27 06:34 06:39  
 HXRBS 06:27:42 06:28:33 06:29:37  
 UVSP 06:22  
 Radio Sweeps  
 Radio Frequency(MHz)/Flux(sfu): ---  
 HXRBS 06:31:59 06:32:02 06:32:57  
 Associated Event # = 11689  
 Qual=01 Tot Cts=229  
 MaxkeV=102

Event # = 11692  
 89/07/18, 21:00 Start DOY=199  
 SMM Pointing: N27W18  
 Ha...Class=SF N24E85  
 Importance=C2 Qual=03  
 Peak...c/s=39 Qual=01  
 WaveLength=2788A Code=00  
 Type/Intensity: ---  
 HXRBS 20:57 21:00 21:02  
 HXRBS 20:57:50 20:58:26 20:58:31  
 UVSP 20:56  
 Pitch=-251", Yaw=-372", Roll=-20deg  
 Mac.=BXO Carr. Lon.=277deg  
 MaxkeV=102  
 Rast=180"x1" Step=0" Pitch=-255", Yaw=-376"



89/07/19 DOY=200

Event # = 11693  
 89/07/19,04:03 DOY=200  
 Start Peak  
 SMM Pointing: N27W22  
 End times  
 Optical  
 Ha...Class=SF  
 Importance=C7  
 Peak...c/s=64  
 CapPeak.c/s=66  
 Wavelength=2788A  
 Code=01  
 Exp #=92700  
 MaxkeV=102  
 FePeak.c/s=12  
 Rast=0"x0"  
 Rast=180"x1"  
 dt= 3.8s  
 Cad=1.02s  
 Step=0"  
 Step=0"  
 Pitch=-233", Yaw=-425", Roll=-20deg  
 Carr. Lon.=283deg  
 H. Ang=31deg  
 H. Ang=75deg

Event # = 11694  
 89/07/19,21:35 DOY=200  
 Start Peak  
 SMM Pointing: S21E37  
 End times  
 Optical  
 Ha...Class=SF  
 Importance=C7  
 Peak...c/s=67  
 Wavelength=2788A  
 Code=01  
 Exp #=92735  
 MaxkeV=144  
 Rast=180"x1"  
 dt= 3.8s  
 Cad=1.02s  
 Step=0"  
 Step=0"  
 Pitch=+191", Yaw=+632", Roll=-20deg  
 Carr. Lon.=275deg  
 H. Ang=44deg  
 H. Ang=74deg

89/07/20 DOY=201

Event # = 12572  
 89/07/20,00:10 DOY=201  
 Start Peak  
 SMM Pointing: S21E36  
 End times  
 Optical  
 Ha...Class=SF  
 Importance=C1  
 Peak...c/s=102  
 Wavelength=2788A  
 Code=01  
 Exp #=92739  
 MaxkeV=144  
 Rast=180"x1"  
 dt= 3.8s  
 Cad=1.02s  
 Step=0"  
 Step=0"  
 Pitch=+196", Yaw=+619", Roll=-20deg  
 Carr. Lon.=327deg  
 H. Ang=43deg  
 H. Ang=25deg

Event # = 11695  
 89/07/20,11:33 DOY=201  
 Start Peak  
 SMM Pointing: S21E29  
 End times  
 Optical  
 Ha...Class=1N  
 Importance=M1  
 Peak...c/s=40  
 Wavelength=1375A  
 Code=01  
 Exp #=92755  
 MaxkeV=102  
 Rast=265"x265"  
 dt= 3.8s  
 Cad=1.02s  
 Step=5"  
 Step=5"  
 Pitch=+231", Yaw=+538", Roll=-20deg  
 Carr. Lon.=276deg  
 H. Ang=38deg  
 H. Ang=65deg

Event # = 8412  
 89/07/20,13:36 DOY=201  
 Start Peak  
 SMM Pointing: S21E28  
 End times  
 HXRBS 13:36:11 13:36:14 13:36:17  
 UVSP 13:47  
 Peak...c/s=36  
 Wavelength=1375A  
 Code=01  
 Exp #=92757  
 MaxkeV=368  
 Rast=265"x265"  
 dt= 3.8s  
 Cad=1.02s  
 Step=5"  
 Step=5"  
 Pitch=+245", Yaw=+534"  
 Carr. Lon.=282deg  
 H. Ang=0deg

Event # = 12573  
 89/07/20,16:57 DOY=201  
 Start Peak  
 SMM Pointing: N05W00  
 End times  
 Optical  
 Ha...Class=1N  
 Importance=C3  
 Peak...c/s=43  
 Wavelength=2788A  
 Code=01  
 Exp #=92768  
 MaxkeV=102  
 Rast=180"x1"  
 dt= 3.8s  
 Cad=1.02s  
 Step=0"  
 Step=0"  
 Pitch=-6", Yaw=+0"  
 Carr. Lon.=282deg  
 H. Ang=58deg

Event # = 11696  
 89/07/20, 20:31 DOY=201 Peak S21E24 SMM Pointing: Pitch=+256", Yaw=+479", Roll=-20deg H. Ang=35deg  
 Optical Start End times  
 GOES 20:24 20:31 20:37 Ha...Class=1B AR5597 Carr. Lon.=327deg H. Ang=23deg  
 HXRBS 20:24:55 20:27:38 20:31:59 Importance=M3 Qual=01 Tot Cts=96124 MaxKeV=469  
 GRS 20:26:00 20:28:00 Peak...c/s=2922 Qual=01 FePeak=20:30 dt= 3.8s XEN=920100  
 FCS 20:27 20:30 20:36 CaPeak.c/s=1168 Qual= 1 FePeak=20:30 Step=15" Cad= 262s 1.024s/pixel  
 UVSP 20:42 Type/Intensity: WaveLength=2788A Exp #=92773 Dur=120sec  
 Radio Sweeps V/2  
 Radio Frequency (MHz)/Flux(sfu): 245/210 410/390 606/300 1415/200 2695/170 4995/280 8800/390 15400/320 XEN=920100  
 BCS 20:36 20:36 20:38 CaPeak.c/s=41 Associated Event # = 23031 dt= 7.7s XEN=920101  
 FCS Qual= 5 FePeak=20:36 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel

89/07/21, 03:51 DOY=202 S21E20 SMM Pointing: Pitch=+279", Yaw=+424", Roll=-20deg H. Ang=32deg  
 GOES Start End times  
 HXRBS 03:50:52 03:51:14 03:51:29 Peak...c/s=51 Qual=00  
 UVSP 03:46 03:51:14 03:51:29 WaveLength=2788A Tot Cts=272 H. Ang=32deg  
 Radio Sweeps Type/Intensity: III/3 Exp #=92783  
 Event # = 11697  
 89/07/21, 05:31 DOY=202 S21E19 SMM Pointing: Pitch=+283", Yaw=+413", Roll=-20deg H. Ang=32deg  
 Optical Start End times  
 GOES 05:23 05:31 05:40 Importance=C3 Qual=01  
 HXRBS 05:23:51 05:24:16 05:24:58 Peak...c/s=47 Qual=01 Tot Cts=387 H. Ang=32deg  
 UVSP 05:15 05:24:16 05:24:58 WaveLength=1375A Code=00 Exp #=92785  
 Radio Sweeps Type/Intensity: III/3

Event # = 11700  
 89/07/21, 05:49 DOY=202 S21E19 SMM Pointing: Pitch=+283", Yaw=+413", Roll=-20deg H. Ang=32deg  
 Optical Start End times  
 GOES 05:43 05:49 05:53 Ha...Class=1B AR5597 Carr. Lon.=323deg H. Ang=21deg  
 HXRBS 05:43:30 05:44:45 05:47:33 Importance=M1 Qual=01 MaxKeV=187  
 BCS 05:44 05:47 05:55 CaPeak.c/s=312 Qual= 1 Tot Cts=7650 FePeak.c/s=76 dt= 3.8s XEN=920200  
 FCS 05:15 Type/Intensity: WaveLength=1375A Code=00 Exp #=92785 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 UVSP 05:38:25 05:38:37 05:38:47 III/3 Associated Event # = 11699 Pitch=+293", Yaw=+443"  
 Radio Sweeps V/2  
 Radio Frequency (MHz)/Flux(sfu): 245/530 410/370 606/170 1415/43 2695/68 4995/78 8800/51 15400/38  
 HXRBS 05:38:25 05:38:37 05:38:47 Peak...c/s=47 Qual=01 Tot Cts=161 MaxKeV=102

Event # = 11701  
 89/07/21, 10:20 DOY=202 S21E17 SMM Pointing: Pitch=+297", Yaw=+378", Roll=-20deg H. Ang=31deg  
 Optical Start End times  
 GOES 09:55 10:20 10:40 Importance=C3 Qual=01  
 HXRBS 10:15:41 10:15:50 10:16:31 Peak...c/s=49 Qual=01 Tot Cts=313 H. Ang=31deg  
 UVSP 09:52 10:15:50 10:16:31 WaveLength=1375A Code=00 Exp #=92791  
 Radio Sweeps Type/Intensity: III/3 MaxKeV=102  
 Radio Frequency (MHz)/Flux(sfu): 245/530 410/370 606/170 1415/43 2695/68 4995/78 8800/51 15400/38 Rast=70"x70" Step=5" Pitch=+306", Yaw=+438"

Event # = 11704  
 89/07/22, 03:20 DOY=203 Peak  
 SMM Pointing: N25E38 Pitch=-500", Yaw=+380", Roll=-20deg H.Ang=42deg  
 Optical Start End times  
 Ha...Class=SF AR5606 Mac.=BX0 Carr. Lon.=319deg H.Ang=38deg  
 GOES 03:05 03:20 03:26 Qual=01 MaxkeV=102 Rast=180"x1" Step=0" Pitch=-364", Yaw=+307"  
 HXRBS 03:15:44 03:16:14 03:16:47 Peak...c/s=43 Wave length=2788A Tot Cts=186 Exp #=92825  
 UVSP 03:30

Event # = 11702  
 89/07/22, 05:53 DOY=203 Peak  
 SMM Pointing: N25E37 Pitch=-496", Yaw=+370", Roll=-20deg H.Ang=41deg  
 GOES Start End times  
 Qual=00  
 HXRBS 05:52:48 05:53:00 05:53:10 Peak...c/s=43 MaxkeV=102 Rast=243"x243" Step=3" Pitch=-485", Yaw=+376"  
 UVSP 05:50 Wave length=2788A Tot Cts=124 Exp #=92828

Event # = 11703  
 89/07/22, 06:06 DOY=203 Peak  
 SMM Pointing: N25E37 Pitch=-496", Yaw=+370", Roll=-20deg H.Ang=41deg  
 Optical Start End times  
 Ha...Class=SF S10W07 Mac.=DAI Carr. Lon.=325deg H.Ang=17deg  
 GOES 06:02 06:06 06:12 Qual=01 MaxkeV=102 Rast=243"x243" Step=3" Pitch=-485", Yaw=+376"  
 HXRBS 06:02:39 06:03:08 06:03:31 Peak...c/s=35 Wave length=2788A Code=00 Tot Cts=191 Exp #=92828  
 UVSP 05:50

Event # = 11705  
 89/07/22, 16:47 DOY=203 Peak  
 SMM Pointing: S13W09 Pitch=+322", Yaw=-34", Roll=-20deg H.Ang=20deg  
 Optical Start End times  
 Ha...Class=SF S21F68 Mac.=DAI Carr. Lon.=244deg H.Ang=72deg  
 GOES 16:44 16:47 16:49 Qual=01 MaxkeV=102 Rast=180"x1" Step=0" Pitch=+201", Yaw=+152"  
 HXRBS 16:44:32 16:45:26 16:45:38 Peak...c/s=39 Wave length=2788A Code=01 Tot Cts=211 Exp #=92841  
 UVSP 16:22

Event # = 11706  
 89/07/22, 18:45 DOY=203 Peak  
 SMM Pointing: S13W10 Pitch=+327", Yaw=-48", Roll=-20deg H.Ang=20deg  
 Optical Start End times  
 Ha...Class=SF S17E74 Mac.=DAI Carr. Lon.=237deg H.Ang=76deg  
 GOES 18:41 18:45 18:49 Qual=01 MaxkeV=102 Rast=180"x1" Step=0" Pitch=+209", Yaw=+130"  
 HXRBS 18:42:38 18:43:04 18:43:20 Peak...c/s=52 Wave length=2788A Code=02 Tot Cts=393 Exp #=92844  
 UVSP 18:54 Type/Intensity: V/2

Event # = 23029  
 89/07/22, 20:59 DOY=203 Peak  
 SMM Pointing: S13W12 Carr. Lon.=322deg H.Ang=22deg  
 Optical Start End times  
 Ha...Class=SF S13W12 Mac.=DAI Carr. Lon.=322deg H.Ang=22deg  
 GOES 20:45 20:59 21:07 Qual=05 FePeak.c/s=5 #Peaks=1 dt= 7.7s XEM=920300  
 BCS 21:10 21:11 21:16 CaPeak.c/s=23 Qual= 4 Rast=0" x0" Step=0" Cad=1.02s 1.024s/pixel  
 FCS Step=5" Pitch=+343", Yaw=-61"  
 UVSP 21:15 Wave length=1375A Exp #=92855

89/07/24		DOY=205		89/07/24		DOY=205	
Event # = 11707	89/07/24, 10:30	DOY=205	Peak	SMM Pointing:	S32W27	Pitch=+652", Yaw=-149", Roll=-20deg	H. Ang=45deg
GOES	10:30:31	10:30:47	10:30:51	End times	Qual=00	MaxkeV=102	
HXRBS	10:15				Qual=01	Rast=70"x70"	
UVSP					Peak...c/s=43	Step=5"	Pitch=+561", Yaw=-197"
					WaveLength=1375A	Exp #=92919	
Event # = 11708	89/07/24, 17:59	DOY=205	Peak	SMM Pointing:	S13W38	Pitch=+451", Yaw=-440", Roll=-20deg	H. Ang=42deg
GOES	17:58:24	17:59:02	17:59:12	End times	Qual=00	MaxkeV=102	
HXRBS	18:05				Qual=01	Rast=265"x265"	
UVSP					Peak...c/s=42	Step=5"	Pitch=+463", Yaw=-428"
					WaveLength=1375A	Exp #=92929	
Event # = 11709	89/07/24, 21:33	DOY=205	Peak	SMM Pointing:	S13W40	Pitch=+460", Yaw=-460", Roll=-20deg	H. Ang=43deg
GOES	21:33:13	21:33:20	21:33:33	End times	Qual=00	MaxkeV=102	
HXRBS	21:02				Qual=01	Rast=70"x70"	
UVSP					Peak...c/s=45	Step=5"	Pitch=+490", Yaw=-450"
					WaveLength=1375A	Exp #=92941	
Event # = 11710	89/07/25, 00:37	DOY=206	Peak	SMM Pointing:	S13W42	Pitch=+466", Yaw=-481", Roll=-20deg	H. Ang=45deg
GOES	00:25	00:37	00:49	End times	Qual=03	MaxkeV=102	
HXRBS	00:29:56	00:30:20	00:32:56	Importance=C7	Qual=01	Rast=180"x1"	
UVSP	00:48			Peak...c/s=45		Step=0"	Pitch=+347", Yaw=-300"
				WaveLength=2788A		Exp #=92945	
Event # = 12574	89/07/25, 02:06	DOY=206	Peak	SMM Pointing:	S13W42	Pitch=+469", Yaw=-491", Roll=-20deg	H. Ang=46deg
Optical	02:01	02:06	02:09	End times	N30W81	Mac.=DAO	
GOES	02:02:17	02:02:30	02:03:25		Qual=01	Carr. Lon.=1deg	H. Ang=80deg
HXRBS	01:21				Qual=01	MaxkeV=144	
UVSP					Peak...c/s=81	Rast=180"x1"	Pitch=+348", Yaw=-304"
					WaveLength=2788A	Step=0"	
					Associated	Flags=I	
HXRBS	02:04:45	02:05:02	02:05:32	Peak...c/s=41	Qual=01	MaxkeV=102	
						Exp # = 12575	
						Tot Cts=255	
Event # = 11711	89/07/25, 04:56	DOY=206	Peak	SMM Pointing:	S13W44	Pitch=+474", Yaw=-511", Roll=-20deg	H. Ang=47deg
GOES	04:52	04:56	04:58	End times	Qual=01	MaxkeV=231	
HXRBS	04:53:06	04:53:19	04:54:50	Importance=C3	Qual=01	Rast=243"x243"	
UVSP	04:48			Peak...c/s=231	Code=00	Step=3"	Pitch=+481", Yaw=-498"
				WaveLength=2788A		Exp #=92951	
Event # = 11712	89/07/25, 06:26	DOY=206	Peak	SMM Pointing:	S13W45	Pitch=+477", Yaw=-521", Roll=-20deg	H. Ang=48deg
Optical	06:21	06:26	06:32	End times	N23W00	Mac.=DR0	
GOES	06:22:18	06:23:08	06:23:34		Qual=01	Carr. Lon.=278deg	H. Ang=18deg
HXRBS	06:16				Qual=01	MaxkeV=102	
UVSP					Peak...c/s=39	Rast=70"x70"	
					WaveLength=1375A	Step=5"	Pitch=+441", Yaw=-549"

Event # = 11713			SMM Pointing:			Pitch=+486", Yaw=-556", Roll=-20deg			H.Ang=51deg		
89/07/25	12:23	DOY=206	Start	End times	S13W48						
GOES			12:23:36	12:23:57	Qual=00						
HXRBS			12:23:48	12:23:57	Peak...c/s=42						
UVSP			12:22		Wavelength=1375A						
GOES			12:23:48	12:23:57	Tot Cts=128						
HXRBS			12:23:48	12:23:57	Exp #=92960						
UVSP			12:22								
GOES			12:23:36	12:23:57	MaxkeV=102						
HXRBS			12:23:48	12:23:57	Rast=265"x265"						
UVSP			12:22		Step=5"						
GOES			12:23:36	12:23:57	Pitch=+493"						
HXRBS			12:23:48	12:23:57	Yaw=-543"						
UVSP			12:22								
Event # = 11714			SMM Pointing:			Pitch=+486", Yaw=-556", Roll=-20deg			H.Ang=51deg		
89/07/25	13:50	DOY=206	Start	End times	S13W48						
GOES			13:47	13:53	Qual=05						
HXRBS			13:51:01	13:51:33	Qual=01						
UVSP			13:56		Code=02						
Radio Sweeps					Wavelength=1375A						
GOES			13:51:01	13:51:33	Importance=C2						
HXRBS			13:51:01	13:51:33	Peak...c/s=38						
UVSP			13:56		Wavelength=1375A						
Radio Sweeps					III/I						
GOES			13:51:01	13:51:33	Tot Cts=175						
HXRBS			13:51:01	13:51:33	Exp #=92962						
UVSP			13:56								
GOES			13:51:01	13:51:33	MaxkeV=102						
HXRBS			13:51:01	13:51:33	Rast=265"x265"						
UVSP			13:56		Step=5"						
GOES			13:51:01	13:51:33	Pitch=+496"						
HXRBS			13:51:01	13:51:33	Yaw=-551"						
UVSP			13:56								
Event # = 11715			SMM Pointing:			Pitch=+489", Yaw=-566", Roll=-20deg			H.Ang=52deg		
89/07/25	15:55	DOY=206	Start	End times	S13W49						
Optical					N30W90						
GOES			15:46	15:58	Qual=01						
HXRBS			15:48:29	15:50:00	Qual=01						
UVSP			15:30		Code=00						
Radio Sweeps					Associated						
GOES			15:46	15:58	Event # = 11716						
HXRBS			15:48:29	15:50:00	Tot Cts=716						
UVSP			15:30		Exp #=92965						
Radio Sweeps					Event # = 11716						
GOES			15:46	15:58	Tot Cts=257						
HXRBS			15:48:29	15:50:00							
UVSP			15:30								
Event # = 11717			SMM Pointing:			Pitch=+492", Yaw=-576", Roll=-20deg			H.Ang=53deg		
89/07/25	17:16	DOY=206	Start	End times	S13W50						
GOES			17:05	17:27	Qual=03						
HXRBS			17:06:32	17:09:51	Qual=01						
UVSP			17:04		Code=00						
Radio Sweeps					Associated						
GOES			17:06:32	17:09:51	Tot Cts=1111						
HXRBS			17:06:32	17:09:51	Exp #=92967						
UVSP			17:04		Event # = 11718						
Radio Sweeps					Tot Cts=562						
GOES			17:06:32	17:09:51	MaxkeV=102						
HXRBS			17:06:32	17:09:51	Rast=70"x70"						
UVSP			17:04		Step=5"						
GOES			17:06:32	17:09:51	Pitch=+507"						
HXRBS			17:06:32	17:09:51	Yaw=-595"						
UVSP			17:04								
Event # = 23032			SMM Pointing:			Pitch=-130", Yaw=-935", Roll=-20deg			H.Ang=86deg		
89/07/25	18:56	DOY=206	Start	End times	N28W88						
GOES			18:55	18:58	Qual=00						
BCS			18:55	18:58	Qual=4						
FCS			18:55	18:58	CaPeak.c/s=23						
UVSP			18:35		Wavelength=1375A						
GOES			18:55	18:58	FePeak=18:56						
BCS			18:55	18:58	Exp #=92969						
FCS			18:55	18:58							
UVSP			18:35								
Event # = 11719			SMM Pointing:			Pitch=-130", Yaw=-935", Roll=-20deg			H.Ang=86deg		
89/07/25	20:09	DOY=206	Start	End times	N28W88						
GOES			20:08	20:09	Qual=01						
HXRBS			20:08:45	20:09:05	Qual=01						
UVSP			20:07		Code=01						
Radio Sweeps					Wavelength=1375A						
GOES			20:08:45	20:09:05	Importance=C2						
HXRBS			20:08:45	20:09:05	CaPeak.c/s=42						
UVSP			20:07		Wavelength=1375A						
GOES			20:08:45	20:09:05	Tot Cts=129						
HXRBS			20:08:45	20:09:05	Exp #=92971						
UVSP			20:07								
Event # = 23033			SMM Pointing:			Pitch=-141", Yaw=-939"			H.Ang=86deg		
89/07/25	23:13	DOY=206	Start	End times	N28W88						
GOES			23:09	23:32	Qual=01						
BCS			23:11	23:35	Qual=1						
FCS			23:11	23:35	Code=01						
UVSP			22:56		Wavelength=2788A						
Radio Sweeps											
GOES			23:09	23:32	FePeak=23:12						
BCS			23:11	23:35	Exp #=92973						
FCS			23:11	23:35							
UVSP			22:56								
Event # = 23034			SMM Pointing:			Pitch=-141", Yaw=-939"			H.Ang=86deg		
89/07/25	23:13	DOY=206	Start	End times	N28W88						
GOES			23:09	23:32	Qual=01						
BCS			23:11	23:35	Qual=1						
FCS			23:11	23:35	Code=01						
UVSP			22:56		Wavelength=2788A						
Radio Sweeps											
GOES			23:09	23:32	FePeak.c/s=9						
HXRBS			23:09	23:32	Rast=240"x240"						
UVSP			22:56		Step=15"						
Radio Sweeps					Step=0"						
GOES			23:09	23:32	#Peaks=1						
HXRBS			23:09	23:32	dt= 7.7s						
UVSP			22:56		XEN=920601						
Radio Sweeps					Cad= 262s						
GOES			23:09	23:32	Pitch=+4"						
HXRBS			23:09	23:32	Yaw=-750"						
UVSP			22:56								

Event # = 12576		89/07/26		DOY=207			
89/07/26,00:43		DOY=207		N28W88		Pitch=-130",Yaw=-935",Roll=-20deg H.Ang=86deg	
GOES	00:36	00:43	00:51	Qual=04		MaxkeV=102	Flags=I
HXRBS	00:37:40	00:39:02	00:39:44	Qual=01	Tot Cts=971	FePeak.c/s=24	#Peaks=1
BCS	00:38	00:41	00:57	Qual=1	FePeak=00:40	Rast=240"x240"	Step=15"
FCS						Pitch=180"x1"	Step=0"
UVSP	00:28					dt= 3.8s	XEN=920700
BCS	00:38	00:41	00:57	Code=00	Exp #=92975	Cad= 262s	1.024s/pixel
FCS				Wavelength=2788A	Associated Event # = 23034	Pitch=+4",Yaw=-750"	
				CaPeak.c/s=118	Qual=1	FePeak.c/s=24	#Peaks=1
						dt= 3.8s	XEN=920700
						Rast=240"x240"	Step=15"
						Cad= 262s	1.024s/pixel
Event # = 23035		89/07/26,01:06		DOY=207			
GOES	01:05	01:06	01:14	Qual=01		FePeak.c/s=10	#Peaks=1
HXRBS	01:27	01:30	01:33	Qual=1	FePeak=01:06	Rast=240"x240"	Step=15"
BCS						Pitch=180"x1"	Step=0"
FCS						dt= 7.7s	XEN=920701
UVSP	01:27				Exp #=92976	Cad= 262s	1.024s/pixel
						Pitch=+4",Yaw=-750"	
Event # = 11720		89/07/26,01:25		DOY=207			
Optical						Pitch=-130",Yaw=-935",Roll=-20deg	H.Ang=86deg
GOES	01:21	01:25	01:34	N28W88		Mac.=DAI	Carr.Lon.=323deg
HXRBS	01:21:14	01:21:33	01:21:43	S16W56	AR5597		
BCS	01:27	01:30	01:33	Qual=03		MaxkeV=102	
FCS				Qual=01	Tot Cts=130	FePeak.c/s=7	#Peaks=1
UVSP	01:27			Qual=3	FePeak=01:29	Rast=240"x240"	Step=15"
						Pitch=180"x1"	Step=0"
						dt= 7.7s	XEN=920702
						Cad= 262s	1.024s/pixel
						Pitch=+4",Yaw=-750"	
Event # = 23036		89/07/26,02:10		DOY=207			
GOES	02:10	02:10	02:49	Qual=00		FePeak.c/s=6	#Peaks=1
HXRBS	02:57:26	02:58:16	02:58:24	Qual=5	FePeak=02:10	Rast=240"x240"	Step=15"
BCS	03:03	03:03	03:05	Code=00	Exp #=92977	Pitch=180"x1"	Step=0"
FCS						dt= 3.8s	XEN=920703
UVSP	02:00					Cad= 262s	1.024s/pixel
						Pitch=+4",Yaw=-750"	
Event # = 11721		89/07/26,03:01		DOY=207			
Optical						Mac.=DAI	Carr.Lon.=325deg
GOES	02:57	03:01	03:06	S16W59	AR5597		
HXRBS	02:57:26	02:58:16	02:58:24	Qual=03		MaxkeV=102	
BCS	03:03	03:03	03:05	Qual=01	Tot Cts=290	FePeak.c/s=7	#Peaks=1
FCS				Qual=3	FePeak=03:04	Rast=240"x240"	Step=15"
UVSP	03:00			Code=00	Exp #=92978	Pitch=180"x1"	Step=0"
Radio Sweeps						dt= 7.7s	XEN=920704
						Cad= 262s	1.024s/pixel
						Pitch=+4",Yaw=-750"	

Event # = 23037		DOY=207									
89/07/26	11:55	Start	Peak	End times							
GOES	11:50		11:55	12:02	CaPeak.c/s=28	WaveLength=1375A	Qual=01	Qual=1	FePeak=11:52	FePeak.c/s=7	#Peaks=1
BCS										Rast=240"x240"	dt= 7.7s
FCS										Cad= 262s	XEN=920705
UVSP	11:31								Exp #=92990	Pitch=-196"	Yaw=-929"
Event # = 11722		DOY=207									
89/07/26	13:41	Start	Peak	End times	SMM Pointing:	N28W88				Pitch=-130"	Yaw=-935"
GOES	13:35		13:41	13:46	Importance=C2	Qual=01				MaxkeV=102	
HXRBS	13:34:31		13:35:09	13:36:28	Peak...c/s=81	Qual=01			Tot Cts=1548	FePeak.c/s=16	dt= 3.8s
BCS	13:36		13:40	13:52	CaPeak.c/s=102	Qual=1			FePeak=13:39	Rast=240"x240"	XEN=920706
FCS										Cad= 262s	
UVSP	13:05				WaveLength=1375A	Code=00			Exp #=92992	Pitch=-191"	Yaw=-929"
Event # = 11723		DOY=207									
89/07/26	13:54	Start	Peak	End times	SMM Pointing:	N28W88				Pitch=-130"	Yaw=-935"
GOES	13:49		13:54	14:00	Importance=C5	Qual=02				MaxkeV=187	
HXRBS	13:49:56		13:50:24	13:51:40	Peak...c/s=191	Qual=01			Tot Cts=3761	Rast=265"x265"	Pitch=-123"
BCS	14:33				WaveLength=1375A				Exp #=92993	Step=5"	Yaw=-922"
UVSP	14:33				Type/Intensity:	I11/2					
Event # = 23038		DOY=207									
89/07/26	14:31	Start	Peak	End times	CaPeak.c/s=47	WaveLength=1375A	Qual=00	Qual=5	FePeak=14:38	FePeak.c/s=9	#Peaks=1
GOES	14:29		14:31	15:11						Rast=240"x240"	dt= 7.7s
BCS										Cad= 262s	XEN=920707
FCS										Pitch=-123"	Yaw=-922"
UVSP	14:33								Exp #=92993	Step=5"	
Event # = 23039		DOY=207									
89/07/26	16:30	Start	Peak	End times	CaPeak.c/s=110	WaveLength=1375A	Qual=00	Qual=1	FePeak=16:22	FePeak.c/s=20	#Peaks=1
GOES	16:02		16:30	16:57						Rast=240"x240"	dt= 7.7s
BCS										Cad= 262s	XEN=920708
FCS										Pitch=+4"	Yaw=-834"
UVSP	16:22								Exp #=93006	Step=0"	
Event # = 23040		DOY=207									
89/07/26	17:35	Start	Peak	End times	Ha...Class=SF	S17E26	Qual=00	Qual=5	FePeak=17:44	Mac.=DSO	Carr. Lon.=232deg
Optical											H. Ang=34deg
GOES	17:34		17:35	18:12	CaPeak.c/s=33	WaveLength=1375A				FePeak.c/s=7	#Peaks=1
BCS										Rast=240"x240"	dt= 7.7s
FCS										Cad= 262s	XEN=920709
UVSP	17:38								Exp #=93011	Pitch=-123"	Yaw=-922"

Event # = 23041		89/07/26, 20:52		DOY=207		Peak		End times			
GOES	20:51	20:52	21:04	CaPeak.c/s=26	Qual=00	Qual=4	FePeak=20:52	Wavelength=2788A			
BCS											
FCS											
UVSP	20:43						Exp #=93021				
Event # = 23042		89/07/26, 21:16		DOY=207		Peak		End times			
Optical				Ha...Class=SF	S34W61	Qual=00	AR5606				
GOES	21:14	21:16	21:21	CaPeak.c/s=20	Qual=4	FePeak=21:14					
BCS											
FCS											
UVSP	20:43						Exp #=93021				
Event # = 11724		89/07/27		DOY=208		Peak		End times			
Optical				SMM Pointing:	S13W75	Qual=01					
GOES	13:51	13:55	13:57	Importance=C2	Qual=01	Tot Cts=98					
HXRBS	13:51:58	13:52:18	13:52:25	Peak...c/s=46	Qual=01	Exp #=93045					
UVSP	13:43			Wavelength=1375A	Code=00						
Event # = 11725		89/07/28		DOY=209		Peak		End times			
Optical				SMM Pointing:	S13W78	Qual=01					
GOES	00:21	00:29	00:41	Ha...Class=SF	S18E07	AR5608					
HXRBS	00:21:30	00:22:09	00:23:13	Importance=C2	Qual=01	Tot Cts=372					
UVSP	00:11			Peak...c/s=38	Qual=01	Exp #=93086					
				Wavelength=2788A	Code=00						
Event # = 12577		89/07/29		DOY=210		Peak		End times			
Optical				SMM Pointing:	S20W12	Qual=01					
GOES	06:11	06:15	06:18	Importance=C4	Qual=01	Tot Cts=12000					
HXRBS	06:10:30	06:11:33	06:12:53	Peak...c/s=708	Qual=01	Exp #=93125					
UVSP	06:26			Wavelength=2788A	Code=00						
Radio				Frequency(MHz)/Flux(sfu):	8800/160	15400/250					
Event # = 11727		89/07/30		DOY=211		Peak		End times			
Optical				SMM Pointing:	S20W25	Qual=01					
GOES	04:51	05:01	05:16	Ha...Class=JF	S14E72	AR5619					
HXRBS	04:52:06	04:53:57	04:54:31	Importance=C5	Qual=01	Tot Cts=812					
UVSP	04:33			Peak...c/s=39	Qual=01	Exp #=93155					
				Wavelength=2788A	Code=00						



89/07/31 DOY=212

Event # = 11728 DOY=212 H. Ang = 26deg  
89/07/31, 18:00 Start Peak N19W23 Pitch = -90", Yaw = -407", Roll = -20deg  
Optical SMM Pointing: H. Ang = 80deg  
Ha...Class=SF  
Importance=M1  
Peak...c/s=44  
WaveLength=1375A  
Code=00  
Type/Intensity: III/2 V/2  
17:51 18:00 18:03  
GOES 17:50:59 17:53:53 18:00:47  
HXRBS 17:57  
UVSP  
Radio Sweeps  
MaxkeV=187  
Rast=30"x30"  
Step=5" Pitch=-105", Yaw=-389"

Event # = 11729 DOY=212 H. Ang = 28deg  
89/07/31, 20:58 Start Peak N19W25 Pitch = -83", Yaw = -431", Roll = -20deg  
Optical SMM Pointing: H. Ang = 38deg  
Ha...Class=1B  
Importance=M2  
Peak...c/s=170  
WaveLength=1375A  
Code=00  
20:55 20:58 21:05  
GOES 20:55:45 20:56:15 20:58:46  
HXRBS 20:55:45 20:56:15 20:58:46  
UVSP 20:50  
MaxkeV=187  
Rast=10"x10"  
Step=0" Pitch=-69", Yaw=-425"

89/08/01 DOY=213

Event # = 11730 DOY=213 H. Ang = 30deg  
89/08/01, 01:25 Start Peak N19W27 Pitch = -73", Yaw = -465", Roll = -20deg  
GOES Qual=00  
HXRBS Peak...c/s=103 Qual=01  
UVSP WaveLength=2788A  
01:23:24 01:25:45 01:28:18  
Total Cts=7488  
Exp #=93293  
Step=0" Pitch=+61", Yaw=-278"

Event # = 11731 DOY=213 H. Ang = 31deg  
89/08/01, 04:35 Start Peak N19W29 Pitch = -66", Yaw = -486", Roll = -20deg  
Optical SMM Pointing: H. Ang = 83deg  
Ha...Class=SF  
Importance=C2  
Peak...c/s=58  
WaveLength=2788A  
04:34:27 04:35:23 04:37:43  
GOES Qual=00  
HXRBS Peak...c/s=58 Qual=01  
UVSP WaveLength=2788A  
Total Cts=1826  
Exp #=93297  
Step=0" Pitch=+68", Yaw=-300"

Event # = 11732 DOY=213 H. Ang = 73deg  
89/08/01, 21:37 Start Peak S13E71 Pitch = -73", Yaw = +905", Roll = -20deg  
GOES Qual=01  
HXRBS Importance=C2 Qual=01  
BCS 21:30:57 21:31:21 21:32:03 dt= 7.7s XEN=921300  
FCS 21:35 21:36 21:44 CaPeak.c/s=45 Step=0" Cad=1.02s 1.024s/pixel  
UVSP 21:11 Wavelength=2788A Code=01 Exp #=93333 Step=0" Pitch=-192", Yaw=+831"  
Associated Event # = 11733  
Qual=01 Tot Cts=102  
HXRBS 21:33:46 21:33:55 21:34:07 Peak...c/s=44 MaxkeV=102

89/08/02 DOY=214

Event # = 23043 DOY=214  
89/08/02, 05:32 Start Peak Qual=01  
GOES Qual=4  
BCS 05:30 05:32 05:36 CaPeak.c/s=21 FePeak=05:31  
FCS 05:51 Wavelength=2788A Exp #=93342  
UVSP

Event # = 23044		DOY=214											
89/08/02,06:59	Start	Peak	End times										
Optical													
G0ES	06:45	06:59	07:05	Ha...Class=SF	S12E65	AR5623	Mac.=DAO	Carr. Lon.=107deg	H. Ang=67deg				
BCS	06:50	06:57	07:13	Importance=C2	Qual=01		FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=921401			
FCS				CaPeak.c/s=32	Qual= 1	FePeak=06:56	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel			
UVSP	07:25			Wavelength=2788A		Exp #=93344	Rast=180"x1"	Step=0"	Pitch=-172"	Yaw=+803"			
Event # = 23045		DOY=214											
89/08/02,07:55	Start	Peak	End times										
G0ES	07:35	07:55	08:20	Importance=C3	Qual=05		FePeak.c/s=12	#Peaks=1	dt= 3.8s	XEN=921402			
BCS	08:07	08:08	08:26	CaPeak.c/s=68	Qual= 5	FePeak=08:08	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel			
UVSP	07:58			Wavelength=2788A	Code=02	Exp #=93345	Rast=180"x1"	Step=0"	Pitch=-171"	Yaw=+801"			
Event # = 11734		DOY=214											
89/08/02,10:05	Start	Peak	End times	SMM Pointing:	S13E65		Pitch=-50"	Yaw=+870"	Roll=-20deg	H. Ang=67deg			
Optical				Ha...Class=SF	N18W45	AR5617	Mac.=DAO	Carr. Lon.=215deg	H. Ang=46deg				
Optical				Ha...Class=SF	S15E65	AR5623		Carr. Lon.=105deg	H. Ang=68deg				
G0ES	10:01	10:05	10:08	Importance=C2	Qual=03		MaxkeyV=102	#Peaks=1	dt= 7.7s	XEN=921403			
HXRBS	10:00:45	10:02:45	10:03:32	Peak...c/s=36	Qual=01	Tot Cts=468	FePeak.c/s=7	Step=0"	Cad=1.02s	1.024s/pixel			
BCS	10:05	10:05	10:07	CaPeak.c/s=21	Qual= 4	FePeak=10:05	Rast=0"x0"	Step=5"	Pitch=+3"	Yaw=+801"			
FCS							Rast=70"x70"						
UVSP	09:47			Wavelength=1375A	Code=00	Exp #=93348							
Event # = 23046		DOY=214											
89/08/02,10:27	Start	Peak	End times										
Optical				Ha...Class=SF	S14E73	AR5623	Mac.=DAO	Carr. Lon.=97deg	H. Ang=75deg				
G0ES	10:22	10:27	10:32	Importance=C3	Qual=03		FePeak.c/s=14	#Peaks=1	dt= 7.7s	XEN=921404			
BCS	10:23	10:27	10:31	CaPeak.c/s=25	Qual= 1	FePeak=10:27	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel			
FCS							Rast=70"x70"	Step=5"	Pitch=+3"	Yaw=+801"			
UVSP	09:47			Wavelength=1375A	Code=00	Exp #=93348							
Event # = 23047		DOY=214											
89/08/02,16:45	Start	Peak	End times										
Optical				Ha...Class=SF	S16E72	AR5626	Mac.=HAX	Carr. Lon.=94deg	H. Ang=75deg				
G0ES	15:20	16:45	19:00	Importance=C3	Qual=02		FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=921405			
BCS	15:50	16:16	16:16	CaPeak.c/s=52	Qual= 2	FePeak=16:06	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel			
FCS							Rast=30"x30"	Step=5"	Pitch=-52"	Yaw=+942"			
UVSP	16:30			Wavelength=1375A	Code=01	Exp #=93369	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=921406			
BCS	17:22	17:32	17:51	Associated	Qual= 4	Event # = 23048	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel			
FCS						FePeak=17:28	Rast=30"x30"	Step=5"	Pitch=-50"	Yaw=+938"			
UVSP	17:29			Wavelength=1375A		Exp #=93372							

Event # = 23049  
 89/08/02,20:43 DOY=214  
 Start Peak  
 GOES 20:43 20:49 End times  
 BCS 20:43 20:49 End times  
 FCS 20:43 20:49 End times  
 UVSP 20:44  
 Qual=00  
 FePeak=20:43  
 Exp #=93391  
 CaPeak.c/s=25  
 Wave length=1375A  
 FePeak.c/s=7  
 Rast=0"x0"  
 Rast=50"x50"  
 #Peaks=1  
 Step=0"  
 Step=5"  
 dt= 7.7s  
 Cad=1.02s  
 Pitch=-37",Yaw=+940"  
 XEN=921407  
 1.024s/pixel  
 Yaw=+940"

Event # = 12578  
 89/08/02,22:30 DOY=214  
 Start Peak  
 GOES 22:24 22:30 End times  
 HXRBS 22:25:42 22:28:10 22:28:54  
 BCS 22:27 22:29 22:41  
 FCS 22:27  
 UVSP 22:27  
 SMM Pointing: S13E58  
 Qual=03  
 Tot Cts=2950  
 FePeak=22:29  
 Exp #=93403  
 Importance=C5  
 Peak...c/s=122  
 CaPeak.c/s=266  
 Wavelength=1375A  
 Code=00  
 FePeak.c/s=56  
 Rast=240"x240"  
 Rast=30"x30"  
 Flags=I  
 #Peaks=1  
 Step=15"  
 Step=5"  
 dt= 3.8s  
 Cad= 262s  
 1.024s/pixel  
 Yaw=+937"  
 Pitch=-22",Yaw=+824",Roll=-20deg  
 H.Ang=60deg

Event # = 11735  
 89/08/02,23:59 DOY=214  
 Start Peak  
 GOES 23:56 23:59 End times  
 HXRBS 23:56:39 23:56:48 23:56:52  
 BCS 23:57 23:58 00:00  
 FCS 23:57  
 UVSP 23:50  
 SMM Pointing: S13E56  
 Qual=01  
 Tot Cts=203  
 FePeak=23:57  
 Exp #=93410  
 Importance=C2  
 Peak...c/s=74  
 CaPeak.c/s=36  
 Wavelength=1375A  
 Code=00  
 FePeak.c/s=11  
 Rast=0"x0"  
 Rast=30"x30"  
 #Peaks=1  
 Step=0"  
 Step=5"  
 dt= 7.7s  
 Cad=1.02s  
 1.024s/pixel  
 Yaw=+937"  
 Pitch=-15",Yaw=+812",Roll=-20deg  
 H.Ang=59deg

Event # = 11736  
 89/08/03,00:10 DOY=215  
 Start Peak  
 GOES 00:05:37 00:05:49 00:06:05  
 HXRBS 00:07 00:10 00:11  
 BCS 00:07 00:10 00:11  
 FCS 00:07  
 UVSP 00:01  
 SMM Pointing: S13E56  
 Qual=01  
 Tot Cts=170  
 FePeak=00:07  
 Exp #=93412  
 Importance=C2  
 Peak...c/s=45  
 CaPeak.c/s=19  
 Wavelength=1375A  
 Code=00  
 FePeak.c/s=7  
 Rast=0"x0"  
 Rast=30"x30"  
 #Peaks=1  
 Step=0"  
 Step=5"  
 dt= 7.7s  
 Cad=1.02s  
 1.024s/pixel  
 Yaw=+941"  
 Pitch=-15",Yaw=+812",Roll=-20deg  
 H.Ang=59deg

Event # = 23050  
 89/08/03,01:55 DOY=215  
 Start Peak  
 GOES 01:49 01:55 End times  
 BCS 01:51 01:52 01:58  
 FCS 01:51  
 UVSP 01:52  
 Radio Sweeps  
 Type/Intensity:  
 Frequency(MHz)/Flux(sfu):  
 410/170  
 SMM Pointing: S13E55  
 Qual=03  
 FePeak=01:52  
 Exp #=93423  
 Importance=C1  
 CaPeak.c/s=30  
 Wavelength=1375A  
 Code=00  
 FePeak.c/s=10  
 Rast=0"x0"  
 Rast=10"x10"  
 #Peaks=1  
 Step=0"  
 Step=0"  
 dt= 7.7s  
 Cad=1.02s  
 1.024s/pixel  
 Yaw=+932"  
 Pitch=-40",Yaw=+932"

Event # = 11737  
 89/08/03,03:11 DOY=215  
 Start Peak  
 GOES 03:06 03:11 End times  
 HXRBS 03:06:50 03:07:39 03:08:22  
 BCS 03:08 03:10 03:17  
 FCS 03:08  
 UVSP 03:24  
 Radio Frequency(MHz)/Flux(sfu):  
 8800/64  
 SMM Pointing: S13E55  
 Qual=01  
 Tot Cts=941  
 FePeak=03:09  
 Exp #=93425  
 Importance=C2  
 Peak...c/s=57  
 CaPeak.c/s=43  
 Wavelength=2788A  
 8800/64  
 MaxKey=102  
 FePeak.c/s=9  
 Rast=0"x0"  
 Rast=180"x1"  
 #Peaks=1  
 Step=0"  
 Step=0"  
 dt= 7.7s  
 Cad=1.02s  
 1.024s/pixel  
 Yaw=+724"  
 Pitch=-127",Yaw=+724"  
 H.Ang=58deg

Event #	Start	End times	SMM Pointing:	NOG#	DOY	Roll	Yaw	Pitch	H. Ang
89/08/04	10:05	10:09	Ha...Class=SF Importance=C3 Peak...c/s=43 Wavelength=2788A	NOG#00	216	0	-1	0	0
Optical									
GOES	10:01	10:05	S26E11 Qual=01	AR5622					
HXRBS	10:02:37	10:02:51	Peak...c/s=43						
UVSP	10:45	10:03:06	Wavelength=2788A						
Event # = 11741									
89/08/05	02:23	02:33	Ha...Class=SF Importance=C4 Peak...c/s=57 Wavelength=2788A	S13E29	217	-20	+521	-20	34
Optical									
GOES	02:15	02:23	S18W30 Qual=01	AR5612					
HXRBS	02:17:02	02:17:19	Peak...c/s=57						
UVSP	02:09	02:20:10	Wavelength=2788A						
Event # = 11742									
89/08/05	02:54	02:54:40	Ha...Class=SF Importance=C4 Peak...c/s=57 Wavelength=2788A	S13E28	217	-20	+130	-20	34
Optical									
GOES	02:54:25	02:54:32	Peak...c/s=78						
HXRBS	03:07	02:54:40	Wavelength=2788A						
UVSP									
Event # = 11743									
89/08/05	08:31	08:32:01	Ha...Class=SF Importance=M1 Peak...c/s=196 Wavelength=2788A	S13E26	217	-20	+145	-20	32
Optical									
GOES	08:31:49	08:31:55	Peak...c/s=51						
HXRBS	08:18	08:32:01	Wavelength=2788A						
UVSP									
Event # = 11744									
89/08/05	08:39	08:40:24	Ha...Class=SF Importance=C6 Peak...c/s=36 Wavelength=2788A	S13E26	217	-20	+145	-20	32
Optical									
GOES	08:39:42	08:39:58	Peak...c/s=32						
HXRBS	08:18	08:40:24	Wavelength=2788A						
UVSP									
Event # = 11745									
89/08/05	10:19	10:19:02	Ha...Class=SF Importance=C6 Peak...c/s=36 Wavelength=2788A	S13E24	217	-20	+153	-20	31
Optical									
GOES	10:19	10:23	S29W03 Qual=01	AR5622					
HXRBS	10:19:41	10:22:30	Peak...c/s=196						
UVSP	10:47	10:29:02	Wavelength=2788A						
Radio			Frequency(MHz)/Flux(sfu): 4995/91 8800/99 15400/67						
Event # = 11752									
89/08/05	19:47	19:47:58	Ha...Class=SF Importance=C6 Peak...c/s=36 Wavelength=2788A	S19E49	217	-20	+113	-20	55
Optical									
GOES	19:47	19:52	S27W07 Qual=02	AR5622					
HXRBS	19:47:06	19:47:20	Peak...c/s=36						
UVSP									

Event # = 12579	89/08/05,23:52	Start	DOY=217	Peak	End times	SMM Pointing:	S19E47	Pitch=+123", Yaw=+745", Roll=-20deg	H. Ang=53deg
Optical						Ha...Class=SF	N09W20	Mac.=DAO	H. Ang=20deg
GOES	23:52:16	23:52:47	23:53:54	Peak...c/s=39		Peak...c/s=39	Qual=00	MaxkeV=102	Flags=I
HXRBS							Qual=01	Tot Cts=555	
89/08/06 DOY=218									
Event # = 11748	89/08/06,00:52	Start	DOY=218	Peak	End times	SMM Pointing:	S19E47	Pitch=+123", Yaw=+745", Roll=-20deg	H. Ang=53deg
GOES	00:16	00:52	01:09	Importance=M3		Importance=M3	Qual=02	MaxkeV=102	
HXRBS	00:43:56	00:44:08	00:46:08	Peak...c/s=57			Qual=01	Tot Cts=1617	
89/08/06 DOY=218									
Event # = 11749	89/08/06,02:05	Start	DOY=218	Peak	End times	SMM Pointing:	S19E46	Pitch=+129", Yaw=+734", Roll=-20deg	H. Ang=52deg
Optical						Ha...Class=1N	S26E51	Mac.=BXO	H. Ang=59deg
GOES	02:00	02:05	02:10	Importance=C3		Importance=C3	Qual=01	MaxkeV=102	
HXRBS	02:03:00	02:03:31	02:05:23	Peak...c/s=79			Qual=01	Tot Cts=1106	
89/08/06 DOY=218									
Event # = 12580	89/08/06,07:51	Start	DOY=218	Peak	End times	SMM Pointing:	S19E43	Pitch=+143", Yaw=+704", Roll=-20deg	H. Ang=49deg
Optical						Ha...Class=1N	S30E51	Mac.=BXO	H. Ang=61deg
Optical						Ha...Class=SF	S27W11	Carr. Lon.=129deg	H. Ang=35deg
GOES	07:45	07:51	08:31	Importance=M3		Importance=M3	Qual=03	MaxkeV=369	Flags=I,ND
HXRBS	07:47:24	07:49:30	07:55:07	Peak...c/s=676		Peak...c/s=676	Qual=01	Tot Cts=48700	
Radio				Frequency(MHz)/Flux(sfu):		2695/28 4995/99 8800/78 15400/110			
89/08/06 DOY=218									
Event # = 12581	89/08/06,10:15	Start	DOY=218	Peak	End times	SMM Pointing:	S19E42	Pitch=+150", Yaw=+692", Roll=-20deg	H. Ang=48deg
GOES	09:58	10:15	10:35	Importance=C7		Importance=C7	Qual=02	MaxkeV=144	Flags=I
HXRBS	09:58:02	09:58:20	09:58:33	Peak...c/s=71			Qual=01	Tot Cts=401	
89/08/06 DOY=218									
Event # = 12582	89/08/06,12:17	Start	DOY=218	Peak	End times	SMM Pointing:	S19E41	Pitch=+154", Yaw=+682", Roll=-20deg	H. Ang=48deg
Optical						Ha...Class=1F	S25W17	Mac.=DAO	H. Ang=35deg
GOES	12:02	12:17	13:11	Importance=M2		Importance=M2	Qual=04	MaxkeV=275	Flags=I,SN
HXRBS	12:08:03	12:09:33	12:14:53	Peak...c/s=246		Peak...c/s=246	Qual=02	Tot Cts=22900	
Radio				Type/intensity:		IV/3		4995/360 8800/240 15400/130	
Radio				Frequency(MHz)/Flux(sfu):		245/560 410/290 606/180 1415/270 2695/1000			
HXRBS	12:17:43	12:17:57	12:18:26	Peak...c/s=47		Peak...c/s=47	Qual=01	Tot Cts=345	Flags=I
HXRBS	12:23:36	12:23:53	12:24:16	Peak...c/s=47		Peak...c/s=47	Qual=01	Tot Cts=198	Flags=I
89/08/06 DOY=218									
Event # = 12585	89/08/06,13:56	Start	DOY=218	Peak	End times	SMM Pointing:	S19E40	Pitch=+158", Yaw=+672", Roll=-20deg	H. Ang=47deg
GOES	13:56:28	13:56:43	13:56:54	Peak...c/s=40		Peak...c/s=40	Qual=00	MaxkeV=102	Flags=I
HXRBS							Qual=01	Tot Cts=167	Flags=I

Event # = 12586		89/08/06, 18:46		DOY=218		SMM Pointing:		S19E37		Pitch=+172", Yaw=+641", Roll=-20deg		H. Ang=44deg	
Optical		Start		Peak		End times		S13W02		Mac.=EAO		Carr. Lon.=114deg	
GOES		18:46:01		18:46:15		18:46:26		Qual=00		MaxkeV=102		Flags=I	
HXRBS		18:46:01		18:46:15		18:46:26		Qual=01		Tot Cts=171			
Event # = 11755		89/08/06, 23:49		DOY=218		SMM Pointing:		S19E34		Pitch=+502", Yaw=-387", Roll=90deg		H. Ang=42deg	
Optical		Start		Peak		End times		S27W22		Mac.=DAO		Carr. Lon.=132deg	
GOES		23:19		23:49		00:32		Qual=02		MaxkeV=632		Flags=M5, ES	
HXRBS		23:36:07		23:40:16		23:45:32		Qual=03		Rast=30"x30"		Step=5" Pitch=+505", Yaw=-490"	
GRS		23:39:00		23:43:00		23:43:00		Code=01		Exp #=93560		Dur=240sec	
UVSP		23:37						Associated		Event # = 11753			
Radio Sweeps								Qual=01		MaxkeV=102			
Radio								Exp #=93556		Rast=30"x30"		Step=5" Pitch=+512", Yaw=-490"	
Radio								Total Cts=4201		MaxkeV=102			
HXRBS		23:18:22		23:18:58		23:19:57		Qual=01		Rast=30"x30"		Step=5" Pitch=+512", Yaw=-490"	
UVSP		23:13						Exp #=93556		Rast=30"x30"		Step=5" Pitch=+512", Yaw=-490"	
HXRBS		23:21:56		23:23:23		23:29:41		Qual=01		Rast=30"x30"		Step=5" Pitch=+512", Yaw=-490"	
UVSP		23:13						Exp #=93556		Rast=30"x30"		Step=5" Pitch=+512", Yaw=-490"	
Event # = 11756		89/08/07, 00:32		DOY=219		SMM Pointing:		S19E34		Pitch=+193", Yaw=+598", Roll=-20deg		H. Ang=42deg	
Optical		Start		Peak		End times		Qual=05		MaxkeV=102			
GOES		00:32:04		00:32:25		00:34:22		Qual=01		Rast=265"x265"		Step=5" Pitch=+201", Yaw=+609"	
HXRBS		00:31						Exp #=93561					
UVSP													
Event # = 11758		89/08/07, 00:46		DOY=219		SMM Pointing:		S19E34		Pitch=+193", Yaw=+598", Roll=-20deg		H. Ang=42deg	
Optical		Start		Peak		End times		S16E34		Mac.=DKC		Carr. Lon.=75deg	
Optical								S27E45		Carr. Lon.=64deg		H. Ang=40deg	
GOES		00:32		00:46		01:09		Qual=01		MaxkeV=102		Rast=70"x70"	
HXRBS		00:40:11		00:42:21		00:44:25		Code=00		Exp #=93562		Step=5" Pitch=+298", Yaw=+702"	
UVSP		00:35						Associated		Event # = 11757			
Radio								Qual=01		Tot Cts=675			
Radio								Exp #=93562		Rast=70"x70"		Step=5" Pitch=+298", Yaw=+702"	
HXRBS		00:36:09		00:36:51		00:38:39		Code=00		Exp #=93562		Step=5" Pitch=+298", Yaw=+702"	
UVSP		00:36						Associated		Event # = 11757			
HXRBS		00:36:09		00:36:51		00:38:39		Qual=01		Tot Cts=675		MaxkeV=102	
Event # = 11759		89/08/07, 05:13		DOY=219		SMM Pointing:		S19E31		Pitch=+207", Yaw=+566", Roll=-20deg		H. Ang=39deg	
Optical		Start		Peak		End times		S20E29		Carr. Lon.=78deg		H. Ang=39deg	
Optical								Qual=00		MaxkeV=102		Rast=180"x1"	
GOES		05:12:36		05:13:03		05:13:09		Qual=01		Exp #=93574		Step=0" Pitch=+86", Yaw=+497"	
HXRBS		04:57						Total Cts=116		MaxkeV=102		Rast=180"x1"	
UVSP								Exp #=93574		Step=0" Pitch=+86", Yaw=+497"			

Event # = 11760	DOY=219	SMM Pointing:	S19E31	Pitch=+207", Yaw=+566", Roll=-20deg	H. Ang=39deg
89/08/07, 05:38	Peak	End times	Qual=00		
GOES	05:38:33	05:38:58	Qual=01	MaxkeV=102	
HXRBS	05:38:33	05:38:58	Peak...c/s=60	Rast=180" x1"	Step=0" Pitch=+89", Yaw=+491"
UVSP	05:54		Wavelength=2788A	Tot Cts=293	
				Exp #=93575	
Event # = 11761	DOY=219	SMM Pointing:	S19E26	Pitch=+235", Yaw=+504", Roll=-20deg	H. Ang=36deg
89/08/07, 14:19	Peak	End times	Qual=00		
GOES	14:19:11	14:19:40	Qual=01	MaxkeV=144	
HXRBS	14:19:11	14:19:40	Peak...c/s=87	Rast=180" x1"	Step=0" Pitch=+114", Yaw=+434"
UVSP	14:11		Wavelength=2788A	Tot Cts=408	
				Exp #=93586	
Event # = 11762	DOY=219	SMM Pointing:	S19E24	Pitch=+245", Yaw=+482", Roll=-20deg	H. Ang=35deg
89/08/07, 17:29	Peak	End times	S20E29	Mac. =DKC	H. Ang=39deg
Optical			Qual=01	Carr. Lon. =71deg	
GOES	17:28:56	17:29:34	Peak...c/s=410	MaxkeV=321	
HXRBS	17:28:56	17:29:34	Wavelength=2788A	Rast=243" x243"	Pitch=+252", Yaw=+494"
UVSP	17:28			Tot Cts=2536	
				Exp #=93590	
Event # = 11763	DOY=219	SMM Pointing:	S19E23	Pitch=+249", Yaw=+471", Roll=-20deg	H. Ang=34deg
89/08/07, 19:09	Peak	End times	Qual=01		
GOES	19:09:05	19:09:40	Qual=01	MaxkeV=144	
HXRBS	19:09:05	19:09:40	Peak...c/s=190	Rast=30" x30"	Step=5" Pitch=+324", Yaw=+600"
UVSP	19:02		Wavelength=1375A	Tot Cts=955	
				Exp #=93594	
Event # = 11764	DOY=219	SMM Pointing:	S19E23	Pitch=+254", Yaw=+459", Roll=-20deg	H. Ang=34deg
89/08/07, 20:58	Peak	End times	S26W38	Mac. =DAO	H. Ang=49deg
Optical			Qual=03	Carr. Lon. =136deg	
GOES	20:49	21:33	Ha...Class=1B	AR5622	
HXRBS	20:49:19	21:09:03	Importance=M8	Flags=M5, ES	
GRS	20:52:00	21:00:00	Peak...c/s=13880	Tot Cts=1.32E+6	MaxkeV=859
UVSP	20:57		Wavelength=1375A	Code=00	Exp #=93607
Radio Sweeps		Type/Intensity:	III/3	Rast=30" x30"	Step=5" Pitch=+185", Yaw=+472"
Radio Frequency(MHz)/Flux(stu):		245/5200 410/1400 606/1200 1415/250 2695/320 4995/1000 8800/2100 15400/6600			
Event # = 23051	DOY=219	SMM Pointing:	S30E31	Mac. =DAO	H. Ang=47deg
89/08/07, 21:43	Peak	End times	Qual=05		
Optical			Qual=5	Carr. Lon. =66deg	
GOES	21:36	21:57	Ha...Class=1N	AR5633	
BCS	22:01	22:03	Importance=M1	FePeak.c/s=6	#Peaks=1 dt= 7.7s XEN=921900
FCS	22:01		CaPeak.c/s=19	Rast=0" x0"	Step=0" Cad=1.02s 1.024s/pixel
UVSP	22:05		Wavelength=1375A	Rast=265" x265"	Step=5" Pitch=+266", Yaw=+460"

Event # = 11765		89/08/08		DOY=220	
89/08/08	00:17	DOY=220	S19E21	Pitch=+263"	Yaw=+436", Roll=-20deg
	Start	Peak	End times	H. Ang=32deg	
GOES	00:17:41	00:17:56	00:18:38	MaxkeyV=102	
HXRBS	00:17:41	00:17:56	00:18:38	Rast=30" x30"	Step=5" Pitch=+185", Yaw=+448"
UVSP	00:17:41	00:17:56	00:18:38		
Radio	Frequency(MHz)/Flux(sfu):	245/520			
Event # = 23052					
89/08/08	04:32	DOY=220			
	Start	Peak	End times		
Optical					
GOES	04:28	04:32	04:55	Mac.=EKC	Carr. Lon.=77deg H. Ang=29deg
BCS	04:40	04:40	05:00	AR5629	Carr. Lon.=74deg H. Ang=34deg
FCS	04:40	04:40	05:00	AR5633	
UVSP	04:58	04:40	05:00	FePeak=04:48	#Peaks=1 dt= 7.7s XEN=922000
				Exp #=93640	Rast=240" x240" Cad= 262s 1.024s/pixel
					Rast=180" x1" Pitch=+159", Yaw=+326"
Event # = 23053					
89/08/08	05:20	DOY=220			
	Start	Peak	End times		
Optical					
GOES	05:10	05:20	06:25	Mac.=EKC	Carr. Lon.=75deg H. Ang=29deg
BCS	05:42	05:43	06:32	AR5629	#Peaks=1 dt= 3.8s XEN=922001
FCS	05:42	05:43	06:32	AR5629	Step=15" Cad= 262s 1.024s/pixel
UVSP	05:35	05:43	06:32	FePeak=05:43	Step=0" Pitch=+161", Yaw=+321"
				Exp #=93641	
Event # = 23054					
89/08/08	06:32	DOY=220			
	Start	Peak	End times		
GOES	06:32	06:32	06:38	FePeak.c/s=7	#Peaks=1 dt= 7.7s XEN=922002
BCS	06:32	06:37	06:38	Rast=240" x240"	Step=15" Cad= 262s 1.024s/pixel
FCS	06:32	06:37	06:38	Rast=180" x1"	Step=0" Pitch=+164", Yaw=+314"
UVSP	06:30	06:37	06:38	FePeak.c/s=7	#Peaks=1 dt= 7.7s XEN=922003
				Exp #=93642	Step=15" Cad= 262s 1.024s/pixel
					Step=0" Pitch=+164", Yaw=+314"
Event # = 12672					
89/08/08	07:42	DOY=220			
	Start	Peak	End times		
GOES	07:40:49	07:41:03	07:41:34	Pitch=+287", Yaw=+377", Roll=-20deg	H. Ang=30deg
HXRBS	07:40:49	07:41:03	07:41:34	MaxkeyV=102	Flags=I
BCS	07:42	07:42	07:46	FePeak.c/s=15	#Peaks=1 dt= 7.7s XEN=922003
FCS	07:42	07:42	07:46	Rast=0" x0"	Step=0" Cad=1.02s 1.024s/pixel
UVSP	08:04	07:42	07:46	Rast=180" x1"	Step=0" Pitch=+169", Yaw=+303"
				Exp #=93644	
Event # = 23055					
89/08/08	19:22	DOY=220			
	Start	Peak	End times		
Optical					
GOES	19:12	19:22	19:32	Mac.=EKC	Carr. Lon.=77deg H. Ang=24deg
BCS	19:33	19:33	19:39	AR5629	#Peaks=1 dt= 7.7s XEN=922004
FCS	19:33	19:33	19:39	AR5629	Step=0" Cad=1.02s 1.024s/pixel
UVSP	19:37	19:33	19:39	FePeak=19:34	Step=5" Pitch=+332", Yaw=+297"
				Exp #=93680	



Event # = 23056	DOY=220	Peak	End times	Qual=00	FePeak=21:34	#Peaks=1	dt= 7.7s	XEN=922005
89/08/08, 21:36	21:36	21:42	21:42	Qual= 1	Exp #=93686	Step=0"	Cad=1.02s	1.024s/pixel
GOES				CaPeak.c/s=34		Step=0"	Pitch=+335"	Yaw=+176"
BGS				Wavelength=1375A				
FCS								
UVSP								
89/08/09 DOY=221								
Event # = 23057	DOY=221	Peak	End times	S16E03	AR5629	Mac.=EKC	Carr. Lon.=80deg	H. Ang=23deg
89/08/09, 00:34	00:34	00:43	00:43	Qual=01	FePeak=00:32	FePeak.c/s=9	#Peaks=1	XEN=922100
Optical				Ha...Class=SF		Rast=115"x115"	Step=5"	2.048s/pixel
GOES				CaPeak.c/s=31	Exp #=93701	Rast=39"x39"	Step=3"	Yaw=+299"
BGS				Wavelength=2788A				
FCS								
UVSP								
Event # = 11766	DOY=221	Peak	End times	S19E06		Pitch=+346"	Yaw=+226"	Roll=-20deg
89/08/09, 03:33	03:33	03:37	03:37	Qual=02	Tot Cts=1812	MaxkeyV=187	Step=0"	Pitch=+227"
GOES				Importance=C4	Exp #=93704	Rast=180"x1"		Yaw=+155"
HXRBS				Peak...c/s=178				
UVSP				Wavelength=2788A				
Event # = 11767	DOY=221	Peak	End times	S19E04		Pitch=+356"	Yaw=+204"	Roll=-20deg
89/08/09, 06:49	06:49	06:58	06:58	Qual=03	Tot Cts=3670	Mac.=BX0	Carr. Lon.=127deg	H. Ang=53deg
Optical				Ha...Class=SF	AR5638		Carr. Lon.=140deg	H. Ang=68deg
Optical				Code=DSF	AR5622			
GOES				Importance=C4		MaxkeyV=321	Step=0"	Pitch=+239"
HXRBS				Peak...c/s=261		Rast=180"x1"		Yaw=+123"
UVSP				Wavelength=2788A				
Event # = 11768	DOY=221	Peak	End times	N06W00		Pitch=+1"	Yaw=+1"	Roll=-20deg
89/08/09, 10:21	10:21	10:24	10:24	Qual=01	Tot Cts=4945	Mac.=EKC	Carr. Lon.=80deg	H. Ang=24deg
Optical				Ha...Class=SF	AR5629		Carr. Lon.=71deg	H. Ang=26deg
Optical				Ha...Class=SN				
GOES				Importance=C3		MaxkeyV=187	Step=0"	Pitch=-121"
HXRBS				Peak...c/s=180		Rast=180"x1"		Yaw=-70"
UVSP				Wavelength=2788A				
Radio				4995/84 8800/63				
Event # = 23058	DOY=221	Peak	End times	S17W08	AR5629	Mac.=EKC	Carr. Lon.=81deg	H. Ang=25deg
89/08/09, 17:23	17:23	17:25	17:25	Qual=01	FePeak=17:23	FePeak.c/s=11	#Peaks=1	XEN=922101
Optical				Ha...Class=SF		Rast=0"x0"	Step=0"	Cad=1.02s
GOES				Importance=C3	Exp #=93722	Rast=180"x1"	Step=0"	Pitch=+288"
BGS				CaPeak.c/s=44				Yaw=+311"
FCS				Wavelength=2788A				
UVSP								

Event # = 11769	SMM Pointing: S20W03		Pitch=+418", Yaw=+101", Roll=-20deg		H. Ang=27deg	
89/08/09, 20:09	DOY=221	Start	End times			
GOES	20:09:17	20:09:52	20:10:13	Qual=00	MaxkeV=102	
HXRBS	20:15	20:15	20:15	Qual=01	Rast=265" x265"	Pitch=+425", Yaw=+113"
UVSP	20:15	20:15	20:15	Peak...c/s=46	Step=5"	
Radio	Frequency(MHz)/Flux(sfu): 15400/64		Wave length=1375A			
Event # = 23059	SMM Pointing: S20W03		Pitch=+418", Yaw=+101", Roll=-20deg		H. Ang=27deg	
89/08/09, 20:12	DOY=221	Start	End times			
GOES	20:11	20:12	20:14	Qual=00	FePeak.c/s=8	dt= 7.7s XEN=922102
BCS	20:11	20:12	20:14	Qual= 4	Rast=0"x0"	Cad=1.02s 1.024s/pixel
FCS	20:11	20:12	20:14	Qual=00	Step=5"	
UVSP	20:15	20:15	20:15	Wave length=1375A	Exp #=93726	
Event # = 11770	SMM Pointing: S20W03		Pitch=+418", Yaw=+101", Roll=-20deg		H. Ang=27deg	
89/08/09, 20:33	DOY=221	Start	End times			
Optical					Mac. = ESI	Carr. Lon. =35deg
GOES	20:33:46	20:33:50	20:34:03	S16E37	AR5634	
HXRBS	20:29	20:29	20:29	Qual=00	Tot Cts=90	H. Ang=43deg
UVSP	20:29	20:29	20:29	Qual=01	Exp #=93730	
Event # = 23060	SMM Pointing: S17W12		Pitch=+426", Yaw=+77", Roll=-20deg		H. Ang=27deg	
89/08/09, 22:12	DOY=221	Start	End times			
Optical					Mac. = EKC	Carr. Lon. =83deg
GOES	22:08	22:12	22:21	S17W12	AR5629	
BCS	22:14	22:14	22:19	Qual=01	FePeak=22:16	dt= 7.7s XEN=922103
FCS	22:14	22:14	22:19	Qual= 4	Step=0"	Cad=1.02s 1.024s/pixel
UVSP	22:12	22:12	22:12	Code=02	Exp #=93740	Pitch=+403", Yaw=-10"
Event # = 11771	SMM Pointing: S20W05		Pitch=+426", Yaw=+77", Roll=-20deg		H. Ang=27deg	
89/08/09, 23:24	DOY=221	Start	End times			
GOES	23:24:35	23:24:43	23:24:59	Qual=00	MaxkeV=102	
HXRBS	23:23	23:23	23:23	Qual=01	Rast=10" x10"	Step=0"
UVSP	23:23	23:23	23:23	Peak...c/s=53	Step=5"	Pitch=+411", Yaw=-39"
Event # = 23061	SMM Pointing: S20W05		Pitch=+426", Yaw=+77", Roll=-20deg		H. Ang=27deg	
89/08/10, 00:50	DOY=222	Start	End times			
GOES	00:49	00:50	00:52	Qual=01	FePeak.c/s=7	dt= 7.7s XEN=922200
BCS	00:49	00:50	00:52	Qual= 4	Rast=0"x0"	Cad=1.02s 1.024s/pixel
FCS	00:49	00:50	00:52	Qual=01	Step=0"	
UVSP	00:52	00:52	00:52	Wave length=1375A	Exp #=93753	Pitch=+438", Yaw=+77"

Event # = 11772  
 89/08/10, 02:16 DOY=222 Peak  
 Start End times  
 SMM Pointing: S20W06 Pitch=+431", Yaw=+64", Roll=-20deg H. Ang=27deg  
 Ha...Class=1N S14W08 Mac.=EKC Carr. Lon.=77deg H. Ang=22deg  
 Importance=M2 Qual=02 AR5629  
 Peak...c/s=1273 Qual=01 Tot Cts=51670 Flags=M5  
 CaPeak.c/s=523 Qual=2 FePeak=01:43 dt= 3.8s XEN=922201  
 Wavelength=1375A Exp # = 93763 Cad= 262s 1.024s/pixel  
 1415/34 4995/53 8800/130 15400/360 Rast=240"x240" XEN=922202  
 Associated Event # = 20505  
 CaPeak.c/s=429 Qual=5 FePeak=02:23 Rast=50"x50" Pitch=+335", Yaw=-13"  
 02:23 02:52 FePeak.c/s=43 #Peaks=1 dt= 3.8s XEN=922202  
 02:25 Rast=180"x240" Step=15" Cad= 197s 1.024s/pixel  
 Associated Event # = 11773  
 Peak...c/s=237 Qual=01 Tot Cts=2325  
 02:33:03 02:33:15 02:34:32 MaxkeV=144

Event # = 23062  
 89/08/10, 02:53 DOY=222 Peak  
 Start End times  
 SMM Pointing: S20W07 Pitch=+435", Yaw=+51", Roll=-20deg H. Ang=28deg  
 Ha...Class=1N S14W08 Mac.=EKC Carr. Lon.=77deg H. Ang=22deg  
 Importance=M2 Qual=02 AR5629  
 Peak...c/s=1273 Qual=01 Tot Cts=51670 Flags=M5  
 CaPeak.c/s=523 Qual=2 FePeak=01:43 dt= 3.8s XEN=922201  
 Wavelength=1375A Exp # = 93763 Cad= 262s 1.024s/pixel  
 1415/34 4995/53 8800/130 15400/360 Rast=240"x240" XEN=922202  
 Associated Event # = 20505  
 CaPeak.c/s=429 Qual=5 FePeak=02:23 Rast=50"x50" Pitch=+335", Yaw=-13"  
 02:23 02:52 FePeak.c/s=43 #Peaks=1 dt= 3.8s XEN=922202  
 02:25 Rast=180"x240" Step=15" Cad= 197s 1.024s/pixel  
 Associated Event # = 11773  
 Peak...c/s=237 Qual=01 Tot Cts=2325  
 02:33:03 02:33:15 02:34:32 MaxkeV=144

Event # = 11774  
 89/08/10, 03:08 DOY=222 Peak  
 Start End times  
 SMM Pointing: S20W07 Pitch=+435", Yaw=+51", Roll=-20deg H. Ang=28deg  
 Ha...Class=1N S14W08 Mac.=EKC Carr. Lon.=77deg H. Ang=22deg  
 Importance=M2 Qual=02 AR5629  
 Peak...c/s=1273 Qual=01 Tot Cts=51670 Flags=M5  
 CaPeak.c/s=523 Qual=2 FePeak=01:43 dt= 3.8s XEN=922201  
 Wavelength=1375A Exp # = 93763 Cad= 262s 1.024s/pixel  
 1415/34 4995/53 8800/130 15400/360 Rast=240"x240" XEN=922202  
 Associated Event # = 20505  
 CaPeak.c/s=429 Qual=5 FePeak=02:23 Rast=50"x50" Pitch=+335", Yaw=-13"  
 02:23 02:52 FePeak.c/s=43 #Peaks=1 dt= 3.8s XEN=922202  
 02:25 Rast=180"x240" Step=15" Cad= 197s 1.024s/pixel  
 Associated Event # = 11773  
 Peak...c/s=237 Qual=01 Tot Cts=2325  
 02:33:03 02:33:15 02:34:32 MaxkeV=144

Event # = 11775  
 89/08/10, 03:13 DOY=222 Peak  
 Start End times  
 SMM Pointing: S20W07 Pitch=+435", Yaw=+51", Roll=-20deg H. Ang=28deg  
 Ha...Class=1N S14W08 Mac.=EKC Carr. Lon.=77deg H. Ang=22deg  
 Importance=M2 Qual=02 AR5629  
 Peak...c/s=1273 Qual=01 Tot Cts=51670 Flags=M5  
 CaPeak.c/s=523 Qual=2 FePeak=01:43 dt= 3.8s XEN=922201  
 Wavelength=1375A Exp # = 93763 Cad= 262s 1.024s/pixel  
 1415/34 4995/53 8800/130 15400/360 Rast=240"x240" XEN=922202  
 Associated Event # = 20505  
 CaPeak.c/s=429 Qual=5 FePeak=02:23 Rast=50"x50" Pitch=+335", Yaw=-13"  
 02:23 02:52 FePeak.c/s=43 #Peaks=1 dt= 3.8s XEN=922202  
 02:25 Rast=180"x240" Step=15" Cad= 197s 1.024s/pixel  
 Associated Event # = 11773  
 Peak...c/s=237 Qual=01 Tot Cts=2325  
 02:33:03 02:33:15 02:34:32 MaxkeV=144

Event # = 11776  
 89/08/10, 04:42 DOY=222 Peak  
 Start End times  
 SMM Pointing: S20W07 Pitch=+435", Yaw=+51", Roll=-20deg H. Ang=28deg  
 Ha...Class=1N S14W08 Mac.=EKC Carr. Lon.=77deg H. Ang=22deg  
 Importance=M2 Qual=02 AR5629  
 Peak...c/s=1273 Qual=01 Tot Cts=51670 Flags=M5  
 CaPeak.c/s=523 Qual=2 FePeak=01:43 dt= 3.8s XEN=922201  
 Wavelength=1375A Exp # = 93763 Cad= 262s 1.024s/pixel  
 1415/34 4995/53 8800/130 15400/360 Rast=240"x240" XEN=922202  
 Associated Event # = 20505  
 CaPeak.c/s=429 Qual=5 FePeak=02:23 Rast=50"x50" Pitch=+335", Yaw=-13"  
 02:23 02:52 FePeak.c/s=43 #Peaks=1 dt= 3.8s XEN=922202  
 02:25 Rast=180"x240" Step=15" Cad= 197s 1.024s/pixel  
 Associated Event # = 11773  
 Peak...c/s=237 Qual=01 Tot Cts=2325  
 02:33:03 02:33:15 02:34:32 MaxkeV=144

Event # = 11780																				
89/08/10, 05:27	DOY=222	Peak	End times	SMM Pointing:	S20W07										Pitch=+439", Yaw=+40", Roll=-20deg	H. Ang=28deg				
Optical				Ha...Class=SF	N28E66										Mac. =DAO					
Optical				Ha...Class=SF	S21W12					AR5639					Carr. Lon.=1deg	H. Ang=66deg				
GOES	05:23	05:27	05:31	Importance=C2	Qual=01					AR5629					Carr. Lon.=79deg	H. Ang=30deg				
HXRBS	05:22:43	05:23:31	05:24:48	Peak...c/s=124	Qual=01					Tot Cts=4480										
BGS	05:25	05:26	05:30	CaPeak.c/s=35	Qual= 4					FePeak=05:25										
FCS				Wavelength=1375A	Code=02					Exp #=93780										
UVSP	05:29																			
Event # = 11777																				
89/08/10, 06:15	DOY=222	Peak	End times	SMM Pointing:	S20W08										Pitch=+443", Yaw=+27", Roll=-20deg	H. Ang=28deg				
Optical				Ha...Class=SF	S30E02					AR5633					Mac. =DS0					
Optical				Ha...Class=SF	N28E69					AR5639					Carr. Lon.=64deg	H. Ang=36deg				
GOES				Peak...c/s=39	Qual=00					Tot Cts=226					Carr. Lon.=357deg	H. Ang=68deg				
HXRBS	06:15:13	06:15:39	06:15:53	Wavelength=2788A	Qual=01					Exp #=93789										
UVSP	06:16														Step=0"	Pitch=+325", Yaw=+206"				
Event # = 11778																				
89/08/10, 07:25	DOY=222	Peak	End times	SMM Pointing:	S20W09										Pitch=+448", Yaw=+16", Roll=-20deg	H. Ang=28deg				
GOES				Peak...c/s=43	Qual=00					Tot Cts=100					MaxkeV=102					
HXRBS	07:23:21	07:23:35	07:23:46	CaPeak.c/s=34	Qual=01					FePeak=07:25					dt= 7.7s	XEN=922206				
BGS	07:24	07:25	07:30	Wavelength=2788A	Qual= 1					Exp #=93791					Cad=1.02s	1.024s/pixel				
FCS															Step=0"	Pitch=+329", Yaw=+194"				
UVSP	07:46																			
Event # = 11779																				
89/08/10, 07:41	DOY=222	Peak	End times	SMM Pointing:	S20W09										Pitch=+448", Yaw=+16", Roll=-20deg	H. Ang=28deg				
GOES				Peak...c/s=42	Qual=00					Tot Cts=86					MaxkeV=102					
HXRBS	07:41:39	07:41:48	07:41:53	Wavelength=2788A	Qual=01					Exp #=93791					Rast=180"x1"					
UVSP	07:46																			
Event # = 11781																				
89/08/10, 11:24	DOY=222	Peak	End times	SMM Pointing:	S20W11										Pitch=+456", Yaw=-9", Roll=-20deg	H. Ang=29deg				
GOES				Importance=C3	Qual=02					Tot Cts=214					MaxkeV=102					
HXRBS	10:55	11:24	11:29	Peak...c/s=58	Qual=01					Exp #=93796					Rast=180"x1"					
UVSP	10:55:42	10:55:49	10:56:02	Wavelength=2788A	Code=02															
Event # = 11782																				
89/08/10, 21:11	DOY=222	Peak	End times	SMM Pointing:	S20W16										Pitch=+485", Yaw=-91", Roll=-20deg	H. Ang=31deg				
GOES				Importance=C3	Qual=01					Tot Cts=2946					MaxkeV=144					
HXRBS	21:08	21:11	21:15	Peak...c/s=260	Qual=01					FePeak.c/s=19					dt= 3.8s	XEN=922207				
BGS	21:08:58	21:09:34	21:10:34	CaPeak.c/s=104	Qual= 1					Rast=30"x30"					Cad=4.61s	0.512s/pixel				
FCS	21:10	21:11	21:15												Step=10"	Pitch=+477", Yaw=-5"				
UVSP	20:58			Wavelength=2788A	Code=00					Exp #=93828										

Event # = 11789				Pitch=+489", Yaw=-103", Roll=-20deg	H.Ang=32deg
89/08/10, 22:27	DOY=222				
Start	Peak	SMM Pointing: S20W17			
22:23	22:27	End times			
22:24:08	22:24:31	22:32	Qual=01		
22:24	22:26	22:24:40	Qual=01		
		22:30	Qual=1		
GOES 22:23 Importance=C3					
HXRBS 22:24:08 Peak...c/s=42					
BCS 22:24 CaPeak.c/s=42					
FCS Wavelength=1375A Code=00					
UVSP 22:24 Exp #=93829					
Event # = 11783				Pitch=+492", Yaw=-115", Roll=-20deg	H.Ang=32deg
89/08/10, 23:59	DOY=222				
Start	Peak	SMM Pointing: S20W18			
23:59:21	23:59:26	End times	Qual=00		
23:56		23:59:35	Qual=01		
GOES 23:59:21 Peak...c/s=73					
HXRBS 23:59:26 Wavelength=1375A					
UVSP 23:56 Exp #=93838					
89/08/11 DOY=223					
Event # = 11784				Pitch=+492", Yaw=-115", Roll=-20deg	H.Ang=32deg
89/08/11, 00:16	DOY=223				
Start	Peak	SMM Pointing: S20W18			
00:11	00:16	End times	S16W16		
00:12:18	00:14:16	00:20	Qual=01		
00:13	00:15	00:14:42	Qual=01		
		00:22	Qual=1		
Optical Ha...Class=SF					
GOES 00:11 Importance=C4					
HXRBS 00:12:18 Peak...c/s=50					
BCS 00:13 CaPeak.c/s=95					
FCS Wavelength=1375A Code=00					
UVSP 00:14 Exp #=93842					
Event # = 23063				Mac.=AXX	H.Ang=74deg
89/08/11, 00:33	DOY=223				
Start	Peak	SMM Pointing: N20E75			
00:32	00:33	End times	Qual=00		
00:27		00:38	Qual=4		
Optical Ha...Class=SF					
GOES 00:32 CaPeak.c/s=23					
BCS 00:33 Wavelength=1375A					
FCS Exp #=93844					
UVSP 00:27					
Event # = 11785				Pitch=+492", Yaw=-115", Roll=-20deg	H.Ang=32deg
89/08/11, 00:49	DOY=223				
Start	Peak	SMM Pointing: S20W18			
00:48:01	00:48:22	End times	N20E75		
00:48	00:49	00:48:28	Qual=00		
		00:50	Qual=01		
Optical Ha...Class=SF					
GOES 00:48:01 Peak...c/s=32					
HXRBS 00:48 CaPeak.c/s=22					
BCS 00:49 Wavelength=1375A					
FCS Exp #=93846					
UVSP 00:41					
Event # = 11786				Pitch=+496", Yaw=-127", Roll=-20deg	H.Ang=33deg
89/08/11, 01:43	DOY=223				
Start	Peak	SMM Pointing: S20W19			
01:34	01:43	End times	M21E56		
01:35:51	01:36:42	02:09	Qual=03		
01:43		01:37:55	Qual=01		
Optical Ha...Class=1F					
GOES 01:34 Importance=C7					
HXRBS 01:35:51 Peak...c/s=52					
UVSP 01:43 Wavelength=1375A Code=02					
Exp #=93851					

Event # = 23064		DOY=223		End times					
89/08/11,03:39	Start	03:39	03:40	CaPeak.c/s=26	Qual=3	FePeak=03:37	Exp #=93857	FePeak.c/s=10	#Peaks=1 dt= 7.7s XEN=922303
GOES				WaveLength=2788A				Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
BCS								Rast=180"x1"	Step=0" Pitch=+379", Yaw=+47"
FCS									
UVSP									
Event # = 11787		DOY=223		End times					
89/08/11,04:52	Start	04:52:18	04:52:30	Peak...c/s=47	Qual=00	Tot Cts=97	Exp #=93860	MaxkeV=102	#Peaks=1 dt= 7.7s XEN=922304
GOES				WaveLength=2788A				Rast=180"x1"	Step=0" Cad=1.02s 1.024s/pixel
HXRBS									
UVSP									
Event # = 11788		DOY=223		End times					
89/08/11,05:32	Start	05:23	05:38	Ha...Class=SN	S20W21	AR5629		Pitch=+504", Yaw=-153", Roll=-20deg	H.Ang=34deg
Optical				Importance=C9	S12W21			Mac.=EKC	H.Ang=28deg
GOES				Peak...c/s=63	Qual=03	Tot Cts=986	Exp #=93860	MaxkeV=102	#Peaks=1 dt= 7.7s XEN=922304
HXRBS				WaveLength=2788A	Qual=01			Rast=180"x1"	Step=0" Cad=1.02s 1.024s/pixel
UVSP					Code=00				Step=0" Pitch=+385", Yaw=+29"
Event # = 23065		DOY=223		End times					
89/08/11,13:39	Start	13:35	13:44	Ha...Class=SN	S10W25	AR5629		Pitch=+520", Yaw=-250", Roll=-20deg	H.Ang=37deg
Optical				Importance=C4	Qual=05			Mac.=EKC	H.Ang=33deg
GOES				CaPeak.c/s=37	Qual=5	FePeak=13:44	Exp #=93871	FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=922304
BCS				WaveLength=2788A	Code=00			Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
FCS								Rast=180"x1"	Step=0" Pitch=+399", Yaw=-64"
UVSP									
Event # = 11790		DOY=223		End times					
89/08/11,13:56	Start	13:55:10	13:56:54	Peak...c/s=83	S19W27	Tot Cts=1585	Exp #=93871	MaxkeV=102	#Peaks=1 dt= 3.8s XEN=922305
GOES				CaPeak.c/s=51	Qual=01	FePeak=13:56		Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
HXRBS				WaveLength=2788A	Qual=3			Rast=180"x1"	Step=0" Pitch=+399", Yaw=-64"
BCS									
FCS									
UVSP									
Radio				Frequency(MHz)/Flux(sfu): 8800/76 15400/65					
Event # = 11791		DOY=223		End times					
89/08/11,18:47	Start	18:44:14	18:45:18	Peak...c/s=51	S19W30	Tot Cts=676	Exp #=93895	MaxkeV=188	#Peaks=1 dt= 3.8s XEN=922306
Optical				CaPeak.c/s=56	Qual=00	FePeak=18:46		Rast=0"x0"	Step=0" Cad=3840s 3840s/pixel
GOES				WaveLength=1375A	Qual=1			Rast=10"x10"	Step=0" Pitch=+484", Yaw=-260"
HXRBS					Qual=3				
BCS									
FCS									
UVSP									
Radio				Frequency(MHz)/Flux(sfu): 15400/75					

Event # = 11792  
 89/08/11,20:11 DOY=223 H. Ang=40deg  
 Start Peak  
 Optical SMM Pointing: S19W31 H. Ang=80deg  
 Ha...Class=SN N17E81 Carr. Lon.=324deg  
 Importance=M1 AR5643  
 GOES 19:59 20:11 20:19 20:11:11 MaxkeV=231 dt= 7.7s XEN=922307  
 HXRBS 20:00:30 20:07:04 20:11:11 FePeak..c/s=195 #Peaks=3 Cad= 262s 1.024s/pixe1  
 BCS 20:01 20:23 20:28 20:01:28 CaPeak..c/s=975 Qual= 1 FePeak=20:22 Rast=240"x240" Pitch=+487",Yaw=-270"  
 FCS  
 UVSP 20:11 WaveLength=1375A Code=02 Exp #=93904 Rast=30"x30" Step=5"  
 Radio Frequency(MHz)/Flux(sfu): 8800/63

Event # = 11793  
 89/08/11,20:25 DOY=223 H. Ang=40deg  
 Start Peak  
 Optical SMM Pointing: S19W31 H. Ang=34deg  
 Ha...Class=1B S14W27 Carr. Lon.=72deg  
 Importance=M2 AR5629  
 GOES 20:21 20:25 20:44 20:25:44 MaxkeV=144 dt= 7.7s XEN=922308  
 HXRBS 20:17:21 20:19:57 20:27:50 20:17:50 Peak...c/s=252 Qual=01 FePeak=21:57 Cad=1.02s 1.024s/pixe1  
 UVSP 20:23 20:23 WaveLength=1375A Code=00 Exp #=93906 Rast=265"x265" Pitch=+543",Yaw=-292"  
 Step=5" Pitch=-277"

Event # = 23066  
 89/08/11,21:25 DOY=223  
 Start Peak  
 GOES 21:25 21:25 21:28 21:25:28 FePeak..c/s=5 #Peaks=1 dt= 7.7s XEN=922308  
 BCS 21:25 21:25 21:28 21:25:28 CaPeak..c/s=24 Qual= 5 FePeak=21:26 Cad=1.02s 1.024s/pixe1  
 FCS  
 UVSP 21:28 21:28 WaveLength=1375A Exp #=93909 Rast=265"x265" Pitch=+543",Yaw=-292"

Event # = 23067  
 89/08/11,21:58 DOY=223  
 Start Peak  
 GOES 21:57 21:58 22:05 21:57:58 FePeak..c/s=8 #Peaks=1 dt= 7.7s XEN=922309  
 BCS 21:57 21:58 22:05 21:57:58 CaPeak..c/s=21 Qual= 4 FePeak=21:57 Cad=1.02s 1.024s/pixe1  
 FCS  
 UVSP 21:54 21:54 WaveLength=1375A Exp #=93915 Rast=30"x30" Pitch=+491",Yaw=-282"

Event # = 11794  
 89/08/11,23:02 DOY=223 H. Ang=41deg  
 Start Peak  
 Optical SMM Pointing: S19W33 H. Ang=40deg  
 Ha...Class=1B S18W32 Carr. Lon.=76deg  
 Importance=M6 AR5629  
 GOES 22:42 23:02 23:25 23:02:25 MaxkeV=231 dt= 7.7s XEN=922310  
 HXRBS 22:56:19 22:57:50 23:14:41 22:56:41 Peak...c/s=893 Qual=02 FePeak..c/s=1056 #Peaks=1 dt= 3.8s 1.024s/pixe1  
 BCS 22:57 23:01 23:25 23:01:25 CaPeak..c/s=3301 Qual= 1 FePeak=23:01 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixe1  
 FCS  
 UVSP 23:01 23:01 23:25 23:01:25 WaveLength=1375A Code=00 Exp #=93918 Rast=265"x265" Step=5" Pitch=+546",Yaw=-303"  
 Associated Event # = 23068  
 BCS 23:25 23:25 23:53 23:25:53 CaPeak..c/s=152 Qual= 5 FePeak=23:25 dt= 7.7s XEN=922311  
 FCS  
 UVSP 23:22 23:22 WaveLength=1375A Exp #=93922 Rast=30"x30" Pitch=+469",Yaw=-343"

Event # = 11795  
 89/08/11,23:46 DOY=223 H. Ang=41deg  
 Start Peak  
 Optical SMM Pointing: S19W33 H. Ang=40deg  
 Ha...Class=1B S18W32 Carr. Lon.=75deg  
 Importance=M1 AR5629  
 GOES 23:46:21 23:46:34 23:46:47 23:46:34 Peak...c/s=37 dt= 7.7s XEN=922310  
 HXRBS 23:43 23:43 23:46:47 23:43:47 CaPeak..c/s=975 Qual=01 FePeak=23:43 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixe1  
 UVSP 23:43 23:43 WaveLength=1375A Exp #=93926 Rast=30"x30" Step=5" Pitch=+470",Yaw=-345"

89/08/12		DOY=224	
Event # = 11796	89/08/12, 00:52	DOY=224	Peak
89/08/12, 00:52	Start	End times	
GOES			
HXRBS	00:50:02	00:50:32	00:51:41
BCS	00:29	00:52	01:02
FCS			
UVSP	00:36		
SMM Pointing: S19W33			
Qual=00			
Qual=01			
Qual=1			
Tot Cts=406			
FePeak=00:51			
Exp #=93928			
MaxkeV=102			
FePeak.c/s=23			
Rast=240"x240"			
Rast=70"x70"			
dt= 3.8s			
Cad= 262s			
Pitch=+496"			
Yaw=-306"			
Pitch=-326"			
Roll=-20deg			
H. Ang=42deg			
Event # = 23069			
89/08/12, 01:11	Start	End times	
GOES			
BCS	01:08	01:11	01:19
FCS			
UVSP	00:36		
SMM Pointing: S19W34			
Qual=00			
Qual=1			
FePeak=01:08			
Exp #=93928			
MaxkeV=188			
FePeak.c/s=14			
Rast=240"x240"			
Rast=70"x70"			
dt= 7.7s			
Cad= 262s			
Pitch=+496"			
Yaw=-306"			
Pitch=-337"			
Roll=-20deg			
H. Ang=42deg			
Event # = 11797			
89/08/12, 02:12	Start	End times	
GOES			
HXRBS	02:09	02:12	02:15
BCS	02:08:57	02:09:11	02:14:05
FCS	02:10	02:12	02:19
UVSP	02:05		
Radio			
SMM Pointing: S19W34			
Qual=01			
Qual=01			
Qual=1			
Tot Cts=2259			
FePeak=02:12			
Exp #=93929			
MaxkeV=144			
Rast=39"x39"			
dt= 3.8s			
Cad= 262s			
Pitch=+552"			
Yaw=-324"			
Pitch=-337"			
Roll=-20deg			
H. Ang=42deg			
Event # = 11798			
89/08/12, 02:37	Start	End times	
GOES			
HXRBS	02:37:39	02:37:46	02:37:59
UVSP	02:13		
SMM Pointing: S19W34			
Qual=00			
Qual=01			
Tot Cts=91			
Exp #=93930			
MaxkeV=144			
Rast=39"x39"			
dt= 3.8s			
Cad= 262s			
Pitch=+483"			
Yaw=-400"			
Pitch=-337"			
Roll=-20deg			
H. Ang=42deg			
Event # = 23070			
89/08/12, 03:07	Start	End times	
Optical			
GOES	02:58	03:07	03:24
UVSP	02:55		
SMM Pointing: S16W34			
Qual=02			
Code=00			
AR5629			
Exp #=93931			
Mac.=EKC			
Carr. Lon.=76deg			
H. Ang=40deg			
Rast=180"x1"			
Step=0"			
Pitch=+425"			
Yaw=-158"			
Event # = 23071			
89/08/12, 03:35	Start	End times	
Optical			
GOES	03:34	03:35	03:45
BCS			
FCS			
UVSP	03:28		
SMM Pointing: N16E77			
Qual=00			
Qual=5			
FePeak=03:35			
Exp #=93932			
Mac.=DA0			
Carr. Lon.=324deg			
H. Ang=76deg			
Rast=180"x1"			
Step=0"			
Pitch=+427"			
Yaw=-162"			
dt= 3.8s			
Cad= 262s			
Pitch=+496"			
Yaw=-306"			





Event # = 23075			DOY=224		
89/08/12, 08:02	Start	Peak	End times		
Optical			Ha...Class=IN S15W40		
G0ES	07:55	08:02	Importance=M3 Qual=05		
BCS	08:11	08:41	CaPeak.c/s=392 Qual= 5		
FCS			WaveLength=2788A Code=02 FePeak=08:11		
UVSP	08:05		Exp #=93938		
FePeak.c/s=29			Carr. Lon.=79deg H. Ang=45deg		
Rast=0"x0"			#Peaks=1 dt= 3.8s XEN=922410		
Rast=180"x1"			Step=0" Cad=1.02s 1.024s/pixel		
Pitch=+435", Yaw=-192"			Step=0"		
Event # = 23076					
89/08/12, 08:49 DOY=224			End times		
Start Peak			Qual=00		
G0ES	08:46	08:53	Qual= 1 FePeak=08:46		
BCS			CaPeak.c/s=23		
FCS			WaveLength=2788A		
UVSP	09:01		Exp #=93939		
FePeak.c/s=13			Carr. Lon.=69deg H. Ang=38deg		
Rast=240"x240"			#Peaks=1 dt= 7.7s XEN=922411		
Rast=180"x1"			Step=15" Cad= 262s 1.024s/pixel		
Pitch=+437", Yaw=-198"			Step=0"		
Event # = 23077					
89/08/12, 09:04 DOY=224			End times		
Start Peak			Qual=00		
G0ES	09:02	09:08	Qual= 4 FePeak=09:03		
BCS			CaPeak.c/s=24		
FCS			WaveLength=2788A		
UVSP	09:01		Exp #=93939		
FePeak.c/s=6			Carr. Lon.=69deg H. Ang=38deg		
Rast=240"x240"			#Peaks=1 dt= 7.7s XEN=922412		
Rast=180"x1"			Step=15" Cad= 262s 1.024s/pixel		
Pitch=+437", Yaw=-198"			Step=0"		
Event # = 23078					
89/08/12, 09:04 DOY=224			End times		
Start Peak			Qual=00		
G0ES	09:02	09:08	Qual= 4 FePeak=09:03		
BCS			CaPeak.c/s=24		
FCS			WaveLength=2788A		
UVSP	09:01		Exp #=93939		
FePeak.c/s=6			Carr. Lon.=69deg H. Ang=38deg		
Rast=240"x240"			#Peaks=1 dt= 7.7s XEN=922412		
Rast=180"x1"			Step=15" Cad= 262s 1.024s/pixel		
Pitch=+437", Yaw=-198"			Step=0"		
Event # = 11804					
89/08/12, 10:37 DOY=224			End times		
Start Peak			Qual=00		
G0ES	10:35:46	10:35:51	Qual=01 Tot Cts=164		
HXRBS	09:43	10:37	FePeak=10:37		
BCS			CaPeak.c/s=49		
FCS			WaveLength=2788A		
UVSP	10:33		Exp #=93941		
MaxkeV=102			Carr. Lon.=68deg H. Ang=38deg		
FePeak.c/s=11			#Peaks=3 dt= 7.7s XEN=922413		
Rast=0"x0"			Step=0" Cad=1.02s 1.024s/pixel		
Rast=180"x1"			Step=0" Pitch=+564", Yaw=-388"		
Event # = 11802					
89/08/12, 12:47 DOY=224			End times		
Start Peak			Qual=00		
G0ES	12:43	12:47	Qual=05		
HXRBS	12:53:28	12:54:11	Qual=01 Tot Cts=200		
BCS	12:55	12:57	FePeak=12:55		
FCS			CaPeak.c/s=21		
UVSP	12:41		Exp #=93944		
MaxkeV=102			Carr. Lon.=306deg H. Ang=87deg		
FePeak.c/s=7			#Peaks=1 dt= 7.7s XEN=922415		
Rast=0"x0"			Step=0" Cad=1.02s 1.024s/pixel		
Rast=180"x1"			Step=0" Pitch=+568", Yaw=-402"		

Event # = 23079		DOY=224		End times			
89/08/12 13:41	Start	13:41	Peak	13:45	End times	Qual=00	
GOES						Qual=3	FePeak=13:40
BCS	13:38	13:41	CaPeak.c/s=26				Exp #=93945
FCS			Wave length=2788A				
UVSP	13:38						
Event # = 11803		DOY=224		SMM Pointing:		S19W40	
89/08/12 14:27	Start	14:27	Peak	14:25:00	End times	Ha...Class=2B	AR5629
GOES	13:58	14:27	Importance=X3	18:02	End times	Qual=03	
HXRBS	14:18:27	14:21:34	Peak...c/s=7580	15:17:43		Qual=14	Tot Cts=2.90E+6
GRS	14:18:00			14:25:00			
BCS	14:20	14:28	CaPeak.c/s=7572	15:17		Qual=4	FePeak=14:21
FCS			Wave length=2788A			Code=00	Exp #=93946
UVSP	14:15		Type/Intensity: I1/3 IV/2				
Radio Sweeps		Frequency(MHz)/Flux(stu): 245/8700 410/6600 606/2600 1415/3600 2695/3700 4995/3100 8800/5300 15400/6800					
BCS	15:18	15:18	CaPeak.c/s=114	15:18		Qual=5	FePeak=15:18
FCS			Wave length=2788A				
UVSP	15:09		Type/Intensity: Associated			Event # = 23080	
BCS	15:53	15:54	CaPeak.c/s=1038	16:51		Qual=5	FePeak=15:54
FCS			Wave length=2788A				
UVSP	15:47						
Event # = 11805		DOY=224		SMM Pointing:		S19W42	
89/08/12 17:26	Start	17:26	Peak	17:30:59	End times	Qual=00	
GOES			Peak...c/s=39	17:30:59		Qual=01	Tot Cts=397
HXRBS	17:28:02	17:28:15	CaPeak.c/s=147	18:22		Qual=5	FePeak=17:26
BCS	17:25	17:26	Wave length=2788A				Exp #=93950
FCS							
UVSP	17:18						
Event # = 23082		DOY=224		End times			
89/08/12 19:03	Start	19:03	Peak	19:56	End times	Qual=00	
GOES			CaPeak.c/s=58	19:56		Qual=5	FePeak=19:13
BCS	18:57	19:03	Wave length=2788A				Exp #=93952
FCS							
UVSP	18:52						
Event # = 23083		DOY=224		End times			
89/08/12 20:31	Start	20:31	Peak	21:28	End times	Qual=00	
GOES			CaPeak.c/s=33	21:28		Qual=5	FePeak=20:50
BCS	20:30	20:31	Wave length=2788A				Exp #=93954
FCS							
UVSP	20:33						

Event # = 11806  
 89/08/12,22:29 DOY=224 Peak Start End times  
 SMM Pointing: S19W45 Pitch=+577", Yaw=-459", Roll=-20deg H. Ang=51deg  
 GOES 22:25:32 22:26:03 22:27:21 Peak...c/s=47 Qual=01  
 HXRBS 22:03 22:29 22:50 CaPeak.c/s=67 Qual=01  
 FCS 22:24 22:24 Wavelength=1375A Qual=1  
 UVSP Tot Cts=659 #Peaks=2 dt= 3.8s XEN=922423  
 FePeak=102 FePeak.c/s=17 Step=15" Cad= 262s XEN=922423  
 Rast=240"x240" Step=0" Pitch=+558", Yaw=-519"  
 Exp #=93960

89/08/13 DOY=225  
 89/08/13,04:14 DOY=225 Peak Start End times  
 SMM Pointing: S19W49 Pitch=+587", Yaw=-500", Roll=-20deg H. Ang=54deg  
 GOES 04:12 04:14 04:20 CaPeak.c/s=40 Qual=00  
 BCS 04:15 04:15 Wavelength=1375A Qual=1  
 FCS FePeak=04:14 FePeak.c/s=10 dt= 7.7s XEN=922500  
 UVSP Exp #=93985 Rast=265"x265" Step=5" Cad=1.02s 1.024s/pixel  
 Pitch=+558", Yaw=-486"

Event # = 11946  
 89/08/13,05:50 DOY=225 Peak Start End times  
 SMM Pointing: S19W50 Pitch=+589", Yaw=-510", Roll=-20deg H. Ang=55deg  
 GOES 05:50:36 05:50:42 05:50:50 Peak...c/s=46 Qual=00  
 HXRBS 05:50 05:50 Wavelength=1375A Qual=01  
 UVSP Tot Cts=119 #Peaks=1 dt= 3.8s XEN=922501  
 FePeak=144 FePeak.c/s=17 Step=15" Cad= 262s XEN=922501  
 Rast=240"x240" Step=5" Pitch=+558", Yaw=-570"  
 Exp #=94002

Event # = 11947  
 89/08/13,06:27 DOY=225 Peak Start End times  
 SMM Pointing: S19W50 Pitch=+589", Yaw=-510", Roll=-20deg H. Ang=55deg  
 GOES 06:24 06:27 06:31 Importance=C3 Qual=01  
 HXRBS 06:24:01 06:24:17 06:24:36 Peak...c/s=176 Qual=01  
 BCS 06:25 06:26 06:31 CaPeak.c/s=71 Qual=1  
 FCS Wavelength=1375A Code=00  
 UVSP Frequency(MHz)/Flux(sfu): 8800/26 15400/140  
 Radio Tot Cts=1390 #Peaks=1 dt= 3.8s XEN=922502  
 FePeak=06:25 FePeak.c/s=185 Step=15" Cad= 262s XEN=922502  
 Rast=240"x240" Step=5" Pitch=+598", Yaw=-503"  
 Exp #=94007

Event # = 11948  
 89/08/13,07:22 DOY=225 Peak Start End times  
 SMM Pointing: S19W50 Carr. Lon.=81deg H. Ang=55deg  
 Optical Mac.=FKC  
 GOES 07:16 07:22 07:35 Ha...Class=1F S22W55 AR5629  
 HXRBS 07:16:38 07:19:13 07:21:53 Importance=M1 Qual=04  
 BCS 07:17 07:21 07:41 Peak...c/s=2347 Qual=03  
 FCS CaPeak.c/s=581 Qual=1  
 UVSP Wavelength=1375A Code=00 Exp #=94003  
 Radio Frequency(MHz)/Flux(sfu): 1415/64 2695/38 4995/39 8800/170 15400/400  
 BCS 07:41 07:41 07:46 CaPeak.c/s=29 Qual= 5 Associated Event # = 23085  
 FCS FePeak=07:42 FePeak.c/s=13 dt= 7.7s XEN=922503  
 UVSP Wavelength=1375A Exp #=94007  
 Rast=240"x240" Step=15" Cad= 262s XEN=922503  
 Rast=30"x30" Step=5" Pitch=+560", Yaw=-571"

Event # = 23086		DOY=225		End times		Qual=00		FePeak=09:25		#Peaks=1		dt= 7.7s		XEN=922504			
89/08/13, 09:27	Start	09:24	09:27	09:32	09:32	CaPeak.c/s=33	Qual= 1	FePeak=09:25	FePeak.c/s=13	Step=0"	Step=0"	Cad=1.02s	1.024s/pixel				
		09:37				Wavelength=2788A		Exp #=94014	Rast=180"x1"			Pitch=+472"	Yaw=-343"				
Event # = 23087		DOY=225		End times		Qual=00		FePeak=10:59		#Peaks=1		dt= 7.7s		XEN=922505			
89/08/13, 11:00	Start	10:59	11:00	11:03	11:03	CaPeak.c/s=23	Qual= 4	FePeak=10:59	FePeak.c/s=10	Step=0"	Step=0"	Cad=1.02s	1.024s/pixel				
		11:10				Wavelength=2788A		Exp #=94016	Rast=180"x1"			Pitch=+474"	Yaw=-351"				
Event # = 23088		DOY=225		End times		Qual=00		FePeak=11:13		#Peaks=1		dt= 7.7s		XEN=922506			
89/08/13, 11:13	Start	11:13	11:13	11:17	11:17	CaPeak.c/s=20	Qual= 4	FePeak=11:13	FePeak.c/s=6	Step=0"	Step=0"	Cad=1.02s	1.024s/pixel				
		11:10				Wavelength=2788A		Exp #=94016	Rast=180"x1"			Pitch=+474"	Yaw=-351"				
Event # = 11952		DOY=225		End times		SMM Pointing:		S19W52		Pitch=+594"		Yaw=-531"		Roll=-20deg		H.Ang=57deg	
89/08/13, 11:55	Start	11:51	11:55	11:58	11:58	Importance=C3	Qual=01	Tot Cts=1080	MaxkeV=102	Flags=1							
		11:54	11:54	11:56	11:56	CaPeak.c/s=85	Qual=01	FePeak=11:55	FePeak.c/s=6	#Peaks=1							
						CaPeak.c/s=20	Qual= 5	Exp #=94017	Rast=180"x1"	Step=0"							
						Wavelength=2788A				Step=0"							
Event # = 11953		DOY=225		End times		SMM Pointing:		S19W53		Pitch=+596"		Yaw=-541"		Roll=-20deg		H.Ang=58deg	
89/08/13, 13:25	Start	13:24:28	13:25	13:24:44	13:24:57	Ha...Class=SF	Qual=00	AR5629	Mac.=FKC	Carr.Lon.=77deg							
		13:25	13:25	13:33	13:33	Peak...c/s=512	Qual=01	Tot Cts=3040	MaxkeV=231	Flags=1							
						CaPeak.c/s=34	Qual= 5	FePeak=13:25	FePeak.c/s=10	#Peaks=1							
						Wavelength=1375A		Exp #=94019	Rast=265"x265"	Step=5"							
						4995/93 8800/210		15400/310									
Event # = 23089		DOY=225		End times		Ha...Class=SF		N29W63		Carr.Lon.=85deg		dt= 7.7s		XEN=922509			
89/08/13, 14:01	Start	13:55	14:01	14:05	14:05	Importance=C7	Qual=05	FePeak=14:11	FePeak.c/s=6	Step=0"	Step=0"	Cad=1.02s	1.024s/pixel				
		14:11	14:11	14:14	14:14	CaPeak.c/s=22	Qual= 5	Exp #=94025	Rast=30"x30"	Step=5"							
						Wavelength=1375A		Code=00									

Event # = 23090		DOY=225		End times		Mac. = FKC		Carr. Lon. = 78deg		H. Ang = 60deg	
89/08/13	15:03	Peak									
Optical											
GOES						S18W56	AR5629				
BCS	14:58	15:03	15:46	15:02	FePeak=15:02	Qual=05					
FCS						Qual=4					
UVSP	15:03				Exp # = 94028						
Wavelength=1375A											
CaPeak.c/s=17 dt= 3.8s XEN=922510											
Rast=240"x240" Cad= 262s 1.024s/pixel											
Rast=265"x265" Pitch=+606" , Yaw=-542"											
Step=5"											
Event # = 23091											
89/08/13	15:53	DOY=225									
Start											
GOES						Qual=00					
BCS	15:52	15:53	15:55	15:53	FePeak=15:53	Qual=2					
FCS											
UVSP	15:39				Exp # = 94036						
Wavelength=1375A											
CaPeak.c/s=26 dt= 7.7s XEN=922511											
Rast=30"x30" Cad= 262s 1.024s/pixel											
Rast=30"x30" Pitch=+574" , Yaw=-617"											
Step=5"											
Event # = 23092											
89/08/13	16:32	DOY=225									
Start											
Optical											
GOES	16:18	16:32	16:45	16:30	FePeak=16:30	N15E57	AR5643				
BCS	16:30	16:31	17:22			Qual=04					
FCS						Qual=4					
UVSP	16:34				Exp # = 94037						
Wavelength=1375A Code=02											
CaPeak.c/s=13 dt= 3.8s XEN=922512											
Rast=0"x0" Cad=1.02s 1.024s/pixel											
Rast=265"x265" Pitch=+608" , Yaw=-549"											
Step=5"											
Event # = 11808											
89/08/13	19:48	DOY=225									
Start											
SMM Pointing: S19W56											
Optical											
GOES	19:45	19:48	19:50			S18W53	AR5629				
HXRBS	19:46:56	19:47:10	19:47:45			Qual=01					
BCS	19:47	19:48	19:51			Qual=01					
FCS						Qual=1					
UVSP	19:41				Exp # = 94057						
Wavelength=1375A Code=00											
Associated Event # = 11807											
Peak...c/s=64											
Pitch=+602" , Yaw=-572" , Roll=-20deg											
H. Ang = 61deg											
Event # = 23093											
89/08/13	20:25	DOY=225									
Start											
Optical											
GOES	20:20	20:25	20:30	20:30	FePeak=20:30	S15W51	AR5629				
BCS	20:29	20:30	20:32			Qual=05					
FCS						Qual=5					
UVSP	20:22				Exp # = 94063						
Wavelength=1375A Code=00											
CaPeak.c/s=55 dt= 7.7s XEN=922514											
Rast=240"x240" Cad= 262s 1.024s/pixel											
Rast=10"x10" Pitch=+593" , Yaw=-604"											
Step=0"											
Event # = 23094											
89/08/13	21:26	DOY=225									
Start											
Optical											
GOES	21:08	21:26	21:54	21:26	FePeak=21:26	Qual=00					
BCS						Qual=1					
FCS											
UVSP	21:14				Exp # = 94065						
Wavelength=1375A											
CaPeak.c/s=12 dt= 3.8s XEN=922515											
Rast=70"x70" Cad= 262s 1.024s/pixel											
Rast=70"x70" Pitch=+574" , Yaw=-648"											
Step=5"											

Event # = 23095

89/08/13, 22:46 Start Peak DOY=225  
 Optical  
 GOES 22:23 22:46 22:50 End times  
 BCS 22:38 22:45 23:32  
 FCS  
 UVSP 22:46

Ha...Class=1F S17W62 AR5629 Carr. Lon.=80deg H. Ang=66deg  
 Importance=C4 Qual=04 #Peaks=1 dt= 3.8s XEN=922516  
 CaPeak.c/s=114 Qual= 1 FePeak=22:45 Step=15" Cad= 262s 1.024s/pixel  
 Wavelength=1375A Code=02 Exp #=94067 Step=5" Pitch=-818", Yaw=-351"

Mac.=FKC  
 FePeak.c/s=19 Rast=240"x240" dt= 3.8s XEN=922516  
 Rast=70"x70" Pitch=5" Cad= 262s 1.024s/pixel

89/08/14 DOY=226

Event # = 11809  
 89/08/14, 00:25 Start Peak DOY=226  
 SMM Pointing: S20W58 H. Ang=63deg  
 GOES 00:22 00:25 00:28 End times  
 HXRBS 00:23:18 00:23:52 00:24:53  
 UVSP 00:22

Importance=C5 Qual=01  
 Peak...c/s=717 Qual=01  
 Wavelength=2788A Code=00 Tot Cts=8043  
 Exp #=94069

MaxkeV=275  
 Rast=39"x39" Step=3" Pitch=+587", Yaw=-573"

Pitch=+607", Yaw=-589", Roll=-20deg  
 MaxkeV=102  
 Rast=39"x39" Step=3" Pitch=+587", Yaw=-573"

Event # = 11810

89/08/14, 00:34 Start Peak DOY=226  
 SMM Pointing: S19W59 H. Ang=64deg  
 GOES 00:33:26 00:34:05 00:34:41 End times  
 HXRBS 00:22  
 UVSP 00:22

Qual=00  
 Qual=01  
 Peak...c/s=46  
 Wavelength=2788A

Pitch=+607", Yaw=-599", Roll=-20deg  
 MaxkeV=102  
 Rast=39"x39" Step=3" Pitch=+587", Yaw=-573"

Event # = 11811

89/08/14, 00:53 Start Peak DOY=226  
 SMM Pointing: S19W59 H. Ang=64deg  
 Optical  
 GOES 00:39 00:53 03:53 End times  
 HXRBS 00:39:26 00:43:12 01:08:31  
 GRS 00:42:00 00:52:00  
 BCS 01:43 01:44 02:41  
 FCS  
 UVSP 00:22  
 Radio

Ha...Class=3B S16W60 AR5629 Carr. Lon.=76deg H. Ang=64deg  
 Importance=X4 Qual=03  
 Peak...c/s=53950 Qual=11 Tot Cts=1.39E+7  
 CaPeak.c/s=2251 Qual= 5 FePeak=01:44 Dur=600sec  
 Wavelength=2788A Code=00 Exp #=94069 XEN=922601  
 4995/2600 8800/4200 15400/12000 Rast=240"x240" Cad= 262s 1.024s/pixel

Pitch=+607", Yaw=-599", Roll=-20deg  
 MaxkeV=860  
 Rast=39"x39" Step=3" Pitch=+587", Yaw=-573"

Event # = 11812

89/08/14, 04:05 Start Peak DOY=226  
 SMM Pointing: S19W61 H. Ang=65deg  
 Optical  
 GOES 04:00:47 04:02:41 04:03:48 End times  
 HXRBS 03:15 04:05 04:13  
 BCS  
 FCS  
 UVSP 04:05  
 Radio

Ha...Class=SF S16W63 AR5629 Carr. Lon.=78deg H. Ang=66deg  
 Peak...c/s=143 Qual=01 Tot Cts=4043  
 CaPeak.c/s=432 Qual= 1 FePeak=04:03 dt= 7.7s XEN=922602  
 Wavelength=2788A Code=00 Exp #=94074 Rast=240"x240" Cad= 262s 1.024s/pixel

Pitch=+609", Yaw=-610", Roll=-20deg  
 MaxkeV=102  
 Rast=180"x1" Step=0" Pitch=+488", Yaw=-429"

Event # = 23097

89/08/14, 04:13 Start Peak DOY=226  
 SMM Pointing: N26E77 AR5643 Carr. Lon.=298deg H. Ang=75deg  
 Optical  
 GOES 04:13 04:13 04:14 End times  
 BCS  
 FCS  
 UVSP 04:05

Ha...Class=SF Qual=02 FePeak=04:13  
 CaPeak.c/s=19 Qual= 5  
 Wavelength=2788A

Mac.=HAX  
 FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=922603  
 Rast=240"x240" Cad= 262s 1.024s/pixel  
 Step=15" Step=0" Pitch=+488", Yaw=-429"

Event # = 23098																					
89/08/14,04:49	DOY=226	Peak																			
GOES	04:48	04:49	05:45	CaPeak.c/s=78	Qual=00	Qual=5	FePeak=04:48	FePeak.c/s=8	#Peaks=2	dt= 3.8s	XEN=922604										
BCS								Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel										
FCS								Rast=180"x1"	Step=0"	Pitch=+488"	Yaw=-431"										
UVSP	04:41			Wavelength=2788A			Exp #=94075														
Event # = 11813																					
89/08/14,06:34	DOY=226	Peak																			
Optical				SMM Pointing:	S19W62			Pitch=+610"	Yaw=-620"	Roll=-20deg	H.Ang=66deg										
GOES				Ha...Class=SF	S13W27			Mac.=FAO	Carr.Lon.=40deg		H.Ang=33deg										
HXRBS	06:30:18	06:34:07	06:38:38	Peak...c/s=42	Qual=00			MaxkeV=144													
UVSP	06:14			Wavelength=2788A	Qual=01		Tot Cts=2176	Rast=180"x1"	Step=0"	Pitch=+490"	Yaw=-437"										
UVSP							Exp #=94077														
Event # = 11814																					
89/08/14,06:43	DOY=226	Peak																			
GOES				SMM Pointing:	S19W62			Pitch=+610"	Yaw=-620"	Roll=-20deg	H.Ang=66deg										
HXRBS	06:42:43	06:43:07	06:43:11	Peak...c/s=40	Qual=00			MaxkeV=102													
UVSP	07:09			Wavelength=2788A	Qual=01		Tot Cts=99	Rast=180"x1"	Step=0"	Pitch=+490"	Yaw=-441"										
UVSP							Exp #=94078														
Event # = 11815																					
89/08/14,06:44	DOY=226	Peak																			
GOES				SMM Pointing:	S19W62			Pitch=+610"	Yaw=-620"	Roll=-20deg	H.Ang=66deg										
HXRBS	06:44:11	06:44:22	06:44:42	Peak...c/s=39	Qual=00			MaxkeV=102													
UVSP	07:09			Wavelength=2788A	Qual=01		Tot Cts=127	Rast=180"x1"	Step=0"	Pitch=+490"	Yaw=-441"										
UVSP							Exp #=94078														
Event # = 11817																					
89/08/14,07:07	DOY=226	Peak																			
Optical				SMM Pointing:	S19W62			Pitch=+610"	Yaw=-620"	Roll=-20deg	H.Ang=66deg										
GOES	07:00	07:07	07:09	Ha...Class=SF	S16W65			Mac.=EKI	Carr.Lon.=78deg		H.Ang=68deg										
HXRBS	07:04:32	07:04:43	07:06:22	Importance=C7	Qual=01		AR5629	MaxkeV=102													
BCS	06:20	07:06	07:17	Peak...c/s=101	Qual=01		Tot Cts=3145	FePeak.c/s=63	#Peaks=3	dt= 3.8s	XEN=922605										
FCS				CaPeak.c/s=235	Qual=1		FePeak=07:06	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel										
UVSP	07:09			Wavelength=2788A	Code=02		Exp #=94078	Rast=180"x1"	Step=0"	Pitch=+490"	Yaw=-441"										
HXRBS	06:59:59	07:00:19	07:01:14	Peak...c/s=101	Qual=01		Event # = 11816	MaxkeV=102													
HXRBS				Associated			Tot Cts=1253														
Event # = 23099																					
89/08/14,08:23	DOY=226	Peak																			
GOES				SMM Pointing:	S19W62			Pitch=+610"	Yaw=-620"	Roll=-20deg	H.Ang=66deg										
BCS	07:52	08:23	08:31	CaPeak.c/s=29	Qual=00			Mac.=EKI	Carr.Lon.=78deg		H.Ang=68deg										
FCS				Wavelength=2788A	Qual=4		FePeak=08:23	MaxkeV=102													
UVSP	08:42						Exp #=94080	Rast=180"x1"	Step=0"	Pitch=+491"	Yaw=-447"										
UVSP							Exp #=94080														



Event # = 12587 89/08/14, 09:57 Start	DOY=226 Peak	End times	S19W64 SMM Pointing:	Pitch=+611", Yaw=-631", Roll=-20deg	H. Ang=68deg
GOES 09:57:57	09:58:05	09:58:19	Qual=00 Qual=01 Qual= 5	MaxkeV=102 FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	Flags=I #Peaks=1 Step=0" Step=0"
BGS 09:24	09:57	09:58	Peak...c/s=41 CaPeak.c/s=32	Tot Cts=136 FePeak=09:57	dt= 7.7s Cad=1.02s Pitch=+491", Yaw=-453"
FCS			Wavelength=2788A	Exp #=94082	
UVSP 10:13					
Event # = 12588 89/08/14, 10:16 Start	DOY=226 Peak	End times	S19W64 SMM Pointing:	Pitch=+611", Yaw=-631", Roll=-20deg	H. Ang=68deg
Optical			N15E47 Qual=03 Qual=01 Code=00	Mac.=EKI	H. Ang=47deg
GOES 10:11	10:16	10:24	Ha...Class=1N Importance=M1	Carr. Lon.=324deg	
HXRBS 10:11:04	10:13:54	10:17:00	Peak...c/s=467 Wavelength=2788A	MaxkeV=231 Rast=180"x1"	Flags=I Step=0" Pitch=+491", Yaw=-453"
UVSP 10:13			8800/80 15400/72	Tot Cts=23400 Exp #=94082	
Radio			Frequency(MHz)/Flux(sfu):		
Event # = 12589 89/08/14, 10:58 Start	DOY=226 Peak	End times	S19W65 SMM Pointing:	Pitch=+613", Yaw=-641", Roll=-20deg	H. Ang=69deg
Optical			N29E71 Qual=04 Qual=01 Qual= 5	Mac.=HAX	H. Ang=70deg
GOES 10:54	10:58	11:00	Ha...Class=SF Importance=C6	Carr. Lon.=300deg	
HXRBS 10:56:07	10:57:01	10:57:45	Peak...c/s=42 CaPeak.c/s=19	MaxkeV=102 FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	Flags=I #Peaks=1 Step=0" Step=0"
BGS 10:58	10:58	11:34	Wavelength=2788A	Tot Cts=590 FePeak=10:58	dt= 7.7s Cad=1.02s Pitch=+492", Yaw=-455"
FCS				Exp #=94083	
UVSP 10:51					
Event # = 11818 89/08/14, 11:51 Start	DOY=226 Peak	End times	S19W65 SMM Pointing:	Pitch=+613", Yaw=-641", Roll=-20deg	H. Ang=69deg
Optical			N15E46 Qual=00 Qual=01	Mac.=EKI	H. Ang=46deg
GOES 11:51:46	11:51:57	11:52:20	Ha...Class=SF	Carr. Lon.=324deg	
HXRBS 11:51:46	11:51:57	11:52:20	Peak...c/s=48 Wavelength=2788A	MaxkeV=102 Rast=180"x1"	Step=0" Pitch=+492", Yaw=-458"
UVSP 11:46				Tot Cts=205 Exp #=94084	
Event # = 23100 89/08/14, 12:30 Start	DOY=226 Peak	End times	S20W67 Qual=04 Qual= 1	Mac.=EKI	H. Ang=71deg
Optical			Ha...Class=SF	Carr. Lon.=77deg	
GOES 12:29	12:30	13:26	CaPeak.c/s=106	FePeak.c/s=18 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"
BGS 12:29	12:30	13:26	Wavelength=2788A	Tot Cts=205 Exp #=94085	dt= 3.8s Cad= 262s Pitch=+492", Yaw=-461"
FCS					
UVSP 12:22					
Event # = 11819 89/08/14, 13:22 Start	DOY=226 Peak	End times	S19W65 SMM Pointing:	Pitch=+613", Yaw=-641", Roll=-20deg	H. Ang=69deg
GOES 13:21:55	13:22:06	13:22:26	Qual=00 Qual=01	MaxkeV=102 Rast=180"x1"	Step=0" Pitch=+492", Yaw=-464"
HXRBS 13:21:55	13:22:06	13:22:26	Peak...c/s=38 Wavelength=2788A	Tot Cts=166 Exp #=94086	
UVSP 13:19					

Event # = 23101		D0Y=226							
89/08/14,14:50	Start	14:47	14:50	14:54	14:50	Qual=00	Qual=1	FePeak=14:50	Exp #=94088
GOES									
BCS									
FCS									
UVSP									
Event # = 23102		D0Y=226							
89/08/14,15:35	Start	15:34	15:35	16:24	15:35	Qual=00	Qual=5	FePeak=15:35	Exp #=94089
GOES									
BCS									
FCS									
UVSP									
Event # = 23103		D0Y=226							
89/08/14,17:22	Start	17:16	17:22	18:03	17:20	Qual=00	Qual=1	FePeak=17:20	Exp #=94091
GOES									
BCS									
FCS									
UVSP									
Event # = 11820		D0Y=226							
89/08/14,18:59	Start	18:55	18:59	19:04	18:57:34	Qual=01	Qual=01	Tot Cts=723	Exp #=94093
GOES									
HXRBS									
UVSP									
Event # = 23104		D0Y=226							
89/08/14,19:24	Start	19:14	19:24	19:38	19:31	Qual=05	Qual=5	FePeak=19:31	Exp #=94094
GOES									
BCS									
FCS									
UVSP									
Event # = 11821		D0Y=226							
89/08/14,20:26	Start	20:10	20:26	20:31	20:26:04	Qual=01	Qual=01	Tot Cts=1540	Exp #=94096
GOES									
HXRBS									
BCS									
FCS									
UVSP									

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- BCS 20:12 20:12 20:13 CaPeak.c/s=18 Associated Event # = 23105 dt= 7.7s XEN=922613
- FCS 20:15 20:12 20:13 FePeak=20:12 Qual= 5 FePeak=20:12 #Peaks=1 Step=10" Cad= 590s XEN=922618
- UVSP 20:15 20:12 20:13 Wavelength=1375A Exp #=94095 Rast=240"x240" Step=5" Pitch=622" ,Yaw=-658"
-----
Event # = 23106
89/08/14,21:47 DOY=226 Peak Start End times
Optical Ha...Class=1F N17E41 Carr. Lon.=324deg H. Ang=41deg
GOES 21:43 21:47 21:50 CaPeak.c/s=23 Qual=00 AR5643 #Peaks=1 dt= 7.7s XEN=922618
FCS 21:43 21:47 21:50 Wavelength=1375A FePeak=21:46 FePeak.c/s=6 #Peaks=1 Step=10" Cad= 590s XEN=922618
UVSP 21:48 21:48 21:50 Wavelength=1375A Exp #=94103 Rast=265"x265" Step=5" Pitch=622" ,Yaw=-663"
-----
Event # = 11822
89/08/14,22:00 DOY=226 Peak Start End times
Optical SMM Pointing: S19W70 Pitch=+614" ,Yaw=-672" ,Roll=-20deg H. Ang=74deg
GOES 21:56 22:00 22:02 Ha...Class=IN S19W30 AR5634 Carr. Lon.=35deg H. Ang=39deg
Optical Ha...Class=SF S18W73 AR5629 Carr. Lon.=78deg H. Ang=76deg
GOES 21:57:29 21:57:44 21:58:02 Importance=C5 Qual=01 Tot Cts=328 #Peaks=1 dt= 3.8s XEN=922615
HXRBs 21:57:29 21:57:44 21:58:02 Peak...c/s=57 Qual=01 FePeak=21:56 FePeak.c/s=16 #Peaks=1 Step=10" Cad= 590s XEN=922618
FCS 21:53 21:56 22:25 CaPeak.c/s=70 Qual=1 Code=00 Rast=0"x0" Step=5" Pitch=622" ,Yaw=-663"
UVSP 21:50 21:50 22:25 Wavelength=1375A Code=00 Exp #=94104 Rast=265"x265" Step=5" Pitch=622" ,Yaw=-663"
-----
Event # = 11823
89/08/14,22:05 DOY=226 Peak Start End times
GOES 22:05:30 22:05:44 22:06:05 Peak...c/s=73 Qual=00 MaxkeV=102 H. Ang=74deg
HXRBs 22:05:30 22:05:44 22:06:05 Wavelength=1375A Qual=01 Tot Cts=585 Pitch=+614" ,Yaw=-672" ,Roll=-20deg
UVSP 21:50 22:05:30 22:06:05 Wavelength=1375A Exp #=94104 Rast=110"x200" Step=5" Pitch=+549" ,Yaw=-691"
Radio Frequency(MHz)/Flux(sfu): 15400/57
-----
Event # = 23107
89/08/14,22:37 DOY=226 Peak Start End times
GOES 22:31 22:37 22:41 CaPeak.c/s=50 Qual=00 FePeak=22:37 dt= 7.7s XEN=922616
BCS 22:31 22:37 22:41 Wavelength=1375A Qual=1 FePeak=22:37 Step=15" Cad= 262s XEN=922618
FCS 22:31 22:37 22:41 Wavelength=1375A Exp #=94108 Rast=110"x200" Step=5" Pitch=+549" ,Yaw=-692"
UVSP 22:26 22:31 22:41 Wavelength=1375A Exp #=94108 Rast=110"x200" Step=5" Pitch=+549" ,Yaw=-692"
-----
Event # = 11825
89/08/15,00:16 DOY=227 Peak Start End times
Optical SMM Pointing: S19W72 Pitch=+615" ,Yaw=-682" ,Roll=-20deg H. Ang=75deg
GOES 23:19 00:16 01:20 Ha...Class=SF S16W75 AR5629 Carr. Lon.=79deg H. Ang=78deg
HXRBs 23:44:49 00:01:21 00:12:48 Importance=M3 Qual=03 Tot Cts=2.08E+5 Flags=M5,EN #Peaks=2 dt= 7.7s XEN=922617
BCS 23:15 23:28 00:13 CaPeak.c/s=1963 Qual=1 FePeak=23:27 FePeak.c/s=579 #Peaks=2 Step=15" Cad= 262s XEN=922618
FCS 00:14 23:28 00:13 Wavelength=1375A Code=00 Exp #=94117 Rast=240"x240" Step=5" Pitch=622" ,Yaw=-670"
UVSP 00:14 23:28 00:13 Wavelength=1375A Exp #=94117 Rast=265"x265" Step=5" Pitch=622" ,Yaw=-670"
Radio Frequency(MHz)/Flux(sfu): 410/57 2695/180 8800/950 15400/950
HXRBs 23:20:04 23:25:04 23:38:22 Peak...c/s=744 Qual=12 Associated Event # = 11824 MaxkeV=144 Flags=SM,DG
UVSP 23:23 23:25:04 23:38:22 Wavelength=1375A Exp #=94112 Rast=110"x200" Step=5" Pitch=+609" ,Yaw=-695"
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Event # = 11826	89/08/15,00:52	DOY=227	Peak	SMM Pointing:	S19W72	Pitch=+615",	Yaw=-682",	Roll=-20deg	H.Ang=75deg
Optical	Start	End times		Ha...Class=SF	S18W74	Mac.=EKC	Carr.Lon.=77deg		H.Ang=77deg
GOES	00:46	01:10		Importance=M2	Qual=01				
HXRBS	00:46:20	01:04:46		Peak...c/s=189	Qual=01				
UVSP									
Radio	Frequency(MHz)/Flux(sfu):	15400/53							Pitch=+625",
									Yaw=-668"
Optical				Associated Event # = 11827					
HXRBS	01:05:08	01:06:46	01:14:25	Ha...Class=SF	S18W74	MaxkeV=144	Carr.Lon.=77deg		H.Ang=77deg
UVSP	00:55			Peak...c/s=248	Qual=01				
Radio	Frequency(MHz)/Flux(sfu):	15400/120		Wavelength=1375A					
									Pitch=+619",
									Yaw=-700"
Event # = 11828	89/08/15,01:28	DOY=227	Peak	SMM Pointing:	S19W72	Pitch=+615",	Yaw=-682",	Roll=-20deg	H.Ang=75deg
Optical	Start	End times		Importance=M3	Qual=01				
GOES	01:20	01:45		Peak...c/s=142	Qual=01				
HXRBS	01:17:55	01:22:06	01:45:13	Wavelength=1375A					
UVSP	01:27								
Radio	Frequency(MHz)/Flux(sfu):	15400/120							
									Pitch=+622",
									Yaw=-673"
Event # = 11829	89/08/15,03:15	DOY=227	Peak	SMM Pointing:	S19W72	Pitch=+615",	Yaw=-682",	Roll=-20deg	H.Ang=75deg
Optical	Start	End times		Ha...Class=SF	S18W73	Mac.=EKC	Carr.Lon.=75deg		H.Ang=76deg
GOES	02:15	05:23		Importance=X1	Qual=02				H.Ang=37deg
HXRBS	02:18:32	02:57:33	04:49:32	Peak...c/s=4882	Qual=14				
GRS	02:35:00	04:15:00							
FCS	03:52	04:50		CaPeak.c/s=2431	Qual= 5				Dur=6000sec
UVSP	03:03			Wavelength=1375A	Code=00				XEN=922703
Radio Sweeps				IV/2					Cad= 262s
Radio	Type/Intensity:			245/120					1.024s/pixel
	Frequency(MHz)/Flux(sfu):	410/5000		606/28000					Pitch=+569",
									Yaw=-705"
									15400/22000
Event # = 11830	89/08/15,05:28	DOY=227	Peak	SMM Pointing:	S19W74	Pitch=+615",	Yaw=-692",	Roll=-20deg	H.Ang=77deg
Optical	Start	End times		Ha...Class=SF	Qual=00				
GOES	05:26:41	05:26:58	05:27:23	Peak...c/s=46	Qual=01				
HXRBS	05:25	05:28	06:22	CaPeak.c/s=408	Qual= 5				
BGS									
FCS									
UVSP	05:29			Wavelength=1375A					
Radio	Frequency(MHz)/Flux(sfu):	410/5000							
Event # = 11831	89/08/15,07:21	DOY=227	Peak	SMM Pointing:	S19W74	Pitch=+615",	Yaw=-692",	Roll=-20deg	H.Ang=77deg
Optical	Start	End times		Ha...Class=SF	Qual=00				
GOES	07:21:52	07:21:55	07:22:22	Peak...c/s=44	Qual=01				
HXRBS	07:20			Wavelength=1375A					
UVSP									
Radio	Frequency(MHz)/Flux(sfu):	15400/120							
									Pitch=+622",
									Yaw=-687"

Event # = 11833	DOY=227	S19W76	Pitch=+614", Yaw=-703", Roll=-20deg	H.Ang=80deg
89/08/15,09:32	Peak	AR5629	Mac.=EKC	H.Ang=82deg
Optical	End times			
GOES 09:24	09:32	09:48	MaxkeV=102	
HXRBS 09:24:23	09:25:31	09:26:16	FePeak.c/s=21	#Peaks=2 dt= 7.7s XEN=922705
BCS 08:59	09:25	09:27	Rast=240"x240"	Step=15" Cad= 262s 1.024s/pixel
FCS			Rast=180" x1"	Pitch=+493", Yaw=-520"
UVSP 09:18			Wave length=2788A	Code=00 Exp #=94159
Event # = 23109	DOY=227	S19W76	Pitch=+614", Yaw=-703", Roll=-20deg	H.Ang=80deg
89/08/15,10:48	Peak	AR5629	Mac.=EKC	H.Ang=82deg
Optical	End times			
GOES 10:01	10:48	10:59	FePeak.c/s=9	#Peaks=2 dt= 7.7s XEN=922706
BCS 10:01	10:48	10:59	Rast=240"x240"	Step=15" Cad= 262s 1.024s/pixel
FCS			Rast=180" x1"	Pitch=+493", Yaw=-523"
UVSP 10:51			Wave length=2788A	Code=00 Exp #=94161
Event # = 11832	DOY=227	S19W76	Pitch=+614", Yaw=-703", Roll=-20deg	H.Ang=80deg
89/08/15,12:36	Peak	AR5629	Mac.=EKC	H.Ang=82deg
Optical	End times			
GOES 12:24	12:36	12:56	MaxkeV=144	#Peaks=1 dt= 3.8s XEN=922707
HXRBS 12:29:58	12:30:14	12:30:27	FePeak.c/s=8	Step=0" Cad=1.02s 1.024s/pixel
BCS 11:34	12:30	12:32	Rast=0" x0"	Step=0" Pitch=+492", Yaw=-526"
FCS			Rast=180" x1"	
UVSP 12:23			Wave length=2788A	Code=00 Exp #=94163
Event # = 11834	DOY=227	S19W79	Pitch=+613", Yaw=-713", Roll=-20deg	H.Ang=82deg
89/08/15,14:09	Peak	AR5629	Mac.=EKC	H.Ang=82deg
Optical	End times			
GOES 13:27	14:09	15:06	MaxkeV=102	#Peaks=1 dt= 7.7s XEN=922708
HXRBS 13:45:52	13:48:09	14:03:01	FePeak.c/s=523	Step=15" Cad= 262s 1.024s/pixel
BCS 13:06	14:02	14:04	Rast=240" x240"	Step=0" Pitch=+492", Yaw=-528"
FCS			Rast=180" x1"	
UVSP 13:56			Wave length=2788A	Code=01 Exp #=94165
Radio	Frequency(MHz)/Flux(sfu):	1415/140 2695/150 4995/260 8800/130 15400/91		
BCS 14:39	14:39	15:35	FePeak.c/s=21	#Peaks=1 dt= 3.8s XEN=922709
FCS			Rast=240" x240"	Step=15" Cad= 262s 1.024s/pixel
UVSP 14:31			Rast=180" x1"	Step=0" Pitch=+485", Yaw=-534"
Event # = 23111	DOY=227	S19W76	Pitch=+614", Yaw=-703", Roll=-20deg	H.Ang=80deg
89/08/15,15:35	Peak	AR5629	Mac.=EKC	H.Ang=82deg
Optical	End times			
GOES 15:35	15:35	15:36	FePeak.c/s=5	#Peaks=1 dt= 7.7s XEN=922710
BCS 15:35	15:35	15:36	Rast=240" x240"	Step=15" Cad= 262s 1.024s/pixel
FCS			Rast=180" x1"	Step=0" Pitch=+485", Yaw=-536"
UVSP 15:28			Wave length=2788A	Code=00 Exp #=94167

Event # = 11835  
 89/08/15, 16:09 Start DOY=227 Peak  
 Optical SMM Pointing: S19W79 Pitch=+613", Yaw=-713", Roll=-20deg H. Ang=82deg  
 GOES Ha...Class=SF AR5643 Mac.=EKC Carr. Lon.=327deg H. Ang=29deg  
 HXRBS 16:09:25 16:09:44 16:11:25 Peak...c/s=82 Tot Cts=2136 MaxkeV=144  
 UVSP 16:03 Wavelength=2788A Qual=01 Exp #=94168 Rast=180"x1" Step=0" Pitch=+484", Yaw=-537"  
 Radio Frequency(MHz)/Flux(sfu): 2695/130 4995/320 8800/190 15400/86

Event # = 11836  
 89/08/15, 17:04 Start DOY=227 Peak  
 Optical SMM Pointing: S19W81 Pitch=+605", Yaw=-723", Roll=-20deg H. Ang=83deg  
 GOES Ha...Class=SF S16W83 AR5629 Mac.=EKC Carr. Lon.=77deg H. Ang=85deg  
 HXRBS 17:00:17 17:00:47 17:02:56 Importance=C9 Qual=01 FePeak=144 dt= 3.8s XEN=922711  
 BCS 16:11 17:04 17:08 Peak...c/s=233 CaPeak.c/s=242 Qual=1 FePeak=17:03 Step=15" Cad= 262s 1.024s/pixel  
 FCS Wavelength=2788A Code=00 Exp #=94169 Step=0" Pitch=+484", Yaw=-538"  
 UVSP 16:59

Event # = 11837  
 89/08/15, 18:00 Start DOY=227 Peak  
 Optical SMM Pointing: S19W81 Pitch=+605", Yaw=-723", Roll=-20deg H. Ang=83deg  
 GOES Ha...Class=SN S16W84 AR5629 Mac.=EKC Carr. Lon.=78deg H. Ang=86deg  
 HXRBS 17:50 18:00 18:19 Importance=M1 Qual=04 MaxkeV=102  
 UVSP 17:52:11 17:56:01 17:59:41 Peak...c/s=52 Wavelength=2788A Code=01 Exp #=94170 Rast=180"x1" Step=0" Pitch=+484", Yaw=-539"

Event # = 12590  
 89/08/15, 18:40 Start DOY=227 Peak  
 Optical SMM Pointing: S19W82 Pitch=+604", Yaw=-726", Roll=-20deg H. Ang=84deg  
 GOES 18:38 18:40 18:44 Importance=C8 Qual=03 MaxkeV=369  
 HXRBS 18:38:31 18:39:02 18:39:59 Peak...c/s=1433 Qual=01 Rast=180"x1" Step=0" Pitch=+483", Yaw=-540"  
 UVSP 18:33 Type/Intensity: V/3  
 Radio Sweeps  
 Radio Frequency(MHz)/Flux(sfu): 245/490 410/89

Event # = 22199  
 89/08/15, 19:18 Start DOY=227 Peak  
 Optical SMM Pointing: S19W82 Pitch=+604", Yaw=-726", Roll=-20deg H. Ang=84deg  
 GOES 19:16 19:18 20:13 CaPeak.c/s=338 Qual=00 FePeak=19:17  
 BCS 19:18 19:27 Peak3...c/s=2 Qual=4 Exp #=94172  
 FCS Wavelength=1375A  
 UVSP 19:20

Event # = 11838  
 89/08/15, 20:51 Start DOY=227 Peak  
 Optical SMM Pointing: S19W82 Pitch=+604", Yaw=-726", Roll=-20deg H. Ang=84deg  
 GOES Ha...Class=SF S16W82 AR5629 Mac.=EKC Carr. Lon.=74deg H. Ang=84deg  
 HXRBS 20:46:11 20:46:34 20:58:29 Importance=M5 Qual=04 Tot Cts=51500  
 BCS 20:48 20:49 21:46 Peak...c/s=267 Qual=02 FePeak=20:48  
 FCS CaPeak.c/s=2853 Qual=5 dt= 3.8s XEN=922714  
 UVSP 20:52 Wavelength=1375A Code=02 Exp #=94180 Step=15" Cad= 262s 1.024s/pixel  
 Radio Frequency(MHz)/Flux(sfu): 2695/49 8800/120 15400/86 Rast=240"x240" Step=5" Pitch=+610", Yaw=-716"

Associated Event # = 12591  
 Peak...c/s=51 Qual=01 MaxkeV=102 Flags=I  
 Wavelength=1375A Exp #=94181 Rast=110"x200" Pitch=+592", Yaw=-744"  
 HXRBS 21:01:39 21:01:55 21:02:03  
 UVSP 20:56

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Event # = 12592  
 89/08/15,21:48 DOY=227 SMM Pointing: S19W82 Pitch=+604", Yaw=-726", Roll=-20deg H.Ang=84deg  
 Start 21:48 Peak 22:30 End times  
 GOES 21:22 21:48 22:30  
 HXRBS 21:20:39 21:23:38 21:36:01 Importance=M4 Qual=02  
 UVSP 21:46 Wavelength=1375A Code=00 Qual=01 MaxkeV=102 Flags=I  
 dt= 3.8s XEN=922715  
 Rast=265"x265" Pitch=+609", Yaw=-717"  
 HXRBS 21:42:57 21:43:42 21:44:24 Associated Event # = 12593  
 UVSP 21:30 Peak...c/s=62 Qual=03 Tot Cts=14800  
 dt= 3.8s XEN=922715  
 Rast=265"x265" Pitch=+591", Yaw=-744"  
 BCS 22:20 22:21 23:17 CaPeak.c/s=911 Exp #=94185  
 FCS Associated Event # = 23112  
 UVSP 22:25 Wavelength=1375A FePeak=22:21 Exp #=94188  
 dt= 3.8s XEN=922715  
 Rast=240"x240" Cad= 262s  
 Rast=265"x265" Pitch=+609", Yaw=-717"

Event # = 12594  
 89/08/15,22:31 DOY=227 SMM Pointing: S19W82 Pitch=+604", Yaw=-726", Roll=-20deg H.Ang=84deg  
 Start 22:31 Peak 22:32 End times  
 GOES 22:31:31 22:31:54 22:32:03 Qual=00  
 HXRBS 22:27 Peak...c/s=43 Qual=01 MaxkeV=102 Flags=I  
 UVSP 22:27 Wavelength=1375A Exp #=94189 Pitch=+591", Yaw=-746"

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Event # = 12595  
 89/08/15,23:06 DOY=227 SMM Pointing: S19W82 Pitch=+604", Yaw=-726", Roll=-20deg H.Ang=84deg  
 Start 23:06 Peak 23:06 End times  
 GOES 23:05:47 23:06:05 23:06:18 Qual=00  
 HXRBS 23:04 Peak...c/s=40 Qual=01 MaxkeV=102 Flags=I  
 UVSP 23:04 Wavelength=1375A Exp #=94193 Pitch=+591", Yaw=-746"

Event # = 12596  
 89/08/16,00:00 DOY=228 SMM Pointing: S19W82 Pitch=+604", Yaw=-726", Roll=-20deg H.Ang=84deg  
 Start 00:00 Peak 00:00 End times  
 GOES 23:51:29 00:00:35 00:02:23 Qual=00  
 HXRBS 00:00 Peak...c/s=50 Qual=01 MaxkeV=144 Flags=I  
 UVSP 00:00 Wavelength=1375A Exp #=94197 Pitch=+530", Yaw=-747"

Event # = 11839  
 89/08/16,00:37 DOY=228 SMM Pointing: S19W82 Pitch=+604", Yaw=-726", Roll=-20deg H.Ang=84deg  
 Start 00:37 Peak 00:49 End times  
 GOES 00:27:42 00:29:14 00:46:20 Qual=00  
 HXRBS 23:52 00:37 00:49 Peak...c/s=191 Qual=01 MaxkeV=102  
 dt= 7.7s XEN=922716  
 BCS 00:35 CaPeak.c/s=875 Qual=3 FePeak=00:31  
 FCS Wavelength=1375A Exp #=94201  
 UVSP 00:35 Rast=240"x240" Cad= 262s  
 Rast=110"x200" Pitch=+594", Yaw=-748"

Event # = 11840												
89/08/16,01:18	DOY=228	Peak	SMM Pointing:	S19W82	End times	Pitch=+604", Yaw=-726", Roll=-20deg	H. Ang=84deg					
Optical			Ha...Class=2N	S18W84								
Optical			Code=BSL	S16W90		Mac.=EKI	Carr. Lon.=74deg	H. Ang=86deg				
Optical			Code=LPS	S16W90		AR5629	Carr. Lon.=80deg	H. Ang=80deg				
GOES	00:54	01:18	Importance=X20	Qual=03		AR5629	Carr. Lon.=80deg	H. Ang=92deg				
HXRBS	01:23:04	01:23:31	06:58:14									
GRS	01:23:00	01:40:00	01:40:00									
FCS	01:25	02:11	02:23									
UVSP	01:28											
Radio	Sweeps	Type/Intensity:										
Radio	Frequency	(MHz)/Flux(sfu):										
BGS	02:57	02:58	03:55									
FCS												
UVSP	03:02											
BGS	04:29	04:30	05:27									
FCS												
UVSP	04:33											
BGS	06:19	06:23	06:59									
FCS												
UVSP	06:22											
BGS	07:59	08:02	08:31									
FCS												
UVSP	07:54											
Event # = 11855												
89/08/16,09:36	DOY=228	Peak	SMM Pointing:	S18W84	End times	Pitch=-307", Yaw=+896", Roll=180deg	H. Ang=86deg					
GOES			Qual=00									
HXRBS	09:36:12	09:37:25	09:40:29									
BGS	09:36	09:36	10:03									
FCS												
UVSP	09:31											
Event # = 11856												
89/08/16,10:01	DOY=228	Peak	SMM Pointing:	S18W84	End times	Pitch=-307", Yaw=+896", Roll=180deg	H. Ang=86deg					
GOES			Qual=00									
HXRBS	10:01:01	10:01:21	10:01:35									
BGS	09:49											
UVSP												
Event # = 23117												
89/08/16,11:12	DOY=228	Peak	SMM Pointing:	S18W84	End times	Pitch=-307", Yaw=+896", Roll=180deg	H. Ang=86deg					
GOES			Qual=00									
BGS	11:12	11:12	11:36									
FCS												
UVSP	10:43											



Event # = 11857	DOY=228	SMM Pointing: S18W84	Pitch=-307", Yaw=+896", Roll=180deg	H. Ang=86deg
89/08/16, 11:33	Peak	End times		
		Qual=00		
		Qual=01		
GOES		Peak...c/s=43	MaxkeV=102	
HXRBS	11:32:45	11:33:24	11:33:29	Tot Cts=246
UVSP	11:30	11:33:24	11:33:29	Exp #=94255
		WaveLength=2788A	Step=0"	Pitch=-427", Yaw=+1081"
Event # = 23118	DOY=228			
89/08/16, 12:12	Peak	End times		
		Qual=00		
		Qual=5		
GOES		CaPeak.c/s=509	FePeak=12:12	dt= 3.8s XEN=922808
BCS	12:11	12:12	13:08	Step=0"
FCS				Cad=1.02s 1.024s/pixel
UVSP	12:03	12:12	13:08	Step=0"
		WaveLength=2788A	Exp #=94256	Pitch=-427", Yaw=+1081"
Event # = 23119	DOY=228			
89/08/16, 14:26	Peak	End times		
		Qual=00		
		Qual=5		
GOES		CaPeak.c/s=237	FePeak=13:50	dt= 7.7s XEN=922809
BCS	13:43	14:26	14:39	Step=15"
FCS				Cad= 262s 1.024s/pixel
UVSP	14:32	14:26	14:39	Step=0"
		WaveLength=2788A	Exp #=94259	Pitch=-1017", Yaw=-121"
Event # = 23120	DOY=228			
89/08/16, 15:29	Peak	End times		
		Qual=00		
		Qual=4		
GOES		CaPeak.c/s=194	FePeak=15:27	dt= 7.7s XEN=922810
BCS	15:15	15:29	16:12	Step=2"
FCS				Step=0"
UVSP	15:09	15:29	16:12	Step=0"
		WaveLength=2788A	Exp #=94260	Cad=1.02s 1.024s/pixel
Event # = 23121	DOY=228			
89/08/16, 17:03	Peak	End times		
		Qual=00		
		Qual=3		
GOES		CaPeak.c/s=155	FePeak=17:00	dt= 7.7s XEN=922815
BCS	16:48	17:03	17:08	Step=15"
FCS				Step=0"
UVSP	16:40	17:03	17:08	Step=0"
		WaveLength=2788A	Exp #=94262	Cad= 262s 1.024s/pixel
Event # = 23122	DOY=228			
89/08/16, 18:43	Peak	End times		
		Qual=00		
		Qual=3		
GOES		CaPeak.c/s=131	FePeak=18:42	dt= 7.7s XEN=922811
BCS	18:20	18:43	19:17	Step=3"
FCS				Step=15"
UVSP	19:09	18:43	19:17	Step=0"
		WaveLength=2788A	Exp #=94265	Cad= 262s 1.024s/pixel
Event # = 11841	DOY=228	SMM Pointing: S17W73	Pitch=-354", Yaw=+849", Roll=177deg	H. Ang=76deg
89/08/16, 19:31	Peak	End times		
		Ha...Class=SF	Mac.=CSO	Carr. Lon.=309deg
Optical		Importance=C7	AR5644	H. Ang=33deg
GOES	19:15	19:31	19:44	
HXRBS	19:11:47	19:11:58	19:12:16	Tot Cts=136
UVSP	19:09	19:11:58	19:12:16	Exp #=94265
		WaveLength=2788A	Code=01	Step=0"
				Pitch=-474", Yaw=+1034"

Event # = 23123		DOY=228											
89/08/16,19:59	Start	19:59	Peak	19:59	20:49	End times	20:49	20:49	19:58	19:58	19:58	19:58	19:58
GOES													
BCS													
FCS													
UVSP													
Event # = 23124		DOY=228											
89/08/16,21:23	Start	21:23	Peak	21:23	21:36	End times	21:36	21:36	21:25	21:25	21:25	21:25	21:25
Optical													
GOES													
BCS													
FCS													
UVSP													
Event # = 11842		DOY=228											
89/08/16,23:28	Start	23:28	Peak	23:28	23:46	End times	23:46	23:46	23:25:16	23:25:16	23:25:16	23:25:16	23:25:16
Optical													
GOES													
HXRBS													
BCS													
FCS													
UVSP													
Radio													
Event # = 11843		DOY=229											
89/08/17,01:22	Start	01:22	Peak	01:22	01:13:21	End times	01:13:21	01:13:21	01:13:21	01:13:21	01:13:21	01:13:21	01:13:21
Optical													
GOES													
HXRBS													
BCS													
FCS													
UVSP													
Radio													
Event # = 11844		DOY=229											
89/08/17,01:22	Start	01:22	Peak	01:22	01:13:21	End times	01:13:21	01:13:21	01:13:21	01:13:21	01:13:21	01:13:21	01:13:21
Optical													
GOES													
HXRBS													
BCS													
FCS													
UVSP													
Radio													

----- Associated Event # = 23128 -----  
 dt= 3.8s XEN=922904  
 #Peaks=1  
 Step=10" FePeak.c/s=47  
 Rast=30"x30" Cad=4.61s 0.512s/pixel  
 Step=5" Rast=110"x200" Pitch=+574", Yaw=-782"

BCS 06:59 06:59 07:34 CaPeak.c/s=426 Qual= 5 FePeak=06:59  
 FCS UVSP 06:46 Wavelength=1375A Exp #=94323

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Event # = 23129  
 89/08/17 08:37 DOY=229 Peak End times  
 GOES 08:37 08:37 09:07 FePeak=08:37 Qual=00  
 BCS FCS UVSP 08:36 CaPeak.c/s=263 Qual= 5  
 Wavelength=1375A Exp #=94333

Event # = 23130  
 89/08/17 10:13 DOY=229 Peak End times  
 GOES 10:13 10:13 10:39 FePeak=10:14 Qual=00  
 BCS FCS UVSP 10:07 CaPeak.c/s=145 Qual= 5  
 Wavelength=1375A Exp #=94341

Event # = 23131  
 89/08/17 11:49 DOY=229 Peak End times  
 GOES 11:49 11:49 12:11 FePeak=11:50 Qual=00  
 BCS FCS UVSP 12:04 CaPeak.c/s=82 Qual= 5  
 Wavelength=2788A Exp #=94345

Event # = 23132  
 89/08/17 12:50 DOY=229 Peak End times  
 Optical Code=LPS S17W90 AR5629  
 BCS 12:47 12:50 13:44 CaPeak.c/s=65 Qual= 5 FePeak=12:50  
 FCS UVSP 12:40 Wavelength=2788A Exp #=94346

Event # = 23133  
 89/08/17 14:20 DOY=229 Peak End times  
 GOES 14:20 14:20 15:15 FePeak=14:26 Qual=00  
 BCS FCS UVSP 14:11 CaPeak.c/s=40 Qual= 5  
 Wavelength=2788A Exp #=94348

Event # = 23134  
 89/08/17 15:54 DOY=229 Peak End times  
 GOES 15:53 15:54 16:42 FePeak=16:02 Qual=00  
 BCS FCS UVSP 15:45 CaPeak.c/s=21 Qual= 5  
 Wavelength=2788A Exp #=94350

Event # = 11845				
89/08/17, 19:24	DOY=229			
Optical	Start	End times	SMM Pointing:	
Optical			Ha...Class=1F	S17W74
Optical			Ha...Class=SF	N19W10
GOES	18:43	21:30	Code=EPL	N17E06
HXRBS	18:54:20	19:08:04	Importance=M3	S14W90
BCS	18:57	19:52	Qual=03	
FCS			Qual=02	
UVSP	19:21		CaPeak.c/s=1256	
Radio Sweeps			Wavelength=1375A	
Radio			Code=00	
Radio			Exp #=94362	
BCS	20:29	21:25	245/300 410/280	606/140 1415/120 2695/53
FCS			Associated	Event # = 23135
UVSP	20:32		Qual=5	FePeak=20:36
			Wavelength=1375A	
Event # = 11846				
89/08/17, 20:34	DOY=229			
GOES	Start	End times	SMM Pointing:	
HXRBS	20:33:58	20:34:36	Peak...c/s=43	S15W77
UVSP	20:32		Wavelength=1375A	
			Qual=00	
			Qual=01	
			Tot Cts=297	
			Exp #=94367	
Event # = 11847				
89/08/17, 21:22	DOY=229			
GOES	Start	End times	SMM Pointing:	
HXRBS	21:22:42	21:22:56	Peak...c/s=52	S15W77
UVSP	21:11		Wavelength=1375A	
			Qual=00	
			Qual=01	
			Tot Cts=117	
			Exp #=94372	
Event # = 23136				
89/08/17, 22:02	DOY=229			
GOES	Start	End times	SMM Pointing:	
BCS	22:01	22:55	CaPeak.c/s=32	
FCS			Wavelength=1375A	
UVSP	22:06			
			Qual=00	
			Qual=5	
			FePeak=22:06	
			Exp #=94375	
Event # = 11848				
89/08/18, 00:02	DOY=230			
GOES	Start	End times	SMM Pointing:	
HXRBS	23:39:01	23:44:36	Peak...c/s=150	
BCS	23:33	00:02	CaPeak.c/s=271	
FCS			Wavelength=1375A	
UVSP	23:58			
			Qual=03	
			Qual=03	
			Qual=3	
			Tot Cts=21451	
			FePeak=23:50	
			Exp #=94386	

Event # = 23137  
 89/08/18, 01:06 DOY=230 Peak End times  
 GOES 01:06 01:06 02:01 Qual=00 FePeak=01:16 dt= 7.7s XEN=923000  
 BCS 01:06 01:06 02:01 CaPeak.c/s=114 Qual= 5 FePeak=01:16 Cad= 262s 1.024s/pixel  
 FCS 01:06 01:06 02:01 Wavelength=1375A Exp #=94391 Pitch=+602", Yaw=-754"  
 UVSP 01:09

Event # = 23138  
 89/08/18, 17:14 DOY=230 Peak End times  
 Optical N12W10 Carr. Lon.=325deg H. Ang=11deg  
 GOES 17:12 17:14 17:20 Ha...Class=SF AR5643 #Peaks=1 dt= 7.7s XEN=923001  
 BCS 17:12 17:14 17:20 CaPeak.c/s=24 Qual= 1 FePeak=17:13 Step=15 Cad=1.02s 1.024s/pixel  
 FCS 17:12 17:14 17:20 Wavelength=2788A Exp #=94446 Step=0" Pitch=+69", Yaw=-39"  
 UVSP 17:17

89/08/19 DOY=231  
 Event # = 23139  
 89/08/19, 01:42 DOY=231 Peak End times  
 GOES 01:41 01:42 01:49 Qual=00 FePeak=01:43 dt= 7.7s XEN=923100  
 BCS 01:41 01:42 01:49 CaPeak.c/s=26 Qual= 4 FePeak=01:43 Cad=1.02s 1.024s/pixel  
 FCS 01:41 01:42 01:49 Wavelength=2788A Exp #=94457 Step=0" Pitch=+92", Yaw=-106"  
 UVSP 01:32

Event # = 23140  
 89/08/19, 02:03 DOY=231 Peak End times  
 Optical N16W18 Carr. Lon.=328deg H. Ang=20deg  
 GOES 02:03 02:03 02:06 Ha...Class=SF AR5643 #Peaks=1 dt= 7.7s XEN=923101  
 BCS 02:03 02:03 02:06 CaPeak.c/s=24 Qual= 4 FePeak=02:03 Step=15 Cad=1.02s 1.024s/pixel  
 FCS 02:03 02:03 02:06 Wavelength=2788A Exp #=94458 Step=0" Pitch=+94", Yaw=-114"  
 UVSP 02:30

Event # = 11849  
 89/08/19, 02:07 DOY=231 Peak End times  
 SMM Pointing: N15W16 H. Ang=18deg  
 GOES 02:07:23 02:07:56 02:10:04 Qual=00 Pitch=-44", Yaw=-287", Roll=-20deg  
 HXRBS 02:07:23 02:07:56 02:10:04 Peak...c/s=55 Qual=01 MaxkeV=144  
 UVSP 02:30 Wavelength=2788A Exp #=94458 Step=0" Pitch=+94", Yaw=-114"  
 Radio Frequency(MHz)/Flux(sfu): 410/170 8800/23 15400/35

Event # = 23141  
 89/08/19, 02:56 DOY=231 Peak End times  
 Optical N16W17 Carr. Lon.=326deg H. Ang=19deg  
 GOES 02:46 02:56 03:05 Ha...Class=SF AR5643 #Peaks=1 dt= 7.7s XEN=923102  
 BCS 03:12 03:13 03:17 Importance=69 Qual=05 Step=15 Cad=1.02s 1.024s/pixel  
 FCS 03:12 03:13 03:17 CaPeak.c/s=22 Qual= 5 FePeak=03:15 Step=0" Pitch=+94", Yaw=-114"  
 UVSP 03:16 Wavelength=1375A Exp #=94459 Step=5" Pitch=-31", Yaw=-292"

Event # = 11850		SMM Pointing:		N15W26		Pitch=-1",Yaw=-425",Roll=-20deg		H.Ang=27deg	
89/08/19,18:39	DOY=231	Start	End times	Peak					
GOES									
HXRBS	18:38:42	18:39:09	18:39:24	Peak...c/s=47	Qual=00				
UVSP	18:27			Wave length=2788A	Qual=01	Tot Cts=353	MaxkeV=102		
Radio	Frequency(MHz)/Flux(sfu):		2695/56			Exp #=94507	Rast=180"x1"	Step=0"	Pitch=+133",Yaw=-238"
Event # = 11851		SMM Pointing:		N15W26		Pitch=-1",Yaw=-425",Roll=-20deg		H.Ang=27deg	
89/08/19,20:07	DOY=231	Start	End times	Peak					
Optical									
GOES	19:15	20:07	21:30	Ha...Class=IN	N27E02	AR5645	Mac.=DKI	Carr. Lon.=298deg	H.Ang=20deg
HXRBS	19:18:36	19:19:10	19:20:14	Importance=C8	Qual=03		MaxkeV=102		
UVSP	19:25			Peak...c/s=53	Qual=01	Tot Cts=914	Rast=180"x1"	Step=0"	Pitch=+136",Yaw=-246"
Event # = 23142		SMM Pointing:		N18W28		Carr. Lon.=327deg		H.Ang=29deg	
89/08/19,21:40	DOY=231	Start	End times	Peak					
Optical									
GOES	21:39	21:40	21:57	Ha...Class=SF	N18W28	AR5643	Mac.=EKC		
BCS				CaPeak.c/s=148	Qual=00	FePeak=21:39	FePeak.c/s=24	#Peaks=1	dt= 3.8s
FCS				Wave length=2788A	Qual= 5	Exp #=94511	Rast=240"x240"	Step=15"	XEN=923103
UVSP	21:30						Rast=180"x1"	Step=0"	Pitch=+140",Yaw=-262"
Event # = 23143		SMM Pointing:		N17W35		Carr. Lon.=325deg		H.Ang=36deg	
89/08/20,13:01	DOY=232	Start	End times	Peak					
Optical									
GOES	13:01	13:01	13:06	Ha...Class=SF	N17W35	AR5643	Mac.=EKC		
BCS				CaPeak.c/s=48	Qual=00	FePeak=13:01	FePeak.c/s=7	dt= 3.8s	XEN=923200
FCS				Wave length=2788A	Qual= 6	Exp #=94552	Rast=240"x240"	Step=15"	Cad= 262s
UVSP	12:53						Rast=180"x1"	Step=0"	Pitch=+172",Yaw=-373"
Event # = 11852		SMM Pointing:		N15W38		Pitch=+47",Yaw=-590",Roll=-20deg		H.Ang=39deg	
89/08/20,17:40	DOY=232	Start	End times	Peak					
GOES									
HXRBS	17:39:47	17:40:07	17:40:14	Peak...c/s=43	Qual=01	Tot Cts=199	MaxkeV=102		
UVSP	17:30			Wave length=2788A	Qual=01	Exp #=94558	Rast=180"x1"	Step=0"	Pitch=+180",Yaw=-404"
Event # = 23144		SMM Pointing:		N15W41		Pitch=+54",Yaw=-621",Roll=-20deg		H.Ang=41deg	
89/08/20,20:53	DOY=232	Start	End times	Peak					
GOES									
BCS	20:50	20:53	20:57	CaPeak.c/s=30	Qual=01	FePeak=20:53	FePeak.c/s=11	dt= 7.7s	XEN=923201
FCS				Wave length=2788A	Qual= 6	Exp #=94565	Rast=0"x0"	Step=0"	Cad=1.02s
Event # = 11853		SMM Pointing:		N15W41		Pitch=+190",Yaw=-441"		H.Ang=41deg	
89/08/20,22:26	DOY=232	Start	End times	Peak					
GOES									
HXRBS	22:26:27	22:26:39	22:26:44	Peak...c/s=36	Qual=01	Tot Cts=93	MaxkeV=102		
UVSP	23:04			Wave length=2788A	Qual=01	Exp #=94565	Rast=180"x1"	Step=0"	Pitch=+190",Yaw=-441"

Event # = 23145	D0Y=232	Peak	End times	Mac. = DAO	Carr. Lon. = 309deg	H. Ang = 27deg
89/08/20, 23:00				FePeak.c/s=13	#Peaks=1	XEN=923202
Optical	N20W24	AR5644		Rast=240"x240"	Step=15"	1.024s/pixel
GOES	Qual=03	FePeak=23:02		Rast=180"x1"	Step=0"	Pitch=+190", Yaw=-441"
BGS	Qual=3	Exp #=94565				
FCS	CaPeak.c/s=60					
UVSP	Wave length=2788A					
Event # = 11854	89/08/21	D0Y=233				
89/08/21, 01:47	N15W43			Pitch=+60", Yaw=-641"	Roll=-20deg	H. Ang=43deg
GOES	Qual=01			MaxkeV=102	Step=0"	Pitch=+195", Yaw=-460"
HXRBS	Qual=01	Tot Cts=139		Rast=180"x1"		
UVSP	Peak...c/s=41	Exp #=94569				
Wave length=2788A						
Event # = 23146	89/08/22	D0Y=234				
89/08/22, 02:28				Mac. = CR0	Carr. Lon. = 245deg	H. Ang=36deg
Optical	S20E25	AR5652		FePeak.c/s=13	#Peaks=1	XEN=923400
GOES	Qual=01	FePeak=02:08		Rast=0"x0"	Step=0"	1.024s/pixel
BGS	Qual=1	Exp #=94622		Rast=180"x1"	Step=0"	Pitch=+191", Yaw=-599"
FCS	Ha...Class=SF					
UVSP	Importance=C3					
CaPeak.c/s=40						
Wave length=2788A						
Event # = 23147	89/08/23	D0Y=235				
89/08/22, 18:55				FePeak.c/s=10	#Peaks=1	XEN=923401
GOES	Qual=01	FePeak=18:55		Rast=0"x0"	Step=0"	1.024s/pixel
BGS	Qual=6	Exp #=94671		Rast=265"x265"	Step=5"	Pitch=+221", Yaw=+841"
FCS	CaPeak.c/s=30					
UVSP	Wave length=1375A					
Event # = 23148	89/08/23	D0Y=235				
89/08/23, 02:27				FePeak.c/s=10	#Peaks=1	XEN=923500
GOES	Qual=05	FePeak=02:30		Rast=0"x0"	Step=0"	1.024s/pixel
BGS	Qual=5	Exp #=94702		Rast=180"x1"	Step=0"	Pitch=+202", Yaw=-694"
FCS	Importance=C2					
UVSP	CaPeak.c/s=28					
Wave length=2788A						
Event # = 11858	89/08/23	D0Y=235				
89/08/23, 09:28	N17W72			Pitch=+68", Yaw=-895"	Roll=-20deg	H. Ang=71deg
GOES	Qual=03			MaxkeV=102	Flags=SA, DG	
HXRBS	Qual=12	Tot Cts=1486		Rast=10"x10"	Step=0"	Pitch=-23", Yaw=-779"
UVSP	Qual=12	Exp #=94739				
Radio	Importance=M1					
Frequency(MHz)/Flux(sfu):	Peak...c/s=49					
	Wave length=1375A					
	Code=00					
	245/170					

Event # = 23150		DOY=235													
89/08/23,13:50	Start	End times													
GOES	13:46	13:50	13:56	CaPeak.c/s=27	Qual=00	FePeak=13:49	Exp #=94744	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=923502				
BGS	14:04			Wavelength=2788A	Qual= 4			Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel				
FCS								Rast=180"x1"	Step=0"	Pitch=+202"	Yaw=-727"				
UVSP															
Event # = 11862		DOY=235													
89/08/23,15:00	Start	End times													
Optical	14:46	15:00	15:13	SMM Pointing:	N17W74			Pitch=+68"	Yaw=-905"	Roll=-20deg	H. Ang=73deg				
GOES	14:46	14:48	14:50	Ha...Class=SF	N28W70	AR5658									
HXRBS	14:46	14:48	14:50	Importance=C7	Qual=03										
BGS	14:48	14:57	15:22	Peak...c/s=42	Qual=01	Tot Cts=1034		Maxkey=102	#Peaks=1	dt= 3.5s	XEN=923503				
FCS				CaPeak.c/s=70	Qual= 2	FePeak=14:54		FePeak.c/s=10	Step=15"	Cad= 262s	1.024s/pixel				
UVSP	14:37			Wavelength=2788A	Code=01	Exp #=94745		Rast=180"x1"	Step=0"	Pitch=+202"	Yaw=-728"				
Event # = 23151		DOY=235													
89/08/23,17:54	Start	End times													
GOES	17:51	17:54	18:04	CaPeak.c/s=22	Qual=01	FePeak=17:51		FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=923504				
BGS	17:41			Wavelength=2788A	Qual= 4			Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel				
FCS								Rast=180"x1"	Step=0"	Pitch=+200"	Yaw=-734"				
UVSP															
Event # = 11863		DOY=235													
89/08/23,19:24	Start	End times													
Optical	19:14	19:15	19:15	SMM Pointing:	N17W76			Pitch=+67"	Yaw=-915"	Roll=-20deg	H. Ang=75deg				
GOES	19:23	19:24	19:52	Ha...Class=SF	N14W28	AR5641		Mac.=EKI	Carr. Lon.=275deg						
HXRBS	19:14	19:15	19:15	Peak...c/s=37	Qual=05										
BGS	19:23	19:24	19:52	CaPeak.c/s=35	Qual=01	Tot Cts=407		Maxkey=144	#Peaks=1	dt= 7.7s	XEN=923505				
FCS					Qual= 5	FePeak=19:24		FePeak.c/s=10	Step=0"	Cad=1.02s	1.024s/pixel				
UVSP	19:13			Wavelength=2788A		Exp #=94751		Rast=180"x1"	Step=0"	Pitch=+200"	Yaw=-738"				
Event # = 11864		DOY=235													
89/08/23,20:06	Start	End times													
Optical	20:06	20:06	20:20	SMM Pointing:	N17W79			Pitch=+66"	Yaw=-925"	Roll=-20deg	H. Ang=77deg				
GOES	19:58	20:06	20:20	Ha...Class=1N	N14W73	AR5643		Mac.=EKI	Carr. Lon.=320deg						
HXRBS	19:57	19:58	20:00	Importance=C5	Qual=03										
BGS	19:57	20:05	20:17	Peak...c/s=42	Qual=01	Tot Cts=1046		Maxkey=102	#Peaks=1	dt= 3.8s	XEN=923506				
FCS				CaPeak.c/s=167	Qual= 1	FePeak=20:03		FePeak.c/s=36	Step=15"	Cad= 262s	1.024s/pixel				
UVSP	20:12			Wavelength=2788A	Code=02	Exp #=94752		Rast=240"x240"	Step=0"	Pitch=+200"	Yaw=-740"				
Event # = 23152		DOY=235													
89/08/23,21:31	Start	End times													
GOES	21:10	21:31	21:49	CaPeak.c/s=48	Qual=00	FePeak=21:38		FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=923507				
BGS	21:45			Wavelength=2788A	Qual= 3			Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel				
FCS								Rast=180"x1"	Step=0"	Pitch=+199"	Yaw=-743"				
UVSP															



Event # = 23153															
89/08/23,22:31	D0Y=235														
	Start	Peak	End times												
GOES	22:27	22:31	23:07	23:30	CaPeak.c/s=31	Qual=00	FePeak=22:30	dt= 7.7s	XEN=923508	#Peaks=2	Step=0"	Rast=0"x0"	Cad=1.02s	1.024s/pixel	
BGS															
FCS															
UVSP	22:18				WaveLength=2788A	Exp #=94755							Pitch=+198"	Yaw=-748"	
89/08/24 D0Y=236															
Event # = 23154															
89/08/24,00:50	D0Y=236														
	Start	Peak	End times												
GOES	00:50	00:50	00:53	00:50	CaPeak.c/s=23	Qual=00	FePeak=00:50	dt= 7.7s	XEN=923600	#Peaks=1	Step=0"	Rast=0"x0"	Cad=1.02s	1.024s/pixel	
BGS															
FCS															
UVSP	00:48				WaveLength=2788A	Exp #=94758							Pitch=+198"	Yaw=-748"	
Event # = 11865					SMM Pointing:	N17W82									
89/08/24,05:03	D0Y=236														
	Start	Peak	End times												
GOES	05:02:32	05:02:42	05:03:20	05:04:55	Peak...c/s=37	Qual=01	Tot Cts=192	dt= 7.7s	XEN=923601	#Peaks=1	Step=0"	Rast=0"x0"	Cad=1.02s	1.024s/pixel	
HXRBS															
BGS	04:54	05:03	05:16	05:16	CaPeak.c/s=35	Qual=1	FePeak=04:55								
FCS															
UVSP	04:58				WaveLength=1375A	Exp #=94767							Pitch=+95"	Yaw=-932"	
Radio			Type/Intensity:												
Radio			Frequency(MHz)/Flux(sfu):		410/290										
Event # = 23155															
89/08/24,09:41	D0Y=236														
	Start	Peak	End times												
GOES	09:38	09:41	09:47	09:40	CaPeak.c/s=22	Qual=00	FePeak=09:40	dt= 7.7s	XEN=923602	#Peaks=1	Step=0"	Rast=0"x0"	Cad=1.02s	1.024s/pixel	
BGS															
FCS															
UVSP	09:37				WaveLength=1375A	Exp #=94791							Pitch=+61"	Yaw=-958"	
Event # = 23156															
89/08/24,18:39	D0Y=236														
	Start	Peak	End times												
GOES	18:25	18:39	19:19	18:31	CaPeak.c/s=59	Qual=00	FePeak=18:31	dt= 7.7s	XEN=923603	#Peaks=2	Step=15"	Rast=240"x240"	Cad= 262s	1.024s/pixel	
BGS															
FCS															
UVSP	18:34				WaveLength=1375A	Exp #=94820							Pitch=+234"	Yaw=-894"	
Event # = 23157															
89/08/24,20:01	D0Y=236														
	Start	Peak	End times												
GOES	19:58	20:01	20:43	19:58	CaPeak.c/s=22	Qual=00	FePeak=19:58	dt= 7.7s	XEN=923604	#Peaks=1	Step=0"	Rast=0"x0"	Cad=1.02s	1.024s/pixel	
BGS															
FCS															
UVSP	20:01				WaveLength=1375A	Exp #=94827							Pitch=+949"	Yaw=-130"	

Event # = 23158		DOY=236			
89/08/24	21:30	Start	Peak	End times	
GOES	21:30	21:30	21:42	21:30	FePeak=21:30
BCS				Qual=5	
FCS				CaPeak.c/s=29	
UVSP	21:34			Wavelength=1375A	Exp #=94835
					#Peaks=1
					Step=0"
					Step=5"
					Rast=265"x265"
					Rast=0"x0"
					dt= 7.7s
					Cad=1.02s
					Yaw=-964"
					XEN=923605
Event # = 23159		DOY=236			
89/08/24	21:46	Start	Peak	End times	
GOES	21:45	21:46	22:22	21:46	FePeak=21:46
BCS				Qual=4	
FCS				CaPeak.c/s=25	
UVSP	21:36			Wavelength=1375A	Exp #=94836
					#Peaks=1
					Step=0"
					Step=5"
					Rast=110"x200"
					Rast=0"x0"
					dt= 7.7s
					Cad=1.02s
					Yaw=-992"
					XEN=923606
Event # = 23160		DOY=237		89/08/25 DOY=237	
89/08/25	00:38	Start	Peak	End times	
GOES	00:35	00:38	00:44	00:36	FePeak=00:36
BCS				Qual=4	
FCS				CaPeak.c/s=24	
UVSP	00:23			Wavelength=2788A	Exp #=94845
					#Peaks=1
					Step=0"
					Step=0"
					Rast=180"x1"
					Rast=0"x0"
					dt= 7.7s
					Cad=1.02s
					Yaw=-792"
					XEN=923700
Event # = 23161		DOY=237			
89/08/25	03:48	Start	Peak	End times	
GOES	03:46	03:48	04:04	03:47	FePeak=03:47
BCS				Qual=4	
FCS				CaPeak.c/s=60	
UVSP	03:46			Wavelength=1375A	Exp #=94850
					#Peaks=1
					Step=15"
					Step=5"
					Rast=240"x240"
					Rast=110"x200"
					dt= 3.8s
					Cad= 262s
					Yaw=-906"
					XEN=923701
Event # = 23162		DOY=237			
89/08/25	08:34	Start	Peak	End times	
GOES	08:34	08:34	09:02	08:35	FePeak=08:35
BCS				Qual=5	
FCS				CaPeak.c/s=46	
UVSP	08:22			Wavelength=1375A	Exp #=94872
					#Peaks=1
					Step=15"
					Step=5"
					Rast=110"x200"
					Rast=240"x240"
					dt= 3.8s
					Cad= 262s
					Yaw=-992"
					XEN=923702
Event # = 23163		DOY=237			
89/08/25	14:25	Start	Peak	End times	
GOES	14:24	14:25	14:51	14:24	FePeak=14:24
BCS				Qual=4	
FCS				CaPeak.c/s=20	
UVSP	14:12			Wavelength=2788A	Exp #=94888
					#Peaks=1
					Step=0"
					Step=0"
					Rast=180"x1"
					Rast=0"x0"
					dt= 7.7s
					Cad=1.02s
					Yaw=+185"
					XEN=923703

89/08/26 DOY=238

Event # = 23164 DOY=238  
 89/08/26,02:54 Start Peak  
 End times  
 GOES 02:54 02:54 CaPeak.c/s=20 Qual=00 FePeak.c/s=7 dt= 7.7s XEN=923800  
 BCS 02:54 02:54 02:56 02:54 FePeak=02:54 Qual= 4 FePeak=02:54 Cad=1.02s 1.024s/pixel  
 FCS 02:54 02:54 02:56 02:54 FePeak=02:54 Step=0" Step=0" Pitch=+35",Yaw=-733"  
 UVSP 02:31 02:31 02:31 02:31 Wavelength=2788A Exp #=94906 Rast=180"x1" Rast=180"x1" #Peaks=1

Event # = 23165 DOY=238  
 89/08/26,05:58 Start Peak  
 End times  
 GOES 05:58 05:58 06:05 06:05 CaPeak.c/s=26 Qual=05 FePeak=05:58 dt= 7.7s XEN=923801  
 BCS 05:58 05:58 06:05 06:05 CaPeak.c/s=26 Qual= 5 FePeak=05:58 Cad=1.02s 1.024s/pixel  
 FCS 05:58 05:58 06:05 06:05 Wavelength=2788A Exp #=94909 Rast=180"x1" Rast=180"x1" #Peaks=1  
 UVSP 06:34 06:34 06:34 06:34 Wavelength=2788A Exp #=94909 Rast=180"x1" Rast=180"x1" Step=0" Step=0" Pitch=+34",Yaw=-740"

Event # = 11867 DOY=239  
 89/08/27,13:09 Start Peak  
 End times  
 GOES 13:09:17 13:09:54 13:11:11 13:11:11 Peak...c/s=76 SMM Pointing: S17E38 Pitch=+151",Yaw=+647",Roll=-20deg H.Ang=44deg  
 HXRBS 13:14 13:14 13:14 13:14 Wavelength=2788A Qual=00 Tot Cts=1706 MaxkeV=231 Step=0" Step=0" Pitch=+288",Yaw=+573"  
 UVSP 13:14 13:14 13:14 13:14 Wavelength=2788A Qual=01 Exp #=94972 Rast=180"x1" Rast=180"x1" Step=0" Step=0" Pitch=+288",Yaw=+573"

Event # = 11868 DOY=239  
 89/08/27,16:23 Start Peak  
 End times  
 GOES 16:15 16:23 16:30 16:30 Importance=C4 SMM Pointing: S17E36 Pitch=+161",Yaw=+627",Roll=-20deg H.Ang=43deg  
 HXRBS 16:16:09 16:17:23 16:17:59 16:17:59 Peak...c/s=55 Qual=03 Tot Cts=810 MaxkeV=102 Step=0" Step=0" Pitch=+297",Yaw=+554"  
 UVSP 16:19 16:19 16:19 16:19 Wavelength=2788A Code=00 Exp #=94976 Rast=180"x1" Rast=180"x1" Step=0" Step=0" Pitch=+297",Yaw=+554"  
 Radio Frequency(MHz)/Flux(sfu): 245/510

Event # = 11869 DOY=239  
 89/08/27,23:39 Start Peak  
 End times  
 GOES 23:30 23:39 23:49 23:49 Importance=C4 SMM Pointing: S17E32 Pitch=+183",Yaw=+577",Roll=-20deg H.Ang=40deg  
 HXRBS 23:30:38 23:30:51 23:31:47 23:31:47 Peak...c/s=41 Qual=01 Tot Cts=376 MaxkeV=102 Step=0" Step=0" Pitch=+65",Yaw=+503"  
 UVSP 23:58 23:58 23:58 23:58 Wavelength=2788A Associated Event # = 11870 Rast=180"x1" Rast=180"x1" Step=0" Step=0" Pitch=+65",Yaw=+503"  
 HXRBS 23:45:01 23:45:16 23:45:42 23:45:42 Peak...c/s=48 Qual=01 Tot Cts=266 MaxkeV=102

89/08/28 DOY=240  
 Event # = 11871 DOY=240  
 89/08/28,01:14 Start Peak  
 End times  
 GOES 01:14:01 01:14:40 01:15:48 01:15:48 SMM Pointing: S17E32 Pitch=-36",Yaw=+979",Roll=-20deg  
 HXRBS 01:14:01 01:14:40 01:15:48 01:15:48 Peak...c/s=42 Qual=01 Tot Cts=450 MaxkeV=102 Step=0" Step=0" Pitch=-156",Yaw=+909"  
 UVSP 01:31 01:31 01:31 01:31 Wavelength=2788A Qual=01 Exp #=95009 Rast=180"x1" Rast=180"x1" Step=0" Step=0" Pitch=-156",Yaw=+909"

Event # = 11872		DOY=240		SMM Pointing:		Pitch=-36", Yaw=+979", Roll=-20deg	
89/08/28,02:26	Start	02:21	End times	Importance=C4	Qual=01		
GOES	Peak	02:26	02:28	Peak...c/s=136	Qual=01		
HXRBS		02:22:24	02:23:49	Wavelength=2788A	Code=01	Tot Cts=1299	
UVSP		02:04		III/2		Exp #=95010	
Radio Sweeps	Type/Intensity:			245/88 410/62 606/230			Step=0" Pitch=-156", Yaw=+909"
Radio Frequency (MHz)/Flux(sfu):							
HXRBS	02:24:49	02:24:59	02:25:15	Peak...c/s=50	Qual=01	Event # = 11873	
						Tot Cts=238	MaxkeV=102
Event # = 23166		DOY=240		SMM Pointing:		Pitch=+195", Yaw=+959", Roll=-6deg	
89/08/28,03:03	Start	03:03	03:08	CaPeak.c/s=62	Qual=00		
GOES	Peak	03:03	03:08	Wavelength=2788A	Qual=2	FePeak.c/s=12	#Peaks=1 dt= 7.7s XEN=924000
BCS						Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
FCS						Rast=180"x1"	Step=0" Pitch=-156", Yaw=+909"
UVSP							
Event # = 11874		DOY=240		SMM Pointing:		Pitch=-36", Yaw=+979", Roll=-20deg	
89/08/28,04:35	Start	04:29	04:40	Importance=C6	Qual=01		
GOES	Peak	04:35	04:40	Peak...c/s=41	Qual=01		
HXRBS		04:30:19	04:34:33	CaPeak.c/s=360	Qual=1	Tot Cts=14132	
BCS		04:33	04:41			FePeak=04:33	
FCS							
UVSP	04:35			Wavelength=2788A	Code=02	Exp #=95013	
Radio Sweeps	Type/Intensity:			III/2			
Radio Frequency (MHz)/Flux(sfu):				245/2200			
Event # = 11875		DOY=240		SMM Pointing:		Pitch=-36", Yaw=+979", Roll=-20deg	
89/08/28,05:54	Start	05:51:37	05:54:32	Peak...c/s=88	Qual=00		
GOES	Peak	05:54	06:12	CaPeak.c/s=51	Qual=01		
HXRBS		05:52:16	05:54:32	Wavelength=1375A	Qual=1	Tot Cts=2771	
BCS		05:29	06:12	III/3		FePeak=05:53	
FCS							
UVSP	05:48			245/24000 410/140 606/81 1415/26 2695/50 4995/25		Exp #=95020	
Radio Sweeps	Type/Intensity:						
Radio Frequency (MHz)/Flux(sfu):							
Event # = 10539		DOY=240		SMM Pointing:		Pitch=-36", Yaw=+979", Roll=-20deg	
89/08/28,05:58	Start	05:58:34	05:58:44	Peak...c/s=125	Qual=01		
GOES	Peak	05:58:36	05:58:44	Wavelength=1375A		Tot Cts=395	
HXRBS						Exp #=95020	
UVSP							
Event # = 11876		DOY=240		SMM Pointing:		Pitch=-36", Yaw=+979", Roll=-20deg	
89/08/28,07:36	Start	07:31	07:46	Importance=C7	Qual=03		
GOES	Peak	07:36	07:46	Peak...c/s=52	Qual=01		
HXRBS		07:31:53	07:32:52	CaPeak.c/s=66	Qual=1	Tot Cts=304	
BCS		07:05	07:45			FePeak=07:29	
FCS							
UVSP	07:32			Wavelength=1375A	Code=00	Exp #=95031	
Radio Sweeps	Type/Intensity:			III/1			

HRBS 07:36:19 07:36:34 07:37:14 Peak...c/s=37 Associated Event # = 11877 MaxkeV=102  
 Qual=01 Tot Cts=188

Event # = 23167  
 89/08/28,09:15 DOY=240  
 Peak  
 End times  
 GOES 08:40 09:15 09:17 CaPeak.c/s=39 Qual=00 FePeak=09:15 dt= 7.7s XEN=924004  
 BCS Step=0" x0" Rast=0" x0" Cad=1.02s 1.024s/pixel  
 FCS Step=5" Pitch=66" ,Yaw=+940"  
 UVSP 09:03 Wavelength=1375A Exp #=95040 Rast=30" x30" FePeak.c/s=6

Event # = 23168  
 89/08/28,10:16 DOY=240  
 Peak  
 End times  
 GOES 10:16 10:16 10:49 CaPeak.c/s=41 Qual=00 FePeak=10:16 dt= 7.7s XEN=924005  
 BCS Step=0" x0" Rast=0" x0" Cad=1.02s 1.024s/pixel  
 FCS Step=5" Pitch=61" ,Yaw=+940"  
 UVSP 10:13 Wavelength=1375A Exp #=95045 Rast=30" x30" FePeak.c/s=9

Event # = 11879  
 89/08/28,11:55 DOY=240  
 Peak  
 End times  
 GOES 11:54:31 11:54:40 11:54:57 Peak...c/s=43 Qual=01 Tot Cts=145  
 HXRBS 11:50 11:55 12:16 CaPeak.c/s=63 Qual=1 FePeak=11:55 dt= 3.8s XEN=924006  
 BCS Step=0" x0" Rast=0" x0" Cad=1.02s 1.024s/pixel  
 FCS Step=0" Pitch=-156" ,Yaw=+909"  
 UVSP 12:16 Wavelength=2788A Exp #=95052 Rast=180" x1" FePeak.c/s=7

Event # = 23169  
 89/08/28,12:18 DOY=240  
 Peak  
 End times  
 GOES 12:18 12:18 12:21 CaPeak.c/s=33 Qual=00 FePeak=12:18 dt= 7.7s XEN=924007  
 BCS Step=0" x0" Rast=0" x0" Cad=262s 1.024s/pixel  
 FCS Step=0" Pitch=-156" ,Yaw=+909"  
 UVSP 12:16 Wavelength=2788A Exp #=95052 Rast=180" x1" FePeak.c/s=8

Event # = 23170  
 89/08/28,13:37 DOY=240  
 Peak  
 End times  
 GOES 13:21 13:37 13:54 CaPeak.c/s=52 Qual=00 FePeak=13:22 dt= 7.7s XEN=924008  
 BCS 13:47 13:47 20:62 Peak3...c/s=2062 Qual=4 FePeak=13:22 Cad=262s 1.024s/pixel  
 FCS Step=0" Pitch=-156" ,Yaw=+909"  
 UVSP 13:47 Wavelength=2788A Exp #=95054 Rast=180" x1" FePeak.c/s=6

Event # = 23171  
 89/08/28,14:34 DOY=240  
 Peak  
 End times  
 GOES 14:31 14:34 15:25 CaPeak.c/s=30 Qual=00 FePeak=14:31 dt= 7.7s XEN=924009  
 BCS Step=0" x0" Rast=0" x0" Cad=1.02s 1.024s/pixel  
 FCS Step=0" Pitch=-156" ,Yaw=+909"  
 UVSP 14:20 Wavelength=2788A Exp #=95055 Rast=180" x1" FePeak.c/s=6

Event # = 11878		DOY=240			
89/08/28,16:23	Start	16:21:22	Peak	16:21:46	End times
GOES		16:04		16:57	
HXRBS		16:21:06	Peak...c/s=48	16:21:46	Qual=01
BCS		16:04	CaPeak.c/s=66	16:57	Qual=01
FCS					Qual= 1
UVSP		16:52	Wavelength=2788A		
				Exp #=95058	
					Tot Cts=311
					FePeak=16:22
					MaxkeV=102
					FePeak.c/s=13
					Rast=240"x240"
					Rast=180"x1"
					#Peaks=2
					Step=15"
					Step=0"
					dt= 3.8s
					XEN=924010
					Cad= 262s
					1.024s/pixel
					Pitch=-156", Yaw=+909"
Event # = 23172					
89/08/28,17:38	Start	17:38	Peak	18:00	End times
GOES					
BCS		17:36	CaPeak.c/s=23	18:00	Qual=00
FCS					Qual= 4
UVSP		17:24	Wavelength=2788A		
				Exp #=95059	
					FePeak=17:36
					FePeak.c/s=8
					Rast=0"x0"
					Rast=180"x1"
					#Peaks=1
					Step=0"
					Step=0"
					dt= 7.7s
					XEN=924011
					Cad=1.02s
					1.024s/pixel
					Pitch=-156", Yaw=+909"
Event # = 23173					
89/08/28,18:19	Start	18:19	Peak	18:23	End times
GOES					
BCS		18:18	CaPeak.c/s=19	18:23	Qual=00
FCS					Qual= 4
UVSP		18:24	Wavelength=2788A		
				Exp #=95060	
					FePeak=18:18
					FePeak.c/s=7
					Rast=0"x0"
					Rast=180"x1"
					#Peaks=1
					Step=0"
					Step=0"
					dt= 7.7s
					XEN=924012
					Cad=1.02s
					1.024s/pixel
					Pitch=-156", Yaw=+909"
Event # = 23174					
89/08/28,18:27	Start	18:27	Peak	18:29	End times
GOES					
BCS		18:26	CaPeak.c/s=19	18:29	Qual=00
FCS					Qual= 4
UVSP		18:24	Wavelength=2788A		
				Exp #=95060	
					FePeak=18:27
					FePeak.c/s=6
					Rast=0"x0"
					Rast=180"x1"
					#Peaks=1
					Step=0"
					Step=0"
					dt= 7.7s
					XEN=924013
					Cad=1.02s
					1.024s/pixel
					Pitch=-156", Yaw=+909"
Event # = 11880					
89/08/28,19:30	Start	19:30	Peak	19:35	End times
GOES		19:25		19:35	
HXRBS		19:30:59	Importance=C2	19:31:28	Qual=01
BCS		19:31:14	Peak...c/s=43	19:31:28	Qual=01
FCS		19:31	CaPeak.c/s=48	19:42	Qual= 1
UVSP		19:57	Wavelength=2788A		
Radio		19:57	Frequency(MHz)/Flux(sfu): 606/51		
				Exp #=95062	
					Tot Cts=140
					FePeak=19:34
					MaxkeV=102
					FePeak.c/s=12
					Rast=240"x240"
					Rast=180"x1"
					#Peaks=1
					Step=15"
					Step=0"
					dt= 3.8s
					XEN=924014
					Cad= 262s
					1.024s/pixel
					Pitch=-156", Yaw=+909"
Event # = 23175					
89/08/28,21:18	Start	21:18	Peak	21:34	End times
GOES					
BCS		20:45	CaPeak.c/s=35	21:34	Qual=00
FCS					Qual= 1
UVSP		21:28	Wavelength=2788A		
				Exp #=95064	
					FePeak=21:17
					FePeak.c/s=14
					Rast=0"x0"
					Rast=180"x1"
					#Peaks=2
					Step=0"
					Step=0"
					dt= 7.7s
					XEN=924015
					Cad=1.02s
					1.024s/pixel
					Pitch=-156", Yaw=+909"

Event # = 23176 89/08/28, 22:17	DOY=240 Peak	End times	Ha...Class=SF S23W45 Qual=01	AR5653	Mac.=DAO FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	Carr. Lon.=225deg dt= 7.7s Step=0" Step=0"	H. Ang=53deg XEN=924016 1.024s/pixel Yaw=+909"
Optical GOES 22:15	22:17	22:26	CaPeak.c/s=36 Qual= 1	FePeak=22:16		#Peaks=1	
FCS 22:01			WaveLength=2788A	Exp #=95065			
UVSP 22:01							
Event # = 11881 89/08/28, 22:45	DOY=240 Peak	End times	Importance=M1 Qual=03		MaxkeV=231 FePeak.c/s=229 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	XEN=924017 1.024s/pixel Yaw=+909"
GOES 22:40	22:45	23:00	Peak...c/s=255 Qual=01	Tot Cts=16049 FePeak=22:44			
HXRBS 22:41:32	22:42:24	22:47:34	CaPeak.c/s=715 Qual= 1	Exp #=95066			
BCS 22:41	22:44	23:06					
FCS 23:00			WaveLength=2788A				
UVSP 23:00			I11/3 V/1 245/570				
Radio Sweeps Radio Frequency(MHz)/Flux(sfu):	Type/Intensity:						
Event # = 23177 89/08/28, 23:51	DOY=240 Peak	End times	Ha...Class=SF S23W46 Qual=01	AR5653	Mac.=DAO FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	Carr. Lon.=225deg dt= 7.7s Step=0" Step=0"	H. Ang=54deg XEN=924019 1.024s/pixel Yaw=+909"
Optical GOES 23:51	23:51	23:54	CaPeak.c/s=21 Qual= 4	FePeak=23:51			
FCS 23:51			WaveLength=2788A	Exp #=95067			
UVSP 23:33							
Event # = 11882 89/08/29, 04:31	DOY=241 Peak	End times	SMM Pointing: S17E84		Pitch=-36", Yaw=+949", Roll=-20deg MaxkeV=102 FePeak.c/s=97 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=15" Step=0"	H. Ang=86deg XEN=924100 1.024s/pixel Yaw=+930"
GOES 03:55	04:31	04:42	Importance=C8 Qual=04	Tot Cts=1311 FePeak=04:30			
HXRBS 04:26:55	04:27:35	04:29:03	Peak...c/s=58 Qual=01	Exp #=95074			
BCS 04:28	04:30	05:10	CaPeak.c/s=405 Qual= 1				
FCS 04:27			WaveLength=1375A 410/140				
UVSP 04:27							
Radio Frequency(MHz)/Flux(sfu):							
Event # = 23178 89/08/29, 05:11	DOY=241 Peak	End times	Qual=00		FePeak.c/s=6 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=15" Step=0"	XEN=924101 1.024s/pixel Yaw=+940"
GOES 05:10	05:11	05:14	CaPeak.c/s=20 Qual= 4	FePeak=05:10			
BCS 05:10			WaveLength=1375A	Exp #=95080			
FCS 05:07							
UVSP 05:07							

Event # = 11883		DOY=241		SMM Pointing:		S17E84		Pitch=-36", Yaw=+949", Roll=-20deg		H.Ang=86deg		
89/08/29, 06:37		Peak		End times								
GOES	06:35:56	06:36:17	06:36:25	Peak...c/s=53	Qual=03			MaxkeV=102				
HXRBS				CaPeak.c/s=73	Qual=01	Tot Cts=372		FePeak.c/s=13	#Peaks=3	dt= 3.8s	XEN=924102	
BGS	06:09	06:37	06:47		Qual= 1	FePeak=06:37		Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
FCS								Rast=10"x10"	Step=0"	Pitch=-46", Yaw=+945"		
UVSP	06:27			Wavelength=1375A		Exp #=95087						
Radio				Frequency(MHz)/Flux(sfu):	245/450	410/310	606/90	1415/73				
Event # = 23179		DOY=241		SMM Pointing:		S17E84		Pitch=-36", Yaw=+949", Roll=-20deg		H.Ang=86deg		
89/08/29, 08:05		Peak		End times								
GOES	07:39	08:05	08:19	CaPeak.c/s=47	Qual=00			FePeak.c/s=9	#Peaks=3	dt= 7.7s	XEN=924103	
BGS				Peak3..c/s=1968	Qual= 6	FePeak=08:05		Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel	
FCS	08:05			Wavelength=1375A		Exp #=95103		Rast=10"x10"	Step=0"	Pitch=-28", Yaw=+947"		
UVSP												
Event # = 23180		DOY=241		SMM Pointing:		S17E84		Pitch=-36", Yaw=+949", Roll=-20deg		H.Ang=86deg		
89/08/29, 16:59		Peak		End times								
Optical				Ha...Class=SF	S16E84	AR5669		Mac.=HKX	Carr. Lon.=85deg		H.Ang=86deg	
Optical				Code=BSL	S17E88	AR5669			Carr. Lon.=81deg		H.Ang=90deg	
GOES	16:36	16:59	17:15	Importance=M3	Qual=01			FePeak.c/s=677	#Peaks=1	dt= 7.7s	XEN=924104	
BGS	16:59		17:32	CaPeak.c/s=2056	Qual= 6	FePeak=16:59		Rast=0"x0"	Step=0"	Cad=.26s	0.256s/pixel	
FCS				Peak3..c/s=-1				Rast=180"x1"	Step=0"	Pitch=-156", Yaw=+879"		
UVSP	17:25			Wavelength=2788A		Exp #=95134						
Radio				Frequency(MHz)/Flux(sfu):	245/10000	410/730	606/940	1415/190	2695/260	4995/350	8800/390	15400/360
Event # = 11884		DOY=241		SMM Pointing:		S17E84		Pitch=-36", Yaw=+949", Roll=-20deg		H.Ang=86deg		
89/08/29, 17:23		Peak		End times								
Optical				Ha...Class=1B	S15E89	AR5669		Mac.=HKX	Carr. Lon.=80deg		H.Ang=91deg	
Optical				Code=BSL	S15E90	AR5669			Carr. Lon.=79deg		H.Ang=92deg	
GOES	17:17	17:23	17:56	Importance=M2	Qual=03			MaxkeV=144	Flags=EN, SG, DG, ND			
HXRBS	17:17:08	17:20:52	17:30:57	Peak...c/s=311	Qual=14	Tot Cts=75720		Rast=180"x1"	Step=0"	Pitch=-156", Yaw=+879"		
UVSP	17:25			Wavelength=2788A	Code=02	Exp #=95134						
Radio				Frequency(MHz)/Flux(sfu):	245/570	410/65	606/70	1415/130	2695/200	4995/200	8800/130	15400/110
Event # = 11885		DOY=241		SMM Pointing:		S17E84		Pitch=-36", Yaw=+949", Roll=-20deg		H.Ang=86deg		
89/08/29, 18:09		Peak		End times								
Optical				Ha...Class=2B	S10E79	AR5669		Mac.=HKX	Carr. Lon.=90deg		H.Ang=81deg	
GOES	18:04	18:09	18:25	Importance=M2	Qual=04			MaxkeV=102	#Peaks=2	dt= 3.8s	XEN=924105	
HXRBS	18:07:54	18:08:08	18:10:01	Peak...c/s=159	Qual=01	Tot Cts=5010		FePeak.c/s=160	Step=15"	Cad= 262s	1.024s/pixel	
BGS	18:11	18:11	19:04	CaPeak.c/s=667	Qual= 5	FePeak=18:11		Rast=240"x240"	Step=0"	Pitch=-156", Yaw=+879"		
FCS												
UVSP	17:58			Wavelength=2788A	Code=00	Exp #=95135						
Radio Sweeps				Type/Intensity:	V/2							



Event # = 11887	DOY=241	S17E84	Pitch=-36", Yaw=+949", Roll=-20deg	H. Ang=86deg
89/08/29 18:49	Peak	SMM Pointing:		
Optical	End times	Ha...Class=SF	Mac.=CSO	Carr. Lon.=185deg
GOES 18:44	18:56	Importance=C8	AR5655	
HXRBS 18:44:36	18:46:11	Peak...c/s=65	Tot Cts=813	MaxkeV=102
UVSP 17:58		Wavelength=2788A	Exp #=95135	Rast=180"x1" Step=0" Pitch=-156", Yaw=+879"
		Associated	Event # = 11886	
HXRBS 18:43:14	18:43:33	Peak...c/s=43	Tot Cts=191	MaxkeV=102
Event # = 23181	DOY=241	S17E84		
89/08/29 19:04	Peak	SMM Pointing:		
GOES 19:04	19:04	CaPeak.c/s=26	FePeak=19:04	dt= 7.7s XEN=924108
BCS		Peak3...c/s=-1	Exp #=95136	Rast=0"x0" Cad=3840s 3840s/pixel
FCS		Wavelength=2788A		Rast=180"x1" Pitch=-156", Yaw=+879"
UVSP 18:58				
Event # = 11889	DOY=241	S17E84	Pitch=-36", Yaw=+949", Roll=-20deg	H. Ang=86deg
89/08/29 19:47	Peak	SMM Pointing:		
Optical	End times	Ha...Class=SF	Mac.=HXK	Carr. Lon.=91deg
GOES 19:37	19:57	Importance=C7	AR5669	
HXRBS 19:37:56	19:41:33	Peak...c/s=42	Tot Cts=1312	MaxkeV=144
UVSP 19:31		Wavelength=2788A	Exp #=95137	Rast=180"x1" Step=0" Pitch=-156", Yaw=+879"
Radio		Frequency(MHz)/Flux(sfu):		
		606/49 1415/90		
Event # = 11888	DOY=241	S17E84	Pitch=-36", Yaw=+949", Roll=-20deg	H. Ang=86deg
89/08/29 20:12	Peak	SMM Pointing:		
GOES 20:07:06	20:08:46	Peak...c/s=50	Tot Cts=333	MaxkeV=102
HXRBS 19:42	20:12	CaPeak.c/s=355	FePeak=20:12	dt= 7.7s XEN=924107
BCS		Wavelength=2788A	Exp #=95138	Rast=240"x240" Cad= 262s 1.024s/pixel
FCS				Rast=180"x1" Pitch=-156", Yaw=+879"
UVSP 20:30				
Event # = 12597	DOY=241	S17E84	Pitch=-36", Yaw=+949", Roll=-20deg	H. Ang=86deg
89/08/29 23:38	Peak	SMM Pointing:		
GOES 23:37:46	23:38:11	Peak...c/s=64	Tot Cts=775	MaxkeV=144
HXRBS 23:32	23:32	Wavelength=1375A	Exp #=95167	Rast=10"x10" Step=0" Pitch=-31", Yaw=+920"
UVSP				
Event # = 23182	DOY=242	S17E84		
89/08/30 00:55	Peak	SMM Pointing:		
GOES 00:55	01:00	CaPeak.c/s=20	FePeak=00:57	dt= 7.7s XEN=924200
BCS		Wavelength=1375A	Exp #=95171	Rast=240"x240" Cad= 262s 1.024s/pixel
FCS				Rast=110"x200" Step=5" Pitch=-16", Yaw=+991"
UVSP 00:41				

Event # = 23183		DOY=242		End times			
89/08/30,01:02	Start	01:02	Peak	01:04	End times	Qual=00	
GOES						Qual= 4	FePeak=01:02
BCS	01:02	01:02	01:02	01:04	01:04	CaPeak.c/s=24	dt= 7.7s XEN=924201
FCS						Wavelength=1375A	Rast=240"x240" Cad= 262s 1.024s/pixel
UVSP	01:00						Rast=110"x200" Step=5" Pitch=-26",Yaw=+991"
Event # = 11893		DOY=242		End times			
89/08/30,02:05	Start	02:05:08	Peak	02:06:23	End times	S17E84	
GOES						Qual=01	
HXRBS	02:04:48	02:05:08	02:05:08	02:06:23	02:06:23	Peak...c/s=94	Pitch=-36",Yaw=+949",Roll=-20deg H.Ang=86deg
UVSP	01:56					Wavelength=1375A	MaxkeV=144
Event # = 11894		DOY=242		End times			
89/08/30,02:44	Start	02:44	Peak	03:10	End times	S17E84	
Optical						S19E68	
GOES	02:36	02:44	02:44	03:10	03:10	Importance=M4	Mac.=DKC Carr.Lon.=96deg H.Ang=72deg
HXRBS	02:35:58	02:39:39	02:43:37	02:43:37	02:43:37	Peak...c/s=2901	Flags=M5,EN
BCS	02:04	02:42	02:42	02:44	02:44	CaPeak.c/s=2563	#Peaks=2 dt= 7.7s XEN=924202
FCS						Qual= 2	Step=15" Cad= 262s 1.024s/pixel
UVSP	02:31					Wavelength=1375A	Step=5" Pitch=-16",Yaw=+991"
Radio Sweeps		Type/Intensity:				Code=00	
Radio	Frequency (MHz)/Flux(sfu):	111/3				245/930 1415/72 2695/38 4995/72 8800/110 15400/330	
Event # = 23184		DOY=242		End times			
89/08/30,03:17	Start	03:17	Peak	04:08	End times	S13E72	
Optical						Qual=05	
GOES	03:12	03:17	03:17	04:08	04:08	Ha...Class=SN	Mac.=DKC Carr.Lon.=92deg H.Ang=74deg
BCS	03:26	03:26	03:26	04:17	04:17	Importance=M3	#Peaks=1 dt= 3.8s XEN=924203
FCS						CaPeak.c/s=257	Step=0" Cad=1.02s 1.024s/pixel
UVSP	03:24					Wavelength=1375A	Step=5" Pitch=-28",Yaw=+962"
Radio Sweeps		Type/Intensity:				Code=02	
Radio	Frequency (MHz)/Flux(sfu):	11/1				606/54 1415/2800 4995/50	
Event # = 11896		DOY=242		End times			
89/08/30,05:25	Start	05:25	Peak	05:35	End times	S17E84	
GOES	05:15	05:25	05:25	05:35	05:35	Importance=C6	
HXRBS	05:20:16	05:21:27	05:22:38	05:22:38	05:22:38	Peak...c/s=136	MaxkeV=188
BCS	05:03	05:23	05:23	05:46	05:46	CaPeak.c/s=212	FePeak.c/s=52 dt= 7.7s XEN=924204
FCS						Qual= 1	Step=0" Cad=1.02s 1.024s/pixel
UVSP	05:18					Wavelength=1375A	Step=5" Pitch=-36",Yaw=+991"
Radio Sweeps		Type/Intensity:				Code=00	
Radio	Frequency (MHz)/Flux(sfu):	606/66 2695/56 4995/37 8800/41 15400/50				606/66 2695/56 4995/37 8800/41 15400/50	
Event # = 11895		DOY=242		End times			
89/08/30,05:17:07	Start	05:17:54	Peak	05:18:19	End times	Qual=01	
HXRBS						Associated	Event # = 11895
UVSP	05:15					Qual=01	Tot Cts=1310
						Wavelength=1375A	Exp #=95191
						MaxkeV=144	Step=5" Pitch=-28",Yaw=+962"
						Rast=265"x265"	

Event # = 23185  
 89/08/30,06:40 DOY=242  
 Start Peak  
 GOES 06:38 06:40  
 BCS 06:40  
 FCS  
 UVSP 06:33  
 End times  
 06:43  
 CaPeak.c/s=26  
 WaveLength=1375A  
 Qual=06  
 Qual=1  
 FePeak=06:39  
 Exp #=95197  
 #Peaks=1  
 Step=0  
 Step=5  
 dt= 7.7s  
 Cad=1.02s  
 Pitch=-31", Yaw=+991"  
 FePeak.c/s=7  
 Rast=0"x0"  
 Rast=110"x200"

Event # = 23186  
 89/08/30,08:23 DOY=242  
 Start Peak  
 GOES 08:22 08:23  
 BCS 08:23  
 FCS  
 UVSP 08:01  
 End times  
 08:30  
 CaPeak.c/s=26  
 WaveLength=2788A  
 Qual=00  
 Qual=4  
 FePeak=08:22  
 Exp #=95204  
 #Peaks=1  
 Step=0  
 Step=3  
 dt= 7.7s  
 Cad=1.02s  
 Pitch=-28", Yaw=+962"  
 FePeak.c/s=6  
 Rast=0"x0"  
 Rast=243"x243"

Event # = 23187  
 89/08/30,08:41 DOY=242  
 Start Peak  
 GOES 08:40 08:41  
 BCS 08:40  
 FCS  
 UVSP 08:01  
 End times  
 08:45  
 CaPeak.c/s=21  
 WaveLength=2788A  
 Qual=00  
 Qual=4  
 FePeak=08:40  
 Exp #=95204  
 #Peaks=1  
 Step=0  
 Step=3  
 dt= 7.7s  
 Cad=1.02s  
 Pitch=-28", Yaw=+962"  
 FePeak.c/s=7  
 Rast=0"x0"  
 Rast=243"x243"

Event # = 11890  
 89/08/30,08:49 DOY=242  
 Start Peak  
 GOES 08:46:49 08:47:09  
 HXRBS 08:48 08:49  
 BCS 08:48 08:49  
 FCS  
 UVSP 08:01  
 End times  
 08:47:44  
 08:52  
 Peak...c/s=49  
 CaPeak.c/s=33  
 WaveLength=2788A  
 Qual=01  
 Qual=01  
 Qual=2  
 Tot Cts=274  
 FePeak=08:49  
 Exp #=95204  
 #Peaks=1  
 Step=0  
 Step=3  
 dt= 7.7s  
 Cad=1.02s  
 Pitch=-28", Yaw=+962"  
 MaxkeV=102  
 FePeak.c/s=8  
 Rast=0"x0"  
 Rast=243"x243"

Event # = 11891  
 89/08/30,14:45 DOY=242  
 Start Peak  
 GOES 14:40 14:45  
 HXRBS 14:42:58 14:43:31  
 Radio Sweeps  
 End times  
 14:50  
 14:44:37  
 Type/Intensity: III/2  
 SMM Pointing:  
 NO7W00  
 Qual=01  
 Qual=01  
 MaxkeV=144  
 Flags=ND  
 Pitch=+0", Yaw=+0", Roll=-20deg  
 H.Ang=0deg

Event # = 11892  
 89/08/30,17:37 DOY=242  
 Start Peak  
 GOES 17:36:22 17:36:45  
 HXRBS 17:30 17:37  
 BCS  
 FCS  
 UVSP 17:58  
 Radio Sweeps  
 Radio Frequency (MHz)/Flux(sfu):  
 End times  
 17:36:52  
 18:05  
 Peak...c/s=45  
 CaPeak.c/s=69  
 WaveLength=2788A  
 III/2 V/2  
 410/110  
 SMM Pointing:  
 S17E83  
 Qual=00  
 Qual=01  
 Qual=5  
 Tot Cts=148  
 FePeak=17:37  
 Exp #=95215  
 #Peaks=1  
 Step=15  
 Step=0  
 dt= 7.7s  
 Cad= 262s  
 Pitch=-1025", Yaw=+221"  
 MaxkeV=102  
 FePeak.c/s=13  
 Rast=240"x240"  
 Rast=180"x1"  
 Pitch=-904", Yaw=+291", Roll=-90deg  
 H.Ang=86deg

Event # = 23188																							
89/08/30,18:43	Start	DOY=242	Peak	18:43	18:58	CaPeak.c/s=18	Wavelength=2788A	Qual=00	Qual=5	FePeak=18:43	Exp #=95216	FePeak.c/s=7	Rast=0"x0"	Rast=180"x1"	#Peaks=2	dt= 7.7s	XEN=924210	Cad=1.02s	1.024s/pixel	Pitch=-475"	Yaw=-951"		
GOES																							
BGS																							
FCS																							
UVSP																							
Event # = 23189																							
89/08/30,19:25	Start	DOY=242	Peak	19:25	19:33	CaPeak.c/s=56	Wavelength=2788A	Qual=00	Qual=1	FePeak=19:23	Exp #=95217	FePeak.c/s=12	Rast=240"x240"	Rast=180"x1"	#Peaks=1	dt= 3.8s	XEN=924211	Cad= 262s	1.024s/pixel	Pitch=-475"	Yaw=-951"		
GOES																							
BGS																							
FCS																							
UVSP																							
Event # = 11897																							
89/08/30,20:33	Start	DOY=242	Peak	20:33	20:36	Peak...c/s=62	CaPeak.c/s=28	Qual=01	Qual=4	Tot Cts=365	FePeak=20:33	Exp #=95220	MaxkeV=102	FePeak.c/s=9	Rast=240"x240"	Rast=10"x10"	#Peaks=1	dt= 3.8s	XEN=924212	Cad= 262s	1.024s/pixel	Pitch=-926"	Yaw=-27"
GOES																							
HXRBS																							
BGS																							
FCS																							
UVSP																							
Event # = 11898																							
89/08/30,20:58	Start	DOY=242	Peak	20:58	21:04	Ha...Class-SF	Importances=C4	Qual=03	Qual=01	Tot Cts=184	FePeak=20:56	Exp #=95224	Mac.=DKC	Carr. Lon.=96deg	Pitch=-950"	Yaw=-31"	Roll=-106deg	H. Ang=87deg					
Optical																							
GOES																							
HXRBS																							
BGS																							
FCS																							
UVSP																							
Radio Sweeps																							
Event # = 11899																							
89/08/30,22:06	Start	DOY=242	Peak	22:06	22:11	Peak...c/s=55	CaPeak.c/s=27	Qual=01	Qual=1	Tot Cts=633	FePeak=22:04	Exp #=95228	MaxkeV=102	FePeak.c/s=8	Rast=0"x0"	Rast=110"x200"	#Peaks=1	dt= 7.7s	XEN=924214	Cad=1.02s	1.024s/pixel	Pitch=-6"	Yaw=-991"
GOES																							
HXRBS																							
BGS																							
FCS																							
UVSP																							
Event # = 11900																							
89/08/30,23:22	Start	DOY=242	Peak	23:22	23:44	Peak...c/s=42	CaPeak.c/s=86	Qual=05	Qual=1	Tot Cts=95	FePeak=23:22	Exp #=95234	MaxkeV=102	FePeak.c/s=15	Rast=240"x240"	Rast=265"x265"	#Peaks=1	dt= 3.8s	XEN=924215	Cad= 262s	1.024s/pixel	Pitch=-25"	Yaw=-967"
GOES																							
HXRBS																							
BGS																							
FCS																							
UVSP																							
Radio																							

89/08/31 DOY=243

Event # = 11902  
 89/08/31 01:01 Start DOY=243 Peak  
 SMM Pointing: S17E83  
 Pitch=-35", Yaw=+949", Roll=-20deg H.Ang=86deg  
 Optical  
 Ha...Class=1F AR5669  
 Mac.=FKC Carr.Lon.=94deg H.Ang=62deg  
 MaxkeV=321 dt= 3.8s XEN=924300  
 FePeak.c/s=77 #Peaks=1 Cad= 262s 1.024s/pixel  
 Rast=240"x240" Step=15" Pitch=-9", Yaw=+1003"  
 Rast=110"x200" Step=5"  
 UVSP 00:58 Type/Intensity: III/2  
 Radio Sweeps  
 Frequency(MHz)/Flux(sfu): 245/880 410/200 606/24 1415/63 2695/29 4995/29 8800/51 15400/26

Event # = 11903  
 89/08/31 01:12 Start DOY=243 Peak  
 SMM Pointing: S17E83  
 Pitch=-35", Yaw=+949", Roll=-20deg H.Ang=86deg  
 GOES 01:11:51 01:12:19 01:12:34  
 HXRBS 01:12:19 01:12:34  
 UVSP 01:12:19 01:12:34  
 Peak...c/s=54 Qual=01  
 Wavelength=1375A  
 Radio Sweeps  
 Type/Intensity: III/1  
 Frequency(MHz)/Flux(sfu): 245/310 410/900 1415/20 2695/29 4995/31 8800/48 15400/40  
 Associated Event # = 11904  
 HXRBS 01:13:14 01:13:20 01:13:48  
 Peak...c/s=43 Qual=01  
 MaxkeV=102  
 Rast=265"x265" Step=5" Pitch=-15", Yaw=+976"  
 Tot Cts=348  
 Exp #=95240

Event # = 23190  
 89/08/31 03:14 Start DOY=243 Peak  
 SMM Pointing: S18E57  
 Pitch=+69", Yaw=+835", Roll=-20deg H.Ang=62deg  
 GOES 02:57 03:14 03:17  
 HXRBS 02:57 03:14 03:17  
 UVSP 03:04  
 CaPeak.c/s=27 Qual=00  
 Wavelength=1375A  
 FePeak.c/s=9 #Peaks=2 dt= 7.7s XEN=924301  
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel  
 Rast=110"x200" Step=5" Pitch=-4", Yaw=+1014"  
 Tot Cts=113  
 Exp #=95250

Event # = 11901  
 89/08/31 07:52 Start DOY=243 Peak  
 SMM Pointing: S18E57  
 Pitch=+69", Yaw=+835", Roll=-20deg H.Ang=62deg  
 GOES 07:52:06 07:52:11 07:52:30  
 HXRBS 07:52:06 07:52:11 07:52:30  
 UVSP 07:41  
 Frequency(MHz)/Flux(sfu): 245/93  
 Peak...c/s=40 Qual=00  
 Wavelength=1375A  
 Importance=C4  
 CaPeak.c/s=107 Qual=01  
 Wavelength=1375A Code=00  
 FePeak.c/s=16 #Peaks=1 dt= 3.8s XEN=924302  
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 Rast=110"x200" Step=5" Pitch=+48", Yaw=+921"  
 Tot Cts=113  
 Exp #=95264

Event # = 23191  
 89/08/31 08:51 Start DOY=243 Peak  
 SMM Pointing: S18E57  
 Pitch=+69", Yaw=+835", Roll=-20deg H.Ang=62deg  
 GOES 08:45 08:51 08:55  
 HXRBS 08:45 08:51 08:55  
 UVSP 08:47 08:50 08:59  
 Frequency(MHz)/Flux(sfu): 245/93  
 Peak...c/s=107 Qual=01  
 Wavelength=1375A Code=00  
 Importance=C4  
 CaPeak.c/s=107 Qual=01  
 Wavelength=1375A  
 FePeak.c/s=16 #Peaks=1 dt= 3.8s XEN=924302  
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 Rast=110"x200" Step=5" Pitch=+48", Yaw=+921"  
 Tot Cts=113  
 Exp #=95268

Event # = 23192  
 89/08/31 15:10 Start DOY=243 Peak  
 SMM Pointing: S18E57  
 Pitch=+69", Yaw=+835", Roll=-20deg H.Ang=62deg  
 GOES 15:08 15:10 15:12  
 HXRBS 15:08 15:10 15:12  
 UVSP 15:28  
 Frequency(MHz)/Flux(sfu): 245/93  
 Peak...c/s=107 Qual=01  
 Wavelength=1375A Code=00  
 Importance=C4  
 CaPeak.c/s=107 Qual=01  
 Wavelength=1375A  
 FePeak.c/s=16 #Peaks=1 dt= 7.7s XEN=924303  
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=+170", Yaw=+596"  
 Tot Cts=113  
 Exp #=95289

Event # = 23193		DOY=243		End times			
89/08/31,15:14	Start	15:14	Peak	15:15	15:14	FePeak=15:14	
GOES					Qual=00		
BCS					Qual=4		
FCS					CaPeak.c/s=19		dt= 7.7s XEN=924304
UVSP					Wavelength=2788A	Exp #=95289	Cad=1.02s 1.024s/pixel
							Pitch=+170", Yaw=+596"
Event # = 11906		DOY=243		End times			
89/08/31,16:42	Start	16:37:34	Peak	16:38:53	16:42	FePeak=16:42	
Optical					Qual=00		
GOES					Qual=01		
HXRBS					Qual=1		
BCS					CaPeak.c/s=250		
UVSP					Wavelength=2788A	Exp #=95291	
							Pitch=+290", Yaw=+911", Roll=0deg
							Mac.=CAO Carr. Lon.=125deg H. Ang=39deg
							MaxkeV=102
							FePeak.c/s=43 #Peaks=2 dt= 7.7s XEN=924306
							Rast=180"x1" Pitch=+170", Yaw=+626"
Event # = 11908		DOY=243		End times			
89/08/31,16:50	Start	16:49:26	Peak	16:51:10	16:59	FePeak=16:59	
Optical					Qual=00		
GOES					Qual=01		
HXRBS							
UVSP							
							Pitch=+291", Yaw=+1060", Roll=0deg
							Mac.=FKC Carr. Lon.=90deg H. Ang=57deg
							MaxkeV=102
							Rast=180"x1" Step=0" Pitch=+170", Yaw=+626"
Event # = 11907		DOY=243		End times			
89/08/31,16:57	Start	16:46:50	Peak	16:48:26	16:57	FePeak=16:57	
Optical					Qual=00		
GOES					Qual=01		
HXRBS					Qual=1		
BCS					CaPeak.c/s=402		
FCS							
UVSP							
							Pitch=+295", Yaw=+897", Roll=0deg
							Mac.=FKC Carr. Lon.=90deg H. Ang=57deg
							MaxkeV=102
							FePeak.c/s=57 #Peaks=2 dt= 7.7s XEN=924307
							Rast=180"x180" Cad= 332s 1.024s/pixel
							Step=10" Step=0" Pitch=+170", Yaw=+626"
Event # = 11909		DOY=243		End times			
89/08/31,17:04	Start	17:04:05	Peak	17:04:46	16:59	FePeak=16:59	
Optical					Qual=00		
GOES					Qual=01		
HXRBS							
UVSP							
							Pitch=-3", Yaw=+6", Roll=0deg
							Mac.=FKC Carr. Lon.=79deg H. Ang=0deg
							MaxkeV=102
							Rast=180"x1" Step=0" Pitch=+170", Yaw=+626"
Event # = 11910		DOY=243		End times			
89/08/31,18:31	Start	18:30:06	Peak	18:31:44	18:23	FePeak=18:23	
Optical					Qual=00		
GOES					Qual=01		
HXRBS							
UVSP							
							Pitch=-1", Yaw=+1", Roll=-20deg
							Mac.=CAO Carr. Lon.=123deg H. Ang=0deg
							MaxkeV=102
							Rast=30"x30" Step=5" Pitch=-71", Yaw=-64"

Event # = 11905  
 89/08/31, 18:45 DOY=243  
 Start Peak End times  
 GOES 16:16 18:45 00:01 SMM Pointing: Qual=01  
 HXRBS 16:15:19 16:19:37 16:26:52 Importance=M2 Qual=11  
 BCS 16:18 16:25 16:29 CaPeak.c/s=833 Qual=1  
 FCS  
 UVSP 18:23 Wavelength=1375A Exp #=95300  
 Radio Frequency(MHz)/Flux(sfu): 245/54 410/1300 606/480 1415/160 2695/280  
 dt= 7.7s XEN=924305  
 MaxkeV=369 #Peaks=1  
 FePeak.c/s=470 Step=15" Cad= 262s 1.024s/pixel  
 Rast=240"x240" Step=5" Pitch=-71", Yaw=-64"  
 Rast=30"x30" Step=5" Pitch=-71", Yaw=-64"  
 4995/330 8800/430 15400/430

Pitch=+291", Yaw=+1001", Roll=0deg  
 Pitch=-1", Yaw=+1", Roll=-20deg H. Ang=0deg  
 MaxkeV=102 Step=5" Pitch=-66", Yaw=-74"  
 Rast=30"x30"

Event # = 11911  
 89/08/31, 19:33 DOY=243  
 Start Peak End times  
 GOES 19:33:42 19:33:48 19:33:59 SMM Pointing: N07W00 Qual=00  
 HXRBS UVSP 19:33 Ha...Class=SF S17E70 Qual=01  
 Optical Peak...c/s=43 Qual=01  
 GOES Wavelength=1375A  
 HXRBS 19:53:47 19:53:54 19:54:01 SMM Pointing: N07W00  
 UVSP 19:45 Peak...c/s=41 Qual=01  
 Wavelength=1375A

Pitch=-1", Yaw=+1", Roll=-20deg H. Ang=0deg  
 Carr. Lon.=71deg H. Ang=73deg  
 MaxkeV=102 Step=5" Pitch=-71", Yaw=-79"  
 Rast=30"x30"

Event # = 11913  
 89/08/31, 20:55 DOY=243  
 Start Peak End times  
 GOES 20:52:36 20:53:13 20:54:02 SMM Pointing: S16E50 Qual=00  
 HXRBS 20:49 20:55 21:42 Peak...c/s=43 Qual=01  
 BCS CaPeak.c/s=101 Qual=4  
 FCS Wavelength=1375A  
 UVSP 20:50

Pitch=+73", Yaw=+772", Roll=-20deg H. Ang=55deg  
 MaxkeV=102 #Peaks=1 dt= 7.7s XEN=924308  
 FePeak.c/s=9 Step=15" Cad= 262s 1.024s/pixel  
 Rast=240"x240" Step=5" Pitch=+81", Yaw=+785"  
 Rast=265"x265" Step=5"

Event # = 23194  
 89/08/31, 22:41 DOY=243  
 Start Peak End times  
 GOES 22:21 22:41 23:14 SMM Pointing: Qual=00  
 BCS 22:21 22:41 23:14 CaPeak.c/s=47 Qual=4  
 FCS Wavelength=1375A  
 UVSP 22:45

Pitch=+78", Yaw=+762", Roll=-20deg H. Ang=54deg  
 MaxkeV=102 Step=5" Pitch=+37", Yaw=+866"  
 Rast=30"x30"

Event # = 23195		DOY=244							
89/09/01,00:45	Start	00:45	Peak	00:50	End times				
GOES						Qual=02			
BGS						Qual=2	FePeak=00:45		
FCS							Exp #=95321		
UVSP						Wave length=1375A			
Radio						1415/350 4995/24 8800/35			
Event # = 23196		DOY=244							
89/09/01,01:25	Start	01:25	Peak	02:19	End times				
GOES						Qual=05			
BGS						Qual=5	FePeak=01:24		
FCS							Exp #=95322		
UVSP						Wave length=1375A			
Event # = 23197		DOY=244							
89/09/01,03:04	Start	03:04	Peak	03:25	End times				
GOES						Qual=00			
BGS						Qual=1	FePeak=02:57		
FCS							Exp #=95333		
UVSP						Wave length=1375A			
Event # = 11918		DOY=244							
89/09/01,03:29	Start	03:29:38	Peak	03:29:48	End times				
GOES						SMM Pointing: S16E47			
HXRBS						Qual=00			
UVSP						Qual=01	Tot Cts=132		
						Peak...c/s=48	Exp #=95336		
						Wave length=1375A			
Event # = 23198		DOY=244							
89/09/01,03:35	Start	03:35	Peak	03:50	End times				
GOES						Qual=00			
BGS						Qual=1	FePeak=03:35		
FCS							Exp #=95338		
UVSP						CaPeak.c/s=56			
						Wave length=1375A			
Event # = 11917		DOY=244							
89/09/01,07:12	Start	07:12	Peak	11:21	End times				
Optical						SMM Pointing: S16E46			
GOES						Ha...Class=SN			
HXRBS						Importance=M5	AR5671		
BGS						Peak...c/s=172			
FCS						CaPeak.c/s=326			
UVSP						Qual=2	Tot Cts=146E+5		
						Wave length=1375A	FePeak=05:22		
						606/830 1415/1200 2695/3000 4995/1300 8800/670 15400/450			
						Associated Event # = 11915			
						Qual=01	Exp #=95358		
						Peak...c/s=42	Tot Cts=208		
						Wave length=1375A	Exp #=95348		
						Associated Event # = 11916			
						Qual=03	Tot Cts=677		
						Wave length=1375A	Exp #=95348		



Associated Event # = 11919  
 MaxkeV=102  
 Tot Cts=81  
 Exp #=95342  
 Step=5" Pitch=+54", Yaw=+648"  
 Rast=30"x30"

HXRBS 04:39:08 04:39:13 04:39:20 Peak...c/s=44  
 Wavelength=1375A  
 UVSP 04:34  
 Radio Frequency(MHz)/Flux(sfu): 410/200 606/170

Event # = 11920  
 89/09/01,08:20 DOY=244  
 Start Peak  
 SMM Pointing: S16E45  
 H.Ang=50deg  
 Optical  
 Ha...Class=SB  
 G0ES 08:13 08:20 14:36  
 HXRBS 08:07:52 08:17:36 08:23:24  
 GRS 08:09:00 08:21:00  
 BCS 07:44 08:19 08:27  
 FCS  
 UVSP 08:19  
 Radio Sweeps Type/Intensity: III/3  
 Radio Frequency(MHz)/Flux(sfu): 1415/120 2695/360 4995/670 8800/480 15400/1800

Event # = 23199  
 89/09/01,15:01 DOY=244  
 Start Peak  
 End times  
 G0ES 14:58 15:01 15:38  
 BCS 15:30 15:34 15:38  
 FCS

FePeak=15:37  
 Qual=05  
 Qual=6  
 Importance=M2  
 CaPeak.c/s=140

Event # = 11921  
 89/09/01,15:43 DOY=244  
 Start Peak  
 End times  
 Optical  
 Ha...Class=SF  
 G0ES 15:39 15:43 15:50  
 HXRBS 15:38:05 15:40:25 15:43:25  
 Radio Frequency(MHz)/Flux(sfu): 4995/54

FePeak.c/s=12  
 #Peaks=1  
 dt= 7.7s  
 XEN=924406  
 Rast=240"x240"  
 Step=15"  
 Cad= 262s  
 1.024s/pixel

Event # = 11922  
 89/09/01,17:14 DOY=244  
 Start Peak  
 End times  
 Optical  
 Ha...Class=SF  
 G0ES 17:13:38 17:14:27 17:14:56  
 HXRBS 17:13:38 17:14:27 17:14:56  
 UVSP 17:31

FePeak.c/s=102  
 #Peaks=1  
 dt= 7.7s  
 XEN=924407  
 Rast=180"x1"  
 Step=0"  
 Pitch=+12", Yaw=+586"

Event # = 11924  
 89/09/01,17:21 DOY=244  
 Start Peak  
 End times  
 G0ES 17:21:01 17:21:19 17:21:43  
 HXRBS 17:21:01 17:21:19 17:21:43  
 UVSP 17:31

FePeak.c/s=188  
 #Peaks=1  
 dt= 7.7s  
 XEN=924407  
 Rast=180"x1"  
 Step=0"  
 Pitch=+12", Yaw=+586"

Event # = 23200  
 89/09/01,18:21 DOY=244  
 Start Peak  
 End times  
 G0ES 18:17 18:21 19:12  
 BCS 18:17 18:21 19:12  
 FCS  
 UVSP 18:09

FePeak.c/s=16  
 #Peaks=1  
 dt= 7.7s  
 XEN=924407  
 Rast=240"x240"  
 Step=15"  
 Cad= 262s  
 1.024s/pixel  
 Pitch=+14", Yaw=+582"

Event # = 11923			
89/09/01,18:49	DOY=244	SMM Pointing: S16E38	
Start	Peak	Pitch=+135", Yaw=+649", Roll=-20deg H.Ang=44deg	
End times			
GOES	Qual=00		
HXRBS	18:48:53	18:49:03	18:49:13
UVSP	19:03	19:03	19:03
Radio Sweeps	Type/Intensity:	Tot Cts=173	
Radio	Frequency(MHz)/Flux(sfu):	Exp #=95378	
	245/2500	410/55	
Event # = 23201			
89/09/01,19:51	DOY=244	SMM Pointing: S16E37	
Start	Peak	Pitch=+140", Yaw=+639", Roll=-20deg H.Ang=43deg	
End times			
GOES	Qual=00		
BGS	19:49	19:51	20:44
FCS	CaPeak.c/s=79		
UVSP	19:41	19:41	19:41
	Type/Intensity:	FePeak.c/s=12 dt= 7.7s XEN=924408	
	245/2500	410/55	
	Wavelength=2788A		Step=0"
	Wavelength=2788A		Pitch=+18", Yaw=+573"
Event # = 11925			
89/09/01,21:25	DOY=244	SMM Pointing: S16E37	
Start	Peak	Pitch=+140", Yaw=+639", Roll=-20deg H.Ang=43deg	
End times			
GOES	Qual=04		
HXRBS	21:21	21:25	21:36
BGS	21:22:14	21:23:03	21:24:19
FCS	21:21	21:24	21:53
UVSP	21:14	21:14	21:14
	Type/Intensity:	Tot Cts=2121	
	245/2500	Exp #=95381	
	Wavelength=2788A		Code=00
	Wavelength=2788A		dt= 3.8s XEN=924409
	Wavelength=2788A		Step=15"
	Wavelength=2788A		Cad= 262s
	Wavelength=2788A		Pitch=+23", Yaw=+565"
Event # = 23202			
89/09/01,23:59	DOY=244	SMM Pointing: S16E37	
Start	Peak	Pitch=+140", Yaw=+639", Roll=-20deg H.Ang=43deg	
End times			
Optical	Qual=05		
GOES	23:50	23:59	01:12
BGS	00:24	00:27	01:20
FCS	CaPeak.c/s=428		
UVSP	00:29	00:29	00:29
	Type/Intensity:	FePeak.c/s=31 dt= 3.8s XEN=924500	
	245/2500	Exp #=95385	
	Wavelength=1375A		Step=5"
	Wavelength=1375A		Pitch=+161", Yaw=+625"
Event # = 23203			
89/09/02,02:34	DOY=245	SMM Pointing: S16E47	
Start	Peak	Pitch=+140", Yaw=+639", Roll=-20deg H.Ang=43deg	
End times			
Optical	Qual=01		
GOES	01:59	02:34	02:52
BGS	CaPeak.c/s=86		
FCS	CaPeak.c/s=86		
UVSP	02:31	02:31	02:31
	Type/Intensity:	FePeak.c/s=12 dt= 7.7s XEN=924501	
	245/2500	Exp #=95400	
	Wavelength=1375A		Step=0"
	Wavelength=1375A		Pitch=+169", Yaw=+679"
Event # = 23204			
89/09/02,03:33	DOY=245	SMM Pointing: S20E46	
Start	Peak	Pitch=+140", Yaw=+639", Roll=-20deg H.Ang=43deg	
End times			
Optical	Qual=00		
GOES	03:31	03:33	04:24
BGS	CaPeak.c/s=37		
FCS	CaPeak.c/s=37		
UVSP	02:45	02:45	02:45
Radio Sweeps	Type/Intensity:	FePeak.c/s=7 dt= 7.7s XEN=924502	
	245/2500	Exp #=95402	
	Wavelength=1375A		Step=0"
	Wavelength=1375A		Pitch=+130", Yaw=+608"

Event # = 23205  
 89/09/02, 05:27 DOY=245  
 Start Peak  
 Carr. Lon. = 125deg H. Ang = 34deg  
 Mac. = DA0  
 FePeak.c/s=7 dt= 3.8s XEN=924503  
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 Step=5" Pitch=+153", Yaw=+636"  
 Exp # = 95409

Event # = 23206  
 89/09/02, 06:51 DOY=245  
 Start Peak  
 Carr. Lon. = 125deg H. Ang = 34deg  
 Mac. = DA0  
 FePeak.c/s=7 dt= 3.8s XEN=924503  
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 Step=5" Pitch=+153", Yaw=+636"  
 Exp # = 95409

Event # = 11926  
 89/09/02, 19:47 DOY=245  
 Start Peak  
 Carr. Lon. = 84deg H. Ang = 38deg  
 Mac. = EKC  
 FePeak.c/s=7 dt= 7.7s XEN=924504  
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel  
 Step=5" Pitch=+152", Yaw=+631"  
 Exp # = 95416

Event # = 11927  
 89/09/02, 21:11 DOY=245  
 Start Peak  
 Carr. Lon. = 89deg H. Ang = 37deg  
 Mac. = EKC  
 FePeak.c/s=7 dt= 7.7s XEN=924504  
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel  
 Step=5" Pitch=+152", Yaw=+631"  
 Exp # = 95416

Event # = 11928  
 89/09/02, 22:36 DOY=245  
 Start Peak  
 Carr. Lon. = 81deg H. Ang = 40deg  
 Mac. = EKC  
 FePeak.c/s=7 dt= 7.7s XEN=924504  
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel  
 Step=5" Pitch=+152", Yaw=+631"  
 Exp # = 95416

Event # = 11929  
 89/09/02, 22:36 DOY=245  
 Start Peak  
 Carr. Lon. = 81deg H. Ang = 40deg  
 Mac. = EKC  
 FePeak.c/s=7 dt= 7.7s XEN=924504  
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel  
 Step=5" Pitch=+152", Yaw=+631"  
 Exp # = 95416

Event # = 11930  
 89/09/03, 00:20 DOY=246  
 Start Peak  
 Carr. Lon. = 20deg H. Ang = 36deg  
 Mac. = DA0  
 FePeak.c/s=7 dt= 7.7s XEN=924600  
 Rast=0"x0" Step=0" Cad=3840s 3840s/pixel  
 Step=3" Pitch=+322", Yaw=+427"  
 Exp # = 95472

Event # = 23208									
89/09/03,01:38	DOY=246	Peak	End times						
GOES	00:58	01:38	01:53	01:53	CaPeak.c/s=47	Qual=00	FePeak=01:36	FePeak.c/s=9	#Peaks=2
BCS					Wavelength=1375A	Qual=1	Exp #=95474	Rast=0"x0"	dt= 3.8s
FCS								Rast=70"x70"	Cad=1.02s
UVSP	01:06								Pitch=+229",Yaw=+531"
Event # = 23209									
89/09/03,02:18	DOY=246	Peak	End times						
Optical	02:05	02:18	02:35	02:35	Ha...Class=1F	S17E29	AR5669	Mac.=FKC	Carr.Lon.=82deg
GOES	02:32	02:32	03:15	03:15	Importance=C7	Qual=05	FePeak=02:32	FePeak.c/s=11	#Peaks=1
BCS					CaPeak.c/s=94	Qual=5	Exp #=95475	Rast=180"x180"	dt= 3.8s
FCS					Wavelength=1375A			Rast=265"x265"	Cad= 332s
UVSP	02:35								Pitch=+247",Yaw=+508"
Event # = 11932									
89/09/03,04:36	DOY=246	Peak	End times						
Optical	04:36:03	04:36:24	04:36:51	04:36:51	SMM Pointing:	S18E24		Pitch=+415",Yaw=+351",Roll=3deg	H.Ang=35deg
GOES	04:33				Ha...Class=SF	S17E23	AR5669	Mac.=FKC	Carr.Lon.=87deg
HXRBS					Peak...c/s=41	Qual=00	Tot Cts=194	MaxkeV=102	H.Ang=33deg
UVSP	04:33				Wavelength=1375A	Qual=01	Exp #=95490	Rast=30"x30"	Step=5"
Event # = 11931									
89/09/03,04:40	DOY=246	Peak	End times						
Optical	04:30:07	04:30:18	04:31:37	04:31:37	SMM Pointing:	S18E24		Pitch=+415",Yaw=+351",Roll=3deg	H.Ang=35deg
GOES	04:31	04:40	04:58	04:58	Ha...Class=SF	S17E23	AR5669	Mac.=FKC	Carr.Lon.=87deg
HXRBS					Peak...c/s=49	Qual=01	Tot Cts=260	MaxkeV=102	H.Ang=33deg
BCS					CaPeak.c/s=58	Qual=1	FePeak=04:40	FePeak.c/s=12	#Peaks=2
UVSP	04:33				Wavelength=1375A		Exp #=95490	Rast=0"x0"	dt= 3.8s
Event # = 23210									
89/09/03,07:17	DOY=246	Peak	End times						
GOES	07:15	07:17	07:28	07:28	CaPeak.c/s=36	Qual=04	FePeak=07:17	FePeak.c/s=8	dt= 7.7s
BCS					Wavelength=1375A	Qual=4	Exp #=95504	Rast=0"x0"	Cad=1.02s
FCS								Rast=30"x30"	Pitch=+248",Yaw=+487"
UVSP	07:13								
Event # = 11933									
89/09/03,07:36	DOY=246	Peak	End times						
Optical	07:30	07:36	07:38	07:38	SMM Pointing:	S18E23		Pitch=+254",Yaw=+462",Roll=-20deg	H.Ang=34deg
GOES	07:31:27	07:31:54	07:32:28	07:32:28	Ha...Class=SF	S16E22	AR5669	Mac.=FKC	Carr.Lon.=86deg
HXRBS	07:31	07:34	07:51	07:51	Importance=C4	Qual=01	Tot Cts=2878	MaxkeV=188	H.Ang=32deg
BCS					Peak...c/s=186	Qual=01	FePeak=07:34	FePeak.c/s=14	#Peaks=1
FCS					CaPeak.c/s=71	Qual=1	Exp #=95506	Rast=420"x240"	dt= 3.8s
UVSP	07:26				Wavelength=1375A	Code=00		Rast=30"x30"	Cad= 459s
									Pitch=+249",Yaw=+466"

Event # = 23211																			
89/09/03,09:16	DOY=246	Peak	End times																
Start				Qual=00															
09:01	09:16	09:21	09:21	CaPeak.c/s=42	FePeak=09:16	FePeak.c/s=9	#Peaks=2	dt= 3.8s	XEN=924606										
BCS				WaveLength=1375A	Exp #=95517	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel										
FCS						Rast=30"x30"	Step=5"	Pitch=+234"	, Yaw=+458"										
UVSP																			
Event # = 23212																			
89/09/03,13:39	DOY=246	Peak	End times																
Start				Qual=00															
13:28	13:39	13:58	13:58	CaPeak.c/s=33	FePeak=13:37	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=924607										
BCS				WaveLength=1375A	Exp #=95542	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel										
FCS						Rast=30"x30"	Step=5"	Pitch=+283"	, Yaw=+474"										
UVSP																			
Event # = 23213																			
89/09/03,14:03	DOY=246	Peak	End times																
Start				Qual=00															
14:03	14:03	14:08	14:08	CaPeak.c/s=18	FePeak=14:06	FePeak.c/s=5	#Peaks=1	dt= 7.7s	XEN=924608										
BCS				WaveLength=1375A	Exp #=95546	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel										
FCS						Rast=30"x30"	Step=5"	Pitch=+284"	, Yaw=+482"										
UVSP																			
Event # = 23214																			
89/09/03,14:32	DOY=246	Peak	End times																
Start				Ha...Class=1B	AR5669	Mac.=FKC	Carr. Lon.=89deg		H. Ang=30deg										
Optical				Importance=X1															
14:27	14:32	16:02	16:02	CaPeak.c/s=1369	FePeak=14:49	FePeak.c/s=190	#Peaks=2	dt= 3.8s	XEN=924609										
BCS				WaveLength=2788A	Exp #=95547	Rast=420"x240"	Step=15"	Cad= 459s	1.024s/pixel										
FCS						Rast=10"x10"	Step=0"	Pitch=+156"	, Yaw=+291"										
UVSP																			
Event # = 11934																			
89/09/03,15:00	DOY=246	Peak	End times																
Start				SMM Pointing:		Pitch=+278"	Yaw=+404"	Roll=-20deg	H. Ang=31deg										
Optical				Ha...Class=SF	AR5672	Mac.=CAO	Carr. Lon.=57deg		H. Ang=48deg										
15:00:22	15:00:31	15:00:38	15:00:38	Peak...c/s=44	Tot Cts=77	MaxkeV=102	Step=0"												
BCS				WaveLength=2788A	Exp #=95547	Rast=10"x10"	Step=0"												
FCS																			
UVSP																			
Event # = 11935																			
89/09/03,15:10	DOY=246	Peak	End times																
Start				SMM Pointing:		Pitch=+278"	Yaw=+404"	Roll=-20deg	H. Ang=31deg										
Optical				Ha...Class=SF	AR5669	Mac.=FKC	Carr. Lon.=86deg		H. Ang=32deg										
15:08:27	15:10:49	15:16:18	15:16:18	Peak...c/s=46	Tot Cts=2334	MaxkeV=102	Step=0"												
BCS				WaveLength=2788A	Exp #=95548	Rast=10"x10"	Step=0"												
FCS																			
UVSP																			

Event # = 11937		DOY=246		SMM Pointing:		S18E24		Pitch=+243", Yaw=+484", Roll=-20deg		H. Ang=35deg	
89/09/03	17:10	Start	End times	Ha...Class=SF		S17E18		Mac.=FKC		Carr. Lon.=85deg	
Optical				Peak...c/s=52		Qual=00		MaxkeV=102		#Peaks=2 dt= 7.7s	
GOES	17:06:21	17:06:29	17:06:52	CaPeak.c/s=119		Qual=01		FePeak.c/s=25		Step=10" XEN=924610	
HXRBS	16:20	17:10	17:14	Wavelength=2788A		Qual= 3		Rast=180"x180"		Cad= 332s 1.024s/pixel	
BCS								Rast=10"x10"		Pitch=+125", Yaw=+366"	
FCS											
UVSP	17:06					Exp #=95550					
Event # = 11938		DOY=246		SMM Pointing:		S18E23		Pitch=+249", Yaw=+475", Roll=-20deg		H. Ang=34deg	
89/09/03	17:55	Start	End times	Ha...Class=SF		M27E46		Mac.=CAO		Carr. Lon.=57deg	
Optical				Peak...c/s=74		Qual=00		MaxkeV=188		#Peaks=1 dt= 7.7s	
GOES	17:54:05	17:54:17	17:54:23	CaPeak.c/s=32		Qual=01		FePeak.c/s=8		Step=10" XEN=924611	
HXRBS	17:55	17:55	17:59	Wavelength=2788A		Qual= 4		Rast=0"x0"		Cad=1.02s 1.024s/pixel	
BCS								Rast=10"x10"		Pitch=+127", Yaw=+361"	
FCS											
UVSP	17:43					Exp #=95551					
Event # = 11936		DOY=246		SMM Pointing:		S18E23		Pitch=+249", Yaw=+475", Roll=-20deg		H. Ang=34deg	
89/09/03	18:46	Start	End times	Ha...Class=SF		S18E26		Mac.=FKC		Carr. Lon.=76deg	
Optical				Importance=C5		Qual=04		MaxkeV=102		Flags=EN	
GOES	18:39	18:46	18:53	Peak...c/s=66		Qual=03		FePeak.c/s=37		#Peaks=1 dt= 3.8s	
HXRBS	18:38:39	18:42:15	18:45:09	CaPeak.c/s=190		Qual= 2		Rast=420"x240"		Cad= 459s 1.024s/pixel	
BCS	18:41	18:45	18:46	Wavelength=2788A		Code=00		Rast=10"x10"		Pitch=+130", Yaw=+355"	
FCS											
UVSP	18:39			Frequency(MHz)/Flux(sfu): 2695/56 4995/50 8800/38							
Radio											
Event # = 23215		DOY=246		SMM Pointing:		S18E23		Pitch=+249", Yaw=+475", Roll=-20deg		H. Ang=34deg	
89/09/03	19:52	Start	End times	Ha...Class=SF		S15E16		Mac.=FKC		Carr. Lon.=86deg	
Optical				Peak...c/s=52		Qual=00		MaxkeV=102		#Peaks=1 dt= 7.7s	
GOES	19:50	19:52	20:01	CaPeak.c/s=26		Qual= 4		FePeak.c/s=13		Step=10" XEN=924613	
BCS				Wavelength=2788A		Qual= 4		Rast=0"x0"		Cad=1.02s 1.024s/pixel	
FCS								Rast=10"x10"		Pitch=+135", Yaw=+343"	
UVSP	20:11					Exp #=95554					
Event # = 23216		DOY=246		SMM Pointing:		S15E16		Pitch=+249", Yaw=+475", Roll=-20deg		H. Ang=34deg	
89/09/03	20:05	Start	End times	Ha...Class=SF		S16E14		Mac.=FKC		Carr. Lon.=86deg	
Optical				Peak...c/s=74		Qual=00		MaxkeV=102		#Peaks=1 dt= 7.7s	
GOES	20:05	20:05	20:07	CaPeak.c/s=21		Qual= 4		FePeak.c/s=7		Step=10" XEN=924614	
BCS				Wavelength=2788A		Qual= 1		Rast=0"x0"		Cad=1.02s 1.024s/pixel	
FCS								Rast=10"x10"		Pitch=+135", Yaw=+343"	
UVSP	20:11					Exp #=95554					
Event # = 23217		DOY=246		SMM Pointing:		S16E14		Pitch=+249", Yaw=+475", Roll=-20deg		H. Ang=34deg	
89/09/03	23:15	Start	End times	Ha...Class=SF		S16E14		Mac.=FKC		Carr. Lon.=86deg	
Optical				Peak...c/s=52		Qual=00		MaxkeV=102		#Peaks=1 dt= 7.7s	
GOES	23:10	23:15	23:19	CaPeak.c/s=32		Qual= 1		FePeak.c/s=8		Step=10" XEN=924615	
BCS				Wavelength=2788A		Qual= 1		Rast=115"x115"		Cad=1083s 2.048s/pixel	
FCS								Rast=46"x46"		Pitch=-89", Yaw=-96"	
UVSP	22:39					Exp #=95558					

Event # = 23218		DOY=246		89/09/04		DOY=247	
89/09/03	23:43	Start	Peak	End times			
Optical		Ha...Class=1B	S17E27	AR5669		Mac.=FKC	Carr. Lon.=73deg
G0ES	23:35	Importance=M2	Qual=05			FePeak.c/s=6	#Peaks=1
BCS	00:00	CaPeak.c/s=54	Qual=5	FePeak=00:00		Rast=420"x240"	dt= 3.8s
FCS				Exp #=95559		Rast=265"x265"	Step=15"
UVSP	00:03	Wavelength=1375A				Pitch=+273"	Yaw=+367"
Event # = 23219		DOY=247		89/09/04		DOY=247	
89/09/04	00:34	Start	Peak	End times			
G0ES	00:20	CaPeak.c/s=201	Qual=03	FePeak=00:32		FePeak.c/s=42	#Peaks=1
BCS			Qual=1			Rast=0"x0"	Step=0"
FCS	00:07	Wavelength=1375A		Exp #=95560		Rast=70"x70"	Pitch=+240"
UVSP							Yaw=+349"
Event # = 11939		DOY=247		S16E14		H. Ang=27deg	
89/09/04	01:48	Start	Peak	End times			
G0ES	01:46:19	Peak...c/s=61	Qual=00	Tot Cts=1509		MaxkeV=188	
HXRBS	01:39	Wavelength=1375A	Qual=01	Exp #=95563		Rast=30"x30"	Pitch=+305"
UVSP		Frequency(MHz)/Flux(sfu):	410/180 1415/55 4995/32 8800/63 15400/63				Yaw=+332"
Event # = 23220		DOY=247		S16E14		H. Ang=27deg	
89/09/04	01:52	Start	Peak	End times			
G0ES	01:51	CaPeak.c/s=19	Qual=00	FePeak=01:51		FePeak.c/s=6	#Peaks=1
BCS			Qual=4			Rast=0"x0"	Step=0"
FCS	01:51	Wavelength=1375A		Exp #=95565		Rast=30"x30"	Pitch=+306"
UVSP							Yaw=+336"
Event # = 11940		DOY=247		S16E14		H. Ang=27deg	
89/09/04	03:11	Start	Peak	End times			
Optical		SMM Pointing:	S18E24	AR5669		Mac.=FKC	Carr. Lon.=74deg
G0ES	03:02	Ha...Class=SF	Qual=01			MaxkeV=231	Flags=SA
HXRBS	03:02:33	Importance=M1	Qual=02	Tot Cts=11394		FePeak.c/s=119	#Peaks=1
BCS	03:04	Peak...c/s=199	Qual=1	FePeak=03:08		Rast=420"x240"	dt= 3.8s
FCS		CaPeak.c/s=597				Rast=30"x30"	Cad= 459s
UVSP	03:10	Wavelength=1375A	Code=00	Exp #=95572		15400/150	Pitch=+290"
Radio		Frequency(MHz)/Flux(sfu):	606/160 1415/25 2695/23 4995/170 8800/230				Yaw=+315"
BCS	03:18	CaPeak.c/s=28	Qual=5	FePeak=03:18		FePeak.c/s=5	#Peaks=1
FCS						Rast=180"x180"	Step=10"
Event # = 11941		DOY=247		S16E13		H. Ang=26deg	
89/09/04	05:07	Start	Peak	End times			
Optical		SMM Pointing:	S18E20	AR5669		Mac.=FKC	Carr. Lon.=77deg
G0ES	04:58	Ha...Class=SF	Qual=01			MaxkeV=102	Step=5"
HXRBS	04:59:42	Importance=C6	Qual=01	Tot Cts=486		Rast=30"x30"	Pitch=+321"
UVSP	05:05	Peak...c/s=44	Code=00	Exp #=95585			Yaw=+360"

Event # = 11942										
89/09/04, 05:25	DOY=247		SMM Pointing:	S16E13				Pitch=+279", Yaw=+318", Roll=-20deg	H. Ang=26deg	
Start	Peak									
Optical		05:20	Ha...Class=SF	S18E20				Mac.=FKC	Carr. Lon.=76deg	H. Ang=32deg
GOES		05:25	Importance=C8	Qual=01		AR5669		MaxkeV=188	#Peaks=2	dt= 7.7s
HXRBS		05:21:30	Peak...c/s=77	Qual=01		Tot Cts=2594		FePeak.c/s=74	Step=10"	Cad= 332s
BCS		05:03	CaPeak.c/s=337	Qual= 1		FePeak=05:24		Rast=180"x180"	Step=5"	Pitch=+321", Yaw=+358"
FCS		05:17	Wave length=1375A	Code=00		Exp #=95587				
UVSP										
Event # = 23222										
89/09/04, 12:20	DOY=247									
Start	Peak									
Optical		12:01	Ha...Class=IN	S23E18		AR5669		Mac.=FKC	Carr. Lon.=75deg	H. Ang=35deg
GOES		12:20	Importance=M1	Qual=05				FePeak.c/s=18	#Peaks=1	dt= 7.7s
HXRBS		12:37	CaPeak.c/s=255	Qual= 5		FePeak=12:38		Rast=180"x180"	Step=10"	Cad= 332s
FCS										
Radio			Frequency(MHz)/Flux(sfu):	245/74						
Event # = 11943										
89/09/04, 15:28	DOY=247		SMM Pointing:	S16E07				Pitch=+314", Yaw=+231", Roll=-20deg	H. Ang=24deg	
Start	Peak									
Optical		15:22	Ha...Class=IN	S14W00		AR5669		Mac.=FKC	Carr. Lon.=91deg	H. Ang=21deg
GOES		15:35	Importance=M1	Qual=04				MaxkeV=188	#Peaks=2	dt= 7.7s
HXRBS		15:21:31	Peak...c/s=252	Qual=01		Tot Cts=19197		FePeak.c/s=84	Step=10"	Cad= 332s
BCS		15:20	CaPeak.c/s=402	Qual= 1		FePeak=15:26		Rast=180"x180"	Step=0"	Pitch=+193", Yaw=+417"
FCS		15:13	Wave length=2788A	Code=00		Exp #=95641				
UVSP			Frequency(MHz)/Flux(sfu):	2695/79 4995/180 8800/120 15400/67						
Radio										
Event # = 23223										
89/09/04, 17:01	DOY=247									
Start	Peak									
GOES		16:59	CaPeak.c/s=38	Qual=00		FePeak=17:00		FePeak.c/s=9	#Peaks=1	dt= 7.7s
HXRBS		17:01	Wave length=2788A	Qual=01		Exp #=95643		Rast=0"x0"	Step=0"	Cad=1.02s
BCS		17:05						Rast=180"x1"	Step=0"	Pitch=+198", Yaw=+185"
FCS										
UVSP										
Event # = 11944										
89/09/04, 17:22	DOY=247		SMM Pointing:	S16E06				Pitch=+319", Yaw=+219", Roll=-20deg	H. Ang=24deg	
Start	Peak									
GOES		17:22:07	Peak...c/s=53	Qual=00				MaxkeV=144	Step=0"	Pitch=+200", Yaw=+397"
HXRBS		17:22:14	Wave length=2788A	Qual=01		Tot Cts=165		Rast=180"x1"	Step=0"	
BCS		17:39				Exp #=95644				
FCS										
UVSP										
Event # = 11945										
89/09/04, 19:11	DOY=247		SMM Pointing:	S16E05				Pitch=+324", Yaw=+206", Roll=-20deg	H. Ang=24deg	
Start	Peak									
Optical		19:06	Ha...Class=SN	S18E06		AR5669		Mac.=FKC	Carr. Lon.=83deg	H. Ang=26deg
GOES		19:11	Importance=C8	Qual=03				MaxkeV=231	Flags=EN	
HXRBS		19:07:22	Peak...c/s=254	Qual=03		Tot Cts=8089		FePeak.c/s=98	#Peaks=1	dt= 3.8s
BCS		19:10	CaPeak.c/s=327	Qual= 3		FePeak=19:10		Rast=420"x240"	Step=15"	Cad= 459s
FCS		19:10						Rast=39"x39"	Step=3"	Pitch=+254", Yaw=+228"
UVSP		18:48	Wave length=2788A	Code=00		Exp #=95647				
Radio			Frequency(MHz)/Flux(sfu):	2695/89 4995/180 8800/190 15400/74						



Event # = 23224		DOY=247																			
89/09/04	20:42	Start	End times																		
GOES	20:40		20:43	CaPeak.c/s=19	Qual=00	FePeak=20:40															
BCS	20:40				Qual=2																
FCS	20:37			Wavelength=1375A		Exp #=95656															
UVSP																					
Event # = 23225		DOY=247																			
89/09/04	22:04	Start	End times																		
Optical				Ha...Class=SF	S18E10	AR5669															
GOES	21:57		22:07	CaPeak.c/s=27	Qual=00	FePeak=21:57															
BCS	21:57				Qual=7																
FCS	21:58			Wavelength=1375A		Exp #=95663															
UVSP																					
Event # = 23226		DOY=247																			
89/09/04	23:08	Start	End times																		
Optical				Ha...Class=SF	S20E14	AR5669															
GOES	23:00		23:30	CaPeak.c/s=52	Qual=00	FePeak=23:05															
BCS	23:00				Qual=4																
FCS	23:07			Wavelength=1375A		Exp #=95668															
UVSP																					
Event # = 11954		DOY=248																			
89/09/05	05:14	Start	End times																		
Optical				SMM Pointing:	S16W01																
GOES	05:13:48		05:14:12	Peak...c/s=69	Qual=00	Tot Cts=351															
HXRBS	05:12			Wavelength=1375A	Qual=01	Exp #=95702															
UVSP																					
Event # = 23227		DOY=248																			
89/09/05	05:15	Start	End times																		
Optical				CaPeak.c/s=27	Qual=00	FePeak=05:15															
GOES	05:15		05:18		Qual=4																
BCS	05:15			Wavelength=1375A		Exp #=95702															
FCS	05:12																				
UVSP																					
Event # = 11955		DOY=248																			
89/09/05	05:50	Start	End times																		
Optical				SMM Pointing:	S16W01																
GOES	05:46		06:00	Ha...Class=SF	S15W11	AR5669															
HXRBS	05:45:32		05:48:51	Importance=C4	Qual=01	Tot Cts=1238															
BCS	05:50		06:03	Peak...c/s=49	Qual=01	FePeak=05:50															
FCS	05:50			CaPeak.c/s=80	Qual=1																
UVSP	05:50			Wavelength=1375A	Code=02	Exp #=95710															

Event # = 11956													
89/09/05,06:01	DOY=248	Peak	End times		SMM Pointing:		S16W01		Pitch=+374", Yaw=-30", Roll=3deg		H. Ang=23deg		
GOES	06:01:31	06:01:36	06:01:48	06:01:50	Peak...c/s=36	WaveLength=1375A	Qual=06	Qual=01	Tot Cts=74	MaxkeV=102	Rast=30"x30"	Step=5"	Pitch=+398", Yaw=-96"
HXRBS	06:01:31	06:01:36	06:01:48	06:01:50	Peak...c/s=36	WaveLength=1375A	Qual=06	Qual=01	Tot Cts=74	MaxkeV=102	Rast=30"x30"	Step=5"	Pitch=+398", Yaw=-96"
UVSP	05:50								Exp #=95710				
Event # = 11949													
89/09/05,10:02	DOY=248	Peak	End times		SMM Pointing:		S16W04		Pitch=+368", Yaw=+73", Roll=-20deg		H. Ang=23deg		
GOES	10:02:24	10:02:42	10:02:51	09:53	Peak...c/s=39	WaveLength=1375A	Qual=00	Qual=01	Tot Cts=137	MaxkeV=102	Rast=30"x30"	Step=5"	Pitch=+344", Yaw=+185"
HXRBS	10:02:24	10:02:42	10:02:51	09:53	Peak...c/s=39	WaveLength=1375A	Qual=00	Qual=01	Tot Cts=137	MaxkeV=102	Rast=30"x30"	Step=5"	Pitch=+344", Yaw=+185"
UVSP	09:53								Exp #=95731				
Event # = 11950													
89/09/05,11:29	DOY=248	Peak	End times		SMM Pointing:		S16W05		Pitch=+372", Yaw=+58", Roll=-20deg		H. Ang=23deg		
GOES	11:28:56	11:29:06	11:29:33	11:24	Peak...c/s=59	WaveLength=1375A	Qual=00	Qual=01	Tot Cts=350	MaxkeV=102	Rast=10"x10"	Step=0"	Pitch=+394", Yaw=+87"
HXRBS	11:28:56	11:29:06	11:29:33	11:24	Peak...c/s=59	WaveLength=1375A	Qual=00	Qual=01	Tot Cts=350	MaxkeV=102	Rast=10"x10"	Step=0"	Pitch=+394", Yaw=+87"
UVSP	11:24								Exp #=95740				
Event # = 11951													
89/09/05,11:48	DOY=248	Peak	End times		SMM Pointing:		S16W05		Pitch=+372", Yaw=+58", Roll=-20deg		H. Ang=23deg		
GOES	11:44	11:48	11:52	11:47	Importance=C4		Qual=01	Qual=01	Tot Cts=1376	MaxkeV=102			
HXRBS	11:44:49	11:45:22	11:47:30	11:47	Peak...c/s=53	CaPeak.c/s=39	Qual=01	Qual=1	Tot Cts=1376	FePeak.c/s=12	#Peaks=1	dt= 3.8s	XEN=924802
BCS	11:47	11:47	11:51	11:47	CaPeak.c/s=39		Qual=1		FePeak=11:47	Rast=420"x240"	Step=15"	Cad= 459s	1.024s/pixel
FCS	11:47	11:47	11:51	11:47	CaPeak.c/s=39		Qual=1		FePeak=11:47	Rast=10"x10"	Step=0"	Pitch=+394", Yaw=+86"	
UVSP	11:37				WaveLength=1375A		Code=00		Exp #=95742				
Event # = 11957													
89/09/05,16:12	DOY=248	Peak	End times		SMM Pointing:		S16W06		Pitch=+384", Yaw=+41", Roll=-20deg		H. Ang=24deg		
Optical	16:00	16:12	16:21	16:09	Ha...Class=IN		S18W11		AR5669	Mac. =FKC	Carr. Lon. =88deg	H. Ang=27deg	
GOES	16:00	16:12	16:21	16:09	Importance=C9		Qual=01		Tot Cts=27579	MaxkeV=231			
HXRBS	16:00:43	16:02:33	16:13:18	16:13	Peak...c/s=576	CaPeak.c/s=629	Qual=01	Qual= 6	Tot Cts=27579	FePeak.c/s=134	#Peaks=1	dt= 7.7s	XEN=924803
BCS	16:09	16:13	16:15	16:13	CaPeak.c/s=629		Qual= 6		FePeak=16:13	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
FCS	16:09	16:13	16:15	16:13	CaPeak.c/s=629		Qual= 6		FePeak=16:13	Rast=180"x1"	Step=0"	Pitch=+267", Yaw=+216"	
UVSP	15:46				WaveLength=2788A		Code=01		Exp #=95764				
Radio	Frequency(MHz)/Flux(sfu):	245/60	410/970	606/74	4995/79	8800/270	15400/290						
Event # = 11958													
89/09/05,18:00	DOY=248	Peak	End times		SMM Pointing:		S16W07		Pitch=+388", Yaw=+27", Roll=-20deg		H. Ang=24deg		
Optical	17:32	18:00	18:18	17:31	Ha...Class=SF		S18W07		AR5669	Mac. =FKC	Carr. Lon. =83deg	H. Ang=26deg	
GOES	17:32	18:00	18:18	17:31	Importance=C4		Qual=01		Tot Cts=980	MaxkeV=102			
HXRBS	17:31:18	17:32:09	17:32:59	18:13	Peak...c/s=53		Qual=01		Exp #=95767	Rast=180"x1"	Step=0"	Pitch=+274", Yaw=+196"	
UVSP	18:13				WaveLength=2788A								
Radio	Frequency(MHz)/Flux(sfu):	1415/30	2695/60	4995/38									

Event # = 11959	D0Y=248	S16W08	Pitch=+396", Yaw=+4", Roll=-20deg	H.Ang=25deg
89/09/05, 19:24	Peak	SMM Pointing:		
Start	End times			
Optical	19:24	Ha...Class=SF		
GOES	19:20:23	Importance=C6		
HXRBS	19:21:03	Peak...c/s=134		
BCS	19:23	CaPeak.c/s=145		
FCS		WaveLength=2788A		
UVSP		Code=00		
Radio Sweeps		Exp #=95770		
	Type/Intensity:			
		III/I		
Event # = 11960	D0Y=248	S16W10	Pitch=+405", Yaw=-20", Roll=-20deg	H.Ang=25deg
89/09/05, 22:23	Peak	SMM Pointing:		
Start	End times			
Optical	22:23	Ha...Class=IB		
GOES	22:21	Importance=M6		
HXRBS	22:19:25	Peak...c/s=9617		
GRS	22:22:00	CaPeak.c/s=2552		
BCS	22:00	Qual=1		
FCS		Code=00		
UVSP		Exp #=95781		
Radio Sweeps		WaveLength=1375A		
Radio		III/I		
	Type/Intensity:			
		410/950 606/340 2695/370 8800/270 15400/600		
Event # = 23229	D0Y=248	Qual=00	FePeak.c/s=11	XEN=924806
89/09/05, 22:32	Peak	Qual=5	Rast=180"x180"	XEN=924805
Start	End times		Rast=70"x70"	
GOES	22:32	CaPeak.c/s=122	dt= 7.7s	
BCS		WaveLength=1375A	Step=10"	
FCS			Step=5"	
UVSP			Pitch=+425", Yaw=-26"	
			Dur=60sec	
Event # = 12600	D0Y=248	S16W10	Pitch=+405", Yaw=-20", Roll=-20deg	H.Ang=25deg
89/09/05, 22:41	Peak	SMM Pointing:		
Start	End times			
GOES	22:41:44	Peak...c/s=77		
HXRBS	22:41:53	WaveLength=1375A		
UVSP	22:08			
Event # = 11961	D0Y=249	S16W11	Pitch=+409", Yaw=-33", Roll=-20deg	H.Ang=25deg
89/09/06, 04:58	Peak	SMM Pointing:		
Start	End times			
GOES	04:58:21	Peak...c/s=55		
HXRBS	04:58:30	Qual=00		
UVSP		Qual=01		
		Tot Cts=257		
Event # = 11962	D0Y=249	N07E01	Pitch=+0", Yaw=+17", Roll=0deg	H.Ang=1deg
89/09/06, 15:22	Peak	SMM Pointing:		
Start	End times			
Optical	15:11	Ha...Class=SF		
GOES	15:11:15	Importance=C4		
HXRBS	15:11:24	Peak...c/s=95		
Radio Sweeps		Type/Intensity:		
Radio		V/2		
		410/59		

Event # = 11963		89/09/07		DOY=250	
89/09/07	00:22:22	Start	Peak	DOY=250	
SMM Pointing: S16W30					
Pitch=+496", Yaw=-310", Roll=-20deg H. Ang=38deg					
GOES					
HXRBS	00:22:06	00:22:12	00:22:23	Qual=00	
UVSP	23:58			Qual=01	
Peak...c/s=106					
WaveLength=2788A					
Tot Cts=419					
Exp #=95788					
Step=0" Pitch=+375", Yaw=-124"					
Event # = 12598					
89/09/07	00:56:56	Start	Peak	DOY=250	
SMM Pointing: S16W30					
Pitch=+496", Yaw=-310", Roll=-20deg H. Ang=38deg					
GOES					
HXRBS	00:55:52	00:56:07	00:56:22	Qual=00	
UVSP	00:54			Qual=01	
Peak...c/s=1002					
WaveLength=2788A					
Exp #=95789					
Step=0" Pitch=+377", Yaw=-131"					
Event # = 12599					
89/09/07	01:41:41	Start	Peak	DOY=250	
SMM Pointing: S16W31					
Pitch=+499", Yaw=-321", Roll=-20deg H. Ang=38deg					
Optical					
GOES	01:37	01:41	01:45	Qual=00	
HXRBS	01:38:40	01:39:30	01:41:11	Qual=01	
UVSP	01:31			Qual=01	
Peak...c/s=242					
WaveLength=2788A					
Exp #=95790					
Step=0" Pitch=+378", Yaw=-135"					
Event # = 11964					
89/09/07	03:32:32	Start	Peak	DOY=250	
SMM Pointing: S16W32					
Pitch=+383", Yaw=-464", Roll=-3deg H. Ang=39deg					
GOES					
HXRBS	03:31:20	03:31:37	03:32:01	Qual=00	
BFS	03:32	03:32	03:34	Qual=01	
UVSP	03:58			Qual=4	
Peak...c/s=41					
CaPeak.c/s=20					
Exp #=95793					
Step=0" Pitch=+262", Yaw=-285"					
Event # = 11965					
89/09/07	03:36:36	Start	Peak	DOY=250	
SMM Pointing: S16W32					
Pitch=+383", Yaw=-464", Roll=-3deg H. Ang=39deg					
Optical					
GOES	03:35:48	03:36:21	03:36:53	Qual=00	
HXRBS	03:35			Qual=01	
UVSP	03:58			Qual=01	
Peak...c/s=38					
WaveLength=2788A					
Exp #=95793					
Step=0" Pitch=+262", Yaw=-285"					
Event # = 11966					
89/09/07	03:46:46	Start	Peak	DOY=250	
SMM Pointing: S16W32					
Pitch=+383", Yaw=-464", Roll=-3deg H. Ang=39deg					
Optical					
GOES	03:45:41	03:46:02	03:46:10	Qual=00	
HXRBS	03:58			Qual=01	
UVSP	03:58			Qual=01	
Peak...c/s=36					
WaveLength=2788A					
Exp #=95793					
Step=0" Pitch=+262", Yaw=-285"					

Event # = 11967  
 89/09/07, 05:36 DOY=250 Peak  
 Start  
 Optical  
 GOES 05:27 05:36 05:52  
 HXRBS 05:17:49 05:19:14 05:20:26  
 BCS 05:15 05:35 05:37  
 FCS  
 UVSP 05:30  
 Radio Sweeps  
 Radio Frequency (MHz)/Flux(sfu):  
 Type/Intensity:  
 III/2  
 245/7800 410/340 8800/42 15400/66  
 Associated Event # = 11968  
 Qual=01 Tot Cts=1222  
 HXRBS 05:31:13 05:31:36 05:33:42 Peak...c/s=54  
 Associated Event # = 11969  
 HXRBS 05:35:38 05:36:06 05:36:21 Peak...c/s=54

Event # = 23230  
 89/09/07, 06:17 DOY=250 Peak  
 Start  
 Optical  
 GOES 06:16 06:17 06:46  
 BCS  
 FCS  
 UVSP 06:07

Event # = 11970  
 89/09/07, 07:00 DOY=250 Peak  
 Start  
 Optical  
 GOES 06:58:32 06:58:54 06:58:59  
 HXRBS 06:53 07:00 07:06  
 BCS  
 FCS  
 UVSP 07:01

Event # = 11971  
 89/09/07, 08:02 DOY=250 Peak  
 Start  
 Optical  
 GOES 08:01:15 08:02:01 08:02:47  
 HXRBS 08:01 08:02  
 UVSP 08:01  
 Radio Frequency (MHz)/Flux(sfu):  
 4995/54

Event # = 11972  
 89/09/07, 08:19 DOY=250 Peak  
 Start  
 Optical  
 GOES 08:18:51 08:19:01 08:19:31  
 HXRBS 08:12  
 UVSP 08:12

Pitch=+505", Yaw=-343", Roll=-20deg  
 H. Ang=40deg  
 Carr. Lon.=82deg  
 H. Ang=35deg  
 Mac.=FKC  
 MaxkeV=232  
 FePeak.c/s=64  
 Rast=0"x0"  
 Rast=180"x1"  
 #Peaks=2 dt= 7.7s XEN=925002  
 Step=0" Cad=1.02s 1.024s/pixel  
 Step=0" Pitch=+386", Yaw=-164"

Mac.=EKI  
 Carr. Lon.=48deg  
 H. Ang=18deg  
 #Peaks=1 dt= 7.7s XEN=925003  
 Step=0" Cad=1.02s 1.024s/pixel  
 Step=0" Pitch=+387", Yaw=-168"

Pitch=+508", Yaw=-354", Roll=-20deg  
 H. Ang=40deg  
 Mac.=AXX  
 Carr. Lon.=327deg  
 H. Ang=86deg  
 MaxkeV=102  
 FePeak.c/s=5  
 Rast=0"x0"  
 Rast=180"x1"  
 #Peaks=1 dt= 7.7s XEN=925004  
 Step=0" Cad=1.02s 1.024s/pixel  
 Step=0" Pitch=+388", Yaw=-175"

Pitch=+511", Yaw=-365", Roll=-20deg  
 H. Ang=41deg  
 Mac.=FKC  
 Carr. Lon.=71deg  
 H. Ang=32deg  
 MaxkeV=102  
 Rast=30"x30"  
 Step=5" Pitch=+510", Yaw=-291"

Pitch=+511", Yaw=-365", Roll=-20deg  
 H. Ang=41deg  
 Mac.=BXO  
 Carr. Lon.=33deg  
 H. Ang=29deg  
 MaxkeV=102  
 Rast=30"x30"  
 Step=5" Pitch=+511", Yaw=-292"

Event # = 11973  
89/09/07,08:29 DOY=250 Start Peak End times  
Optical S16W34 SMM Pointing: Pitch=+511",Yaw=-365",Roll=-20deg H.Ang=41deg  
GOES 08:22 08:29 08:39 Ha...Class=18 S17W32 AR5669 Carr.Lon.=87deg H.Ang=40deg  
HXRBs 08:21:03 08:24:05 08:29:33 Importance=M2 Qual=03 Tot Cts=63093 Flags=M5  
BCS 08:38 08:39 08:40 CaPeak..c/s=608 Peak...c/s=608 Qual=01 FePeak=188 #Peaks=1 dt= 7.7s XEN=925006  
FCS dt= 7.7s XEN=925006  
UVSP dt= 7.7s XEN=925006  
Radio FePeak..c/s=8 #Peaks=1 dt= 7.7s XEN=925006  
Sweeps Step=0" Step=5" Step=5" Step=5" Cad=1.02s 1.024s/pixel  
Type/Intensity: V/2 Step=5" Pitch=+501",Yaw=-313"  
Radio Frequency(MHz)/Flux(sfu): 245/1600 410/120 606/40 1415/340 2695/290 4995/250 8800/110 15400/80

Event # = 11974  
89/09/07,09:50 DOY=250 Start Peak End times  
GOES S16W35 SMM Pointing: Pitch=+514",Yaw=-376",Roll=-20deg H.Ang=42deg  
HXRBs 09:49:57 09:50:58 09:51:06 Peak...c/s=87 Qual=00 Tot Cts=1410  
UVSP 09:48 09:49 09:50 09:51 09:52 WaveLength=1375A Qual=01 Exp #=95814  
MaxkeV=144  
Rast=30"x30" Step=5" Pitch=+514",Yaw=-483"

Event # = 11975  
89/09/07,10:09 DOY=250 Start Peak End times  
GOES S16W35 SMM Pointing: Pitch=+514",Yaw=-376",Roll=-20deg H.Ang=42deg  
HXRBs 10:08:59 10:09:17 10:10:21 Peak...c/s=74 Qual=00 Tot Cts=655  
UVSP 10:00 10:01 10:02 10:03 10:04 WaveLength=1375A Qual=01 Exp #=95816  
Radio Frequency(MHz)/Flux(sfu): 245/650 MaxkeV=102  
Rast=30"x30" Step=5" Pitch=+514",Yaw=-484"

Event # = 11976  
89/09/07,10:57 DOY=250 Start Peak End times  
GOES S16W36 SMM Pointing: Pitch=+517",Yaw=-386",Roll=-20deg H.Ang=43deg  
HXRBs 10:57:10 10:57:29 10:57:52 Peak...c/s=38 Qual=00 Tot Cts=137  
UVSP 10:54 10:55 10:56 10:57 10:58 WaveLength=1375A Qual=01 Exp #=95817  
MaxkeV=102  
Rast=265"x265" Step=5" Pitch=+524",Yaw=-374"

Event # = 11977  
89/09/07,16:02 DOY=250 Start Peak End times  
GOES S16W39 SMM Pointing: Pitch=+525",Yaw=-420",Roll=-20deg H.Ang=45deg  
HXRBs 16:02:18 16:02:20 16:02:32 Peak...c/s=42 Qual=00 Tot Cts=132  
UVSP 16:01 16:02 16:03 16:04 WaveLength=1375A Qual=01 Exp #=95850  
MaxkeV=102  
Rast=10"x10" Step=0" Pitch=+510",Yaw=-331"

Event # = 11978  
89/09/07,16:18 DOY=250 Start Peak End times  
GOES S16W39 SMM Pointing: Pitch=+525",Yaw=-420",Roll=-20deg H.Ang=45deg  
HXRBs 16:17:33 16:18:43 16:19:33 Peak...c/s=41 Qual=00 Tot Cts=626  
UVSP 16:14 16:15 16:16 16:17 16:18 WaveLength=1375A Qual=01 Exp #=95852  
MaxkeV=102  
Rast=10"x10" Step=0" Pitch=+510",Yaw=-312"

Event # = 23232  
89/09/07,17:06 DOY=250 Start Peak End times  
GOES Qual=00  
BCS 17:04 17:06 17:15 CaPeak..c/s=28 Qual=1 FePeak=17:06 dt= 7.7s XEN=925007  
FCS 17:04 17:05 17:15 WaveLength=1375A Exp #=95854 Step=0" Cad=1.02s 1.024s/pixel  
UVSP 17:05 17:06 17:15 WaveLength=1375A Exp #=95854 Step=10" Pitch=+507",Yaw=-473"

Event # = 23233	DOY=250	Start	End times	Peak	Frequency (MHz)/Flux(sfu)	Mac. = FKC	Carr. Lon. = 87deg	H. Ang = 42deg
Optical		17:18	17:32	17:26	1375A	FePeak.c/s=13	#Peaks=1	XEN=925008
GOES		17:19			410/65	Rast=0"x0"	Step=0"	Cad=1.02s
BCS						Rast=10"x10"	Pitch=0"	1.024s/pixel
FCS								Yaw=-444"
UVSP								
Radio								
-----								
Event # = 11979	DOY=250	Start	End times	Peak	Frequency (MHz)/Flux(sfu)	Mac. = FKC	Carr. Lon. = 84deg	H. Ang = 46deg
Optical		18:52	19:15	19:02	1375A	FePeak.c/s=13	#Peaks=1	XEN=925008
GOES		18:57:33	18:59:27	18:58:14	410/490	Rast=0"x0"	Step=0"	Cad=1.02s
HXRBS		19:01				Rast=10"x10"	Pitch=0"	1.024s/pixel
UVSP								Yaw=-444"
Radio								
-----								
Event # = 11980	DOY=250	Start	End times	Peak	Frequency (MHz)/Flux(sfu)	Mac. = FKC	Carr. Lon. = 81deg	H. Ang = 47deg
Optical		20:32:16	20:34:10	20:33:35	1375A	FePeak.c/s=13	#Peaks=1	XEN=925008
GOES		20:32			410/490	Rast=0"x0"	Step=0"	Cad=1.02s
HXRBS						Rast=10"x10"	Pitch=0"	1.024s/pixel
UVSP								Yaw=-444"
Radio								
-----								
Event # = 11981	DOY=250	Start	End times	Peak	Frequency (MHz)/Flux(sfu)	Mac. = FKC	Carr. Lon. = 81deg	H. Ang = 47deg
Optical		20:35:55	20:36:39	20:36:02	1375A	FePeak.c/s=13	#Peaks=1	XEN=925008
GOES		20:35	21:31	21:17	410/490	Rast=0"x0"	Step=0"	Cad=1.02s
HXRBS		21:35	21:44	21:35		Rast=10"x10"	Pitch=0"	1.024s/pixel
UVSP								Yaw=-444"
Radio								
-----								
Event # = 23234	DOY=250	Start	End times	Peak	Frequency (MHz)/Flux(sfu)	Mac. = FKC	Carr. Lon. = 9deg	H. Ang = 45deg
Optical		21:07	21:31	21:17	2788A	FePeak.c/s=5	#Peaks=1	XEN=925011
GOES		21:35	21:44	21:35	410/87	Rast=0"x0"	Step=0"	Cad=1.02s
BCS						Rast=243"x243"	Pitch=3"	1.024s/pixel
FCS								Yaw=-445"
UVSP								
Radio								
-----								
Event # = 11983	DOY=250	Start	End times	Peak	Frequency (MHz)/Flux(sfu)	Mac. = FKC	Carr. Lon. = 351deg	H. Ang = 56deg
Optical		23:13:46	23:14:20	23:13:57	8800/35	FePeak.c/s=5	#Peaks=1	XEN=925011
GOES		22:58			8800/35	Rast=0"x0"	Step=0"	Cad=1.02s
HXRBS						Rast=180"x1"	Pitch=0"	1.024s/pixel
UVSP								Yaw=-282"
Radio								

Event # = 23235  
 89/09/08,01:21 DOY=251 Peak  
 GOES 01:19 01:21 01:31 End times  
 BCS 01:19 01:21 01:31 CaPeak.c/s=29 Qual=00  
 FCS 01:19 01:21 01:31 FePeak=01:19 Qual=4  
 UVSP 01:26 01:31 Wavelength=2788A Exp #=95885

Event # = 11990  
 89/09/08,01:24 DOY=251 Peak  
 GOES 01:24:04 01:24:14 01:24:31 SMM Pointing: S16W44  
 HXRBS 01:24:04 01:24:14 01:24:31 Peak...c/s=46  
 UVSP 01:26 01:31 Wavelength=2788A

Event # = 11991  
 89/09/08,01:25 DOY=251 Peak  
 GOES 01:25:33 01:25:38 01:25:53 SMM Pointing: S16W44  
 HXRBS 01:25:33 01:25:38 01:25:53 Peak...c/s=45  
 UVSP 01:26 01:31 Wavelength=2788A

Event # = 11992  
 89/09/08,02:35 DOY=251 Peak  
 Optical 02:31 02:35 02:42 SMM Pointing: S16W44  
 GOES 02:31:26 02:33:23 02:35:20 Ha...Class=SF S21W34  
 HXRBS 02:31:26 02:33:23 02:35:20 Importance=C5 Qual=01  
 BCS 02:33 02:36 03:04 Peak...c/s=350 Qual=01  
 FCS 02:33 02:36 03:04 CaPeak.c/s=119 Qual=1  
 UVSP 02:57 Wavelength=2788A  
 Radio Frequency(MHz)/Flux(sfu): 606/83 1415/41

Event # = 11993  
 89/09/08,03:38 DOY=251 Peak  
 Optical 03:28 03:38 03:50 SMM Pointing: S16W45  
 GOES 03:41:17 03:42:09 03:42:43 Ha...Class=IN N29E27  
 HXRBS 03:41:17 03:42:09 03:42:43 Importance=M1 Qual=05  
 UVSP 03:35 03:35 Wavelength=2788A Code=00

Event # = 11984  
 89/09/08,04:09 DOY=251 Peak  
 Optical 04:06 04:09 04:14 SMM Pointing: S16W45  
 GOES 04:07:18 04:07:32 04:11:35 Ha...Class=SF S20W25  
 HXRBS 04:07:18 04:07:32 04:11:35 Importance=M1 Qual=01  
 GRS 04:07:00 04:08:00 Peak...c/s=7151 Qual=02  
 BCS 04:09 04:11 04:37 CaPeak.c/s=162 Qual=1  
 FCS 04:30 Wavelength=2788A  
 UVSP 04:30 Type/Intensity: III/3  
 Radio Sweeps  
 Radio Frequency(MHz)/Flux(sfu): 245/18000 410/16000 606/270 1415/79 2695/84 4995/150 8800/360 15400/1200

FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=925100  
 Rast=0"x0" Cad=1.02s 1.024s/pixel  
 Rast=180"x1" Pitch=0" Step=0" Pitch=+420",Yaw=-297"

Pitch=+540",Yaw=-481",Roll=-20deg H.Ang=49deg  
 MaxkeV=102  
 Rast=180"x1" Step=0" Pitch=+420",Yaw=-297"

Pitch=+540",Yaw=-481",Roll=-20deg H.Ang=49deg  
 MaxkeV=102  
 Rast=180"x1" Step=0" Pitch=+420",Yaw=-297"

Pitch=+540",Yaw=-481",Roll=-20deg H.Ang=49deg  
 Mac.=FKC Carr.Lon.=79deg H.Ang=44deg  
 MaxkeV=188  
 FePeak.c/s=27 #Peaks=1 dt= 3.8s XEN=925101  
 Rast=0"x0" Cad=.26s 0.256s/pixel  
 Rast=180"x1" Step=0" Pitch=+422",Yaw=-306"

Pitch=+543",Yaw=-491",Roll=-20deg H.Ang=50deg  
 Mac.=ES0 Carr.Lon.=18deg H.Ang=33deg  
 MaxkeV=102  
 Rast=180"x1" Step=0" Pitch=+423",Yaw=-310"

Pitch=+543",Yaw=-491",Roll=-20deg H.Ang=50deg  
 Mac.=FKC Carr.Lon.=69deg H.Ang=37deg  
 MaxkeV=420 Flags=M5,S6  
 FePeak.c/s=36 #Peaks=1 dt= 3.8s XEN=925102  
 Rast=0"x0" Cad=.26s 0.256s/pixel  
 Rast=180"x1" Step=0" Pitch=+424",Yaw=-316"



Event # = 11985 89/09/08,04:25 Start Peak	DOY=251	End times	SMM Pointing:	S16W45	Pitch=+543", Yaw=-491", Roll=-20deg	H. Ang=50deg
Optical			Ha...Class=SF	N27E26 Qual=00	Mac.=ESO	Carr. Lon.=18deg H. Ang=32deg
GOES HXRB UVSP	04:24:17 04:25:09 04:30	04:25:42	Peak...c/s=41 Wavelength=2788A	Tot Cts=364 Exp #=95889	MaxkeV=102 Rast=180"x1"	Step=0" Pitch=+424", Yaw=-316"
Event # = 11986 89/09/08,04:29 Start Peak	DOY=251	End times	SMM Pointing:	S16W45	Pitch=+543", Yaw=-491", Roll=-20deg	H. Ang=50deg
Optical			Ha...Class=SF	S17W37 N27E26 Qual=00	Mac.=FKC	Carr. Lon.=81deg H. Ang=44deg
GOES HXRB UVSP	04:28:51 04:29:14 04:30	04:30:19	Peak...c/s=59 Wavelength=2788A	Tot Cts=524 Exp #=95889	MaxkeV=102 Rast=180"x1"	Step=0" Pitch=+424", Yaw=-316"
Event # = 23236 89/09/08,05:29 Start Peak	DOY=251	End times	Ha...Class=SN	S11E90 Qual=00	Carr. Lon.=314deg	H. Ang=91deg
Optical			CaPeak.c/s=43	Qual=4		
GOES BCS FCS UVSP	05:15 05:29 05:06	05:47	WaveLength=2788A	FePeak=05:29 Exp #=95890	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 dt= 7.7s XEN=925103 Step=0" Cad=1.02s 1.024s/pixel Step=0" Pitch=+425", Yaw=-319"
Event # = 11987 89/09/08,05:57 Start Peak	DOY=251	End times	SMM Pointing:	S16W46	Pitch=+545", Yaw=-501", Roll=-20deg	H. Ang=51deg
GOES HXRB BCS FCS UVSP	05:54:36 05:54 05:57 06:02	05:55:29 06:09	Peak...c/s=53 CaPeak.c/s=57 Wavelength=2788A	Qual=06 Qual=01 Qual=1	MaxkeV=144 FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	#Peaks=1 dt= 3.8s XEN=925104 Step=0" Cad=.26s 0.256s/pixel Step=0" Pitch=+426", Yaw=-325"
Event # = 11988 89/09/08,06:47 Start Peak	DOY=251	End times	SMM Pointing:	S16W47	Pitch=+547", Yaw=-511", Roll=-20deg	H. Ang=52deg
Optical			Ha...Class=SF	S23W34 Qual=01	Mac.=FKC	Carr. Lon.=77deg H. Ang=45deg
GOES HXRB BCS FCS UVSP	06:44 06:45:48 06:47 06:39	06:50 06:46:06 07:00	Importance=C5 Peak...c/s=256 CaPeak.c/s=54 Wavelength=2788A	Tot Cts=1997 FePeak=06:47 Exp #=95892	MaxkeV=188 FePeak.c/s=13 Rast=0"x0" Rast=180"x1"	Flags=SA #Peaks=1 dt= 3.8s XEN=925105 Step=0" Cad=.26s 0.256s/pixel Step=0" Pitch=+427", Yaw=-329"
Radio Sweeps	Type/Intensity:	III/3				
Radio Frequency (MHz)/Flux(sfu):		245/280	410/590	606/90		

Event # = 11989			SMM Pointing:			Pitch=+547", Yaw=-511", Roll=-20deg			H. Ang=52deg			
89/09/08,07:29	DOY=251	Peak	Ha...Class=SF			S16W47	Carr. Lon.=72deg			H. Ang=38deg		
Optical			Ha...Class=SF			S16W30	Carr. Lon.=343deg			H. Ang=58deg		
Optical			Importance=C6			N20E59						
GOES	07:25	07:29	Peak...c/s=77			Qual=03						
HXRBS	07:27:25	07:27:43	CaPeak.c/s=39			Qual=01						
BCS	07:28	07:29	Wavelength=2788A			Code=02						
FCS												
UVSP	07:33											
Event # = 23237			SMM Pointing:			Pitch=+555", Yaw=-552", Roll=-20deg			H. Ang=55deg			
89/09/08,11:25	DOY=251	Peak	Ha...Class=SF			S16W51	Carr. Lon.=72deg			H. Ang=38deg		
Optical			Ha...Class=SF			S16W30	Carr. Lon.=343deg			H. Ang=58deg		
GOES	11:25	11:27	Importance=C4			Qual=00						
HXRBS	13:30:32	13:30:46	Peak...c/s=33			Qual=01						
UVSP	13:25		Wavelength=1375A			Code=00						
Event # = 11994			SMM Pointing:			Pitch=+557", Yaw=-562", Roll=-20deg			H. Ang=56deg			
89/09/08,13:32	DOY=251	Peak	Ha...Class=SF			S21W42	Carr. Lon.=80deg			H. Ang=50deg		
Optical			Ha...Class=SF			Qual=00						
GOES	13:25	13:32	Importance=M1			Qual=01						
HXRBS	13:30:32	13:30:46	Peak...c/s=200			Code=00						
UVSP	13:25		Wavelength=1375A									
Event # = 11995			SMM Pointing:			Pitch=+560", Yaw=-574", Roll=-20deg			H. Ang=57deg			
89/09/08,14:34	DOY=251	Peak	Ha...Class=SF			N17E33	Carr. Lon.=4deg			H. Ang=34deg		
Optical			Ha...Class=SF			Qual=00						
GOES	14:34:08	14:34:15	Importance=C6			Qual=01						
HXRBS	16:20:37	16:20:49	Peak...c/s=46			Code=00						
UVSP	16:20		Wavelength=1375A									
Event # = 11996			SMM Pointing:			Pitch=+562", Yaw=-574", Roll=-20deg			H. Ang=57deg			
89/09/08,16:20	DOY=251	Peak	Ha...Class=SF			S16W52	Carr. Lon.=72deg			H. Ang=38deg		
Optical			Ha...Class=SF			S21W42	Carr. Lon.=80deg			H. Ang=50deg		
GOES	16:20:37	16:20:49	Importance=M1			Qual=00						
HXRBS	17:51:35	17:53:12	Peak...c/s=200			Qual=01						
UVSP	18:01		Wavelength=1375A			Code=00						
Event # = 11997			SMM Pointing:			Pitch=+558", Yaw=-507"			H. Ang=50deg			
89/09/08,18:03	DOY=251	Peak	Ha...Class=SF			S16W53	Carr. Lon.=4deg			H. Ang=34deg		
Optical			Ha...Class=SF			N17E33	Carr. Lon.=4deg			H. Ang=34deg		
GOES	17:52	18:03	Importance=M1			Qual=03						
HXRBS	17:51:35	17:53:12	Peak...c/s=200			Qual=01						
UVSP	18:01		Wavelength=1375A			Code=00						
Radio Sweeps			Type/Intensity:			245/180 410/97 606/80 1415/99 2695/87						
Radio Frequency(MHz)/Flux(sfu):												

Event # = 23228																			
89/09/08,20:35	DOY=251																		
Start	Peak																		
G0ES	20:34	20:35	21:18	CaPeak.c/s=201	Qual=00	FePeak=20:34	FePeak.c/s=12	#Peaks=2	dt= 3.8s	XEN=925108									
BCS					Qual= 5		Rast=0"x0"	Step=0"	Cad=.26s	0.256s/pixel									
FCS							Rast=265"x265"	Step=5"	Pitch=+570"	Yaw=-578"									
UVSP	20:38			Wavelength=1375A		Exp #=95967													
Event # = 23238																			
89/09/08,21:40	DOY=251																		
Start	Peak																		
Optical																			
Optical																			
Optical																			
G0ES	21:18	21:40	22:21	Ha...Class=IN	S18W48	AR5669	Mac.=FKC	Carr. Lon.=83deg		H. Ang=54deg									
BCS				Ha...Class=SF	N22W25	AR5672		Carr. Lon.=60deg		H. Ang=28deg									
FCS				Importance=M2	Qual=05														
UVSP	22:07	22:08	22:29	CaPeak.c/s=96	Qual= 5	FePeak=22:08	FePeak.c/s=8	#Peaks=1	dt= 3.8s	XEN=925109									
							Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel									
							Rast=30"x30"	Step=5"	Pitch=+622"	Yaw=-608"									
							Wavelength=1375A	Exp #=95975											
Event # = 12601																			
89/09/09,00:11	DOY=252																		
Start	Peak																		
G0ES	00:11:01	00:11:52	00:12:41	SMM Pointing:	S16W56			Pitch=+565"	Yaw=-606"	Roll=-20deg									
HXRBS								MaxkeV=188	Flags=I,ND										
UVSP	00:26			Peak...c/s=256	Qual=01	Tot Cts=12800	Rast=180"x1"	Step=0"	Pitch=+445"	Yaw=-424"									
				Wavelength=2788A		Exp #=95979													
Event # = 23239																			
89/09/09,02:02	DOY=252																		
Start	Peak																		
Optical																			
G0ES	01:41	02:02	02:12	Ha...Class=SF	S08E73	AR5689	Mac.=CAO	Carr. Lon.=319deg		H. Ang=74deg									
BCS					Qual=03														
FCS					Qual= 6														
UVSP	01:58			CaPeak.c/s=81		FePeak=02:02	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=925200									
				Peak3..c/s=16499			Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel									
				Wavelength=2788A		Exp #=95981	Rast=180"x1"	Step=0"	Pitch=+446"	Yaw=-432"									
Event # = 23240																			
89/09/09,03:00	DOY=252																		
Start	Peak																		
Optical																			
G0ES	03:00	03:00	03:09	Ha...Class=SF	N24W03	AR5682	Mac.=DSO	Carr. Lon.=35deg		H. Ang=17deg									
BCS					Qual=00														
FCS					Qual= 5														
UVSP	03:29			CaPeak.c/s=26		FePeak=03:00	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=925201									
				Peak3..c/s=6124			Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel									
				Wavelength=2788A		Exp #=95983	Rast=180"x1"	Step=0"	Pitch=+227"	Yaw=-584"									
Event # = 23241																			
89/09/09,04:44	DOY=252																		
Start	Peak																		
Optical																			
G0ES	04:37	04:44	05:04	Ha...Class=SF	S15W57	AR5669	Mac.=FKI	Carr. Lon.=88deg		H. Ang=61deg									
BCS					Qual=03														
FCS					Qual= 1														
UVSP	05:01			Importance=M1		FePeak=04:41	FePeak.c/s=166	#Peaks=1	dt= 3.8s	XEN=925202									
				CaPeak.c/s=598			Rast=420"x240"	Step=15"	Cad= 459s	1.024s/pixel									
				Wavelength=2788A		Exp #=95985	Rast=180"x1"	Step=0"	Pitch=+448"	Yaw=-446"									
						Event # = 23242	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=925203									
						Qual= 5	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel									
						FePeak=05:06													



Event # = 12001  
89/09/09, 11:12 DOY=252 Peak End times  
SMM Pointing: S16W63 Pitch=+573", Yaw=-658", Roll=-20deg H.Ang=66deg  
GOES 11:09 11:12 11:19 Importance=C5 Qual=03  
Peak...c/s=594 Qual=01  
HXRB 11:09:09 11:10:36 11:12:52 Wavelength=1375A Code=00 Tot Cts=31481 MaxkeV=232 Pitch=+552", Yaw=-626"  
UVSP 11:11 11:11 11:11 Frequency(MHz)/Flux(sfu): 245/200 1415/230 4995/84 Exp #=96000 Rast=10"x10" Step=0"

Event # = 23246  
89/09/09, 12:05 DOY=252 Peak End times  
GOES 12:02 12:05 12:21 CaPeak.c/s=31 FePeak.c/s=10 dt= 7.7s XEN=925208  
BCS 12:02 12:05 12:21 Wavelength=1375A Qual=00 Cad=1.02s 1.024s/pixel Step=0"  
UVSP 12:03 12:03 12:03 Ha...Class=SN AR5680 Carr.Lon.=355deg H.Ang=32deg  
SMM Pointing: S16W63 Pitch=+573", Yaw=-658", Roll=-20deg  
Optical M19E31 Mac.=EKI MaxkeV=102 dt= 7.7s XEN=925209  
GOES 12:45:56 12:47:11 12:48:16 Peak...c/s=123 Qual=01 FePeak.c/s=11 Cad=1.02s 1.024s/pixel Step=0"  
HXRB 12:45:56 12:47:11 12:48:16 CaPeak.c/s=38 Qual=2 Tot Cts=3108 MaxkeV=102 dt= 7.7s XEN=925209  
BCS 12:47:11 12:48:16 12:51 Wavelength=1375A III/2 Exp #=96002 Step=0" Cad=1.02s 1.024s/pixel  
UVSP 12:47:11 12:48:16 12:51 Ha...Class=SN AR5680 Carr.Lon.=355deg H.Ang=32deg  
Radio Frequency(MHz)/Flux(sfu): 410/3900 606/940 Exp #=96002 Step=5" Pitch=+577", Yaw=-620"

Event # = 12003  
89/09/09, 15:38 DOY=252 Peak End times  
SMM Pointing: S16W64 Pitch=+573", Yaw=-668", Roll=-20deg H.Ang=674deg  
Optical N18E26 Mac.=EKI MaxkeV=102 dt= 7.7s XEN=925209  
GOES 15:32 15:38 15:42 Importance=C9 Qual=03 FePeak.c/s=11 Cad=1.02s 1.024s/pixel Step=0"  
HXRB 15:33:21 15:34:16 15:37:33 Peak...c/s=452 Qual=01 Tot Cts=13705 MaxkeV=232 dt= 7.7s XEN=925209  
UVSP 15:34 15:34 15:34 Wavelength=1375A Code=00 Exp #=96018 Rast=10"x10" Step=0" Pitch=+618", Yaw=-564"  
Radio Frequency(MHz)/Flux(sfu): 245/900 410/5800 606/4000 1415/69 2695/38 4995/210 8800/110 15400/55 Exp #=96018 Step=5" Pitch=+577", Yaw=-620"

Event # = 12004  
89/09/09, 16:46 DOY=252 Peak End times  
SMM Pointing: N18E24 Pitch=+303", Yaw=+282", Roll=-20deg H.Ang=26deg  
GOES 16:46:15 16:46:24 16:46:54 Peak...c/s=80 Qual=01 Tot Cts=355 MaxkeV=102 dt= 7.7s XEN=925209  
HXRB 16:46:15 16:46:24 16:46:54 Wavelength=1375A Qual=01 Exp #=96022 Rast=70"x70" Step=5" Pitch=-263", Yaw=+222"  
UVSP 16:39 16:39 16:39 Ha...Class=SF AR5672 Carr.Lon.=62deg H.Ang=40deg  
SMM Pointing: N18E24 Mac.=EKI MaxkeV=102 dt= 7.7s XEN=925209  
GOES 16:52:29 16:52:38 16:52:50 Peak...c/s=36 Qual=01 Tot Cts=118 MaxkeV=102 dt= 7.7s XEN=925209  
HXRB 16:52:29 16:52:38 16:52:50 Wavelength=1375A Qual=01 Exp #=96022 Rast=70"x70" Step=5" Pitch=-263", Yaw=+222"  
UVSP 16:39 16:39 16:39 Ha...Class=SF AR5672 Carr.Lon.=62deg H.Ang=40deg  
Radio Type/Intensity: III/I1

Event # = 12006		SMM Pointing: N18E23		Pitch=-298", Yaw=+271", Roll=-20deg		H. Ang=25deg	
89/09/09, 18:12	DOY=252	Peak	End times				
Start							
GOES							
HXRBS	18:09:12	18:12:55	18:14:26	Qual=01	MaxkeV=102	Flags=M5	
UVSP	18:10			Qual=01	Rast=30"x30"	Step=5"	Pitch=-263", Yaw=+215"
Radio	Frequency (MHz)/Flux(sfu):		245/100 4995/50				
Event # = 12007		SMM Pointing: N18E23		Pitch=-298", Yaw=+271", Roll=-20deg		H. Ang=25deg	
89/09/09, 19:34	DOY=252	Peak	End times				
Start							
Optical							
GOES	19:25	19:34	20:06	Ha...Class=1F	Mac.=FKI	Carr. Lon.=90deg	H. Ang=70deg
HXRBS	19:33:09	19:33:29	19:41:31	Importance=X1	MaxkeV=144	Flags=I, SN	
BCS	19:58	20:03	20:15	Peak...c/s=699	FePeak.c/s=13	#Peaks=1	dt= 3.8s XEN=925210
FCS				CaPeak.c/s=83	Rast=0"x0"	Step=0"	Cad=.26s 0.256s/pixel
UVSP	19:39			Wavelength=2788A	Rast=243"x243"	Step=3"	Pitch=-286", Yaw=+272"
				Code=02	MaxkeV=102	Flags=I, DG	
HXRBS	19:43:50	19:44:42	19:46:05	Associated	MaxkeV=102	Flags=I, DG	
				Event # = 12602			
				Qual=11			
HXRBS	19:48:13	19:48:30	19:50:35	Associated	MaxkeV=102	Flags=I	
UVSP	19:46			Event # = 12603	Rast=39"x39"	Step=3"	Pitch=-231", Yaw=+208"
				Qual=01			
				Code=02	MaxkeV=102	Flags=I	
HXRBS	20:01:08	20:01:37	20:01:49	Associated	MaxkeV=102	Flags=I	
UVSP	19:46			Event # = 12604	Rast=39"x39"	Step=3"	Pitch=-231", Yaw=+208"
				Qual=01			
				Code=02			
Event # = 12605		SMM Pointing: N07W00		Pitch=+0", Yaw=+0", Roll=9deg		H. Ang=0deg	
89/09/09, 21:40	DOY=252	Peak	End times				
Start							
GOES							
HXRBS	21:40:01	21:40:08	21:40:29	Qual=00	MaxkeV=102	Flags=I	
UVSP	21:54			Qual=01	Rast=180"x1"	Step=0"	Pitch=+4", Yaw=+5"
				Code=02			
Event # = 23247		SMM Pointing: N20E21		Pitch=-274", Yaw=+213", Roll=-20deg		H. Ang=21deg	
89/09/10, 00:33	DOY=253	Peak	End times				
Start							
Optical							
GOES	00:12	00:33	00:40	Ha...Class=SF	Mac.=FKI	Carr. Lon.=359deg	H. Ang=24deg
BCS				Qual=00	FePeak.c/s=17	#Peaks=2	dt= 7.7s XEN=925300
FCS				Qual=1	Rast=180"x180"	Step=10"	Cad= 332s 1.024s/pixel
UVSP	00:59			Code=02	Rast=180"x1"	Step=0"	Pitch=-142", Yaw=+149"
Radio	Frequency (MHz)/Flux(sfu):		410/250 606/110 2695/35 4995/67 8800/41 15400/35				
Event # = 12008		SMM Pointing: N18E19		Pitch=-274", Yaw=+213", Roll=-20deg		H. Ang=21deg	
89/09/10, 01:40	DOY=253	Peak	End times				
Start							
Optical							
GOES	01:36	01:40	01:58	Ha...Class=1F	Mac.=DAI	Carr. Lon.=322deg	H. Ang=56deg
HXRBS	01:44:30	01:44:37	01:44:56	Importance=M1	MaxkeV=102	Flags=I, DG	
UVSP	01:35			Peak...c/s=51	Rast=180"x1"	Step=0"	Pitch=-140", Yaw=+144"
				Code=00			

Event # = 12009	DOY=253	SMM Pointing:	N18E19	Pitch=-274", Yaw=+213", Roll=-20deg	H. Ang=21deg
89/09/10, 02:30	Peak	End times			
Optical			AR5680	Mac.=FKI	Carr. Lon.=359deg
GOES	02:30	02:53		MaxkeV=188	#Peaks=2 dt= 3.8s XEN=925301
HXRBS	02:22:10	02:29:57		FePeak.c/s=60	Step=15" Cad= 459s 1.024s/pixel
BCS	02:01	02:37		Rast=420"x240"	Step=0" Pitch=-137", Yaw=+137"
FCS				Rast=180"x1"	
UVSP	02:31			Exp #=96041	
Radio Sweeps	Type/Intensity:				
Radio	Frequency(MHz)/Flux(sfu):	245/170 410/740 606/2000 1415/41 2695/29 4995/120 8800/210 15400/130			
Event # = 12010	DOY=253	SMM Pointing:	N18E17	Pitch=-264", Yaw=+190", Roll=-20deg	H. Ang=20deg
89/09/10, 04:55	Peak	End times			
Optical			AR5686	Mac.=CSO	Carr. Lon.=331deg
GOES	04:54:53	04:55:29		MaxkeV=232	Step=0" Pitch=-130", Yaw=+121"
HXRBS	04:39	04:56:02		Rast=180"x1"	
UVSP	04:39			Exp #=96044	
Radio Sweeps	Type/Intensity:				
Radio	Frequency(MHz)/Flux(sfu):	245/140			
Event # = 12011	DOY=253	SMM Pointing:	N18E17	Pitch=-264", Yaw=+190", Roll=-20deg	H. Ang=20deg
89/09/10, 05:04	Peak	End times			
Optical					
GOES	05:04:42	05:05:04		MaxkeV=144	Step=0" Pitch=-130", Yaw=+121"
HXRBS	05:04:42	05:05:04		Rast=180"x1"	
UVSP	04:39			Exp #=96044	
Radio Sweeps	Type/Intensity:				
Radio	Frequency(MHz)/Flux(sfu):	245/140			
Event # = 23248	DOY=253	SMM Pointing:	N27W02	Mac.=FAO	Carr. Lon.=19deg
89/09/10, 05:16	Peak	End times			
Optical			AR5676		
GOES	05:15	05:21		FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=925302
BCS	05:15	05:21		Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
FCS				Rast=180"x1"	Step=0" Pitch=-128", Yaw=+114"
UVSP	05:35			Exp #=96045	
Radio Sweeps	Type/Intensity:				
Radio	Frequency(MHz)/Flux(sfu):	245/140			
Event # = 12012	DOY=253	SMM Pointing:	N18E17	Pitch=-264", Yaw=+190", Roll=-20deg	H. Ang=20deg
89/09/10, 05:25	Peak	End times			
Optical					
GOES	05:26:22	05:27:07		MaxkeV=102	#Peaks=1 dt= 7.7s XEN=925303
HXRBS	05:23	05:29		FePeak.c/s=9	Step=0" Cad=1.02s 1.024s/pixel
BCS	05:23	05:29		Rast=0"x0"	Step=0" Pitch=-128", Yaw=+114"
FCS				Rast=180"x1"	
UVSP	05:35			Exp #=96045	
Radio Sweeps	Type/Intensity:				
Radio	Frequency(MHz)/Flux(sfu):	245/140			
Event # = 12013	DOY=253	SMM Pointing:	N18E17	Pitch=-264", Yaw=+190", Roll=-20deg	H. Ang=20deg
89/09/10, 05:45	Peak	End times			
Optical					
GOES	05:36	05:59		MaxkeV=232	Step=0" Pitch=-128", Yaw=+114"
HXRBS	05:37:03	05:39:34		Rast=180"x1"	
UVSP	05:35			Exp #=96045	
Radio Sweeps	Type/Intensity:				
Radio	Frequency(MHz)/Flux(sfu):	245/760 2695/31 4995/120 8800/150 15400/77			

Event # = 12014		D0Y=253		SMM Pointing:		N18E16		Pitch=-259", Yaw=+178", Roll=-20deg		H. Ang=19deg	
89/09/10,06:55	Start	06:55	Peak	Ha...Class=SF	AR5680	AR5680	AR5680	Mac.=FKI	Carr. Lon.=355deg	H. Ang=24deg	
GOES	06:51	06:59	06:59	Importance=C8				MaxkeV=232			
HXRBS	06:47:01	06:51:12	06:55:05	Peak...c/s=201				FePeak.c/s=44	#Peaks=1	dt= 3.8s	XEN=925304
BCS	06:50	06:54	07:00	CaPeak.c/s=168				Rast=420"x240"	Step=15"	Cad= 459s	1.024s/pixel
FCS								Rast=180"x1"	Step=0"	Pitch=-123"	Yaw=+102"
UVSP	07:07			Wavelength=2788A				Exp #=96047			
Radio Sweeps				Type/Intensity:							
Radio				Frequency(MHz)/Flux(sfu):	245/270	410/4100	606/3900	1415/31	2695/53	8800/210	15400/150
Event # = 12015		D0Y=253		SMM Pointing:		N18E16		Pitch=-255", Yaw=+167", Roll=-20deg		H. Ang=19deg	
89/09/10,07:56	Start	07:56	Peak	Ha...Class=SN	AR5669	AR5669	AR5669	Mac.=FKI	Carr. Lon.=98deg	H. Ang=85deg	
GOES	07:49:24	07:56:06	08:08:31	Peak...c/s=418				MaxkeV=275	Flags=M5,MD		
HXRBS	08:00			Wavelength=1375A				Rast=265"x265"	Step=5"	Pitch=-247"	Yaw=+178"
UVSP											
Event # = 12016		D0Y=253		SMM Pointing:		N18E13		Pitch=-240", Yaw=+131", Roll=-20deg		H. Ang=17deg	
89/09/10,13:01	Start	13:01	Peak	Ha...Class=IN	AR5680	AR5680	AR5680	Mac.=FKI	Carr. Lon.=360deg	H. Ang=17deg	
GOES	12:54	13:01	13:04	Importance=C9				MaxkeV=521	Flags=M5		
HXRBS	12:54:38	12:56:47	13:04:24	Peak...c/s=2239							
GRS	12:56:00	13:00:00	13:00:00								
BCS	12:56	13:00	13:09	CaPeak.c/s=409				FePeak.c/s=90	#Peaks=1	dt= 3.8s	XEN=925305
FCS								Rast=420"x240"	Step=15"	Cad= 459s	1.024s/pixel
UVSP	12:53			Wavelength=1375A				Rast=110"x200"	Step=5"	Pitch=-200"	Yaw=+108"
Radio				Frequency(MHz)/Flux(sfu):	245/440	410/7200	606/4800	1415/170	2695/150	8800/450	15400/360
Event # = 23249		D0Y=253		SMM Pointing:		N18E13		Pitch=-240", Yaw=+131", Roll=-20deg		H. Ang=17deg	
89/09/10,13:10	Start	13:10	Peak	Ha...Class=SF	AR5687	AR5687	AR5687	Mac.=FKI	Carr. Lon.=326deg	H. Ang=46deg	
GOES	13:10	13:12	13:12	Importance=C8				MaxkeV=521	Flags=M5		
BCS	13:10	13:10	13:12	CaPeak.c/s=18				FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=925306
FCS	13:07			Wavelength=1375A				Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel
UVSP								Rast=265"x265"	Step=5"	Pitch=-231"	Yaw=+138"
Event # = 23250		D0Y=253		SMM Pointing:		N19E46		Pitch=-240", Yaw=+131", Roll=-20deg		H. Ang=17deg	
89/09/10,14:07	Start	14:07	Peak	Ha...Class=SN	AR5687	AR5687	AR5687	Mac.=FKI	Carr. Lon.=98deg	H. Ang=85deg	
GOES	14:06	14:22	14:22	Importance=C9				MaxkeV=521	Flags=M5		
BCS	14:06	14:07	14:22	Peak...c/s=2239				FePeak.c/s=90	#Peaks=1	dt= 3.8s	XEN=925305
FCS	14:06	14:07	14:22	CaPeak.c/s=19				Rast=420"x240"	Step=15"	Cad= 459s	1.024s/pixel
UVSP	14:06			Wavelength=1375A				Rast=110"x200"	Step=5"	Pitch=-200"	Yaw=+108"
Event # = 23251		D0Y=253		SMM Pointing:		N18E13		Pitch=-240", Yaw=+131", Roll=-20deg		H. Ang=17deg	
89/09/10,14:51	Start	14:51	Peak	Ha...Class=SF	AR5687	AR5687	AR5687	Mac.=FKI	Carr. Lon.=326deg	H. Ang=46deg	
GOES	14:45	14:53	14:53	Importance=C8				MaxkeV=521	Flags=M5		
BCS	14:45	14:51	14:53	Peak...c/s=418				FePeak.c/s=13	#Peaks=1	dt= 3.8s	XEN=925308
FCS	14:48			Wavelength=2788A				Rast=420"x240"	Step=15"	Cad= 459s	1.024s/pixel
UVSP								Rast=180"x1"	Step=0"	Pitch=-99"	Yaw=+42"





Event # = 12019		89/09/10, 23:23		DOY=253	Peak	SMM Pointing:		M18E07		Pitch=-207", Yaw=+45", Roll=-20deg		H. Ang=13deg		
GOES	Start		End times		Qual=00		Peak...c/s=51		Tot Cts=1359		MaxkeV=102		H. Ang=13deg	
HXRBS	23:22:51		23:23:45		23:25:36		Wave length=1375A		Exp #=96127		Rast=30"x30"		Pitch=-143", Yaw=-45"	
UVSP	23:18		Frequency (MHz)/Flux(sfu):		8800/27						Step=5"			
Event # = 12020		89/09/10, 23:33		DOY=253	Peak	SMM Pointing:		M18E07		Pitch=-207", Yaw=+45", Roll=-20deg		H. Ang=13deg		
GOES	Start		End times		Qual=01		Importance=C9		Tot Cts=2020		MaxkeV=144		H. Ang=13deg	
HXRBS	23:27		23:33		23:39		Peak...c/s=96		FePeak=23:30		Rast=180"x180"		#Peaks=2 dt= 7.7s XEN=925313	
BCS	23:13		23:32		23:53		CaPeak.c/s=187		Exp #=96129		Rast=30"x30"		Cad= 332s 1.024s/pixel	
FCS	23:30		Frequency (MHz)/Flux(sfu):		245/880 410/390 606/240 1415/41 8800/23						Step=5"		Pitch=-142", Yaw=-47"	
UVSP	23:30													
Event # = 12021		89/09/10, 23:57		DOY=253	Peak	SMM Pointing:		M18E07		Pitch=-207", Yaw=+45", Roll=-20deg		H. Ang=13deg		
GOES	Start		End times		Qual=00		Peak...c/s=36		Tot Cts=173		MaxkeV=102		H. Ang=13deg	
HXRBS	23:57:28		23:57:44		23:57:58		Wave length=2788A		Exp #=96134		Rast=180"x1"		Pitch=-70", Yaw=-32"	
UVSP	00:00													
Event # = 23256		89/09/11, 01:01		DOY=254	Peak	Optical		N17W01		Carr. Lon.=7deg		H. Ang=10deg		
GOES	Start		End times		Qual=00		Ha...Class=SF		AR5683		Mac.=CA0		H. Ang=10deg	
BCS	01:01		01:04		01:04		CaPeak.c/s=23		FePeak=01:01		FePeak.c/s=7		#Peaks=1 dt= 7.7s XEN=925400	
FCS	00:35						Wave length=2788A		Exp #=96135		Rast=180"x1"		Cad=1.02s 1.024s/pixel	
UVSP	00:35												Step=0" Pitch=-69", Yaw=-37"	
Event # = 23257		89/09/11, 04:27		DOY=254	Peak	Optical		N17W04		Carr. Lon.=8deg		H. Ang=11deg		
GOES	Start		End times		Qual=00		Ha...Class=SF		AR5683		Mac.=CA0		H. Ang=11deg	
BCS	04:26		04:29		04:29		CaPeak.c/s=23		FePeak=04:26		FePeak.c/s=8		#Peaks=1 dt= 7.7s XEN=925401	
FCS	04:33						Wave length=2788A		Exp #=96140		Rast=180"x1"		Cad=1.02s 1.024s/pixel	
UVSP	04:33												Step=0" Pitch=-56", Yaw=-69"	
Event # = 23258		89/09/11, 10:25		DOY=254	Peak	Optical		N17W04		Carr. Lon.=8deg		H. Ang=11deg		
GOES	Start		End times		Qual=01		CaPeak.c/s=24		FePeak=10:24		FePeak.c/s=7		#Peaks=1 dt= 7.7s XEN=925402	
BCS	10:23		10:29		10:29		Wave length=1375A		Exp #=96158		Rast=180"x1"		Cad=1.02s 1.024s/pixel	
FCS	10:15												Step=0" Pitch=-169", Yaw=-19"	
UVSP	10:15													

Event # = 12022	DOY=254	End times	SMM Pointing:	N18E01	Pitch=-174", Yaw=-42", Roll=-20deg	H.Ang=11deg
89/09/11,10:37	Peak					
GOES			Qual=00			
HXRBS	10:36:53	10:37:13	Peak...c/s=63	Tot Cts=561	MaxkeV=144	
UVSP	10:30		Wavelength=1375A	Exp #=96160	Rast=10"x10"	Pitch=-168", Yaw=-11"
Event # = 12606	DOY=254	End times	SMM Pointing:	N18W00	Pitch=-170", Yaw=-54", Roll=-20deg	H.Ang=11deg
89/09/11,11:38	Peak					
GOES			Qual=06			
HXRBS	11:38:19	11:38:34	Peak...c/s=84	Tot Cts=638	MaxkeV=188	
UVSP	11:35		Wavelength=1375A	Exp #=96165	Rast=10"x10"	Pitch=-105", Yaw=-170"
Event # = 12607	DOY=254	End times	SMM Pointing:	N18W00	Pitch=-170", Yaw=-54", Roll=-20deg	H.Ang=11deg
89/09/11,11:45	Peak					
GOES			Qual=06			
HXRBS	11:44:48	11:45:51	Peak...c/s=107	Tot Cts=21805	MaxkeV=188	
UVSP	11:35		Wavelength=1375A	Exp #=96165	Rast=10"x10"	Pitch=-105", Yaw=-170"
Radio			Frequency(MHz)/Flux(sfu):			
			245/650 1415/66 2695/55			
Event # = 12608	DOY=254	End times	SMM Pointing:	N18W01	Pitch=-163", Yaw=-68", Roll=-20deg	H.Ang=11deg
89/09/11,13:49	Peak					
GOES			Qual=00			
HXRBS	13:40:00	13:40:35	Peak...c/s=46	Tot Cts=858	MaxkeV=102	
BCS	13:27	13:49	CaPeak.c/s=52	FePeak=13:48	FePeak.c/s=16	dt= 7.7s XEN=925403
FCS					Rast=180"x180"	Cad= 332s 1.024s/pixel
UVSP	13:46		Wavelength=2788A	Exp #=96172	Rast=180"x1"	Pitch=-29", Yaw=-144"
Event # = 23259	DOY=254	End times	Ha...Class=SF	N16W08	Mac.=CAO	H.Ang=12deg
89/09/11,13:49	Peak					
Optical				AR5683		
GOES			Qual=00			
BCS	13:27	13:49	CaPeak.c/s=52	FePeak=13:48	FePeak.c/s=16	dt= 7.7s XEN=925403
FCS					Rast=180"x180"	Cad= 332s 1.024s/pixel
UVSP	13:46		Wavelength=2788A	Exp #=96172	Rast=180"x1"	Pitch=-29", Yaw=-144"
Event # = 12023	DOY=254	End times	SMM Pointing:	N19E03	Pitch=-199", Yaw=-24", Roll=-20deg	H.Ang=12deg
89/09/11,14:29	Peak					
GOES			Qual=00			
HXRBS	14:29:10	14:29:25	Peak...c/s=56	Tot Cts=445	MaxkeV=102	
UVSP	14:23		Wavelength=2788A	Exp #=96173	Rast=180"x1"	Pitch=-65", Yaw=-93"
Radio			Type/Intensity:			
Radio			Frequency(MHz)/Flux(sfu):			
			410/98			

Event # = 12024		89/09/11,19:43		DOY=254		Peak		SMM Pointing:		N19W00		Pitch=-181",Yaw=-61",Roll=-20deg		H.Ang=12deg	
Optical								Ha...Class=2B		N19W02					
GOES	19:38	19:43	19:56	19:43	19:56	19:56	19:56	Importance=M6		Qual=03					
HXRBS	19:38:29	19:40:08	19:42:35	19:40:08	19:42:35	19:42:35	19:42:35	Peak...c/s=10760		Qual=03					
GRS	19:39:00	19:42:00	19:42:00	19:39:00	19:42:00	19:42:00	19:42:00	CaPeak.c/s=2785	Qual=2	FePeak=19:41					
BCS	19:40	19:41	19:43	19:40	19:41	19:43	19:43	Wavelength=1375A	Code=00	Exp #=96185					
FCS								IV/3							
UVSP	19:41							245/14000	410/960	606/1900	1415/510	2695/480	4995/550	8800/540	15400/380
Radio Sweeps															
Radio															
Event # = 12025		89/09/11,21:10		DOY=254		Peak		SMM Pointing:		N19W00		Pitch=-180",Yaw=-73",Roll=-20deg		H.Ang=12deg	
Optical								Ha...Class=SF		N17W13					
GOES	20:56	21:10	21:25	20:56	21:10	21:25	21:25	Importance=C9		Qual=03					
HXRBS	20:57:05	20:58:18	21:00:54	20:57:05	20:58:18	21:00:54	21:00:54	Peak...c/s=65		Qual=03					
UVSP	21:00							Wavelength=1375A	Code=00	Exp #=96192					
Radio															
Event # = 12026		89/09/11,22:42		DOY=254		Peak		SMM Pointing:		N19W01		Pitch=-176",Yaw=-87",Roll=-20deg		H.Ang=12deg	
GOES	22:42:41	22:42:52	22:42:57	22:42:41	22:42:52	22:42:57	22:42:57	Peak...c/s=59		Qual=00					
HXRBS	22:40							Wavelength=1375A		Qual=01					
UVSP								410/1200							
Radio															
Event # = 12027		89/09/11,22:47		DOY=254		Peak		SMM Pointing:		N19W01		Pitch=-176",Yaw=-87",Roll=-20deg		H.Ang=12deg	
GOES	22:47:19	22:47:24	22:47:49	22:47:19	22:47:24	22:47:49	22:47:49	Peak...c/s=58		Qual=00					
HXRBS	22:40							Wavelength=1375A		Qual=01					
UVSP								410/250							
Radio															
Event # = 12028		89/09/11,22:48		DOY=254		Peak		SMM Pointing:		N19W01		Pitch=-176",Yaw=-87",Roll=-20deg		H.Ang=12deg	
GOES	22:48:30	22:48:37	22:48:46	22:48:30	22:48:37	22:48:46	22:48:46	Peak...c/s=45		Qual=00					
HXRBS	22:40							Wavelength=1375A		Qual=01					
UVSP															
Radio															
Event # = 12029		89/09/11,23:50		DOY=254		Peak		SMM Pointing:		N19W02		Pitch=-172",Yaw=-98",Roll=-20deg		H.Ang=12deg	
Optical								Ha...Class=IM		S20W76					
GOES	23:41	23:50	00:18	23:41	23:50	00:18	00:18	Importance=M2		Qual=01					
HXRBS	23:41:33	23:45:56	23:55:02	23:41:33	23:45:56	23:55:02	23:55:02	Peak...c/s=1390		Qual=01					
UVSP	23:35							Wavelength=2788A	Code=00	Exp #=96206					
Radio								245/4600	410/63	2695/29	4995/160	8800/180	15400/39		

89/09/12		DOY=255	
Event # = 12030	89/09/12, 00:31	DOY=255	Peak
89/09/12, 00:31	Start	End times	
GOES	00:31:18	00:31:43	00:31:57
HXRBS	00:31:18	00:31:43	00:31:57
UVSP	00:29		
Radio Sweeps	Type/Intensity:		
Radio Frequency(MHz)/Flux(sfu):	245/200		
SMM Pointing:			
Peak...c/s=49			
Wavelength=2788A			
III/3 V/3			
MaxkeV=102			
Rast=180"x1"			
Tot Cts=440			
Exp #=96207			
Pitch=-172"			
Yaw=-98"			
Roll=-20deg			
H.Ang=12deg			
Step=0"			
Pitch=-35"			
Yaw=-175"			
Event # = 12031	89/09/12, 03:38	DOY=255	Peak
89/09/12, 03:38	Start	End times	
GOES	03:38:02	03:38:15	03:38:45
HXRBS	03:38:02	03:38:15	03:38:45
UVSP	03:34		
SMM Pointing:			
Peak...c/s=50			
Wavelength=2788A			
Qual=00			
Qual=01			
Tot Cts=336			
Exp #=96211			
Pitch=-164"			
Yaw=-125"			
Roll=-20deg			
H.Ang=12deg			
Step=0"			
Pitch=-26"			
Yaw=-200"			
Event # = 12032	89/09/12, 04:36	DOY=255	Peak
89/09/12, 04:36	Start	End times	
GOES	04:35:49	04:36:29	04:37:23
HXRBS	04:35:49	04:36:29	04:37:23
UVSP	04:11		
SMM Pointing:			
Peak...c/s=40			
Wavelength=2788A			
Qual=01			
Qual=01			
Tot Cts=524			
Exp #=96212			
Pitch=-158"			
Yaw=-135"			
Roll=-20deg			
H.Ang=13deg			
Step=0"			
Pitch=-25"			
Yaw=-205"			
Event # = 12033	89/09/12, 04:46	DOY=255	Peak
89/09/12, 04:46	Start	End times	
GOES	04:45:11	04:46:12	04:48:07
HXRBS	04:45:11	04:46:12	04:48:07
UVSP	05:05		
SMM Pointing:			
Peak...c/s=46			
Wavelength=2788A			
Qual=01			
Qual=01			
Tot Cts=1080			
Exp #=96213			
Pitch=-158"			
Yaw=-135"			
Roll=-20deg			
H.Ang=13deg			
Step=0"			
Pitch=-22"			
Yaw=-212"			
Event # = 12034	89/09/12, 05:19	DOY=255	Peak
89/09/12, 05:19	Start	End times	
Optical			
GOES	04:56	05:19	05:57
HXRBS	04:54:46	04:59:17	08:14:28
UVSP	05:05		
Radio Frequency(MHz)/Flux(sfu):	1415/56	2695/180	4995/89
8800/96	15400/30		
SMM Pointing:			
Ha...Class=SF			
Importance=M3			
Peak...c/s=1579			
Wavelength=2788A			
Code=00			
4995/89			
8800/96			
Mac.=FKI			
Carr.Lon.=70deg			
H.Ang=82deg			
AR5669			
Tot Cts=1.03E+6			
Exp #=96213			
Pitch=-22"			
Yaw=-212"			
Event # = 23260	89/09/12, 10:12	DOY=255	Peak
89/09/12, 10:12	Start	End times	
Optical			
GOES	10:05	10:12	10:47
BCS	10:26	10:27	10:38
FCS			
UVSP	10:31		
Wavelength=1375A			
Ha...Class=2N			
Importance=M7			
CaPeak.C/s=31			
FePeak.c/s=11			
Rast=240"x240"			
Step=15"			
Pitch=-133"			
Yaw=-173"			
Mac.=CRO			
Carr.Lon.=335deg			
H.Ang=16deg			
AR5686			
Tot Cts=10.27			
Exp #=96239			
Pitch=-101"			
Yaw=-307"			
Roll=-20deg			
H.Ang=20deg			
Step=5"			
Pitch=-31"			
Yaw=-303"			
Event # = 12035	89/09/13, 02:10	DOY=256	Peak
89/09/13, 02:10	Start	End times	
GOES	02:10:50	02:10:54	02:11:31
HXRBS	02:10:50	02:10:54	02:11:31
UVSP	02:05		
SMM Pointing:			
Peak...c/s=44			
Wavelength=1375A			
Qual=00			
Qual=01			
Tot Cts=182			
Exp #=96305			
MaxkeV=102			
Rast=30"x30"			
Step=5"			
Pitch=-31"			
Yaw=-303"			

Event # = 12036	DOY=256	Peak		SMM Pointing:	S21W21		Pitch=+395", Yaw=-381", Roll=8deg	H. Ang=35deg
89/09/13, 03:40	Start	End times						
Optical				Ha...Class=2N	N16E06		Mac.=CSO	Carr. Lon.=333deg
Optical				Ha...Class=IN	N21E12			Carr. Lon.=327deg
GOES	03:30	03:40	04:40	Importance=M4	Qual=03			Flags=M5
HXRBS	03:30:19	03:34:24	03:44:01	Peak...c/s=903	Qual=01			Step=0" Pitch=+372", Yaw=-398"
UVSP	03:39			WaveLength=1375A	Code=00			
Radio				245/3500	1415/180		2695/450	8800/150 15400/91
Frequency(MHz)/Flux(sfu)								
Event # = 12037	DOY=256	Peak		SMM Pointing:	S21W23		Pitch=+534", Yaw=-174", Roll=-20deg	H. Ang=36deg
89/09/13, 06:50	Start	End times						
GOES				Peak...c/s=38	Qual=06		MaxkeV=102	
HXRBS	06:50:29	06:50:43	06:50:56	WaveLength=2788A	Qual=01		Rast=180"x1"	Step=0" Pitch=+670", Yaw=+5"
UVSP	07:08							
Event # = 12038	DOY=256	Peak		SMM Pointing:	S21W24		Pitch=+537", Yaw=-186", Roll=-20deg	H. Ang=36deg
89/09/13, 08:37	Start	End times						
Optical				Ha...Class=SF	M26W42		Mac.=EAO	Carr. Lon.=18deg
GOES	08:28	08:37	08:53	Importance=M1	Qual=03			H. Ang=44deg
HXRBS	08:28:18	08:29:38	08:34:28	Peak...c/s=98	Qual=01		MaxkeV=102	
UVSP	08:41			WaveLength=2788A	Code=02		Rast=180"x1"	Step=0" Pitch=+673", Yaw=-7"
Event # = 12040	DOY=256	Peak		SMM Pointing:	S21W26		Pitch=+547", Yaw=-220", Roll=-20deg	H. Ang=38deg
89/09/13, 12:31	Start	End times						
GOES				Peak...c/s=90	Qual=01		MaxkeV=102	
HXRBS	12:30:40	12:31:07	12:32:06	WaveLength=2788A	Qual=01		Rast=180"x1"	Step=0" Pitch=+681", Yaw=-34"
UVSP	12:22							
HXRBS	12:28:47	12:29:34	12:29:59	Associated	Event # = 12039		MaxkeV=144	Flags=SN
				Qual=02	Tot Cts=686			
Event # = 12041	DOY=256	Peak		SMM Pointing:	S21W26		Pitch=+547", Yaw=-220", Roll=-20deg	H. Ang=38deg
89/09/13, 13:05	Start	End times						
GOES				Peak...c/s=39	Qual=00		MaxkeV=102	
HXRBS	13:05:13	13:05:33	13:05:44	WaveLength=2788A	Qual=01		Rast=180"x1"	Step=0" Pitch=+683", Yaw=-41"
UVSP	13:16							
Event # = 12042	DOY=257	Peak		SMM Pointing:	S21W36		Pitch=+583", Yaw=-348", Roll=-20deg	H. Ang=45deg
89/09/14, 07:07	Start	End times						
Optical				Ha...Class=IN	N15W39		Mac.=DKI	Carr. Lon.=2deg
GOES	06:58	07:07	07:38	Importance=M2	Qual=01			H. Ang=39deg
HXRBS	06:58:31	06:59:56	07:03:32	Peak...c/s=583	Qual=13		MaxkeV=420	Flags=E6,DG
UVSP	06:45			WaveLength=2788A	Code=01		Rast=180"x1"	Step=0" Pitch=+717", Yaw=-162"
Radio Sweeps				Type/Intensity:	III/2			
Radio				Frequency(MHz)/Flux(sfu)	245/92		1415/50	2695/62 4995/350 8800/980 15400/980

Event # = 12043	89/09/14, 10:02	DOY=257	Peak	SMM Pointing:	S21W37	Pitch=+587", Yaw=-363", Roll=-20deg	H. Ang=46deg
GOES	10:01:58	10:02:14	10:02:26	Peak...c/s=37	Qual=00	MaxkeV=102	
HXRBS	10:01:58	10:02:14	10:02:26	WaveLength=2788A	Qual=01	Rast=180"x1"	Pitch=+724", Yaw=-188"
UVSP	10:44				Exp #=96401	Step=0"	
Event # = 12044	89/09/14, 13:05	DOY=257	Peak	SMM Pointing:	S21W39	Pitch=+592", Yaw=-384", Roll=-20deg	H. Ang=48deg
GOES	13:04:45	13:05:05	13:05:12	Ha...Class=SF	N27E36	Mac. =AXX	
HXRBS	13:04:45	13:05:05	13:05:12	Peak...c/s=42	Qual=00	MaxkeV=102	
UVSP	12:53			WaveLength=2788A	Qual=01	Rast=180"x1"	Pitch=+727", Yaw=-202"
Event # = 12045	89/09/14, 17:41	DOY=257	Peak	SMM Pointing:	N21W42	Pitch=-37", Yaw=-649", Roll=-20deg	H. Ang=43deg
GOES	17:38	17:41	17:45	Importance=C4	Qual=01	MaxkeV=102	
HXRBS	17:38:25	17:38:34	17:39:17	Peak...c/s=59	Qual=01	Rast=265"x265"	Pitch=-30", Yaw=-636"
UVSP	17:41			WaveLength=1375A	Code=02	Step=5"	
Event # = 12046	89/09/15, 06:11	DOY=258	Peak	SMM Pointing:	N17W49	Pitch=+46", Yaw=-717", Roll=-20deg	H. Ang=49deg
GOES	06:11:21	06:11:30	06:11:55	Peak...c/s=40	Qual=06	MaxkeV=102	
HXRBS	05:43			WaveLength=2788A	Qual=01	Rast=180"x1"	Pitch=+180", Yaw=-530"
UVSP				245/190	Exp #=96476	Step=0"	
Radio				Frequency(MHz)/Flux(sfu):			
Event # = 12609	89/09/15, 12:18	DOY=258	Peak	SMM Pointing:	N17W52	Pitch=+52", Yaw=-751", Roll=-20deg	H. Ang=52deg
GOES	12:18:06	12:18:26	12:18:43	Ha...Class=SF	N27W44	Carr. Lon.=351deg	
HXRBS	11:51			Peak...c/s=36	Qual=00	MaxkeV=102	
UVSP				WaveLength=2788A	Qual=01	Rast=180"x1"	Pitch=+187", Yaw=-564"
Radio				Type/Intensity:		Step=0"	
Event # = 12610	89/09/15, 12:41	DOY=258	Peak	SMM Pointing:	N17W52	Pitch=+52", Yaw=-751", Roll=-20deg	H. Ang=52deg
GOES	12:37	12:41	12:47	Importance=C4	Qual=01	MaxkeV=102	
HXRBS	12:38:30	12:39:26	12:40:22	Peak...c/s=48	Qual=01	Rast=180"x1"	Pitch=+188", Yaw=-569"
UVSP	12:47			WaveLength=2788A	Code=02	Step=0"	
HXRBS	12:42:54	12:43:08	12:43:32	Peak...c/s=51	Qual=01	MaxkeV=144	Flags=I
Event # = 12047	89/09/15, 16:35	DOY=258	Peak	SMM Pointing:	N17W54	Pitch=+56", Yaw=-771", Roll=-20deg	H. Ang=54deg
GOES	16:35:36	16:35:42	16:35:57	Peak...c/s=62	Qual=01	MaxkeV=102	
HXRBS	16:24			WaveLength=2788A	Qual=01	Rast=180"x1"	Pitch=+191", Yaw=-588"
UVSP					Exp #=96490	Step=0"	

Event # = 23261  
 89/09/15, 20:58 DOY=258 Peak  
 Optical Start End times  
 GOES 20:53 20:58 21:12 N15W34 AR5686  
 BCS 21:07 21:07 21:10 Qual=05  
 FCS CaPeak.c/s=19 Qual= 5 FePeak=21:07  
 UVSP 21:11 Wavelength=1375A Exp #=96511  
 Carr. Lon.=337deg H. Ang=34deg  
 Mac.=DAO #Peaks=1 dt= 7.7s XEN=925800  
 FePeak.c/s=6 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 Rast=265"x265" Step=5" Pitch=+68", Yaw=-783"

Event # = 12072  
 89/09/15, 23:34 DOY=258 Peak  
 Optical Start End times  
 GOES 22:37 23:34 00:55 N17W58  
 HXRBS 22:45:17 22:49:19 22:51:26 N20W22 AR5687  
 BCS 22:40 23:19 23:26 Qual=02  
 FCS CaPeak.c/s=81 Qual=01 Tot Cts=1732  
 UVSP 23:20 Code=01 FePeak=23:15  
 Radio Sweeps Type/Intensity: II/1 IV/1 V/2 Exp #=96528  
 Wavelength=1375A  
 SMM Pointing: N17W58  
 Ha...Class=SF N17W58  
 Importance=C4  
 CaPeak.c/s=19  
 Wavelength=1375A  
 SMM Pointing: N17W58  
 Ha...Class=1F N20W22  
 Importance=M2  
 Peak...c/s=44  
 CaPeak.c/s=81  
 Wavelength=1375A  
 Code=01  
 II/1 IV/1 V/2

89/09/16 DOY=259  
 Event # = 12048  
 89/09/16, 00:57 DOY=259 Peak  
 Optical Start End times  
 GOES 00:54:09 00:55:03 00:55:28 N17W59  
 HXRBS 00:11 00:57 01:04 Qual=00  
 BCS CaPeak.c/s=60 Qual=01 Tot Cts=1318  
 FCS UVSP 00:53 Wavelength=1375A Exp #=96537  
 Carr. Lon.=332deg H. Ang=33deg  
 Mac.=DAI  
 MaxkeV=102  
 FePeak.c/s=11 #Peaks=2 dt= 7.7s XEN=925900  
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 Rast=30"x30" Step=5" Pitch=+87", Yaw=-887"

89/09/16 DOY=259  
 Event # = 23262  
 89/09/16, 01:48 DOY=259 Peak  
 Optical Start End times  
 GOES 01:47 01:48 01:58 N30W49 AR5637  
 BCS 01:47 01:48 01:58 Qual=00  
 FCS CaPeak.c/s=29 Qual= 1 FePeak=01:48  
 UVSP 01:47 Wavelength=1375A Exp #=96538  
 Carr. Lon.=349deg H. Ang=51deg  
 Mac.=DAO  
 FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=925901  
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 Rast=265"x265" Step=5" Pitch=+71", Yaw=-805"

89/09/16 DOY=259  
 Event # = 23263  
 89/09/16, 02:20 DOY=259 Peak  
 Optical Start End times  
 GOES 02:20 02:20 02:22 N29W52 AR5697  
 BCS 02:20 02:20 02:22 Qual=00  
 FCS CaPeak.c/s=18 Qual= 4 FePeak=02:20  
 UVSP 02:18 Wavelength=1375A Exp #=96544  
 Carr. Lon.=352deg H. Ang=53deg  
 Mac.=DAO  
 FePeak.c/s=6 #Peaks=1 dt= 7.7s XEN=925902  
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 Rast=10"x10" Step=0" Pitch=+73", Yaw=-903"



Event # = 23264																					
89/09/16, 07:54	Start	DOY=259	End times																		
Optical		Peak	08:00																		
GOES	07:50	07:54	08:00	Ha...Class=SF	N17W37	AR5686	Mac.=DAI	Carr..Lon.=334deg	H.Ang=37deg												
BGS	07:51	07:53	07:59	Importance=C3	Qual=04	FePeak=07:51	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=925903											
FCS				CaPeak.c/s=30	Qual= 5		Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel											
UVSP	07:43			Wave length=2788A	Code=00	Exp #=96553	Rast=180"x1"	Step=0"	Pitch=+201"	Yaw=-658"											
Event # = 12049																					
89/09/16, 08:37	Start	DOY=259	End times																		
GOES		Peak	08:37:36	SMM Pointing:	N17W63		Pitch=+66"	Yaw=-840"	Roll=-20deg	H.Ang=62deg											
HXRBS	08:37:22	08:37:29	08:37:36	Peak...c/s=57	Qual=03	Tot Cts=117	MaxkeV=102	Step=0"	Pitch=+201"	Yaw=-661"											
UVSP	08:37			Wave length=2788A	Qual=01	Exp #=96554	Rast=180"x1"	Step=0"													
Event # = 12050																					
89/09/16, 10:01	Start	DOY=259	End times																		
GOES		Peak	10:02:15	SMM Pointing:	N17W64		Pitch=+67"	Yaw=-850"	Roll=-20deg	H.Ang=63deg											
HXRBS	10:01:31	10:01:48	10:02:15	Peak...c/s=42	Qual=00	Tot Cts=257	MaxkeV=144	Step=0"	Pitch=+202"	Yaw=-667"											
UVSP	10:09			Wave length=2788A	Qual=01	Exp #=96556	Rast=180"x1"	Step=0"													
Event # = 12051																					
89/09/16, 11:35	Start	DOY=259	End times																		
GOES		Peak	11:35:11	SMM Pointing:	N17W64		Pitch=+67"	Yaw=-850"	Roll=-20deg	H.Ang=63deg											
HXRBS	11:34:10	11:35:02	11:35:11	Peak...c/s=172	Qual=00	Tot Cts=1351	MaxkeV=144	Step=0"	Pitch=+202"	Yaw=-673"											
UVSP	11:42			Wave length=2788A	Qual=01	Exp #=96558	Rast=180"x1"	Step=0"													
Event # = 12052																					
89/09/16, 13:12	Start	DOY=259	End times																		
GOES		Peak	13:15:13	SMM Pointing:	N17W66		Pitch=+69"	Yaw=-861"	Roll=-20deg	H.Ang=65deg											
HXRBS	13:11:19	13:12:53	13:15:13	Peak...c/s=48	Qual=00	Tot Cts=1516	MaxkeV=102	Step=0"	Pitch=+203"	Yaw=-679"											
UVSP	13:13			Wave length=2788A	Qual=01	Exp #=96560	Rast=180"x1"	Step=0"													
Event # = 12053																					
89/09/16, 13:18	Start	DOY=259	End times																		
GOES		Peak	13:18:20	SMM Pointing:	N17W66		Pitch=+69"	Yaw=-861"	Roll=-20deg	H.Ang=65deg											
HXRBS	13:17:58	13:18:11	13:18:20	Peak...c/s=42	Qual=00	Tot Cts=127	MaxkeV=102	Step=0"	Pitch=+203"	Yaw=-679"											
UVSP	13:13			Wave length=2788A	Qual=01	Exp #=96560	Rast=180"x1"	Step=0"													
Event # = 12612																					
89/09/16, 14:06	Start	DOY=259	End times																		
GOES		Peak	14:06:57	SMM Pointing:	N26E07		Pitch=-327"	Yaw=-6"	Roll=-20deg	H.Ang=20deg											
HXRBS	14:06:28	14:06:36	14:06:57	Peak...c/s=49	Qual=06	Tot Cts=332	MaxkeV=102	Step=0"	Pitch=-193"	Yaw=+185"											
UVSP	13:50			Wave length=2788A	Qual=01	Exp #=96561	Rast=180"x1"	Step=0"													

Event # = 12613														
89/09/16,15:33	DOY=259	End times	SMM Pointing:	N26E06					Pitch=-322", Yaw=-18", Roll=-20deg	H.Ang=20deg				
Optical	Peak		Ha...Class=SF	N17W35	AR5687				Mac.=EAI	Carr.Lon.=327deg	H.Ang=36deg			
GOES			Peak...c/s=61	Qual=00					MaxkeV=102	Flags=I				
HXRBS	15:33:17	15:33:36	Wavelength=2788A	Qual=01	Tot Cts=449				Rast=180"x1"	Step=0"	Pitch=-189", Yaw=+168"			
UVSP	15:22				Exp #=96563									
Event # = 12054														
89/09/16,18:52	DOY=259	End times	SMM Pointing:	N26E05					Pitch=-314", Yaw=-41", Roll=-20deg	H.Ang=19deg				
Optical	Peak		Ha...Class=SF	N17W38	AR5686				Mac.=DAI	Carr.Lon.=329deg	H.Ang=38deg			
GOES	18:49	18:52	Importance=C3	Qual=01					MaxkeV=188					
HXRBS	18:50:23	18:50:38	Peak...c/s=310	Qual=01	Tot Cts=1793				Rast=30"x30"	Step=5"	Pitch=-363", Yaw=+8"			
UVSP	18:52		Wavelength=1375A	Code=02	Exp #=96579									
Event # = 12056														
89/09/16,21:51	DOY=259	End times	SMM Pointing:	N26E03					Pitch=-305", Yaw=-64", Roll=-20deg	H.Ang=19deg				
GOES	Start			Qual=00					MaxkeV=188					
HXRBS	21:51:24	21:51:45	Peak...c/s=50	Qual=01	Tot Cts=440				Rast=30"x30"	Step=5"	Pitch=-336", Yaw=-39"			
UVSP	21:45		Wavelength=1375A		Exp #=96595									
89/09/17 DOY=260														
Event # = 12055														
89/09/17,01:42	DOY=260	End times	SMM Pointing:	N26E01					Pitch=-297", Yaw=-87", Roll=-20deg	H.Ang=19deg				
GOES	Start			Qual=02					MaxkeV=102					
HXRBS	01:08	01:42	Importance=C4	Qual=01	Tot Cts=375				Rast=10"x10"	Step=0"	Pitch=-305", Yaw=-82"			
UVSP	01:10:24	01:11:05	Peak...c/s=48	Code=01	Exp #=96619									
	01:28		Wavelength=1375A											
Event # = 8559														
89/09/17,14:10	DOY=260	End times	SMM Pointing:	N26W05					Pitch=-263", Yaw=-180", Roll=-20deg	H.Ang=19deg				
GOES	Start			Qual=01					MaxkeV=188	Flags=NS,GB				
HXRBS	14:10:18	14:10:20	Peak...c/s=29	Qual=01	Tot Cts=82				Rast=180"x1"	Step=0"	Pitch=-126", Yaw=-5"			
UVSP	14:19		Wavelength=2788A		Exp #=96636									
89/09/18 DOY=261														
Event # = 12057														
89/09/18,00:12	DOY=261	End times	SMM Pointing:	N26W11					Pitch=-236", Yaw=-260", Roll=-20deg	H.Ang=22deg				
GOES	Start			Qual=01					MaxkeV=232					
HXRBS	00:11:35	00:12:02	Peak...c/s=90	Qual=01	Tot Cts=444				Rast=30"x30"	Step=5"	Pitch=-280", Yaw=-193"			
UVSP	00:09		Wavelength=1375A		Exp #=96683									
Radio			Frequency(MHz)/Flux(sfu):	410/93										
Event # = 12614														
89/09/18,02:49	DOY=261	End times	SMM Pointing:	N26W13					Pitch=-229", Yaw=-283", Roll=-20deg	H.Ang=22deg				
GOES	Start			Qual=00					MaxkeV=102	Flags=I				
HXRBS	02:49:37	02:49:47	Peak...c/s=66	Qual=01	Tot Cts=530				Rast=265"x265"	Step=5"	Pitch=-221", Yaw=-270"			
UVSP	02:46		Wavelength=1375A		Exp #=96695									



Event # = 12062		DOY=262		SMM Pointing:		N26W27		Pitch=-170", Yaw=-471", Roll=-20deg		H.Ang=32deg	
89/09/19, 05:29	Start	End times	Peak	Ha...Class=1F	Importance=C6	Qual=03	AR5698	Mac.=EKI	Carr. Lon.=222deg	H.Ang=49deg	
GOES	05:24	05:35	05:29	Peak...c/s=75	Wave length=2788A	Code=02	Tot Cts=2194	MaxkeV=102	Flags=0G	Pitch=-34", Yaw=-291"	
HXRBS	05:25:10	05:27:34	05:28:02	Wave length=2788A	Code=02	Exp #=96773					
UVSP	05:31	Type/Intensity:									
Radio Sweeps	III/1										
Radio Frequency(MHz)/Flux(sfu):	8800/61 15400/78										
Event # = 12063		DOY=262		SMM Pointing:		N26W28		Pitch=-164", Yaw=-492", Roll=-20deg		H.Ang=33deg	
89/09/19, 07:51	Start	End times	Peak	Ha...Class=1F	Importance=C6	Qual=03	AR5698	Mac.=EKI	Carr. Lon.=222deg	H.Ang=49deg	
GOES	07:50:56	07:51:03	07:51:33	Peak...c/s=68	Wave length=2788A	Code=02	Tot Cts=316	MaxkeV=102	Flags=0G	Pitch=-30", Yaw=-306"	
HXRBS	07:50:56	07:51:03	07:51:33	Wave length=2788A	Code=02	Exp #=96776					
UVSP	07:39	Type/Intensity:									
Radio Sweeps	III/1										
Radio Frequency(MHz)/Flux(sfu):	15400/750										
Event # = 12065		DOY=262		SMM Pointing:		N26W28		Pitch=-164", Yaw=-492", Roll=-20deg		H.Ang=33deg	
89/09/19, 08:18	Start	End times	Peak	Ha...Class=1F	Importance=C6	Qual=03	AR5698	Mac.=EKI	Carr. Lon.=222deg	H.Ang=49deg	
GOES	08:14	08:22	08:18	Peak...c/s=41	Wave length=2788A	Code=02	Tot Cts=408	MaxkeV=102	Flags=0G	Pitch=-28", Yaw=-312"	
HXRBS	08:15:06	08:15:31	08:16:07	Wave length=2788A	Code=02	Exp #=96777					
UVSP	08:33	Type/Intensity:									
Radio Sweeps	Associated										
Radio Frequency(MHz)/Flux(sfu):	12064										
Event # = 12067		DOY=262		SMM Pointing:		N26W29		Pitch=-160", Yaw=-502", Roll=-20deg		H.Ang=33deg	
89/09/19, 09:42	Start	End times	Peak	Ha...Class=1F	Importance=C6	Qual=03	AR5698	Mac.=EKI	Carr. Lon.=222deg	H.Ang=49deg	
GOES	09:39	09:44	09:42	Peak...c/s=234	Wave length=2788A	Code=02	Tot Cts=3872	MaxkeV=188	Flags=0G	Pitch=-25", Yaw=-323"	
HXRBS	09:39:58	09:40:20	09:41:19	Wave length=2788A	Code=02	Exp #=96779					
UVSP	10:06	Type/Intensity:									
Radio Sweeps	V/3										
Radio Frequency(MHz)/Flux(sfu):	245/350 410/220 606/41 2695/42 4995/52										
Event # = 12068		DOY=262		SMM Pointing:		N26W29		Pitch=-160", Yaw=-502", Roll=-20deg		H.Ang=33deg	
89/09/19, 10:03	Start	End times	Peak	Ha...Class=SN	Importance=M1	Qual=01	AR5698	Mac.=EKI	Carr. Lon.=220deg	H.Ang=51deg	
GOES	09:51	10:09	10:03	Peak...c/s=197	Wave length=2788A	Code=02	Tot Cts=17416	MaxkeV=144	Flags=0G	Pitch=-25", Yaw=-323"	
HXRBS	09:52:34	09:54:17	10:05:38	Wave length=2788A	Code=02	Exp #=96779					
UVSP	10:06	Type/Intensity:									
Radio Sweeps	8800/71 15400/73										
Radio Frequency(MHz)/Flux(sfu):	2695/59 4995/41 8800/71 15400/73										
Event # = 23266		DOY=262		Importance=C6		Qual=05		FePeak=10:55		#Peaks=1	
89/09/19, 10:45	Start	End times	Peak	CaPeak.c/s=31	Code=00	Exp #=96780					
GOES	10:38	11:00	10:45	Wave length=2788A	Code=00	Exp #=96780					
BCS	10:55	11:00	10:56	Wave length=2788A	Code=00	Exp #=96780					
FCS	10:55	11:00	10:56	Wave length=2788A	Code=00	Exp #=96780					
UVSP	10:43	Type/Intensity:									
Radio Sweeps	dt= 7.7s XEM=926201										
Radio Frequency(MHz)/Flux(sfu):	Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel										

Event # = 12069  
89/09/19,12:32 DOY=262 Peak      SMM Pointing:      N26W31      Pitch=-154", Yaw=-523", Roll=-20deg      H.Ang=35deg  
Start      End times  
GOES 12:21      12:36      Importance=C4      Qual=01  
HXRBS 12:30:33      12:32:07      Peak...c/s=44      Qual=01      Tot Cts=362  
UVSP 12:15      Type/Intensity:      WaveLength=2788A      Code=00      Exp #=96782  
Radio Sweeps      V/3      FePeak=14:02      Exp #=96784

Event # = 23267  
89/09/19,14:03 DOY=262 Peak      SMM Pointing:      S26E34      Carr. Lon. =281deg      H.Ang=47deg  
Start      End times  
GOES 14:02      14:08      CaPeak.c/s=25      Qual=00      AR5694  
BCS      15:35      15:40      Ha...Class=SN      N28W28      #Peaks=1      dt= 7.7s      XEN=926202  
UVSP 13:46      15:32      15:35      Peak...c/s=79      Qual=01      Step=10"      Cad= 332s      1.024s/pixel  
15:32      15:32      CaPeak.c/s=44      Qual= 4      Step=0"      Pitch=+437", Yaw=+822"  
Wavelength=2788A      WaveLength=2788A      FePeak.c/s=9      Rast=180"x180"      Step=0"      Pitch=+437", Yaw=+822"

Event # = 12070  
89/09/19,15:35 DOY=262 Peak      SMM Pointing:      S26E34      Mac. =EAO      Carr. Lon. =281deg      H.Ang=34deg  
Start      End times  
Optical      AR5694  
GOES 15:29      15:35      15:40      Ha...Class=SN      N28W28      #Peaks=1      dt= 3.8s      XEN=926203  
HXRBS 15:31:00      15:32:00      Peak...c/s=79      Qual=01      Tot Cts=451  
BCS      15:32      15:35      CaPeak.c/s=44      Qual= 4      FePeak=15:32  
FCS      15:32      15:35      WaveLength=2788A      Code=00      Exp #=96786  
UVSP 15:18      Frequency(MHz)/Flux(sfu):      245/57

Event # = 12071  
89/09/19,16:14 DOY=262 Peak      SMM Pointing:      S26E34      Pitch=+307", Yaw=+626", Roll=-20deg      H.Ang=47deg  
Start      End times  
GOES 16:05      16:14      16:28      Importance=M4      Qual=05  
HXRBS 16:20:06      16:20:10      Peak...c/s=72      Qual=02      Tot Cts=289  
BCS      16:20      16:22      CaPeak.c/s=24      Qual= 6      FePeak=16:20  
FCS      16:20      16:22      WaveLength=2788A      Code=00      Exp #=96787  
UVSP 16:13      Frequency(MHz)/Flux(sfu):      4995/160 8800/160

Event # = 23268  
89/09/19,17:01 DOY=262 Peak      SMM Pointing:      S26E34      MaxkeV=144      #Peaks=1      dt= 7.7s      XEN=926204  
Start      End times      Flags-SA      #Peaks=1      dt= 7.7s      XEN=926205  
GOES 16:58      17:01      17:23      CaPeak.c/s=51      Qual=00      Step=15"      Cad= 262s      1.024s/pixel  
BCS      16:58      17:01      17:23      FePeak=17:01      Rast=240"x240"      Step=3"      Pitch=+319", Yaw=+629"  
FCS      17:06      Wavelength=2788A      FePeak.c/s=7      Rast=243"x243"      Step=0"      Pitch=+319", Yaw=+629"  
UVSP 17:06      WaveLength=2788A      Rast=243"x243"      Exp #=96789

Event # = 23269  
89/09/19,21:56 DOY=262 Peak      SMM Pointing:      S26E34      Carr. Lon. =281deg      H.Ang=34deg  
Start      End times  
GOES 21:56      21:59      21:59      CaPeak.c/s=31      Qual=00      AR5694      #Peaks=1      dt= 7.7s      XEN=926206  
BCS      21:56      21:59      21:59      Peak...c/s=79      Qual=01      Tot Cts=451      Step=15"      Cad= 262s      1.024s/pixel  
FCS      21:52      21:55      CaPeak.c/s=44      Qual= 4      FePeak=21:56      Step=0"      Pitch=+375", Yaw=+528"  
UVSP 21:52      Wavelength=1375A      WaveLength=1375A      FePeak.c/s=9      Rast=240"x30"      Step=5"      Pitch=+375", Yaw=+528"



Event # = 12079									
89/09/20,19:02	DOY=263	SMM Pointing: S26E19	Pitch=+386", Yaw=+446", Roll=-20deg	H. Ang=38deg					
	Start								
GOES	18:59:31	18:59:39	18:59:57	19:04					
HXRBS									
BCS	19:00	19:02	19:04						
FCS									
UVSP	19:02								
Event # = 23271									
89/09/20,22:03	DOY=263	SMM Pointing: S26E19	Pitch=+386", Yaw=+446", Roll=-20deg	H. Ang=38deg					
	Start								
GOES	21:57	22:03	22:07						
BCS	22:04	22:04	22:07						
FCS									
UVSP	22:07								
Event # = 12080									
89/09/21,00:15	DOY=264	SMM Pointing: S26E18	Pitch=+396", Yaw=+424", Roll=-20deg	H. Ang=37deg					
	Start								
Optical									
GOES	00:10	00:15	00:23						
HXRBS	00:11:44	00:11:58	00:12:43						
UVSP	00:15								
Event # = 12081									
89/09/21,01:32	DOY=264	SMM Pointing: S26E18	Pitch=+396", Yaw=+424", Roll=-20deg	H. Ang=37deg					
	Start								
Optical									
GOES	01:27	01:32	01:37						
HXRBS	01:27:33	01:27:52	01:29:47						
UVSP	01:25								
Radio Sweeps									
Radio									
Event # = 23272									
89/09/21,02:40	DOY=264	SMM Pointing: S27E13	Pitch=+396", Yaw=+424", Roll=-20deg	H. Ang=37deg					
	Start								
Optical									
GOES	02:40	02:40	02:42						
BCS	02:40	02:40	02:42						
FCS									
UVSP	02:42								
Event # = 12082									
89/09/21,03:07	DOY=264	SMM Pointing: S26E15	Pitch=+409", Yaw=+389", Roll=-20deg	H. Ang=36deg					
	Start								
Optical									
GOES	02:57	03:07	03:21						
HXRBS	02:57:40	02:58:21	03:12:08						
BCS	03:00	03:01	03:23						
FCS									
UVSP	02:58								
Radio									

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----- Associated Event # = 23273 -----
BCS 03:23 03:23 03:33 CaPeak.c/s=92 Qual= 5 FePeak=03:23 dt= 7.7s XEN=926402
FCS                                     Wavelength=1375A Exp #=96924 Rast=180"x180" Cad= 332s XEN=926402
UVSP 03:13                                     Rast=10"x10" Pitch=0" Step=10" Step=10" Step=10" Step=10" Step=10"
-----
Event # = 23274
89/09/21,13:05 DOY=264
Optical Start End times
GOES 12:58 13:05 13:16 Ha...Class=SN S27E06 AR5698 Mac.=EKC Carr. Lon.=222deg H. Ang=35deg
BCS 13:21 13:21 13:23 Importance=M2 Qual=05 FePeak=13:21 FePeak.c/s=8 dt= 7.7s XEN=926403
FCS CaPeak.c/s=19 Qual= 5 CaPeak.c/s=19 Qual=01 Tot Cts=49157 FePeak=15" Cad= 262s XEN=926403
UVSP 13:13 Wavelength=2788A Code=02 Exp #=96939 Rast=240"x240" Pitch=0" Step=15" Cad= 262s XEN=926403
-----
Event # = 23275
89/09/21,14:50 DOY=264
GOES 14:45 14:50 14:55 Importance=C2 Qual=05 FePeak=14:55 dt= 3.8s XEN=926404
FCS CaPeak.c/s=40 Qual= 5 CaPeak.c/s=40 Qual=01 Tot Cts=49157 FePeak=15" Cad= 3840s XEN=926404
UVSP 14:44 Wavelength=2788A Code=00 Exp #=96941 Rast=180"x1" Pitch=0" Step=0" Step=0" Step=0" Step=0"
-----
Event # = 12083
89/09/21,19:39 DOY=264
Optical SMM Pointing: S26E04 Pitch=+469",Yaw=+236",Roll=-20deg H. Ang=33deg
GOES 19:25 19:39 19:58 Ha...Class=1F S27E03 AR5698 Mac.=EKC Carr. Lon.=221deg H. Ang=34deg
HXRBS 19:26:41 19:36:58 19:43:14 Importance=M2 Qual=03 FePeak=19:37 MaxkeV=232
BCS 19:29 19:38 20:02 CaPeak.c/s=1056 Qual= 1 FePeak=19:37 FePeak.c/s=257 dt= 7.7s XEN=926405
FCS Wave length=1375A Code=00 Exp #=96950 Rast=180"x180" Cad= 332s XEN=926405
UVSP 19:34 Type/Intensity: V/3 Wave length=1375A Code=00 Exp #=96952 Rast=20"x30" Pitch=+518",Yaw=+216"
Radio Sweeps Radio Frequency(MHz)/Flux(sfu): 245/880 410/170 606/180 1415/81 2695/80 4995/170 8800/190 15400/140
HXRBS 19:58:20 19:58:27 19:58:45 Peak...c/s=53 Associated Event # = 12084 MaxkeV=102
UVSP 19:52 Wavelength=1375A Qual=01 Tot Cts=18073 Rast=30"x30" Pitch=+514",Yaw=+234"
-----
Event # = 12085
89/09/22,02:18 DOY=265
Optical SMM Pointing: S26E01 Pitch=+485",Yaw=+190",Roll=-20deg H. Ang=33deg
GOES 02:17:34 02:18:09 02:18:49 Ha...Class=SF S25W00 AR5698 Mac.=EKC Carr. Lon.=220deg H. Ang=32deg
HXRBS 01:41 Peak...c/s=34 Qual=01 Tot Cts=173 MaxkeV=102
UVSP 01:41 Wavelength=1375A Exp #=96962 Rast=70"x70" Pitch=+505",Yaw=+175"
-----
Event # = 23276
89/09/22,03:13 DOY=265
GOES Start End times
BCS 03:13 03:16 03:16 CaPeak.c/s=21 Qual=00 FePeak=03:13 dt= 7.7s XEN=926500
FCS Wavelength=1375A Qual= 4 FePeak=03:13 Rast=180"x180" Cad= 332s XEN=926500
UVSP 03:10 Wavelength=1375A Exp #=96963 Rast=265"x265" Pitch=+520",Yaw=-78"

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Event # = 12079	DOY=263	SMM Pointing:	S26E19	Pitch=+386", Yaw=+446", Roll=-20deg	H. Ang=38deg
89/09/20, 19:02	Peak				
Start	End times				
GOES		Qual=00			
HXRBS	18:59:31	18:59:39	Tot Cts=484	dt= 3.8s	XEN=926302
BCS	19:00	19:02	FePeak=19:02	FePeak.c/s=10	XEN=926302
FCS			CaPeak.c/s=50	Cad= 262s	1.024s/pixel
UVSP	19:02		WaveLength=1375A	Pitch=+393", Yaw=+458"	
			Exp #=96880		
Event # = 23271	DOY=263				
89/09/20, 22:03	Peak				
Start	End times				
GOES		Qual=05			
HXRBS	21:57	22:03	FePeak=22:04	dt= 3.8s	XEN=926303
BCS	22:04	22:04	CaPeak.c/s=41	Cad= 332s	1.024s/pixel
FCS			WaveLength=2788A	Pitch=+402", Yaw=+437"	
UVSP	22:07		Code=02	Step=3	
			Exp #=96898		
Event # = 12080	DOY=264	SMM Pointing:	S26E18	Pitch=+396", Yaw=+424", Roll=-20deg	H. Ang=37deg
89/09/21, 00:15	Peak				
Start	End times				
Optical		Ha...Class=SF	AR5698		
GOES	00:10	00:15	00:23	Mac.=EKC	H. Ang=36deg
HXRBS	00:11:44	00:11:58	00:12:43	Carr. Lon.=222deg	
UVSP	00:15			MaxkeV=102	
				Rast=30"x30"	Pitch=+376", Yaw=+354"
Event # = 12081	DOY=264	SMM Pointing:	S26E18	Pitch=+396", Yaw=+424", Roll=-20deg	H. Ang=37deg
89/09/21, 01:32	Peak				
Start	End times				
Optical		Ha...Class=SF	AR5698		
GOES	01:27	01:32	01:37	Mac.=EKC	H. Ang=37deg
HXRBS	01:27:33	01:27:52	01:29:47	Carr. Lon.=221deg	
UVSP	01:25			MaxkeV=188	
Radio Sweeps		Type/Intensity:		Step=5"	Pitch=+434", Yaw=+356"
Frequency (MHz)/Flux(sfu):	245/680	410/9300	606/630	2695/51	4995/71
				8800/89	15400/58
Event # = 23272	DOY=264	SMM Pointing:	S27E13	Pitch=+409", Yaw=+389", Roll=-20deg	H. Ang=36deg
89/09/21, 02:40	Peak				
Start	End times				
Optical		Ha...Class=SF	AR5698		
GOES	02:40	02:40	02:42	Mac.=EKC	H. Ang=36deg
BCS	02:40	02:40	02:42	Carr. Lon.=220deg	
FCS				FePeak.c/s=6	dt= 7.7s
UVSP	02:42			Rast=240"x240"	XEN=926400
				CaPeak.c/s=21	1.024s/pixel
				WaveLength=1375A	Pitch=+416", Yaw=+404"
				Exp #=96918	
Event # = 12082	DOY=264	SMM Pointing:	S26E15	Pitch=+409", Yaw=+389", Roll=-20deg	H. Ang=36deg
89/09/21, 03:07	Peak				
Start	End times				
Optical		Ha...Class=1N	AR5698		
GOES	02:57	03:07	03:21	Mac.=EKC	H. Ang=36deg
HXRBS	02:57:40	03:01	03:12:08	Carr. Lon.=222deg	
BCS	03:00	03:01	03:23	MaxkeV=322	Flags=M5
FCS	03:03	03:03		FePeak.c/s=721	#Peaks=1
UVSP	02:58			Rast=180"x180"	dt= 3.8s
Radio		Frequency (MHz)/Flux(sfu):	245/90	410/420	XEN=926401
			606/72	2695/120	1.024s/pixel
			8800/240	15400/360	Pitch=+449", Yaw=+345"

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BCS 03:23 03:23 03:33 CaPeak.c/s=92 Associated Event # = 23273 dt= 7.7s XEN=926402
FCS 03:13 03:23 03:33 Wavelength=1375A Qual= 5 FePeak=03:23 Step=10" Cad= 332s 1.024s/pixel
UVSP 03:13 03:23 03:33 Wave length=1375A Exp #=96924 Step=0" Pitch=+469",Yaw=+333"
-----
Event # = 23274
89/09/21,13:05 DOY=264 Carr. Lon.=222deg H. Ang=35deg
Optical S27E06 AR5698 Mac.=EKC
GOES 12:58 13:05 13:16 13:16 13:23 Ha...Class=SM S27E06 Qual=05 FePeak.c/s=8 dt= 7.7s XEN=926403
BCS 13:21 13:21 13:23 13:23 13:23 CaPeak.c/s=19 Qual= 5 FePeak=13:21 Step=15" Cad= 262s 1.024s/pixel
FCS 13:13 13:13 13:13 13:13 13:13 Wave length=2788A Code=02 Exp #=96939 Step=0" Pitch=+318",Yaw=+244"
UVSP 13:13 13:13 13:13 13:13 13:13 Importance=C2 Qual=05 FePeak=14:55 dt= 3.8s XEN=926404
GOES 14:45 14:50 14:55 14:55 15:06 CaPeak.c/s=40 Qual= 5 FePeak=14:55 Step=0" Cad=3840s 3840s/pixel
BCS 14:53 14:55 14:55 14:55 15:06 Wave length=2788A Code=00 Exp #=96941 Step=0" Pitch=+334",Yaw=-70"
UVSP 14:44 14:44 14:44 14:44 14:44 SMM Pointing: S26E04 Pitch=+469",Yaw=+236",Roll=-20deg H. Ang=33deg
Event # = 12083
89/09/21,19:39 DOY=264 Peak Carr. Lon.=221deg H. Ang=34deg
Optical S27E03 AR5698 Mac.=EKC
GOES 19:25 19:39 19:58 19:58 20:02 Ha...Class=1F S27E03 Qual=03 Maxkey=232
HXRBS 19:26:41 19:36:58 19:43:14 19:43:14 20:02 Peak...c/s=431 Qual=01 Tot Cts=49157 FePeak.c/s=257 dt= 7.7s XEN=926405
BCS 19:29 19:38 20:02 20:02 20:02 CaPeak.c/s=1056 Qual= 1 FePeak=19:37 Step=10" Cad= 332s 1.024s/pixel
FCS 19:34 19:34 19:34 19:34 19:34 Wave length=1375A Code=00 Exp #=96950 Step=1" Pitch=+518",Yaw=+216"
UVSP 19:34 19:34 19:34 19:34 19:34 Type/Intensity: V/3
Radio Sweeps 245/880 410/170 606/180 1415/81 2695/80 4995/170 8800/190 15400/140 Maxkey=102
Radio Frequency(MHz)/Flux(sfu): 245/880 410/170 606/180 1415/81 2695/80 4995/170 8800/190 15400/140 Rast=20"x30"
HXRBS 19:58:20 19:58:27 19:58:45 19:58:45 19:58:45 Peak...c/s=53 Associated Event # = 12084 Step=5" Pitch=+514",Yaw=+234"
UVSP 19:52 19:52 19:52 19:52 19:52 Wave length=1375A Qual=01 Tot Cts=18073 Rast=30"x30"
-----
Event # = 12085
89/09/22,02:18 DOY=265 Carr. Lon.=220deg H. Ang=33deg
Optical S26E01 AR5698 Mac.=EKC
GOES 02:17:34 02:18:09 02:18:49 02:18:49 02:18:49 Ha...Class=SF S26W00 Qual=00 FePeak.c/s=7 dt= 7.7s XEN=926500
HXRBS 02:17:34 02:18:09 02:18:49 02:18:49 02:18:49 Peak...c/s=34 Qual=01 Tot Cts=173 Step=10" Cad= 332s 1.024s/pixel
UVSP 01:41 02:18:49 02:18:49 02:18:49 02:18:49 Wave length=1375A Exp #=96962 Step=5" Pitch=+505",Yaw=+175"
-----
Event # = 23276
89/09/22,03:13 DOY=265 Carr. Lon.=220deg H. Ang=32deg
GOES 03:13 03:13 03:16 03:16 03:16 Ha...Class=SM S26W00 Qual=00 FePeak.c/s=7 dt= 7.7s XEN=926500
BCS 03:13 03:13 03:16 03:16 03:16 CaPeak.c/s=21 Qual= 4 FePeak=03:13 Step=10" Cad= 332s 1.024s/pixel
FCS 03:10 03:10 03:10 03:10 03:10 Wave length=1375A Exp #=96963 Step=5" Pitch=+520",Yaw=-78"
UVSP 03:10 03:10 03:10 03:10 03:10
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Event # = 12086		SMM Pointing:		S26W00		Pitch=+513", Yaw=-90", Roll=10deg		H. Ang=33deg	
89/09/22, 03:38	DOY=265	Start	End times						
Optical	Peak								
GOES	03:38	03:38	03:40	Ha...Class=SF	S23W05	AR5698	Mac.=EKC	Carr. Lon.=225deg	H. Ang=30deg
HXRBS	03:38:21	03:38:30	03:38:45	Importance=C3	Qual=01				
BCS	03:36	03:38	03:40	Peak...c/s=45	Qual=01				
FCS				CaPeak.c/s=63	Qual= 1				
UVSP	03:35			Wavelength=1375A	Code=00	Exp #=96969			
Radio Sweeps	Type/Intensity:			III/3					
Radio Frequency(MHz)/Flux(sfu):				245/160 410/190 606/150					
Event # = 12087		SMM Pointing:		S26W01		Pitch=+494", Yaw=+167", Roll=-20deg		H. Ang=33deg	
89/09/22, 04:39	DOY=265	Start	End times						
GOES	04:38:46	04:39:06	04:39:24	Peak...c/s=48	Qual=00				
HXRBS	04:41			Wavelength=1375A	Qual=01				
UVSP						Tot Cts=295	MaxkeV=102	Step=5"	Pitch=+501", Yaw=+180"
Event # = 12088		SMM Pointing:		S26W01		Pitch=+494", Yaw=+167", Roll=-20deg		H. Ang=33deg	
89/09/22, 05:20	DOY=265	Start	End times						
GOES	05:17	05:20	05:23	Importance=C2	Qual=01				
HXRBS	05:17:35	05:18:20	05:19:45	Peak...c/s=55	Qual=01				
BCS	05:18	05:19	05:24	CaPeak.c/s=32	Qual= 1				
FCS				Wavelength=1375A	Code=00	Exp #=96980			
UVSP	05:18								
Event # = 12089		SMM Pointing:		S26W02		Pitch=+498", Yaw=+156", Roll=-20deg		H. Ang=33deg	
89/09/22, 06:30	DOY=265	Start	End times						
Optical	Peak								
GOES	06:24	06:30	06:42	Ha...Class=SN	S29W01	AR5698	Mac.=EKC	Carr. Lon.=219deg	H. Ang=36deg
HXRBS	06:25:37	06:26:38	06:28:40	Importance=C5	Qual=01				
BCS	06:26	06:31	07:00	Peak...c/s=1951	Qual=01				
FCS				CaPeak.c/s=195	Qual= 1				
UVSP	06:03			Wavelength=2788A	Code=01	Exp #=96982			
Radio Sweeps	Type/Intensity:			III/2					
Radio Frequency(MHz)/Flux(sfu):				245/25000 410/120 606/120 1415/24 2695/130 8800/270 15400/260					
Event # = 23277		SMM Pointing:		S26W02		Pitch=+498", Yaw=+156", Roll=-20deg		H. Ang=33deg	
89/09/22, 13:03	DOY=265	Start	End times						
GOES	13:03	13:03	13:05	CaPeak.c/s=18	Qual=00				
BCS				Wavelength=2788A	Qual= 5	FePeak=13:03			
FCS									
UVSP	13:05					Exp #=96991			
Event # = 23278		SMM Pointing:		S26W01		Pitch=+494", Yaw=+167", Roll=-20deg		H. Ang=33deg	
89/09/22, 13:51	DOY=265	Start	End times						
GOES	13:50	13:51	13:59	CaPeak.c/s=26	Qual=00				
BCS				Wavelength=2788A	Qual= 5	FePeak=13:51			
FCS									
UVSP	13:43					Exp #=96992			

Event # = 12090		89/09/22, 17:08		DOY=265		SMM Pointing:		S26W07		Pitch=+525", Yaw=+76", Roll=-20deg		H. Ang=34deg	
GOES		17:04		17:08		Importance=C4		Qual=03		MaxkeV=102			
HXRBS		17:04:47		17:05:26		Peak...c/s=82		Qual=01		FePeak.c/s=55		#Peaks=1	
BCS		17:06		17:07		CaPeak.c/s=125		Qual=1		Rast=240"x240"		dt= 0.5s	
FCS										Step=15"		XEN=926506	
UVSP		16:46				Wavelength=2788A		Code=01		Step=0"		Cad= 262s	
Radio		Frequency (MHz)/Flux(sfu):		4995/54 8800/100		15400/75		Exp #=96996		Pitch=+180"x1"		Yaw=+6"	
Event # = 12091		89/09/22, 18:43		DOY=265		SMM Pointing:		S26W08		Pitch=+530", Yaw=+63", Roll=-20deg		H. Ang=34deg	
Optical		Start		End times		Ha...Class=SF		S25W06		Mac. =EKC		Carr. Lon.=217deg	
Optical						Ha...Class=SF		N23W63		Carr. Lon.=274deg		H. Ang=33deg	
GOES		18:37		18:43		Importance=C2		Qual=03		MaxkeV=102			
HXRBS		18:41:09		18:41:23		Peak...c/s=41		Qual=01		FePeak.c/s=16		#Peaks=1	
BCS		18:42		18:42		CaPeak.c/s=59		Qual=1		Rast=240"x240"		dt= 3.8s	
FCS										Step=15"		XEN=926507	
UVSP		18:42				Wavelength=2788A		Code=00		Step=3"		Cad= 262s	
HXRBS		18:53:20		18:53:31		Peak...c/s=41		Qual=01		Rast=39"x39"		Pitch=+475", Yaw=+155"	
						Associated Event # = 12092		Tot Cts=86		MaxkeV=102			
Event # = 12093		89/09/22, 20:01		DOY=265		SMM Pointing:		S26W09		Pitch=+534", Yaw=+52", Roll=-20deg		H. Ang=34deg	
HXRBS		20:01:25		20:01:29		Peak...c/s=390		Qual=01		MaxkeV=860		Flags=NS,GB	
UVSP		20:00				Wavelength=1375A		Exp #=97001		Rast=265"x265"		Step=5" Pitch=+542", Yaw=+64"	
Event # = 12094		89/09/23, 04:00		DOY=266		SMM Pointing:		S32W08		Pitch=+600", Yaw=+100", Roll=-20deg		H. Ang=39deg	
GOES		03:59:58		04:00:04		Peak...c/s=84		Qual=01		MaxkeV=144			
HXRBS		04:26				Wavelength=2788A		Exp #=97033		Rast=180"x1"		Step=0" Pitch=+480", Yaw=-45"	
UVSP										Pitch=+0", Yaw=+0", Roll=-20deg		H. Ang=0deg	
Event # = 12095		89/09/23, 06:46		DOY=266		SMM Pointing:		N07W00		MaxkeV=102			
GOES		06:46:44		06:46:52		Peak...c/s=68		Qual=01		Rast=243"x243"		Step=3" Pitch=+7", Yaw=+13"	
HXRBS		06:41				Wavelength=2788A		Exp #=97036		Pitch=-956", Yaw=+0", Roll=-20deg		H. Ang=81deg	
UVSP										MaxkeV=102			
Event # = 12096		89/09/23, 06:55		DOY=266		SMM Pointing:		N70E82		MaxkeV=102			
GOES		06:55:15		06:55:27		Peak...c/s=55		Qual=01		Rast=243"x243"		Step=3" Pitch=-949", Yaw=+13"	
HXRBS		06:53				Wavelength=2788A		Exp #=97037		Pitch=-956", Yaw=+0", Roll=-20deg		H. Ang=81deg	
UVSP										MaxkeV=102			

Event # = 12097  
89/09/23,08:34 Start D0Y=266 Peak End times  
SMM Pointing: S26W15 Pitch=+565",Yaw=-39",Roll=-20deg H.Ang=36deg  
GOES 08:34:08 08:34:18 08:34:28 Peak...c/s=40 Qual=00  
HXRBs 08:34:08 08:34:18 08:34:28 Wavelength=1375A Qual=01  
UVSP 08:30 MaxkeV=102 Tot Cts=118  
Rast=30"x30" Step=5" Pitch=+584",Yaw=-111" Exp #=97045

Event # = 12098  
89/09/23,09:00 Start D0Y=266 Peak End times  
SMM Pointing: S26W15 Pitch=+565",Yaw=-39",Roll=-20deg H.Ang=36deg  
Optical Ha...Class=SF N29W74 Mac.=CAO Carr.Lon.=278deg H.Ang=73deg  
GOES 08:56 09:00 09:04 Importance=C4 Qual=03  
HXRBs 08:57:45 08:58:23 09:00:07 Peak...c/s=62 Qual=01  
UVSP 08:51 Wavelength=1375A Code=00 Tot Cts=1492  
Radio Sweeps Type/Intensity: II/2 Wavelength=1375A Exp #=97049  
Step=5" Pitch=+590",Yaw=-114"

Event # = 23279  
89/09/23,12:55 Start D0Y=266 Peak End times  
GOES 12:52 12:55 13:00 CaPeak.c/s=29 Qual=00  
BCS 12:52 12:55 13:00 Wavelength=2788A Qual=2  
FCS FePeak=12:53  
UVSP 12:39 Exp #=97068

Event # = 12099  
89/09/23,13:35 Start D0Y=266 Peak End times  
SMM Pointing: S26W18 Pitch=+576",Yaw=-73",Roll=-20deg H.Ang=37deg  
GOES 13:29 13:35 13:44 Importance=C3 Qual=04  
HXRBs 13:30:45 13:32:10 13:33:31 Peak...c/s=44 Qual=02  
BCS 13:32 13:35 13:41 CaPeak.c/s=45 Qual=8  
FCS Wavelength=2788A Code=00 Tot Cts=1186  
UVSP 13:33 Frequency(MHz)/Flux(sfu): 245/94 FePeak=13:32  
Exp #=97069

Event # = 12100  
89/09/23,21:59 Start D0Y=266 Peak End times  
SMM Pointing: S26W23 Pitch=+597",Yaw=-140",Roll=-20deg H.Ang=40deg  
GOES 21:58:44 21:59:12 21:59:44 Peak...c/s=37 Qual=00  
HXRBs 21:58:44 21:59:12 21:59:44 Wavelength=1375A Qual=01  
UVSP 22:01 MaxkeV=102 Tot Cts=198  
Rast=265"x265" Step=5" Pitch=+603",Yaw=-127" Exp #=97088

Event # = 12101  
89/09/23,22:45 Start D0Y=266 Peak End times  
SMM Pointing: S26W23 Pitch=+597",Yaw=-140",Roll=-20deg H.Ang=40deg  
GOES 22:30 22:45 23:18 Importance=C4 Qual=03  
HXRBs 22:30:50 22:33:09 22:35:04 Peak...c/s=50 Qual=01  
BCS 22:31 22:39 22:41 CaPeak.c/s=152 Qual=2 Tot Cts=2174  
FCS Wavelength=1375A Code=00 FePeak=22:38  
UVSP 22:38 Frequency(MHz)/Flux(sfu): 245/210 Exp #=97096  
Radio Step=5" Pitch=+627",Yaw=-208"

89/09/24		DOY=267	
Event # = 12102			
89/09/24, 04:51	DOY=267		
Start	Peak	SMM Pointing:	Pitch=-609", Yaw=-184", Roll=-20deg H. Ang=42deg
GOES 04:44	04:51	Importance=C2	
HXRBS 04:44:35	04:45:05	Peak...c/s=59	MaxkeV=102
BCS 04:47	04:50	CaPeak.c/s=63	Flags=M5
FCS			#Peaks=1 dt= 3.8s XEN=926700
UVSP 04:46		Wavelength=1375A	Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
Radio	Frequency(MHz)/Flux(sfu):	8800/35 15400/65	Rast=30"x30" Step=5" Pitch=+640", Yaw=-241"
Event # = 12103			
89/09/24, 05:58	DOY=267		
Start	Peak	SMM Pointing:	Pitch=+612", Yaw=-194", Roll=-20deg H. Ang=42deg
GOES 05:57:48	05:58:08	Peak...c/s=49	
HXRBS 05:56		Wavelength=1375A	MaxkeV=102
UVSP			Rast=10"x10" Step=0" Pitch=+647", Yaw=-219"
Event # = 12105			
89/09/24, 08:21	DOY=267		
Start	Peak	SMM Pointing:	Pitch=+620", Yaw=-215", Roll=-20deg H. Ang=43deg
Optical			Mac.=EKC Carr. Lon.=219deg H. Ang=45deg
GOES 08:06	08:21	Ha...Class=SF	
HXRBS 08:42:50	08:43:14	Importance=M1	MaxkeV=102
UVSP 08:32		Peak...c/s=41	Rast=180"x1" Step=0" Pitch=+497", Yaw=-28"
Radio	Frequency(MHz)/Flux(sfu):	245/1000 606/1	
HXRBS 08:40:14	08:40:23	Peak...c/s=36	Associated Event # = 12104
			Qual=01 Tot Cts=184
Event # = 22619			
89/09/24, 08:44	DOY=267		
Start	Peak		
GOES 08:41	08:44	Qual=00	
BCS 08:32		Qual= 8	FePeak=08:43
FCS		CaPeak.c/s=65	Exp #=97151
UVSP 08:32		Wavelength=2788A	
Event # = 12106			
89/09/24, 09:11	DOY=267		
Start	Peak	SMM Pointing:	Pitch=+620", Yaw=-215", Roll=-20deg H. Ang=43deg
GOES 09:09:04	09:09:15	Peak...c/s=54	
HXRBS 09:10	09:11	CaPeak.c/s=41	MaxkeV=102
BCS 09:27		Wavelength=2788A	FePeak.c/s=11
FCS			Rast=240"x240" Step=15" dt= 7.7s XEN=926702
UVSP 09:27			Rast=180"x1" Step=0" Pitch=+499", Yaw=-34"
Event # = 12107			
89/09/24, 09:31	DOY=267		
Start	Peak	SMM Pointing:	Pitch=+620", Yaw=-215", Roll=-20deg H. Ang=43deg
GOES 09:29:37	09:29:44	Peak...c/s=44	
HXRBS 09:29	09:31	CaPeak.c/s=39	MaxkeV=102
BCS 09:27		Wavelength=2788A	FePeak.c/s=10
FCS			Rast=240"x240" Step=15" dt= 7.7s XEN=926703
UVSP 09:27			Rast=180"x1" Step=0" Pitch=+499", Yaw=-34"



HRBS	01:36:51	01:38:11	01:39:33	Peak...c/s=49	Associated	Event # = 12112	MaxkeV=188			
UVSP	01:37			Wavelength=1375A	Qual=01	Tot Cts=1469	Rast=30"x30"	Step=5"	Pitch=+668"	Yaw=-388"
HRBS	01:48:24	01:48:49	01:49:06	Peak...c/s=47	Associated	Event # = 12114	MaxkeV=102			
HRBS	01:50:22	01:50:50	01:51:03	Peak...c/s=39	Associated	Event # = 12115	MaxkeV=102			
Event # = 12116										
89/09/25	03:38	DOY=268		SMM Pointing:	S26W38		Pitch=+649"	Yaw=-329"	Roll=-20deg	H. Ang=49deg
GOES	03:03	03:38	03:58	Importance=M1	Qual=03					
HRBS	03:09:54	03:10:54	03:15:14	Peak...c/s=68	Qual=01	Tot Cts=3842	MaxkeV=102	Flags=M5		
UVSP	03:30			Wavelength=1375A	Code=00	Exp #=97210	Rast=30"x30"	Step=5"	Pitch=+676"	Yaw=-400"
Event # = 12117										
89/09/25	05:19	DOY=268		SMM Pointing:	S26W39		Pitch=+652"	Yaw=-339"	Roll=-20deg	H. Ang=50deg
GOES	05:19:05	05:19:16	05:19:23	Peak...c/s=42	Qual=00					
HRBS	05:07			Wavelength=1375A	Qual=01	Tot Cts=85	MaxkeV=102			
UVSP	05:07					Exp #=97219	Rast=10"x10"	Step=0"	Pitch=+683"	Yaw=-360"
Event # = 23283										
89/09/25	08:12	DOY=268								
GOES	08:10	08:12	08:24	CaPeak.c/s=22	Qual=00					
BCS					Qual=4	FePeak=08:11	FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=926801
FCS						Exp #=97232	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel
UVSP	08:24			Wavelength=2788A			Rast=180"x1"	Step=0"	Pitch=+538"	Yaw=-180"
Event # = 23284										
89/09/25	09:57	DOY=268								
GOES	09:57	09:57	09:59	CaPeak.c/s=20	Qual=00					
BCS					Qual=4	FePeak=09:57	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=926802
FCS						Exp #=97234	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel
UVSP	09:54			Wavelength=2788A			Rast=180"x1"	Step=0"	Pitch=+540"	Yaw=-190"
Event # = 12118										
89/09/25	16:57	DOY=268		SMM Pointing:	S26W45		Pitch=+669"	Yaw=-408"	Roll=-20deg	H. Ang=55deg
GOES	16:57:42	16:57:59	16:58:15	Peak...c/s=35	Qual=00					
HRBS	16:39			Wavelength=2788A	Qual=01	Tot Cts=150	MaxkeV=102			
UVSP	16:39					Exp #=97243	Rast=180"x1"	Step=0"	Pitch=+549"	Yaw=-227"
Event # = 12119										
89/09/25	21:26	DOY=268		SMM Pointing:	S26W47		Pitch=+674"	Yaw=-431"	Roll=-20deg	H. Ang=57deg
GOES	21:17	21:26	21:38	Importance=C6	Qual=04					
HRBS	21:21:33	21:22:53	21:24:02	Peak...c/s=41	Qual=01	Tot Cts=687	MaxkeV=102			
UVSP	21:27			Wavelength=1375A	Code=02	Exp #=97250	Rast=265"x265"	Step=5"	Pitch=+683"	Yaw=-425"





Event # = 12123	89/09/26, 05:20	DOY=269	Start	End times	SMM Pointing:	S26W52	Pitch=+682",	Yaw=-471",	Roll=-20deg	H. Ang=60deg
GOES	05:19:01	05:20:04	05:20:25	05:20:25	Peak...c/s=47	Qual=00	MaxkeV=144	Step=0"	Pitch=+708",	Yaw=-492"
HXRBS	05:19:01	05:20:04	05:20:25	05:20:25	WaveLength=1375A	Qual=01	Rast=10"x10"	Step=0"	Pitch=+708",	Yaw=-492"
UVSP	05:09									
Event # = 23288	89/09/26, 06:29	DOY=269	Start	End times						
Optical					Ha...Class=SF	S26W61	Mac.=EKC	Carr. Lon.=226deg	H. Ang=68deg	
Optical					Ha...Class=SF	S26W61	Carr. Lon.=226deg	H. Ang=68deg		
GOES	06:21	06:29	06:36	06:36	Importance=C5	Qual=05	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=926902
BGS	06:33	06:34	06:55	06:55	CaPeak.c/s=39	Qual= 5	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel
FCS							Rast=265"x265"	Step=5"	Pitch=+692",	Yaw=-472"
UVSP	06:36				WaveLength=1375A	Code=02	Exp #=97304			
Event # = 12124	89/09/26, 07:26	DOY=269	Start	End times	SMM Pointing:	S26W53	Pitch=+685",	Yaw=-482",	Roll=-20deg	H. Ang=61deg
GOES	07:13:49	07:14:02	07:14:49	07:14:49	Peak...c/s=54	Qual=00	MaxkeV=102	#Peaks=1	dt= 7.7s	XEN=926903
HXRBS	07:13	07:26	07:28	07:28	CaPeak.c/s=65	Qual= 2	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel
BGS							Rast=10"x10"	Step=0"	Pitch=+660",	Yaw=-552"
FCS										
UVSP	07:20				WaveLength=1375A	Exp #=97312				
Event # = 12126	89/09/26, 08:59	DOY=269	Start	End times	SMM Pointing:	S26W54	Pitch=+686",	Yaw=-492",	Roll=-20deg	H. Ang=62deg
Optical					Ha...Class=SN	S23W58	Mac.=EKC	Carr. Lon.=222deg	H. Ang=64deg	
GOES	08:55	08:59	09:03	09:03	Importance=C5	Qual=03	MaxkeV=144	Flags=I		
HXRBS	08:57:06	08:57:39	08:58:17	08:58:17	Peak...c/s=161	Qual=01	Rast=180"x1"	Step=0"	Pitch=+566",	Yaw=-310"
UVSP	08:51				WaveLength=2788A	Code=00	Exp #=97314			
Radio					Frequency(MHz)/Flux(sfu):	245/920				
HXRBS	08:54:29	08:54:39	08:54:51	08:54:51	Associated Event # = 12125	Qual=01	MaxkeV=102	Flags=I		
Event # = 12129	89/09/26, 10:19	DOY=269	Start	End times	SMM Pointing:	S26W55	Pitch=+688",	Yaw=-502",	Roll=-20deg	H. Ang=63deg
Optical					Ha...Class=1N	S23W58	Mac.=EKC	Carr. Lon.=221deg	H. Ang=64deg	
GOES	10:15	10:19	10:22	10:22	Importance=C4	Qual=01	MaxkeV=188	Step=0"	Pitch=+567",	Yaw=-317"
HXRBS	10:15:14	10:15:20	10:15:52	10:15:52	Peak...c/s=118	Qual=01	Rast=180"x1"	Step=0"	Pitch=+567",	Yaw=-317"
UVSP	10:24				WaveLength=2788A	Code=02	Exp #=97316			
Radio					Type/Intensity:	245/1000				
Radio					Sweeps					
HXRBS	10:18:14	10:18:21	10:18:28	10:18:28	Associated Event # = 12130	Qual=01	MaxkeV=102	Flags=I		

Event # = 12131		SMM Pointing:		S26W55		Pitch=+688", Yaw=-502", Roll=-20deg		H. Ang=63deg	
89/09/26, 10:25	DOY=269	Start	End times	AR5708	AR5708	Mac.=BX0	Carr. Lon.=88deg	H. Ang=77deg	
Optical									
GOES									
HXRBS	10:24:48	10:25:08	10:25:32	Tot Cts=324		MaxkeV=102	Step=0"	Pitch=+567", Yaw=-317"	
UVSP	10:24			Exp #=97316		Rast=180"x1"			
Radio									
Frequency (MHz)/Flux(sfu):		1415/300							
Event # = 12127		SMM Pointing:		S26W55		Pitch=+688", Yaw=-502", Roll=-20deg		H. Ang=63deg	
89/09/26, 11:53	DOY=269	Start	End times	AR5698	AR5698	Mac.=EKC	Carr. Lon.=216deg	H. Ang=61deg	
Optical									
GOES									
HXRBS	11:52:35	11:53:14	11:54:28	Tot Cts=3229		MaxkeV=232	Flags=M5		
UVSP	11:55			Exp #=97318		Rast=180"x1"	Step=0"	Pitch=+569", Yaw=-324"	
Radio									
Type/Intensity:		111/2 V/2							
Frequency (MHz)/Flux(sfu):		245/3000							
Event # = 12128		SMM Pointing:		S26W55		Pitch=+688", Yaw=-502", Roll=-20deg		H. Ang=63deg	
89/09/26, 12:42	DOY=269	Start	End times	AR5698	AR5698	Mac.=EKC	Carr. Lon.=217deg	H. Ang=63deg	
Optical									
GOES	12:37	12:42	12:45	Tot Cts=5308		MaxkeV=188	Step=0"	Pitch=+569", Yaw=-327"	
HXRBS	12:38:52	12:39:16	12:41:42	Exp #=97319		Rast=180"x1"			
UVSP	12:33								
Radio									
Type/Intensity:		V/1							
Frequency (MHz)/Flux(sfu):		410/480 606/190 1415/83 2695/38 4995/32							
Event # = 12132		SMM Pointing:		S26W58		Pitch=+692", Yaw=-523", Roll=-20deg		H. Ang=65deg	
89/09/26, 17:19	DOY=269	Start	End times						
GOES	16:30	17:19	17:48	Tot Cts=4359		MaxkeV=232	Flags=SA		
HXRBS	16:31:01	16:31:52	16:32:59	FePeak=16:34		FePeak.c/s=12	#Peaks=1	dt= 3.8s XEN=926904	
BCS	16:34	16:35	16:38			Rast=180"x180"	Step=10"	Cad= 332s 1.024s/pixel	
FCS						Rast=180"x1"	Step=0"	Pitch=+573", Yaw=-347"	
UVSP	17:07			Exp #=97325					
Radio									
Type/Intensity:		V/2							
Frequency (MHz)/Flux(sfu):		245/260 606/70 4995/43 8800/51							
Associated Event # = 12133									
Qual=03									
Peak...c/s=82									
Wavelength=2788A									
HXRBS	17:38:03	17:39:35	17:40:00	Tot Cts=1880		MaxkeV=188	Flags=ES		
UVSP	18:02			Exp #=97326		Rast=180"x1"	Step=0"	Pitch=+573", Yaw=-350"	
Event # = 23289		SMM Pointing:		S26W58		Pitch=+692", Yaw=-523", Roll=-20deg		H. Ang=65deg	
89/09/26, 18:08	DOY=269	Start	End times						
GOES	18:07	18:08	18:10	FePeak=18:08		FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=926905	
BCS	18:07	18:08	18:10	Qual=8		Rast=240"x240"	Step=15"	Cad= 262s 1.024s/pixel	
FCS						Rast=180"x1"	Step=0"	Pitch=+573", Yaw=-350"	
UVSP	18:02			Exp #=97326					

Event # = 12134		SMM Pointing:		S26W59		Pitch=+693", Yaw=-533", Roll=-20deg		H. Ang=66deg	
89/09/26,19:02	DOY=269	Peak	End times						
GOES	18:52	19:02	19:12	Qual=01					
HXRBS	18:52:18	18:53:06	18:55:46	Qual=01					
BGS	18:47	19:00	19:18	Qual=1					
FCS									
UVSP	18:40			Code=01					
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HXRBS	18:58:59	18:59:30	19:00:00	Peak...c/s=37	Qual=01				
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Event # = 23290		SMM Pointing:		S26W60		Pitch=+695", Yaw=-543", Roll=-20deg		H. Ang=67deg	
89/09/26,20:32	DOY=269	Peak	End times						
GOES	20:29	20:32	20:37	Qual=00					
BGS	20:29	20:32	20:37	Qual=1					
FCS									
UVSP	20:11			Code=01					
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Event # = 12136		SMM Pointing:		S26W60		Pitch=+695", Yaw=-543", Roll=-20deg		H. Ang=67deg	
89/09/26,20:45	DOY=269	Peak	End times						
GOES	20:45:04	20:45:13	20:45:28	Qual=00					
HXRBS	20:45:04	20:45:13	20:45:28	Qual=01					
UVSP	21:05			Code=01					
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Event # = 23291		SMM Pointing:		S26W61		Pitch=+439", Yaw=-772", Roll=2deg		H. Ang=68deg	
89/09/26,20:53	DOY=269	Peak	End times						
GOES	20:52	20:53	20:54	Qual=03					
BGS	20:52	20:53	20:54	Qual=2					
FCS									
UVSP	21:05			Code=00					
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Event # = 12137		SMM Pointing:		S26W61		Pitch=+439", Yaw=-772", Roll=2deg		H. Ang=68deg	
89/09/26,22:02	DOY=269	Peak	End times						
GOES	21:54	22:02	22:08	Qual=01					
HXRBS	21:54:37	21:54:58	21:55:23	Qual=01					
UVSP	22:01			Code=00					
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Event # = 23292		SMM Pointing:		S16W43		Carr. Lon.=199deg		H. Ang=48deg	
89/09/26,23:30	DOY=269	Peak	End times						
Optical				Code=DSF					
GOES	23:29	23:30	23:36	Qual=00					
BGS	23:29	23:30	23:36	Qual=4					
FCS									
UVSP	23:29			Code=00					
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Event # = 12135		SMM Pointing:		S26W59		Pitch=+693", Yaw=-533", Roll=-20deg		H. Ang=66deg	
89/09/26,19:02	DOY=269	Peak	End times						
GOES	18:52	19:02	19:12	Qual=01					
HXRBS	18:52:18	18:53:06	18:55:46	Qual=01					
BGS	18:47	19:00	19:18	Qual=1					
FCS									
UVSP	18:40			Code=01					
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Event # = 23292		SMM Pointing:		S16W43		Carr. Lon.=199deg		H. Ang=48deg	
89/09/26,23:30	DOY=269	Peak	End times						
Optical				Code=DSF					
GOES	23:29	23:30	23:36	Qual=00					
BGS	23:29	23:30	23:36	Qual=4					
FCS									
UVSP	23:29			Code=00					

Event # = 12139  
 89/09/27, 00:11 DOY=270 SMM Pointing: S26W61 Pitch=+439", Yaw=-772", Roll=2deg H. Ang=68deg  
 Start Peak End times  
 GOES 00:07 00:11 00:14  
 HXRBS 00:06:08 00:08:59 00:11:00 Importance=C4 Qual=03  
 BCS 00:00 00:09 00:17 Peak...c/s=64 Qual=01 Tot Cts=3687  
 FCS 00:00 00:09 00:17 CaPeak.c/s=117 Qual=1 FePeak=00:09  
 UVSP 23:29 Type/Intensity: III/3 Wave length=1375A Code=00 Exp #=97334  
 Radio Sweeps dt= 3.8s XEN=927000  
 MaxkeV=144 #Peaks=1  
 FePeak.c/s=18 Step=10 Cad= 332s 1.024s/pixel  
 Rast=180"x180" Pitch=+376", Yaw=-832"  
 Rast=70"x70" Step=5"  
 Associated Event # = 12138  
 MaxkeV=102  
 HXRBS 00:03:51 00:04:05 00:04:39 Peak...c/s=37  
 Radio Sweeps Type/Intensity: III/1  
 Qual=01 Tot Cts=198

Event # = 12140  
 89/09/27, 01:08 DOY=270 SMM Pointing: S26W63 Pitch=+697", Yaw=-562", Roll=-20deg H. Ang=69deg  
 Start Peak End times  
 Optical Ha...Class=1N S20E61 AR5708 Carr. Lon.=94deg H. Ang=66deg  
 GOES 00:59 01:08 01:16 Importance=C5 Qual=01  
 HXRBS 00:59:26 01:01:58 01:04:59 Peak...c/s=55 Qual=01 Tot Cts=3008  
 UVSP 01:01 01:01 01:01 Wave length=1375A Code=00 Exp #=97337  
 Radio Sweeps Type/Intensity: III/2 V/1  
 MaxkeV=102  
 Rast=10"x10" Step=0" Pitch=+657", Yaw=-627"

Event # = 12141  
 89/09/27, 03:13 DOY=270 SMM Pointing: S26W63 Pitch=+697", Yaw=-562", Roll=-20deg H. Ang=69deg  
 Start Peak End times  
 GOES 03:13:36 03:13:50 03:14:04 Qual=00  
 HXRBS 03:13:36 03:13:50 03:14:04 Peak...c/s=122 Qual=01 Tot Cts=565  
 UVSP 03:07 03:07 03:07 Wave length=1375A Exp #=97352  
 MaxkeV=188  
 Rast=30"x30" Step=5" Pitch=+663", Yaw=-634"

Event # = 23293  
 89/09/27, 03:53 DOY=270 SMM Pointing: S26W63 Pitch=+697", Yaw=-562", Roll=-20deg H. Ang=69deg  
 Start Peak End times  
 GOES 03:46 03:53 03:59 Importance=C3 Qual=05  
 BCS 03:58 03:58 04:05 CaPeak.c/s=21 Qual=5 FePeak=03:58  
 FCS 04:01 04:01 04:01 Wave length=1375A Code=02 Exp #=97353  
 UVSP 04:01 04:01 04:01 FePeak.c/s=6 dt= 7.7s XEN=927001  
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 Rast=265"x265" Step=5" Pitch=+706", Yaw=-561"

Event # = 23294  
 89/09/27, 04:30 DOY=270 SMM Pointing: S26W63 Pitch=+697", Yaw=-562", Roll=-20deg H. Ang=69deg  
 Start Peak End times  
 GOES 04:25 04:30 04:52 Qual=00  
 BCS 04:25 04:30 04:52 CaPeak.c/s=30 Qual=1 FePeak=04:26  
 FCS 04:26 04:26 04:26 Wave length=1375A Code=02 Exp #=97359  
 UVSP 04:26 04:26 04:26 FePeak.c/s=13 dt= 7.7s XEN=927002  
 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel  
 Rast=30"x30" Step=5" Pitch=+678", Yaw=-624"

Event # = 23295  
 89/09/27, 05:37 DOY=270 SMM Pointing: S26W63 Pitch=+697", Yaw=-562", Roll=-20deg H. Ang=69deg  
 Start Peak End times  
 GOES 05:30 05:37 05:42 Qual=06  
 BCS 05:30 05:37 05:42 CaPeak.c/s=25 Qual=4 FePeak=05:31  
 FCS 05:37 05:37 05:37 Wave length=1375A Code=02 Exp #=97364  
 UVSP 05:37 05:37 05:37 FePeak.c/s=7 dt= 7.7s XEN=927003  
 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel  
 Rast=30"x30" Step=5" Pitch=+663", Yaw=-643"

Event # = 23296																							
89/09/27,06:08	DOY=270	Peak																					
	Start	End times																					
GOES	05:47	06:08	06:24																				
BCS				CaPeak.c/s=66	Qual=06	FePeak=06:00																	
FCS					Qual=1	Exp #=97368																	
UVSP	05:58			Wavelength=1375A																			
Event # = 12142																							
89/09/27,06:21	DOY=270	Peak																					
	Start	End times																					
GOES	06:21:50	06:21:55	06:22:04																				
HXRBS	06:09			Peak...c/s=40	Qual=06	Tot Cts=48																	
UVSP				Wavelength=1375A	Qual=01	Exp #=97370																	
Event # = 12143																							
89/09/27,07:24	DOY=270	Peak																					
	Start	End times																					
GOES	07:22:23	07:22:32	07:22:51																				
HXRBS*	07:24	07:24	07:25	Peak...c/s=71	Qual=00	Tot Cts=183																	
BCS				CaPeak.c/s=20	Qual=01	FePeak=07:24																	
FCS					Qual=4	Exp #=97375																	
UVSP	07:20			Wavelength=1375A																			
Event # = 23297																							
89/09/27,07:34	DOY=270	Peak																					
	Start	End times																					
GOES	07:29	07:34	07:37																				
BCS				CaPeak.c/s=20	Qual=00	FePeak=07:34																	
FCS					Qual=4	Exp #=97377																	
UVSP	07:31			Wavelength=1375A																			
Event # = 23298																							
89/09/27,07:48	DOY=270	Peak																					
	Start	End times																					
GOES	07:47	07:48	07:55																				
BCS				CaPeak.c/s=24	Qual=00	FePeak=07:47																	
FCS					Qual=4	Exp #=97379																	
UVSP	07:41			Wavelength=1375A																			
Event # = 23299																							
89/09/27,11:18	DOY=270	Peak																					
	Start	End times																					
GOES	09:55	11:18	12:24																				
BCS				Importance=C5	Qual=02	FePeak=10:05																	
FCS	10:05	10:05	10:09	CaPeak.c/s=26	Qual=6	Exp #=97389																	
UVSP																							
Event # = 12144																							
89/09/27,15:33	DOY=270	Peak																					
	Start	End times																					
GOES	15:31:54	15:32:20	15:32:53																				
HXRBS*	15:33	15:33	15:34	Peak...c/s=81	Qual=00	Tot Cts=554																	
BCS				CaPeak.c/s=34	Qual=01	FePeak=15:33																	
FCS					Qual=1	Exp #=97389																	
UVSP	15:27			Wavelength=2788A																			

Event # = 23300	DOY=270	End times	Qual=00	FePeak=16:16	Exp #=97390	dt= 3.8s	XEN=927010
89/09/27, 16:15	Peak	16:33	Qual= 5	CaPeak.c/s=55	Wavelength=2788A	Rast=240"x240"	Cad= 262s
GOES						Pitch=0"	Pitch=+579", Yaw=-454"
BSC						Step=15"	Step=15"
FCS						Step=0"	Step=0"
UVSP							
Event # = 12146	DOY=270	End times	S23W79			Pitch=+360", Yaw=-880", Roll=2deg	H.Ang=82deg
89/09/27, 21:01	Peak	21:02:21	Qual=00	Peak...c/s=116	Tot Cts=1992		
GOES			Qual=01	Wavelength=1375A	Exp #=97397		
HXRBS							
UVSP							
Event # = 12145	DOY=270	End times	S23W79			Pitch=+360", Yaw=-880", Roll=2deg	H.Ang=82deg
89/09/27, 21:03	Peak	21:00:36	Qual=00	Peak...c/s=169	Tot Cts=2501		
GOES			Qual=01	CaPeak.c/s=298	FePeak=21:02		
HXRBS			Qual= 1	Wavelength=1375A	Exp #=97397		
BSC							
FCS							
UVSP							
Radio							
Event # = 23301	DOY=270	End times	Qual=00	FePeak=22:41	Exp #=97404	dt= 7.7s	XEN=927012
89/09/27, 22:26	Peak	23:14	Qual= 5	CaPeak.c/s=160	Wavelength=1375A	Rast=180"x180"	Cad= 332s
GOES						Pitch=+671", Yaw=-704"	Pitch=+671", Yaw=-704"
BSC							
FCS							
UVSP							
Event # = 12148	DOY=270	End times	S23W80			Pitch=+662", Yaw=-685", Roll=-20deg	H.Ang=83deg
89/09/27, 23:59	Peak	00:05	Qual=01	Importance=M2	Tot Cts=75288		
GOES			Qual=01	Peak...c/s=1477	FePeak=00:03		
HXRBS			Qual= 1	CaPeak.c/s=236	Exp #=97411		
BSC					4995/81 8800/32		
FCS					Event # = 12147		
UVSP					Tot Cts=162		
Radio					Exp #=97410		
Event # = 12149	DOY=271	End times	S23W80			Pitch=+662", Yaw=-685", Roll=-20deg	H.Ang=83deg
89/09/28, 01:55	Peak	01:55:53	Qual=00	Peak...c/s=38	Tot Cts=153		
GOES			Qual=01	Wavelength=1375A	Exp #=97420		
HXRBS							
UVSP							

Event # = 12150		SMM Pointing: S23W80		Pitch=+662", Yaw=-685", Roll=-20deg		H. Ang=83deg		
89/09/28, 02:12	DOY=271	End times						
Start	Peak							
GOES								
HXRBS	02:10:10	02:10:46	02:10:57	Qual=03	MaxkeV=102	#Peaks=3	dt= 7.7s	XEN=927100
BCS	01:22	02:12	02:17	Qual=01	FePeak.c/s=18	Step=10"	Cad= 332s	XEN=927100
FCS				Qual= 2	Rast=180"x180"	Step=5"	Pitch=+669", Yaw=-709"	
UVSP	02:05				Rast=110"x200"	Step=5"		
				WaveLength=1375A	Exp #=97422			
Event # = 23303		SMM Pointing: S22W83		Pitch=+651", Yaw=-701", Roll=-20deg		H. Ang=86deg		
89/09/28, 03:08	DOY=271	End times						
Start	Peak							
GOES								
BCS	02:55	03:08	03:49	Qual=00	FePeak.c/s=12	#Peaks=2	dt= 7.7s	XEN=927101
FCS				Qual= 4	Rast=180"x180"	Step=10"	Cad= 332s	XEN=927101
UVSP	03:01				Rast=110"x200"	Step=5"	Pitch=+655", Yaw=-720"	
				WaveLength=1375A	Exp #=97425			
Event # = 12151		SMM Pointing: S22W83		Pitch=+651", Yaw=-701", Roll=-20deg		H. Ang=86deg		
89/09/28, 03:36	DOY=271	End times						
Start	Peak							
Optical								
GOES	03:33	03:36	03:42	S21E80	Mac.=CK0	Carr. Lon.=61deg	H. Ang=83deg	
HXRBS	03:32:43	03:33:12	03:35:17	Qual=01	MaxkeV=232	Step=5"	Pitch=+658", Yaw=-688"	
UVSP	03:34			Qual=01	Rast=265"x265"	Step=5"		
Radio				Code=00				
				WaveLength=1375A	Exp #=97428			
				Frequency(MHz)/Flux(sfu):	606/51			
Event # = 12152		SMM Pointing: S22W83		Pitch=+651", Yaw=-701", Roll=-20deg		H. Ang=86deg		
89/09/28, 04:27	DOY=271	End times						
Start	Peak							
GOES								
HXRBS	04:25:13	04:25:38	04:26:06	Qual=01	MaxkeV=144	#Peaks=1	dt= 3.8s	XEN=927102
BCS	04:27	04:27	05:04	Qual=01	FePeak.c/s=11	Step=10"	Cad= 332s	XEN=927102
FCS				Qual= 5	Rast=180"x180"	Step=5"	Pitch=+658", Yaw=-688"	
UVSP	04:28				Rast=265"x265"	Step=5"		
				WaveLength=1375A	Exp #=97432			
Event # = 12153		SMM Pointing: S22W83		Pitch=+651", Yaw=-701", Roll=-20deg		H. Ang=86deg		
89/09/28, 05:07	DOY=271	End times						
Start	Peak							
GOES								
HXRBS	05:07:12	05:07:29	05:07:40	Qual=00	MaxkeV=144	#Peaks=1	dt= 7.7s	XEN=927103
BCS	05:07:12	05:07:29	05:07:40	Qual=01	FePeak.c/s=9	Step=15"	Cad= 262s	XEN=927103
UVSP	05:05				Rast=240"x200"	Step=5"	Pitch=+665", Yaw=-720"	
				WaveLength=1375A	Exp #=97437			



Event # = 23304														
89/09/28,06:08	Start	DOY=271	Peak	End times										
GOES	06:04	06:08	06:16	06:16	CaPeak.c/s=39	WaveLength=1375A	Qual=06	Qual=1	FePeak=06:08	Exp #=97442		FePeak.c/s=9	#Peaks=1	dt= 7.7s
BCS												Rast=180"x180"	Step=10"	Cad= 332s
FCS												Rast=10"x10"	Step=0"	Pitch=+655"
UVSP	06:04													Yaw=-700"
Event # = 12155														
89/09/28,06:45	Start	DOY=271	Peak	End times	SMM Pointing:		S22W83					Pitch=+651"	Yaw=-701"	H.Ang=86deg
GOES							Qual=06							
HXRBS	06:43:58	06:45:02	06:45:14	06:45:14	Peak...c/s=58	WaveLength=1375A	Qual=01		Tot Cts=755	Exp #=97448		MaxKeyV=144	Step=0"	Pitch=+675"
UVSP	06:45											Rast=10"x10"		Yaw=-680"
Event # = 12156														
89/09/28,08:23	Start	DOY=271	Peak	End times	SMM Pointing:		S22W83					Pitch=+651"	Yaw=-701"	H.Ang=86deg
GOES							Qual=02							
HXRBS	08:23:28	08:23:46	08:23:56	08:23:56	Peak...c/s=54	WaveLength=2788A	Qual=01		Tot Cts=143	Exp #=97449		MaxKeyV=102	Step=3"	Pitch=+658"
UVSP	07:33											Rast=243"x243"		Yaw=-688"
Radio Sweeps					Type/Intensity:	III/2								
Event # = 12617														
89/09/28,09:52	Start	DOY=271	Peak	End times	SMM Pointing:		S22W83					Pitch=+651"	Yaw=-701"	H.Ang=86deg
GOES							Qual=03							
HXRBS	09:46	09:52	09:59	09:59	Importance=C7		Qual=11		Tot Cts=1350	Exp #=97451		MaxKeyV=102	Flags=I,DG	XEN=927105
BCS	09:46:06	09:49:02	09:50:48	09:50:48	Peak...c/s=48		Qual=1		FePeak=09:50			Rast=180"x180"	Step=10"	Cad= 332s
FCS	09:49	09:50	09:56	09:56	CaPeak.c/s=293							Rast=180"x1"	Step=0"	Pitch=+530"
UVSP	09:48				WaveLength=2788A	Code=00								Yaw=-516"
Event # = 23305														
89/09/28,10:33	Start	DOY=271	Peak	End times										
GOES							Qual=00		FePeak=10:33	Exp #=97452		FePeak.c/s=8	#Peaks=1	dt= 7.7s
BCS	10:33	10:33	10:34	10:34	CaPeak.c/s=26		Qual=6					Rast=0"x0"	Step=0"	Cad=3840s
FCS												Rast=180"x1"	Step=0"	Pitch=+530"
UVSP	10:25				WaveLength=2788A									Yaw=-516"
Event # = 12618														
89/09/28,11:14	Start	DOY=271	Peak	End times										
GOES							Qual=00							
HXRBS	11:11:36	11:11:46	11:11:57	11:11:57	Peak...c/s=54		Qual=01		Tot Cts=234	Exp #=97453		MaxKeyV=102	Flags=I	XEN=927107
BCS	11:12	11:14	11:17	11:17	CaPeak.c/s=24		Qual=1		FePeak=11:12			FePeak.c/s=7	#Peaks=1	Cad= 262s
FCS												Rast=240"x240"	Step=15"	Pitch=+530"
UVSP	11:18				WaveLength=2788A							Rast=180"x1"	Step=0"	Yaw=-516"
Radio					Frequency(MHz)/Flux(sfu):	15400/78								

Event # = 12157  
89/09/28, 12:48 DOY=271  
Start Peak End times  
GOES 12:46:23 12:46:41 12:47:00 Peak...c/s=35 Qual=01  
HXRBs 12:47 12:48 12:53 CaPeak.c/s=27 Qual=01  
FCS 12:50 Wavelength=2788A Qual=1  
UVSP 12:50 Exp #=97455  
MaxkeV=102 dt= 7.7s XEN=927108  
FePeak.C/s=7 #Peaks=1 Cad= 262s 1.024s/pixel  
Rast=240"x240" Step=15" Pitch=0" Step=0" Rast=180"x1" Step=0" Carr. Lon.=50deg H. Ang=88deg  
Pitch=+530", Yaw=-516"

Event # = 12159  
89/09/28, 13:48 DOY=271  
Start Peak End times  
Optical  
GOES 13:41 13:48 13:53 Ha...Class=1B S19E85  
HXRBs 13:44:16 13:44:58 13:45:12 Importance=M4 Qual=02  
UVSP 13:27 Type/Intensity: III/2 V/2 Qual=03  
Radio Sweeps Wavelength=2788A Code=01  
Radio Frequency (MHz)/Flux(sfu): 606/150 2695/71  
Associated Event # = 12158  
HXRBs 13:41:23 13:41:52 13:42:01 Peak...c/s=36 Qual=01  
BCS 13:37 13:37 13:44 Associated Event # = 23306  
FCS 13:37 13:37 13:44 FePeak=13:37  
FePeak.C/s=7 #Peaks=1 dt= 7.7s XEN=927109  
Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel

89/09/29 DOY=272  
Event # = 12160  
89/09/29, 00:42 DOY=272  
Start Peak End times  
GOES 00:25 00:42 00:56 SMM Pointing: S15E84  
HXRBs 00:53:39 00:53:50 00:54:11 Importance=C9 Qual=05  
UVSP 00:40 Peak...c/s=35 Qual=01  
Wavelength=1375A Code=00  
MaxkeV=102  
Rast=265"x265" Step=5" Pitch=-61", Yaw=+968"

Event # = 12161  
89/09/29, 01:08 DOY=272  
Start Peak End times  
GOES 01:08:06 01:08:13 01:09:12 SMM Pointing: S15E84  
HXRBs 01:08:06 01:08:13 01:09:12 Peak...c/s=74 Qual=03  
UVSP 01:01 Wavelength=1375A Qual=01  
MaxkeV=102  
Rast=110"x200" Step=5" Pitch=+16", Yaw=+1001"

Event # = 12162  
89/09/29, 02:40 DOY=272  
Start Peak End times  
GOES 02:40:35 02:40:51 02:41:03 SMM Pointing: S16E52  
HXRBs 02:40:35 02:40:51 02:41:03 Peak...c/s=39 Qual=00  
UVSP 02:32 Wavelength=1375A Qual=01  
MaxkeV=102  
Rast=110"x200" Step=5" Pitch=+113", Yaw=+843"

Event # = 12163  
89/09/29, 05:17 DOY=272  
Start Peak End times  
GOES 05:17:10 05:17:47 05:18:05 SMM Pointing: S16E51  
HXRBs 05:17:10 05:17:47 05:18:05 Peak...c/s=51 Qual=00  
UVSP 05:15 Wavelength=1375A Qual=01  
MaxkeV=102  
Rast=265"x265" Step=5" Pitch=+74", Yaw=+797"

Event # = 12164	DOY=272	S16E51	Pitch=+64", Yaw=+789", Roll=-20deg	H. Ang=56deg
89/09/29, 05:21	Peak			
GOES	End times			
HXRBS	05:20:46 05:21:07 05:21:19	Qual=00	MaxkeV=102	
UVSP	05:18	Qual=01	Rast=110"x200"	Pitch=+121", Yaw=+830"
			Tot Cts=186	
			Exp #=97505	
Event # = 12166	DOY=272	S16E49	Pitch=+75", Yaw=+769", Roll=-20deg	H. Ang=54deg
89/09/29, 10:04	Peak			
GOES	End times			
HXRBS	10:00 10:04 10:10	Qual=01	MaxkeV=102	
UVSP	09:59:44 10:00:06 10:00:31	Qual=01	Rast=180"x1"	Pitch=-41", Yaw=+689"
			Tot Cts=290	
			Exp #=97521	
Event # = 12165	DOY=272	S16E48	Pitch=+80", Yaw=+759", Roll=-20deg	H. Ang=53deg
89/09/29, 11:33	Peak			
Optical	End times			
GOES	10:47 11:33 14:35	S27W90	Mac.=HKX	Carr. Lon.=213deg
HXRBS	11:33:13 11:33:14 13:26:33	Qual=04	MaxkeV=860	Flags=M5, EN, IN, SA, IS
GRS	11:33:00 11:54:00	Qual=14		Dur=1260sec
UVSP	11:46		Rast=180"x1"	Step=0" Pitch=-37", Yaw=+680"
Radio	Frequency(MHz)/Flux(sfu):	245/6800 410/9000 606/3700 1415/5600 2695/6800 4995/18000 8800/15000 15400/6100		
Event # = 12167	DOY=272	S16E46	Pitch=+92", Yaw=+736", Roll=-20deg	H. Ang=51deg
89/09/29, 15:12	Peak			
HXRBS	15:12:44 15:12:46 15:12:58	Qual=01	MaxkeV=369	Flags=NS, GB
UVSP	15:28		Rast=180"x1"	Step=0" Pitch=-26", Yaw=+660"
			Tot Cts=165	
			Exp #=97528	
Event # = 23307	DOY=272			
89/09/29, 19:05	Peak			
GOES	End times			
BGS	19:01 19:05 19:08	Qual=03	FePeak.c/s=9	#Peaks=1 dt= 7.7s XEN=927200
FCS		Qual= 2	Rast=0"x0"	Step=0" Cad=3840s 3840s/pixel
UVSP	18:43		Rast=243"x243"	Step=3" Pitch=+381", Yaw=+627"
			Exp #=97532	
Event # = 23308	DOY=272			
89/09/29, 19:22	Peak			
Optical	End times			
GOES	19:18 19:22 19:26	S15E29	Mac.=BX0	Carr. Lon.=90deg
BGS	19:28 19:28 19:33	Qual=05	FePeak.c/s=7	#Peaks=1 dt= 7.7s XEN=927201
FCS		Qual= 5	Rast=0"x0"	Step=0" Cad=3840s 3840s/pixel
UVSP	18:43		Rast=243"x243"	Step=3" Pitch=+381", Yaw=+627"
			Exp #=97532	
Event # = 12619	DOY=272	S16E42	Pitch=+375", Yaw=+604", Roll=3deg	H. Ang=48deg
89/09/29, 20:52	Peak			
GOES	End times			
HXRBS	20:48:28 20:49:20 20:52:19	Qual=01	MaxkeV=322	Flags=I
BGS	20:50 20:51 21:01	Qual= 1	FePeak.c/s=74	#Peaks=1 dt= 3.8s XEN=927202
FCS			Rast=0"x0"	Step=0" Cad=3840s 3840s/pixel
UVSP	20:51		Rast=265"x265"	Step=5" Pitch=+382", Yaw=+613"
Radio	Frequency(MHz)/Flux(sfu):	245/600 410/50 606/31 1415/32 2695/34 4995/98 8800/64 15400/34		

Event # = 23309  
 89/09/29, 21:52 DOY=272  
 Start Peak End times  
 GOES 21:49 21:52 22:02 Qual=01  
 BCS CaPeak.c/s=37 FePeak=21:52 Qual=1  
 FCS Wavelength=1375A Exp #=97542  
 UVSP dt= 3.8s XEN=927203  
 Step=0" Cad=3840s 3840s/pixel  
 Step=5" Pitch=+157", Yaw=+739"

89/09/30 DOY=273  
 Start Peak End times  
 S16E39 SMM Pointing: Pitch=+127", Yaw=+664", Roll=-20deg H. Ang=45deg  
 Optical Mac.=FHO Carr. Lon.=79deg H. Ang=42deg  
 GOES 02:45 02:59 04:00 S18E35 Ha...Class=2N MaxkeV=188  
 HXRBS 02:44:05 02:49:14 03:01:11 AR5712 Importance=M2 #Peaks=1  
 BCS 02:36 02:56 03:13 CaPeak.c/s=1456 Qual=01 Tot Cts=56500 dt= 7.7s XEN=927300  
 FCS CaPeak.c/s=1456 Qual=1 FePeak=02:55 Step=0" Cad=3840s 3840s/pixel  
 UVSP Wavelength=1375A Code=00 Exp #=97572 Step=1" Pitch=+137", Yaw=+629"  
 Radio Frequency (MHz)/Flux(sfu): 1415/48 2695/66 4995/69 8800/36 15400/40  
 BCS 03:51 03:53 04:44 Associated Event # = 23310  
 FCS CaPeak.c/s=73 Qual=5 FePeak=03:59  
 UVSP Wavelength=1375A Exp #=97575

Event # = 12621  
 89/09/30, 05:56 DOY=273  
 Start Peak End times  
 S16E37 SMM Pointing: Pitch=+136", Yaw=+644", Roll=-20deg H. Ang=43deg  
 GOES 05:54:55 05:56:34 06:01:18 Qual=06  
 HXRBS Peak...c/s=94 Qual=01 Tot Cts=4520  
 UVSP Wavelength=1375A Exp #=97585  
 Radio Sweeps Type/Intensity: III/I  
 Radio Frequency (MHz)/Flux(sfu): 410/19 2695/27 4995/42 8800/58 15400/41

Event # = 12622  
 89/09/30, 06:07 DOY=273  
 Start Peak End times  
 S16E37 SMM Pointing: Pitch=+136", Yaw=+644", Roll=-20deg H. Ang=43deg  
 Optical Mac.=CAO Carr. Lon.=51deg H. Ang=61deg  
 GOES 06:02:15 06:07:39 06:12:34 N15E62 Ha...Class=SN  
 HXRBS Peak...c/s=150 Qual=01 Tot Cts=16700  
 UVSP Wavelength=1375A Exp #=97585  
 Radio Frequency (MHz)/Flux(sfu): 410/19 2695/27 4995/42 8800/58 15400/41

89/10/01 DOY=274  
 Start Peak End times  
 S16E27 SMM Pointing: Pitch=+355", Yaw=+424", Roll=0deg H. Ang=35deg  
 GOES 00:07 00:36 01:23 Qual=03  
 HXRBS 00:06:52 00:08:53 00:15:49 Importance=C7  
 UVSP Peak...c/s=51 Qual=01 Tot Cts=4674  
 Radio Frequency (MHz)/Flux(sfu): 245/490 Wavelength=2788A Code=00 Exp #=97615  
 Step=0" Pitch=+237", Yaw=+349"

Event # = 23311	DOY=274																					
89/10/01, 18:21	Peak																					
Optical																						
GOES	18:21	18:38	Ha...Class=SF	S19E05	AR5708																	
BCS	18:20	18:27	Importance=C3	Qual=03																		
FCS			CaPeak.c/s=21	Qual=4	FePeak=18:20																	
UVSP	17:56		Wavelength=2788A	Code=01	Exp #=97637																	
89/10/02 DOY=275																						
Event # = 23312	DOY=275																					
89/10/02, 01:49	Peak																					
GOES	01:44	01:56	CaPeak.c/s=22	Qual=00	FePeak=01:50																	
BCS				Qual=4																		
FCS																						
UVSP	01:33		Wavelength=2788A		Exp #=97647																	
89/10/02 DOY=275																						
Event # = 12623	DOY=275																					
89/10/02, 09:16	Peak																					
Optical																						
GOES	08:40	09:16	Ha...Class=IF	S16E10																		
HXRBS	08:40:07	08:40:19	Importance=M2	Qual=02																		
UVSP	09:23		Peak...c/s=43	Qual=11	Tot Cts=209																	
			Wavelength=1375A	Code=02	Exp #=97664																	
				Associated	Event # = 23313																	
BCS	09:47	09:48	CaPeak.c/s=190	Qual=5	FePeak=09:48																	
FCS																						
UVSP	09:27		Wavelength=1375A		Exp #=97665																	
				Associated	Event # = 23314																	
BCS	11:22	11:44	CaPeak.c/s=28	Qual=5	FePeak=11:23																	
FCS																						
UVSP	10:58		Wavelength=1375A		Exp #=97667																	
89/10/03 DOY=276																						
Event # = 23315	DOY=276																					
89/10/03, 21:01	Peak																					
Optical																						
GOES	21:01	21:02	Ha...Class=SF	N28E76	AR5721																	
BCS				Qual=03																		
FCS			CaPeak.c/s=18	Qual=4	FePeak=21:01																	
UVSP	21:16		Wavelength=2788A		Exp #=97724																	
89/10/04 DOY=277																						
Event # = 23316	DOY=277																					
89/10/04, 16:26	Peak																					
GOES	16:20	16:40	CaPeak.c/s=60	Qual=00	FePeak=16:23																	
BCS				Qual=4																		
FCS																						
UVSP	16:25		Wavelength=2788A		Exp #=97748																	

Event # = 23317	89/10/04, 16:57		D0Y=277	Peak		End times			
GOES	16:57	16:57	16:57	17:06	17:06	Qual=00	Qual=5	FePeak=16:57	FePeak.c/s=5
BCS						CaPeak.c/s=22			Rast=240"x240"
FCS						Wavelength=2788A		Exp #=97748	Step=15"
UVSP	16:25								Step=3"
									Pitch=-384", Yaw=+699"
Event # = 12624	89/10/04, 20:13		D0Y=277	Peak		End times		H. Ang=54deg	
GOES	20:13	20:13	20:13	20:14	20:14	SMM Pointing: N28E53			Pitch=-390", Yaw=+676", Roll=0deg
HXRBS	20:13	20:13	20:13	20:14	20:14	Peak...c/s=38	Qual=00	Tot Cts=324	MaxkeV=102
UVSP	20:11					Wavelength=2788A	Qual=01	Exp #=97753	Rast=180"x1"
									Step=0" Pitch=-255", Yaw=+853"
Event # = 12170	89/10/05		D0Y=278	Peak		End times		H. Ang=50deg	
GOES	03:26	03:26	03:26	03:27	03:27	SMM Pointing: N28E48			Pitch=-304", Yaw=+676", Roll=7deg
HXRBS	03:26	03:26	03:26	03:27	03:27	Peak...c/s=38	Qual=01	Tot Cts=88	MaxkeyV=633
UVSP	03:48					Wavelength=2788A		Exp #=97763	Rast=180"x1"
									Step=0" Pitch=-170", Yaw=+857"
Event # = 22454	89/10/05, 03:33		D0Y=278	Peak		End times		H. Ang=58deg	
GOES	03:15	03:15	03:33	03:53	03:53	CaPeak.c/s=115	Qual=00	FePeak=03:52	dt= 7.7s XEN=927800
BCS						Wavelength=2788A	Qual=3	Exp #=97766	Step=15" Cad= 262s XEN=927801
FCS									Step=0" Pitch=-170", Yaw=+857"
UVSP	03:48								
Event # = 23318	89/10/05, 07:04		D0Y=278	Peak		End times		H. Ang=47deg	
Optical	06:32	06:32	07:04	07:45	07:45	Ha...Class=SF	N15E59		Carr. Lon.=347deg
GOES	06:46	06:46	06:46	06:56	06:56	Importance=C4	Qual=02	FePeak=06:54	#Peaks=1 dt= 7.7s XEN=927801
BCS						CaPeak.c/s=18	Qual=4	Exp #=97766	Step=15" Cad= 262s XEN=927802
UVSP	06:09					Wavelength=2788A	Code=00		Step=3" Pitch=-375", Yaw=+630"
Event # = 12169	89/10/05, 12:13		D0Y=278	Peak		End times		H. Ang=47deg	
Optical	12:10	12:10	12:10	12:11	12:11	SMM Pointing: N28E44			Pitch=-379", Yaw=+589", Roll=0deg
Optical	12:13	12:13	12:13	12:16	12:16	Ha...Class=1F	N30E43	AR5721	Mac.=FAI Carr. Lon.=0deg H. Ang=47deg
GOES	12:10	12:10	12:10	12:11	12:11	Ha...Class=SF	S25E59	AR5729	Carr. Lon.=344deg H. Ang=65deg
HXRBS	12:10	12:10	12:10	12:11	12:11	Peak...c/s=46	Qual=01	Tot Cts=177	MaxkeV=102
BCS	12:13	12:13	12:13	12:16	12:16	CaPeak.c/s=120	Qual=5	FePeak=12:13	FePeak.c/s=13 dt= 3.8s XEN=927802
FCS						Wavelength=1375A		Exp #=97773	Step=15" Cad= 262s XEN=927802
UVSP	12:16								Step=5" Pitch=-371", Yaw=+596"

Event # = 23319		DOY=278																			
89/10/05,12:44	Start	12:44	Peak	12:44	End times	13:03		12:44	FePeak=12:44	Qual=00		12:44	FePeak=12:44	Qual=5		12:44	FePeak=12:44	Qual=5		12:44	FePeak=12:44
GOES		12:43		12:44		13:03		12:44		Qual=00		12:44		Qual=5		12:44		Qual=5		12:44	
BCS		12:43		12:44		13:03		12:44		Qual=00		12:44		Qual=5		12:44		Qual=5		12:44	
FCS		12:43		12:44		13:03		12:44		Qual=00		12:44		Qual=5		12:44		Qual=5		12:44	
UVSP		12:18		12:44		13:03		12:44		Qual=00		12:44		Qual=5		12:44		Qual=5		12:44	
SMM Pointing:		N28E43																			
89/10/05,13:43	Start	13:43	Peak	13:43	End times	13:52		13:43	AR5716	N10W08		13:43	AR5716	N10W08		13:43	AR5716	N10W08		13:43	AR5716
Optical		13:36		13:43		13:52		13:43		Qual=03		13:43		Qual=03		13:43		Qual=03		13:43	
GOES		13:36		13:43		13:52		13:43		Qual=03		13:43		Qual=03		13:43		Qual=03		13:43	
HXRBS		13:39:12		13:39:20		13:40:36		13:39:20		Qual=01		13:39:20		Qual=01		13:40:36		Qual=01		13:40:36	
UVSP		13:47		13:39:20		13:40:36		13:39:20		Qual=01		13:39:20		Qual=01		13:40:36		Qual=01		13:40:36	
Radio		Frequency (MHz)/Flux(sfu):		245/130				245/130		Code=02		245/130		Code=02				Code=02			
SMM Pointing:		N28E43																			
89/10/05,14:22	Start	14:22	Peak	14:22	End times	14:34		14:22	FePeak=14:21	Qual=00		14:22	FePeak=14:21	Qual=8		14:22	FePeak=14:21	Qual=8		14:22	FePeak=14:21
GOES		14:18		14:22		14:34		14:22		Qual=00		14:22		Qual=8		14:22		Qual=8		14:22	
BCS		14:18		14:22		14:34		14:22		Qual=00		14:22		Qual=8		14:22		Qual=8		14:22	
FCS		14:18		14:22		14:34		14:22		Qual=00		14:22		Qual=8		14:22		Qual=8		14:22	
UVSP		13:51		14:22		14:34		14:22		Qual=00		14:22		Qual=8		14:22		Qual=8		14:22	
SMM Pointing:		N28E43																			
89/10/05,19:12	Start	19:12	Peak	19:12	End times	19:35		19:12	AR5721	N30E39		19:12	AR5721	N30E39		19:12	AR5721	N30E39		19:12	AR5721
Optical		18:34		19:12		19:35		19:12		Qual=03		19:12		Qual=03		19:12		Qual=03		19:12	
GOES		18:34		19:12		19:35		19:12		Qual=03		19:12		Qual=03		19:12		Qual=03		19:12	
BCS		18:36		19:08		19:10		19:08		Qual=2		19:08		Qual=2		19:10		Qual=2		19:10	
FCS		18:36		19:08		19:10		19:08		Qual=2		19:08		Qual=2		19:10		Qual=2		19:10	
UVSP		19:06		19:08		19:10		19:08		Qual=2		19:08		Qual=2		19:10		Qual=2		19:10	
SMM Pointing:		N28E43																			
89/10/06,02:10	Start	02:10	Peak	02:10	End times	02:20		02:10	FePeak=02:10	Qual=00		02:10	FePeak=02:10	Qual=6		02:10	FePeak=02:10	Qual=6		02:10	FePeak=02:10
GOES		02:10		02:10		02:20		02:10		Qual=00		02:10		Qual=6		02:10		Qual=6		02:10	
BCS		02:10		02:10		02:20		02:10		Qual=00		02:10		Qual=6		02:10		Qual=6		02:10	
FCS		02:10		02:10		02:20		02:10		Qual=00		02:10		Qual=6		02:10		Qual=6		02:10	
UVSP		01:47		02:10		02:20		02:10		Qual=00		02:10		Qual=6		02:10		Qual=6		02:10	
SMM Pointing:		N28E43																			
89/10/06,06:50	Start	06:50	Peak	06:50	End times	06:54		06:50	FePeak=06:50	Qual=05		06:50	FePeak=06:50	Qual=5		06:50	FePeak=06:50	Qual=5		06:50	FePeak=06:50
GOES		06:50		06:50		06:54		06:50		Qual=05		06:50		Qual=5		06:50		Qual=5		06:50	
BCS		06:50		06:50		06:54		06:50		Qual=05		06:50		Qual=5		06:50		Qual=5		06:50	
FCS		06:50		06:50		06:54		06:50		Qual=05		06:50		Qual=5		06:50		Qual=5		06:50	
UVSP		06:39		06:50		06:54		06:50		Qual=05		06:50		Qual=5		06:50		Qual=5		06:50	
SMM Pointing:		N28E43																			

Event # = 23324	89/10/06, 14:20		DOY=279	Peak	End times			
Optical	Start	14:17	14:20	14:21	Ha...Class=IF	N27E29	AR5721	
GOES					CaPeak.c/s=29	Qual=02		Mac.=FAI
BCS					Wavelength=1375A	Qual= 2	FePeak=14:20	Carr. Lon.=0deg
FCS							Exp #=97808	H. Ang.=34deg
UVSP								#Peaks=1 dt= 7.7s XEN=927902
								Step=15" Cad= 262s 1.024s/pixel
								Step=5" Pitch=-391" ,Yaw=+449"
Event # = 12172	89/10/06, 17:49		DOY=279	Peak	SMM Pointing:			
Optical	Start	17:44	17:49	17:54	Ha...Class=SF	N30E30	AR5721	
GOES					Importance=C3	N28E27		Pitch=-397" ,Yaw=+414" ,Roll=0deg
HXRBS					Peak...c/s=47	Qual=01		Mac.=FAI
BCS					CaPeak.c/s=61	Qual= 1	Tot Cts=309	Carr. Lon.=0deg
FCS					Wavelength=1375A	Code=00	FePeak=17:47	H. Ang.=33deg
UVSP							Exp #=97817	MaxkeV=102
								FePeak.c/s=15 dt= 3.8s XEN=927903
								Step=10" Cad= 332s 1.024s/pixel
								Step=5" Pitch=-388" ,Yaw=+499"
Event # = 23325	89/10/07, 04:12		DOY=280	Peak	End times			
Optical	Start	04:05	04:12	04:24	CaPeak.c/s=29	Qual=00	AR5721	
GOES					Wavelength=1375A	Qual= 4		Mac.=FAI
BCS							FePeak=04:05	Carr. Lon.=0deg
FCS							Exp #=97841	H. Ang.=33deg
UVSP								MaxkeV=102
								FePeak.c/s=1 dt= 7.7s XEN=928000
								Step=10" Cad= 332s 1.024s/pixel
								Step=0" Pitch=-359" ,Yaw=+443"
Event # = 23326	89/10/07, 04:41		DOY=280	Peak	End times			
Optical	Start	04:36	04:41	04:43	CaPeak.c/s=20	Qual=00	AR5721	
GOES					Wavelength=1375A	Qual= 4		Mac.=FAI
BCS							FePeak=04:42	Carr. Lon.=0deg
FCS							Exp #=97845	H. Ang.=33deg
UVSP								MaxkeV=102
								FePeak.c/s=8 dt= 7.7s XEN=928001
								Step=10" Cad= 332s 1.024s/pixel
								Step=0" Pitch=-328" ,Yaw=+420"
Event # = 23327	89/10/07, 05:41		DOY=280	Peak	End times			
Optical	Start	05:41	05:41	05:59	CaPeak.c/s=29	Qual=06	AR5721	
GOES					Wavelength=1375A	Qual= 5		Mac.=FAI
BCS							FePeak=05:41	Carr. Lon.=0deg
FCS							Exp #=97850	H. Ang.=33deg
UVSP								MaxkeV=102
								FePeak.c/s=7 dt= 7.7s XEN=928002
								Step=15" Cad= 262s 1.024s/pixel
								Step=0" Pitch=-388" ,Yaw=+462"
Event # = 12625	89/10/09, 02:18		DOY=282	Peak	End times			
Optical	Start	01:53	02:18	02:44	Ha...Class=SF	N18E27	AR5728	
GOES					Importance=C4	Qual=03		Mac.=CAO
HXRBS					Peak...c/s=50	Qual=01	Tot Cts=3290	Carr. Lon.=329deg
UVSP					Wavelength=2788A		Exp #=97923	H. Ang.=29deg
								Flags=I
								Step=0" Pitch=-252" ,Yaw=-74"



Event # = 12626	DOY=282	End times			Qual=00			Flags=I			Pitch=-252",Yaw=-50"		
89/10/09,03:12	Peak				Qual=01					MaxkeV=144			
GOES					Peak...c/s=58					Rast=180"x1"			
HXRBS	03:12:25	03:12:49	03:14:15		Wavelength=2788A					Tot Cts=946			
UVSP	03:03									Exp #=97924			
-----													
Event # = 12173	DOY=282	End times			N30W65			Carr. Lon.=49deg			H. Ang=65deg		
89/10/09,23:32	Peak				Qual=00					MaxkeV=102			
Optical					Ha...Class=SF					Rast=180"x1"			
GOES	23:31:55	23:32:04	23:32:56		Peak...c/s=35					Tot Cts=122			
HXRBS	23:31:55	23:32:04	23:32:56		Wavelength=2788A					Exp #=97987			
UVSP	23:43									Step=0			
-----													
Event # = 12174	DOY=283	End times			N32E05			Carr. Lon.=337deg			H. Ang=26deg		
89/10/10,04:02	Peak				Qual=01					MaxkeV=144			
Optical					Ha...Class=SF					Rast=243"x243"			
GOES	03:59	04:02	04:07		Importance=C3					Tot Cts=1605			
HXRBS	03:58:13	04:00:38	04:01:25		Peak...c/s=47					Exp #=97992			
UVSP	03:36				Wavelength=2788A					Step=3			
Radio	Frequency (MHz)/Flux(sfu):				245/520 606/1								
-----													
Event # = 12176	DOY=283	End times			Qual=03			Flags=SA			Pitch=-387",Yaw=-160"		
89/10/10,07:21	Peak				Qual=01					MaxkeV=144			
GOES	07:12	07:21	07:25		Importance=C4					Rast=10"x10"			
HXRBS	07:17:31	07:19:52	07:22:22		Peak...c/s=39					Tot Cts=1308			
UVSP	07:09				Wavelength=1375A					Exp #=98008			
-----	07:11:26	07:12:44	07:13:30		Associated					Event # = 12175			
HXRBS	07:11:26	07:12:44	07:13:30		Qual=01					Tot Cts=470			
-----													
Event # = 12177	DOY=283	End times			Qual=01			Flags=SA			Pitch=+398",Yaw=+242"		
89/10/10,08:24	Peak				Qual=02					MaxkeV=102			
GOES	08:19	08:24	08:30		Importance=C4					Rast=70"x70"			
HXRBS	08:20:02	08:20:18	08:20:51		Peak...c/s=78					Tot Cts=1137			
UVSP	08:15				Wavelength=1375A					Exp #=98012			
-----													
Event # = 12178	DOY=283	End times			Qual=01			dt= 3.8s			XEN=928300		
89/10/10,20:32	Peak				Qual=01					FePeak.c/s=15			
GOES	20:28	20:32	20:35		Importance=C2					Rast=180"x180"			
HXRBS*	20:29:16	20:30:01	20:30:54		Peak...c/s=201					#Peaks=1			
BGS	20:31	20:31	20:35		CaPeak.c/s=55					Step=10"			
FCS										Step=0"			
UVSP	20:10				Wavelength=2788A					Exp #=98027			
Radio	Frequency (MHz)/Flux(sfu):				410/330 606/97 2695/51								
-----													

89/10/11 DOY=284

Event # = 12179  
89/10/11, 01:22 DOY=284  
Start Peak End times  
GOES 01:18 01:22 01:24 Importance=C2 Qual=01  
HXRBs\* 01:19:28 01:20:27 01:20:42 Peak...c/s=51 Qual=01  
BCS 01:20 01:21 01:24 CaPeak.c/s=40 Qual= 1  
FCS  
UVSP 01:39 Wavelength=2788A Exp #=98034  
#Peaks=1 dt= 7.7s XEN=928400  
Step=15" Cad= 262s 1.024s/pixel  
Step=0" Pitch=+110", Yaw=+862"

Event # = 12627  
89/10/11, 02:38 DOY=284  
Start Peak End times  
Optical  
GOES  
HXRBs\* 02:33:03 02:33:08 02:33:48 Ha...Class=SN N36W00 AR5725 Carr. Lon.=330deg H. Ang=30deg  
BCS 02:38 02:38 02:42 Peak...c/s=133 Qual=01 MaxkeyV=88 FePeak.c/s=11  
FCS CaPeak.c/s=21 Qual= 4 Rast=240" x240" dt= 7.7s XEN=928401  
UVSP 02:16 Wavelength=2788A Exp #=98035 #Peaks=1 Step=15" Cad= 262s 1.024s/pixel  
Radio Frequency(MHz)/Flux(sfu): 245/760 410/95 Rast=180" x1" Pitch=+110", Yaw=+862"

Event # = 12180  
89/10/11, 04:55 DOY=284  
Start Peak End times  
Optical  
GOES 04:40 04:55 05:30 Ha...Class=IN N28W19 Carr. Lon.=347deg H. Ang=28deg  
HXRBs\* 04:42:21 04:43:25 04:45:35 Ha...Class=SF N36E01 Carr. Lon.=327deg H. Ang=30deg  
UVSP 04:45 Peak...c/s=79 Qual=01 MaxkeyV=62 FePeak.c/s=7  
Rast=180" x1" Pitch=+110", Yaw=+862"

Event # = 12182  
89/10/11, 22:38 DOY=284  
Start Peak End times  
GOES  
HXRBs\* 22:36:07 22:38:11 22:38:42 Peak...c/s=66 Qual=00 Carr. Lon.=347deg H. Ang=28deg  
UVSP 22:59 Wavelength=2788A Exp #=98076 #Peaks=1 Step=0" Pitch=+185", Yaw=+814"

Event # = 12181  
89/10/11, 23:07 DOY=284  
Start Peak End times  
GOES  
HXRBs\* 22:28:46 22:29:48 22:30:53 Peak...c/s=275 Qual=00 Carr. Lon.=347deg H. Ang=28deg  
BCS 22:14 23:07 23:10 CaPeak.c/s=107 Qual= 6 MaxkeyV=88 FePeak.c/s=14 dt= 7.7s XEN=928402  
FCS 23:08 Rast=180" x1" Pitch=+110", Yaw=+862"  
UVSP 22:59 Wavelength=2788A Exp #=98076 #Peaks=1 Step=0" Pitch=+185", Yaw=+814"  
Radio Sweeps Type/Intensity: III/2  
Radio Frequency(MHz)/Flux(sfu): 1415/18 2695/53 4995/44

Event # = 23328  
89/10/11, 23:38 DOY=284  
Start Peak End times  
GOES 23:32 23:38 23:47 Importance=C3 Qual=05  
BCS 23:45 23:46 23:57 CaPeak.c/s=32 Qual= 5 FePeak=23:46  
FCS Wavelength=2788A Code=00 Exp #=98077  
UVSP 23:37

89/10/12 DOY=285

Event # = 12183  
 89/10/12, 03:29 DOY=285  
 Start Peak End times  
 GOES 03:24 03:32 03:32  
 HXRBS\* 03:22:34 03:22:46 03:23:37  
 UVSP 03:34  
 Radio Sweeps  
 Radio Frequency (MHz)/Flux(sfu): 245/420  
 Importance=C2 Qual=03  
 Peak...c/s=62 Qual=01 MaxkeV=88  
 Wavelength=2788A Code=02 Exp #=98082 Rast=180"x1"  
 III/1 Step=0" Pitch=+249", Yaw=+779"  
 Type/Intensity:  
 Radio Frequency (MHz)/Flux(sfu): 245/420

Event # = 12185  
 89/10/12, 09:32 DOY=285  
 Start Peak End times  
 Optical  
 GOES  
 HXRBS\* 09:31:49 09:32:20 09:33:11 Carr. Lon. = -268deg H. Ang = 45deg  
 UVSP 09:02  
 Radio Sweeps  
 Radio Frequency (MHz)/Flux(sfu): 245/680 410/150 606/240  
 III/2  
 Associated  
 Qual=01  
 Ha...Class=SF AR5736 Mac. = CAO  
 Peak...c/s=69 Peak...c/s=69 Qual=01  
 Wavelength=1375A  
 III/2  
 245/680 410/150 606/240  
 Peak...c/s=60  
 Event # = 12184  
 Total Cts=1052  
 Exp #=98089  
 Rast=70"x70" Step=5" Pitch=+322", Yaw=+869"  
 MaxkeV=114  
 Carr. Lon. = -268deg H. Ang = 45deg  
 Step=5" Pitch=+322", Yaw=+869"  
 MaxkeV=114

Event # = 23329  
 89/10/12, 15:08 DOY=285  
 Start Peak End times  
 Optical  
 GOES 15:01 15:08 15:25  
 BCS 15:01 15:10 15:52  
 FCS  
 UVSP 15:08  
 Ha...Class=SF AR5726 Mac. = AX  
 Importance=C4  
 CaPeak.c/s=145 FePeak.c/s=24 dt= 7.7s XEN=928500  
 Wavelength=1375A Code=02 Exp #=98097 Step=10" Cad= 332s 1.024s/pixel  
 Carr. Lon. = -355deg H. Ang = 49deg  
 FePeak.c/s=24 dt= 7.7s XEN=928500  
 Rast=180"x180" Cad= 332s 1.024s/pixel  
 Step=5" Pitch=+327", Yaw=+849"

Event # = 23330  
 89/10/12, 16:55 DOY=285  
 Start Peak End times  
 GOES 16:43 16:55 17:23  
 BCS 16:55 17:06  
 FCS  
 UVSP 16:39  
 Qual=00  
 Qual=1  
 FePeak=16:55  
 Exp #=98099  
 FePeak.c/s=9 dt= 7.7s XEN=928501  
 Rast=240"x240" Cad= 262s 1.024s/pixel  
 Step=5" Pitch=+328", Yaw=+843"

Event # = 23331  
 89/10/12, 18:13 DOY=285  
 Start Peak End times  
 GOES 18:10 18:13 18:19  
 BCS 18:10 18:13 18:19  
 FCS  
 UVSP 17:55  
 Qual=00  
 Qual=1  
 FePeak=18:11  
 Exp #=98100  
 FePeak.c/s=7 dt= 7.7s XEN=928502  
 Rast=180"x180" Cad= 332s 1.024s/pixel  
 Step=0" Pitch=+326", Yaw=+695"

Event # = 12186  
 89/10/12, 18:56 DOY=285  
 Start Peak End times  
 Optical  
 GOES 18:53 18:56 18:58  
 HXRBS\* 18:54:15 18:54:23 18:54:40 Carr. Lon. = 245deg H. Ang = 65deg  
 UVSP 18:48  
 Wavelength=2788A Code=00  
 Total Cts=137  
 Exp #=98101  
 Rast=180"x1" Step=0" Pitch=+327", Yaw=+691"  
 Mac. = EAI  
 MaxkeV=62  
 Carr. Lon. = 245deg H. Ang = 65deg  
 Step=0" Pitch=+327", Yaw=+691"

Event # = 12187  
 89/10/12,23:27 DOY=285  
 Start Peak End times  
 GOES HXRBS\* 23:25:08 23:25:54 23:26:09 Peak...c/s=53 Qual=03  
 BCS 23:22 23:27 23:29 CaPeak.c/s=37 Qual=01  
 FCS  
 UVSP 23:24 Wavelength=2788A Exp #=98107  
 Radio Sweeps Type/Intensity: III/2  
 MaxkeV=114  
 FePeak.c/s=11  
 Rast=180"x180" dt= 7.7s XEN=928503  
 Rast=180"x1" Step=10" Cad= 332s 1.024s/pixel  
 Step=0" Pitch=+437",Yaw=+592"

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Event # = 23332  
 89/10/13,00:00 DOY=286  
 Start Peak End times  
 Optical N17W36 AR5745 Carr. Lon.=341deg H. Ang=37deg  
 GOES 23:38 00:00 01:03 Ha...Class=2N Qual=05  
 BCS 00:26 00:29 00:37 Importance=M1 Qual= 4  
 FCS CaPeak.c/s=22 FePeak=00:27  
 UVSP 00:01 Wavelength=2788A Code=02 Exp #=98108  
 Wavelength=2788A  
 FePeak.c/s=5  
 Rast=240"x240" Step=15" XEN=928600  
 Rast=180"x1" Step=0" Pitch=+437",Yaw=+589"

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Event # = 12188  
 89/10/13,01:59 DOY=286  
 Start Peak End times  
 GOES HXRBS\* 02:00:16 02:00:30 02:01:47 Peak...c/s=45 Qual=00  
 BCS 01:44 01:59 02:31 CaPeak.c/s=76 Qual= 1  
 FCS Wavelength=2788A Exp #=98110  
 UVSP 01:32 Wavelength=2788A  
 MaxkeV=88  
 FePeak.c/s=10  
 Rast=180"x180" dt= 7.7s XEN=928601  
 Rast=180"x1" Step=2" Cad= 332s 1.024s/pixel  
 Step=0" Pitch=+436",Yaw=+582"

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Event # = 23333  
 89/10/13,03:05 DOY=286  
 Start Peak End times  
 GOES 02:55 03:05 03:19 Importance=M1 Qual=05  
 BCS 03:19 03:20 03:23 CaPeak.c/s=23 Qual= 5  
 FCS Wavelength=2788A FePeak=03:20  
 UVSP 03:03 Wavelength=2788A Code=00 Exp #=98112  
 Wavelength=2788A  
 FePeak.c/s=6  
 Rast=240"x240" Step=15" XEN=928602  
 Rast=180"x1" Step=0" Pitch=+327",Yaw=+655"

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Event # = 12189  
 89/10/13,03:52 DOY=286  
 Start Peak End times  
 GOES HXRBS\* 03:52:23 03:52:42 03:52:50 Peak...c/s=50 Qual=00  
 UVSP 03:58 Wavelength=2788A Qual=01  
 Wavelength=2788A  
 Tot Cts=91  
 Exp #=98113  
 MaxkeV=114  
 Rast=180"x1" Step=0" Pitch=+327",Yaw=+650"

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Event # = 12190  
 89/10/13,06:12 DOY=286  
 Start Peak End times  
 GOES 05:00 06:12 08:30 Importance=M4 Qual=02  
 HXRBS\* 04:43:23 05:25:04 05:35:54 Peak...c/s=115 Qual=04  
 BCS 05:12 05:33 05:35 CaPeak.c/s=773 Qual= 2  
 FCS Peak3...c/s=2062 FePeak=05:33  
 UVSP 06:20 Wavelength=2788A Code=02 Exp #=98115  
 Radio Frequency(MHz)/Flux(sfu): 1415/58 2695/150 4995/100 8800/42  
 Associated Event # = 23334  
 BCS 06:29 06:31 07:06 CaPeak.c/s=945 Qual= 5  
 FCS FePeak=06:31 FePeak=06:31  
 Rast=240"x240" dt= 3.8s XEN=928604  
 Step=15" Cad= 262s 1.024s/pixel

BSC	07:07	07:07	07:07	07:07	CaPeak.c/s=42	Associated Event # = 23335	dt= 7.7s	XEN=928605	
FCS						Qual= 5	#Peaks=1	Cad= 262s	
							Step=15"	Rast=240"x240"	
BSC	08:05	08:07	08:38	08:38	CaPeak.c/s=167	Associated Event # = 23336	dt= 7.7s	XEN=928606	
FCS						Qual= 5	Step=15"	Cad= 262s	
UVSP	07:54				Wavelength=1375A	Exp #=98117	Pitch=+340"	Yaw=+776"	
Event # = 23337									
89/10/13	09:53	DOY=286							
		Peak	End times						
GOES	09:39	09:53	10:09	10:09	CaPeak.c/s=34	Qual=00	dt= 7.7s	XEN=928607	
BSC						Qual= 4	Step=15"	Cad= 262s	
FCS							Pitch=-354"	Yaw=-731"	
UVSP	09:26				Wavelength=1375A	Exp #=98119			
Event # = 23338									
89/10/13	11:37	DOY=286							
		Peak	End times						
GOES	11:13	11:37	11:41	11:41	CaPeak.c/s=47	Qual=05	dt= 7.7s	XEN=928608	
BSC						Qual= 4	Step=15"	Cad= 262s	
FCS							Pitch=+232"	Yaw=+515"	
UVSP	10:57				Wavelength=1375A	Exp #=98121			
Event # = 23339									
89/10/13	12:26	DOY=286							
		Peak	End times						
GOES	12:26	12:26	12:27	12:27	CaPeak.c/s=33	Qual=05	dt= 7.7s	XEN=928609	
BSC						Qual= 5	Step=15"	Cad= 262s	
FCS							Pitch=+343"	Yaw=+753"	
UVSP	12:26				Wavelength=1375A	Exp #=98122			
Event # = 23340									
89/10/13	12:37	DOY=286							
		Peak	End times						
GOES	12:37	12:37	13:12	13:12	CaPeak.c/s=30	Qual=05	dt= 7.7s	XEN=928610	
BSC						Qual= 5	Step=15"	Cad= 262s	
FCS							Pitch=+344"	Yaw=+753"	
UVSP	12:28				Wavelength=1375A	Exp #=98123			
Event # = 12191									
89/10/13	13:58	DOY=286							
		Peak	End times						
GOES	13:56:10	13:56:23	13:56:48	13:56:48	Peak...c/s=49	Qual=00	MaxkeV=88		
HXRBS*	13:54	13:58	14:43	14:43	CaPeak.c/s=29	Qual=01	FePeak.c/s=6	XEN=928611	
BSC						Qual= 1	Step=15"	Cad= 262s	
FCS							Pitch=+345"	Yaw=+745"	
UVSP	13:57				Wavelength=1375A	Exp #=98124			
Event # = 12192									
89/10/13	15:54	DOY=286							
		Peak	End times						
Optical									
GOES	15:53:15	15:54:22	15:55:06	15:55:06	Peak...c/s=113	Qual=01	Mac.=HSX	Carr. Lon.=214deg	H. Ang=85deg
HXRBS*	15:28				Wavelength=1375A	Exp #=98127	MaxkeV=114	Step=5"	Pitch=+7"
UVSP							Rast=70"x70"		Yaw=+13"

Event # = 12193			
89/10/13, 23:35	DOY=286	Peak	End times
GOES			
HXRBS*	23:34:52	23:35:04	23:35:34
UVSP	23:23	Peak...c/s=94	
Radio	Frequency(MHz)/Flux(sfu):	245/720	410/290
		Qual=00	
		Qual=01	Tot Cts=1028
		MaxkeV=165	Exp #=98144
		Rast=180"x1"	Step=0"
		Pitch=+4"	Yaw=+5"
89/10/14 DOY=287			
Event # = 23341			
89/10/14, 00:31	DOY=287	Peak	End times
GOES			
BCS	00:31	00:36	CaPeak.c/s=18
FCS			Wavelength=2788A
UVSP	00:20		Exp #=98146
		FePeak=00:31	
		Qual=00	
		Qual=5	
		FePeak.c/s=8	#Peaks=1
		Rast=180"x180"	Step=10"
		Rast=180"x1"	Step=0"
		dt= 7.7s	XEN=928700
		Cad= 332s	1.024s/pixel
		Pitch=+283"	Yaw=+802"
Event # = 12628			
89/10/14, 04:13	DOY=287	Peak	End times
GOES			
HXRBS*	04:12:21	04:12:37	04:12:57
BCS	04:13	04:13	04:15
FCS			Peak...c/s=54
UVSP	03:35		CaPeak.c/s=27
		Wavelength=2788A	
		Exp #=98150	
		Qual=00	
		Qual=4	
		Tot Cts=191	
		FePeak=04:13	
		Maxkey=62	Flags=I
		FePeak.c/s=9	#Peaks=1
		Rast=240"x240"	Step=15"
		Rast=243"x243"	Step=3"
		dt= 7.7s	XEN=928701
		Cad= 262s	1.024s/pixel
		Pitch=+543"	Yaw=+811"
Event # = 12629			
89/10/14, 05:09	DOY=287	Peak	End times
Optical			
GOES			
HXRBS*	05:09:11	05:09:26	05:11:42
UVSP	05:06	Type/Intensity:	III/3
Radio	Sweeps	Frequency(MHz)/Flux(sfu):	245/180
Radio			410/510
		Mac.=CS0	Carr. Lon.=278deg
		H. Ang=14deg	
		AR5736	
		Qual=00	
		Qual=01	
		Tot Cts=3480	
		Exp #=98151	
		MaxkeV=165	Flags=I
		Rast=265"x265"	Step=5"
		Pitch=+411"	Yaw=+885"
Event # = 12197			
89/10/14, 07:02	DOY=287	Peak	End times
Optical			
GOES			
GOES	06:58	07:02	07:05
HXRBS*	06:58:39	06:59:37	07:00:12
UVSP	06:55	Type/Intensity:	III/3
Radio	Sweeps	Frequency(MHz)/Flux(sfu):	245/180
Radio			410/510
		Mac.=CS0	Carr. Lon.=360deg
		H. Ang=71deg	
		AR5723	
		Qual=00	
		Qual=01	
		Tot Cts=2228	
		Exp #=98164	
		MaxkeV=114	Flags=I
		Rast=10"x10"	Step=0"
		Pitch=+403"	Yaw=+838"
Event # = 12198			
89/10/14, 07:11	DOY=287	Peak	End times
GOES			
HXRBS*	07:11:16	07:11:21	07:11:30
UVSP	07:09	Type/Intensity:	III/3
Radio		Frequency(MHz)/Flux(sfu):	245/180
Radio			410/510
		Mac.=CS0	Carr. Lon.=360deg
		H. Ang=71deg	
		AR5723	
		Qual=00	
		Qual=01	
		Tot Cts=221	
		Exp #=98166	
		MaxkeV=114	Flags=I
		Rast=10"x10"	Step=0"
		Pitch=+443"	Yaw=+778"

Event # = 12199									
89/10/14,07:14	DOY=287	Peak	End times						
Start									
GOES			Qual=00						
HXRBS*	07:14:20	07:14:57	07:15:24	Peak...c/s=66					
UVSP	07:09	Wavelength=1375A							
Radio Sweeps	Type/Intensity:			III/2					
Event # = 12200									
89/10/14,08:39	DOY=287	Peak	End times						
Start									
Optical			S16E39						
GOES	08:35	08:39	08:42	Ha...Class=SF					
HXRBS*	08:34:32	08:37:26	08:42:50	Importance=C5					
BCS	08:38	08:38	08:40	Peak...c/s=867					
FCS				CaPeak.c/s=25					
UVSP	08:12	Wavelength=1375A			Code=00				
Radio Sweeps	Type/Intensity:			III/1					
Radio	Frequency(MHz)/Flux(sfu):	245/1900	410/280	606/150	1415/140	2695/150	4995/87	8800/73	15400/56
BCS	08:43	08:44	08:47	CaPeak.c/s=29	Qual=4	FePeak=08:43			
FCS				Associated Event # = 23342					
Event # = 12195									
89/10/14,11:13	DOY=287	Peak	End times						
Start									
GOES	11:08	11:13	11:15	Importance=C4					
HXRBS*	11:11:03	11:11:53	11:12:08	Peak...c/s=141					
UVSP	11:12	Wavelength=1375A			Code=00				
Radio Sweeps	Type/Intensity:			V/2					
Radio	Frequency(MHz)/Flux(sfu):	245/1400	410/190						
HXRBS*	11:08:37	11:09:10	11:09:34	Peak...c/s=167					
Radio	Frequency(MHz)/Flux(sfu):	1415/22	2695/32	4995/45	8800/67	15400/31			
Event # = 12196									
89/10/14,13:07	DOY=287	Peak	End times						
Start									
GOES				Qual=00					
HXRBS*	13:06:30	13:07:35	13:08:01	Peak...c/s=104					
UVSP	12:47	Wavelength=1375A							
Event # = 12201									
89/10/14,14:50	DOY=287	Peak	End times						
Start									
GOES				Qual=00					
HXRBS*	14:49:32	14:50:34	14:51:09	Peak...c/s=67					
Radio Sweeps	Type/Intensity:			III/1					
Radio	Frequency(MHz)/Flux(sfu):	245/240	410/220						

Event # = 12202  
 89/10/14 17:52 D0Y=287  
 Start Peak  
 Optical  
 GOES 17:49 17:52 17:59 End times  
 HXRBS\* 17:49:45 17:50:36 17:54:08  
 GRS 17:50:00 17:51:00  
 UVSP 17:39  
 Radio Sweeps  
 Radio Frequency(MHz)/Flux(sfu): 245/3400 410/100 2695/62 4995/170 8800/66

Ha...Class=1N N16W76 Carr. Lon.=358deg H.Ang=75deg  
 Importance=C5 AR5723 Mac.=CS0  
 Peak...c/s=2963 Qual=01 Tot Cts=92243 Maxkev=461  
 Wavelength=1375A Code=00 Exp #=98190 Rast=110"x200" Step=5" Pitch=+333",Yaw=+918"  
 V/3 Dur=60sec

Importance=C3 #Peaks=1 dt= 3.8s XEN=928704  
 Peak...c/s=44 FePeak.c/s=17 Cad= 262s 1.024s/pixel  
 CaPeak.c/s=99 Rast=240"x240" Step=15" Pitch=+465",Yaw=+844"  
 Wave length=1375A Code=00 Exp #=98196  
 V/3

Event # = 12203  
 89/10/14 19:00 D0Y=287  
 Start Peak  
 Optical  
 GOES 18:57 19:00 19:02 End times  
 HXRBS\* 18:57:53 18:58:45 18:59:41  
 BCS 18:58 19:00  
 FCS  
 UVSP 18:53  
 Radio Sweeps  
 Radio Frequency(MHz)/Flux(sfu): 410/180 606/1100

Ha...Class=1B S18E27 Carr. Lon.=253deg H.Ang=36deg  
 Importance=C5 AR5740 Mac.=EKO  
 Peak...c/s=131 Qual=01 Tot Cts=589  
 Wavelength=2788A Code=00 Exp #=98204 Maxkev=114  
 FePeak.c/s=17 Cad= 262s 1.024s/pixel  
 Rast=110"x200" Step=5" Pitch=+283",Yaw=+802"  
 Wave length=1375A Code=00 Exp #=98196

Importance=C3  
 Peak...c/s=44  
 CaPeak.c/s=99  
 Wave length=1375A Code=00 Exp #=98196

Event # = 12204  
 89/10/14 21:15 D0Y=287  
 Start Peak  
 Optical  
 GOES 21:10 21:15 21:18 End times  
 HXRBS\* 21:10:42 21:11:10 21:11:35  
 UVSP 21:02  
 Radio Sweeps  
 Radio Frequency(MHz)/Flux(sfu): 410/180 606/1100

Ha...Class=1B S18E27 Carr. Lon.=253deg H.Ang=36deg  
 Importance=C5 AR5740 Mac.=EKO  
 Peak...c/s=131 Qual=01 Tot Cts=969  
 Wavelength=2788A Code=00 Exp #=98204 Maxkev=114  
 FePeak.c/s=17 Cad= 262s 1.024s/pixel  
 Rast=180"x1" Step=0" Pitch=+283",Yaw=+802"  
 Wave length=1375A Code=00 Exp #=98196

Importance=C3  
 Peak...c/s=44  
 CaPeak.c/s=99  
 Wave length=1375A Code=00 Exp #=98196

Event # = 12630  
 89/10/14 22:33 D0Y=287  
 Start Peak  
 Optical  
 GOES 22:28 22:33 22:35 End times  
 HXRBS\* 22:31:31 22:31:55 22:32:01  
 UVSP 21:40  
 Radio Sweeps  
 Radio Frequency(MHz)/Flux(sfu): 1415/42 2695/54 4995/130 8800/110 15400/49

Ha...Class=SF N16W77 Carr. Lon.=356deg H.Ang=76deg  
 Importance=C3 AR5723 Mac.=CS0  
 Peak...c/s=64 Qual=01 Tot Cts=236  
 Wavelength=2788A Code=00 Exp #=98205 Maxkev=88  
 FePeak.c/s=221 Rast=240"x240" Step=15" Pitch=+283",Yaw=+802"  
 Wave length=2788A Code=00 Exp #=98206

Importance=C3  
 Peak...c/s=44  
 CaPeak.c/s=668  
 Wave length=2788A Code=00 Exp #=98206

Flags=M5, I  
 Step=0" Pitch=+283",Yaw=+802"

Event # = 12631  
 89/10/14 22:42 D0Y=287  
 Start Peak  
 Optical  
 GOES 22:39 22:42 22:53 End times  
 HXRBS\* 22:39:31 22:39:53 22:43:18  
 BCS 22:42 22:42 22:45  
 FCS  
 UVSP 22:33  
 Radio Sweeps  
 Radio Frequency(MHz)/Flux(sfu): 1415/42 2695/54 4995/130 8800/110 15400/49

Ha...Class=SN S26E67 Carr. Lon.=212deg H.Ang=72deg  
 Importance=M1 AR5747  
 Peak...c/s=1778 Qual=03 Tot Cts=69500  
 CaPeak.c/s=668 Qual=6 FePeak.c/s=221 Rast=240"x240" Step=15" Pitch=+283",Yaw=+802"  
 Wave length=2788A Code=00 Exp #=98206

Importance=M1  
 Peak...c/s=1778  
 CaPeak.c/s=668  
 Wave length=2788A Code=00 Exp #=98206

Flags=I, EN  
 #Peaks=1 dt= 3.8s XEN=928705  
 Step=15" Cad= 262s 1.024s/pixel  
 Step=0" Pitch=+283",Yaw=+802"



Event # = 23343  
 89/10/15,00:17 DOY=288  
 Start Peak  
 Optical  
 GOES 23:20 00:17 02:40  
 BCS 23:21 23:55 23:56  
 FCS  
 UVSP 00:04  
 Carr. Lon. =210deg H. Ang =74deg  
 #Peaks=1 dt= 7.7s XEN=928706  
 Step=15" Cad= 262s 1.024s/pixel  
 Step=0" Pitch=+283", Yaw=+802"  
 FePeak.c/s=34 Rast=240"x240"  
 Rast=180"x1" Pitch=+283", Yaw=+802"  
 FePeak.c/s=16 dt= 3.8s XEN=928800  
 Step=15" Cad= 262s 1.024s/pixel  
 Step=0" Pitch=+283", Yaw=+802"  
 FePeak.c/s=16 dt= 3.8s XEN=928800  
 Step=15" Cad= 262s 1.024s/pixel  
 Step=0" Pitch=+283", Yaw=+802"  
 Exp # = 98208  
 Event # = 23344  
 FePeak=00:57  
 Exp # = 98209  
 Wavelength=2788A  
 CaPeak.c/s=138 Qual= 5  
 Wavelength=2788A

Event # = 23345  
 89/10/15,02:27 DOY=288  
 Start Peak  
 GOES 02:27 02:27 03:18  
 BCS  
 FCS  
 UVSP 02:13  
 Carr. Lon. =220deg H. Ang =63deg  
 #Peaks=1 dt= 3.8s XEN=928801  
 Step=15" Cad= 262s 1.024s/pixel  
 Step=0" Pitch=+283", Yaw=+802"  
 FePeak.c/s=9 Rast=240"x240"  
 Rast=180"x1" Pitch=+283", Yaw=+802"  
 FePeak.c/s=16 dt= 3.8s XEN=928800  
 Step=15" Cad= 262s 1.024s/pixel  
 Step=0" Pitch=+283", Yaw=+802"  
 Exp # = 98211  
 Wavelength=2788A  
 CaPeak.c/s=95 Qual= 5  
 Wavelength=2788A

Event # = 12205  
 89/10/15,03:15 DOY=288  
 Start Peak  
 Optical  
 Optical  
 Optical  
 GOES  
 HXRBS\* 03:15:05 03:15:46 03:16:01  
 UVSP 03:08  
 Radio Sweeps  
 Carr. Lon. =220deg H. Ang =63deg  
 Carr. Lon. =358deg H. Ang =81deg  
 Carr. Lon. =228deg H. Ang =55deg  
 Mac. =DKO  
 MaxkeV=114  
 Rast=180"x1" Pitch=+283", Yaw=+802"  
 Type/Intensity: III/3  
 AR5747  
 AR5723  
 AR5744  
 S27E56  
 N17W82  
 S22E48  
 Qual=00  
 Qual=01  
 Tot Cts=780  
 Exp # = 98212

Event # = 23346  
 89/10/15,04:04 DOY=288  
 Start Peak  
 GOES 04:00 04:04 04:32  
 BCS  
 FCS  
 UVSP 03:45  
 Carr. Lon. =220deg H. Ang =63deg  
 #Peaks=2 dt= 7.7s XEN=928802  
 Step=15" Cad= 262s 1.024s/pixel  
 Step=0" Pitch=+283", Yaw=+802"  
 FePeak.c/s=7 Rast=240"x240"  
 Rast=180"x1" Pitch=+283", Yaw=+802"  
 FePeak.c/s=16 dt= 3.8s XEN=928800  
 Step=15" Cad= 262s 1.024s/pixel  
 Step=0" Pitch=+283", Yaw=+802"  
 Exp # = 98213  
 Wavelength=2788A  
 CaPeak.c/s=34 Qual= 1  
 Wavelength=2788A

Event # = 12206  
 89/10/15,04:25 DOY=288  
 Start Peak  
 GOES 04:25:33 04:25:37 04:25:50  
 HXRBS\*  
 UVSP 04:39  
 Carr. Lon. =220deg H. Ang =63deg  
 #Peaks=2 dt= 7.7s XEN=928802  
 Step=15" Cad= 262s 1.024s/pixel  
 Step=0" Pitch=+283", Yaw=+802"  
 FePeak.c/s=7 Rast=240"x240"  
 Rast=180"x1" Pitch=+283", Yaw=+802"  
 FePeak.c/s=16 dt= 3.8s XEN=928800  
 Step=15" Cad= 262s 1.024s/pixel  
 Step=0" Pitch=+283", Yaw=+802"  
 Exp # = 98214  
 Wavelength=2788A  
 CaPeak.c/s=124 Qual= 01  
 Wavelength=2788A  
 Tot Cts=410  
 Exp # = 98214

Event # = 12207  
 89/10/15,07:13 DOY=288  
 Start Peak  
 GOES 07:13:38 07:13:52 07:14:59  
 HXRBS\*  
 UVSP 07:03  
 Radio Sweeps  
 Carr. Lon. =220deg H. Ang =63deg  
 #Peaks=2 dt= 7.7s XEN=928802  
 Step=15" Cad= 262s 1.024s/pixel  
 Step=0" Pitch=+283", Yaw=+802"  
 FePeak.c/s=7 Rast=240"x240"  
 Rast=180"x1" Pitch=+283", Yaw=+802"  
 FePeak.c/s=16 dt= 3.8s XEN=928800  
 Step=15" Cad= 262s 1.024s/pixel  
 Step=0" Pitch=+283", Yaw=+802"  
 Exp # = 98217  
 Wavelength=2788A  
 CaPeak.c/s=57 Qual= 01  
 Wavelength=1375A  
 Type/Intensity: III/3  
 Tot Cts=561  
 Exp # = 98217

Event # = 23347		DOY=288													
89/10/15,13:55	Start	End times	Peak	Ha...Class=SF	S16E67	AR5748	Mac.=BX0	Carr.Lon.=204deg	H.Ang=70deg						
GOES					Qual=03										
BCS	13:35	14:03	13:55	CaPeak.c/s=57	Qual=3	FePeak=13:53	FePeak.c/s=8	#Peaks=1	dt= 3.8s	XEN=928803					
FCS				Wavelength=1375A		Exp #=98254	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel					
UVSP	13:45						Rast=110"x200"	Step=5"	Pitch=+333"	Yaw=+918"					
Event # = 12208		DOY=288													
89/10/15,14:30	Start	End times	Peak	Ha...Class=IN	S14E21	AR5740	Mac.=EK1	Carr.Lon.=249deg	H.Ang=29deg						
GOES	14:23	14:44	14:30	Importance=M2	Qual=05		MaxkeV=114								
HXRBS*	14:32:58	14:35:08	14:33:02	Peak...c/s=42	Qual=01	Tot Cts=383	Rast=265"x265"	Step=5"	Pitch=+411"	Yaw=+885"					
UVSP	14:37			Wavelength=1375A	Code=02	Exp #=98255									
Event # = 23348		DOY=288													
89/10/15,22:54	Start	End times	Peak	Ha...Class=SF	S25E53	AR5747	Mac.=DK0	Carr.Lon.=213deg	H.Ang=60deg						
GOES	22:48	23:00	22:54	Importance=C2	Qual=01		FePeak.c/s=18	#Peaks=1	dt= 3.8s	XEN=928804					
BCS	22:50	23:01	22:53	CaPeak.c/s=73	Qual=1	FePeak=22:53	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel					
FCS				Wavelength=1375A	Code=00	Exp #=98298	Rast=110"x200"	Step=5"	Pitch=+441"	Yaw=+739"					
UVSP	22:53														
Event # = 12209		DOY=289													
89/10/16,04:19	Start	End times	Peak	Ha...Class=SF	N13W07	AR5736	Mac.=DAO	Carr.Lon.=270deg	H.Ang=10deg						
GOES					Qual=05		MaxkeV=140								
HXRBS*	04:18:43	04:20:06	04:19:33	Peak...c/s=140	Qual=01	Tot Cts=2899	Rast=265"x265"	Step=5"	Pitch=+482"	Yaw=+679"					
UVSP	04:20			Wavelength=1375A		Exp #=98307									
Radio Sweeps		Type/Intensity:		III/3											
Event # = 12210		DOY=289													
89/10/16,15:13	Start	End times	Peak	Ha...Class=SF	N13W07	AR5736	Mac.=DAO	Carr.Lon.=270deg	H.Ang=10deg						
GOES					Qual=06		MaxkeV=114								
HXRBS*	15:01:37	15:05:22	15:02:28	Peak...c/s=256	Qual=01	Tot Cts=6844	FePeak.c/s=49	#Peaks=1	dt= 7.7s	XEN=928900					
BCS	15:04	15:40	15:13	CaPeak.c/s=264	Qual=1	FePeak=15:12	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel					
FCS				Wavelength=2788A		Exp #=98342	Rast=180"x1"	Step=0"	Pitch=+361"	Yaw=+534"					
UVSP	15:40			Associated		Event # = 12211	MaxkeV=62								
HXRBS*	15:09:24	15:13:00	15:09:51	Peak...c/s=57	Qual=01	Tot Cts=2630	Rast=180"x1"	Step=0"	Pitch=+361"	Yaw=+539"					
UVSP	14:46			Wavelength=2788A		Exp #=98341									
Event # = 23349		DOY=289													
89/10/16,19:33	Start	End times	Peak	CaPeak.c/s=55	Qual=05	FePeak=19:30	FePeak.c/s=7	#Peaks=1	dt= 3.8s	XEN=928901					
GOES	19:30	19:42	19:33	Peak3...c/s=64	Qual=5	Exp #=98347	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel					
BCS	19:30	19:35	19:35	Wavelength=2788A			Rast=180"x1"	Step=0"	Pitch=+430"	Yaw=+449"					
FCS															
UVSP	19:20														

Event # = 12212		DOY=289		Peak		End times			
89/10/16	22:39	Start	22:39:38	22:40:05	End times	Qual=00			
GOES						Qual=01			
HXRBS*	22:39:28	Peak...c/s=44	22:39:38	22:40:05	Peak...c/s=44				
UVSP	22:39	Wavelength=1375A			Wavelength=1375A				
Event # = 12213		DOY=289		Peak		End times			
89/10/16	22:58	Start	22:53:11	22:54:30	End times	Qual=01			
GOES						Qual=01			
HXRBS*	22:52:37	Peak...c/s=84	22:53:11	22:54:30	Peak...c/s=84				
BCS	22:53	CaPeak.c/s=102	22:58	23:18	CaPeak.c/s=102	Qual=1			
FCS									
UVSP	22:51	Wavelength=1375A			Wavelength=1375A				
HXRBS*	23:06:38	Associated	23:06:46	23:06:55	Event # = 12214				
UVSP	23:01	Qual=01			Tot Cts=134				
					Exp #=98364				
Event # = 12215		DOY=290		Peak		End times			
89/10/17	00:40	Start	00:40	00:45	End times	Qual=01			
Optical						Qual=01			
GOES	00:35	Ha...Class=SF	00:40	00:45	Ha...Class=SF	N19M81			
HXRBS*	00:41:26	Importance=C3	00:41:27	00:41:55	Importance=C3	Qual=01			
BCS	00:33	Peak...c/s=44	00:33	00:41	Peak...c/s=44	Qual=01			
FCS		CaPeak.c/s=19			CaPeak.c/s=19	Qual=4			
UVSP	00:33	Wavelength=1375A			Wavelength=1375A	Code=00			
Event # = 12216		DOY=290		Peak		End times			
89/10/17	02:04	Start	02:00	02:09	End times	Qual=01			
Optical						Qual=01			
GOES	02:00	Ha...Class=SN	02:04	02:09	Ha...Class=SN	S29E42			
HXRBS*	02:01:31	Importance=C2	02:02:00	02:03:15	Importance=C2	Qual=01			
BCS	02:04	Peak...c/s=202	02:04	02:31	Peak...c/s=202	Qual=01			
FCS		CaPeak.c/s=65			CaPeak.c/s=65	Qual=1			
UVSP	02:04	Wavelength=1375A			Wavelength=1375A	Code=02			
Event # = 12217		DOY=290		Peak		End times			
89/10/17	02:13	Start	02:13:08	02:13:46	End times	Qual=01			
GOES						Qual=01			
HXRBS*	02:13:08	Peak...c/s=44	02:13:14	02:13:46	Peak...c/s=44				
UVSP	02:04	Wavelength=1375A			Wavelength=1375A				
Event # = 23351		DOY=290		Peak		End times			
89/10/17	03:14	Start	03:13	03:17	End times	Qual=00			
GOES						Qual=4			
BCS	03:13	CaPeak.c/s=21	03:14	03:17	CaPeak.c/s=21				
FCS									
UVSP	03:13	Wavelength=1375A			Wavelength=1375A				

Event # = 23352		DOY=290		End times		Carr. Lon.=332deg		H. Ang=81deg	
89/10/17, 03:35	Start	Peak							
Optical			N19W82	AR5728	Mac.=DAO				
GOES			Qual=00						
BCS	03:27	03:35	Qual=1	FePeak=03:34	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=929003	
FCS					Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
UVSP	03:35			Exp #=98391	Rast=30"x30"	Step=5"	Pitch=+598"	Yaw=+484"	
Event # = 12632		DOY=290		End times		Carr. Lon.=208deg		H. Ang=53deg	
89/10/17, 05:23	Start	Peak							
Optical			S30E41	AR5747	Mac.=DKI				
GOES			Qual=03						
HXRBS*	05:18	05:23	Qual=01	Tot Cts=6720	MaxkeV=88	Flags=1	dt= 7.7s	XEN=929004	
BCS	05:19:21	05:21:03	Qual=1	FePeak=05:22	FePeak.c/s=53	#Peaks=1	Cad= 262s	1.024s/pixel	
FCS	05:18	05:22			Rast=240"x240"	Step=15"	Pitch=+543"	Yaw=+551"	
UVSP	05:18			Exp #=98402	Rast=30"x30"	Step=5"			
Event # = 23353		DOY=290		End times		Carr. Lon.=332deg		H. Ang=81deg	
89/10/17, 07:03	Start	Peak							
Optical			S30E41	AR5747	Mac.=DKI				
GOES			Qual=00						
BCS	06:41	07:03	Qual=2	FePeak=06:43	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=929005	
FCS					Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
UVSP	06:56			Exp #=98411	Rast=10"x10"	Step=0"	Pitch=+554"	Yaw=+535"	
Event # = 23354		DOY=290		End times		Carr. Lon.=332deg		H. Ang=81deg	
89/10/17, 07:54	Start	Peak							
Optical			S30E41	AR5747	Mac.=DKI				
GOES			Qual=00						
BCS	07:54	07:54	Qual=4	FePeak=07:54	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=929006	
FCS					Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
UVSP	07:47			Exp #=98414	Rast=10"x10"	Step=0"	Pitch=+464"	Yaw=+530"	
Event # = 23355		DOY=290		End times		Carr. Lon.=332deg		H. Ang=81deg	
89/10/17, 08:34	Start	Peak							
Optical			S30E41	AR5747	Mac.=DKI				
GOES			Qual=00						
BCS	08:31	08:34	Qual=2	FePeak=08:35	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=929007	
FCS					Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
UVSP	08:28			Exp #=98420	Rast=10"x10"	Step=0"	Pitch=+545"	Yaw=+525"	
Event # = 12633		DOY=290		End times		Carr. Lon.=208deg		H. Ang=53deg	
89/10/17, 09:23	Start	Peak							
Optical			S30E41	AR5747	Mac.=DKI				
GOES			Qual=00						
HXRBS*	09:23:09	09:23:35	Qual=01	Tot Cts=299	MaxkeV=114	Flags=1	dt= 7.7s	XEN=929008	
UVSP	09:17			Exp #=98422	Rast=70"x70"	Step=5"	Pitch=+498"	Yaw=+507"	

Event # = 12634  
 89/10/17, 09:42 DOY=290  
 Start Peak End times  
 GOES 09:38:00 09:38:09 09:38:33  
 HXRBS\* 09:38:00 09:38:09 09:38:33 Peak...c/s=50  
 BCS 09:39 09:42 09:51 CaPeak.c/s=34  
 FCS 09:39 09:42 09:51 Wavelength=1375A  
 UVSP 09:17 09:42 09:51  
 Qual=01  
 Qual=01  
 Qual=4  
 MaxkeV=62  
 FePeak.c/s=8  
 Rast=180"x180"  
 Rast=70"x70"  
 dt= 7.7s XEN=929008  
 Cad= 332s 1.024s/pixel  
 Pitch=+498", Yaw=+507"  
 Flags=1  
 #Peaks=1  
 Step=10"  
 Step=5"

89/10/18 DOY=291  
 Event # = 23356  
 89/10/18, 05:07 DOY=291  
 Start Peak End times  
 GOES 05:07 05:07 05:58  
 BCS 05:07 05:07 05:58 CaPeak.c/s=117  
 FCS 05:07 05:07 05:58 Peak3..c/s=6624  
 UVSP 05:05 05:07 05:58 Wavelength=1375A  
 Qual=06  
 Qual=5  
 FePeak=05:07  
 Exp #=98447  
 FePeak.c/s=6  
 Rast=240"x240"  
 Rast=70"x70"  
 dt= 3.8s XEN=929100  
 Cad= 262s 1.024s/pixel  
 Pitch=+616", Yaw=+294"

Event # = 23357  
 89/10/18, 06:53 DOY=291  
 Start Peak End times  
 GOES 06:53 06:53 07:26  
 BCS 06:53 06:53 07:26 CaPeak.c/s=42  
 FCS 06:53 06:53 07:26  
 Qual=06  
 Qual=5  
 FePeak=07:04  
 Exp #=98451  
 FePeak.c/s=6  
 Rast=240"x240"  
 Rast=70"x70"  
 dt= 7.7s XEN=929101  
 Cad= 262s 1.024s/pixel  
 Carr. Lon.=250deg  
 H. Ang=23deg

Event # = 12218  
 89/10/18, 08:05 DOY=291  
 Start Peak End times  
 Optical 08:05 08:05 08:05  
 GOES 08:05 08:05 08:05 Ha...Class=SF  
 HXRBS\* 08:05:08 08:05:32 08:05:38 Peak...c/s=44  
 UVSP 08:05 08:05 08:05 Wavelength=1375A  
 Qual=06  
 Qual=01  
 S11W16  
 AR5740  
 Mac.=EAO  
 MaxkeV=114  
 Rast=265"x265"  
 dt= 7.7s XEN=929102  
 Cad= 262s 1.024s/pixel  
 Pitch=+452", Yaw=+373"

Event # = 23358  
 89/10/18, 08:18 DOY=291  
 Start Peak End times  
 GOES 08:11 08:18 08:55  
 BCS 08:11 08:18 08:55 CaPeak.c/s=24  
 FCS 08:11 08:18 08:55 Wavelength=1375A  
 UVSP 08:07 08:11 08:55  
 Qual=06  
 Qual=4  
 FePeak=08:31  
 Exp #=98451  
 FePeak.c/s=6  
 Rast=240"x240"  
 Rast=70"x70"  
 dt= 7.7s XEN=929102  
 Cad= 262s 1.024s/pixel  
 Carr. Lon.=250deg  
 H. Ang=23deg

89/10/19 DOY=292  
 Event # = 12223  
 89/10/19, 10:19 DOY=292  
 Start Peak End times  
 GOES 10:17:55 10:19:05 10:19:12  
 HXRBS\* 10:17:55 10:19:05 10:19:12 Peak...c/s=54  
 UVSP 10:11 10:19 10:11 Wavelength=2788A  
 Qual=00  
 Qual=01  
 Tot Cts=299  
 Exp #=98485  
 MaxkeV=62  
 Rast=243"x243"  
 Pitch=-509", Yaw=-55"

Event # = 12224  
 89/10/19, 10:22 DOY=292  
 Start Peak End times  
 GOES 10:22:25 10:22:58 10:23:03  
 HXRBS\* 10:22:25 10:22:58 10:23:03 Peak...c/s=50  
 UVSP 10:11 10:22 10:11 Wavelength=2788A  
 Qual=00  
 Qual=01  
 Tot Cts=254  
 Exp #=98485  
 MaxkeV=62  
 Rast=243"x243"  
 Pitch=-509", Yaw=-55"

Event # = 12221									
89/10/19, 12:03	Start	DOY=292	Peak	End times					
Optical	Ha...Class=SF		S28E13	AR5747	Mac.=DKC	Carr. Lon.=206deg	H. Ang=36deg		
GOES	Peak...c/s=59		Qual=00	Tot Cts=1081					
HXRBS*	11:54:49	11:55:14	11:57:17	FePeak=12:03					
BGS	11:32	12:03	12:22	Exp #=98487					
FCS	CaPeak.c/s=149		Qual=1						
UVSP	11:33	Wavelength=1375A							
Event # = 12222									
89/10/19, 12:59	Start	DOY=292	Peak	End times					
Optical	Ha...Class=4B		S27E10	AR5747	Mac.=DKC	Carr. Lon.=208deg	H. Ang=34deg		
GOES	12:32	12:59	21:02	Tot Cts=1.42E+8		Flags=M5, SN, IN, EG			
HXRBS*	12:55:18	12:58:43	17:56:36	Exp #=98488		Dur=3420sec			
GRS	12:56:00	13:53:00	13:53:00	Exp #=98487					
UVSP	13:01	Wavelength=1375A							
Radio Sweeps	Type/Intensity:		Code=02						
Radio	Frequency(MHz)/Flux(sfu):		245/13000 410/18000 606/46000 1415/82000	8800/30000 15400/36000					
BGS	15:25	15:25	15:26	Exp #=98492					
FCS	CaPeak.c/s=91		Qual=5						
UVSP	16:05	Wavelength=1375A							
BGS	16:42	16:46	16:51	Exp #=98493					
FCS	CaPeak.c/s=1478		Qual=6						
UVSP	16:07	Wavelength=1375A							
BGS	16:51	16:52	16:56	Exp #=98495					
FCS	CaPeak.c/s=33		Qual=6						
UVSP	16:07	Wavelength=1375A							
BGS	17:32	17:33	17:40	Exp #=98499					
FCS	CaPeak.c/s=1571		Qual=6						
UVSP	17:36	Wavelength=1375A							
BGS	17:40	17:44	17:48	Exp #=98495					
FCS	CaPeak.c/s=927		Qual=6						
UVSP	17:39	Wavelength=1375A							
BGS	17:48	17:52	17:56	Exp #=98495					
FCS	CaPeak.c/s=867		Qual=6						
UVSP	17:39	Wavelength=1375A							
BGS	20:36	20:38	21:03	Exp #=98499					
FCS	CaPeak.c/s=438		Qual=6						
UVSP	20:38	Wavelength=1375A							
Event # = 23359									
89/10/19, 14:34	Start	DOY=292	Peak	End times					
GOES	CaPeak.c/s=6429		Qual=5	FePeak=14:34					
BGS	14:34	14:34	15:25	Exp #=98490					
FCS	Wavelength=1375A								
UVSP	14:33	Wavelength=1375A							

Event # = 23361		DOY=292						
89/10/19	16:12	Peak		End times				
GOES			Qual=05					
BCS	16:11		CaPeak.c/s=1888	16:42	FePeak=16:12	FePeak.c/s=487	#Peaks=3	dt= 0.5s XEN=929204
FCS			Wavelength=1375A		Exp #=98493	Rast=180"x180"	Step=10"	Cad= 332s 1.024s/pixel
UVSP	16:07					Rast=70"x70"	Step=5"	Pitch=+487", Yaw=-233"
Event # = 12225		DOY=292						
89/10/19	19:35	Peak		End times				
GOES			Qual=00					
HXRBS*	19:35:02		Peak...c/s=51	19:35:27	Tot Cts=165	MaxkeV=88	Step=5"	Pitch=+502", Yaw=+98"
UVSP	19:11		Wavelength=1375A		Exp #=98497	Rast=70"x70"		
Event # = 12226		DOY=292						
89/10/19	19:38	Peak		End times				
GOES			Qual=00					
HXRBS*	19:38:24		Peak...c/s=62	19:39:14	Tot Cts=236	MaxkeV=62	Step=5"	Pitch=+502", Yaw=+98"
UVSP	19:11		Wavelength=1375A		Exp #=98497	Rast=70"x70"		
Event # = 12227		DOY=292						
89/10/19	20:35	Peak		End times				
GOES			Qual=00					
HXRBS*	20:35:30		Peak...c/s=49	20:35:55	Tot Cts=106	MaxkeV=62	Step=5"	Pitch=+510", Yaw=+58"
UVSP	20:38		Wavelength=1375A		Exp #=98498	Rast=265"x265"		
Event # = 23368		DOY=293						
89/10/20	04:14	Peak		End times				
Optical			S20E79					
GOES			Qual=00					
BCS	04:11		Ha...Class=SF	05:06	FePeak=04:12	FePeak.c/s=6	Step=15"	dt= 7.7s XEN=929300
FCS			CaPeak.c/s=45		Exp #=98508	Rast=240"x240"	Step=0"	Cad= 262s 1.024s/pixel
UVSP	04:03		Wavelength=2788A			Rast=180"x1"	Step=0"	Pitch=+382", Yaw=-70"
Event # = 12237		DOY=293						
89/10/20	06:26	Peak		End times				
GOES			Qual=00					
HXRBS*	06:26:32		Peak...c/s=45	06:27:14	Tot Cts=117	MaxkeV=88	Step=0"	Pitch=+382", Yaw=-104"
UVSP	06:28		Wavelength=2788A		Exp #=98511	Rast=180"x1"		
Event # = 12236		DOY=293						
89/10/20	06:27	Peak		End times				
GOES			Qual=00					
HXRBS*	06:12:27		Peak...c/s=45	06:13:15	Tot Cts=160	MaxkeV=62	#Peaks=3	dt= 7.7s XEN=929301
BCS	05:47		CaPeak.c/s=26	06:31	FePeak=06:28	FePeak.c/s=6	Step=15"	Cad= 262s 1.024s/pixel
FCS			Wavelength=2788A		Exp #=98511	Rast=180"x1"	Step=0"	Pitch=+382", Yaw=-104"
UVSP	06:28		III/3					

Event # = 12228		DOY=293		End times		Carr. Lon. = 210deg		H. Ang = 33deg	
89/10/20, 07:30	Start	89/10/20, 07:30	Peak	07:30:11	07:30:23	AR5747	Mac. = DKC	#Peaks=1	dt= 7.7s
Optical		Ha...Class=SF		S27W02		MaxkeV=88		XEN=929302	
GOES		Peak...c/s=100		Qual=00		FePeak.c/s=7		Cad= 262s	
HXRBS*		CaPeak.c/s=27		Qual= 1		Rast=240"x240"		Pitch=+382", Yaw=-109"	
BCS		Wavelength=2788A		Exp #=98512					
FCS									
UVSP									
UVSP									
Event # = 12229		DOY=293		End times		Carr. Lon. = 208deg		H. Ang = 32deg	
89/10/20, 07:41	Start	89/10/20, 07:41	Peak	07:40:58	07:43:10	AR5747	Mac. = DKC	#Peaks=1	dt= 7.7s
Optical		Ha...Class=SF		S27W00		MaxkeV=88		XEN=929303	
GOES		Importance=C9		Qual=01		FePeak.c/s=220		Cad= 262s	
HXRBS*		Peak...c/s=1544		Qual=11		Rast=240"x240"		Pitch=+382", Yaw=-116"	
BCS		CaPeak.c/s=550		Qual= 1		Exp #=98513			
FCS		Wavelength=2788A		Code=02					
UVSP		15400/64		Associated					
Radio		Frequency(MHz)/Flux(sfu):		Event # = 12231					
HXRBS*		07:57:38		07:57:48		Qual=01		Tot Cts=469	
Event # = 12232		DOY=293		End times		Carr. Lon. = 207deg		H. Ang = 32deg	
89/10/20, 07:59	Start	89/10/20, 07:59	Peak	08:00:13	08:00:20	AR5747	Mac. = DKC	#Peaks=1	dt= 7.7s
Optical		Ha...Class=SF		S27W00		MaxkeV=88		XEN=929304	
GOES		Peak...c/s=54		Qual=01		FePeak.c/s=5		Cad= 332s	
HXRBS*		CaPeak.c/s=22		Qual= 5		Rast=180"x180"		Pitch=+382", Yaw=-116"	
BCS		Wavelength=2788A		Exp #=98513					
FCS									
UVSP									
UVSP									
Event # = 12233		DOY=293		End times		Carr. Lon. = 207deg		H. Ang = 32deg	
89/10/20, 09:13	Start	89/10/20, 09:13	Peak	09:12:40	09:13:11	AR5747	Mac. = DKC	#Peaks=1	dt= 7.7s
Optical		Ha...Class=SF		S27W00		MaxkeV=88		XEN=929305	
GOES		Peak...c/s=56		Qual=01		FePeak.c/s=7		Cad= 262s	
HXRBS*		CaPeak.c/s=27		Qual= 1		Rast=240"x240"		Pitch=+382", Yaw=-129"	
BCS		Wavelength=2788A		Exp #=98515					
FCS									
UVSP									



Event # = 12234		DOY=293		End times			
89/10/20,10:18	Start	10:15:45	Peak	10:17:38	End times		
GOES		10:18	CaPeak.c/s=58	10:24			
HXRBS*		10:15:21	Peak...c/s=84	10:17:38			
BCS		10:18	CaPeak.c/s=58	10:24			
FCS							
UVSP		10:08	Wavelength=2788A				
Event # = 12235		DOY=293		End times			
89/10/20,10:59	Start	10:56:02	Peak	10:56:32	End times		
GOES		10:57	CaPeak.c/s=24	11:03			
HXRBS*		10:55:43	Peak...c/s=61	10:56:32			
BCS		10:59	CaPeak.c/s=24	11:03			
FCS							
UVSP		11:01	Wavelength=2788A				
Event # = 12238		DOY=293		End times			
89/10/20,15:09	Start	15:08:26	Peak	15:17:59	End times		
GOES		15:09	CaPeak.c/s=58	15:11:00			
HXRBS*		15:08:26	Peak...c/s=8122	15:17:59			
GRS		15:09:00	Peak...c/s=8122	15:11:00			
UVSP		15:09	Wavelength=1375A				
Radio			8800/120 15400/700				
Event # = 12239		DOY=293		End times			
89/10/20,15:26	Start	15:20:45	Peak	15:31:29	End times		
Optical		15:21	Wavelength=1375A				
GOES							
HXRBS*		15:20:45	Peak...c/s=47	15:31:29			
UVSP		15:21	Wavelength=1375A				
Event # = 12240		DOY=293		End times			
89/10/20,16:24	Start	16:30:25	Peak	16:33:21	End times		
Optical		16:24	Wavelength=1375A				
GOES							
HXRBS*		16:30:25	Peak...c/s=57	16:33:21			
BCS		16:24	CaPeak.c/s=52	16:48			
FCS							
UVSP		16:26	Wavelength=1375A				
Event # = 12241		DOY=293		End times			
89/10/20,16:41	Start	16:41:30	Peak	16:42:06	End times		
GOES		16:40	Wavelength=1375A				
HXRBS*		16:41:30	Peak...c/s=45	16:42:06			
UVSP		16:40	Wavelength=1375A				



Event # = 23370	DOY=293	Start	End times	Qual=00	CaPeak.c/s=21	Wavelength=1375A	FePeak=22:59	Exp #=98573	FePeak.c/s=8	Rast=240"x240"	#Peaks=1	dt= 7.7s	XEN=929313	
89/10/20, 23:00	Peak	23:05	23:05	Qual= 4							Step=15"	Cad= 262s	1.024s/pixel	
GOES											Step=5"	Pitch=+509"	Yaw=-125"	
BCS														
FCS														
UVSP														
Event # = 12247	DOY=293	Start	End times	S19E71	Ha...Class=SF		AR5754						H. Ang=74deg	
89/10/20, 23:15	Peak	23:15:23	23:16:14	Qual=00										
Optical				Qual=01										
GOES														
HXRBS*														
UVSP														
Event # = 12248	DOY=294	Start	End times	Qual=00	Peak...c/s=115	Wavelength=1375A	Tot Cts=1305	Exp #=98584	MaxkeV=114	Rast=20"x30"	Step=1"	Pitch=+509"	Yaw=-134"	
89/10/21, 00:40	Peak	00:40:05	00:40:34	Qual=01										
GOES														
HXRBS*														
UVSP														
Event # = 23371	DOY=294	Start	End times	Qual=00	CaPeak.c/s=30	Wavelength=2788A	FePeak=01:30	Exp #=98585	FePeak.c/s=5	Rast=240"x240"	#Peaks=1	dt= 7.7s	XEN=929400	
89/10/21, 01:29	Peak	01:29	01:37	Qual= 5							Step=15"	Cad= 262s	1.024s/pixel	
GOES											Step=3"	Pitch=+507"	Yaw=-174"	
BCS														
FCS														
UVSP														
Event # = 12249	DOY=294	Start	End times	S28W09	Ha...Class=1N		AR5747						H. Ang=34deg	
89/10/21, 01:56	Peak	01:56	02:03	Qual=01	Importance=M2									
Optical				Qual=01										
GOES														
HXRBS*														
GRS														
BCS														
FCS														
UVSP														
Radio														
Frequency (MHz)/Flux (sfu):														
BCS														
FCS														
Event # = 12635	DOY=294	Start	End times	Qual=00	Peak...c/s=49	Wavelength=2788A	Tot Cts=375	Exp #=98590	MaxkeV=62	Rast=180"x1"	Flags=I,ND	Step=0"	Pitch=+379"	Yaw=-31"
89/10/21, 04:58	Peak	04:58:21	04:58:38	Qual=01										
GOES														
HXRBS*														
UVSP														

Event # = 12637		DOY=294		Start		End times			
89/10/21,05:18	Peak	05:18	05:20	AR5753	Mac.=C50	Carr. Lon.=180deg	H. Ang=35deg		
Optical		Ha...Class=1F	S26E16						
GOES	05:12	Importance=C3	Qual=01						
HXRBS*	05:16:23	Peak...c/s=50	Qual=01	Tot Cts=1092	MaxkeV=88	Flags=I,ND			
UVSP	05:18	Wave length=2788A	Code=02	Exp #=98590	Rast=180"x1"	Step=0"	Pitch=+379"	Yaw=-31"	
Radio	Frequency(MHz)/Flux(sfu)	245/68	410/45	606/19	8800/45	Associated Event # = 12636			
HXRBS*	05:13:06	Peak...c/s=50	Qual=01	Tot Cts=560	MaxkeV=62	Flags=I,ND			
Event # = 12250		DOY=294		Start		End times			
89/10/21,11:28	Peak	11:28	11:31	AR5747	Mac.=EKC	Carr. Lon.=210deg	H. Ang=39deg		
Optical		Ha...Class=SF	S30W17						
GOES	11:25:00	Peak...c/s=68	Qual=01	Tot Cts=1391	MaxkeV=140	#Peaks=1	dt= 7.7s	XEN=929403	
HXRBS*	11:27	CaPeak.c/s=22	Qual= 4	FePeak=11:27	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
BGS	11:23	Wave length=2788A		Exp #=98598	Rast=180"x1"	Step=0"	Pitch=+377"	Yaw=-79"	
UVSP	11:23								
Event # = 23373		DOY=294		Start		End times			
89/10/21,12:12	Peak	12:12	12:16	FePeak=12:12	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=929404	
GOES	12:12	CaPeak.c/s=24	Qual=00						
BGS	12:12	Peak3...c/s=1	Qual= 5	Exp #=98599	Rast=180"x1"	Step=0"	Pitch=+377"	Yaw=-84"	
FCS	12:14	Wave length=2788A							
UVSP	12:01								
Event # = 23374		DOY=294		Start		End times			
89/10/21,12:58	Peak	12:58	13:03	AR5747	Mac.=EKC	Carr. Lon.=205deg	H. Ang=36deg		
Optical		Ha...Class=SF	S28W13						
GOES	12:54	Importance=C5	Qual=03						
BGS	12:47	CaPeak.c/s=163	Qual= 1	FePeak=12:58	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel	
FCS	12:51	Peak3...c/s=51	Code=00	Exp #=98600	Rast=180"x1"	Step=0"	Pitch=+377"	Yaw=-91"	
UVSP	12:54	Wave length=2788A							
Event # = 23375		DOY=294		Start		End times			
89/10/21,14:27	Peak	14:27	14:29	FePeak=14:27	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=929406	
GOES	14:27	CaPeak.c/s=23	Qual= 4	Exp #=98609	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
BGS	14:27	Wave length=1375A							
FCS	14:24								
UVSP	14:24								
Event # = 12641		DOY=294		Start		End times			
89/10/21,20:05	Peak	20:05	20:12	Tot Cts=4620	MaxkeV=88	Flags=I			
GOES	19:55	Importance=C5	Qual=01	FePeak=20:04	FePeak.c/s=64	#Peaks=1	dt= 7.7s	XEN=929407	
HXRBS*	20:01:42	Peak...c/s=107	Qual=01		Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel	
BGS	19:55	CaPeak.c/s=272	Qual= 1	Exp #=98641	Rast=20"x30"	Step=1"	Pitch=+529"	Yaw=-264"	
FCS	20:04	Wave length=1375A	Code=00						
UVSP	20:03								

HXRBS\* 19:54:31 19:54:47 19:55:21 Peak...c/s=87 Associated Event # = 12638  
 UVSP 19:52 Wavelength=1375A Qual=01 Tot Cts=930 MaxkeV=88  
 HXRBS\* 19:56:51 19:57:16 19:57:58 Peak...c/s=66 Associated Event # = 12639  
 UVSP 19:52 Wavelength=1375A Qual=01 Tot Cts=1050 MaxkeV=88  
 HXRBS\* 19:59:33 19:59:54 20:00:07 Peak...c/s=57 Associated Event # = 12640  
 UVSP 19:52 Wavelength=1375A Qual=01 Tot Cts=291 MaxkeV=88  
 Exp #=98639 Rast=30"x30" Pitch=+539", Yaw=-258"

Event # = 12251  
 89/10/21,21:42 DOY=294  
 Optical Start End times Carr. Lon.=115deg H.Ang=73deg  
 GOES S11E72 AR5758  
 HXRBS\* 21:42:23 21:42:37 21:42:56 Peak...c/s=54 Qual=01 MaxkeV=88  
 UVSP 21:35 Wavelength=1375A Qual=01 Exp #=98650 Rast=30"x30" Pitch=+524", Yaw=-285"

Event # = 12252  
 89/10/21,22:04 DOY=294  
 Optical Start End times Carr. Lon.=208deg H.Ang=39deg  
 Optical S28W21 AR5747 H.Ang=61deg  
 GOES S19E57 AR5754 Carr. Lon.=130deg  
 HXRBS\* 21:59 22:04 22:09 Importance=C6 Qual=03 MaxkeV=245  
 UVSP 21:53:51 21:54:59 21:56:37 Peak...c/s=283 Qual=01 Rast=30"x30" Pitch=+519", Yaw=-293"  
 Radio 21:56 Wavelength=1375A Code=00 Exp #=98654  
 Radio Frequency(MHz)/Flux(sfu): 4995/52 8800/130  
 HXRBS\* 21:59:58 22:01:37 22:02:42 Peak...c/s=207 Associated Event # = 12253  
 UVSP 22:51 Wavelength=2788A Qual=03 Tot Cts=8969 MaxkeV=140  
 Exp #=98655

Event # = 12254  
 89/10/21,23:08 DOY=294  
 GOES Start End times Qual=00  
 HXRBS\* 23:08:30 23:08:40 23:08:50 Peak...c/s=60 Qual=01 MaxkeV=88  
 UVSP 22:51 Wavelength=2788A Qual=01 Exp #=98655 Rast=243"x243" Pitch=+501", Yaw=-338"

Event # = 12255  
 89/10/22,01:04 DOY=295  
 Optical Start End times Carr. Lon.=127deg H.Ang=61deg  
 GOES S14E58 AR5754 Mac.=DSI  
 HXRBS\* 00:58 01:04 01:11 Importance=M1 Qual=03 MaxkeV=218  
 UVSP 00:59:15 01:00:52 01:07:45 Peak...c/s=407 Qual=01 Rast=180"x1" Pitch=+372", Yaw=-182"  
 Wavelength=2788A Code=00 Exp #=98657

Event # = 12256  
 89/10/22,02:21 DOY=295  
 Optical Start End times Carr. Lon.=208deg H.Ang=39deg  
 GOES S27W23 AR5747 Mac.=EKC  
 HXRBS\* 02:17 02:21 02:25 Importance=C4 Qual=01 MaxkeV=114  
 UVSP 02:18:38 02:19:30 02:20:41 Peak...c/s=209 Qual=01 Rast=180"x1" Pitch=+372", Yaw=-193"  
 Wavelength=2788A Code=00 Exp #=98659

Event # = 23376		DOY=295		End times			
89/10/22, 09:55	Start	Peak					
GOES	09:32	09:55	10:19	CaPeak.c/s=39	Qual=00	FePeak=09:55	dt= 7.7s XEN=929500
BCS				WaveLength=1375A	Qual=1	Exp #=98680	Rast=240"x240" Cad= 262s 1.024s/pixel
UVSP	09:54						Step=5" Pitch=-471", Yaw=+428"
Event # = 12257		DOY=295		End times			
89/10/22, 10:56	Start	Peak					
GOES	10:56:07	10:56:35	10:57:19	Peak...c/s=41	Qual=00	Tot Cts=339	Flags=SN
HXRBS*	11:00			WaveLength=1375A	Qual=02	Exp #=98684	Step=5" Pitch=+497", Yaw=-425"
UVSP							
Event # = 12258		DOY=295		End times			
89/10/22, 11:24	Start	Peak					
Optical	11:17	11:24	11:51	Ha...Class=SN	S27W26	AR5747	Carr. Lon.=206deg H. Ang=41deg
GOES	11:17:06	11:18:41	11:41:32	Importance=M2	Qual=03		
HXRBS*	11:17	11:23	11:52	Peak...c/s=2995	Qual=01	Tot Cts=1.99E+5	Flags=M5
BCS				CaPeak.c/s=1072	Qual=1	FePeak=11:23	#Peaks=1 dt= 3.8s XEN=929501
FCS							Step=10" Cad= 332s 1.024s/pixel
UVSP	11:16			WaveLength=1375A	Code=00	Exp #=98688	Step=5" Pitch=+514", Yaw=-389"
Radio	Frequency (MHz)/Flux(sfu):	2695/80	4995/110	8800/93	15400/180		
Event # = 12259		DOY=295		End times			
89/10/22, 11:46	Start	Peak					
Optical	11:45:40	11:46:23	11:47:28	Ha...Class=SF	N12W67	AR5750	Carr. Lon.=246deg H. Ang=66deg
GOES	11:37			Peak...c/s=80	Qual=00		
HXRBS*				WaveLength=1375A	Qual=01	Tot Cts=1031	Step=5" Pitch=+529", Yaw=-377"
UVSP						Exp #=98692	
Event # = 12260		DOY=295		End times			
89/10/22, 12:47	Start	Peak					
Optical	12:41:55	12:43:39	12:46:20	Ha...Class=SF	S22W30	AR5747	Carr. Lon.=209deg H. Ang=40deg
GOES	12:47	12:47	13:06	Peak...c/s=60	Qual=01		
HXRBS*	12:47	12:47	13:06	CaPeak.c/s=50	Qual=03	Tot Cts=2593	Flags=EG
BCS					Qual=5	FePeak=12:47	#Peaks=1 dt= 3.8s XEN=929502
FCS							Step=10" Cad= 332s 1.024s/pixel
UVSP	12:35			WaveLength=1375A		Exp #=98695	Step=5" Pitch=+513", Yaw=-398"
Radio	Frequency (MHz)/Flux(sfu):	245/74					
Event # = 12261		DOY=295		End times			
89/10/22, 13:40	Start	Peak					
Optical	13:08	13:40	13:54	Ha...Class=IF	S22E54	AR5754	Carr. Lon.=124deg H. Ang=59deg
GOES	13:08:30	13:10:33	13:17:43	Importance=C9	Qual=02		
HXRBS*	13:09	13:11	13:23	Peak...c/s=134	Qual=11	Tot Cts=6206	Flags=DG
BCS				CaPeak.c/s=118	Qual=1	FePeak=13:11	#Peaks=1 dt= 7.7s XEN=929503
FCS							Step=15" Cad= 262s 1.024s/pixel
UVSP	14:04			WaveLength=1375A		Exp #=98702	Step=5" Pitch=+496", Yaw=-447"
Radio	Frequency (MHz)/Flux(sfu):	1415/120	4995/65				

Event # = 12262	DOY=295	End times	Mac. =DSI	AR5754	Carr. Lon.=129deg	H. Ang=54deg
89/10/22 14:16	Peak					
Optical	Ha...Class=SF	S20E49				
GOES	Peak...c/s=63	Qual=00				
HXRBS* 14:15:12	14:16:06 14:16:37	Qual=01	MaxkeV=114	Tot Cts=386	Step=0"	Pitch=+518" , Yaw=-474"
UVSP 14:07	WaveLength=1375A		Rast=10"x10"	Exp #=98704		
Event # = 12263	DOY=295	End times	Mac. =DSI	AR5754	Carr. Lon.=129deg	H. Ang=54deg
89/10/22 14:32	Peak					
Optical	Ha...Class=SF	S20E49				
GOES	Peak...c/s=51	Qual=00				
HXRBS* 14:32:05	14:32:27 14:32:49	Qual=01	MaxkeV=114	Tot Cts=352	Step=0"	Pitch=+548" , Yaw=-425"
UVSP 14:20	WaveLength=1375A		Rast=10"x10"	Exp #=98706		
Event # = 12264	DOY=295	End times	MaxkeV=114	Tot Cts=389	Step=0"	Pitch=+498" , Yaw=-437"
89/10/22 14:42	Peak		Rast=10"x10"	Exp #=98708		
GOES	Peak...c/s=47	Qual=00				
HXRBS* 14:41:00	14:42:04 14:42:34	Qual=01				
UVSP 14:33	WaveLength=1375A					
Event # = 12265	DOY=295	End times	Mac. =EKC	AR5747	Carr. Lon.=207deg	H. Ang=44deg
89/10/22 18:05	Peak			AR5754	Carr. Lon.=125deg	H. Ang=56deg
Optical	Ha...Class=2B	S27W31				
Optical	Ha...Class=SF	S19E51				
GOES 17:38	18:05 20:55	Qual=02	MaxkeV=114	Tot Cts=16714	Flags=SG,EG,ND	
HXRBS* 17:23:27	17:25:20 17:31:14	Qual=04	FePeak.c/s=13	FePeak=20:09	#Peaks=1 dt= 3.8s	XEN=929505
BGS 20:05	20:07 20:46	Qual= 5	Rast=180"x180"		Step=10" Cad= 332s	1.024s/pixel
FCS	Frequency(MHz)/Flux(sfu): 245/52					
Radio	Associated Event # = 23377					
BGS 20:04	20:07 20:23	Qual= 5	FePeak.c/s=14	FePeak=20:07	#Peaks=1 dt= 3.8s	XEN=929504
FCS	CaPeak.c/s=358		Rast=180"x180"		Step=10" Cad= 332s	1.024s/pixel
UVSP 20:09	WaveLength=1375A		Rast=265"x265"	Exp #=98738	Pitch=5" Step=5"	Yaw=-488"
Event # = 12266	DOY=295	End times	MaxkeV=62	Tot Cts=199	Step=5"	Pitch=+519" , Yaw=-448"
89/10/22 20:41	Peak		Rast=30"x30"	Exp #=98744		
GOES	Peak...c/s=57	Qual=00				
HXRBS* 20:40:54	20:41:24 20:41:55	Qual=01				
UVSP 20:33	WaveLength=1375A					
Event # = 23379	DOY=295	End times	FePeak.c/s=7	FePeak=21:53	dt= 7.7s	XEN=929506
89/10/22 21:40	Peak		Rast=240"x240"	Exp #=98747	Step=15" Cad= 262s	1.024s/pixel
GOES	CaPeak.c/s=83	Qual=00			Pitch=+492" , Yaw=-498"	
BGS 21:40	21:40 22:19	Qual= 5				
FCS	WaveLength=1375A					
UVSP 21:40						





Event # = 23381  
 89/10/23,03:44 D0Y=296  
 Peak Start End times  
 GOES 03:40 03:44 03:51  
 BCS 03:57 03:57 04:13  
 FCS  
 UVSP 03:31  
 Importance=C7  
 CaPeak.c/s=263  
 Wavelength=2788A  
 Code=00  
 Exp #=98762  
 FePeak.c/s=61  
 Rast=180"x180"  
 Rast=180"x1" =98762  
 #Peaks=1  
 Step=10" XEN=929602  
 Cad= 332s 1.024s/pixel  
 Pitch=+259" ,Yaw=-437"

Event # = 12272  
 89/10/23,04:25 D0Y=296  
 Peak Start End times  
 Optical  
 GOES 04:10 04:25 05:04  
 HXRBS\* 04:10:14 04:12:47 04:18:01  
 UVSP 03:31  
 Radio Frequency(MHz)/Flux(sfu):  
 Ha...Class=SF S26W39 AR5747 H-Ang=49deg  
 Importance=M1 Qual=03  
 Peak...c/s=310 Qual=14  
 Wavelength=2788A Code=00 Tot Cts=20061  
 Exp #=98762  
 MaxkeyV=114  
 Rast=180"x1" Step=0" Pitch=+259" ,Yaw=-437"

Event # = 12642  
 89/10/23,11:17 D0Y=296  
 Peak Start End times  
 Optical  
 GOES 11:15:24 11:17:28 11:17:50  
 HXRBS\* 11:20  
 UVSP  
 Ha...Class=SF S27W42 AR5747 H-Ang=52deg  
 Peak...c/s=50 Qual=00  
 Wavelength=1375A Qual=01  
 Tot Cts=488  
 Exp #=98786  
 MaxkeyV=62  
 Rast=265"x265" Pitch=+485" ,Yaw=-583"

Event # = 23382  
 89/10/23,11:23 D0Y=296  
 Peak Start End times  
 Optical  
 GOES 11:23 11:23 11:57  
 BCS 11:37  
 FCS  
 UVSP 11:20  
 Ha...Class=SF S27W42 AR5747 H-Ang=52deg  
 CaPeak.c/s=95 Qual=00  
 Peak3...c/s=6124 Qual= 5  
 Wavelength=1375A FePeak=11:23  
 Exp #=98786

Event # = 12643  
 89/10/23,12:43 D0Y=296  
 Peak Start End times  
 Optical  
 GOES 12:34 12:43 13:26  
 HXRBS\* 12:46:14 12:46:34 13:10:20  
 BCS 12:47 12:47 13:48  
 FCS  
 UVSP 12:52  
 Radio Frequency(MHz)/Flux(sfu):  
 Ha...Class=28 S27W42 AR5747 H-Ang=52deg  
 Importance=X2 Qual=05  
 Peak...c/s=715 Qual=02 Tot Cts=4585  
 CaPeak.c/s=5000 Qual= 5 FePeak=12:47  
 Peak3...c/s=-1  
 Wavelength=1375A Code=02 Exp #=98795  
 4995/440 8800/1300 15400/2500

Event # = 12273  
 89/10/23,14:53 D0Y=296  
 Peak Start End times  
 Optical  
 GOES 14:53:05 14:53:35 14:54:01  
 HXRBS\* 14:54  
 UVSP  
 Ha...Class=SF S30W40 AR5747 H-Ang=52deg  
 Peak...c/s=51 Qual=00  
 Wavelength=1375A Qual=01  
 Tot Cts=354  
 Exp #=98809  
 MaxkeyV=88  
 Rast=150"x150" Pitch=+470" ,Yaw=-590"

Event # = 12280		89/10/23, 22:18		DOY=296		Peak		End times	
Optical	Start	22:14	22:18	22:21	22:23	AR5747	AR5747	Mac.=EKC	Carr. Lon.=206deg
GOES	22:14	22:18	22:21	22:21	22:23	AR5747	AR5747	Mac.=EKC	H. Ang=54deg
HXRBS*	22:14:05	22:15:44	22:16:12	22:16:12	22:23	Tot Cts=2166	Tot Cts=2166	MaxkeV=88	#Peaks=1
BCS	22:16	22:19	22:23	22:23	22:23	FePeak=22:16	FePeak=22:16	Rast=240"x240"	dt= 3.8s
FCS	22:16	22:19	22:23	22:23	22:23	CaPeak.c/s=48	CaPeak.c/s=48	Rast=30"x30"	XEN=929605
UVSP	22:13	22:19	22:23	22:23	22:23	WaveLength=1375A	Code=00	Exp #=98853	Step=15"
Radio	Frequency(MHz)/Flux(sfu):	606/280							Pitch=+471", Yaw=-631"
Event # = 12644		89/10/23, 23:41		DOY=296		Peak		End times	
Optical	Start	23:34	23:41	23:51	23:51	AR5747	AR5747	Mac.=EKC	Carr. Lon.=207deg
GOES	23:34	23:41	23:51	23:51	23:51	AR5747	AR5747	Mac.=EKC	H. Ang=57deg
HXRBS*	23:35:27	23:36:32	23:38:59	23:38:59	00:15	Tot Cts=15200	Tot Cts=15200	MaxkeV=114	Flags=I
BCS	23:31	23:40	00:15	00:15	00:15	FePeak=23:38	FePeak=23:38	Rast=180"x180"	#Peaks=1
FCS	23:31	23:40	00:15	00:15	00:15	CaPeak.c/s=260	CaPeak.c/s=260	Rast=180"x180"	dt= 3.8s
UVSP	00:14	00:15	00:15	00:15	00:15	WaveLength=2788A	Code=00	Exp #=98859	XEN=929606
Radio	Frequency(MHz)/Flux(sfu):	4995/44	8800/64	15400/72					Pitch=+350", Yaw=-483"
Event # = 12645		89/10/24, 00:58		DOY=297		Peak		End times	
Optical	Start	00:55	00:58	01:01	01:01	AR5747	AR5747	Mac.=EKC	Carr. Lon.=204deg
GOES	00:55	00:58	01:01	01:01	01:01	AR5747	AR5747	Mac.=EKC	H. Ang=57deg
HXRBS*	00:56:00	00:56:06	00:56:56	00:56:56	00:56:56	Tot Cts=644	Tot Cts=644	MaxkeV=88	Flags=I
UVSP	00:48	00:48	00:56:06	00:56:56	00:56:56	Exp #=98860	Exp #=98860	Rast=180"x1"	Step=0"
Radio	Frequency(MHz)/Flux(sfu):	4995/44	8800/64	15400/72					Pitch=+349", Yaw=-485"
Event # = 12646		89/10/24, 01:16		DOY=297		Peak		End times	
Optical	Start	01:15	01:16	01:16	01:16	AR5747	AR5747	Mac.=EKC	Carr. Lon.=204deg
GOES	01:15	01:16	01:16	01:16	01:16	AR5747	AR5747	Mac.=EKC	H. Ang=57deg
HXRBS*	01:15:08	01:16:05	01:16:42	01:16:42	01:16:42	Tot Cts=764	Tot Cts=764	MaxkeV=62	Flags=I
UVSP	01:41	01:41	01:16:05	01:16:42	01:16:42	Exp #=98861	Exp #=98861	Rast=180"x1"	Step=0"
Radio	Frequency(MHz)/Flux(sfu):	4995/44	8800/64	15400/72					Pitch=+349", Yaw=-490"
Event # = 12647		89/10/24, 01:18		DOY=297		Peak		End times	
Optical	Start	01:18	01:18	01:18	01:18	AR5747	AR5747	Mac.=EKC	Carr. Lon.=204deg
GOES	01:18	01:18	01:18	01:18	01:18	AR5747	AR5747	Mac.=EKC	H. Ang=57deg
HXRBS*	01:18:14	01:18:33	01:18:58	01:18:58	01:18:58	Tot Cts=172	Tot Cts=172	MaxkeV=62	Flags=I
UVSP	01:41	01:41	01:18:33	01:18:58	01:18:58	Exp #=98861	Exp #=98861	Rast=180"x1"	Step=0"
Radio	Frequency(MHz)/Flux(sfu):	4995/44	8800/64	15400/72					Pitch=+349", Yaw=-490"
Event # = 12648		89/10/24, 01:20		DOY=297		Peak		End times	
Optical	Start	01:20	01:20	01:20	01:20	AR5747	AR5747	Mac.=DKC	Carr. Lon.=204deg
GOES	01:20	01:20	01:20	01:20	01:20	AR5747	AR5747	Mac.=DKC	H. Ang=57deg
HXRBS*	01:20:02	01:20:26	01:20:36	01:20:36	01:20:36	Tot Cts=222	Tot Cts=222	MaxkeV=62	Flags=I
UVSP	01:41	01:41	01:20:02	01:20:36	01:20:36	Exp #=98861	Exp #=98861	Rast=180"x1"	Step=0"
Radio	Frequency(MHz)/Flux(sfu):	4995/44	8800/64	15400/72					Pitch=+349", Yaw=-490"

Event # = 12649	DOY=297	Peak	Start	End times	Ha...Class=SF	S32W45 Qual=00	AR5747	Mac.=DKC	Carr. Lon.=204deg	H. Ang=57deg
89/10/24, 01:24						Qual=01		MaxkeV=88	Flags=I	
Optical								Rast=180"x1"	Step=0"	Pitch=+349", Yaw=-490"
GOES										
HXRBS*	01:23:06	01:24:02	01:24:36		Peak...c/s=51		Tot Cts=466			
UVSP	01:41				Wavelength=2788A		Exp #=98861			
Event # = 12650	DOY=297	Peak	Start	End times	Ha...Class=SF	S32W45 Qual=00	AR5747	Mac.=DKC	Carr. Lon.=204deg	H. Ang=57deg
89/10/24, 01:32						Qual=01		MaxkeV=88	Flags=I	
Optical						Qual=4		FePeak.c/s=8	#Peaks=1	
GOES								Rast=180"x180"	Step=10"	XEN=929700
HXRBS*	01:28:59	01:30:07	01:30:25		Peak...c/s=46		Tot Cts=457			dt= 7.7s
BCS	01:29	01:32	01:45		CaPeak.c/s=44		FePeak=01:32			Cad= 332s
FCS							Exp #=98861			Pitch=+349", Yaw=-490"
UVSP	01:41				Wavelength=2788A					
Event # = 23383	DOY=297	Peak	Start	End times		Qual=01		FePeak.c/s=6	#Peaks=1	
89/10/24, 02:50						Qual=4		Rast=240"x240"	Step=15"	XEN=929701
Optical								Rast=180"x1"	Step=0"	Cad= 262s
GOES	02:50	02:50	02:54		CaPeak.c/s=23		FePeak=02:50			Pitch=+348", Yaw=-498"
BCS	02:50	02:52			Peak3...c/s=4		Exp #=98863			
FCS										
UVSP	03:14				Wavelength=2788A					
Event # = 12274	DOY=297	Peak	Start	End times		Qual=01		MaxkeV=62	Step=0"	
89/10/24, 02:55						Qual=01		Rast=180"x1"		Pitch=+348", Yaw=-498"
Optical										
GOES										
HXRBS*	02:55:06	02:55:21	02:55:39		Peak...c/s=41		Tot Cts=118			
UVSP	03:14				Wavelength=2788A		Exp #=98863			
Event # = 12275	DOY=297	Peak	Start	End times		Qual=01		Mac.=DKC	Carr. Lon.=209deg	H. Ang=59deg
89/10/24, 03:02						S27W51	AR5747	MaxkeV=62	Flags=ND	
Optical						Qual=01		FePeak.c/s=14	#Peaks=1	
GOES	02:58	03:02	03:04		Ha...Class=SF		Tot Cts=485			XEN=929702
HXRBS*	02:59:07	02:59:28	03:00:41		Importance=C4		FePeak=03:00			Cad= 262s
BCS	02:59	03:01	03:08		Peak...c/s=49		Exp #=98863			Pitch=+348", Yaw=-498"
FCS					CaPeak.c/s=75					
UVSP	03:14				Wavelength=2788A					
Event # = 12277	DOY=297	Peak	Start	End times		Qual=01		Mac.=EAI	Carr. Lon.=211deg	H. Ang=58deg
89/10/24, 04:40						S19W54	AR5748	MaxkeV=114	#Peaks=2	
Optical						Qual=01		FePeak.c/s=10	Step=10"	XEN=929703
GOES	04:26	04:40	05:05		Ha...Class=SF		Tot Cts=1785			Cad= 332s
HXRBS*	04:27:13	04:27:22	04:29:31		Importance=C4		FePeak=04:37			Pitch=+347", Yaw=-505"
BCS	04:26	04:39	04:54		Peak...c/s=139		Exp #=98865			
FCS					CaPeak.c/s=51		Event # = 12276			
UVSP	04:45				Wavelength=2788A		Associated			
HXRBS*	04:23:42	04:23:57	04:24:11		Peak...c/s=59		Event # = 12278			
HXRBS*	04:34:05	04:34:14	04:34:18		Peak...c/s=47		Tot Cts=68			

Event # = 12279	DOY=297	Start	End times	Importance=C5	Qual=01	Tot Cts=1999	MaxkeV=140	#Peaks=1	dt= 7.7s	XEN=929704
89/10/24,05:43	Peak	05:43	05:45	Peak...c/s=135	Qual=01	FePeak=05:43	FePeak.c/s=15	Step=10"	Cad= 332s	1.024s/pixel
GOES		05:40	05:42:24	CaPeak.c/s=100	Qual= 1	Exp #=98866	Rast=180"x180"	Step=0"	Pitch=+347"	Yaw=-509"
HXRBS*		05:41:18	06:11	Peak3...c/s=2	Code=01					
BCS		05:43		Wavelength=2788A						
FCS		05:48								
UVSP		05:22								
Event # = 23384	DOY=297	Start	End times	CaPeak.c/s=32	Qual=02	FePeak=10:58	FePeak.c/s=12	#Peaks=1	dt= 3.8s	XEN=929705
89/10/24,10:58	Peak	10:58	10:59	Wavelength=1375A	Qual= 2	Exp #=98883	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel
GOES		10:10					Rast=30"x30"	Step=5"	Pitch=+399"	Yaw=+717"
BCS		10:58								
FCS		10:22								
UVSP		10:22								
Event # = 23385	DOY=297	Start	End times	CaPeak.c/s=50	Qual=05	FePeak=11:42	FePeak.c/s=11	#Peaks=1	dt= 3.8s	XEN=929706
89/10/24,11:44	Peak	11:44	12:29	Wavelength=1375A	Qual= 4	Exp #=98890	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel
GOES		11:42					Rast=30"x30"	Step=5"	Pitch=+458"	Yaw=-712"
BCS		11:42								
FCS		11:43								
UVSP		11:43								
Event # = 23386	DOY=297	Start	End times	CaPeak.c/s=39	Qual=00	FePeak=13:06	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=929707
89/10/24,13:06	Peak	13:06	13:19	Wavelength=1375A	Qual= 5	Exp #=98897	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel
GOES		13:06					Rast=265"x265"	Step=5"	Pitch=+470"	Yaw=-716"
BCS		13:06								
FCS		13:11								
UVSP		13:11								
Event # = 12281	DOY=297	Start	End times	Peak...c/s=44	Qual=01	Tot Cts=71	MaxkeV=62	Step=5"	Pitch=+477"	Yaw=-674"
89/10/24,13:17	Peak	13:17:55	13:18:08	Wavelength=1375A	Qual=01	Exp #=98899	Rast=30"x30"			
GOES		13:17:43								
HXRBS*		13:17:55								
UVSP		13:13								
Event # = 12282	DOY=297	Start	End times	Peak...c/s=74	Qual=00	Tot Cts=390	MaxkeV=88	Step=5"	Pitch=+477"	Yaw=-675"
89/10/24,13:27	Peak	13:27:19	13:27:32	Wavelength=1375A	Qual=01	Exp #=98901	Rast=30"x30"			
GOES		13:27:11								
HXRBS*		13:27:19								
UVSP		13:25								
Event # = 12283	DOY=297	Start	End times	Peak...c/s=55	Qual=00	Tot Cts=612	MaxkeV=62	Step=5"	Pitch=+477"	Yaw=-675"
89/10/24,13:35	Peak	13:35:07	13:36:46	Wavelength=1375A	Qual=03	Exp #=98901	Rast=30"x30"			
GOES		13:35:07								
HXRBS*		13:35:27								
UVSP		13:25								

Event # = 12285  
 89/10/24, 14:02 DOY=297  
 Peak Start End times  
 GOES 13:55 14:02 14:09  
 HXRBS\* 13:53:28 13:54:10 14:00:10 Importance=C7 Qual=02  
 BCS 13:36 13:59 14:01 Peak...c/s=62 Qual=01  
 FCS dt= 7.7s XEN=929708  
 UVSP 13:47 Wavelength=1375A Code=01 Exp #=98905 FePeak.C/s=42 #Peaks=2  
 HXRBS\* 13:49:53 13:50:04 13:50:14 Peak...c/s=48 Associated Event # = 12284 FePeak=10" dt= 7.7s XEN=929708  
 Qual=01 Tot Cts=3380 FePeak=13:59 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel  
 MaxkeV=88  
 Rast=30"x30" Step=5" Pitch=+467", Yaw=-706"  
 MaxkeV=62

Event # = 23387  
 89/10/24, 14:48 DOY=297  
 Peak Start End times  
 GOES 14:37 14:48 15:32  
 BCS CaPeak.c/s=40 Qual=00  
 FCS Wavelength=1375A Qual=4  
 UVSP 14:44 Exp #=98908 FePeak=14.48  
 dt= 3.8s XEN=929709  
 Cad= 332s 1.024s/pixel  
 Pitch=+426", Yaw=-770"

Event # = 12286  
 89/10/24, 15:22 DOY=297  
 Peak Start End times  
 GOES 15:21:01 15:22:07 15:26:28  
 HXRBS\* 15:21:01 15:22:07 15:26:28 Peak...c/s=54 Qual=03  
 UVSP 15:18 Wavelength=1375A Qual=01  
 Tot Cts=1654  
 Exp #=98914 MaxkeV=88  
 Rast=30"x30" Step=5" Pitch=+421", Yaw=-777"

Event # = 12287  
 89/10/24, 18:31 DOY=297  
 Peak Start End times  
 Optical Code=EPL S42W90 Carr. Lon.=239deg H. Ang=93deg  
 GOES 17:36 18:31 02:24 Importance=X6 Qual=02  
 HXRBS\* 17:59:51 18:10:24 19:49:54 Peak...c/s=72444 Qual=14 Tot Cts=6.95E+7 MaxkeV=461  
 GRS 17:57:00 18:12:00 CaPeak.c/s=6938 Qual=2 FePeak=18:12 dt= 7.7s XEN=929713  
 BCS 17:49 18:09 18:14 Wavelength=1375A Code=00 Exp #=98930 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel  
 FCS Type/Intensity: II/3 IV/3 V/3 Rast=20"x30" Step=1" Pitch=+499", Yaw=-720"  
 UVSP 18:21 Radio Sweeps Frequency(MHz)/Flux(sfu): 245/760 410/3000 606/1600 1415/2900 2695/9800 4995/47000 8800/48000 15400/26000 Dur=900sec  
 Radio Frequency(MHz)/Flux(sfu): 245/760 410/3000 606/1600 1415/2900 2695/9800 4995/47000 8800/48000 15400/26000  
 BCS 19:16 19:16 19:48 CaPeak.c/s=7571 Qual=5 Associated Event # = 23389 FePeak.c/s=1909 #Peaks=1 dt= 3.8s XEN=929712  
 FCS Wavelength=1375A Exp #=98933 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel  
 UVSP 19:15 MaxkeV=245 Rast=265"x265" Step=5" Pitch=+284", Yaw=-826"

89/10/25 DOY=298  
 Event # = 12288  
 89/10/25, 15:41 DOY=298  
 Peak Start End times  
 GOES 15:35:38 15:41:58 15:46:49  
 HXRBS\* 15:35:38 15:41:58 15:46:49 Peak...c/s=68 Qual=00  
 UVSP 15:41 Wavelength=1375A Qual=02 Tot Cts=3834 MaxkeV=245  
 Exp #=99010 Rast=110"x200" Step=5" Pitch=+374", Yaw=-841"

Event # = 12289		DOY=298											
89/10/25,16:39	Start	16:39	Peak	AR5747	Mac.=DKI	Carr. Lon.=202deg	H. Ang=71deg						
Optical													
GOES		16:33		S28W65									
HXRBS*		16:32:28	17:23:30	Qual=03									
GRS		16:35:00	16:37:00	Peak...c/s=42430	Qual=11	Tot Cts=3.29E+6	MaxkeV=461	Flags=IS,DG,ND					
BCS		16:37	16:59	CaPeak.c/s=6419	Qual=1	FePeak=16:39							
FCS									Dur=120sec				
UVSP		16:35		Wavelength=1375A	Code=00	Exp #=99013			XEN=929800				
Radio				2695/83 4995/430	8800/2100	15400/4100			Rast=180"x180"				
BCS		16:59	17:00	Associated	Event # = 23390				Step=10"				
FCS				CaPeak.c/s=185	Qual=5	FePeak=16:59			Pitch=5"				
UVSP		16:53		Wavelength=1375A		Exp #=99015			Step=5"				
Event # = 12651		DOY=298											
89/10/25,18:31	Start	18:31	Peak										
GOES													
HXRBS*		18:26:04	18:30:07	Qual=03		Tot Cts=1900							
BCS		18:28	18:34	Peak...c/s=58	Qual=01	FePeak=18:31							
FCS				CaPeak.c/s=78	Qual=2								
UVSP		18:24		Wavelength=1375A		Exp #=99022							
Event # = 12290		DOY=298											
89/10/25,21:45	Start	21:45	Peak										
GOES													
HXRBS*		21:45:48	21:46:01	Qual=00		Tot Cts=382							
UVSP		21:45		Peak...c/s=96	Qual=11	Exp #=99038							
Radio				Wavelength=1375A									
Sweeps				Type/Intensity: III/I									
Event # = 23391		DOY=298											
89/10/25,22:41	Start	22:41	Peak	AR5747	Mac.=DKI	Carr. Lon.=211deg	H. Ang=81deg						
Optical													
GOES				S27W77									
BCS		22:39	22:57	Qual=00									
FCS				CaPeak.c/s=73	Qual=4	FePeak=22:41							
UVSP		22:38		Wavelength=2788A		Exp #=99041							
Event # = 12291		DOY=298											
89/10/25,22:55	Start	22:55	Peak										
GOES													
HXRBS*		22:54:52	22:55:04	Qual=00		Tot Cts=456							
UVSP		22:55		Peak...c/s=129	Qual=01	Exp #=99041							
				Wavelength=2788A									
Event # = 12293		DOY=299											
89/10/26,00:47	Start	00:47	Peak	89/10/26	DOY=299								
GOES													
HXRBS*		00:47:35	00:47:39	Qual=00		Tot Cts=96							
UVSP		00:49		Peak...c/s=58	Qual=01	Exp #=99044							
				Wavelength=2788A									

Event # = 12292	DOY=299	End times	Qual=02	MaxkeV=165	Step=0"	Pitch=+318"	Yaw=-658"
89/10/26,00:53	Peak		Qual=01	Rast=180"x1"			
GOES							
HXRBS* 00:53:07	00:53:37	00:54:42	Peak...c/s=319	Tot Cts=4574			
UVSP 00:49			Wavelength=2788A	Exp #=99044			
Event # = 23392	DOY=299	End times	Qual=00	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=929900
89/10/26,05:12	Peak		Qual= 1	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel
GOES				Rast=180"x1"	Step=0"	Pitch=+315"	Yaw=-666"
BCS 05:09	05:12	05:18	CaPeak.c/s=30	FePeak=05:10			
FCS			Wavelength=2788A	Exp #=99050			
UVSP 05:23			III/1				
Radio Sweeps	Type/Intensity:						
Event # = 23393	DOY=299	End times	Qual=00	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=929901
89/10/26,06:56	Peak		Qual= 4	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel
GOES				Rast=265"x265"	Step=5"	Pitch=+442"	Yaw=-840"
BCS 06:56	06:56	06:59	CaPeak.c/s=19	FePeak=06:57			
FCS			Wavelength=1375A	Exp #=99056			
UVSP 06:55							
Event # = 23394	DOY=299	End times	Qual=00	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=929902
89/10/26,08:09	Peak		Qual= 4	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel
GOES				Rast=10"x10"	Step=0"	Pitch=-324"	Yaw=+896"
BCS 08:06	08:09	08:14	CaPeak.c/s=21	FePeak=08:06			
FCS			Wavelength=1375A	Exp #=99062			
UVSP 08:01			III/1				
Radio Sweeps	Type/Intensity:						
Event # = 12294	DOY=299	End times	Qual=04	MaxkeV=62	#Peaks=1	dt= 3.8s	XEN=929903
89/10/26,09:12	Peak		Qual=01	FePeak.c/s=15	Step=15"	Cad= 262s	1.024s/pixel
GOES			Importance=C2	Rast=240"x240"	Step=0"	Pitch=-323"	Yaw=+907"
HXRBS* 09:10:16	09:11:07	09:11:29	Peak...c/s=51	Tot Cts=507			
BCS 09:11	09:13	09:23	CaPeak.c/s=79	FePeak=09:13			
FCS			Wavelength=1375A	Exp #=99066			
UVSP 08:28			III/1				
Event # = 12295	DOY=299	End times	Qual=01	MaxkeV=62	#Peaks=1	dt= 7.7s	XEN=929904
89/10/26,11:15	Peak		Qual=01	FePeak.c/s=6	Step=15"	Cad= 262s	1.024s/pixel
GOES			Importance=C2	Rast=240"x240"	Step=0"	Pitch=+406"	Yaw=-868"
HXRBS* 11:12:59	11:13:12	11:13:24	Peak...c/s=43	Tot Cts=95			
BCS 11:14	11:14	11:20	CaPeak.c/s=20	FePeak=11:14			
FCS			Wavelength=1375A	Exp #=99078			
UVSP 11:04			III/1				

Event # = 23395		DOY=299													
89/10/26	12:05	Start	Peak	End times											
GOES	11:58	12:05	12:14	12:15	Importance=C5	Qual=05									
BCS	12:12	12:14		12:45	CaPeak.c/s=79	Qual=5	FePeak=12:14								
FCS															
UVSP	12:16				Wavelength=1375A		Exp #=99083								
Event # = 12296		DOY=299													
89/10/26	12:31	Start	Peak	End times											
Optical					Ha...Class=SF	S30W80	AR5747								
GOES						Qual=00									
HXRBS*	12:31:33	12:31:48	12:33:04	12:33:04	Peak...c/s=194	Qual=01	Tot Cts=1374								
UVSP	12:18				Wavelength=1375A		Exp #=99084								
Event # = 12297		DOY=299													
89/10/26	12:35	Start	Peak	End times											
Optical					Ha...Class=SF	S30W80	AR5747								
GOES						Qual=00									
HXRBS*	12:35:03	12:35:33	12:35:43	12:35:43	Peak...c/s=54	Qual=01	Tot Cts=324								
UVSP	12:34				Wavelength=1375A		Exp #=99085								
Event # = 12298		DOY=299													
89/10/26	14:25	Start	Peak	End times											
GOES						Qual=00									
HXRBS*	14:23:19	14:23:43	14:24:22	14:24:22	Peak...c/s=148	Qual=01	Tot Cts=1690								
BCS	14:25	14:25	14:28	14:28	CaPeak.c/s=22	Qual=4	FePeak=14:26								
FCS															
UVSP	14:17				Wavelength=1375A		Exp #=99096								
Event # = 12299		DOY=299													
89/10/26	14:34	Start	Peak	End times											
GOES						Qual=00									
HXRBS*	14:34:19	14:35:16	14:35:40	14:35:40	Peak...c/s=70	Qual=01	Tot Cts=1077								
BCS	14:34	14:34	14:36	14:36	CaPeak.c/s=21	Qual=2	FePeak=14:35								
FCS															
UVSP	14:31				Wavelength=1375A		Exp #=99098								
Event # = 12300		DOY=299													
89/10/26	15:23	Start	Peak	End times											
GOES						Qual=00									
HXRBS*	15:20:04	15:20:26	15:21:12	15:21:12	Peak...c/s=45	Qual=01	Tot Cts=298								
BCS	15:15	15:23	15:36	15:36	CaPeak.c/s=44	Qual=1	FePeak=15:23								
FCS															
UVSP	15:22				Wavelength=1375A		Exp #=99101								



Event # = 12301																
89/10/26,15:30	Start	DOY=299	Peak	End times	Ha...Class=SF	S28W87	AR5747	Mac.=EKI	Carr. Lon.=212deg	H. Ang=90deg						
Optical						Qual=00										
GOES					Peak...c/s=102	Qual=01	Tot Cts=459	MaxkeV=140	Step=0"	Pitch=+420"	Yaw=-866"					
HXRBS*	15:29:50	15:30:09	15:30:23	15:30:23	Wavelength=1375A		Exp #=99101	Rast=10"x10"								
UVSP	15:22															
Event # = 12302																
89/10/26,15:30	Start	DOY=299	Peak	End times	Ha...Class=SF	S28W87	AR5747	Mac.=EKI	Carr. Lon.=212deg	H. Ang=90deg						
Optical						Qual=00										
GOES					Peak...c/s=62	Qual=01	Tot Cts=138	MaxkeV=62	Step=0"	Pitch=+420"	Yaw=-866"					
HXRBS*	15:30:49	15:30:51	15:30:58	15:30:58	Wavelength=1375A		Exp #=99101	Rast=10"x10"								
UVSP	15:22															
Event # = 12303																
89/10/26,20:06	Start	DOY=299	Peak	End times	Peak...c/s=53	Qual=00	Tot Cts=104	MaxkeV=62	Step=5"	Pitch=+421"	Yaw=-887"					
GOES					Wavelength=1375A	Qual=01	Exp #=99123	Rast=110"x200"								
HXRBS*	20:06:38	20:06:48	20:06:52	20:06:52												
UVSP	19:53															
Event # = 23396																
89/10/26,20:48	Start	DOY=299	Peak	End times	Importance=M8	Qual=05	FePeak=21:20									
GOES					CaPeak.c/s=379	Qual= 5	Exp #=99128	Rast=180"x180"								
BCS	20:44	20:48	21:41	21:41												
FCS	21:20	21:20	21:57	21:57												
UVSP	20:44				Wavelength=1375A	Code=01										
Event # = 12304																
89/10/26,23:04	Start	DOY=299	Peak	End times	Peak...c/s=51	Qual=00	Tot Cts=67	MaxkeV=62	Step=3"	Pitch=+429"	Yaw=-855"					
GOES					Wavelength=2788A	Qual=01	Exp #=99137	Rast=243"x243"								
HXRBS*	23:04:34	23:04:40	23:04:47	23:04:47												
UVSP	22:52															
Event # = 12305																
89/10/26,23:41	Start	DOY=299	Peak	End times	Code=BLSL	S20W90	AR5748	Mac.=EAI	Carr. Lon.=210deg	H. Ang=92deg						
Optical					Code=LPS	S21W90	AR5748		Carr. Lon.=210deg	H. Ang=92deg						
GOES					Importance=M4	Qual=02	Tot Cts=1.14E+5	MaxkeV=191	Flags=M5,EG							
HXRBS*	23:19	23:41	00:53	00:53	Peak...c/s=248	Qual=03	FePeak=23:33	FePeak.c/s=336	#Peaks=1	dt= 7.7s	XEN=929910					
BCS	23:18:22	23:25:26	23:37:54	23:37:54	CaPeak.c/s=1165	Qual= 2	Exp #=99138	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel					
FCS	23:21	23:33	23:35	23:35												
UVSP	23:37				Wavelength=2788A	Code=00										
Radio Sweeps		Type/Intensity:	II/2	III/1												
BCS	00:21	00:22	01:00	01:00	CaPeak.c/s=134	Qual= 5	Event # = 23397	FePeak.c/s=11	#Peaks=1	dt= 3.8s	XEN=930000					
FCS							FePeak=00:22	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel					
UVSP	00:09				Wavelength=2788A		Exp #=99139	Rast=180"x1"	Step=0"	Pitch=+301"	Yaw=-683"					

89/10/27 DOY=300

Event # = 12306  
 89/10/27,00:46 DOY=300  
 Start Peak End times  
 GOES  
 HXRBS\* 00:46:37 00:46:45 00:46:59 Peak...c/s=50 Qual=00  
 Wavelength=2788A  
 UVSP 01:05  
 MaxkeV=88  
 Rast=180"x1" Step=0" Pitch=+301",Yaw=-683"  
 Tot Cts=204  
 Exp #=99140

Event # = 12307  
 89/10/27,02:17 DOY=300  
 Start Peak End times  
 GOES  
 HXRBS\* 02:17:28 02:17:37 02:17:46 Peak...c/s=38 Qual=00  
 Wavelength=2788A  
 UVSP 02:36  
 MaxkeV=62  
 Rast=180"x1" Step=0" Pitch=+301",Yaw=-683"  
 Tot Cts=59  
 Exp #=99142

Event # = 12308  
 89/10/27,02:20 DOY=300  
 Start Peak End times  
 GOES  
 HXRBS\* 02:19:57 02:20:42 02:21:44 Peak...c/s=44 Qual=00  
 Wavelength=2788A  
 UVSP 02:36  
 Radio Frequency(MHz)/Flux(sfu): 4995/23 8800/43 15400/74  
 MaxkeV=88  
 Rast=180"x1" Step=0" Pitch=+301",Yaw=-683"  
 Tot Cts=459  
 Exp #=99142

Event # = 12309  
 89/10/27,02:22 DOY=300  
 Start Peak End times  
 GOES  
 HXRBS\* 02:22:36 02:23:12 02:23:34 Peak...c/s=43 Qual=01  
 BCS 02:20 02:22 02:29 CaPeak.c/s=30  
 FCS  
 UVSP 02:36 Wavelength=2788A  
 MaxkeV=62  
 FePeak.c/s=7  
 Rast=240"x240" #Peaks=1 dt= 7.7s XEN=930001  
 Rast=180"x1" Step=0" Step=15" Cad= 262s 1.024s/pixel  
 Exp #=99142

Event # = 12653  
 89/10/27,05:10 DOY=300  
 Start Peak End times  
 GOES  
 HXRBS\* 05:08:22 05:08:39 05:08:51 Peak...c/s=43 Qual=00  
 BCS 05:09 05:10 05:14 CaPeak.c/s=20  
 FCS  
 UVSP 04:44 Wavelength=2788A  
 MaxkeV=62  
 FePeak.c/s=5  
 Rast=240"x240" Flags=I  
 Rast=180"x1" Step=0" #Peaks=1 dt= 7.7s XEN=930002  
 Exp #=99145

Event # = 12654  
 89/10/27,05:45 DOY=300  
 Start Peak End times  
 GOES  
 HXRBS\* 05:41:52 05:43:05 05:45:06 Peak...c/s=56 Qual=00  
 BCS 05:44 05:45 05:47 CaPeak.c/s=40  
 FCS  
 UVSP 05:37 Wavelength=2788A  
 MaxkeV=62  
 FePeak.c/s=14  
 Rast=240"x240" #Peaks=1 dt= 7.7s XEN=930003  
 Rast=180"x1" Step=0" Step=15" Cad= 262s 1.024s/pixel  
 Exp #=99146

Event # = 23398		DOY=300		End times																	
89/10/27	06:54	Start	Peak																		
GOES	06:53		06:54	CaPeak.c/s=26	Qual=00	FePeak=06:55	Exp #=99150	Wavelength=1375A	Qual=1												
BGS																					
FCS																					
UVSP	06:54																				
Event # = 23399		DOY=300		End times																	
89/10/27	08:31	Start	Peak																		
GOES	08:25		08:31	CaPeak.c/s=49	Qual=01	FePeak=08:29	Exp #=99160	Wavelength=1375A	Qual=1												
BGS																					
FCS																					
UVSP	08:30																				
Event # = 23400		DOY=300		End times																	
89/10/27	11:01	Start	Peak																		
GOES	11:01		11:01	CaPeak.c/s=22	Qual=00	FePeak=11:01	Exp #=99170	Wavelength=1375A	Qual=5												
BGS																					
FCS																					
UVSP	11:01																				
Event # = 12310		DOY=300		End times																	
89/10/27	11:35	Start	Peak																		
Optical																					
GOES	11:29		11:35	Ha...Class=SF	S35W87	AR5747	Mac.=DKO														
HXRBS*	11:29:59		11:31:01	Importance=M6	Qual=03	Tot Cts=1.32E+6	MaxkeV=461														
GRS	11:30:00		11:32:00	Peak...c/s=13200	Qual=03																
BGS	11:15		11:35	CaPeak.c/s=4887	Qual=1	FePeak=11:35	Exp #=99176														
FCS																					
UVSP	11:31																				
Radio																					
Frequency (MHz)/Flux(sfu):		1415/390 2695/1000 4995/1800 8800/3100 15400/3900		Event # = 23401																	
BGS	11:50		11:50	CaPeak.c/s=213	Qual=5	FePeak=11:50	Exp #=99178	Wavelength=1375A													
FCS																					
UVSP	11:44																				
Event # = 12655		DOY=300		End times																	
89/10/27	12:47	Start	Peak																		
GOES	12:34:15		12:37:08	Peak...c/s=84	Qual=01	Tot Cts=8070	MaxkeV=88														
HXRBS*	12:32		12:47	CaPeak.c/s=173	Qual=1	FePeak=12:40	Exp #=99180	Wavelength=1375A													
BGS																					
FCS																					
UVSP	12:35																				
Event # = 23402		DOY=300		End times																	
89/10/27	14:24	Start	Peak																		
GOES	14:16		14:24	CaPeak.c/s=46	Qual=00	FePeak=14:21	Exp #=99188	Wavelength=1375A	Qual=2												
BGS																					
FCS																					
UVSP	14:22																				

Event # = 23403		DOY=300			
89/10/27, 14:47	Start				
	Peak				
GOES		End times	Qual=00		
BGS	14:47	14:53	Qual=5	FePeak=14:48	
FCS					dt= 7.7s XEN=930011
UVSP	14:43				Cad= 332s 1.024s/pxel
		CaPeak.c/s=86	Wavelength=1375A		Pitch=+501", Yaw=-887"
				Exp #=99191	
Event # = 23404		DOY=300			
89/10/27, 15:31	Start				
	Peak				
GOES		End times	Qual=00		
BGS	15:31	15:51	Qual=5	FePeak=15:34	
FCS					dt= 7.7s XEN=930012
UVSP	15:35				Cad= 262s 1.024s/pxel
		CaPeak.c/s=39	Wavelength=1375A		Pitch=+429", Yaw=-855"
				Exp #=99192	
Event # = 12311		DOY=300			
89/10/27, 19:04	Start				
	Peak				
Optical		End times			
GOES	18:57	19:04	S32W90	AR5747	Carr. Lon. =199deg H. Ang=93deg
HXRBS*	18:58:06	19:01:15	Importance=X1		
GRS	19:00:00	19:02:00	Peak...c/s=44537	Tot Cts=5.68E+6	MaxkeV=461
BGS	18:59	19:02	CaPeak.c/s=6479	Qual=2	FePeak=19:02
FCS					dt= 3.8s XEN=930013
UVSP	18:58		Wavelength=1375A	Code=00	Cad= 262s 1.024s/pxel
Radio			Frequency(MHz)/Flux(sfu): 410/70 1415/310 2695/1100	4995/2600 8800/3900 15400/2400	Pitch=+365", Yaw=-942"
Event # = 23405		DOY=300			
89/10/27, 20:06	Start				
	Peak				
GOES		End times	Qual=05		
BGS	20:04	20:06	Qual=5	FePeak=20:09	
FCS					dt= 3.8s XEN=930014
UVSP	20:07				Cad= 332s 1.024s/pxel
		CaPeak.c/s=132	Wavelength=1375A		Pitch=+429", Yaw=-855"
				Exp #=99213	
Event # = 12657		89/10/28 DOY=301			
89/10/28, 04:30	Start				
	Peak				
GOES		End times	Qual=02		
HXRBS*	04:09:10	04:22:46	Qual=13	Tot Cts=5750	Flags=I, EN, DG
BGS	03:40	04:30	Qual=2	FePeak=04:30	#Peaks=2 dt= 7.7s XEN=930100
FCS					Cad= 332s 1.024s/pxel
UVSP	04:24				Step=10" Pitch=+95", Yaw=-756"
		CaPeak.c/s=111	Wavelength=2788A		
				Exp #=99244	
Event # = 12312		DOY=301			
89/10/28, 07:55	Start				
	Peak				
GOES		End times	Qual=02		
BGS	05:10	07:55	Qual=14	Tot Cts=4.45E+5	Flags=M5, I, SN, EN, IN, DG
HXRBS*	05:08:33	05:14:54	Importance=M2	FePeak=05:26	#Peaks=1 dt= 7.7s XEN=930101
BGS	05:11	05:30	Peak...c/s=493		Cad= 332s 1.024s/pxel
FCS			CaPeak.c/s=894		Step=10" Pitch=+209", Yaw=+593"
UVSP					
Radio			Frequency(MHz)/Flux(sfu): 1415/20 2695/21 4995/440	8800/18 15400/97	

BCS	06:42	07:32	07:35	CaPeak.c/s=1337	Qual=2	Associated Event # = 23406	FePeak.c/s=111	#Peaks=1	dt= 7.7s	XEN=930102
FCS						FePeak=07:27	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel
BCS	08:13	08:15	09:06	CaPeak.c/s=1127	Qual=5	Associated Event # = 23407	FePeak.c/s=62	#Peaks=1	dt= 7.7s	XEN=930103
FCS						FePeak=08:30	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel
Event # = 12313										
89/10/28,08:29	DOY=301		End times							
GOES					Qual=00					
HXRBS*	08:24:12	08:29:22	08:33:03	Peak...c/s=81	Qual=01	Tot Cts=6246	MaxkeV=88			
Event # = 23408										
89/10/28,09:46	DOY=301		End times							
GOES					Qual=00					
BCS	09:45	09:46	10:36	CaPeak.c/s=326	Qual=5	FePeak=09:45	FePeak.c/s=14	#Peaks=1	dt= 3.8s	XEN=930104
FCS							Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel
UVSP	09:33			Wavelength=2788A		Exp #=99249	Rast=180"x1"	Step=0"	Pitch=+301"	Yaw=-683"
Event # = 12656										
89/10/28,10:22	DOY=301		End times							
GOES					Qual=00					
HXRBS*	10:21:56	10:22:30	10:23:35	Peak...c/s=48	Qual=01	Tot Cts=403	MaxkeV=62	Flags=1		
UVSP	09:33			Wavelength=2788A		Exp #=99249	Rast=180"x1"	Step=0"	Pitch=+301"	Yaw=-683"
Event # = 23409										
89/10/28,13:20	DOY=301		End times							
GOES					Qual=00					
BCS	13:08	13:20	13:39	CaPeak.c/s=52	Qual=4	FePeak=13:36	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=930105
FCS							Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel
UVSP	13:31			Wavelength=2788A		Exp #=99252	Rast=180"x1"	Step=0"	Pitch=+301"	Yaw=-683"
89/10/29 DOY=302										
Event # = 12314										
89/10/29,21:55	DOY=302		End times							
Optical					N27E78	AR5769	Mac.=CA0	Carr. Lon.=3deg	H. Ang=77deg	
GOES	21:04	21:55	23:14	Ha...Class=2N	Qual=05		MaxkeV=62	Flags=SN		
HXRBS*	22:06:27	22:07:13	22:16:42	Importance=M2	Qual=02	Tot Cts=1882	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=930400
BCS	21:08	21:08	21:40	Peak...c/s=60	Qual=5	FePeak=21:08	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel
FCS				CaPeak.c/s=40			Rast=265" x265"	Step=5"	Pitch=-358"	Yaw=-683"
UVSP	22:12			Wavelength=1375A		Exp #=99288				
89/10/31 DOY=304										
Event # = 12316										
89/10/31,07:47	DOY=304		End times							
GOES					N25W70		Pitch=-384"	Yaw=-823"	Roll=0deg	H. Ang=70deg
HXRBS*	07:46:35	07:47:25	07:48:27	SMM Pointing:	Qual=01	Tot Cts=1226	MaxkeV=88	Step=0"	Pitch=-251"	Yaw=-643"
UVSP	08:13			Peak...c/s=72	Qual=01	Exp #=99332	Rast=180"x1"			
				Wavelength=2788A						

Event # = 12317																				
89/10/31,08:13 Start	DOY=304 Peak	End times	SMM Pointing:	N25W70																
GOES				Qual=00																
HXRBS* 08:13:21	08:13:47	08:14:07	Peak...c/s=55	Qual=01																
UVSP 08:13			WaveLength=2788A																	
Radio Sweeps			Type/Intensity:																	
Radio Frequency(MHz)/Flux(sfu):			245/160																	
Event # = 12318																				
89/10/31,11:00 Start	DOY=304 Peak	End times	SMM Pointing:	N25W72																
GOES				Qual=00																
HXRBS* 11:00:07	11:00:12	11:00:22	Peak...c/s=49	Qual=01																
UVSP 11:16			WaveLength=2788A																	
Radio Sweeps			Type/Intensity:																	
Radio Frequency(MHz)/Flux(sfu):			111/2																	
Event # = 12319																				
89/10/31,11:21 Start	DOY=304 Peak	End times	SMM Pointing:	N25W72																
GOES				Qual=00																
HXRBS* 11:21:06	11:21:13	11:22:09	Peak...c/s=55	Qual=01																
UVSP 11:16			WaveLength=2788A																	
Radio Sweeps			Type/Intensity:																	
Radio Frequency(MHz)/Flux(sfu):			245/160																	
Event # = 12321																				
89/10/31,16:37 Start	DOY=304 Peak	End times	SMM Pointing:	N26W74																
GOES				Qual=04																
HXRBS* 16:13	16:37	17:19	Importance=M1	Qual=02																
UVSP 16:33:26	16:35:38	16:42:30	Peak...c/s=62	Code=00																
UVSP 16:24			WaveLength=2788A																	
Radio Sweeps			Type/Intensity:																	
Radio Frequency(MHz)/Flux(sfu):			245/370																	
Event # = 12322																				
89/11/01,03:14 Start	DOY=305 Peak	End times	SMM Pointing:	N23E41																
GOES				Qual=04																
HXRBS* 03:08	03:14	03:22	Importance=C3	Qual=01																
UVSP 03:09:45	03:10:04	03:11:20	Peak...c/s=94	Code=00																
UVSP 03:01			WaveLength=2788A																	
Radio Frequency(MHz)/Flux(sfu):			245/370																	
Event # = 12323																				
89/11/01,06:28 Start	DOY=305 Peak	End times	SMM Pointing:	N04W00																
GOES				Qual=01																
HXRBS* 06:21	06:28	06:36	Importance=C4	Qual=01																
UVSP 06:20:21	06:21:25	06:23:22	Peak...c/s=65	Code=01																
UVSP 06:03			WaveLength=2788A																	
Radio Sweeps			Type/Intensity:																	
Radio Frequency(MHz)/Flux(sfu):			245/370																	
Event # = 12324																				
89/11/01,21:27 Start	DOY=305 Peak	End times	SMM Pointing:	N23E30																
Optical				Qual=01																
GOES 21:24	21:27	21:32	Ha...Class=SF	N21E81																
HXRBS* 21:24:08	21:24:25	21:25:02	Importance=C2	Qual=01																
UVSP 21:27			Peak...c/s=54	Code=02																
UVSP 21:27			WaveLength=1375A																	
Radio Sweeps			Type/Intensity:																	
Radio Frequency(MHz)/Flux(sfu):			245/370																	



Event # = 12332	89/11/02, 11:11	Start	DOY=306 Peak	End times	SMM Pointing:	M23E23	Pitch=-316", Yaw=+348", Roll=0deg	H. Ang=29deg
GOES						Qual=00		
HXRBS*	11:10:15	11:11:05	11:11:29		Peak...c/s=48	Qual=01	MaxkeV=62	
UVSP	11:45				Wavelength=2788A		Rast=180"x1"	Pitch=-182", Yaw=+273"
Event # = 12333	89/11/02, 11:14	Start	DOY=306 Peak	End times	SMM Pointing:	M23E23	Pitch=-316", Yaw=+348", Roll=0deg	H. Ang=29deg
GOES						Qual=00		
HXRBS*	11:14:34	11:14:38	11:14:52		Peak...c/s=55	Qual=01	MaxkeV=62	
UVSP	11:45				Wavelength=2788A		Rast=180"x1"	Pitch=-182", Yaw=+273"
Event # = 12334	89/11/02, 12:55	Start	DOY=306 Peak	End times	SMM Pointing:	M23E22	Pitch=-316", Yaw=+337", Roll=0deg	H. Ang=28deg
Optical								
Optical					Ha...Class=2B	N19E74	Mac.=DAO	
GOES	12:46	12:55	13:11		Code=BSL	N22E75	Carr.Lon.=320deg	H. Ang=74deg
HXRBS*	12:47:18	12:53:35	13:10:14		Importance=M3	Qual=02	Carr.Lon.=319deg	H. Ang=75deg
UVSP	13:15				Peak...c/s=194	Qual=11	MaxkeV=165	
Radio	Frequency(MHz)/Flux(sfu):	245/6200	606/140		Wavelength=2788A		Rast=180"x1"	Pitch=-181", Yaw=+261"
Event # = 12335	89/11/02, 17:26	Start	DOY=306 Peak	End times	SMM Pointing:	M23E20	Pitch=-315", Yaw=+301", Roll=0deg	H. Ang=27deg
Optical								
GOES					Ha...Class=SF	N19E70	Mac.=DAO	
HXRBS*	17:26:05	17:26:17	17:26:31		Peak...c/s=65	Qual=00	Carr.Lon.=321deg	H. Ang=70deg
UVSP	16:52				Wavelength=2788A	Qual=01	MaxkeV=88	
Radio	Sweeps	Type/Intensity:			V/I		Rast=180"x1"	Pitch=-180", Yaw=+233"
Radio	Frequency(MHz)/Flux(sfu):	245/150			245/150			
Event # = 12336	89/11/02, 18:50	Start	DOY=306 Peak	End times	SMM Pointing:	M05W01	Pitch=-9", Yaw=-9", Roll=14deg	H. Ang=1deg
GOES								
HXRBS*	18:50:31	18:50:59	18:51:29		Peak...c/s=47	Qual=00	MaxkeV=88	
UVSP	18:23				Wavelength=2788A	Qual=01	Rast=180"x1"	Pitch=-134", Yaw=-70"
Event # = 12337	89/11/02, 21:53	Start	DOY=306 Peak	End times	SMM Pointing:	M23E17	Pitch=-315", Yaw=+263", Roll=0deg	H. Ang=25deg
GOES								
HXRBS*	21:52:52	21:53:06	21:53:17		Peak...c/s=93	Qual=00	MaxkeV=114	
UVSP	21:43				Wavelength=1375A	Qual=01	Rast=70"x70"	Pitch=-321", Yaw=+285"
Event # = 12338	89/11/02, 23:35	Start	DOY=306 Peak	End times	SMM Pointing:	M23E16	Pitch=-315", Yaw=+253", Roll=0deg	H. Ang=25deg
GOES								
HXRBS*	23:35:05	23:35:31	23:36:21		Peak...c/s=197	Qual=01	MaxkeV=192	
UVSP	23:11				Wavelength=1375A	Qual=01	Rast=70"x70"	Pitch=-321", Yaw=+274"
Radio	Sweeps	Type/Intensity:			III/2			
Radio	Frequency(MHz)/Flux(sfu):	245/200			245/200			



Event # = 12339  
 89/11/03, 03:55 Start DOY=307 Peak  
 SMM Pointing: N04W00 Pitch=+0", Yaw=+0", Roll=12deg H. Ang=0deg  
 Optical Ha...Class=SF AR5776 Mac.=DK0 Carr. Lon.=320deg H. Ang=65deg  
 GOES 03:48 03:55 04:04 Importance=C3 Qual=01  
 HXRBS\* 03:49:27 03:50:17 03:52:51 Peak...c/s=192 Code=01 Tot Cts=9657 MaxkeV=192  
 UVSP 03:29 03:29 Type/Intensity: V/3 Wavelength=2788A Exp #=99409 Rast=180"x1" Pitch=-3", Yaw=+0"  
 Radio Sweeps

Event # = 12340  
 89/11/03, 05:49 Start DOY=307 Peak  
 SMM Pointing: N04W00 Pitch=+0", Yaw=+0", Roll=0deg H. Ang=0deg  
 GOES 05:49:25 05:49:40 05:50:08 Peak...c/s=52 Qual=00  
 HXRBS\* UVSP 05:56 Wavelength=2788A Exp #=99412 Tot Cts=145 MaxkeV=62  
 Rast=180"x1" Pitch=-3", Yaw=+0"

Event # = 12341  
 89/11/03, 06:48 Start DOY=307 Peak  
 SMM Pointing: N04W00 Pitch=+0", Yaw=+0", Roll=0deg H. Ang=0deg  
 GOES 06:40 06:48 07:05 Importance=M4 Qual=01  
 HXRBS\* 06:41:23 06:45:49 06:52:08 Peak...c/s=1437 Code=00 Tot Cts=73667 MaxkeV=271  
 UVSP 06:30 Wavelength=2788A Exp #=99413 Rast=180"x1" Pitch=-3", Yaw=+0"  
 Radio Sweeps Type/Intensity: III/2 V/3  
 Radio Frequency(MHz)/Flux(stu): 245/4900 410/190 1415/18 2695/22 4995/23 8800/39 15400/54

Event # = 12342  
 89/11/03, 07:21 Start DOY=307 Peak  
 SMM Pointing: N04W00 Pitch=+0", Yaw=+0", Roll=0deg H. Ang=0deg  
 GOES 07:17 07:21 07:24 Importance=C8 Qual=01  
 HXRBS\* 07:16:41 07:19:11 07:20:40 Peak...c/s=162 Code=00 Tot Cts=4250 MaxkeV=140  
 BCS 07:20 07:20 07:22 CaPeak.c/s=28 Exp #=99413 FePeak.c/s=12 dt= 7.7s XEN=930700  
 FCS UVSP 06:30 Wavelength=2788A Rast=180"x1" Cad=3840s 3840s/pixel  
 Step=0" Pitch=-3", Yaw=+0"

Event # = 12343  
 89/11/03, 07:30 Start DOY=307 Peak  
 SMM Pointing: N04W00 Pitch=+0", Yaw=+0", Roll=0deg H. Ang=0deg  
 GOES 07:29:44 07:30:53 07:31:30 Peak...c/s=51 Qual=00  
 HXRBS\* UVSP 06:30 Wavelength=2788A Exp #=99413 Tot Cts=191 MaxkeV=62  
 Radio Frequency(MHz)/Flux(stu): 245/300 2695/24 Rast=180"x1" Step=0" Pitch=-3", Yaw=+0"

Event # = 12659  
 89/11/03, 10:41 Start DOY=307 Peak  
 SMM Pointing: N04W00 Pitch=+2", Yaw=+3", Roll=-178deg H. Ang=0deg  
 Optical Ha...Class=SF AR5776 Mac.=DK0 Carr. Lon.=322deg H. Ang=61deg  
 GOES 10:29 10:41 10:48 Importance=C6 Qual=03  
 HXRBS\* 10:34:11 10:34:42 10:34:57 Peak...c/s=204 Code=01 Tot Cts=2840 MaxkeV=192  
 HXRBS\* 10:30:22 10:30:38 10:31:38 Peak...c/s=78 Associated Event # = 12658  
 Qual=01 Tot Cts=803 MaxkeV=88  
 Flags=1

Event # = 12344		D0Y=307		N16E60		Pitch=-233", Yaw=+805", Roll=0deg		H. Ang=60deg	
89/11/03	15:53	Start	Peak	SMM Pointing:		Carr. Lon.=319deg		H. Ang=60deg	
Optical				Ha...Class=SF					
GOES	15:49	15:53	15:58	Importance=C2	Qual=01	AR5776			
HXRBS*	15:49:19	15:50:41	15:51:31	Peak...c/s=158	Qual=01	Tot Cts=3220			
BCS	15:52	15:53	15:57	CaPeak.c/s=38	Qual= 4	FePeak=15:52			
FCS									
UVSP	16:32			Wavelength=2788A		Exp #=99422			
Radio Sweeps				Type/Intensity:					
				III/1					
Event # = 12345		D0Y=307		N16E60		Pitch=-233", Yaw=+805", Roll=0deg		H. Ang=60deg	
89/11/03	16:03	Start	Peak	SMM Pointing:		Carr. Lon.=10deg		H. Ang=19deg	
Optical				Ha...Class=SF					
GOES	16:02	16:03	16:03:38	Importance=C3	Qual=01	AR5769			
HXRBS*	16:02:48	16:03:02	16:03:38	Peak...c/s=138	Qual=01	Tot Cts=1186			
UVSP	16:32			Wavelength=2788A		Exp #=99422			
Event # = 12346		D0Y=307		N16E60		Pitch=-233", Yaw=+805", Roll=0deg		H. Ang=60deg	
89/11/03	16:08	Start	Peak	SMM Pointing:		Carr. Lon.=10deg		H. Ang=19deg	
Optical				Ha...Class=SF					
GOES	16:05	16:08	16:13	Importance=C3	Qual=03	AR5769			
HXRBS*	16:05:14	16:05:32	16:07:01	Peak...c/s=80	Qual=01	Tot Cts=1384			
UVSP	16:32			Wavelength=2788A		Exp #=99422			
Event # = 23412		D0Y=307		N18E59		Pitch=-233", Yaw=+805", Roll=0deg		H. Ang=59deg	
89/11/03	19:58	Start	Peak	SMM Pointing:		Carr. Lon.=318deg		H. Ang=59deg	
Optical				Ha...Class=SF					
GOES	19:52	19:58	20:08	Importance=M3	Qual=05	AR5776			
BCS	20:19	20:20	20:22	CaPeak.c/s=21	Qual= 5	FePeak=20:20			
FCS									
UVSP	20:09			Wavelength=2788A		Exp #=99425			
Event # = 23413		D0Y=308		N04W00		Pitch=+0", Yaw=+0", Roll=179deg		H. Ang=0deg	
89/11/04	03:56	Start	Peak	SMM Pointing:		Carr. Lon.=179deg		H. Ang=0deg	
Optical				Ha...Class=SF					
GOES	03:53	03:56	04:08	Importance=C3	Qual=01	AR5776			
BCS	03:53	03:56	04:08	Peak...c/s=43	Qual= 1	FePeak=03:54			
FCS									
UVSP	03:58			Wavelength=1375A		Exp #=99433			
Event # = 12347		D0Y=308		N04W00		Pitch=+0", Yaw=+0", Roll=179deg		H. Ang=0deg	
89/11/04	09:46	Start	Peak	SMM Pointing:		Carr. Lon.=179deg		H. Ang=0deg	
Optical				Ha...Class=SF					
GOES	09:57	10:01	10:05	Importance=C3	Qual=04	AR5776			
HXRBS*	09:58:24	09:58:35	09:59:39	Peak...c/s=44	Qual=01	Tot Cts=368			
UVSP	09:46			Wavelength=2788A	Code=00	Exp #=99437			

Event # = 12348 89/11/04, 10:43 Start	DOY=308 Peak		SMM Pointing:	N04W00			Pitch=+0", Yaw=+0", Roll=179deg	H. Ang=0deg
Optical		End times	Ha...Class=SF	N26W06	AR5769		Mac.=EKI Carr. Lon.=15deg	H. Ang=23deg
GOES	10:40	10:45	Importance=C2	Qual=01			MaxkeV=114	
HXRBS*	10:38:01	10:43:31	Peak...c/s=158	Qual=01	Tot Cts=3413		Rast=180"x1"	Pitch=+134", Yaw=-70"
UVSP	09:46		Wavelength=2788A		Exp #=99437		Step=0"	
Event # = 12350 89/11/04, 13:31 Start	DOY=308 Peak		SMM Pointing:	N16E48			Pitch=-222", Yaw=+692", Roll=0deg	H. Ang=49deg
GOES		End times	Peak...c/s=217	Qual=00			Flags=IS	
HXRBS*	13:31:26	13:32:26	Wavelength=2788A	Qual=11	Tot Cts=3024		MaxkeV=140	
UVSP	13:43		245/2300 410/200	606/1800	Exp #=99440		Rast=180"x1"	Pitch=-87", Yaw=+620"
Radio	Frequency(MHz)/Flux(sfu):							
Event # = 12349 89/11/04, 14:31 Start	DOY=308 Peak		SMM Pointing:	N16E48			Pitch=-222", Yaw=+692", Roll=0deg	H. Ang=49deg
Optical		End times	Ha...Class=SF	N22W04	AR5769		Mac.=EKI Carr. Lon.=10deg	H. Ang=18deg
GOES			Peak...c/s=44	Qual=01			MaxkeV=88	
HXRBS*	14:30:36	14:32:03	Wavelength=2788A	Qual=01	Tot Cts=270		Rast=180"x1"	Pitch=-87", Yaw=+617"
UVSP	14:18				Exp #=99441		Step=0"	
Event # = 12351 89/11/04, 21:05 Start	DOY=308 Peak		SMM Pointing:	N16E44			Pitch=-219", Yaw=+647", Roll=0deg	H. Ang=45deg
Optical		End times	Ha...Class=SF	N26W11	AR5769		Mac.=EKI Carr. Lon.=14deg	H. Ang=24deg
GOES			Peak...c/s=86	Qual=00			MaxkeV=88	
HXRBS*	21:05:28	21:06:03	Wavelength=2788A	Qual=01	Tot Cts=532		Rast=39"x39"	Pitch=-147", Yaw=+619"
UVSP	20:43				Exp #=99449		Step=3"	
Radio	Sweeps	Type/Intensity:	III/1					
Radio	Frequency(MHz)/Flux(sfu):		410/1200					
Event # = 12352 89/11/05, 02:42 Start	DOY=309 Peak		SMM Pointing:	N16E41			Pitch=-218", Yaw=+615", Roll=0deg	H. Ang=42deg
GOES		End times	Peak...c/s=62	Qual=01			MaxkeV=114	
HXRBS*	02:42:02	02:42:15	Wavelength=1375A	Qual=01	Tot Cts=663		Rast=70"x70"	Pitch=-234", Yaw=+559"
UVSP	02:38				Exp #=99454		Step=5"	
Event # = 12353 89/11/05, 05:53 Start	DOY=309 Peak		SMM Pointing:	N16E40			Pitch=-217", Yaw=+595", Roll=0deg	H. Ang=41deg
Optical		End times	Ha...Class=1N	N25W90	AR5763		Mac.=HSX Carr. Lon.=88deg	H. Ang=88deg
GOES	05:45	06:00	Importance=C4	Qual=01			MaxkeV=88	
HXRBS*	05:50:44	05:52:42	Peak...c/s=64	Qual=01	Tot Cts=1413		FePeak.c/s=9	XEN=930900
BCS	05:52	06:05	CaPeak.c/s=54	Qual=1	FePeak=05:54		Rast=0"x0"	dt= 3.8s
FCS							Step=0"	3840s/pixe1
UVSP	05:41		Wavelength=1375A	Code=00	Exp #=99456		Rast=265"x265"	Pitch=-209", Yaw=+601"

89/11/05 DOY=309

Event # = 12354			DOY=309			Pitch=-217",Yaw=+585",Roll=0deg			H.Ang=40deg		
89/11/05,06:23	Start	End times	SMM Pointing:	N16E39							
Optical			Ha...Class=SF	N15W46							
GOES			Peak...c/s=48	Qual=00							
HXRBS*	06:23:05	06:23:13	Wavelength=1375A	Qual=01							
UVSP	06:21			Tot Cts=163							
				Exp #=99457							
Event # = 12355			DOY=309			Pitch=-213",Yaw=+574",Roll=0deg			H.Ang=39deg		
89/11/05,07:30	Start	End times	SMM Pointing:	N16E38							
Optical			Ha...Class=1F	N23W13							
GOES	07:19	07:30	Importance=M1	Qual=03							
HXRBS*	07:18:13	07:23:09	Peak...c/s=335	Qual=11							
UVSP	07:52		Wavelength=2788A								
Radio			Frequency(MHz)/Flux(sfu):	1415/38 2695/120	4995/95	8800/30					
Event # = 12356			DOY=309			Pitch=-211",Yaw=+544",Roll=0deg			H.Ang=37deg		
89/11/05,12:13	Start	End times	SMM Pointing:	N16E36							
Optical			Peak...c/s=225	Qual=00							
GOES	12:24		Wavelength=2788A	Qual=01							
HXRBS*	12:13:17	12:13:34	Type/Intensity:								
UVSP	12:24		III/2								
Radio			Frequency(MHz)/Flux(sfu):	245/290							
Event # = 23411			DOY=309			Pitch=-213",Yaw=+488",Roll=0deg			H.Ang=33deg		
89/11/05,19:30	Start	End times	SMM Pointing:	N16E32							
Optical			Peak...c/s=47	Qual=05							
GOES	19:21	19:30	Wavelength=2788A	Qual=01							
BCS	19:23	19:29	CaPeak.c/s=33								
FCS											
UVSP	19:02		Wavelength=2788A								
Event # = 12357			DOY=309			Pitch=-213",Yaw=+488",Roll=0deg			H.Ang=33deg		
89/11/05,19:43	Start	End times	SMM Pointing:	N16E32							
Optical			Peak...c/s=173	Qual=01							
GOES	19:43:23	19:43:53	Wavelength=2788A								
HXRBS*	19:02		Frequency(MHz)/Flux(sfu):	245/87							
UVSP	19:02										
Radio											
Event # = 12359			DOY=309			Pitch=-213",Yaw=+488",Roll=0deg			H.Ang=33deg		
89/11/05,20:06	Start	End times	SMM Pointing:	N16E32							
Optical			Peak...c/s=173	Qual=01							
GOES	20:00	20:15	Wavelength=2788A								
HXRBS*	20:04:12	20:04:54	Frequency(MHz)/Flux(sfu):	245/87							
UVSP	20:48										
Radio											
Event # = 12358			DOY=309			Pitch=-213",Yaw=+488",Roll=0deg			H.Ang=33deg		
89/11/05,20:02:01	Start	End times	SMM Pointing:	N16E31							
Optical			Peak...c/s=173	Qual=02							
GOES	20:02:01	20:03:05	Wavelength=2788A								
HXRBS*	20:02:39	20:03:05	Frequency(MHz)/Flux(sfu):	245/300	410/84						
UVSP	20:48										
Radio											

Event # = 12360				89/11/06				DOY=310				
89/11/05,22:16	DOY=309	Start	End times	SMM Pointing:				N16E31	Pitch=-215", Yaw=+478", Roll=0deg			
Optical	Peak			Ha...Class=SN				N17E26	Mac.=DKI	H.Ang=33deg		
GOES	22:16		22:20	Importance=C4				AR5776	Carr.Lon.=323deg	H.Ang=29deg		
HXRBS*	22:13:38		22:14:56	Peak...c/s=225				Qual=01				
BCS	22:14		22:20	CaPeak.c/s=139				Qual=5				
FCS	22:19			Wave length=1375A				Code=02	Exp #=99476			
UVSP												
Event # = 23414				89/11/06				DOY=310				
89/11/06,01:34	DOY=310	Start	End times	SMM Pointing:				N16E27	Pitch=-211", Yaw=+419", Roll=0deg			
GOES	01:30		01:43	CaPeak.c/s=32				Qual=00				
BCS	01:34		01:43	Wave length=1375A				Qual=4	FePeak=01:36	dt= 7.7s XEM=931000		
FCS									Exp #=99479	Cad=1.02s 1.024s/pixel		
UVSP										Pitch=-217", Yaw=+433"		
Event # = 23415				89/11/06				DOY=310				
89/11/06,01:53	DOY=310	Start	End times	SMM Pointing:				N16E27	Pitch=-211", Yaw=+419", Roll=0deg			
GOES	01:49		02:06	CaPeak.c/s=39				Qual=00				
BCS	01:53		02:06	Wave length=1375A				Qual=1	FePeak=01:51	dt= 7.7s XEM=931001		
FCS									Exp #=99479	Cad=1.02s 1.024s/pixel		
UVSP										Pitch=-217", Yaw=+433"		
Event # = 12361				89/11/06				DOY=310				
89/11/06,04:19	DOY=310	Start	End times	SMM Pointing:				N16E27	Pitch=-211", Yaw=+419", Roll=0deg			
GOES	04:19:05		04:19:23	Peak...c/s=165				Qual=00				
HXRBS*	04:19:18		04:19:23	Wave length=1375A				Qual=01	Tot Cts=543	MaxkeV=140		
UVSP	04:21		04:21:39	Type/Intensity: III/I				Exp #=99481		Rast=70"x70"		
Radio				Frequency(MHz)/Flux(sfu): 245/2400 410/77						Step=5" Pitch=-216", Yaw=+410"		
Event # = 12362				89/11/06				DOY=310				
89/11/06,04:21	DOY=310	Start	End times	SMM Pointing:				N16E27	Pitch=-211", Yaw=+419", Roll=0deg			
GOES	04:21:00		04:21:39	Peak...c/s=59				Qual=00				
HXRBS*	04:21:00		04:21:39	Wave length=1375A				Qual=01	Tot Cts=371	MaxkeV=88		
UVSP	04:21		04:21:39					Exp #=99481		Rast=70"x70"		
Event # = 12363				89/11/06				DOY=310				
89/11/06,07:34	DOY=310	Start	End times	SMM Pointing:				N16E25	Pitch=-211", Yaw=+397", Roll=0deg			
GOES	07:34:49		07:35:02	Peak...c/s=56				Qual=00				
HXRBS*	07:34:49		07:34:59	Wave length=1375A				Qual=01	Tot Cts=97	MaxkeV=62		
UVSP	07:22		07:22					Exp #=99483		Rast=70"x70"		
								Step=5" Pitch=-215", Yaw=+385"				

Event # = 12364		DOY=310		SMM Pointing:		N16E24		Pitch=-210", Yaw=+383", Roll=0deg		H. Ang=27deg	
89/11/06,08:59	Start	End times	Peak	Ha...Class=SF	Qual=00	AR5783	Mac.=DAO	Carr.Lon.=292deg	H. Ang=52deg		
Optical											
GOES											
HXRBS*	08:58:46	08:59:13	08:59:35	Peak...c/s=70	Qual=01	Tot Cts=405	MaxkeV=88	Step=0"	Pitch=-75", Yaw=+314"		
UVSP	08:39										
Radio	Frequency(MHz)/Flux(sfu): 606/420										
Event # = 12660		DOY=310		SMM Pointing:		N16E24		Pitch=-210", Yaw=+383", Roll=0deg		H. Ang=27deg	
89/11/06,09:06	Start	End times	Peak	Ha...Class=SF	Qual=00						
Optical											
GOES											
HXRBS*	09:06:00	09:06:06	09:06:20	Peak...c/s=48	Qual=01	Tot Cts=115	MaxkeV=62	Flags=I	Pitch=-75", Yaw=+314"		
UVSP	08:39										
Radio	Frequency(MHz)/Flux(sfu): 245/48 410/160										
Event # = 12366		DOY=310		SMM Pointing:		N16E24		Pitch=-210", Yaw=+383", Roll=0deg		H. Ang=27deg	
89/11/06,09:24	Start	End times	Peak	Ha...Class=SF	Qual=00	AR5776	Mac.=DKI	Carr.Lon.=319deg	H. Ang=27deg		
Optical											
GOES	09:10	09:24	09:32	Ha...Class=SF	Qual=01	AR5783	Carr.Lon.=293deg	H. Ang=51deg			
HXRBS*	09:17:17	09:17:44	09:22:34	Importance=C8	Qual=01	Tot Cts=21017	MaxkeV=218	#Peaks=1	dt= 3.8s	XEN=931002	
BGS	09:18	09:22	09:35	Peak...c/s=571	Qual=01	FePeak=09:22	Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel	
FCS											
UVSP	09:35										
Radio	Type/Intensity: III/2										
Radio	Sweeps										
Radio	Frequency(MHz)/Flux(sfu): 245/530 606/220 4995/59 8800/66										
Event # = 12365		DOY=310		SMM Pointing:		N16E23		Pitch=-210", Yaw=+369", Roll=0deg		H. Ang=26deg	
89/11/06,10:51	Start	End times	Peak	Ha...Class=SF	Qual=00						
Optical											
GOES											
HXRBS*	10:50:56	10:51:10	10:51:18	Peak...c/s=50	Qual=01	Tot Cts=143	MaxkeV=62	Step=0"	Pitch=-75", Yaw=+294"		
UVSP	11:05										
Radio	Frequency(MHz)/Flux(sfu): 245/35000 410/12000 606/1800 1415/250 2695/360 4995/760 8800/760 15400/890										
Event # = 12369		DOY=310		SMM Pointing:		N16E23		Pitch=-210", Yaw=+369", Roll=0deg		H. Ang=26deg	
89/11/06,11:08	Start	End times	Peak	Ha...Class=SF	Qual=00						
Optical											
GOES											
HXRBS*	11:08:07	11:08:17	11:08:29	Peak...c/s=39	Qual=01	Tot Cts=75	MaxkeV=62	Step=0"	Pitch=-75", Yaw=+294"		
UVSP	11:05										
Radio	Frequency(MHz)/Flux(sfu): 245/35000 410/12000 606/1800 1415/250 2695/360 4995/760 8800/760 15400/890										
Event # = 12370		DOY=310		SMM Pointing:		N16E23		Pitch=-209", Yaw=+358", Roll=0deg		H. Ang=25deg	
89/11/06,12:14	Start	End times	Peak	Ha...Class=SN	Qual=04	AR5776	Mac.=DKI	Carr.Lon.=317deg	H. Ang=27deg		
Optical											
GOES	12:08	12:14	12:26	Ha...Class=SN	Qual=04	AR5781	Carr.Lon.=312deg	H. Ang=31deg			
HXRBS*	12:06:27	12:10:06	12:37:38	Importance=M4	Qual=12	Tot Cts=5.19E+5	MaxkeV=298	Flags=IS, SG, MD			
UVSP	12:36										
Radio	Frequency(MHz)/Flux(sfu): 245/35000 410/12000 606/1800 1415/250 2695/360 4995/760 8800/760 15400/890										

Event # = 23416  
 89/11/06,12:50 DOY=310  
 Start Peak End times  
 Optical  
 GOES 12:27 12:50 13:20  
 BCS 12:33 12:42 12:44  
 FCS 12:40  
 UVSP 12:36  
 Radio Sweeps  
 Radio Frequency (MHz)/Flux(sfu): 606/190

Ha...Class=SF N13E29  
 Importance=C8 Qual=02  
 CaPeak.c/s=337 Qual= 2  
 Peak3...c/s=64  
 Wavelength=2788A Code=00  
 III/2  
 Type/Intensity:  
 FePeak.c/s=45 #Peaks=1 H.Ang=30deg  
 Rast=0"x0" dt= 7.7s XEN=931003  
 Rast=180"x1" Step=0" Cad= 127s 127.2s/pixel  
 Step=0" Pitch=-74",Yaw=+281"

Mac.=CS0 Carr. Lon.=312deg  
 FePeak.c/s=45 #Peaks=1 dt= 7.7s XEN=931003  
 Rast=0"x0" Step=0" Cad= 127s 127.2s/pixel  
 Step=0" Pitch=-74",Yaw=+281"

Exp #=99489  
 Exp #=99489

Event # = 12367  
 89/11/06,13:50 DOY=310  
 Start Peak End times  
 Optical  
 GOES 13:37 13:50 14:20  
 HXRBS\* 13:35:30 13:41:16 13:44:10  
 BCS 13:22 14:08 14:14  
 FCS  
 UVSP 14:07  
 Radio Sweeps  
 Radio Frequency (MHz)/Flux(sfu): 245/2700 410/73

SMM Pointing: N16E22 H.Ang=24deg  
 Ha...Class=1B N20E19 H.Ang=25deg  
 Importance=M9 Qual=02  
 Peak...c/s=4028  
 CaPeak.c/s=155 Qual= 5  
 Wavelength=2788A  
 III/2  
 Type/Intensity:  
 MaxkeV=271 #Peaks=2 dt= 7.7s XEN=931004  
 FePeak.c/s=12 #Peaks=2 dt= 7.7s XEN=931004  
 Rast=0"x0" Step=0" Cad=.26s 0.256s/pixel  
 Step=0" Pitch=-74",Yaw=+269"

Mac.=DKI Carr. Lon.=321deg  
 MaxkeV=271 #Peaks=2 dt= 7.7s XEN=931004  
 FePeak.c/s=12 #Peaks=2 dt= 7.7s XEN=931004  
 Rast=0"x0" Step=0" Cad=.26s 0.256s/pixel  
 Step=0" Pitch=-74",Yaw=+269"

Exp #=99491  
 Exp #=99491

Event # = 12371  
 89/11/06,18:52 DOY=310  
 Start Peak End times  
 Optical  
 GOES 18:37 18:52 19:08  
 HXRBS\* 18:37:36 18:43:54 18:45:59  
 UVSP 18:40  
 Radio Frequency (MHz)/Flux(sfu):

SMM Pointing: N16E19 H.Ang=23deg  
 Ha...Class=1N N18E16 H.Ang=21deg  
 Importance=M2 Qual=05  
 Peak...c/s=1323 Qual=02  
 Wavelength=2788A Code=00  
 2695/70 4995/180 8800/120  
 Type/Intensity:  
 MaxkeV=165 #Peaks=1 dt= 7.7s XEN=931005  
 FePeak.c/s=6 #Peaks=1 dt= 7.7s XEN=931005  
 Rast=0"x0" Step=0" Cad=3840s 3840s/pixel  
 Step=0" Pitch=+134",Yaw=-70"

Mac.=DKI Carr. Lon.=322deg  
 MaxkeV=165 #Peaks=1 dt= 7.7s XEN=931005  
 Rast=0"x0" Step=0" Cad=3840s 3840s/pixel  
 Step=0" Pitch=+134",Yaw=-70"

Exp #=99497  
 Exp #=99497

Event # = 23417  
 89/11/06,19:40 DOY=310  
 Start Peak End times  
 GOES 19:40 19:40 19:44  
 BCS  
 FCS  
 UVSP 19:14

Qual=00  
 Qual= 4  
 CaPeak.c/s=20  
 Wavelength=2788A  
 Type/Intensity:  
 FePeak.c/s=6 #Peaks=1 dt= 7.7s XEN=931005  
 Rast=0"x0" Step=0" Cad=3840s 3840s/pixel  
 Step=0" Pitch=+134",Yaw=-70"

Exp #=99498  
 Exp #=99498

Event # = 12372  
 89/11/06,20:55 DOY=310  
 Start Peak End times  
 Optical  
 GOES 20:38 20:55 21:23  
 HXRBS\* 20:53:58 20:54:44 21:02:56  
 BCS 20:56 20:57 21:20  
 FCS  
 UVSP 21:00

SMM Pointing: N16E18 H.Ang=21deg  
 Ha...Class=1F N18E14 H.Ang=20deg  
 Importance=M3 Qual=04  
 Peak...c/s=74 Qual=02  
 CaPeak.c/s=1049 Qual= 5  
 Wavelength=2788A Code=02  
 Type/Intensity:  
 MaxkeV=62 #Peaks=1 dt= 3.8s XEN=931006  
 FePeak.c/s=167 #Peaks=1 dt= 3.8s XEN=931006  
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 Step=3" Pitch=-201",Yaw=+294"

Mac.=DKI Carr. Lon.=323deg  
 MaxkeV=62 #Peaks=1 dt= 3.8s XEN=931006  
 FePeak.c/s=167 #Peaks=1 dt= 3.8s XEN=931006  
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  
 Step=3" Pitch=-201",Yaw=+294"

Exp #=99499  
 Exp #=99499

Event # = 23418														
89/11/06,21:21	DOY=310	Peak												
Optical			End times											
GOES				N16E41	AR5783	Mac.=DAO	Carr. Lon.=295deg	H. Ang=42deg						
BGS	21:21	21:21	21:28	Qual=00	FePeak=21:21	FePeak.c/s=6	#Peaks=1	XEN=931007						
FCS				Qual=5		Rast=240"x240"	Step=15"	Cad=262s						
UVSP	21:08			WaveLength=2788A	Exp #=99500	Rast=39"x39"	Step=3"	Pitch=-174",Yaw=+192"						
Event # = 12373														
89/11/06,23:01	DOY=310	Peak												
Optical			End times											
GOES	22:56	23:01	23:11	N16E17	AR5783	Mac.=DAO	Carr. Lon.=293deg	H. Ang=44deg						
HXRBS*	22:56:47	22:57:53	22:58:30	Qual=01	Tot Cts=1081	MaxkeV=62								
UVSP	22:33			Code=00	Exp #=99502	Rast=70"x70"	Step=5"	Pitch=-244",Yaw=+224"						
Event # = 23419														
89/11/07,00:46	DOY=311	Peak												
GOES			End times											
BGS	00:45	00:46	00:49	Qual=00	FePeak=00:46	FePeak.c/s=7	#Peaks=1	XEN=931100						
FCS				Qual=4		Rast=0"x0"	Step=0"	Cad=3840s						
UVSP	00:02			WaveLength=1375A	Exp #=99503	Rast=70"x70"	Step=5"	Pitch=-244",Yaw=+211"						
Radio Sweeps		Type/Intensity:	III/3											
Event # = 12374														
89/11/07,01:31	DOY=311	Peak												
GOES			End times											
HXRBS*	01:28:02	01:28:21	01:29:28	N16E15	Tot Cts=414	MaxkeV=114								
BGS	01:31	01:31	01:32	Qual=01	FePeak=01:31	FePeak.c/s=6	#Peaks=1	XEN=931101						
FCS				Qual=4		Rast=0"x0"	Step=0"	Cad=3840s						
UVSP	01:33			WaveLength=1375A	Exp #=99504	Rast=70"x70"	Step=5"	Pitch=-243",Yaw=+198"						
Radio Sweeps		Type/Intensity:	III/1											
Event # = 12375														
89/11/07,01:39	DOY=311	Peak												
GOES			End times											
HXRBS*	01:39:03	01:39:37	01:40:41	N16E15	Tot Cts=3512	MaxkeV=114								
UVSP	01:33			Qual=00	Exp #=99504	Rast=70"x70"	Step=5"	Pitch=-243",Yaw=+198"						
Radio Sweeps		Type/Intensity:	III/3											
Radio Frequency(MHz)/Flux(sfu):				245/1800	410/52	2695/86								
Event # = 23420														
89/11/07,02:18	DOY=311	Peak												
GOES			End times											
BGS	02:01	02:18	02:19	Qual=03	FePeak=02:16	FePeak.c/s=9	#Peaks=2	XEN=931103						
FCS				Qual=2		Rast=0"x0"	Step=0"	Cad=3840s						
UVSP	01:33			WaveLength=1375A	Exp #=99504	Rast=70"x70"	Step=5"	Pitch=-243",Yaw=+198"						



Event # = 12376  
 89/11/07,02:41 DOY=311 Peak Pitch=-208", Yaw=+243", Roll=0deg H.Ang=19deg  
 Start  
 Optical Mac.=DAO Carr. Lon.=277deg H.Ang=57deg  
 GOES AR5783  
 HXRBS\* 02:30 02:41 03:16 03:15 N18E56 MaxkeV=88  
 HXRBS\* 02:56:47 02:56:57 02:57:14 02:57:14 Qual=05 Rast=70"x70" Step=5" Pitch=-243", Yaw=+185"  
 UVSP 03:03 03:03 Wavelength=1375A Event # = 12377  
 Associated  
 HXRBS\* 03:00:41 03:01:03 03:01:31 03:01:31 Qual=01 Tot Cts=1304 MaxkeV=140  
 Associated  
 HXRBS\* 03:02:10 03:02:31 03:02:47 03:02:47 Qual=01 Tot Cts=391 MaxkeV=140

Event # = 12379  
 89/11/07,03:23 DOY=311 Peak Pitch=-208", Yaw=+230", Roll=0deg H.Ang=19deg  
 Start  
 Optical Mac.=DKI Carr. Lon.=320deg H.Ang=21deg  
 GOES AR5776  
 HXRBS\* 03:18 03:23 03:45 03:45 N20E13 MaxkeV=461  
 HXRBS\* 03:14:57 03:19:40 03:35:16 03:35:16 Qual=00 dt= 7.7s XEN=931104  
 GRS 03:18:00 03:21:00 03:21:00 03:21:00 Tot Cts=4.10E+5 Flags=M5 Dur=180sec  
 BCS 02:59 03:21 03:45 03:45 CaPeak.c/s=3145 Qual= 1 FePeak=03:21 dt= 7.7s XEN=931104  
 UVSP 03:03 Wavelength=1375A Code=00 Exp #=99505 Rast=240"x240" Cad= 262s 1.024s/pixel  
 Radio Frequency (MHz)/Flux(sfu): 245/4300 410/750 606/230 1415/2900 2695/430 4995/280 8800/1100 15400/690  
 Type/Intensity: V/2  
 HXRBS\* 03:37:27 03:37:42 03:37:56 03:37:56 Qual=01 Tot Cts=188 MaxkeV=62  
 Radio Sweeps Type/Intensity: I/2  
 HXRBS\* 03:38:59 03:39:27 03:39:38 03:39:38 Qual=01 Tot Cts=436 MaxkeV=88  
 Radio Sweeps Type/Intensity: III/3  
 BCS 03:45 03:45 03:50 03:50 CaPeak.c/s=139 Qual= 5 FePeak=03:45 dt= 7.7s XEN=931105  
 FCS Wavelength=2788A Exp #=99509 Rast=240"x240" Cad= 262s 1.024s/pixel

Event # = 12382  
 89/11/07,09:05 DOY=311 Peak Pitch=-207", Yaw=+177", Roll=0deg H.Ang=16deg  
 Start  
 Optical Mac.=M5 Carr. Lon.=277deg H.Ang=57deg  
 GOES AR5783  
 HXRBS\* 09:05:04 09:05:14 09:05:25 09:05:25 Qual=00 MaxkeV=88  
 UVSP 09:47 09:47 Wavelength=2788A Event # = 12381 dt= 7.7s XEN=931105  
 Associated  
 HXRBS\* 09:28:58 09:29:13 09:29:35 09:29:35 Qual=01 Tot Cts=1329 MaxkeV=140  
 UVSP 09:47 09:47 Wavelength=2788A Exp #=99509 Rast=180"x1" Step=0" Pitch=-73", Yaw=+100"

Event # = 12408  
 89/11/07,10:48 DOY=311 Peak Pitch=-206", Yaw=+164", Roll=0deg H.Ang=16deg  
 Start  
 Optical Mac.=M5 Carr. Lon.=277deg H.Ang=57deg  
 GOES AR5783  
 HXRBS\* 10:47:47 10:48:22 10:49:21 10:49:21 Qual=00 MaxkeV=88  
 UVSP 10:21 10:21 Wavelength=2788A Event # = 12407 dt= 7.7s XEN=931105  
 Associated  
 HXRBS\* 10:47:47 10:48:22 10:49:21 10:49:21 Qual=03 Tot Cts=1791 MaxkeV=88  
 UVSP 10:21 10:21 Wavelength=2788A Exp #=99510 Rast=180"x1" Step=0" Pitch=-72", Yaw=+95"

Q-7



Event # = 12390														
89/11/07,18:13	DOY=311	Peak		SMM Pointing:		N04W00				Pitch=+0", Yaw=+0", Roll=15deg				H. Ang=0deg
GOES	18:13:21	18:13:38	18:13:59	Peak...c/s=52		Qual=00				MaxkeV=114				
HXRBS*	17:54			Wavelength=2788A		Qual=01		Tot Cts=216		Rast=180"x1"			Step=0"	Pitch=+134", Yaw=-70"
UVSP								Exp #=99520						
Event # = 12392														
89/11/07,18:39	DOY=311	Peak		SMM Pointing:		N04W00				Pitch=+0", Yaw=+0", Roll=15deg				H. Ang=0deg
Optical				Ha...Class=SF		N18E77		AR5786		Mac.=HSX			Carr. Lon.=248deg	H. Ang=77deg
GOES	18:35	18:39	18:42	Importance=C9		Qual=02				MaxkeV=88				
HXRBS*	18:39:58	18:40:14	18:40:46	Peak...c/s=144		Qual=01		Tot Cts=1418		Rast=180"x1"			Step=0"	Pitch=+134", Yaw=-70"
UVSP	18:49			Wavelength=2788A				Exp #=99521						
								Event # = 12391						
HXRBS*	18:38:11	18:38:34	18:38:54	Peak...c/s=144		Qual=02		Tot Cts=1001		MaxkeV=88			Flags=SG	
Event # = 12393														
89/11/07,18:56	DOY=311	Peak		SMM Pointing:		N04W00				Pitch=+0", Yaw=+0", Roll=15deg				H. Ang=0deg
GOES	18:55:12	18:56:25	18:56:41	Peak...c/s=43		Qual=00		Tot Cts=480		MaxkeV=62				
HXRBS*	18:49			Wavelength=2788A		Qual=01		Exp #=99521		Rast=180"x1"			Step=0"	Pitch=+134", Yaw=-70"
UVSP														
Event # = 12394														
89/11/07,19:33	DOY=311	Peak		SMM Pointing:		N16E05				Pitch=-207", Yaw=+84", Roll=0deg				H. Ang=13deg
Optical				Ha...Class=SF		N17E74		AR5786		Mac.=HSX			Carr. Lon.=250deg	H. Ang=74deg
GOES	19:28	19:33	19:47	Importance=M3		Qual=05				MaxkeV=114			Flags=M5, SN, EG	
HXRBS*	19:34:21	19:45:06	20:11:01	Peak...c/s=95		Qual=04		Tot Cts=12916		Rast=180"x1"			Step=0"	Pitch=-73", Yaw=-70"
UVSP	19:25			Wavelength=2788A		Code=00		Exp #=99522						
Event # = 12395														
89/11/07,20:21	DOY=311	Peak		SMM Pointing:		N16E05				Pitch=-207", Yaw=+84", Roll=0deg				H. Ang=13deg
Optical				Importance=C8		N20E03		AR5776		Mac.=DKI			Carr. Lon.=321deg	H. Ang=17deg
GOES	20:17	20:21	20:24	Peak...c/s=75		Qual=02				MaxkeV=88			Flags=EN, SG	
HXRBS*	20:13:55	20:19:05	20:27:59	Wavelength=2788A		Qual=04		Tot Cts=6393		Rast=243"x243"			Step=3"	Pitch=-200", Yaw=+83"
UVSP	21:09							Exp #=99523						
Event # = 12396														
89/11/07,20:42	DOY=311	Peak		SMM Pointing:		N16E04				Pitch=-208", Yaw=+71", Roll=0deg				H. Ang=13deg
Optical				Ha...Class=2B		N13E71		AR5786		Mac.=HSX			Carr. Lon.=252deg	H. Ang=71deg
GOES	20:27	20:42	21:03	Importance=M8		Qual=05				MaxkeV=62			Flags=SN, ND	
HXRBS*	21:04:58	21:15:41	21:22:34	Peak...c/s=56		Qual=02		Tot Cts=5235		Rast=243"x243"			Step=3"	Pitch=-200", Yaw=+83"
UVSP	21:09			Wavelength=2788A				Exp #=99523						
Event # = 12397														
89/11/07,22:45	DOY=311	Peak		SMM Pointing:		N04W00				Pitch=+0", Yaw=+0", Roll=0deg				H. Ang=0deg
GOES	22:44:37	22:45:01	22:45:21	Peak...c/s=45		Qual=00		Tot Cts=272		MaxkeV=62				
HXRBS*	22:46			Wavelength=2788A		Qual=01		Exp #=99525		Rast=243"x243"			Step=3"	Pitch=-962", Yaw=+13"
UVSP														

Event # = 12398		89/11/07, 23:00		D0Y=311		Peak		SMM Pointing:		N00E83		Pitch=+3", Yaw=+962", Roll=0deg		H. Ang=83deg	
Start		End times		Ha...Class=SF		AR5769		Mac.=DAI		Carr. Lon.=271deg		H. Ang=53deg			
Optical				Peak...c/s=108		Tot Cts=893		MaxkeyV=114		Step=3"		Pitch=+7", Yaw=+982"			
GOES		23:00:07		23:00:44		23:01:00		Wavelength=2788A							
HXRBS*		23:00:07		23:00:44		23:01:00									
UVSP		22:57													
Event # = 12399		89/11/07, 23:16		D0Y=311		Peak		SMM Pointing:		N04W00		Pitch=+2", Yaw=-8", Roll=0deg		H. Ang=0deg	
Start		End times		Ha...Class=SF		AR5776		Mac.=DKI		Carr. Lon.=324deg		H. Ang=15deg			
Optical				Peak...c/s=80		Tot Cts=1216		MaxkeyV=88		Step=3"		Pitch=+7", Yaw=-956"			
GOES		23:16:01		23:16:35		23:17:15		Wavelength=2788A							
HXRBS*		23:16:01		23:16:35		23:17:15		III/3 V/3							
UVSP		23:06						Radio Sweeps							
Type/Intensity:		410/64		606/160		1415/110		2695/110		4995/25					
Radio Frequency(MHz)/Flux(stu):															
Event # = 12400		89/11/08, 00:43		D0Y=312		Peak		SMM Pointing:		N16E03		Pitch=-208", Yaw=+44", Roll=0deg		H. Ang=13deg	
Start		End times		Ha...Class=SF		AR5776		Mac.=DAI		Carr. Lon.=320deg		H. Ang=16deg			
Optical				Peak...c/s=86		Tot Cts=152		MaxkeyV=62		Step=0"		Pitch=-83", Yaw=+133"			
GOES		00:43:42		00:43:53		00:43:53		Wavelength=1375A							
HXRBS*		00:43:42		00:43:48		00:43:53									
UVSP		00:11													
Event # = 12401		89/11/08, 00:52		D0Y=312		Peak		SMM Pointing:		N16E03		Pitch=-208", Yaw=+44", Roll=0deg		H. Ang=13deg	
Start		End times		Ha...Class=SF		AR5776		Mac.=DAI		Carr. Lon.=323deg		H. Ang=16deg			
Optical				Peak...c/s=86		Tot Cts=152		MaxkeyV=62		Step=0"		Pitch=-83", Yaw=+133"			
GOES		00:52:34		00:52:45		00:52:48		Wavelength=1375A							
HXRBS*		00:52:34		00:52:45		00:52:48									
UVSP		00:52													
Event # = 23422		89/11/08, 01:41		D0Y=312		Peak		SMM Pointing:		N20W02		Carr. Lon.=322deg		H. Ang=17deg	
Start		End times		Ha...Class=SF		AR5776		Mac.=DAI		Carr. Lon.=320deg		H. Ang=16deg			
Optical				Peak...c/s=86		Tot Cts=152		MaxkeyV=62		Step=0"		Pitch=-83", Yaw=+133"			
GOES		01:10		01:41		01:50		Wavelength=1375A							
BCS		01:38		01:41		01:47									
FCS															
UVSP		01:41													
Event # = 23423		89/11/08, 02:22		D0Y=312		Peak		SMM Pointing:		N20W02		Carr. Lon.=322deg		H. Ang=17deg	
Start		End times		Ha...Class=SF		AR5776		Mac.=DAI		Carr. Lon.=322deg		H. Ang=16deg			
Optical				Peak...c/s=86		Tot Cts=152		MaxkeyV=62		Step=0"		Pitch=-83", Yaw=+133"			
GOES		02:22		02:22		02:25		Wavelength=1375A							
BCS		02:22		02:22		02:25									
FCS															
UVSP		01:45													



HXRBS\* 07:44:06 07:44:34 07:59:27 Peak...c/s=60 Associated Event # = 12410  
 Qual=11 Tot Cts=3696 MaxkeV=88 Flags=M5,DG,ND  
 HXRBS\* 08:21:21 08:21:28 08:22:20 Peak...c/s=47 Associated Event # = 12411  
 Qual=01 Tot Cts=183 MaxkeV=62

Event # = 12412  
 89/11/08,09:13 DOY=312 SMM Pointing: N03W00 Pitch=-4",Yaw=+8",Roll=-178deg H.Ang=1deg  
 Start Peak  
 GOES  
 HXRBS\* 09:12:05 09:13:02 09:16:39 Peak...c/s=75 Qual=03  
 UVSP 09:16 Wavelength=1375A Qual=01 Tot Cts=77  
 Radio Sweeps Type/Intensity: III/2 Exp #=99537  
 Radio Frequency(MHz)/Flux(sfu): 245/200 Pitch=70"x70" Step=5" Pitch=-46",Yaw=-84"

Event # = 12414  
 89/11/08,10:02 DOY=312 SMM Pointing: N04W00 Pitch=-1",Yaw=-2",Roll=179deg H.Ang=0deg  
 Start Peak  
 GOES  
 HXRBS\* 10:02:47 10:02:50 10:03:07 Peak...c/s=65 Qual=00  
 UVSP 09:16 Wavelength=1375A Qual=01 Tot Cts=259  
 Step=5" Pitch=-46",Yaw=-84"

Event # = 12413  
 89/11/08,11:21 DOY=312 SMM Pointing: N16W03 Pitch=-207",Yaw=-49",Roll=0deg H.Ang=13deg  
 Start Peak  
 GOES  
 HXRBS\* 11:21:12 11:21:34 11:21:50 Peak...c/s=55 Qual=00  
 UVSP 11:25 Wavelength=2788A Qual=01 Tot Cts=238  
 Step=0" Pitch=-73",Yaw=-127"

Event # = 12415  
 89/11/08,17:37 DOY=312 SMM Pointing: N16W06 Pitch=-208",Yaw=-104",Roll=0deg H.Ang=14deg  
 Start Peak  
 Optical Ha...Class=SN N12E64  
 GOES 17:24 17:37 17:46 Importance=C9 Qual=03 AR5786  
 HXRBS\* 17:25:20 17:26:19 17:36:22 Peak...c/s=116 Qual=02 Tot Cts=12933  
 UVSP 17:30 Wavelength=2788A Code=00 Exp #=99547  
 Radio Sweeps Type/Intensity: III/2 Carr. Lon.=248deg H.Ang=64deg  
 Flags=SA  
 Step=0" Pitch=-74",Yaw=-181"

Event # = 23424  
 89/11/08,18:48 DOY=312 SMM Pointing: N16E08 Mac.=EKO Carr. Lon.=303deg H.Ang=15deg  
 Start Peak  
 Optical Ha...Class=1N N16E08  
 GOES 18:24 18:48 18:57 Importance=M2 Qual=02 AR5783  
 BCS 18:22 18:40 18:42 CaPeak.c/s=247 Qual=2 FePeak=18:38  
 FCS Wavelength=2788A Exp #=99549  
 UVSP 19:00 Carr. Lon.=303deg H.Ang=15deg  
 #Peaks=1 dt= 7.7s XEN=931207  
 Step=15" Cad= 262s 1.024s/pixel  
 Step=0" Pitch=-3",Yaw=+0"

Event # = 12416  
 89/11/08,19:12 DOY=312 SMM Pointing: N04W00 Pitch=+0",Yaw=+0",Roll=13deg H.Ang=0deg  
 Start Peak  
 Optical Ha...Class=2B N20W57  
 GOES 18:58 19:12 19:31 Importance=X1 Qual=02 AR5769  
 HXRBS\* 18:17:28 19:00:16 19:07:14 Peak...c/s=2744 Qual=14 Tot Cts=6.00E+5  
 UVSP 19:00 Wavelength=2788A Code=00 Exp #=99549 MaxkeV=461  
 Step=0" Pitch=-3",Yaw=+0"

Event # = 12417				SMM Pointing:				N16W08				Pitch=-204", Yaw=-128", Roll=0deg				H.Ang=14deg											
89/11/08,20:20				DOY=312				Peak				AR5769				Carr.Lon.=8deg				H.Ang=60deg							
Optical				Ha...Class=SF				Qual=05				Mac.=EAI				Flags=EG				H.Ang=16deg							
GOES				Peak...c/s=46				Qual=03				MaxkeV=88				Step=3"				Pitch=-203", Yaw=-118"							
HXRBs*				20:20:31				20:20:47				Tot Cts=294				Step=5"				Pitch=-203", Yaw=-118"							
UVSP				19:50				Wavelength=2788A				Exp #=99550															
Event # = 12418				SMM Pointing:				N16W10				Pitch=-209", Yaw=-159", Roll=0deg				H.Ang=16deg											
89/11/08,22:59				DOY=312				Peak																			
Optical				Ha...Class=SF				Qual=00				MaxkeV=192				Step=5"				Pitch=-141", Yaw=-117"							
GOES				Peak...c/s=297				Qual=01				Rast=70"x70"															
HXRBs*				22:59:21				22:59:42				Tot Cts=1269															
UVSP				22:51				Wavelength=1375A				Exp #=99553															
Radio				Frequency(MHz)/Flux(sfu):				410/550 606/70																			
Event # = 12419				SMM Pointing:				N16W10				Pitch=-209", Yaw=-159", Roll=0deg				H.Ang=16deg											
89/11/08,23:11				DOY=312				Peak				AR5783				Carr.Lon.=296deg				H.Ang=19deg							
Optical				Ha...Class=IN				Qual=00				Mac.=EKO															
GOES				Peak...c/s=54				Qual=01				MaxkeV=140				Step=5"				Pitch=-141", Yaw=-117"							
HXRBs*				23:11:35				23:11:42				Tot Cts=133															
UVSP				22:51				Wavelength=1375A				Exp #=99553															
Radio				Frequency(MHz)/Flux(sfu):				410/190																			
89/11/09 DOY=313																											
Event # = 23425				SMM Pointing:				N15W10				Pitch=-209", Yaw=-159", Roll=0deg				H.Ang=16deg											
89/11/09,00:18				DOY=313				Peak				AR5776				Carr.Lon.=318deg				H.Ang=15deg							
Optical				Ha...Class=1F				Qual=00				Mac.=DAI															
GOES				Peak...c/s=251				Qual=5				FePeak.c/s=30				#Peaks=1				dt= 3.8s XEN=931300							
BCS				00:17				00:18				01:09				Rast=240"x240"				Cad= 262s				1.024s/pixel			
FCS				00:22				Wavelength=1375A				Exp #=99554				Step=5"				Pitch=-141", Yaw=-131"							
UVSP																											
89/11/09 DOY=313																											
Event # = 12421				SMM Pointing:				N16W10				Pitch=-209", Yaw=-159", Roll=0deg				H.Ang=16deg											
89/11/09,00:57				DOY=313				Peak				AR5786				Carr.Lon.=255deg				H.Ang=53deg							
Optical				Ha...Class=1F				Qual=03				Mac.=EAO				Carr.Lon.=251deg				H.Ang=57deg							
GOES				Peak...c/s=196				Qual=01				MaxkeV=192				Step=5"				Pitch=-141", Yaw=-131"							
HXRBs*				23:16:09				23:16:32				Tot Cts=10404				#Peaks=1				dt= 3.8s XEN=931300							
UVSP				22:51				Wavelength=1375A				FePeak.c/s=18				Step=15"				Cad= 262s				1.024s/pixel			
Radio				Frequency(MHz)/Flux(sfu):				410/190				Exp #=99553				Step=5"				Pitch=-141", Yaw=-117"							
Event # = 12422				SMM Pointing:				N16W10				Pitch=-209", Yaw=-159", Roll=0deg				H.Ang=16deg											
89/11/09,00:57				DOY=313				Peak				AR5786				Carr.Lon.=255deg				H.Ang=53deg							
Optical				Ha...Class=SF				Qual=03				Mac.=EAO				Carr.Lon.=251deg				H.Ang=57deg							
GOES				Peak...c/s=149				Qual=01				MaxkeV=192				Step=5"				Pitch=-141", Yaw=-131"							
HXRBs*				23:17:30				23:24:57				Tot Cts=10404				#Peaks=1				dt= 3.8s XEN=931300							
UVSP				00:17				00:18				FePeak.c/s=18				Step=15"				Cad= 262s				1.024s/pixel			
Radio				Frequency(MHz)/Flux(sfu):				410/190				Exp #=99554				Step=5"				Pitch=-141", Yaw=-117"							
Event # = 12423				SMM Pointing:				N16W10				Pitch=-209", Yaw=-159", Roll=0deg				H.Ang=16deg											
89/11/09,00:57				DOY=313				Peak				AR5786				Carr.Lon.=255deg				H.Ang=53deg							
Optical				Ha...Class=SF				Qual=01				Mac.=EAO				Carr.Lon.=251deg				H.Ang=57deg							
GOES				Peak...c/s=196				Qual=01				MaxkeV=192				Step=5"				Pitch=-141", Yaw=-131"							
HXRBs*				23:16:09				23:16:32				Tot Cts=10404				#Peaks=1				dt= 3.8s XEN=931300							
UVSP				22:51				Wavelength=1375A				FePeak.c/s=18				Step=15"				Cad= 262s				1.024s/pixel			
Radio				Frequency(MHz)/Flux(sfu):				410/190				Exp #=99553				Step=5"				Pitch=-141", Yaw=-117"							
Event # = 12424				SMM Pointing:				N16W10				Pitch=-209", Yaw=-159", Roll=0deg				H.Ang=16deg											
89/11/09,00:57				DOY=313				Peak				AR5786				Carr.Lon.=255deg				H.Ang=53deg							
Optical				Ha...Class=SF				Qual=01				Mac.=EAO				Carr.Lon.=251deg				H.Ang=57deg							
GOES				Peak...c/s=149				Qual=01				MaxkeV=192				Step=5"				Pitch=-141", Yaw=-131"							
HXRBs*				23:17:30				23:24:57				Tot Cts=10404				#Peaks=1				dt= 3.8s XEN=931300							
UVSP				00:17				00:18				FePeak.c/s=18				Step=15"				Cad= 262s				1.024s/pixel			
Radio				Frequency(MHz)/Flux(sfu):				410/190				Exp #=99554				Step=5"				Pitch=-141", Yaw=-117"							
Event # = 12425				SMM Pointing:				N16W10				Pitch=-209", Yaw=-159", Roll=0deg				H.Ang=16deg											
89/11/09,00:57				DOY=313				Peak				AR5786				Carr.Lon.=255deg				H.Ang=53deg							
Optical				Ha...Class=SF				Qual=01				Mac.=EAO				Carr.Lon.=251deg				H.Ang=57deg							
GOES				Peak...c/s=196				Qual=01				MaxkeV=192				Step=5"				Pitch=-141", Yaw=-131"							
HXRBs*				23:16:09				23:16:32				Tot Cts=10404				#Peaks=1				dt= 3.8s XEN=931300							
UVSP				22:51				Wavelength=1375A				FePeak.c/s=18				Step=15"				Cad= 262s				1.024s/pixel			
Radio				Frequency(MHz)/Flux(sfu):				410/190				Exp #=99553				Step=5"				Pitch=-141", Yaw=-117"							
Event # = 12426				SMM Pointing:				N16W10				Pitch=-209", Yaw=-159", Roll=0deg				H.Ang=16deg											
89/11/09,00:57				DOY=313				Peak				AR5786				Carr.Lon.=255deg				H.Ang=53deg							
Optical				Ha...Class=SF				Qual=01				Mac.=EAO				Carr.Lon.=251deg				H.Ang=57deg							
GOES				Peak...c/s=149				Qual=01				MaxkeV=192				Step=5"				Pitch=-141", Yaw=-131"							
HXRBs*				23:17:30				23:24:57				Tot Cts=10404				#Peaks=1				dt= 3.8s XEN=931300							
UVSP				00:17				00:18				FePeak.c/s=18				Step=15"				Cad= 262s				1.024s/pixel			
Radio				Frequency(MHz)/Flux(sfu):				410/190				Exp #=99554				Step=5"				Pitch=-141", Yaw=-117"							

Event # = 12424		89/11/09, 03:21		DOY=313	SMM Pointing:		N04W01	Pitch=-5", Yaw=-9", Roll=10deg		H. Ang=1deg
	Start	End times	Peak		Importance=C7		Qual=04			
	03:15	03:45	03:21		Peak...c/s=43		Qual=02	MaxkeV=62		Flags=SN
	HXRBS*	03:17:45	03:18:44	03:19:37	Wavelength=1375A		Code=02	Rast=265"x265"		Step=5"
	UVSP	03:22			Associated			Pitch=+7", Yaw=+13"		
					Event # = 12425					
	HXRBS*	03:24:11	03:24:35	03:24:43	Peak...c/s=47		Qual=01	Rast=265"x265"		Step=5"
					Tot Cts=304			Pitch=+7", Yaw=+13"		
					Exp #=99556					
					Event # = 12425					
					Tot Cts=178					
					Exp #=99556					
Event # = 12426		89/11/09, 03:36		DOY=313	SMM Pointing:		N04W01	Pitch=-5", Yaw=-9", Roll=10deg		H. Ang=1deg
	Start	End times	Peak		Ha...Class=SF		N17E14	Mac.=EKI		Carr. Lon.=293deg
	03:15	03:45	03:36		Peak...c/s=52		Qual=00	MaxkeV=62		H. Ang=19deg
	HXRBS*	03:36:18	03:36:36	03:36:54	Wavelength=1375A		Qual=01	Rast=265"x265"		Step=5"
	UVSP	03:22						Pitch=+7", Yaw=+13"		
Event # = 12437		89/11/09, 03:40		DOY=313	SMM Pointing:		N04W01	Pitch=-5", Yaw=-9", Roll=10deg		H. Ang=1deg
	Start	End times	Peak		Ha...Class=SF		N17E14	Mac.=EKI		Carr. Lon.=292deg
	03:15	03:45	03:40		Peak...c/s=104		Qual=00	MaxkeV=165		H. Ang=19deg
	HXRBS*	03:39:52	03:40:50	03:41:40	Wavelength=1375A		Qual=01	Rast=265"x265"		Step=5"
	UVSP	03:22						Pitch=+7", Yaw=+13"		
Event # = 12438		89/11/09, 03:53		DOY=313	SMM Pointing:		N04W01	Pitch=-5", Yaw=-9", Roll=10deg		H. Ang=1deg
	Start	End times	Peak		Ha...Class=SF		N12W07	Mac.=DAI		Carr. Lon.=313deg
	03:15	03:45	03:53		Peak...c/s=255		Qual=00	MaxkeV=140		Flags=M5, FS
	HXRBS*	03:53:35	03:53:49	03:53:59	Wavelength=1375A		Qual=01	Rast=265"x265"		Step=5"
	UVSP	03:22						Pitch=+7", Yaw=+13"		
Event # = 12427		89/11/09, 04:50		DOY=313	SMM Pointing:		N16W13	Pitch=-211", Yaw=-210", Roll=0deg		H. Ang=18deg
	Start	End times	Peak		Ha...Class=SF		N20W16	Mac.=DAI		Carr. Lon.=322deg
	04:15	04:45	04:50		Peak...c/s=290		Qual=00	MaxkeV=114		H. Ang=23deg
	HXRBS*	04:49:54	04:50:13	04:50:27	Wavelength=1375A		Qual=01	Rast=265"x265"		Step=5"
	UVSP	04:53						Pitch=-203", Yaw=-198"		
Event # = 12428		89/11/09, 04:50		DOY=313	SMM Pointing:		N16W13	Pitch=-211", Yaw=-210", Roll=0deg		H. Ang=18deg
	Start	End times	Peak		Peak...c/s=75		Qual=00	MaxkeV=88		Flags=M5
	04:15	04:45	04:50		Wavelength=1375A		Qual=01	Rast=265"x265"		Step=5"
	HXRBS*	04:50:43	04:50:52	04:51:06				Pitch=203", Yaw=-198"		
	UVSP	04:53								
Event # = 12429		89/11/09, 05:23		DOY=313	SMM Pointing:		N16W13	Pitch=-211", Yaw=-210", Roll=0deg		H. Ang=18deg
	Start	End times	Peak		Ha...Class=SF		N12E55	Mac.=EAO		Carr. Lon.=251deg
	05:15	05:45	05:23		Importance=C5		Qual=01	MaxkeV=165		H. Ang=55deg
	HXRBS*	05:20:40	05:21:37	05:22:55	Peak...c/s=417		Qual=01	Rast=265"x265"		Step=5"
	UVSP	04:53			Wavelength=1375A		Code=00	Pitch=-203", Yaw=-198"		



Event # = 12430	DOY=313	Start	End times	SMM Pointing:	N16W14	Pitch=-208", Yaw=-229", Roll=0deg	H. Ang=19deg
89/11/09, 06:25	Peak						
Optical				Ha...Class=SF	N17E12	Mac.=EKI	H. Ang=18deg
GOES	06:12	06:37	06:37	Importance=C8	Qual=04	Carr. Lon.=293deg	
HXRBS*	06:19:01	06:20:26	06:20:56	Peak...c/s=56	Qual=02	Flags=SN	
UVSP	06:23			Wavelength=1375A	Code=00	Step=5"	Pitch=-204", Yaw=-211"
HXRBS*	06:30:27	06:30:33	06:31:04	Peak...c/s=45	Associated	MaxkeV=62	
UVSP	06:27			Wavelength=1375A	Qual=01	Rast=30"x30"	Pitch=-142", Yaw=-223"
						Step=5"	
Event # = 12432	DOY=313	Start	End times	SMM Pointing:	N16W14	Pitch=-208", Yaw=-229", Roll=0deg	H. Ang=19deg
89/11/09, 06:47	Peak						
GOES				Peak...c/s=52	Qual=00	MaxkeV=62	
HXRBS*	06:46:37	06:47:00	06:47:14	Wavelength=1375A	Qual=01	Rast=30"x30"	Pitch=-142", Yaw=-225"
UVSP	06:39					Step=5"	
Event # = 12433	DOY=313	Start	End times	SMM Pointing:	N16W14	Pitch=-208", Yaw=-229", Roll=0deg	H. Ang=19deg
89/11/09, 06:54	Peak						
GOES				Peak...c/s=49	Qual=00	MaxkeV=62	
HXRBS*	06:53:53	06:54:04	06:54:11	Wavelength=1375A	Qual=01	Rast=30"x30"	Pitch=-142", Yaw=-227"
UVSP	06:49					Step=5"	
Event # = 12434	DOY=313	Start	End times	SMM Pointing:	N16W14	Pitch=-208", Yaw=-229", Roll=0deg	H. Ang=19deg
89/11/09, 07:09	Peak						
GOES				Peak...c/s=42	Qual=00	MaxkeV=62	
HXRBS*	07:09:09	07:09:47	07:09:59	Wavelength=1375A	Qual=01	Rast=30"x30"	Pitch=-142", Yaw=-228"
UVSP	07:01					Step=5"	
Event # = 12435	DOY=313	Start	End times	SMM Pointing:	N03W00	Pitch=-1", Yaw=+1", Roll=179deg	H. Ang=0deg
89/11/09, 08:23	Peak						
Optical				Ha...Class=SF	N13E53	Mac.=EAO	H. Ang=53deg
GOES	08:19	08:23	08:43	Importance=M1	Qual=01	Carr. Lon.=251deg	
HXRBS*	08:19:22	08:21:40	08:26:33	Peak...c/s=10830	Qual=01	Flags=M5, FS	
GRS	08:21:00	08:22:00	08:22:00			MaxkeV=461	
BCS	08:31	08:32	08:38	CaPeak.c/s=23	Qual= 4	FePeak.c/s=7	Dur=60sec
FCS						Rast=240"x240"	XEN=931302
UVSP	08:36			Wavelength=2788A		Step=15"	Cad= 262s
Radio	Frequency(MHz)/Flux(sfu):	606/78	1415/61	2695/150	4995/220	8800/180	15400/410
						Step=0"	Pitch=-3", Yaw=+0"
Event # = 12444	DOY=313	Start	End times	SMM Pointing:	N03W00	Pitch=-1", Yaw=+1", Roll=179deg	H. Ang=0deg
89/11/09, 09:00	Peak						
Optical				Ha...Class=SF	N17E08	Mac.=EKI	H. Ang=16deg
GOES	08:54	09:00	09:36	Importance=M2	Qual=05	Carr. Lon.=296deg	
HXRBS*	09:30:18	09:30:57	09:31:45	Peak...c/s=132	Qual=01	MaxkeV=88	
UVSP	08:36			Wavelength=2788A	Code=01	Rast=180"x1"	Pitch=-3", Yaw=+0"
						Step=0"	

Event # = 12445		DOY=313		SMM Pointing:		Pitch=-1", Yaw=+1", Roll=179deg		H. Ang=0deg	
89/11/09, 09:36	Start	End times	Peak	Ha...Class=1N	N03W00	AR5786	Mac.=EAO	Carr.Lon.=251deg	H. Ang=52deg
Optical				Ha...Class=SF	N13W08	AR5781		Carr.Lon.=311deg	H. Ang=12deg
GOES				Peak...c/s=1972	Qual=01			Flags=DG	
HXRBS*	09:32:28	09:36:24	09:48:01	Wave length=2788A	Qual=11	Tot Cts=72246	MaxkeV=461	Step=0"	Pitch=-3", Yaw=+0"
UVSP	08:36			245/180 606/71 2695/27		Exp #=99568	Rast=180"x1"		
Radio	Frequency (MHz)/Flux(sfu): 245/180 606/71 2695/27 4995/110 8800/95 15400/750								
Event # = 12436		DOY=313		SMM Pointing:		Pitch=-1", Yaw=+1", Roll=179deg		H. Ang=0deg	
89/11/09, 10:03	Start	End times	Peak	Ha...Class=2F	N03W00				
GOES				Importance=H1	Qual=00				
HXRBS*	10:02:09	10:03:02	10:03:15	Peak...c/s=74	Qual=01	Tot Cts=699	MaxkeV=114		
Radio	Sweeps Type/Intensity: I11/2								
Radio	Frequency (MHz)/Flux(sfu): 245/220								
Event # = 12443		DOY=313		SMM Pointing:		Pitch=-210", Yaw=-278", Roll=0deg		H. Ang=21deg	
89/11/09, 12:40	Start	End times	Peak	Ha...Class=2F	N16W17	AR5770	Mac.=ESO	Carr.Lon.=32deg	H. Ang=89deg
Optical				Importance=H1	N17W90				
GOES	12:27	12:40	12:57	Peak...c/s=161	Qual=04				
HXRBS*	12:27:19	12:38:02	12:38:20	Wave length=2788A	Qual=13	Tot Cts=13589	MaxkeV=165	Flags=ES, IS, DG	
UVSP	13:07			606/1		Exp #=99571	Rast=180"x1"	Step=0"	Pitch=-78", Yaw=-97"
Event # = 12439		DOY=313		SMM Pointing:		Pitch=-210", Yaw=-278", Roll=0deg		H. Ang=21deg	
89/11/09, 13:07	Start	End times	Peak	Peak...c/s=49	N16W17				
GOES				Wave length=2788A	Qual=00				
HXRBS*	13:07:44	13:07:50	13:08:10	606/1	Qual=01	Tot Cts=167	MaxkeV=62	Step=0"	Pitch=-78", Yaw=-97"
UVSP	13:07					Exp #=99571	Rast=180"x1"		
Radio	Frequency (MHz)/Flux(sfu): 606/1								
Event # = 12440		DOY=313		SMM Pointing:		Pitch=-210", Yaw=-278", Roll=0deg		H. Ang=21deg	
89/11/09, 13:11	Start	End times	Peak	Peak...c/s=80	N16W17				
GOES				Wave length=2788A	Qual=00				
HXRBS*	13:09:45	13:11:50	13:12:58	245/710	Qual=01	Tot Cts=1671	MaxkeV=88	Step=0"	Pitch=-78", Yaw=-97"
UVSP	13:07					Exp #=99571	Rast=180"x1"		
Radio	Frequency (MHz)/Flux(sfu): 245/710								
Event # = 12441		DOY=313		SMM Pointing:		Pitch=-205", Yaw=-295", Roll=0deg		H. Ang=22deg	
89/11/09, 14:00	Start	End times	Peak	Peak...c/s=63	N15W18				
GOES				Wave length=2788A	Qual=00				
HXRBS*	13:59:43	14:00:22	14:01:09		Qual=01	Tot Cts=621	MaxkeV=88	Step=0"	Pitch=-78", Yaw=-357"
UVSP	13:43					Exp #=99572	Rast=180"x1"		

Event # = 12442	DOY=313	Peak	Start	End times	SMM Pointing:	N15W18	Pitch=-205", Yaw=-295", Roll=0deg	H.Ang=22deg
Optical	14:06	14:06	14:11	Ha...Class=SF	N18E05	AR5783	Mac.=EKI	Carr. Lon.=296deg
GOES	13:52	14:06	14:11	Importance=M1	Qual=02		MaxkeV=88	H.Ang=15deg
HXRBS*	14:03:26	14:04:08	14:05:56	Peak...c/s=114	Qual=01	Tot Cts=4547	FePeak.C/s=10	#Peaks=1 dt= 3.8s
BCS	13:54	14:01	14:37	CaPeak.c/s=46	Qual= 2	FePeak=13:56	Rast=240"x240"	Step=15" Cad= 262s
FCS							Step=0" Pitch=-78"	XEN=931303
UVSP	13:43			Wavelength=2788A	Code=01	Exp #=99572	Rast=180"x1"	Pitch=-78", Yaw=-357"
Event # = 12449	DOY=313	Peak	Start	End times	SMM Pointing:	N16W19	Pitch=-213", Yaw=-307", Roll=0deg	H.Ang=23deg
Optical	15:53	15:58	16:06	Ha...Class=SN	N18E07	AR5783	Mac.=EKI	Carr. Lon.=293deg
GOES	15:53	15:58	16:06	Importance=C8	Qual=02		MaxkeV=114	H.Ang=16deg
HXRBS*	15:53:40	15:54:15	16:11:59	Peak...c/s=789	Qual=12	Tot Cts=50796	Rast=180"x1"	Flags=M5, SA, IS
UVSP	16:08			Wavelength=2788A		Exp #=99575	Step=0" Pitch=-78"	Step=0" Pitch=-78", Yaw=-378"
Radio				Frequency(MHz)/Flux(sfu):	8800/66			
Event # = 12446	DOY=313	Peak	Start	End times	SMM Pointing:	N10E44	Pitch=-127", Yaw=-664", Roll=0deg	H.Ang=44deg
Optical	16:59	17:15	17:21	Ha...Class=SF	N18E03	AR5783	Mac.=EKI	Carr. Lon.=296deg
GOES	17:00:30	17:02:36	17:03:14	Importance=C8	Qual=01		MaxkeV=88	H.Ang=15deg
HXRBS*	17:13	17:14	17:44	Peak...c/s=155	Qual=01	Tot Cts=9101	FePeak.C/s=23	#Peaks=1 dt= 3.8s
BCS	17:13	17:14	17:44	CaPeak.c/s=94	Qual= 1	FePeak=17:14	Rast=240"x240"	Step=15" Cad= 262s
FCS							Step=0" Pitch=-7"	XEN=931304
UVSP	17:38			Wavelength=2788A		Exp #=99577	Rast=180"x1"	Step=0" Pitch=-7", Yaw=-588"
HXRBS*	17:13:14	17:13:42	17:14:34	Peak...c/s=207	Qual=01	Event # = 12447	MaxkeV=165	Flags=FS
Radio Sweeps				Type/Intensity:	III/1	Tot Cts=2114		
Event # = 12448	DOY=313	Peak	Start	End times	SMM Pointing:	N10E44	Pitch=-127", Yaw=-664", Roll=0deg	H.Ang=44deg
Optical	17:42	17:45	17:47	Ha...Class=IN	N18E03	AR5783	Mac.=EKI	Carr. Lon.=296deg
GOES	17:42	17:45	17:47	Importance=C6	Qual=02		MaxkeV=114	H.Ang=15deg
HXRBS*	17:42:29	17:42:45	17:44:25	Peak...c/s=137	Qual=01	Tot Cts=1922	Rast=180"x1"	Step=0" Pitch=-7", Yaw=-588"
UVSP	17:38			Wavelength=2788A	Code=00	Exp #=99577		
Event # = 12450	DOY=313	Peak	Start	End times	SMM Pointing:	N03W00	Pitch=+0", Yaw=+0", Roll=12deg	H.Ang=0deg
Optical	18:40	18:40:25	18:40:37	Peak...c/s=60	Qual=00		MaxkeV=88	H.Ang=0deg
GOES	18:14	18:40:14	18:40:25	Importance=M1	Qual=01	Tot Cts=182	Rast=180"x1"	Step=0" Pitch=-70"
HXRBS*	18:47:52	18:52:35	19:11:01	CaPeak.c/s=113	Qual=11	Exp #=99578		
UVSP	18:14			Wavelength=2788A				
Radio				Frequency(MHz)/Flux(sfu):	245/52			
Event # = 12451	DOY=313	Peak	Start	End times	SMM Pointing:	N03W00	Pitch=+0", Yaw=+0", Roll=12deg	H.Ang=0deg
Optical	18:51	19:05	19:22	Ha...Class=IN	N13E46	AR5786	Mac.=EAO	Carr. Lon.=252deg
GOES	18:51	19:05	19:22	Importance=M1	Qual=02		MaxkeV=165	H.Ang=46deg
HXRBS*	18:47:52	18:52:35	19:11:01	Peak...c/s=113	Qual=11	Tot Cts=4041	Rast=180"x1"	Flags=IS, DG
UVSP	18:14			Wavelength=2788A		Exp #=99578	Step=0" Pitch=-134"	Step=0" Pitch=-134", Yaw=-70"
Radio				Frequency(MHz)/Flux(sfu):	245/130 606/180 2695/60 4995/55 8800/52			

Event # = 12452	SMM Pointing:							
89/11/09, 19:39	D0Y=313	Peak	End times		Pitch=+0", Yaw=+0", Roll=0deg		H. Ang=0deg	
Optical	Ha... Class=IN		N03W00	AR5776		Carr. Lon.=321deg		H. Ang=26deg
Optical	Ha... Class=IN		N17W23	AR5783		Carr. Lon.=298deg		H. Ang=14deg
Optical	Ha... Class=SN		N18E05	AR5783		Carr. Lon.=293deg		H. Ang=15deg
GOES	19:24	19:39	Qual=05	Tot Cts=14405	Flags=SN			
HXRBS*	19:53:43	19:56:25	Qual=02	FePeak=20:10	dt= 7.7s		XEN=931305	
BCS	20:03	20:11	Qual=1	Exp #=99579	Rast=240"x240"		Cad= 262s	
UVSP	CaPeak.c/s=115		Wavelength=2788A		Rast=243"x243"		Pitch=+7", Yaw=+13"	
Radio	Frequency (MHz)/Flux(sfu):		245/1400	410/130	4995/300		8800/180 15400/150	
Event # = 12453								
89/11/09, 20:15	D0Y=313	Peak	End times		Pitch=+0", Yaw=+0", Roll=0deg		H. Ang=0deg	
GOES	Ha... Class=IN		N03W00	Qual=00				
HXRBS*	20:15:09	20:15:19	Qual=01	Tot Cts=286	MaxkeV=114			
UVSP	Peak...c/s=88		Wavelength=2788A		Rast=243"x243"		Step=3" Pitch=+7", Yaw=+13"	
Radio	Frequency (MHz)/Flux(sfu):		245/82		Step=3"			
Event # = 12454								
89/11/09, 20:17	D0Y=313	Peak	End times		Pitch=+0", Yaw=+0", Roll=0deg		H. Ang=0deg	
GOES	Ha... Class=IN		N03W00	Qual=00				
HXRBS*	20:17:43	20:17:59	Qual=01	Tot Cts=186	MaxkeV=88			
UVSP	Peak...c/s=49		Wavelength=2788A		Rast=243"x243"		Step=3" Pitch=+7", Yaw=+13"	
Radio	Frequency (MHz)/Flux(sfu):		245/82		Step=3"			
Event # = 12455								
89/11/09, 21:42	D0Y=313	Peak	End times		Pitch=+0", Yaw=+0", Roll=0deg		H. Ang=0deg	
Optical	Ha... Class=IN		N03W00	AR5776		Carr. Lon.=323deg		H. Ang=31deg
GOES	21:36	21:42	N21W26	Tot Cts=16461		#Peaks=1		XEN=931306
HXRBS*	21:34:44	21:37:06	Qual=03	FePeak=21:42	Rast=240"x240"		Cad= 262s	
BCS	21:42	21:43	Qual=01	Exp #=99580	Rast=265"x265"		Pitch=+7", Yaw=+13"	
FCS	CaPeak.c/s=51		Code=00		Step=5"			
UVSP	Type/Intensity:		III/2		Step=5"			
Radio	Frequency (MHz)/Flux(sfu):		1415/68		2695/89		4995/30	
Event # = 12456								
89/11/09, 21:46	D0Y=313	Peak	End times		Pitch=+0", Yaw=+0", Roll=0deg		H. Ang=0deg	
Optical	Ha... Class=SN		N03W00	AR5783		Carr. Lon.=293deg		H. Ang=15deg
GOES	Importance=M1		N18E04	Tot Cts=2975		#Peaks=1		XEN=931306
HXRBS*	21:44:58	21:46:31	Qual=00	Exp #=99580	Rast=240"x240"		Cad= 262s	
UVSP	Peak...c/s=145		Wavelength=1375A		Rast=265"x265"		Pitch=+7", Yaw=+13"	
Radio	Frequency (MHz)/Flux(sfu):		245/1200		Step=5"			
Event # = 12457								
89/11/09, 21:50	D0Y=313	Peak	End times		Pitch=+0", Yaw=+0", Roll=0deg		H. Ang=0deg	
GOES	Ha... Class=SN		N03W00	Qual=00				
HXRBS*	21:49:49	21:50:51	Qual=01	Tot Cts=1234	MaxkeV=114			
UVSP	Peak...c/s=59		Wavelength=1375A		Rast=265"x265"		Step=5" Pitch=+7", Yaw=+13"	
Radio	Frequency (MHz)/Flux(sfu):		245/1200		Step=5"			

Event # = 23428		
89/11/09,22:47	DOY=313	
Optical	Peak	End times
GOES 22:43	22:47	23:04
BCS 22:56	22:56	23:04
FCS		
UVSP 23:00		
Ha...Class=SF N18E04 AR5783		
Importance=M2 Qual=05		
CaPeak.c/s=73 Qual= 5		
WaveLength=1375A		
Carr. Lon. =292deg H. Ang =15deg		
#Peaks=1 dt= 0.5s XEN=931307		
Step=15" Cad= 262s 1.024s/pixel		
Step=5" Pitch=-162",Yaw=+27"		
Rast=240"x240"		
Rast=265"x265"		
FePeak.c/s=7 #Peaks=1 dt= 0.5s XEN=931307		
Step=15" Cad= 262s 1.024s/pixel		
Step=5" Pitch=-162",Yaw=+27"		
Rast=240"x240"		
Rast=265"x265"		
Exp # =99582		
Pitch=-87",Yaw=+14",Roll=0deg H. Ang=5deg		
Event # = 12458		
89/11/09,23:25	DOY=313	
Optical	Peak	End times
GOES 23:22	23:25:26	23:25:37
HXRBS* 23:04	23:25:26	23:25:37
UVSP 23:04	23:25:26	23:25:37
SMM Pointing: N09E01		
Qual=00		
Qual=01		
Peak...c/s=49		
WaveLength=1375A		
MaxkeV=88		
Rast=70"x70"		
Step=5" Pitch=-337",Yaw=+35"		
Tot Cts=123		
Exp # =99583		
Event # = 12459		
89/11/09,23:37	DOY=313	
Optical	Peak	End times
GOES 23:28	23:37	23:53
HXRBS* 23:29:35	23:30:39	23:36:31
BCS 23:30	23:34	23:48
FCS		
UVSP 23:04		
SMM Pointing: N30E01		
Qual=01		
Qual=01		
Qual= 1		
Importance=M1		
Peak...c/s=174		
CaPeak.c/s=329		
WaveLength=1375A		
Code=00		
MaxkeV=114		
FePeak.c/s=115 #Peaks=1 dt= 0.5s XEN=931308		
Step=15" Cad= 262s 1.024s/pixel		
Step=5" Pitch=-337",Yaw=+35"		
Rast=240"x240"		
Rast=70"x70"		
Exp # =99583		
Pitch=-434",Yaw=+14",Roll=0deg H. Ang=27deg		
Event # = 12460		
89/11/09,23:47	DOY=313	
Optical	Peak	End times
GOES 23:47:38	23:47:43	23:47:50
HXRBS* 23:04	23:47:38	23:47:43
UVSP 23:04	23:47:38	23:47:43
SMM Pointing: N30E01		
Qual=00		
Qual=01		
Peak...c/s=43		
WaveLength=1375A		
MaxkeV=62		
Rast=70"x70"		
Step=5" Pitch=-337",Yaw=+35"		
Tot Cts=74		
Exp # =99583		
Pitch=-441",Yaw=+14",Roll=0deg H. Ang=27deg		
Event # = 12461		
89/11/10,00:30	DOY=314	
Optical	Peak	End times
GOES 00:30:17	00:30:55	00:31:44
HXRBS* 00:30	00:30:17	00:30:55
UVSP 00:30	00:30	00:30
SMM Pointing: N08W00		
Qual=00		
Qual=01		
Peak...c/s=61		
WaveLength=1375A		
MaxkeV=114		
Rast=70"x70"		
Step=5" Pitch=-126",Yaw=+21"		
Tot Cts=796		
Exp # =99584		
Pitch=-81",Yaw=-1",Roll=0deg H. Ang=5deg		
Event # = 23429		
89/11/10,00:33	DOY=314	
Optical	Peak	End times
GOES 00:32	00:33	00:34
BCS 00:32	00:33	00:34
FCS		
UVSP 00:30		
SMM Pointing: N08W00		
Qual=00		
Qual= 4		
CaPeak.c/s=21		
WaveLength=1375A		
MaxkeV=114		
Rast=70"x70"		
Step=5" Pitch=-126",Yaw=+21"		
FePeak.c/s=5 #Peaks=1 dt= 0.5s XEN=931400		
Step=15" Cad= 262s 1.024s/pixel		
Step=5" Pitch=-126",Yaw=+21"		
Rast=240"x240"		
Rast=70"x70"		
Exp # =99584		
Pitch=-81",Yaw=-1",Roll=0deg H. Ang=5deg		
Event # = 23430		
89/11/10,00:36	DOY=314	
Optical	Peak	End times
GOES 00:36	00:36	00:38
BCS 00:36	00:36	00:38
FCS		
UVSP 00:30		
SMM Pointing: N08W00		
Qual=00		
Qual= 4		
CaPeak.c/s=19		
WaveLength=1375A		
MaxkeV=114		
Rast=70"x70"		
Step=5" Pitch=-126",Yaw=+21"		
FePeak.c/s=6 #Peaks=1 dt= 0.5s XEN=931401		
Step=15" Cad= 262s 1.024s/pixel		
Step=5" Pitch=-126",Yaw=+21"		
Rast=240"x240"		
Rast=70"x70"		
Exp # =99584		
Pitch=-81",Yaw=-1",Roll=0deg H. Ang=5deg		

Event # = 23431		DOY=314		Peak		End times	
89/11/10,00:40	Start	00:40	00:40	00:46	00:46	FePeak=00:41	Exp #=99584
GOES				Qual=00			
BCS				Qual=4			
FCS				CaPeak.c/s=23			
UVSP				Wavelength=1375A			
Event # = 12462		DOY=314		Peak		End times	
89/11/10,00:50	Start	00:50:34	00:51:29	00:51:29	00:51:29	FePeak=01:00	Exp #=99584
Optical				Qual=01			
GOES				Qual=00			
HXRBS*				Peak...c/s=850			
UVSP				Wavelength=1375A			
Radio				606/84 1415/36 2695/67 4995/41 8800/32 15400/57			
Event # = 23432		DOY=314		Peak		End times	
89/11/10,01:00	Start	01:00	01:06	01:06	01:06	FePeak=01:00	Exp #=99584
Optical				Qual=1			
GOES				Qual=00			
BCS				Ha...Class=SF			
FCS				CaPeak.c/s=31			
UVSP				Wavelength=1375A			
Event # = 23433		DOY=314		Peak		End times	
89/11/10,01:08	Start	01:08	01:10	01:10	01:10	FePeak=01:08	Exp #=99584
Optical				Qual=4			
GOES				Qual=00			
BCS				Ha...Class=SF			
FCS				CaPeak.c/s=20			
UVSP				Wavelength=1375A			
Event # = 23434		DOY=314		Peak		End times	
89/11/10,01:12	Start	01:12	01:14	01:14	01:14	FePeak=01:12	Exp #=99584
Optical				Qual=4			
GOES				Qual=00			
BCS				Ha...Class=SF			
FCS				CaPeak.c/s=21			
UVSP				Wavelength=1375A			
Event # = 23435		DOY=314		Peak		End times	
89/11/10,01:16	Start	01:16	01:17	01:17	01:17	FePeak=01:16	Exp #=99584
Optical				Qual=4			
GOES				Qual=00			
BCS				Ha...Class=SF			
FCS				CaPeak.c/s=19			
UVSP				Wavelength=1375A			

Event # = 12463							Pitch=-81"	Yaw=-1"	Roll=0deg	H.Ang=5deg		
89/11/10,01:55	Start	DOY=314	Peak	SMM Pointing:			N08W00					
Optical											H.Ang=15deg	
GOES	01:43	01:55	02:36	Ha...Class=1N	N18W01	Qual=05	AR5783					
HXRBS*	01:55:56	01:56:17	02:04:00	Importance=M4	Qual=02	Tot Cts=10112	Flags=SN		dt= 3.8s	XEN=931407		
BGS	01:57	01:58	02:30	Peak...c/s=131	Qual= 5	FePeak=01:57	Rast=240"x240"		Cad= 262s	1.024s/pixel		
FCS												
UVSP	02:01			Wavelength=1375A	Code=02	Exp #=99585	Step=5"		Pitch=-156"		Yaw=+5"	
Event # = 12464												
89/11/10,02:16	Start	DOY=314	Peak	SMM Pointing:			N19W01			H.Ang=16deg		
Optical											H.Ang=41deg	
GOES	02:16:19	02:16:56	02:19:49	Ha...Class=SF	N10E41	Qual=00	AR5786					
HXRBS*	02:01	02:16:56	02:19:49	Peak...c/s=694	Qual=01	Tot Cts=12836	MaxkeV=245		dt= 7.7s	XEN=931408		
UVSP	02:01			Wavelength=1375A	Code=01	Exp #=99585	Rast=70"x70"		Cad= 262s	1.024s/pixel		
Radio Sweeps							Step=5"		Pitch=-156"		Yaw=+5"	
Radio Frequency (MHz)/Flux(sfu):	606/490	1415/32	2695/63	4995/37		8800/24						
Event # = 12465												
89/11/10,02:30	Start	DOY=314	Peak	SMM Pointing:			N19W01			H.Ang=16deg		
GOES	02:30:18	02:30:23	02:30:32	Qual=00								
HXRBS*	02:30	02:30	02:49	Peak...c/s=157	Qual=01	Tot Cts=335	MaxkeV=165		dt= 7.7s	XEN=931408		
BGS	02:30	02:30	02:49	CaPeak.c/s=92	Qual= 5	FePeak=02:30	Rast=240"x240"		Cad= 262s	1.024s/pixel		
FCS							Step=5"		Pitch=-156"		Yaw=+5"	
UVSP	02:01			Wavelength=1375A			Exp #=99585					
Event # = 12466												
89/11/10,02:37	Start	DOY=314	Peak	SMM Pointing:			N19W01			H.Ang=16deg		
GOES	02:37:02	02:37:53	02:38:50	Qual=00								
HXRBS*	02:01	02:37:02	02:38:50	Peak...c/s=167	Qual=01	Tot Cts=2761	MaxkeV=192		dt= 7.7s	XEN=931409		
UVSP	02:01			Wavelength=1375A			Rast=70"x70"		Cad= 262s	1.024s/pixel		
Event # = 12467												
89/11/10,03:42	Start	DOY=314	Peak	SMM Pointing:			N19W02			H.Ang=16deg		
Optical											H.Ang=15deg	
GOES	03:38	03:42	03:51	Ha...Class=1F	N18W03	Qual=04	AR5783					
HXRBS*	03:39:21	03:40:32	03:44:23	Importance=M1	Qual=01	Tot Cts=26893	MaxkeV=165		dt= 3.8s	XEN=931409		
BGS	03:40	03:42	03:54	Peak...c/s=509	Qual= 1	FePeak=03:41	Rast=240"x240"		Cad= 262s	1.024s/pixel		
FCS							Step=5"		Pitch=-156"		Yaw=-9"	
UVSP	03:31			Wavelength=1375A	Code=00	Exp #=99586	Event # = 23436					
BGS	03:54	03:54	03:58	Associated			FePeak.c/s=10		dt= 7.7s	XEN=931410		
FCS					Qual= 5			Rast=180"x180"		Cad= 332s	1.024s/pixel	
Event # = 12468												
89/11/10,05:04	Start	DOY=314	Peak	SMM Pointing:			N19W03			H.Ang=16deg		
GOES	05:03:40	05:04:02	05:04:41	Qual=00								
HXRBS*	05:03	05:04:02	05:04:41	Peak...c/s=56	Qual=01	Tot Cts=298	MaxkeV=88		dt= 7.7s	XEN=931410		
UVSP	05:03			Wavelength=1375A			Rast=70"x70"		Cad= 332s	1.024s/pixel		
								Step=5"		Pitch=-156"		Yaw=-22"







Event # = 12473														
89/11/10, 12:36	DOY=314	Peak											Pitch=-260", Yaw=-100", Roll=0deg	H. Ang=17deg
GOES			SMM Pointing:	N19W06										
HXRBS*	12:36:35	12:36:42	12:36:55	Qual=00									MaxkeV=62	
UVSP	12:21			Qual=01									Rast=180"x1"	Step=0" Pitch=-127", Yaw=-176"
				Peak...c/s=53	Tot Cts=136									
				Wavelength=2788A	Exp #=99592									
Event # = 12472														
89/11/10, 13:12	DOY=314	Peak											Pitch=-260", Yaw=-100", Roll=0deg	H. Ang=17deg
GOES			SMM Pointing:	N19W06										
HXRBS*	12:34:00	12:34:37	12:35:12	Qual=00									MaxkeV=88	
BCS	12:31	13:12	13:23	Qual=01									FePeak.c/s=30	dt= 7.7s XEN=931417
FCS				Qual= 5									Rast=240"x240"	Step=15" Cad= 262s 1.024s/pixel
UVSP	13:16			Wavelength=2788A	Exp #=99593								Rast=180"x1"	Step=0" Pitch=-127", Yaw=-184"
Event # = 12474														
89/11/10, 13:31	DOY=314	Peak											Pitch=-261", Yaw=-111", Roll=0deg	H. Ang=17deg
Optical			SMM Pointing:	N19W07										
GOES	12:54	13:31	13:58	Ha...Class=LN									Mac.=FKI	Carr. Lon.=292deg
HXRBS*	12:55:14	12:55:43	13:12:30	Importance=M1									MaxkeV=114	Flags=SA, IS
UVSP	13:16			Peak...c/s=223									Rast=180"x1"	Step=0" Pitch=-127", Yaw=-184"
				Wavelength=2788A	Code=01									
				Peak...c/s=50	Associated									
				Event # = 12475										
				Tot Cts=202	Qual=01									
Event # = 23441														
89/11/10, 14:02	DOY=314	Peak												
GOES			SMM Pointing:	N19W09										
BCS	14:01	14:02	14:12	Qual=05									FePeak.c/s=6	#Peaks=1 dt= 3.8s XEN=931418
FCS				Qual= 5									Rast=240"x240"	Step=15" Cad= 262s 1.024s/pixel
UVSP	13:51			Wavelength=2788A	Exp #=99594								Rast=180"x1"	Step=0" Pitch=-127", Yaw=-184"
Event # = 12480														
89/11/10, 16:17	DOY=314	Peak											Pitch=-262", Yaw=-137", Roll=0deg	H. Ang=18deg
GOES			SMM Pointing:	N19W09										
HXRBS*	16:12	16:17	16:23	Qual=01									MaxkeV=62	
UVSP	16:13:35	16:14:04	16:14:35	Qual=02									Rast=180"x1"	Step=0" Pitch=-127", Yaw=-45"
				Code=00										
				Importance=C8										
				Peak...c/s=65	Tot Cts=510									
				Wavelength=2788A	Exp #=99597									
Event # = 12481														
89/11/10, 17:08	DOY=314	Peak											Pitch=-262", Yaw=-137", Roll=0deg	H. Ang=18deg
Optical			SMM Pointing:	N19W09										
GOES				Ha...Class=SF										
HXRBS*	17:01:11	17:02:21	17:08:13	Qual=00									MaxkeV=62	
BCS	17:07	17:08	17:13	Qual=02									FePeak.c/s=7	#Peaks=1 dt= 7.7s XEN=931419
FCS				Qual= 4									Rast=240"x240"	Step=15" Cad= 262s 1.024s/pixel
UVSP	16:52			Wavelength=2788A	Exp #=99598								Rast=180"x1"	Step=0" Pitch=-127", Yaw=-40"

Event # = 23443		DOY=314		End times					
89/11/10,21:34	Start	21:34	Peak	21:41		Qual=00	FePeak=21:36	FePeak.c/s=5	#Peaks=1
GOES						Qual=5		Rast=240"x240"	Step=15"
BGS	21:34	21:34	CaPeak.c/s=22	21:41	21:41	Qual=5	FePeak=21:36	Rast=180"x1"	Step=0"
FCS			WaveLength=2788A				Exp #=99603		dt= 7.7s
UVSP	21:23								Cad= 262s
									Pitch=-129",Yaw=+1"
Event # = 12485		DOY=314		End times					
89/11/10,21:45	Start	21:45	Peak	21:44:23	21:44:29	N19W12		Pitch=-263",Yaw=-186",Roll=0deg	H.Ang=19deg
GOES						Qual=00			
HXRBS*	21:43:15	21:44:23	Peak...c/s=63	21:44:29	21:44:29	Qual=00	Tot Cts=249	MaxkeV=62	#Peaks=1
BGS	21:45	21:45	CaPeak.c/s=21	21:46	21:46	Qual=01	FePeak=21:45	FePeak.c/s=7	Step=15"
FCS			WaveLength=2788A			Qual=4		Rast=240"x240"	Cad= 262s
UVSP	21:23						Exp #=99603	Rast=180"x1"	Pitch=0"
									H.Ang=19deg
Event # = 23444		DOY=314		End times					
89/11/10,21:49	Start	21:49	Peak	21:52	21:52	Qual=00	FePeak=21:49	FePeak.c/s=8	#Peaks=1
GOES						Qual=1		Rast=240"x240"	Step=15"
BGS	21:47	21:49	CaPeak.c/s=29	21:52	21:52	Qual=1	FePeak=21:49	Rast=180"x1"	Step=0"
FCS			WaveLength=2788A				Exp #=99603		dt= 7.7s
UVSP	21:23								Cad= 262s
									Pitch=-129",Yaw=+1"
Event # = 12486		DOY=314		End times					
89/11/10,22:01	Start	22:01	Peak	22:04	22:04	N19W12		Pitch=-263",Yaw=-186",Roll=0deg	H.Ang=19deg
Optical						N14E31		Mac.=FA0	Carr.Lon.=252deg
GOES	21:57	22:01	Ha...Class=SF	22:04	22:04	Qual=01	AR5786	MaxkeV=88	H.Ang=32deg
HXRBS*	21:58:41	21:58:59	Importance=C4	21:59:37	21:59:37	Qual=01	Tot Cts=817	Rast=180"x1"	Step=0"
UVSP	21:23		Peak...c/s=80				Exp #=99603		Pitch=-129",Yaw=+1"
			WaveLength=2788A						
Event # = 12487		DOY=315		End times					
89/11/11,00:53	Start	00:53	Peak	00:54:21	00:54:21	N19W13		Pitch=-264",Yaw=-214",Roll=0deg	H.Ang=20deg
GOES						Qual=00		MaxkeV=88	
HXRBS*	00:53:43	00:53:57	Peak...c/s=68	00:54:21	00:54:21	Qual=01	Tot Cts=507	Rast=265"x265"	Step=5"
UVSP	00:39		WaveLength=1375A				Exp #=99607		Pitch=-257",Yaw=-199"
Event # = 12488		DOY=315		End times					
89/11/11,05:07	Start	05:07	Peak	05:05:43	05:15:19	N19W15		Pitch=-264",Yaw=-237",Roll=0deg	H.Ang=21deg
Optical						N16W25		Mac.=FKC	Carr.Lon.=304deg
GOES	04:58	05:07	Ha...Class=SN	05:33	05:33	Qual=04	AR5783	MaxkeV=140	H.Ang=28deg
HXRBS*	05:05:09	05:05:43	Importance=M5	05:15:19	05:15:19	Qual=02	Tot Cts=21499	Rast=70"x70"	Flags=M5,SN
UVSP	05:11		Peak...c/s=222			Code=02	Exp #=99612	Step=5"	Pitch=-250",Yaw=-300"
Radio			WaveLength=1375A			4995/39 8800/56 15400/74			
Event # = 12489		DOY=315		End times					
89/11/11,05:26	Start	05:26	Peak	05:26:44	05:27:48	N19W16		Pitch=-261",Yaw=-255",Roll=0deg	H.Ang=22deg
GOES						Qual=00		MaxkeV=62	
HXRBS*	05:26:32	05:26:44	Peak...c/s=58	05:27:48	05:27:48	Qual=01	Tot Cts=591	Rast=70"x70"	Step=5"
UVSP	05:11		WaveLength=1375A				Exp #=99612		Pitch=-250",Yaw=-300"

Event # = 12490  
 89/11/11,07:16 DOY=315 H. Ang=23deg  
 Start Peak Roll=0deg  
 Optical N19W17 Pitch=-265", Yaw=-265", Roll=0deg  
 GOES 07:07 07:16 07:36 N19W14 Mac.=FKC Carr. Lon.=292deg H. Ang=21deg  
 HXRBS\* 07:11:06 07:11:14 07:13:15 Qual=03  
 UVSP 06:41 Peak...c/s=80 Tot Cts=1374 MaxkeV=114  
 Wavelength=1375A Code=00 Exp #=99613 Rast=70"x70" Step=5" Pitch=-250", Yaw=-312"

Event # = 12491  
 89/11/11,09:05 DOY=315 H. Ang=17deg  
 Start Peak Roll=0deg  
 GOES 08:56 09:05 09:16 N04W17 Pitch=-7", Yaw=-279", Roll=0deg  
 HXRBS\* 08:55:57 08:58:01 08:59:09 Qual=03 MaxkeV=245  
 UVSP 09:41 Peak...c/s=274 Tot Cts=9276 H. Ang=17deg  
 Radio Sweeps Type/Intensity: WaveLength=1375A Step=5" Pitch=+14", Yaw=-49"  
 Radio Frequency(MHz)/Flux(sfu): 1415/40 2695/110 4995/92 8800/38

Event # = 12492  
 89/11/11,19:00 DOY=315 H. Ang=0deg  
 Start Peak Roll=7deg  
 GOES 18:29 19:00:29 19:00:53 N03W00 Pitch=+0", Yaw=+0", Roll=7deg  
 HXRBS\* 18:29 19:00:32 19:00:53 Qual=00 MaxkeV=88  
 UVSP 18:29 Peak...c/s=56 Tot Cts=195 H. Ang=0deg  
 Wavelength=2788A Code=01 Exp #=99625 Rast=180"x1" Step=0" Pitch=+134", Yaw=+185"

89/11/12 DOY=316  
 Event # = 12493  
 89/11/12,06:05 DOY=316 H. Ang=32deg  
 Start Peak Roll=0deg  
 Optical N19W29 Pitch=-270", Yaw=-444", Roll=0deg  
 GOES 05:56 06:05 06:26 N15W40 Mac.=FKI Carr. Lon.=306deg H. Ang=41deg  
 HXRBS\* 05:57:18 06:00:43 06:05:18 Qual=03 MaxkeV=461 Dur=180sec  
 GRS 05:59:00 Peak...c/s=9913 Tot Cts=1.26E+6 Flags=EN  
 UVSP 05:18 Wavelength=1375A Code=00 Exp #=99637 Step=5" Pitch=-266", Yaw=-484"  
 Radio Sweeps Type/Intensity: WaveLength=1375A Step=5" Pitch=-266", Yaw=-484"  
 Radio Frequency(MHz)/Flux(sfu): 245/17000 410/1100 606/79 1415/150 2695/360 4995/840 8800/1200 15400/1700

Event # = 12494  
 89/11/12,17:16 DOY=316 H. Ang=38deg  
 Start Peak Roll=0deg  
 GOES 17:15:48 17:16:05 17:17:58 N19W35 Pitch=-274", Yaw=-525", Roll=0deg  
 HXRBS\* 17:15:48 17:16:05 17:17:58 Qual=00 MaxkeV=62  
 UVSP 17:05 Peak...c/s=43 Tot Cts=839 H. Ang=38deg  
 Wavelength=2788A Code=01 Exp #=99648 Rast=180"x1" Step=0" Pitch=-141", Yaw=-347"

Event # = 12495  
 89/11/12,20:18 DOY=316 H. Ang=39deg  
 Start Peak Roll=0deg  
 GOES 20:18:08 20:18:19 20:18:35 N19W37 Pitch=-277", Yaw=-548", Roll=0deg  
 HXRBS\* 20:18:08 20:18:19 20:18:35 Qual=00 MaxkeV=88 H. Ang=39deg  
 UVSP 20:06 Peak...c/s=51 Tot Cts=250  
 Wavelength=2788A Code=01 Exp #=99652 Rast=180"x1" Step=0" Pitch=-142", Yaw=-368"

89/11/13		DOY=317	
Event # = 12496			
89/11/13, 03:49	DOY=317		
Start	Peak		
Optical	SMM Pointing:		
GOES	Ha...Class=SF	N19W41	Pitch=-278", Yaw=-602", Roll=0deg
HXRBS*	Peak...c/s=72	AR5781	Mac.=EAO Carr.Lon.=313deg
UVSP	Wave length=1375A	Tot Cts=495	MaxkeV=88
		Exp #=99661	Rast=70"x70" Step=5" Pitch=-289", Yaw=-580"
Event # = 12497			
89/11/13, 08:46	DOY=317		
Start	Peak		
Optical	SMM Pointing:		
GOES	Ha...Class=SF	N19W43	Pitch=-277", Yaw=-628", Roll=0deg
HXRBS*	Importance=C2	AR5783	Mac.=FKI Carr.Lon.=288deg
UVSP	Peak...c/s=90	Tot Cts=582	MaxkeV=88
Radio Sweeps	Wave length=1375A	Exp #=99664	Rast=70"x70" Step=5" Pitch=-290", Yaw=-609"
Radio Frequency(MHz)/Flux(stu):	III/3 V/3		
	245/1000		
Associated Event # = 12498			
HXRBS*	Peak...c/s=69	Qual=01	MaxkeV=88
Radio Frequency(MHz)/Flux(stu):	410/230 606/76		
Event # = 12499			
89/11/13, 12:02	DOY=317		
Start	Peak		
Optical	SMM Pointing:		
GOES	Ha...Class=SF	N19W45	Pitch=-283", Yaw=-651", Roll=0deg
HXRBS*	Peak...c/s=62	Qual=01	MaxkeV=62
UVSP	Wave length=2788A	Tot Cts=297	Rast=180"x1" Step=0" Pitch=-147", Yaw=-472"
		Exp #=99666	
Event # = 12500			
89/11/13, 14:26	DOY=317		
Start	Peak		
Optical	SMM Pointing:		
GOES	Importance=C4	N19W46	Pitch=-281", Yaw=-662", Roll=0deg
HXRBS*	Peak...c/s=104	Qual=01	MaxkeV=88
UVSP	Wave length=2788A	Code=00	Rast=180"x1" Step=0" Pitch=-147", Yaw=-485"
		Tot Cts=2057	
		Exp #=99669	
Event # = 12501			
89/11/13, 22:08	DOY=317		
Start	Peak		
Optical	SMM Pointing:		
GOES	Ha...Class=SN	N19W54	Pitch=-288", Yaw=-740", Roll=0deg
HXRBS*	Importance=C5	N19W45	Mac.=FKI Carr.Lon.=289deg
UVSP	Peak...c/s=407	AR5783	MaxkeV=114
	Wave length=2788A	Tot Cts=5529	Rast=180"x1" Step=0" Pitch=-154", Yaw=-558"
		Exp #=99680	
89/11/14		DOY=318	
Event # = 12502			
89/11/14, 11:27	DOY=318		
Start	Peak		
Optical	SMM Pointing:		
GOES	Ha...Class=SF	N21W00	Pitch=-294", Yaw=+7", Roll=0deg
HXRBS*	Peak...c/s=109	N13W12	Mac.=FAI Carr.Lon.=248deg
UVSP	Wave length=1375A	Qual=01	MaxkeV=114
		Tot Cts=679	Rast=70"x70" Step=5" Pitch=+44", Yaw=-49"
		Exp #=99690	

Event # = 12503			SMM Pointing:		N19W60		Pitch=-291" , Yaw=-800" , Roll=0deg		H. Ang=61deg	
89/11/14	11:44	DOY=318	Peak	End times						
GOES	11:33	11:44	11:54	11:54	Importance=C8	Qual=02				
HXRBS*	11:34:12	11:35:15	11:35:41		Peak...c/s=57	Qual=01	Tot Cts=1084			
UVSP	10:00				Wavelength=1375A	Code=00	Exp #=99690	Step=5"	Pitch=+44"	Yaw=-49"
Event # = 12504			SMM Pointing:		N19W60		Pitch=-291" , Yaw=-800" , Roll=0deg		H. Ang=61deg	
89/11/14	11:56	DOY=318	Peak	End times						
GOES	11:56:03	11:56:24	11:57:00		Peak...c/s=64	Qual=01	Tot Cts=657			
HXRBS*	10:00				Wavelength=1375A		Exp #=99690	Step=5"	Pitch=+44"	Yaw=-49"
UVSP	10:00									
Event # = 12505			SMM Pointing:		N19W62		Pitch=-290" , Yaw=-812" , Roll=0deg		H. Ang=63deg	
89/11/14	14:36	DOY=318	Peak	End times						
Optical										
GOES	14:33	14:36	14:40		Ha...Class=SF	N11W19	AR5786	Mac.=FAI	Carr. Lon.=254deg	H. Ang=21deg
HXRBS*	14:33:31	14:34:14	14:35:50		Importance=C4	Qual=01				
UVSP	15:11				Peak...c/s=292	Qual=01	Tot Cts=7761			
					Wavelength=2788A		Exp #=99695	Step=0"	Pitch=-160"	Yaw=-633"
					Radio Frequency(MHz)/Flux(sfu):					
Event # = 12506			SMM Pointing:		N19W66		Pitch=-297" , Yaw=-841" , Roll=0deg		H. Ang=67deg	
89/11/14	22:17	DOY=318	Peak	End times						
Optical										
GOES	21:38	22:17	23:06		Ha...Class=SN	N18W61	AR5783	Mac.=FKI	Carr. Lon.=291deg	H. Ang=62deg
HXRBS*	22:09:08	22:11:32	22:12:41		Importance=M1	Qual=04	Tot Cts=3020			
UVSP					Peak...c/s=77	Qual=03	Exp #=99695	Flags=EG	Pitch=+187"	Yaw=-848"
Event # = 12507			SMM Pointing:		N03W00		Pitch=-0" , Yaw=-4" , Roll=0deg		H. Ang=0deg	
89/11/15	01:20	DOY=319	Peak	End times						
Optical										
GOES	01:12	01:20	01:27		Ha...Class=SF	N19W67	AR5783	Mac.=FKI	Carr. Lon.=296deg	H. Ang=67deg
HXRBS*	01:12:07	01:12:46	01:16:21		Importance=C5	Qual=01	Tot Cts=6607			
UVSP					Peak...c/s=165	Qual=01	Exp #=99712		Pitch=+185"	Yaw=-698"
Event # = 12508			SMM Pointing:		N03W00		Pitch=-1" , Yaw=-3" , Roll=10deg		H. Ang=0deg	
89/11/15	04:00	DOY=319	Peak	End times						
Optical										
GOES	03:55	04:00	04:04		Ha...Class=SF	S27E29	AR5788	Mac.=FKI	Carr. Lon.=198deg	H. Ang=41deg
HXRBS*	03:57:24	03:57:50	04:00:24		Importance=C5	Qual=04	Tot Cts=1467			
UVSP	04:02				Peak...c/s=67	Qual=02	Exp #=99712	Flags=SN	Step=5"	Pitch=-293"
					Wavelength=1375A	Code=02				Yaw=-850"
Event # = 12509			SMM Pointing:		N19W70		Pitch=-307" , Yaw=-860" , Roll=0deg		H. Ang=70deg	
89/11/15	04:10	DOY=319	Peak	End times						
Optical										
GOES	04:10:11	04:10:41	04:12:39		Peak...c/s=91	Qual=01	Tot Cts=3757			
HXRBS*	04:06				Wavelength=1375A		Exp #=99713	Step=5"	Pitch=-286"	Yaw=-897"
UVSP	04:06									

Event # = 12510 89/11/15, 05:40 Start	DOY=319 Peak	End times	SMM Pointing:	N19W70	Pitch=-307", Yaw=-860", Roll=0deg	H. Ang=70deg
Optical	Ha...Class=SF			N19W66	Mac.=FKI	H. Ang=66deg
GOES	Importance=M2	06:51		Qual=04	Carr. Lon.=292deg	
HXRBS*	Peak...c/s=181	05:27:24 05:34:48 05:55:38		Qual=11	Flags=IS	
UVSP	Wavelength=I375A			Code=00	Step=5" Pitch=-287", Yaw=-901"	
	Exp #=99714			Tot Cts=60213		
Event # = 12511 89/11/15, 06:59 Start	DOY=319 Peak	End times	SMM Pointing:	N19W71	Pitch=-301", Yaw=-870", Roll=0deg	H. Ang=71deg
Optical	Ha...Class=3B			N11W26	Mac.=FKI	H. Ang=27deg
GOES	Importance=X3	08:21		Qual=03	Carr. Lon.=252deg	
HXRBS*	Peak...c/s=23000	06:57:06 06:58:01 07:50:37		Qual=14	Flags=SN,EN,IS	
UVSP	Wavelength=I375A			Code=02	Step=5" Pitch=-287", Yaw=-905"	
Radio Sweeps	Type/Intensity:			II/3 III/3 IV/3 V/3		
Radio Frequency(MHz)/Flux(sfu):	245/1.2E5 410/1.2E5 606/3600 1415/1200 2695/1900 4995/1800 8800/2900 15400/3800					
Event # = 12661 89/11/15, 10:36 Start	DOY=319 Peak	End times	SMM Pointing:	N03W00	Pitch=+4", Yaw=+2", Roll=169deg	H. Ang=0deg
Optical	Ha...Class=SF			N17W65	Mac.=FKI	H. Ang=65deg
GOES	Peak...c/s=157			Qual=03	Flags=I	
HXRBS*	Wavelength=I375A	10:36:16 10:36:52 10:38:20		Qual=01	Step=5" Pitch=+14", Yaw=-34"	
UVSP				Tot Cts=3120		
	Exp #=99717			Exp #=99717		
Event # = 12512 89/11/15, 16:45 Start	DOY=319 Peak	End times	SMM Pointing:	N13W32	Pitch=-180", Yaw=-508", Roll=0deg	H. Ang=34deg
Optical	Ha...Class=SF			N19W67	Mac.=FKI	H. Ang=67deg
GOES	Peak...c/s=46			Qual=00	MaxkeV=62	
HXRBS*	Wavelength=2788A	16:44:49 16:45:21 16:45:27		Qual=01	Rast=180"x1" Step=0" Pitch=-46", Yaw=-328"	
UVSP				Tot Cts=165		
	Exp #=99724			Exp #=99724		
Event # = 12513 89/11/15, 19:34 Start	DOY=319 Peak	End times	SMM Pointing:	N13W34	Pitch=-181", Yaw=-531", Roll=0deg	H. Ang=35deg
GOES	Ha...Class=SF			Qual=00	Flags=EN, DG	
HXRBS*	Peak...c/s=52700	19:17:36 19:34:04 19:51:56		Qual=13	Step=0" Pitch=-47", Yaw=-352"	
GRS		19:33:00		Tot Cts=7.35E+6	Dur=660sec	
UVSP	Wavelength=2788A	19:46		Exp #=99728		
				Exp #=99728		
Event # = 12514 89/11/15, 19:39 Start	DOY=319 Peak	End times	SMM Pointing:	N13W35	Pitch=-181", Yaw=-542", Roll=0deg	H. Ang=36deg
Optical	Ha...Class=2B			N16W27	Mac.=FKI	H. Ang=30deg
GOES	Importance=X2	19:39 20:20		Qual=05	Carr. Lon.=246deg	
HXRBS*	Peak...c/s=79	20:32:12 20:36:36 20:56:32		Qual=01	Flags=M5, MD	
UVSP	Wavelength=2788A	19:46		Code=02	Step=0" Pitch=-47", Yaw=-352"	
Radio Frequency(MHz)/Flux(sfu):	2695/130			Exp #=99728		







89/11/18 DOY=322											
Event # = 12526											
89/11/18, 01:51	DOY=322										
Start	Peak										
Optical											
GOES	01:22	01:51	01:57	Ha...Class=SF		N12W66	AR5786	Carr. Lon.=255deg		H. Ang=66deg	
HXRBS*	01:46:45	01:47:35	01:48:01	Importance=C5		Qual=04					
Radio	Frequency(MHz)/Flux(sfu): 4995/47										
				Peak...c/s=699		Qual=01	Tot Cts=11426	MaxkeV=271			
Event # = 12665											
89/11/18, 07:27	DOY=322										
Start	Peak										
GOES											
HXRBS*	07:26:53	07:27:14	07:27:43	Peak...c/s=49		Qual=00	Tot Cts=275	MaxkeV=62		Flags=I	
Event # = 12527											
89/11/18, 10:50	DOY=322										
Start	Peak										
GOES	10:46	10:50	10:54	Importance=C4		Qual=01					
HXRBS*	10:44:16	10:46:58	10:49:07	Peak...c/s=45		Qual=01	Tot Cts=1266	MaxkeV=114			
Event # = 12528											
89/11/18, 22:05	DOY=322										
Start	Peak										
GOES											
HXRBS*	22:05:02	22:05:08	22:05:30	Peak...c/s=59		Qual=00	Tot Cts=249	MaxkeV=114			
Event # = 12529											
89/11/18, 23:39	DOY=322										
Start	Peak										
Optical											
GOES											
HXRBS*	23:38:55	23:39:26	23:44:03	Ha...Class=SF		S25W21	AR5793	Mac.=DS0		Carr. Lon.=198deg	
Radio Sweeps	Type/Intensity: V/3										
				Peak...c/s=65		Qual=00	Tot Cts=1865	MaxkeV=88			
89/11/19 DOY=323											
Event # = 12567											
89/11/19, 04:36	DOY=323										
Start	Peak										
GOES											
HXRBS*	04:35:29	04:36:43	04:38:00	Peak...c/s=55		Qual=00	Tot Cts=896	MaxkeV=88		Flags=I	
Event # = 12668											
89/11/19, 04:44	DOY=323										
Start	Peak										
GOES											
HXRBS*	04:43:46	04:44:41	04:44:57	Peak...c/s=51		Qual=00	Tot Cts=376	MaxkeV=88		Flags=I	
Radio Sweeps	Type/Intensity: III/3										

Event # = 12669		DOY=323		End times					
89/11/19,06:26	Start	Peak							
Optical			AR5793	Mac. =EAI	Carr. Lon. =198deg	H. Ang=36deg			
GOES	06:17	06:26	S24W25						
			Qual=03						
HXRBS*	06:17:40	06:21:40	Qual=01	Tot Cts=8.08E+5	MaxkeV=461	Flags=M5, I			Dur=60sec
GRS	06:21:00	06:22:00			>10MeV=Y				
Radio Sweeps	Type/Intensity:								
Radio	Frequency(MHz)/Flux(sfu):	410/170	606/110	1415/180	2695/370	4995/720	8800/1800	15400/2200	
Event # = 12533		DOY=323		End times					
89/11/19,08:55	Start	Peak							
GOES			Qual=00						
HXRBS*	08:54:47	08:55:01	Qual=01	Tot Cts=979	MaxkeV=88				
Event # = 12534		DOY=323		End times					
89/11/19,09:05	Start	Peak							
Optical			AR5793	Mac. =EAI	Carr. Lon. =204deg	H. Ang=41deg			
GOES			S25W32						
			Qual=00						
HXRBS*	09:05:10	09:05:30	Qual=01	Tot Cts=693	MaxkeV=88				
Event # = 12530		DOY=323		End times					
89/11/19,10:43	Start	Peak							
GOES			Qual=00						
HXRBS*	10:43:08	10:43:26	Qual=01	Tot Cts=902	MaxkeV=88				
Event # = 12531		DOY=323		End times					
89/11/19,10:50	Start	Peak							
GOES			Qual=00						
HXRBS*	10:48:49	10:50:58	Qual=01	Tot Cts=2456	MaxkeV=88				
Event # = 12532		DOY=323		End times					
89/11/19,11:34	Start	Peak							
Optical			AR5793	Mac. =EAI	Carr. Lon. =197deg	H. Ang=37deg			
GOES	11:26	11:34	S24W27						
			Qual=01						
HXRBS*	11:30:06	11:30:22	Qual=04	Tot Cts=20575	MaxkeV=218	Flags=SN, EG			
Radio Sweeps	Type/Intensity:								
Radio	Frequency(MHz)/Flux(sfu):	410/170	606/110	1415/180	2695/370	4995/720	8800/1800	15400/2200	
Event # = 12535		DOY=323		End times					
89/11/19,21:12	Start	Peak							
GOES			Qual=00						
HXRBS*	21:12:07	21:12:29	Qual=01	Tot Cts=138	MaxkeV=62				
Event # = 12536		DOY=323		End times					
89/11/19,21:18	Start	Peak							
GOES			Qual=00						
HXRBS*	21:17:38	21:18:06	Qual=01	Tot Cts=303	MaxkeV=62				
Radio Sweeps	Type/Intensity:								

Event # = 12537									
89/11/19, 22:36	DOY=323	Peak	End times						
GOES									
HXRBS* 22:36:18	22:36:25	22:36:44	Peak...c/s=50	Qual=00	Tot Cts=136	MaxkeV=62			
Event # = 12538									
89/11/19, 23:33	DOY=323	Peak	End times						
GOES									
HXRBS* 23:31:48	23:33:15	23:33:37	Peak...c/s=54	Qual=00	Tot Cts=564	MaxkeV=88			
Event # = 12670									
89/11/20, 02:36	DOY=324	Peak	End times						
GOES									
HXRBS* 02:34:12	02:34:29	02:35:19	Importance=C3 Peak...c/s=73	Qual=04	Tot Cts=696	MaxkeV=62	Flags=I		
Event # = 12671									
89/11/20, 02:44	DOY=324	Peak	End times						
GOES									
HXRBS* 02:44:27	02:44:36	02:44:53	Peak...c/s=58	Qual=00	Tot Cts=118	MaxkeV=62	Flags=I		
Event # = 12539									
89/11/20, 05:34	DOY=324	Peak	End times						
GOES									
HXRBS* 05:27:40	05:31:01	05:44:39	Importance=C4 Peak...c/s=599	Qual=03	Tot Cts=1.03E+5	MaxkeV=140	Flags=SN, IS		
Radio	Frequency(MHz)/Flux(stu):	4995/66	8800/86	15400/48					
Event # = 12540									
89/11/20, 06:08	DOY=324	Peak	End times						
GOES									
HXRBS* 06:08:34	06:08:54	06:09:03	Peak...c/s=58	Qual=00	Tot Cts=251	MaxkeV=62			
Event # = 12541									
89/11/20, 20:36	DOY=324	Peak	End times						
GOES									
HXRBS* 20:32:51	20:33:53	20:35:11	Importance=C6 Peak...c/s=357	Qual=03	Tot Cts=11400	MaxkeV=114			
Event # = 12542									
89/11/21, 22:04	DOY=325	Peak	End times						
GOES									
HXRBS* 22:03:42	22:04:01	22:05:16	Peak...c/s=62	Qual=00	Tot Cts=561	MaxkeV=88			
Radio	Sweeps	Type/Intensity:	III/2						
Radio	Frequency(MHz)/Flux(stu):	1415/1300							

Event # = 12543

89/11/21, 23:48 DOY=325

Start Peak End times

GOES

HXRBS\* 23:47:51 23:48:03 23:48:39 Peak...c/s=48

Radio Sweeps Type/Intensity: III/2

Radio Frequency(MHz)/Flux(sfu): 606/51

Qual=00

Qual=01

Tot Cts=234

Maxkel=62

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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 1989 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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