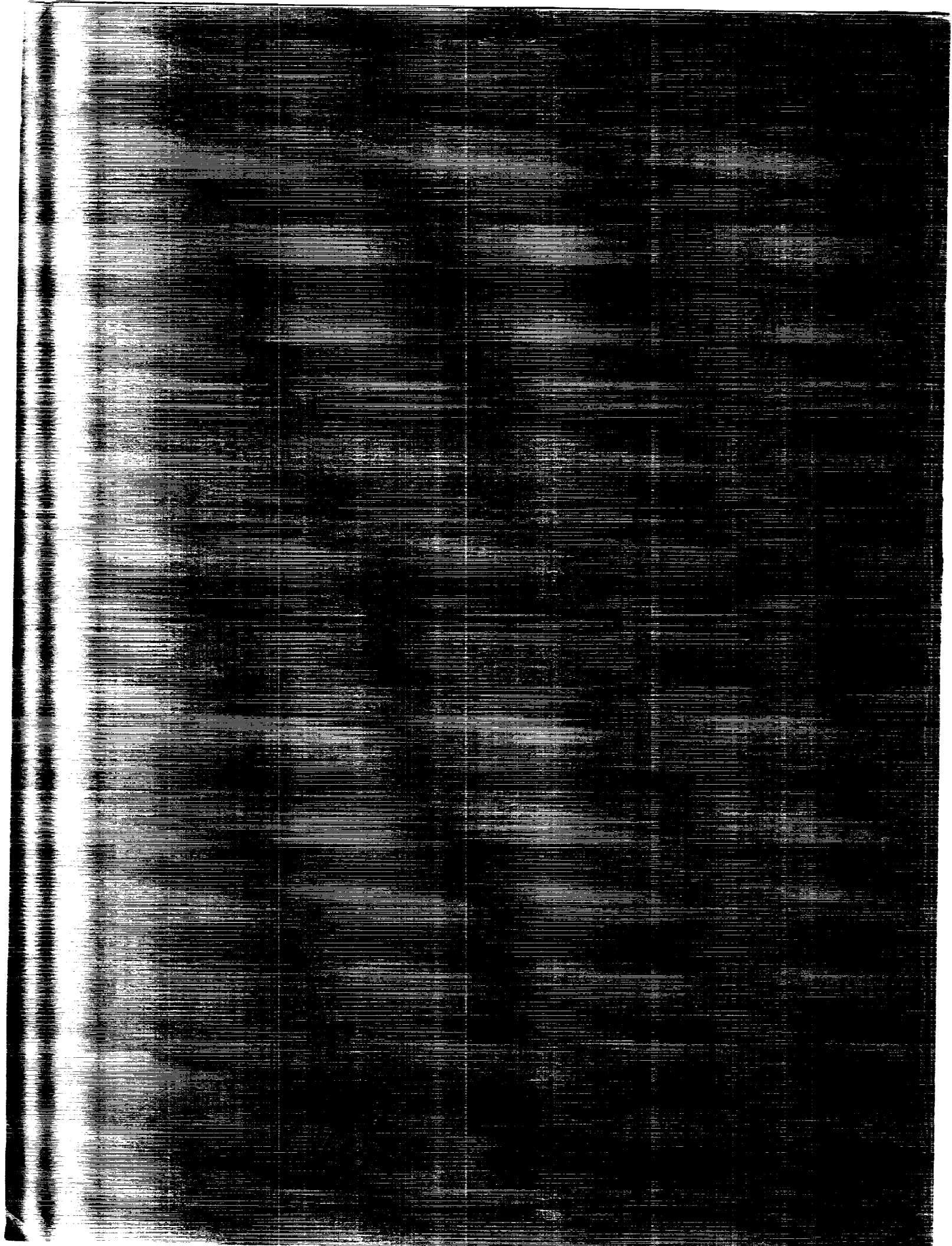


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The 1989 Solar Maximum Mission Event List

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CONTENTS

	Page
Introduction.....	1
Instrument Descriptions.....	5
Gamma Ray Spectrometer (GRS).....	5
Hard X-Ray Burst Spectrometer (HXRBS).....	7
X-Ray Polychromator (XRP).....	11
Ultraviolet Spectrometer and Polarimeter (UVSP).....	15
Coronagraph/Polarimeter (C/P).....	17
Ground-Based, Radio and GOES X-Ray Data Descriptions.....	19
Event List.....	25



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 -
April 1984 | - Severely limited tape recorder usage due to conservation efforts prior to repair. |
| 8. April 1984 | - Repair mission restores fine pointing control and replaces C/P Main Electronics Box. Observations were not full-time until May due to spacecraft checkout. |
| 9. April 26, 1985 | - UVSP loses commandability of wavelength drive. Remains in UV continuum near 1385A (second order) after this date. |
| 10. January 08-24, 1986 | - On board computer memory failure. |
| 11. January 28-30, 1986
and February 12-28 | - Comet Halley observations. |
| 12. December 7, 1986 | - C/P Tape recorder C fails. |
| 13. April 1, 1987 | - C/P resumes operations at reduced rate using tape recorder A. |
| 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 ≥ 300 keV. Therefore, the times and durations may disagree with other observations by up to 16.384 s.
2. End time - in 300 keV flux, expressed in hour:minute:second.
3. Max.E.MeV - the high-energy end of the channel band used for a power law spectral fit in MeV. The low-energy end of this band is always 300 keV. The high-energy end is determined by a statistical check of the data in 10 channel increments starting from the minimum required band channel 10 to 30. There may be gamma-ray emission above Max.E.
4. >10MeV - 'Y' indicates presence of excess counts in the High Energy Monitor which requires energy losses >10 MeV.

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

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

Hard X-Ray Burst Spectrometer (HXRBS)

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

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

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

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

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

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

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

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

Description of HXRBS entries:

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

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

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

EVENT #	COMMENT
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.

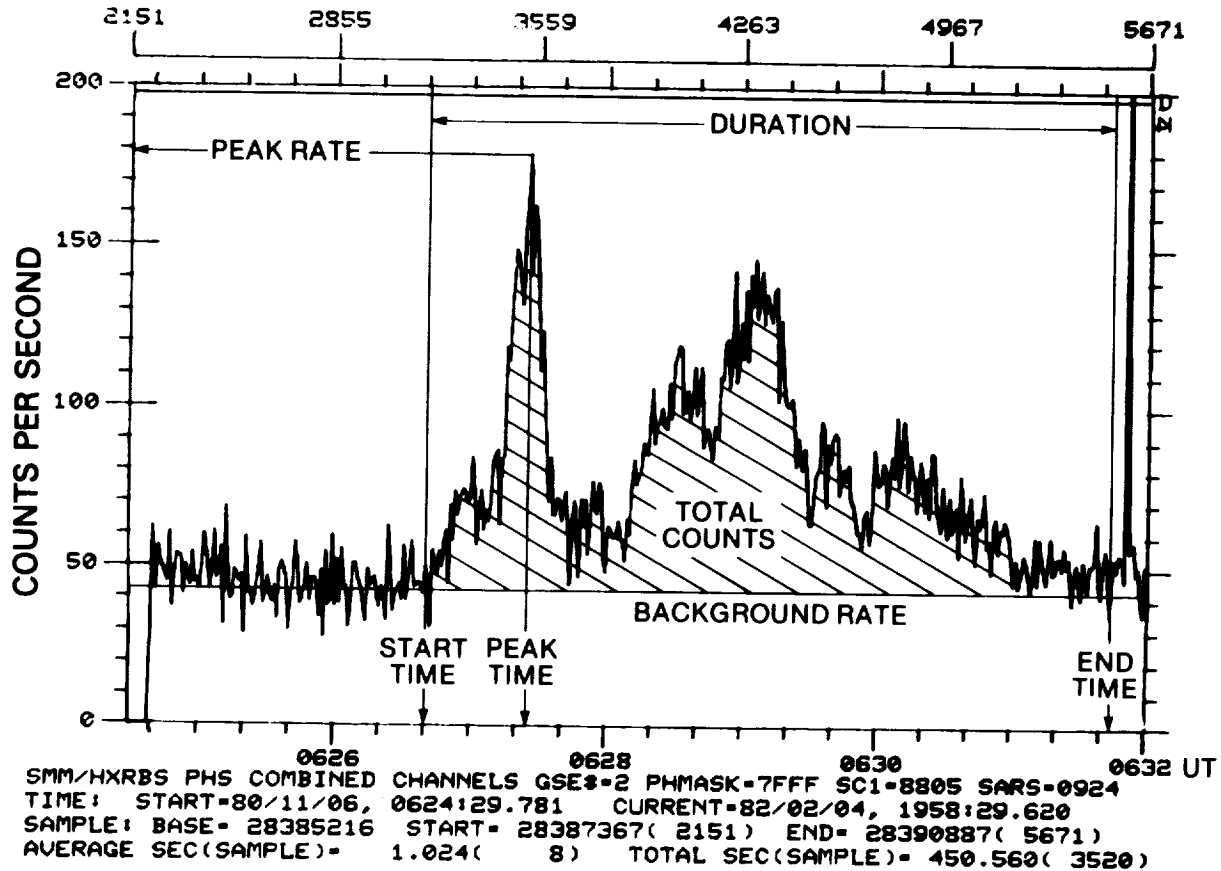


FIGURE 1: A standard plot of a hard X-ray burst (HXRBS event #1544) showing the rate of counts in channels 1 through 15 versus Universal Time. The time resolution is 1.024 s, the time scale is 1 inch per minute, and the counting rate is corrected for instrument dead time. The start time, peak time, end 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 counts s^{-1} and the End Time occurred when the event decayed back to that threshold. (Near threshold or for multiple events, these times are necessarily somewhat arbitrary, and depend on the exact integration time used.) However, some event times were determined by orbital sunrise or sunset, where the flare started before satellite day or was prematurely ended by satellite night. If an event reached its peak during orbital night, or during SAA passage when the XRP detectors did not operate, the maximum level observed during satellite day and the time of that maximum are listed. The peak rate includes all counts recorded in the channel, uncorrected for background or dead time. The peak times and peak rates in the low-resolution Fe XXV channel (BCS Channel 4) are also given,

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

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

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

Description of XRP-BCS Entries:

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

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

Description of XRP-FCS Entries:

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

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

Ultraviolet Spectrometer and Polarimeter (UVSP)

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

Description of UVSP entries:

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

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

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

Coronagraph/Polarimeter (C/P)

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

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

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

Description of C/P entries:

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

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

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

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

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

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

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

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

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

Description of optical entries:

1. $H\alpha$ 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 ≥ 24.8 sq. degrees)and Y is one of the following brightness codes:
 - F - faint
 - N - normal
 - B - brilliant

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

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

Description of discrete frequency radio burst entries:

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

Description of sweep frequency radio event entries:

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

Intensity codes are:

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

Description of GOES entries:

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

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

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



1989 SOLAR MAXIMUM MISSION EVENT LISTING

PAGE 22 INTENTIONALLY BLANK



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
 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
 05:38:44
 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=03
 Qual=01
 Qual=2
 Tot Cts=4323
 FePeak=06:21
 dt= 7.7s XEN=900100
 Cad=1.02s 1.024s/pixel
 Pitch=+349", Yaw=-689"
 Step=0"
 MaxkeV=144
 FePeak.c/s=208
 Rast=0"x0" Step=0"
 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
 07:37:15
 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
 Qual=02
 Qual=01
 Qual=1
 Tot Cts=129
 FePeak=11:02
 dt= 3.8s XEN=900101
 Cad=.26s 0.256s/pixel
 Pitch=+151", Yaw=-596"
 Step=0"
 MaxkeV=102
 FePeak.c/s=19
 Rast=0"x0" Step=0"
 Rast=180"x1" Step=0"

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
 Qual=03
 Qual=01
 Qual=1
 Tot Cts=763
 FePeak=14:08
 dt= 3.8s XEN=900102
 Cad=.26s 0.256s/pixel
 Pitch=+152", Yaw=-612"
 Step=0"
 MaxkeV=187
 FePeak.c/s=22
 Rast=0"x0" Step=0"
 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

Event # = 10051																			
89/01/01,16:37	Start	DOY=1	Peak	End times	SMM Pointing:	S18W55	AR5292	Pitch=+272", Yaw=-766", Roll=0deg	H. Ang=56deg										
Optical								Mac.=EAI	Carr. Lon.=160deg										
GOES	16:30	16:37	16:50	16:50	Ha...Class=SN	S22W62		MaxkeV=102	#Peaks=1	dt= 7.7s	XEN=900103								
HXRBS	16:28:26	16:29:53	16:31:33	16:31:33	Importance=C7	Qual=03		FePeak.c/s=39	Step=0"	Cad=.26s	0.256s/pixel								
BCS	16:24	16:34	17:13	17:13	Peak...c/s=47	Qual=01	Tot Cts=1313	Rast=180"x1"	Step=0"	Pitch=+152", Yaw=-623"									
FCS					CaPeak.c/s=230	Qual= 1	FePeak=16:33												
UVSP	16:18				Wavelength=2788A	Code=01	Exp #=81693												
Event # = 11282																			
89/01/01,18:21	Start	DOY=1	Peak	End times	SMM Pointing:	S18W57	AR5303	Pitch=+274", Yaw=-782", Roll=0deg	H. Ang=58deg										
Optical								Mac.=DAO	Carr. Lon.=113deg										
GOES	18:17	18:21	18:24	18:24	Ha...Class=SF	S19W15		MaxkeV=102	Flags=1										
HXRBS	18:17:29	18:19:27	18:21:37	18:21:37	Importance=C5	Qual=01		FePeak.c/s=49	#Peaks=1	dt= 3.8s	XEN=900104								
BCS	18:18	18:20	18:50	18:50	Peak...c/s=54	Qual=01	Tot Cts=1180	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel								
FCS					CaPeak.c/s=185	Qual= 1	FePeak=18:20												
UVSP	18:49				Wavelength=2788A	Code=01	Exp #=81696												
Event # = 22139																			
89/01/01,19:40	Start	DOY=1	Peak	End times	SMM Pointing:	S19W16	AR5303	Mac.=DAO	Carr. Lon.=113deg	H. Ang=22deg									
Optical								FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=900105								
GOES	19:37	19:40	19:45	19:45	Ha...Class=SF	S19W16		Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel								
BCS	19:38	19:38	19:40	19:40	Importance=C4	Qual=01	FePeak=19:38	Rast=180"x1"											
FCS					CaPeak.c/s=23	Qual= 4	Exp #=81697												
UVSP	19:25				Wavelength=2788A	Code=01	Exp #=81697												
Event # = 22140																			
89/01/01,19:58	Start	DOY=1	Peak	End times	SMM Pointing:	S18W59	AR5292	Mac.=EAI	Carr. Lon.=155deg	H. Ang=60deg									
Optical								FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=900107								
GOES	19:57	19:58	20:00	20:00	Ha...Class=SF	S19W59		Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel								
BCS	19:57	19:58	20:00	20:00	Importance=C4	Qual=02	FePeak=19:57	Rast=180"x1"											
FCS					CaPeak.c/s=40	Qual= 1	Exp #=81698												
UVSP	20:23				Wavelength=2788A	Code=00	Exp #=81698												
Event # = 22141																			
89/01/01,20:31	Start	DOY=1	Peak	End times	SMM Pointing:	S18W59	AR5292	Mac.=EAI	Carr. Lon.=155deg	H. Ang=60deg									
Optical								FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=900107								
GOES	20:21	20:31	20:37	20:37	Ha...Class=SF	S19W59		Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel								
BCS	20:24	20:25	20:27	20:27	Importance=C4	Qual=02	FePeak=20:24	Rast=180"x1"											
FCS					CaPeak.c/s=40	Qual= 1	Exp #=81698												
UVSP	20:23				Wavelength=2788A	Code=00	Exp #=81698												
Event # = 10052																			
89/01/01,23:23	Start	DOY=1	Peak	End times	SMM Pointing:	S18W59	AR5295	Pitch=+275", Yaw=-798", Roll=0deg	H. Ang=60deg										
Optical								Mac.=EAI	Carr. Lon.=185deg	H. Ang=89deg									
GOES	22:47:29	22:47:34	22:48:08	22:48:08	Code=EPL	S14W90		MaxkeV=102	#Peaks=2	dt= 7.7s	XEN=900109								
HXRBS	22:47	23:23	23:33	23:33	Peak...c/s=45	Qual=00	Tot Cts=104	FePeak.c/s=14	Step=0"	Cad=.26s	0.256s/pixel								
BCS	22:47	23:23	23:33	23:33	CaPeak.c/s=83	Qual= 1	FePeak=23:21	Rast=180"x1"											
FCS					Wavelength=2788A	Code=00	Exp #=81702												
UVSP	23:31																		

BCS 22:40 22:40 22:43 22:40 22:40 22:43 22:40 22:40 22:43 22:40 22:40 22:43
 FCS
 UVSP 22:32
 Associated Event # = 22142
 Qual = 5. FePeak=22.40
 FePeak.c/s=6 #Peaks=1 dt= 7.7s XEN=900108
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
 Rast=180"x1" Step=0" Pitch=+154", Yaw=-653"

Wavelength=2788A Exp #=81701
 89/01/02 DOY=2.
 Event # = 22143
 89/01/02,03:51 DOY=2
 Start Peak
 Optical
 GOES 03:44 03:51 03:56 03:51 03:56 03:51 03:56 03:51
 BCS 03:49 03:51 03:53 03:51 03:53 03:51 03:53 03:51
 FCS
 UVSP 03:49
 Ha...Class=SF N20W74 Carr. Lon.=166deg H. Ang=76deg
 Importance=C3 Qual=01
 CaPeak.c/s=24 Qual=1 FePeak=03:49
 Wavelength=1375A Code=00 Exp #=81727
 Mac.=EAI
 FePeak.c/s=12 #Peaks=1 dt= 7.7s XEN=900200
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
 Rast=10"x10" Step=0" Pitch=+307", Yaw=-849"

Event # = 10053
 89/01/02,07:08 DOY=2
 Start Peak
 SMM Pointing: S18W63 H. Ang=64deg
 GOES 07:08:24 07:08:27 07:08:49 07:08:27 07:08:49 07:08:27 07:08:49
 HXRBS 06:58
 UVSP
 Peak...c/s=43 Tot Cts=79 Step=0" Pitch=+303", Yaw=-867"
 Wavelength=1375A Exp #=81743
 MaxKeyV=144
 Rast=10"x10"

Event # = 10054
 89/01/02,07:14 DOY=2
 Start Peak
 SMM Pointing: S18W63 H. Ang=64deg
 GOES 07:10 07:14 07:20 07:10 07:14 07:20 07:10
 HXRBS 07:10:38 07:10:45 07:11:03 07:10:38 07:11:03 07:10:38 07:11:03
 BCS 07:11 07:12 07:15 07:11 07:12 07:15 07:11
 FCS
 UVSP 07:11
 dt= 7.7s XEN=900201
 Cad=1.02s 1.024s/pixel
 Pitch=+313", Yaw=-858"

Event # = 22144
 89/01/02,08:24 DOY=2
 Start Peak
 Optical
 GOES 08:16 08:24 08:32 08:16 08:24 08:32 08:16
 BCS 08:26 08:26 08:48 08:26 08:26 08:48 08:26
 FCS
 UVSP 08:22
 Carr. Lon.=162deg H. Ang=72deg
 #Peaks=1 dt= 3.8s XEN=900202
 Step=0" Cad=3840s 3840s/pixel
 Step=5" Pitch=-835", Yaw=-284"

Event # = 22145
 89/01/02,11:45 DOY=2
 Start Peak
 Optical
 GOES 11:43 11:45 11:52 11:43 11:45 11:52 11:43
 BCS 11:43 11:45 11:52 11:43 11:45 11:52 11:43
 FCS
 UVSP 11:56
 FePeak.c/s=17 #Peaks=1 dt= 7.7s XEN=900203
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
 Rast=180"x1" Step=0" Pitch=+160", Yaw=-706"

Event # = 22146
 89/01/02,13:19 DOY=2
 Start Peak
 Optical
 GOES 13:19 13:19 13:23 13:19 13:19 13:23 13:19
 BCS 13:19 13:19 13:23 13:19 13:19 13:23 13:19
 FCS
 UVSP 13:31
 FePeak.c/s=11 #Peaks=1 dt= 7.7s XEN=900204
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
 Rast=180"x1" Step=0" Pitch=+161", Yaw=-712"

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
 FePeak=16:04
 Wavelength=1375A Code=01 Exp #=81761
 dt= 7.7s XEN=900205
 Rast=0"x0" Cad=1.02s 1.024s/pixel
 Step=0" Pitch=+289", Yaw=-891"
 #Peaks=1
 Step=5"

Event # = 22148
 89/01/02, 17:22 DOY=2
 Start Peak
 Optical
 GOES 17:12 17:22 17:30 End times
 BCS 17:21 17:23 17:30
 FCS
 UVSP 17:24
 Radio Sweeps
 Carr. Lon.=152deg H.Ang=67deg
 Mac.=EAI
 #Peaks=1 dt= 3.8s XEN=900206
 Step=0" Cad=.26s 0.256s/pixel
 Step=5" Pitch=+290", Yaw=-896"
 FePeak.c/s=27
 Rast=0"x0" Step=5"
 Rast=265"x265" Exp #=81763

Event # = 10055
 89/01/02, 19:10 DOY=2
 Start Peak
 Optical
 GOES 18:48 19:10 22:09 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" Exp #=81765
 Rast=265"x265" 15400/160
 Pitch=+283", Yaw=-873", Roll=0deg H.Ang=70deg
 Mac.=EAI Carr. Lon.=123deg H.Ang=46deg
 MaxkeV=320
 FePeak.c/s=8
 Rast=0"x0" dt= 7.7s XEN=900207
 Step=0" 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 03:50 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
 Pitch=+287", Yaw=-897", Roll=0deg H.Ang=74deg
 Mac.=DAI Carr. Lon.=117deg H.Ang=39deg
 MaxkeV=144
 Rast=180"x1" Step=0" Pitch=+167", Yaw=-751"

Event # = 10057
 89/01/03, 06:35 DOY=3
 Start Peak
 GOES 06:30 06:35 06:47 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
 Tot Cts=117 FePeak=06:36
 Exp #=81800
 Pitch=+287", Yaw=-897", Roll=0deg H.Ang=74deg
 MaxkeV=102
 FePeak.c/s=8
 Rast=0"x0" dt= 7.7s XEN=900300
 Step=0" 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 08:10 End times
 BCS 07:48 07:49 08:02
 FCS
 UVSP 07:43
 Importance=C4 Qual=01
 CaPeak.c/s=85 Qual= 5
 Wavelength=2788A Code=00 Exp #=81801
 FePeak=07:48
 dt= 3.8s XEN=900301
 Step=0" Cad=.26s 0.256s/pixel
 Step=3" Pitch=+297", Yaw=-931"

Event # = 10058
 89/01/03, 09:28 DOY=3 Peak
 Start 09:28
 End times 09:40
 GOES 09:25 Peak
 HXRBS 09:26:27 09:26:54
 UVSP 09:48
 SMM Pointing: S18W77
 Importance=C4
 Peak...c/s=67
 Wavelength=2788A
 Pitch=+290", Yaw=-907", Roll=0deg H. Ang=77deg
 MaxkeV=102
 Rast=180"x1" Step=0" Pitch=+170", Yaw=-763"

Event # = 22151
 89/01/03, 11:00 DOY=3
 Start 11:00
 End times 11:18
 GOES 10:53 Peak
 BCS 11:04 11:05
 FCS
 UVSP 11:22
 SMM Pointing: S18W77
 Importance=C9
 CaPeak.c/s=258
 Wavelength=2788A
 FePeak.c/s=30 dt= 3.8s XEN=900302
 Rast=180"x1" Step=0" Cad=.26s 0.256s/pixel
 Step=0" Pitch=+171", Yaw=-765"

Event # = 10059
 89/01/03, 11:29 DOY=3
 Start 11:29
 End times 11:43
 Optical 11:23
 GOES 11:25:09 11:25:32
 HXRBS 11:25:09 11:25:42
 UVSP 11:22
 SMM Pointing: S18W77
 Ha...Class=SF
 Importance=C7
 Peak...c/s=106
 Wavelength=2788A
 Code=00
 Carr. Lon.=110deg H. Ang=37deg
 Mac.=DAI AR5303
 Tot Cts=658
 Exp #=81804
 Step=0" Pitch=+171", Yaw=-765"

Event # = 10061
 89/01/03, 13:50 DOY=3
 Start 13:32
 End times 14:48
 Optical 13:32 13:50
 GOES 13:43:35 13:45:16
 HXRBS 13:43:35 13:45:55
 UVSP 13:31
 SMM Pointing: S03W00
 Ha...Class=SF
 Importance=M1
 Peak...c/s=51
 Wavelength=2788A
 Code=01
 Associated
 Qual=01
 Carr. Lon.=127deg H. Ang=53deg
 Mac.=EAI AR5297
 Tot Cts=652
 Exp #=81807
 Step=0" Pitch=+3", Yaw=+24"

Event # = 10062
 89/01/03, 17:38 DOY=3
 Start 17:33
 End times 17:53
 Optical 17:33 17:38
 GOES 17:34:13 17:34:50
 HXRBS 17:34:13 17:37:07
 UVSP 17:36
 Radio Frequency(MHz)/Flux(sfu): 8800/62
 SMM Pointing: S03W00
 Ha...Class=SF
 Importance=M2
 Peak...c/s=633
 Wavelength=2788A
 Code=00
 Carr. Lon.=5deg H. Ang=71deg
 Mac.=HAX AR5307
 Tot Cts=23000
 Exp #=81812
 Step=0" Pitch=+3", Yaw=+24"

Event # = 10063
 89/01/03, 18:23 DOY=3
 Start 18:23:13
 End times 18:23:28
 Optical 18:23:13
 GOES 18:23:13 18:23:28
 HXRBS 18:23:13 18:23:31
 UVSP 18:11
 SMM Pointing: S18W82
 Ha...Class=SF
 Peak...c/s=58
 Wavelength=2788A
 Carr. Lon.=117deg H. Ang=47deg
 Mac.=DAI AR5303
 Tot Cts=108
 Exp #=81813
 Step=0" Pitch=+174", Yaw=-774"

Event # = 22152		DOY=3		End times		Qual=00			
89/01/03,20:33	Start	20:33	Peak	20:48	20:32	1	FePeak=20:32	FePeak.c/s=11	#Peaks=1
GOES								Rast=0"x0"	dt= 3.8s
BCS								Rast=180"x1"	Cad=.26s
FCS									Pitch=+175",Yaw=-776"
UVSP									
Event # = 10064		DOY=3		End times		S18W84		H.Ang=83deg	
89/01/03,21:56	Start	21:56	Peak	22:02				Pitch=+296",Yaw=-924",Roll=0deg	
GOES									
HXRBS								MaxkeV=102	
UVSP								Rast=180"x1"	Step=0"
Event # = 10065		DOY=4		End times		S18W84		H.Ang=83deg	
89/01/04,00:54	Start	00:54	Peak	01:02				Pitch=+296",Yaw=-924",Roll=0deg	
Optical								Mac.=DAO	Carr.Lon.=4deg
GOES									
HXRBS								MaxkeV=102	H.Ang=68deg
UVSP								Rast=265"x265"	Step=5"
Radio Sweeps									Pitch=+305",Yaw=-914"
Event # = 10066		DOY=4		End times		AR5292			
89/01/04,04:08	Start	04:08	Peak	04:09:17					
GOES									
HXRBS								MaxkeV=144	
UVSP								Rast=130"x130"	Step=5"
Event # = 22153		DOY=4		End times		Qual=00			
89/01/04,08:49	Start	08:49	Peak	09:17	08:49	5	FePeak=08:49	FePeak.c/s=12	#Peaks=1
GOES								Rast=0"x0"	dt= 7.7s
BCS								Rast=110"x200"	Cad=1.02s
FCS									Pitch=+230",Yaw=-943"
UVSP									
Event # = 22154		DOY=4		End times		Qual=03			
89/01/04,12:12	Start	12:11	Peak	12:25	12:08	1	FePeak=12:08	FePeak.c/s=13	#Peaks=1
GOES								Rast=0"x0"	dt= 3.8s
BCS								Rast=180"x1"	Cad=.26s
FCS									Pitch=+180",Yaw=-743"
UVSP									
Event # = 10067		DOY=4		End times		S18W88		H.Ang=87deg	
89/01/04,14:56	Start	14:56	Peak	15:35				Pitch=+301",Yaw=-929",Roll=0deg	
GOES									
HXRBS								MaxkeV=102	Flags=EN
BCS								FePeak.c/s=25	#Peaks=1
FCS								Rast=0"x0"	Step=0"
UVSP									Cad=3840s

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		
HXRBS 16:54:34	16:57:12		Tot Cts=3183		
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		Qual=11	Tot Cts=1.12E+5	
Radio	Frequency(MHz)/Flux(stu):		606/78	1415/82	2695/300
			410/130	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		
GOES 20:52	20:57	Peak...c/s=60	Qual=01	MaxkeV=102	
HXRBS 20:52:01	20:52:38		Tot Cts=1166		
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		
GOES 02:21	02:26	Peak...c/s=42	Qual=01	MaxkeV=102	
HXRBS 02:23:44	02:23:55		Tot Cts=107	Rast=180"x1"	Step=0" Pitch=+3", Yaw=+30"
UVSP 02:57	02:57	Wavelength=2788A	Exp #=81868		
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		
GOES 04:43:06	04:48:58	Wavelength=2788A	Qual=01	MaxkeV=320	Flags=AX
HXRBS 04:48	04:52:37		Tot Cts=7724	Rast=243"x243"	Step=3" Pitch=-969", Yaw=+13"
UVSP 04:48	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" Pitch=+281", Yaw=-810"
HXRBS 06:34:46	06:35:07		Tot Cts=718		
UVSP 06:27	06:27	Wavelength=2788A	Code=00	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=01		
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			
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
 Start Peak
 06:18 06:31
 06:28 06:28
 06:09
 SMM Pointing: S19W78
 Importance=B7
 CaPeak.c/s=19
 Wavelength=2788A
 Exp #=61921
 FePeak=06:29
 Qual=01
 Qual=4
 #Peaks=1
 dt= 7.7s
 XEN=802600
 Step=0
 Cad=1.02s
 1.024s/pixel
 Pitch=+297",Yaw=-903",Roll=0deg
 H.Ang=77deg
 Rast=180"x1"
 Pitch=+182",Yaw=-727"

Event # = 21458
 88/01/26,07:19 DOY=26
 Start Peak
 07:07 07:19
 07:12 07:15
 07:13
 SMM Pointing: S19W81
 Importance=B7
 CaPeak.c/s=20
 Wavelength=2788A
 Code=00
 Exp #=61922
 FePeak=07:13
 Qual=02
 Qual=4
 #Peaks=1
 dt= 7.7s
 XEN=802601
 Step=0
 Cad=1.02s
 1.024s/pixel
 Pitch=+303",Yaw=-913",Roll=0deg
 H.Ang=80deg
 Rast=180"x1"
 Pitch=+182",Yaw=-729"

Event # = 8714
 88/01/26,11:03 DOY=26
 Start Peak
 10:55 11:03
 10:58:21 11:01:24
 10:59 11:17
 10:51
 SMM Pointing: S19W81
 Ha...Class=1F
 Importance=C6
 Peak...c/s=57
 CaPeak.c/s=257
 Wavelength=2788A
 Code=01
 Exp #=61927
 FePeak=11:13
 Qual=03
 Qual=01
 Qual=1
 Tot Cts=4050
 FePeak=11:13
 Carr. Lon.=13deg
 H.Ang=88deg
 MaxkeV=70
 #Peaks=2
 dt= 3.8s
 XEN=802602
 Step=5
 Cad=25.6s
 1.024s/pixel
 Rast=180"x1"
 Pitch=+185",Yaw=-732"

88/01/27 DOY=27

Event # = 8715
 88/01/27,12:58 DOY=27
 Start Peak
 12:52 12:58
 12:53:27 12:53:47
 13:24
 SMM Pointing: C1
 Importance=C1
 Peak...c/s=236
 Wavelength=2788A
 Exp #=61967
 FePeak=1427
 Qual=01
 Tot Cts=1427
 Exp #=61967
 MaxkeV=129
 Rast=420"x241"
 Pitch=7",Yaw=+56"

Event # = 21459
 88/01/27,20:25 DOY=27
 Start Peak
 20:21 20:25
 20:19 20:24
 20:00
 SMM Pointing: N19W59
 Ha...Class=S8
 Importance=C4
 CaPeak.c/s=163
 Wavelength=2788A
 Code=00
 Exp #=61975
 FePeak=20:24
 Qual=01
 Qual=1
 FePeak=20:24
 Exp #=61975
 Carr. Lon.=325deg
 H.Ang=63deg
 #Peaks=2
 dt= 7.7s
 XEN=802700
 Step=0
 Cad=1.02s
 1.024s/pixel
 Pitch=-396",Yaw=-791"
 H.Ang=65deg
 Rast=63"x63"
 Pitch=3"

Event # = 8716
 88/01/27,20:29 DOY=27
 Start Peak
 20:28 20:29
 20:28:13 20:28:38
 20:00
 SMM Pointing: N19W59
 Importance=C3
 Peak...c/s=61
 Wavelength=2788A
 Code=00
 Exp #=61975
 FePeak=288
 Qual=01
 Qual=01
 Tot Cts=288
 Exp #=61975
 Carr. Lon.=325deg
 H.Ang=63deg
 #Peaks=2
 dt= 7.7s
 XEN=802700
 Step=0
 Cad=1.02s
 1.024s/pixel
 Pitch=-396",Yaw=-791"
 H.Ang=63deg
 Rast=63"x63"
 Pitch=3"

Event # = 8718	DOY=27	Peak	End times	SMM Pointing:	N20W62		Pitch=-367", Yaw=-813", Roll=0deg	H. Ang=66deg
88/01/27, 23:06								
Optical								
GOES	23:06	23:18		Ha...Class=SN	N20W61	AR4934	Mac.=CRO	H. Ang=65deg
HXRBS	23:04:35	23:05:00		Importance=C4	Qual=05			
BCS	23:06	23:14		Peak...c/s=70	Qual=01	Tot Cts=312		
FCS				CaPeak.c/s=218	Qual= 5	FePeak=23:06		
UVSP	23:06			Wavelength=1375A	Code=02	Exp #=61977		
Event # = 8717	DOY=27	Peak	End times	SMM Pointing:	N20W62		Pitch=-367", Yaw=-813", Roll=0deg	H. Ang=66deg
88/01/27, 23:29								
GOES	23:29	23:48		Importance=C3	Qual=01			
HXRBS	23:26:58	23:27:29		Peak...c/s=166	Qual=01	Tot Cts=2287		
BCS	23:28	23:46		CaPeak.c/s=83	Qual= 1	FePeak=23:28		
FCS								
UVSP	23:26			Wavelength=1375A	Code=00	Exp #=61980		
Event # = 21460	DOY=28	Peak	End times	SMM Pointing:	N19W63		Pitch=-362", Yaw=-823", Roll=0deg	H. Ang=67deg
88/01/28, 02:31								
Optical								
GOES	02:18	02:34		Ha...Class=SF	N16W62	AR4934	Mac.=DSI	H. Ang=65deg
BCS	02:20	02:25		Importance=C2	Qual=01			
FCS				CaPeak.c/s=34	Qual= 5	FePeak=02:20		
UVSP	02:06			Wavelength=2788A		Exp #=61991		
Event # = 21461	DOY=28	Peak	End times	SMM Pointing:	N19W63		Pitch=-362", Yaw=-823", Roll=0deg	H. Ang=67deg
88/01/28, 03:56								
GOES	03:50	04:05		Importance=B9	Qual=01			
BCS	03:55	03:57		CaPeak.c/s=18	Qual= 4	FePeak=03:55		
FCS								
UVSP	03:41			Wavelength=2788A	Code=01	Exp #=61993		
Event # = 21462	DOY=28	Peak	End times	SMM Pointing:	N19W63		Pitch=-362", Yaw=-823", Roll=0deg	H. Ang=67deg
88/01/28, 04:15								
GOES	04:10	04:18		Importance=C1	Qual=01			
BCS	04:14	04:16		CaPeak.c/s=20	Qual= 4	FePeak=04:15		
FCS								
UVSP	04:41			Wavelength=2788A		Exp #=61994		
Event # = 8719	DOY=28	Peak	End times	SMM Pointing:	N19W63		Pitch=-362", Yaw=-823", Roll=0deg	H. Ang=67deg
88/01/28, 04:31								
GOES	04:26	04:39		Importance=C1	Qual=01			
HXRBS	04:28:30	04:29:09		Peak...c/s=58	Qual=01	Tot Cts=290		
UVSP	04:41			Wavelength=2788A		Exp #=61994		

Event # = 21463		SMM Pointing: N19W63		Pitch=-362", Yaw=-823", Roll=0deg		H. Ang=67deg	
88/01/28,04:49	DOY=28	End times					
Start	Peak	Importance=C2					
04:40	04:49	CaPeak.c/s=32		dt= 7.7s		XEN=802803	
04:44	04:45	Wavelength=2788A		Step=0"		Cad=1.02s	
		Code=00		Step=0"		Pitch=-226", Yaw=-648"	
UVSP	04:41	Exp #=61994					
Event # = 21464		SMM Pointing: N19W65		Pitch=-360", Yaw=-836", Roll=0deg		H. Ang=69deg	
88/01/28,06:04	DOY=28	End times					
Start	Peak	Importance=C1					
06:01	06:04	CaPeak.c/s=29		dt= 7.7s		XEN=802804	
06:03	06:03	Wavelength=2788A		Step=5"		Cad=25.6s	
		Code=02		Step=0"		Pitch=-225", Yaw=-654"	
UVSP	06:16	Exp #=61996					
Event # = 8720		SMM Pointing: N19W65		Pitch=-360", Yaw=-836", Roll=0deg		H. Ang=69deg	
88/01/28,06:08	DOY=28	End times					
Start	Peak	Ha...Class=SN		Carr. Lon.=323deg		H. Ang=68deg	
06:06	06:08	Importance=C6					
06:05:45	06:06:40	Peak...c/s=217		MaxkeV=129			
UVSP	06:16	Wavelength=2788A		Step=0"		Pitch=-225", Yaw=-654"	
Event # = 21465		SMM Pointing: N19W65		Pitch=-360", Yaw=-836", Roll=0deg		H. Ang=69deg	
88/01/28,07:19	DOY=28	End times					
Start	Peak	Importance=B8					
07:18	07:19	CaPeak.c/s=23		dt= 7.7s		XEN=802805	
07:18	07:18	Wavelength=2788A		Step=0"		Cad=1.02s	
		Code=02		Step=0"		Pitch=-225", Yaw=-656"	
UVSP	06:49	Exp #=61997					
Event # = 8721		SMM Pointing: N19W67		Pitch=-357", Yaw=-847", Roll=0deg		H. Ang=70deg	
88/01/28,08:50	DOY=28	End times					
Start	Peak	Ha...Class=1N		Carr. Lon.=323deg		H. Ang=68deg	
08:41	08:50	Importance=M1					
08:45:36	08:48:18	Peak...c/s=192		MaxkeV=70			
08:43	08:43	CaPeak.c/s=253		dt= 7.7s		XEN=802806	
		Wavelength=2788A		Step=5"		Cad=25.6s	
		Code=02		Step=0"		Pitch=-224", Yaw=-662"	
UVSP	08:24	Exp #=61999					
Event # = 21466		SMM Pointing: N19W69		Pitch=-355", Yaw=-857", Roll=0deg		H. Ang=72deg	
88/01/28,11:55	DOY=28	End times					
Start	Peak	Importance=C1					
11:49	11:55	CaPeak.c/s=23		dt= 7.7s		XEN=802807	
11:52	11:52	Wavelength=2788A		Step=0"		Cad=1.02s	
		Code=01		Step=0"		Pitch=-224", Yaw=-662"	
UVSP	11:52	Exp #=61999					
Event # = 21467		SMM Pointing: N19W69		Pitch=-355", Yaw=-857", Roll=0deg		H. Ang=72deg	
88/01/28,12:09	DOY=28	End times					
Start	Peak	Importance=C1					
12:04	12:09	CaPeak.c/s=43		dt= 7.7s		XEN=802808	
12:05	12:07	Wavelength=2788A		Step=0"		Cad=1.02s	
		Code=01		Step=0"		Pitch=-224", Yaw=-662"	
UVSP	12:07	Exp #=61999					

Event # = 8722		88/01/29		DOY=29			
88/01/29,02:02:02	DOY=29	SMM Pointing:	N19W75	Pitch=-345",	Yaw=-890",	Roll=0deg	H.Ang=78deg
Start	Peak	End times					
GOES							
HXRBS	02:02:32	02:02:53	02:03:04	MaxkeV=70			
UVSP	01:52			Rast=10"x10"	Step=0"	Pitch=-349",	Yaw=-898"
Event # = 8723		88/01/29		DOY=29			
88/01/29,02:04:01	DOY=29	SMM Pointing:	N19W75	Pitch=-345",	Yaw=-890",	Roll=0deg	H.Ang=78deg
Start	Peak	End times					
GOES							
HXRBS	02:04:01	02:04:11	02:04:53	MaxkeV=70			
UVSP	01:52			Rast=10"x10"	Step=0"	Pitch=-349",	Yaw=-898"
Event # = 21468		88/01/29		DOY=29			
88/01/29,02:10:02	DOY=29	SMM Pointing:	N19W75	Pitch=-345",	Yaw=-890",	Roll=0deg	H.Ang=78deg
Start	Peak	End times					
GOES	02:10	02:10	02:10				
BCS	02:17	02:17	02:27	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=802900
FCS				Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	02:24			Rast=10"x10"	Step=0"	Pitch=-384",	Yaw=-875"
Event # = 21469		88/01/29		DOY=29			
88/01/29,14:46:14	DOY=29	SMM Pointing:		Pitch=-327",	Yaw=-921",	Roll=0deg	
Start	Peak	End times					
GOES	14:46	14:46	15:29				
BCS	14:48	14:48	14:50	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=802901
FCS				Rast=0"x0"	Step=0"	Cad= 860s	860.4s/pixel
UVSP	15:13			Rast=180"x1"	Step=0"	Pitch=-188",	Yaw=-735"
Event # = 8724		88/01/30		DOY=30			
88/01/30,05:16:05	DOY=30	SMM Pointing:	N18W80	Pitch=-318",	Yaw=-914",	Roll=0deg	H.Ang=83deg
Start	Peak	End times					
GOES	05:10	05:10	06:06				
HXRBS	05:13:05	05:13:44	05:15:10	MaxkeV=70			
UVSP	05:20			Rast=180"x1"	Step=0"	Pitch=-188",	Yaw=-735"
Event # = 8725		88/01/31		DOY=31			
88/01/31,10:46:10	DOY=31	SMM Pointing:	N18E45	Pitch=-367",	Yaw=+655",	Roll=0deg	H.Ang=50deg
Start	Peak	End times					
GOES	10:39	10:39	11:20				
HXRBS	10:40:29	10:42:18	10:43:04	MaxkeV=159			
UVSP	11:09			Rast=180"x1"	Step=0"	Pitch=-233",	Yaw=+579"
Event # = 8735		88/02/01		DOY=32			
88/02/01,00:50:00	DOY=32	SMM Pointing:	N20E53	Pitch=+732",	Yaw=+392",	Roll=90deg	H.Ang=58deg
Start	Peak	End times					
GOES	00:48	00:48	00:53				
HXRBS	00:48:51	00:49:28	00:49:39	MaxkeV=70	Flags=I		
UVSP	00:45			Rast=10"x10"	Step=0"	Pitch=+771",	Yaw=+318"

89/01/08 DOY=8

Event # = 22161		DOY=8							
89/01/08	01:20	Start	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	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	Step=3"		
HXRBS	01:56:15	01:57:52	02:02:03	Peak...c/s=48	Qual=01	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	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	Step=0"		
HXRBS	02:56:57	02:59:46	03:05:19	Peak...c/s=794	Qual=01	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	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	Step=0"		
HXRBS	03:22			Wavelength=1375A	Qual=01	Rast=10"x10"	Pitch=+526"	Yaw=+794"	
UVSP	03:22					Exp #=82025			
Event # = 22162		DOY=8							
89/01/08	03:30	Start	End times						
GOES	02:53	03:30	03:47	CaPeak.c/s=242	Qual= 1	FePeak=03:30	dt= 7.7s	XEN=900801	
BCS				Wavelength=1375A	Qual=01	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	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	Step=0"		
HXRBS	03:36			Wavelength=1375A	Qual=01	Rast=10"x10"	Pitch=+496"	Yaw=+724"	
UVSP	03:36					Exp #=82027			
Event # = 10111		DOY=8							
89/01/08	04:40	Start	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	Step=5"		
HXRBS	04:35			Wavelength=1375A	Qual=01	Rast=70"x70"	Pitch=+483"	Yaw=+762"	
UVSP	04:35					Exp #=82029			

Event # = 22163																			
89/01/08,05:18	Start	DOY=8	Peak	End times															
Optical																			
GOES	05:16	05:18	05:20	05:23	Ha...Class=SF	S28E62	AR5312	Mac.=FKC	Carr.Lon.=311deg	H.Ang=64deg									
BCS	04:38	05:20		05:21	Importance=C7	Qual=03		FePeak.c/s=34	#Peaks=2	dt= 7.7s	XEN=900802								
FCS					CaPeak.c/s=184	Qual= 3	FePeak=05:19	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel								
UVSP	04:35				Wavelength=1375A	Code=00	Exp #=82029	Rast=70"x10"	Step=5"	Pitch=+483"	Yaw=+762"								
Event # = 22164																			
89/01/08,06:17	Start	DOY=8	Peak	End times															
GOES	06:17	06:17	06:17	06:54	CaPeak.c/s=136	Qual=00	FePeak=06:17	FePeak.c/s=16	#Peaks=1	dt= 3.8s	XEN=900803								
BCS					Wavelength=1375A	Qual= 5	Exp #=82032	Rast=0"x0"	Step=0"	Cad=.26s	0.256s/pixel								
UVSP	06:15				Wavelength=1375A	Code=00	Exp #=82032	Rast=10"x10"	Step=0"	Pitch=+520"	Yaw=+725"								
Event # = 10112																			
89/01/08,06:54	Start	DOY=8	Peak	End times	SMM Pointing:	S31E63		Pitch=+476"	Yaw=+749"	Roll=0deg	H.Ang=65deg								
Optical																			
GOES	06:45	06:54	07:05	07:05	Ha...Class=SN	S34E55	AR5312	Mac.=FKC	Carr.Lon.=317deg	H.Ang=59deg									
HXRBS	06:45:08	06:46:16	06:54:19	06:54:19	Importance=M2	Qual=02	Tot Cts=10294	MaxkeV=187											
UVSP					Peak...c/s=147	Qual=01													
Radio Sweeps					Type/Intensity:	III/2													
Event # = 22165																			
89/01/08,08:19	Start	DOY=8	Peak	End times															
GOES	08:00	08:19	08:26	08:26	Importance=C7	Qual=01	FePeak=07:55	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=900804								
BCS	07:55	08:15	08:28	08:28	CaPeak.c/s=110	Qual= 1	Exp #=82043	Rast=0"x0"	Step=0"	Cad=.26s	0.256s/pixel								
FCS					Wavelength=1375A	Code=00		Rast=10"x10"	Step=0"	Pitch=+499"	Yaw=+718"								
UVSP	08:09																		
Event # = 11290																			
89/01/08,08:30	Start	DOY=8	Peak	End times	SMM Pointing:	S31E62		Pitch=+475"	Yaw=+739"	Roll=0deg	H.Ang=64deg								
Optical																			
GOES	08:26	08:30	08:50	08:50	Ha...Class=SN	S15E42	AR5311	Mac.=DAO	Carr.Lon.=329deg	H.Ang=43deg									
HXRBS	08:27:11	08:27:45	08:28:05	08:28:05	Importance=M1	Qual=02	Tot Cts=3780	MaxkeV=102	Flags=I,EN										
UVSP	08:23				Peak...c/s=158	Qual=03	Exp #=82045	Rast=10"x10"	Step=0"	Pitch=+519"	Yaw=+717"								
Event # = 11291																			
89/01/08,10:01	Start	DOY=8	Peak	End times	SMM Pointing:	S31E62		Pitch=+475"	Yaw=+739"	Roll=0deg	H.Ang=64deg								
GOES	09:58	10:01	10:09	10:09	Importance=C5	Qual=02	Tot Cts=192	MaxkeV=102	Flags=I										
HXRBS	09:57:43	09:58:15	09:59:56	09:59:56	Peak...c/s=46	Qual=01	FePeak=10:00	FePeak.c/s=10	#Peaks=2	dt= 3.8s	XEN=900805								
BCS	09:32	10:00	10:01	10:01	CaPeak.c/s=59	Qual= 3	Exp #=82052	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel								
UVSP	10:01				Wavelength=1375A	Code=02		Rast=10"x10"	Step=0"	Pitch=+573"	Yaw=+766"								

Event # = 22166		D0Y=8																			
89/01/08	11:22	Start	11:42	End times	Qual=01	FePeak=11:21	Exp #=82054	FePeak.c/s=11	#Peaks=2	dt= 3.8s	XEN=900806										
GOES	11:12	Peak	11:35	Importance=C9	Qual= 1			Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel										
BCS	11:09			CaPeak.c/s=55				Rast=180"x1"	Step=0"	Pitch=+353"	Yaw=+654"										
FCS				Wavelength=2788A	Code=02																
UVSP	11:30																				
Event # = 10113		D0Y=8																			
89/01/08	12:53	Start		End times	S31E60			Pitch=+474"	Yaw=+726"	Roll=0deg	H.Ang=62deg										
Optical				Ha...Class=1B		AR5312		Mac.=FKC	Carr.Lon.=310deg		H.Ang=61deg										
GOES	12:21	Peak	13:45	Importance=M8	Qual=04			Maxkev=187	Flags=EN,SA												
HXRBS	12:46:14		13:07:38	Peak...c/s=262	Qual=04	Tot Cts=91225		FePeak.c/s=1772	#Peaks=1	dt= 7.7s	XEN=900807										
BCS	12:14		13:09	CaPeak.c/s=4404	Qual= 1	FePeak=12:47		Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel										
FCS				Wavelength=2788A		Exp #=82056		Rast=180"x1"	Step=0"	Pitch=+352"	Yaw=+648"										
UVSP	13:03			Frequency(MHz)/Flux(sfu):		8800/240 15400/180															
Event # = 22167		D0Y=8																			
89/01/08	13:48	Start		End times	Qual=00			FePeak.c/s=8	#Peaks=1	dt= 3.8s	XEN=900808										
GOES	13:47	Peak	14:42	CaPeak.c/s=115	Qual= 5	FePeak=13:49		Rast=0"x0"	Step=0"	Cad=.26s	0.256s/pixel										
BCS				Wavelength=2788A		Exp #=82057		Rast=180"x1"	Step=0"	Pitch=+351"	Yaw=+646"										
FCS																					
UVSP	13:39																				
Event # = 10114		D0Y=8																			
89/01/08	17:17	Start		End times	N20W26			Pitch=-396"	Yaw=-400"	Roll=0deg	H.Ang=35deg										
GOES	17:04	Peak	17:49	Importance=M6	Qual=03			Maxkev=102	Flags=EG												
HXRBS	16:56:40		17:15:47	Peak...c/s=239	Qual=03	Tot Cts=1.19E+5		Rast=265"x265"	Step=5"	Pitch=-382"	Yaw=-391"										
UVSP	16:57			Wavelength=1375A	Code=00	Exp #=82061															
Event # = 10115		D0Y=8																			
89/01/08	19:10	Start		End times	S31E56			Pitch=+470"	Yaw=+696"	Roll=0deg	H.Ang=59deg										
Optical				Ha...Class=SF		AR5312		Mac.=FKC	Carr.Lon.=302deg		H.Ang=66deg										
GOES	19:03	Peak	19:48	Importance=M1	Qual=03			Maxkev=102	#Peaks=1	dt= 7.7s	XEN=900809										
HXRBS	19:00:29		19:08:00	Peak...c/s=69	Qual=01	Tot Cts=4649		Rast=0"x0"	Step=0"	Cad=.26s	0.256s/pixel										
BCS	18:56		19:23	CaPeak.c/s=748	Qual= 1	FePeak=19:05		Rast=265"x265"	Step=5"	Pitch=+477"	Yaw=+709"										
FCS				Wavelength=1375A	Code=00	Exp #=82062															
UVSP	18:30																				
Event # = 22168		D0Y=8																			
89/01/08	19:55	Start		End times	Qual=05			FePeak.c/s=15	#Peaks=1	dt= 7.7s	XEN=900810										
GOES	19:48	Peak	20:19	Importance=M1	Qual= 1	FePeak=20:08		Rast=0"x0"	Step=0"	Cad=.26s	0.256s/pixel										
BCS	20:03		20:19	CaPeak.c/s=28		Exp #=82063		Rast=180"x1"	Step=0"	Pitch=+348"	Yaw=+620"										
FCS				Peak3..c/s=-1																	
UVSP	19:53			Wavelength=2788A	Code=00																
Radio				Sweeps																	
				Type/Intensity:																	

Event # = 22169									
89/01/08,21:49	Start	DOY=8	Peak	End times					
Optical									
GOES	21:42	21:49	22:30		S35E53	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
FCS					Qual= 1	Exp #=82065	Rast=0"x0"	Step=0"	XEN=900811
UVSP	21:27				Wavelength=2788A		Rast=180"x1"	Step=0"	Cad=1.02s
									Pitch=+348",Yaw=+613"
Event # = 10116									
89/01/08,23:48	Start	DOY=8	Peak	End times					
Optical					S31E54				
GOES	23:25	23:48	00:47		S32E57		Mac.=FKC	Carr. Lon.=305deg	H. Ang=60deg
HXRBS	23:29:43	23:40:34	23:53:35		Qual=03	Tot Cts=2.94E+5	MaxkeV=320		
BGS	23:10	23:44	00:05		Qual=01	FePeak=23:41	FePeak.c/s=366	#Peaks=1	dt= 7.7s
FCS					Qual= 1	Exp #=82068	Rast=0"x0"	Step=0"	XEN=900812
UVSP	23:58				Wavelength=2788A		Rast=180"x1"	Step=0"	Cad=.26s
									Pitch=+346",Yaw=+602"
BGS	00:43	00:45	01:39		Associated	Event # = 22170	FePeak.c/s=12	#Peaks=1	dt= 3.8s
FCS		01:19			Qual= 5	FePeak=00:47	Rast=0"x0"	Step=0"	XEN=900900
UVSP	00:35				Peak3..c/s=1	Exp #=82069	Rast=180"x1"	Step=0"	Cad=.26s
					Wavelength=2788A				Pitch=+346",Yaw=+599"
Event # = 10117									
89/01/09,01:12	Start	DOY=9	Peak	End times					
Optical					S31E54				
Optical							Pitch=+468",Yaw=+676",Roll=0deg		H. Ang=57deg
GOES	00:48	01:12	01:47		N29E21	ARS315	Mac.=AXX	Carr. Lon.=341deg	H. Ang=39deg
HXRBS	00:55:24	01:09:00	01:14:47		N30E01	ARS307		Carr. Lon.=1deg	H. Ang=34deg
UVSP	01:33				Qual=03	Tot Cts=19607	MaxkeV=144		
Radio					Qual=01	Exp #=82070	Rast=180"x1"	Step=0"	Pitch=+346",Yaw=+594"
					Wavelength=2788A				
					606/16 2695/130 8800/69				
Event # = 22171									
89/01/09,02:46	Start	DOY=9	Peak	End times					
GOES	02:23	02:46	02:55		Qual=00	FePeak=02:46	FePeak.c/s=9	#Peaks=2	dt= 3.8s
BGS					Qual= 1	Exp #=82072	Rast=0"x0"	Step=0"	XEN=900901
FCS					CaPeak.c/s=49		Rast=180"x1"	Step=0"	Cad=1.02s
UVSP	03:07				Wavelength=2788A				Pitch=+345",Yaw=+587"
Event # = 22172									
89/01/09,03:58	Start	DOY=9	Peak	End times					
GOES	03:52	03:58	04:27		Importance=C7	FePeak=04:03	FePeak.c/s=15	#Peaks=1	dt= 7.7s
BGS	04:03	04:03	04:07		CaPeak.c/s=39	Exp #=82073	Rast=0"x0"	Step=0"	XEN=900902
FCS					Wavelength=1375A		Rast=265"x265"	Step=5"	Cad=1.02s
UVSP	03:58				Code=02				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 CaPeak.c/s=214 Qual=5 FePeak=05:40
 FCS
 UVSP 05:39 Wavelength=1375A Exp #=82077

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):
 --- dt= 3.8s XEN=900904
 --- Cad=.26s 0.256s/pixel
 --- Pitch=+489", Yaw=+631"

 --- dt= 3.8s XEN=900905
 --- Cad=.26s 0.256s/pixel
 --- Pitch=+472", Yaw=+650"

 --- dt= 3.8s XEN=900906
 --- Cad=.26s 0.256s/pixel
 --- Pitch=+448", Yaw=+595"

 --- dt= 3.8s XEN=900907
 --- Cad=1.02s 1.024s/pixel
 --- Pitch=+669", Yaw=-502"

Event # = 10118
 89/01/09, 07:37 DOY=9
 Start Peak
 GOES 07:37:25 07:37:39 07:38:05
 HXRBS
 UVSP 07:32
 SMM Pointing: S31E50
 Qual=00
 Qual=01
 Peak...c/s=50
 Wavelength=1375A
 Tot Cts=318
 Exp #=82088
 MaxkeV=102
 Rast=10"x10"
 Step=0"
 Pitch=+448", Yaw=+681"

 --- dt= 3.8s XEN=900906
 --- Cad=.26s 0.256s/pixel
 --- Pitch=+448", Yaw=+595"

 --- dt= 3.8s XEN=900907
 --- Cad=1.02s 1.024s/pixel
 --- Pitch=+669", Yaw=-502"

Event # = 22176
 89/01/09, 08:56 DOY=9
 Start Peak
 GOES 08:56 08:56 09:27
 BCS
 FCS
 UVSP 08:55
 CaPeak.c/s=80
 Wavelength=1375A
 FePeak=08:56
 Exp #=82093

 --- dt= 3.8s XEN=900906
 --- Cad=.26s 0.256s/pixel
 --- Pitch=+448", Yaw=+595"

 --- dt= 3.8s XEN=900907
 --- Cad=1.02s 1.024s/pixel
 --- Pitch=+669", Yaw=-502"

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
 Importance=C6
 CaPeak.c/s=96
 Wavelength=1375A Code=00
 FePeak=10:43
 Exp #=82104

 --- dt= 3.8s XEN=900907
 --- Cad=1.02s 1.024s/pixel
 --- Pitch=+669", Yaw=-502"

Event # = 22178									
89/01/09, 11:40	DOY=9	Peak	End times						
GOES	11:39	11:40	12:21	CaPeak.c/s=26	Qual=5	FePeak=12:09	FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=900908
BCS								Step=0"	Cad=1.02s 1.024s/pixel
FCS								Step=0"	Pitch=+342", Yaw=+545"
UVSP	11:31			Wavelength=2788A	Exp #=82107				
Event # = 10119									
89/01/09, 12:20	DOY=9	Peak	End times	SMM Pointing: S31E47					
GOES	12:14	12:20	12:50	Importance=C6	Qual=01				Pitch=+463", Yaw=+615", Roll=0deg H.Ang=52deg
HXRBS	12:12:59	12:14:39	12:18:07	Peak...c/s=59	Qual=01	Tot Cts=1567	MaxkeV=102		
UVSP	12:05			Wavelength=2788A	Code=00	Exp #=82109	Rast=180"x1"	Step=0"	Pitch=+341", Yaw=+543"
Event # = 11301									
89/01/09, 14:09	DOY=9	Peak	End times	SMM Pointing: S31E46					
GOES	13:47	14:09	15:15	Importance=M1	Qual=03				
HXRBS	13:47:54	13:50:20	13:54:25	Peak...c/s=64	Qual=01	Tot Cts=3900	MaxkeV=102	Flags=1	
BCS	14:00	14:02	14:08	CaPeak.c/s=55	Qual=1	FePeak=14:01	Rast=0"x0"	#Peaks=2	dt= 3.8s XEN=900910
FCS							Rast=180"x1"	Step=0"	Cad=.26s 0.256s/pixel
UVSP	14:03			Wavelength=2788A	Code=00	Exp #=82112	MaxkeV=102	Step=0"	Pitch=+340", Yaw=+532"
HXRBS	13:56:49	13:57:52	13:58:13	Peak...c/s=50	Associated	Tot Cts=140		Flags=1	
HXRBS	13:59:58	14:00:16	14:00:39	Peak...c/s=48	Associated	Event # = 11303			
BCS	13:55	13:55	13:59	CaPeak.c/s=20	Associated	Tot Cts=277	MaxkeV=102	Flags=1	
FCS					Associated	Event # = 22090			
BCS	14:46	14:46	14:58	CaPeak.c/s=35	Associated	FePeak=13:55	FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=900909
FCS					Associated	Event # = 22179	Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
UVSP	14:37			Wavelength=2788A	Qual=5	FePeak=14:46	FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=900911
Event # = 22180									
89/01/09, 15:50	DOY=9	Peak	End times						
GOES	15:35	15:50	16:42	Importance=M1	Qual=02	FePeak=15:39	FePeak.c/s=7	#Peaks=2	dt= 7.7s XEN=900912
BCS	15:26	15:38	15:41	CaPeak.c/s=32	Qual=1	Exp #=82113	Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS							Rast=180"x1"	Step=0"	Pitch=+339", Yaw=+524"
UVSP	15:35			Wavelength=2788A	Code=01	Exp #=82114			
Event # = 22181									
89/01/09, 16:21	DOY=9	Peak	End times						
GOES	16:19	16:21	16:51	CaPeak.c/s=61	Qual=00	FePeak=16:20	FePeak.c/s=12	#Peaks=1	dt= 3.8s XEN=900913
BCS					Qual=5	Exp #=82115	Rast=0"x0"	Step=0"	Cad=.26s 0.256s/pixel
FCS							Rast=180"x1"	Step=0"	Pitch=+339", Yaw=+521"
UVSP	16:12			Wavelength=2788A					

Event # = 10120		SMM Pointing: S31E44		Pitch=+459", Yaw=+584", Roll=0deg		H. Ang=49deg	
89/01/09, 18:04	DOY=9	Start Peak		End times			
G0ES	17:50	18:04	18:21	Qual=01			
HXRBS	17:59:50	18:00:21	18:03:41	Peak...c/s=66		Tot Cts=1884	
BCS	18:00	18:03	18:13	CaPeak.c/s=41		FePeak=18:02	
FCS				WaveLength=2788A		Code=01 Exp #=82117	
UVSP	17:45	Frequency (MHz)/Flux (sfu):		245/380 606/160			
Radio							
Event # = 10121		SMM Pointing: S31E44		Pitch=+459", Yaw=+584", Roll=0deg		H. Ang=49deg	
89/01/09, 18:45	DOY=9	Start Peak		End times			
Optical				Ha...Class=SF		H. Ang=49deg	
G0ES	18:25	18:45	18:46	Qual=03			
HXRBS	18:22:42	18:32:27	18:42:58	Importance=C9		Carr. Lon.=284deg	
UVSP	18:42	Peak...c/s=74		Qual=01		H. Ang=69deg	
Radio				WaveLength=2788A		Code=00	
				606/150		MaxkeV=187	
				Event # = 10122		Pitch=180"x1" Step=0" Pitch=+338", Yaw=+506"	
89/01/09, 19:26	DOY=9	SMM Pointing: S31E44		Pitch=+459", Yaw=+584", Roll=0deg		H. Ang=49deg	
Optical				Ha...Class=1B		H. Ang=49deg	
Optical				Code=LPS		H. Ang=48deg	
G0ES	19:14	19:26	22:23	Qual=03			
HXRBS	19:25:12	19:25:43	19:34:41	Importance=M8		Flags=M1, SN, EG	
BCS	19:26	19:24	20:20	Peak...c/s=389		#Peaks=1 dt= 3.8s XEN=900917	
FCS				CaPeak.c/s=5000		Step=0" Cad=1.02s 1.024s/pixel	
UVSP	19:19	WaveLength=2788A		Code=00		Step=0" Pitch=+338", Yaw=+503"	
Radio				III/I			
Radio Sweeps				Type/Intensity:			
Radio				Frequency (MHz)/Flux (sfu):			
				245/130 1415/240 2695/450 4995/500 8800/840 15400/840			
HXRBS	21:02:46	21:05:48	21:12:32	Peak...c/s=157		Flags=I	
UVSP	20:52	WaveLength=2788A		Qual=01		Step=0"	
				Associated		Pitch=+337", Yaw=+494"	
BCS	21:00	21:01	21:56	CaPeak.c/s=104		#Peaks=1 dt= 3.8s XEN=900919	
FCS				Qual= 1		Step=0" Cad=.26s 0.256s/pixel	
UVSP	20:52	WaveLength=2788A		Associated		Step=0" Pitch=+337", Yaw=+494"	
				Event # = 22030			
BCS	20:20	20:20	20:22	CaPeak.c/s=370		#Peaks=1 dt= 7.7s XEN=900918	
FCS				Qual= 5		Step=0" Cad=1.02s 1.024s/pixel	
UVSP	20:17	WaveLength=2788A		Qual= 01		Step=0" Pitch=+337", Yaw=+498"	
Event # = 22183		SMM Pointing: S31E44		Pitch=+459", Yaw=+584", Roll=0deg		H. Ang=49deg	
89/01/09, 22:34	DOY=9	Start Peak		End times			
G0ES	22:33	22:34	22:57	Qual=00			
BCS				CaPeak.c/s=28		FePeak=22:38	
FCS				Qual= 5		Rast=0"x0" Step=0" Pitch=+337", Yaw=+486"	
UVSP	22:26	WaveLength=2788A		Qual= 01		Step=0" Pitch=+337", Yaw=+486"	

Event # = 10124										Pitch=+458", Yaw=+562", Roll=0deg		H. Ang=48deg	
89/01/09, 22:55		DOY=9		SMM Pointing:		S31E42							
Start		Peak		Importance=C5	Qual=01								
22:53		22:55	23:00	Peak...c/s=69	Qual=01								
22:53:53		22:54:06	22:54:14	Wavelength=2788A									
UVSP 22:26													
Event # = 22184													
89/01/09, 23:10		DOY=9		SMM Pointing:		S31E41							
Start		Peak		Importance=C6	Qual=01								
23:05		23:10	23:25	CaPeak.c/s=52	Qual=1								
23:07		23:15	23:29	Wave length=2788A									
UVSP 23:24													
FePeak.c/s=9		#Peaks=1		dt= 7.7s		XEN=900921							
Rast=0"x0"		Step=0"		Cad=.26s		0.256s/pixel							
Rast=180"x1"		Step=0"		Pitch=+336"		Yaw=+480"							
Event # = 10125													
89/01/10, 00:34		DOY=10		SMM Pointing:		S31E41							
Start		Peak		Ha...Class=LN	S32E41								
00:22		00:34	01:49	Importance=M3	Qual=03								
00:22:50		00:27:17	00:56:03	Peak...c/s=225	Qual=01								
00:08		00:32	01:03	CaPeak.c/s=2025	Qual=1								
UVSP 00:58				Wave length=2788A									
Radio Sweeps			Type/Intensity:										
Frequency (MHz)/Flux(sfu):			111/2										
			245/50										
Event # = 22185													
89/01/10, 02:02		DOY=10		SMM Pointing:		S31E37							
Start		Peak		Ha...Class=SF	Qual=01								
01:56		02:02	02:16	Importance=C7	Qual=01								
01:41		02:01	02:37	CaPeak.c/s=204	Qual=1								
UVSP 01:44				Wave length=2788A	Code=00								
FePeak.c/s=39		#Peaks=2		dt= 7.7s		XEN=901001							
Rast=0"x0"		Step=0"		Cad=.26s		0.256s/pixel							
Rast=243"x243"		Step=3"		Pitch=+463"		Yaw=+549"							
Event # = 22186													
89/01/10, 03:23		DOY=10		SMM Pointing:		S31E39							
Start		Peak		Importance=C6	Qual=01								
03:23		03:23	03:33	Peak...c/s=48	Qual=01								
03:30		03:37	04:12	CaPeak.c/s=32	Qual=1								
03:43:52		03:44:15	03:44:43	Wave length=1375A									
03:46		03:53	04:07										
UVSP 03:21													
FePeak.c/s=13		#Peaks=1		dt= 7.7s		XEN=901002							
Rast=0"x0"		Step=0"		Cad=1.02s		1.024s/pixel							
Rast=70"x70"		Step=5"		Pitch=+463"		Yaw=+539"							
Event # = 10126													
89/01/10, 03:37		DOY=10		SMM Pointing:		S31E39							
Start		Peak		Importance=C6	Qual=01								
03:30		03:37	04:12	Peak...c/s=48	Qual=01								
03:43:52		03:44:15	03:44:43	CaPeak.c/s=32	Qual=1								
03:46		03:53	04:07	Wave length=1375A									
UVSP 03:21													
FePeak.c/s=6		#Peaks=1		dt= 7.7s		XEN=901003							
Rast=0"x0"		Step=0"		Cad=1.02s		1.024s/pixel							
Rast=70"x70"		Step=5"		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
 Optical S29E36 Ha...Class=SF Carr. Lon.=312deg H. Ang=40deg
 Optical S25W03 Ha...Class=SF Carr. Lon.=349deg H. Ang=21deg
 Optical N25E40 Ha...Class=SF Carr. Lon.=306deg H. Ang=49deg
 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
 Optical S29E33 Ha...Class=SF Carr. Lon.=312deg H. Ang=40deg
 Optical S27E31 Ha...Class=SF Carr. Lon.=312deg H. Ang=37deg
 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
 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
 Optical S27E31 Ha...Class=SF Carr. Lon.=312deg H. Ang=37deg
 GOES 11:32 11:32 11:33 CaPeak.c/s=18 Qual=5
 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
 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
 Optical S27E31 Ha...Class=SF Carr. Lon.=312deg H. Ang=37deg
 GOES 11:36 11:36 11:42 CaPeak.c/s=19 Qual=5
 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
 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
GOES 11:52 12:00 End times
BCS 11:52 11:58
FCS 11:52
UVSP 11:52

Importance=C3
CaPeak.c/s=44
Wavelength=2788A
Code=00
Exp #=82163
FePeak=11:55
Qual=03
Qual=1

#Peaks=1
Step=0"
Step=0"

dt= 7.7s
Cad=1.02s
Pitch=+332",
XEN=901008
1.024s/pixel
Yaw=+404"

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

Event # = 22191
89/01/10, 12:42 DOY=10
Start Peak
GOES 12:37 13:00 End times
BCS 12:37 13:28
FCS 12:37
UVSP 12:28

Importance=C4
CaPeak.c/s=51
Wavelength=2788A
Code=01
Exp #=82164
FePeak=12:39
Qual=02
Qual=1

#Peaks=1
Step=0"
Step=0"

dt= 3.8s
Cad=.26s
Pitch=+332",
XEN=901009
0.256s/pixel
Yaw=+400"

FePeak.c/s=9
Rast=0"x0"
Rast=180"x1"

Event # = 10129
89/01/10, 13:12 DOY=10
Start Peak
GOES 13:07 13:12 End times
HXRBS 13:08:40 13:08:52 13:13:27
UVSP 13:26
Radio Frequency(MHz)/Flux(sfu): 245/250

SMM Pointing:
S31E34
Importance=M2
Peak...c/s=99
Wavelength=2788A
245/250

Pitch=+453",
Yaw=+466",
Roll=0deg
H.Ang=42deg

MaxkeV=102
Rast=180"x1"

Step=0"
Pitch=+332",
Yaw=+393"

Event # = 22192
89/01/10, 14:12 DOY=10
Start Peak
Optical
GOES 14:12 14:15 End times
BCS 14:12 14:15
FCS 14:01
UVSP 14:01

Ha...Class=SF
S27W09
Qual=00
Qual=4
FePeak=14:12
Exp #=82166

Mac.=BX0
Carr. Lon.=350deg
H.Ang=24deg

#Peaks=1
Step=0"
Step=0"

dt= 7.7s
Cad=1.02s
Pitch=+330",
XEN=901010
1.024s/pixel
Yaw=+390"

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

Event # = 10132
89/01/10, 14:57 DOY=10
Start Peak
GOES 14:55 15:00 End times
HXRBS 14:54:53 14:55:12 14:55:59
UVSP 15:00

SMM Pointing:
S31E33
Importance=C4
Peak...c/s=79
Wavelength=2788A
Code=02

Pitch=+451",
Yaw=+456",
Roll=0deg
H.Ang=41deg

MaxkeV=102
Rast=180"x1"

Step=0"
Pitch=+329",
Yaw=+384"

Event # = 10133
89/01/10, 15:06 DOY=10
Start Peak
GOES 15:06 15:08 End times
HXRBS 15:01:03 15:01:22 15:02:40
BCS 14:53 15:04 15:09
FCS 15:00
UVSP 15:00

SMM Pointing:
S31E33
Importance=C5
Peak...c/s=73
CaPeak.c/s=72
Wavelength=2788A
Code=00
Associated
Qual=01

Pitch=+451",
Yaw=+456",
Roll=0deg
H.Ang=41deg

MaxkeV=102
FePeak.c/s=11
Rast=300"x240"
Rast=180"x1"

#Peaks=2
Step=15"
Step=0"

dt= 7.7s
Cad= 328s
Pitch=+329",
XEN=901011
1.024s/pixel
Yaw=+384"

Exp #=82167
Event # = 10134
Tot Cts=222
MaxkeV=102

Event # = 22193		DOY=10													
89/01/10	15:58	Start	Peak	End times											
GOES	15:52	15:58	15:58	16:06	Importance=C7	Qual=03									
BCS	15:44	15:58	15:58	16:02	CaPeak.c/s=80	Qual=1	FePeak=15:46	#Peaks=1	dt= 7.7s	XEN=901012					
UVSP	15:35				WaveLength=2788A		Exp #=82168	Rast=180"x180"	Pitch=0"						
Event # = 10135		DOY=10													
89/01/10	16:19	Start	Peak	End times	SMM Pointing:	S31E32									
GOES	16:15	16:19	16:19	16:25	Importance=C7	Qual=01									
HXRBS	16:17:39	16:17:52	16:18:40	16:40	Peak...c/s=56	Qual=01	Tot Cts=612	MaxkeV=102	dt= 7.7s	XEN=901013					
BCS	16:14	16:19	16:19	16:40	CaPeak.c/s=216	Qual=1	FePeak=16:18	Rast=180"x180"	Pitch=0"						
UVSP	16:33				WaveLength=2788A		Exp #=82169								
Event # = 10136		DOY=10													
89/01/10	17:59	Start	Peak	End times	SMM Pointing:	S31E31									
Optical					Ha...Class=1F	S34E37	AR5312	Mac.=FKC	Carr. Lon.=302deg	H. Ang=40deg					
GOES	17:43	17:59	18:52	18:52	Importance=M3	Qual=03									
HXRBS	17:44:28	17:47:57	18:08:24	18:08:24	Peak...c/s=303	Qual=01	Tot Cts=26329	MaxkeV=187	Flags=M1,FS						
UVSP	18:07				WaveLength=2788A	Code=02	Exp #=82171	Rast=180"x180"	Pitch=0"						
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									
Optical					Ha...Class=SF	N32W01	AR5315	Mac.=AXX	Carr. Lon.=340deg	H. Ang=39deg					
GOES	18:52	19:12	20:00	20:00	Importance=M2	Qual=01									
HXRBS	19:06:52	19:09:55	19:12:35	19:12:35	Peak...c/s=57	Qual=01	Tot Cts=3061	MaxkeV=102	#Peaks=2	dt= 7.7s	XEN=901015				
BCS	18:52	19:28	19:47	19:47	CaPeak.c/s=118	Qual=1	FePeak=19:28	Rast=180"x180"	Step=10"						
FCS							Exp #=82173								
UVSP	19:40				WaveLength=2788A										
Radio Sweeps					V/2										
Event # = 10131		DOY=10													
89/01/10	20:31	Start	Peak	End times	SMM Pointing:	S31E30									
Optical					Ha...Class=1B	S31E30	AR5312	Mac.=FKC	Carr. Lon.=308deg	H. Ang=39deg					
GOES	20:20	20:31	21:14	21:14	Importance=X1	Qual=01									
HXRBS	20:23:10	20:25:33	21:20:14	21:20:14	Peak...c/s=2843	Qual=02	Tot Cts=3.01E+6	MaxkeV=855	Flags=M5,SN						
GRS	20:24:00	20:31:00	20:31:00	20:31:00			FePeak=20:28	Rast=180"x180"	Step=10"						
BCS	20:24	20:29	21:20	21:20	CaPeak.c/s=7372	Qual=1	Exp #=82176								
FCS															
UVSP	20:29				WaveLength=1375A	Code=00	Exp #=82176								
Radio					Frequency(MHz)/Flux(sfu):	1415/950 2695/1400 8800/1500									
Event # = 22194		DOY=10													
89/01/10	21:19	Start	Peak	End times	Ha...Class=SF	N27E69	AR5317								
Optical					Importance=M1	Qual=03									
GOES	21:15	21:19	21:45	21:45	CaPeak.c/s=171	Qual=5	FePeak=21:21	Rast=180"x180"	Step=10"						
BCS	21:21	21:21	21:21	21:21	WaveLength=1375A	Code=00	Exp #=82182								
UVSP	21:09														

Event # = 22198
 89/01/11, 06:14 DOY=11 Peak
 Start 06:14 06:14 06:16 End times
 GOES 06:14 06:14 06:16 End times
 BCS 06:14 06:14 06:16 End times
 FCS 06:14 06:14 06:16 End times
 UVSP 06:14 06:14 06:16 End times

Qual=00
 Qual=2
 FePeak=06:14
 Exp #=82225

CaPeak.c/s=23
 Wavelength=1375A

Event # = 10139
 89/01/11, 06:49 DOY=11 Peak
 Start 06:49 06:49 06:43 End times
 GOES 06:25 06:49 07:43 End times
 HXRBS 06:32:11 06:32:19 06:32:48 End times
 BCS 06:26 06:41 06:43 End times
 FCS 06:41 06:41 06:43 End times
 UVSP 06:41 06:41 06:43 End times

Optical
 Ha...Class=SF
 Importance=M2
 Peak...c/s=56
 CaPeak.c/s=488

Wavelength=1375A Code=01
 Associated
 Peak...c/s=43
 Wavelength=1375A
 Associated
 Peak...c/s=48
 Wavelength=1375A

Event # = 10140
 89/01/11, 07:05 DOY=11 Peak
 Start 07:05 07:05 07:03 End times
 GOES 07:05 07:05 07:03 End times
 HXRBS 07:05 07:05 07:03 End times
 BCS 07:05 07:05 07:03 End times
 FCS 07:05 07:05 07:03 End times
 UVSP 07:05 07:05 07:03 End times

Event # = 10143
 89/01/11, 06:29:17 DOY=11 Peak
 Start 06:29:17 06:29:28 06:29:39 End times
 GOES 06:29:17 06:29:28 06:29:39 End times
 HXRBS 06:29:17 06:29:28 06:29:39 End times
 BCS 06:29:17 06:29:28 06:29:39 End times
 FCS 06:29:17 06:29:28 06:29:39 End times
 UVSP 06:29:17 06:29:28 06:29:39 End times

Exp # = 82229
 Event # = 10140
 Tot Cts=302
 FePeak=06:41
 Exp # = 82227
 Event # = 10143
 Tot Cts=143
 Exp # = 82227

MaxkeV=102
 Rast=180"x180"
 Rast=10"x10"

MaxkeV=102
 Rast=10"x10"
 Rast=10"x10"

MaxkeV=102
 Rast=10"x10"
 Rast=10"x10"

Event # = 10141
 89/01/11, 07:45 DOY=11 Peak
 Start 07:45 07:45 07:45 End times
 GOES 07:43:41 07:44:02 07:44:24 End times
 HXRBS 07:43:41 07:44:02 07:44:24 End times
 BCS 07:42 07:45 08:16 End times
 FCS 07:42 07:45 08:16 End times
 UVSP 07:39 07:39 07:39 End times

SMM Pointing: S31E24
 Qual=00
 Qual=01
 Qual=4

Peak...c/s=442
 CaPeak.c/s=69

Wavelength=1375A

Event # = 22200
 89/01/11, 09:54 DOY=11 Peak
 Start 09:54 09:54 09:54 End times
 GOES 09:45 09:54 09:54 End times
 BCS 09:39 09:47 09:54 End times
 FCS 09:39 09:47 09:54 End times
 UVSP 10:19 10:19 10:19 End times

Importance=M1
 CaPeak.c/s=29

Wavelength=2788A

Event # = 22201
 89/01/11, 10:46 DOY=11 Peak
 Start 10:37 10:46 10:55 End times
 GOES 10:37 10:46 10:55 End times
 BCS 10:54 10:55 11:21 End times
 FCS 10:54 10:55 11:21 End times
 UVSP 10:19 10:19 10:19 End times

Importance=C5
 CaPeak.c/s=88

Wavelength=2788A

#Peaks=1
 Step=0"
 dt= 7.7s
 Cad=1.02s
 Pitch=+456", Yaw=+432"

FePeak.c/s=6
 Rast=0"x0"
 Rast=10"x10"

#Peaks=1
 Step=0"
 dt= 7.7s
 Cad=1.02s
 Pitch=+456", Yaw=+432"

FePeak.c/s=6
 Rast=0"x0"
 Rast=10"x10"

#Peaks=1
 Step=10"
 Step=0"
 dt= 7.7s
 Cad= 332s
 Pitch=+516", Yaw=+379"

FePeak.c/s=61
 Rast=180"x180"
 Rast=10"x10"

#Peaks=1
 Step=0"
 Step=0"
 dt= 7.7s
 Cad= 332s
 Pitch=+456", Yaw=+430"

FePeak.c/s=61
 Rast=180"x180"
 Rast=10"x10"

#Peaks=1
 Step=0"
 Step=0"
 dt= 3.8s
 Cad= 332s
 Pitch=+456", Yaw=+422"

FePeak.c/s=9
 Rast=180"x180"
 Rast=10"x10"

#Peaks=2
 Step=5"
 Step=0"
 dt= 7.7s
 Cad=1083s
 Pitch=+325", Yaw=+252"

FePeak.c/s=7
 Rast=115"x115"
 Rast=180"x1"

#Peaks=1
 Step=0"
 Step=0"
 dt= 3.8s
 Cad=1.02s
 Pitch=+325", Yaw=+252"

FePeak.c/s=9
 Rast=0"x0"
 Rast=180"x1"

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		Wave length=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		Wave length=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		Wave length=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		Wave length=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		Wave length=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		Wave length=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		Wave length=2788A		Exp #=82245						

Event # = 22208 89/01/11,16:47 Start	DOY=11 Peak	End times	Ha...Class=SF Importance=C5 CaPeak.c/s=55	S34E20 Qual=04 Qual= 4	AR5312 FePeak=16:49	Mac. =FKC	Carr. Lon. =307deg	H. Ang=35deg
Optical GOES 16:44 BCS 16:41 FCS UVSP 16:33	16:47 16:49	16:57 16:57	Wave length=2788A Code=01	Exp #=82246	FePeak.c/s=10 Step=15" Step=0" Rast=180"x1" Pitch=+322", Yaw=+208"			
Event # = 22209 89/01/11,17:28 Start	DOY=11 Peak	End times	CaPeak.c/s=19	Qual=00 Qual= 4	FePeak=17:31	Mac. =FKC	Carr. Lon. =306deg	H. Ang=32deg
GOES 17:21 BCS 17:21 FCS UVSP 17:31	17:28	17:32	Wave length=2788A	Exp #=82247	FePeak.c/s=7 Step=10" Step=0" Rast=180"x1" Pitch=+322", Yaw=+201"			
Event # = 10145 89/01/11,18:03 Start	DOY=11 Peak	End times	SMM Pointing:	S31E18		Mac. =FKC	Carr. Lon. =306deg	H. Ang=34deg
Optical GOES 18:00 HXRBS 18:17:30 UVSP 18:16	18:03 18:17:54 18:18:12	18:07 18:18:12	Ha...Class=SF Importance=C8 Peak...c/s=46 Wave length=1375A	Qual=05 Qual=01	Tot Cts=229 Exp #=82248	MaxkeV=102 Rast=265"x265" Step=5"		
Event # = 22541 89/01/11,18:19 Start	DOY=11 Peak	End times	CaPeak.c/s=216	Qual=00 Qual= 1	FePeak=18:18			
GOES 18:17 BCS 18:17 FCS UVSP 18:18	18:19	19:08	Wave length=1375A	Exp #=82250	FePeak.c/s=32 Step=10" Step=0" Rast=180"x180" Rast=10"x10" Pitch=+467", Yaw=+276"			
Event # = 10144 89/01/11,18:20 Start	DOY=11 Peak	End times	SMM Pointing:	S31E18				
GOES 18:15 HXRBS 18:14:28 UVSP 18:18	18:20 18:14:41 18:15:20	19:16 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"		
Event # = 10146 89/01/11,18:34 Start	DOY=11 Peak	End times	SMM Pointing:	S31E18				
GOES 18:33:57 HXRBS 18:33 UVSP 18:33	18:34:02 18:34:06	18:34:06	Peak...c/s=47 Wave length=1375A	Qual=00 Qual=01	Tot Cts=80 Exp #=82252	MaxkeV=102 Rast=10"x10"		
Event # = 10147 89/01/11,20:25 Start	DOY=11 Peak	End times	SMM Pointing:	S31E18				
GOES 20:17 HXRBS 20:22:10 UVSP 20:19	20:25 20:22:25 20:22:33	20:30 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"		
Radio Sweeps	Type/intensity:	V/1						

Event # = 10148											
89/01/11,20:32	DOY=11	SMM Pointing:		S31E18		Pitch=+442",Yaw=+254",Roll=0deg		H.Ang=31deg			
Start	Peak	End times		Qual=00							
GOES				Qual=01							
HXRBS	20:32:44	20:32:56	20:33:36	Peak...c/s=49	Tot Cts=301	MaxkeV=144		Rast=10"x10"		Step=0" Pitch=+476",Yaw=+245"	
UVSP	20:32			Wavelength=1375A	Exp #=82265						
Event # = 10152											
89/01/11,21:37	DOY=11	SMM Pointing:		S31E17		Pitch=+442",Yaw=+243",Roll=0deg		H.Ang=31deg			
Start	Peak	End times									
Optical				Ha...Class=SB		N23E50		AR5317		Carr. Lon.=274deg	
Optical				Ha...Class=SF		N28E53		AR5318		H.Ang=56deg	
GOES	21:28	21:37	22:00	Importance=C5	Qual=01					H.Ang=60deg	
HXRBS	21:28:09	21:29:17	21:31:30	Peak...c/s=74	Qual=01						
BCS	21:21	21:37	22:18	CaPeak.c/s=46	Qual= 4	Tot Cts=2072		FePeak.c/s=9		#Peaks=2 dt= 3.8s	
FCS				Wavelength=1375A	Code=00	Exp #=82268		Rast=180"x180"		Cad= 332s	
UVSP	21:26							Step=0" Pitch=+466",Yaw=+253"		XEN=901116	
Event # = 10153											
89/01/11,22:53	DOY=11	SMM Pointing:		S31E16		Pitch=+442",Yaw=+231",Roll=0deg		H.Ang=31deg			
Start	Peak	End times									
Optical				Ha...Class=IN		N19E58		AR5317		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		MaxkeV=274		Rast=265"x265"	
UVSP	22:56			Wavelength=1375A	Code=02	Exp #=82275		Step=5" Pitch=+449",Yaw=+244"			
Radio				Frequency(MHz)/Flux(sfu):	2695/58 15400/78						
Event # = 10149											
89/01/11,23:40	DOY=11	SMM Pointing:		S31E16		Pitch=+442",Yaw=+231",Roll=0deg		H.Ang=31deg			
Start	Peak	End times									
Optical				Ha...Class=SF		N18E73		AR5321		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		FePeak.c/s=16		#Peaks=1 dt= 7.7s	
BCS	23:23	23:49	23:52	CaPeak.c/s=58	Qual= 2	FePeak=23:49		Rast=180"x180"		Cad= 332s	
FCS				Wavelength=1375A	Code=00	Exp #=82283		Step=0" Pitch=+485",Yaw=+246"		XEN=901117	
UVSP	23:39							Rast=10"x10"		Pitch=+485",Yaw=+246"	
Event # = 11393											
89/01/12,00:33	DOY=12	SMM Pointing:		S31E16		Pitch=+441",Yaw=+225",Roll=0deg		H.Ang=30deg			
Start	Peak	End times									
Optical				Ha...Class=SF		S28E17		AR5312		H.Ang=29deg	
GOES	00:33:00	00:33:12	00:33:27	Peak...c/s=71	Qual=01	Tot Cts=350		Mac.=FKC		Carr. Lon.=305deg	
HXRBS	00:33			Wavelength=1375A	Qual=00	Exp #=82286		MaxkeV=102		Flags=1	
UVSP	00:33							Rast=10"x10"		Step=0" Pitch=+490",Yaw=+290"	
Event # = 22210											
89/01/12,01:01	DOY=12	SMM Pointing:		S28E17		Pitch=+441",Yaw=+225",Roll=0deg		H.Ang=30deg			
Start	Peak	End times									
Optical				Ha...Class=SF		S28E17		AR5312		H.Ang=29deg	
GOES	00:29	01:01	01:26	CaPeak.c/s=101	Qual= 1	FePeak=01:01		Mac.=FKC		Carr. Lon.=305deg	
BCS				Wavelength=1375A	Qual=00	Exp #=82290		FePeak.c/s=13		#Peaks=3 dt= 7.7s	
FCS								Rast=0"x0"		Cad=1.02s	
UVSP	01:00							Rast=10"x10"		Step=0" Pitch=+470",Yaw=+227"	

Event # = 22211		DOY=12		End times		Qual=03		dt= 3.8s		XEN=901201	
89/01/12,02:57	Peak	03:03		03:01		Qual= 1			Cad=1.02s		1.024s/pixel
GOES	02:51		Importance=C3		FePeak=02:57			#Peaks=3			Pitch=+470", Yaw=+218"
BCS	02:06		CaPeak.c/s=56		Exp #=82301			Step=0"			Rast=10"x10"
FCS			Wavelength=1375A					Step=0"			
UVSP	02:48										
Event # = 10150		DOY=12		End times		S31E13		dt= 7.7s		XEN=901202	
89/01/12,04:24	Peak	05:05		04:33					Cad= 590s		1.024s/pixel
Optical	04:17		SMM Pointing:		Exp #=82308			Step=0"			Pitch=+475", Yaw=+208"
GOES	04:24		Ha...Class=1N					Step=0"			
HXRBS	04:20:57		Importance=M1								
BCS	03:46		Peak...c/s=400								
FCS			CaPeak.c/s=824								
UVSP	04:12		Wavelength=1375A								
Radio Sweeps			Type/Intensity:								
Radio Frequency (MHz)/Flux(sfu):			III/1								
			2695/59								
			8800/100								
			15400/91								
Event # = 22212		DOY=12		End times		N20E51		dt= 7.7s		XEN=901203	
89/01/12,05:25	Peak	05:52		05:25		Qual=00			Cad=1.02s		1.024s/pixel
Optical	05:24		Ha...Class=SF		Exp #=82313			Step=0"			Pitch=+475", Yaw=+194"
GOES	05:24		CaPeak.c/s=37					Step=10"			
BCS			Wavelength=1375A					Step=10"			
FCS			Type/Intensity:								
UVSP	05:24		III/1								
Radio Sweeps											
Event # = 10155		DOY=12		End times		S31E13		dt= 7.7s		XEN=901204	
89/01/12,06:02	Peak	06:02:25		06:02:16		Qual=00			Cad= 328s		1.024s/pixel
Optical	06:02:12		SMM Pointing:		Exp #=82315			Step=10"			Pitch=+475", Yaw=+181"
GOES	06:02:12		Peak...c/s=57					Step=15"			
HXRBS	06:02:12		Wavelength=1375A					Step=10"			
UVSP	05:56										
Event # = 22213		DOY=12		End times		Qual=00		dt= 3.8s		XEN=901204	
89/01/12,07:04	Peak	07:40		07:04		Qual= 5			Cad= 328s		1.024s/pixel
Optical	07:02		CaPeak.c/s=49		Exp #=82318			Step=10"			Pitch=+475", Yaw=+181"
GOES	07:02		Wavelength=1375A					Step=10"			
BCS											
FCS											
UVSP	07:01										
Event # = 22214		DOY=12		End times		S33E15		dt= 7.7s		XEN=901220	
89/01/12,08:49	Peak	09:02		08:48		Qual=01			Cad= 590s		1.024s/pixel
Optical	08:45		Ha...Class=SF		Exp #=82322			Step=3"			Pitch=+448", Yaw=+172"
GOES	08:45		Importance=C4					Step=10"			
BCS	08:40		CaPeak.c/s=96								
FCS			Wavelength=2788A								
UVSP	08:35										

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									
GOES	10:17	10:34	11:22	Ha...Class=SF	S32E12	AR5312			
HXRBS	10:34:06	10:34:20	10:34:31	Importance=C7	Qual=03				
BCS	10:19	10:34	10:47	Peak...c/s=55	Qual=01	Tot Cts=133			
FCS				CaPeak.c/s=276	Qual=1	FePeak=10:33			
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" 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" 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" Pitch=+319",Yaw=+49"									
Event # = 22219									
89/01/12,14:35	DOY=12	Peak	End times						
Optical									
GOES	14:31	14:35	14:46	Ha...Class=SF	N29W44	AR5307			
BCS					Qual=03				
FCS				CaPeak.c/s=37	Qual=1	FePeak=14:35			
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" Pitch=+317",Yaw=+37"									

Event # = 22221		DOY=12																	
89/01/12, 16:04	Peak																		
GOES	15:59	16:04	16:05	16:11	16:18	16:11	16:18	16:05	16:05	16:05	16:05	16:05	16:05	16:05	16:05	16:05	16:05	16:05	16:05
BCS	16:04																		
FCS																			
UVSP	16:06																		
Importance=C3		CaPeak.c/s=27		Wavelength=1375A		Code=02		Exp # = 82331		FePeak = 16:05		Qual = 5		Qual = 04		dt= 7.7s		XEN=901211	
#Peaks=1		Step=0"		Pitch=+445"		Yaw=+115"		Rast=265" x265"		Rast=0" x0"		Cad=1.02s		Pitch=+445"		Yaw=+115"			
SMM Pointing:		S31E07								Pitch=+435"		Yaw=+101"		Roll=0deg		H. Ang=27deg			
Ha...Class=SF		S30E02		AR5312		Mac.=FKC				Carr. Lon.=312deg		H. Ang=26deg							
Importance=C3		Qual=01								MaxkeV=102		#Peaks=1		dt= 7.7s		XEN=901212			
Peak...c/s=60		Qual=1								FePeak.c/s=8		Step=0"		Cad=1.02s		Pitch=+462"		Yaw=+189"	
CaPeak.c/s=34		Code=00		Exp # = 82337		Event # = 10157		Tot Cts=183		Rast=10" x10"		Step=0"							
Wavelength=1375A		Associated								MaxkeV=144									
Peak...c/s=54		Qual=01																	
SMM Pointing:		S31E06								Pitch=+438"		Yaw=+90"		Roll=0deg		H. Ang=27deg			
Ha...Class=IN		S16W12		AR5311		Mac.=EAI				Carr. Lon.=325deg		H. Ang=17deg							
Importance=C9		Qual=01								MaxkeV=102		Flags=1							
Peak...c/s=120		Qual=01								FePeak.c/s=15		#Peaks=2		dt= 3.8s		XEN=901213			
CaPeak.c/s=88		Code=00		Exp # = 82342		Event # = 10156		Tot Cts=220		Rast=240" x240"		Step=10"		Cad=590s		Pitch=+472"		Yaw=+125"	
Wavelength=1375A		Associated								MaxkeV=102									
Peak...c/s=72		Qual=01								Rast=265" x265"		Step=5"		Pitch=+445"		Yaw=+103"			
Wavelength=1375A																			
SMM Pointing:		S31E00								FePeak.c/s=9		#Peaks=1		dt= 7.7s		XEN=901214			
Ha...Class=SF		Qual=00								Rast=240" x240"		Step=10"		Cad=590s		Pitch=+462"		Yaw=+190"	
Importance=C9		Qual=5								FePeak.c/s=40		#Peaks=2		dt= 7.7s		XEN=901215			
Peak...c/s=11		Qual=5								Rast=10" x10"		Step=0"		Cad=1.02s		Pitch=+487"		Yaw=+187"	
CaPeak.c/s=50		Code=00		Exp # = 82353		Event # = 10157		Tot Cts=183		MaxkeV=144									
Peak3...c/s=11		Associated																	
Wavelength=1375A		Qual=01																	
SMM Pointing:		S31E06								Pitch=+438"		Yaw=+90"		Roll=0deg		H. Ang=27deg			
Ha...Class=IN		S16W12		AR5311		Mac.=EAI				Carr. Lon.=325deg		H. Ang=17deg							
Importance=C9		Qual=01								MaxkeV=102		Flags=1							
Peak...c/s=120		Qual=01								FePeak.c/s=15		#Peaks=2		dt= 3.8s		XEN=901213			
CaPeak.c/s=88		Code=00		Exp # = 82342		Event # = 10156		Tot Cts=220		Rast=240" x240"		Step=10"		Cad=590s		Pitch=+472"		Yaw=+125"	
Wavelength=1375A		Associated								MaxkeV=102									
Peak...c/s=72		Qual=01								Rast=265" x265"		Step=5"		Pitch=+445"		Yaw=+103"			
Wavelength=1375A																			
SMM Pointing:		S31E00								FePeak.c/s=9		#Peaks=1		dt= 7.7s		XEN=901214			
Ha...Class=SF		Qual=00								Rast=240" x240"		Step=10"		Cad=590s		Pitch=+462"		Yaw=+190"	
Importance=C9		Qual=5								FePeak.c/s=40		#Peaks=2		dt= 7.7s		XEN=901215			
Peak...c/s=11		Qual=5								Rast=10" x10"		Step=0"		Cad=1.02s		Pitch=+487"		Yaw=+187"	
CaPeak.c/s=50		Code=00		Exp # = 82353		Event # = 10157		Tot Cts=183		MaxkeV=144									
Peak3...c/s=11		Associated																	
Wavelength=1375A		Qual=01																	
SMM Pointing:		S31E06								Pitch=+438"		Yaw=+90"		Roll=0deg		H. Ang=27deg			
Ha...Class=IN		S16W12		AR5311		Mac.=EAI				Carr. Lon.=325deg		H. Ang=17deg							
Importance=C9		Qual=01								MaxkeV=102		Flags=1							
Peak...c/s=120		Qual=01								FePeak.c/s=15		#Peaks=2		dt= 3.8s		XEN=901213			
CaPeak.c/s=88		Code=00		Exp # = 82342		Event # = 10156		Tot Cts=220		Rast=240" x240"		Step=10"		Cad=590s		Pitch=+472"		Yaw=+125"	
Wavelength=1375A		Associated								MaxkeV=102									
Peak...c/s=72		Qual=01								Rast=265" x265"		Step=5"		Pitch=+445"		Yaw=+103"			
Wavelength=1375A																			
SMM Pointing:		S31E00								FePeak.c/s=9		#Peaks=1		dt= 7.7s		XEN=901214			
Ha...Class=SF		Qual=00								Rast=240" x240"		Step=10"		Cad=590s		Pitch=+462"		Yaw=+190"	
Importance=C9		Qual=5								FePeak.c/s=40		#Peaks=2		dt= 7.7s		XEN=901215			
Peak...c/s=11		Qual=5								Rast=10" x10"		Step=0"		Cad=1.02s		Pitch=+487"		Yaw=+187"	
CaPeak.c/s=50		Code=00		Exp # = 82353		Event # = 10157		Tot Cts=183		MaxkeV=144									
Peak3...c/s=11		Associated																	
Wavelength=1375A		Qual=01																	

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	
BCS	20:46	20:58	Peak...c/s=77		Qual=01		FePeak=20:49		Rast=0"x0"		Step=0"		Cad=1.02s		1.024s/pixel	
FCS	20:46	20:58	CaPeak.c/s=25		Qual= 5		Exp #=82358		Rast=265"x265"		Step=5"		Pitch=+445", Yaw=+79"			
UVSP	20:46	20:58	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	21:42									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													
BCS	21:08	21:31														
FCS	21:30	21:42														
UVSP	21:30	21:42														
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	22:23	Wavelength=1375A													
FCS	22:20	22:23														
UVSP	22:20	22:23														
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	22:51									Pitch=+477", Yaw=+76"					
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	00:23	Wavelength=1375A		Code=00											
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	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									
UVSP	00:37	00:37	Wavelength=1375A		Qual=01		Tot Cts=404		MaxkeV=102		Step=0"		dt= 7.7s		XEN=901221	
							Exp #=82384		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 DOY=13
 Peak
 SMM Pointing: S31E01
 Pitch=+438", Yaw=+18", Roll=0deg
 H.Ang=27deg
 Optical Start
 Ha...Class=1N
 S31E25
 AR5312
 Mac.=FKC
 Carr. Lon.=268deg
 H.Ang=30deg
 H.Ang=50deg
 Optical Start
 Ha...Class=SF
 N29E39
 AR5318
 Mac.=FKC
 Carr. Lon.=268deg
 H.Ang=30deg
 H.Ang=50deg
 GOES 03:50 03:57 04:59 Importance=M2
 Qual=03
 Tot Cts=34792
 HXRBS 03:49:17 03:54:02 03:57:04
 Peak...c/s=448
 Qual=01
 FePeak=03:55
 BCS 03:09 03:55 03:57 CaPeak.c/s=1304
 Qual=2
 Exp # = 82391
 Wavelength=1375A
 Code=00
 Exp # = 82402
 FCS 03:48 Wavelength=1375A
 Code=00
 Exp # = 82405
 UVSP Frequency (MHz)/Flux(sfu):
 2695/150 8800/290 15400/190

Event # = 10167
 89/01/13 05:13 DOY=13
 Peak
 SMM Pointing: S31W00
 Pitch=+438", Yaw=+6", Roll=0deg
 H.Ang=27deg
 Optical Start
 Importance=C6
 Qual=01
 Tot Cts=328
 HXRBS 05:12:27 05:13:13 05:13:26
 Peak...c/s=45
 Qual=01
 FePeak=05:15
 BCS 04:47 05:16 05:31 CaPeak.c/s=107
 Qual=1
 Exp # = 82405
 UVSP 04:45 Wavelength=1375A
 Code=00
 Exp # = 82414

Event # = 22226
 89/01/13 06:50 DOY=13
 Peak
 SMM Pointing: S31W01
 Pitch=+438", Yaw=-18", Roll=0deg
 H.Ang=27deg
 Optical Start
 Importance=C6
 Qual=03
 FePeak=06:50
 HXRBS 06:26 06:50 07:42
 Peak...c/s=158
 Qual=3
 Tot Cts=25720
 BCS 06:26 06:52 07:05 CaPeak.c/s=158
 Qual=3
 Exp # = 82421
 UVSP 06:49 Wavelength=1375A
 Code=00
 Exp # = 82421

Event # = 10168
 89/01/13 08:32 DOY=13
 Peak
 SMM Pointing: S31W01
 Pitch=+438", Yaw=-18", Roll=0deg
 H.Ang=27deg
 Optical Start
 Peak...c/s=315
 Qual=00
 HXRBS 08:29:05 08:32:09 08:35:43
 Peak...c/s=315
 Qual=03
 Tot Cts=25720
 UVSP 08:31 Wavelength=1375A
 Code=00
 Exp # = 82421

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=10"x10" 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" Pitch=+475", Yaw=-70"
							Step=0"
BGS	17:59	17:59	18:00	CaPeak.c/s=80	Qual=5	Event # = 22232	#Peaks=1 dt= 7.7s XEN=901316
FCS				WaveLength=1375A	Associated	FePeak=17:59	Step=0" Cad=3840s 3840s/pixel
UVSP	17:50						Step=0" Pitch=+440", Yaw=-69"
							Event # = 22233
BGS	18:37	18:37	19:33	CaPeak.c/s=467	Qual=5	Exp #=82442	#Peaks=1 dt= 3.8s XEN=901317
FCS				WaveLength=1375A	Associated	FePeak=18:37	Step=10" Cad= 332s 1.024s/pixel
UVSP	18:35						Step=5" Pitch=+443", Yaw=-58"

Event # = 10180
 89/01/14,01:46 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 Peak...c/s=43
 UVSP 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 Start DOY=14 Peak
 SMM Pointing: S31W09 H. Ang = 28deg
 Pitch = -138", Yaw = -437", Roll = 90deg
 End times
 Optical Ha...Class=1N AR5312 H. Ang = 30deg
 GOES 02:08 03:31 03:59 Importance=M6
 HXRBS 02:57:00 03:08:54 03:16:16 Peak...c/s=339
 BCS 02:30 03:12 03:22 CaPeak.c/s=867
 FCS Wavelength=1375A Code=01 Exp # = 82496
 UVSP Frequency(MHz)/Flux(sfu): 2695/120 8800/310 15400/280
 Radio

Event # = 10182
 89/01/14,04:19 Start DOY=14 Peak
 SMM Pointing: S31W10 H. Ang = 28deg
 Pitch = +439", Yaw = -140", Roll = 0deg
 End times
 Optical Ha...Class=2B AR5312 H. Ang = 29deg
 GOES 04:05 04:19 06:17 Importance=X2
 HXRBS 04:06:42 04:13:43 04:53:24 Peak...c/s=5534
 BCS 04:09 04:18 04:54 CaPeak.c/s=7366
 FCS Wavelength=1375A Code=02 Exp # = 82501
 UVSP Type/Intensity: II/1 IV/1
 Radio Frequency(MHz)/Flux(sfu): 2695/50 8800/350 15400/380
 Associated
 BCS 04:54 04:54 04:55 CaPeak.c/s=22
 UVSP Wavelength=1375A
 Radio Sweeps III/1
 Type/Intensity: ---
 BCS 05:44 05:47 06:28 CaPeak.c/s=268
 FCS Wavelength=1375A
 UVSP Exp # = 82508

Event # = 22236
 89/01/14,07:22 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 Peak...c/s=60
 UVSP Wavelength=1375A
 Qual=00
 Qual=01
 Tot Cts=422
 Exp # = 82519
 MaxkeV=102
 Rast=10"x10" Step=0" Pitch=+456", Yaw=-224"

Event # = 22237
 89/01/14,07:22 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 Peak...c/s=60
 UVSP 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	End times			
GOES				Qual=00			
HXRBS	09:13:39	09:13:44	09:13:50	Peak...c/s=48	Tot Cts=81		
UVSP	08:55			Wavelength=2788A	Exp #=82525		
Event # = 22239		SMM Pointing: S31W12		Pitch=+437", Yaw=-178", Roll=0deg		H. Ang=29deg	
89/01/14, 09:31	Start	DOY=14	Peak	End times			
GOES				Qual=00			
BCS	08:59	09:31	09:36	CaPeak.c/s=139	FePeak=09:30		
FCS					Exp #=82526		
UVSP	09:28			Wavelength=2788A			
Event # = 22240		SMM Pointing: S31W12		Pitch=+437", Yaw=-178", Roll=0deg		H. Ang=29deg	
89/01/14, 11:03	Start	DOY=14	Peak	End times			
GOES				Qual=00			
BCS	10:36	11:03	11:09	CaPeak.c/s=43	FePeak=11:03		
FCS					Exp #=82528		
UVSP	11:03			Wavelength=2788A			
Event # = 22241		SMM Pointing: S31W12		Pitch=+437", Yaw=-178", Roll=0deg		H. Ang=29deg	
89/01/14, 12:40	Start	DOY=14	Peak	End times			
GOES				Qual=00			
BCS	12:40	12:40	12:41	CaPeak.c/s=19	FePeak=12:40		
FCS					Exp #=82530		
UVSP	12:35			Wavelength=2788A			
Event # = 22242		SMM Pointing: S31W15		Pitch=+438", Yaw=-213", Roll=0deg		H. Ang=30deg	
89/01/14, 13:21	Start	DOY=14	Peak	End times			
GOES				Qual=00			
BCS	13:18	13:21	13:27	CaPeak.c/s=41	FePeak=13:18		
FCS					Exp #=82531		
UVSP	13:08			Wavelength=2788A			
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	End times			
Optical				Ha...Class=SF	AR5312		
GOES	13:51	13:56	14:46	Importance=M1			
HXRBS	13:51:27	13:52:38	13:56:04	Peak...c/s=1289	Tot Cts=24851		
BCS	13:46	13:56	14:16	CaPeak.c/s=493	FePeak=13:56		
FCS					Exp #=82532		
UVSP	14:10			Wavelength=2788A			
Radio Frequency (MHz)/Flux(sfu):				4995/230 8800/440 15400/640			

Event # = 22243																						
89/01/14, 15:35	DOY=14	Peak																				
Optical			End times																			
GOES	14:52	15:35	15:41	Ha...Class=SF	N22E20	AR5317																
BGS				CaPeak.c/s=33	Qual=5	FePeak=15:35																
FCS				WaveLength=2788A		Exp #=82534																
UVSP	15:43																					
Event # = 22244																						
89/01/14, 15:47	DOY=14	Peak																				
Optical			End times																			
GOES	15:46	15:47	15:50	CaPeak.c/s=22	Qual=4	FePeak=15:46																
BGS				WaveLength=2788A		Exp #=82534																
FCS																						
UVSP	15:43																					
Event # = 10187																						
89/01/14, 16:43	DOY=14	Peak																				
Optical			End times																			
GOES	16:42:35	16:42:45	16:43:09	SMM Pointing:	S31W16																	
HXRBS	16:25	16:43	17:23	Ha...Class=SF	N22E20	AR5317																
BGS				Peak...c/s=125	Qual=00	Tot Cts=874																
FCS				CaPeak.c/s=55	Qual=01	FePeak=16:43																
UVSP	16:33	16:41		Peak3...c/s=2062	Qual=1	Exp #=82538																
				WaveLength=1375A																		
Event # = 22245																						
89/01/14, 18:34	DOY=14	Peak																				
Optical			End times																			
GOES	18:34	18:34	18:48	Ha...Class=SN	N17E42	AR5321																
BGS				CaPeak.c/s=19	Qual=4	FePeak=18:39																
FCS				WaveLength=1375A		Exp #=82550																
UVSP	18:29																					
Event # = 10188																						
89/01/14, 19:48	DOY=14	Peak																				
Optical			End times																			
GOES	19:40	19:48	20:22	SMM Pointing:	S31W18																	
HXRBS	19:40:02	19:42:44	19:46:19	Ha...Class=1N	N17E44	AR5321																
BGS	19:33	19:39	20:30	Importance=C8	Qual=01	Tot Cts=6834																
FCS				Peak...c/s=108	Qual=01	FePeak=19:33																
UVSP	19:37			CaPeak.c/s=33	Qual=4	Exp #=82555																
				WaveLength=1375A	Code=00																	
				Frequency(MHz)/Flux(sfu):	4995/79																	
Event # = 10189																						
89/01/14, 21:11	DOY=14	Peak																				
Optical			End times																			
GOES	21:10:51	21:11:25	21:15:08	SMM Pointing:	S31W19																	
HXRBS	21:09	21:11	21:15	Ha...Class=SF	N22E17	AR5317																
UVSP				Peak...c/s=92	Qual=01	Tot Cts=3896																
				WaveLength=1375A	Qual=01	Exp #=82564																

Event # = 10190
 89/01/14, 21:48 DOY=14 Peak Start End times
 SMM Pointing: S31W19 H. Ang=32deg
 Pitch=+438", Yaw=-270", Roll=0deg
 Mac.=FKC Carr. Lon.=308deg
 H. Ang=35deg
 Optical
 GOES 21:42 21:48 22:29 S31W24 AR5312
 Ha...Class=SF S31W02
 Importance=M2 Qual=03
 Peak...c/s=1802 Qual=01 Tot Cts=59141
 CaPeak.c/s=1535 Qual=1 FePeak=21:46
 Wavelength=1375A Code=00 Exp #=82568
 Associated Event # = 22246
 CaPeak.c/s=62 Qual=5 FePeak=22:04
 Wavelength=1375A Exp #=82570

Event # = 11427
 89/01/14, 22:42 DOY=14 Peak Start End times
 SMM Pointing: S31W20 H. Ang=32deg
 Pitch=+438", Yaw=-282", Roll=0deg
 Mac.=FKC Carr. Lon.=310deg
 H. Ang=26deg
 Optical
 GOES 22:31 22:42 01:16 S24W26 AR5312
 Ha...Class=SF S31W02
 Importance=X1 Qual=03
 Peak...c/s=653 Qual=02 Tot Cts=1.31E+5
 CaPeak.c/s=5603 Qual=1 FePeak=22:43
 Wavelength=1375A Code=00 Exp #=82571
 Associated Event # = 22247
 CaPeak.c/s=493 Qual=1 FePeak=23:36
 Wavelength=1375A Exp #=82579

Event # = 11428
 89/01/14, 22:55 DOY=14 Peak Start End times
 SMM Pointing: S31W20 H. Ang=32deg
 Pitch=+438", Yaw=-282", Roll=0deg
 MaxkeV=102 Flags=I
 Rast=10"x10" Step=0" Pitch=+422", Yaw=-386"
 Optical
 GOES 00:33 00:44 01:30 S17W48 AR5311
 Ha...Class=SF S17W03
 Importance=M2 Qual=03
 CaPeak.c/s=687 Qual=1 FePeak=00:44
 Wavelength=1375A Code=00 Exp #=82586

Event # = 22248
 89/01/15, 00:44 DOY=15 Peak Start End times
 SMM Pointing: S31W20 H. Ang=32deg
 Pitch=+438", Yaw=-282", Roll=0deg
 MaxkeV=102 Flags=I
 Rast=10"x10" Step=0" Pitch=+422", Yaw=-386"
 Optical
 GOES 00:33 00:44 01:30 S17W48 AR5311
 Ha...Class=SF S17W03
 Importance=M2 Qual=03
 CaPeak.c/s=687 Qual=1 FePeak=00:44
 Wavelength=1375A Code=00 Exp #=82586

Event # = 22249
 89/01/15, 01:54 DOY=15 Peak Start End times
 SMM Pointing: S31W20 H. Ang=32deg
 Pitch=+438", Yaw=-282", Roll=0deg
 MaxkeV=102 Flags=I
 Rast=10"x10" Step=0" Pitch=+422", Yaw=-386"
 Optical
 GOES 01:51 01:54 02:44 S17W48 AR5311
 Ha...Class=SF S17W03
 Importance=M2 Qual=03
 CaPeak.c/s=687 Qual=1 FePeak=01:52
 Wavelength=1375A Code=00 Exp #=82591

Event # = 11515			
89/01/15, 11:50	DOY=15	Start	Peak
SMM Pointing: S31W26 Pitch=+441", Yaw=-372", Roll=0deg H. Ang=36deg			
Optical			
GOES	11:47	11:50	11:55
HXRBS	11:47:06	11:49:40	11:51:53
UVSP	12:00		
Radio Frequency(MHz)/Flux(sfu): 245/580 410/770			
HXRBS 11:45:34 11:46:15 11:46:35 Associated Event # = 11514			
			Qual=01 Tot Cts=445 MaxkeV=144 Flags=I
Event # = 22252			
89/01/15, 12:45	DOY=15	Start	Peak
SMM Pointing: S31W26 Pitch=+441", Yaw=-372", Roll=0deg H. Ang=36deg			
Optical			
GOES	12:43	12:45	12:50
FCS			
UVSP	12:33		
Radio Frequency(MHz)/Flux(sfu): 245/580 410/770			
HXRBS 11:45:34 11:46:15 11:46:35 Associated Event # = 11514			
			Qual=01 Tot Cts=445 MaxkeV=144 Flags=I
Event # = 22253			
89/01/15, 13:02	DOY=15	Start	Peak
SMM Pointing: S31W30 Pitch=+441", Yaw=-395", Roll=0deg H. Ang=37deg			
Optical			
GOES	12:58	13:02	13:38
BGS	13:07	13:08	13:40
FCS			
UVSP	12:33		
Radio Frequency(MHz)/Flux(sfu): 245/140			
HXRBS 11:45:34 11:46:15 11:46:35 Associated Event # = 11514			
			Qual=01 Tot Cts=445 MaxkeV=144 Flags=I
Event # = 22254			
89/01/15, 14:24	DOY=15	Start	Peak
SMM Pointing: S31W30 Pitch=+441", Yaw=-395", Roll=0deg H. Ang=37deg			
Optical			
GOES	14:19	14:24	14:32
BGS	14:16	14:25	15:14
FCS			
UVSP	14:06		
Radio Frequency(MHz)/Flux(sfu): 245/140			
HXRBS 11:45:34 11:46:15 11:46:35 Associated Event # = 11514			
			Qual=01 Tot Cts=445 MaxkeV=144 Flags=I
Event # = 11518			
89/01/15, 15:51	DOY=15	Start	Peak
SMM Pointing: S31W28 Pitch=+441", Yaw=-395", Roll=0deg H. Ang=37deg			
Optical			
GOES	15:46	15:51	16:15
HXRBS	15:48:35	15:50:11	15:54:54
GRS	15:49:00		15:52:00
BGS	15:50	15:52	16:20
FCS			
UVSP	15:54		
Radio Frequency(MHz)/Flux(sfu): 245/140			
HXRBS 11:45:34 11:46:15 11:46:35 Associated Event # = 11514			
			Qual=01 Tot Cts=445 MaxkeV=144 Flags=I

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

Event # = 22259		89/01/15, 23:40		DOY=15		
	Start	End times				
GOES	23:40	00:37	CaPeak.c/s=48	Qual=00	FePeak=23:40	#Peaks=1 dt= 3.8s XEN=901515
BCS	23:40	00:37	WaveLength=1375A	Qual= 5	Exp #=82680	Step=15" Cad= 328s 1.024s/pixel
FCS						Step=5" Pitch=+453", Yaw=-480"
UVSP	23:37					
89/01/16 DOY=16						
Event # = 22260		89/01/16, 01:25		DOY=16		
	Start	End times				
Optical			Ha...Class=SN	S30W10	AR5316	Mac.=CRO Carr. Lon.=279deg H. Ang=27deg
GOES	01:18	01:25	Importance=C2	Qual=01		#Peaks=2 dt= 3.8s XEN=901600
BCS	01:17	01:24	CaPeak.c/s=40	Qual= 1	FePeak=01:24	Step=10" Cad= 590s 1.024s/pixel
FCS						Step=0" Pitch=-514", Yaw=-441"
UVSP	01:18		WaveLength=1375A	Code=00	Exp #=82691	
89/01/16 DOY=16						
Event # = 10201		89/01/16, 03:28		DOY=16		
	Start	End times				
Optical			SMM Pointing:	S31W38		Pitch=+447", Yaw=-512", Roll=0deg H. Ang=44deg
GOES	03:09	03:28	Ha...Class=2B	S31W40	AR5312	Mac.=FKC Carr. Lon.=308deg H. Ang=46deg
HXRBS	03:21:47	03:25:15	Importance=M2	Qual=03		MaxkeV=320
BCS	02:53	03:26	Peak...c/s=1422	Qual=01	Tot Cts=36591	FePeak.c/s=216 dt= 7.7s XEN=901601
FCS			CaPeak.c/s=913	Qual= 1	FePeak=03:26	Step=10" Cad= 590s 1.024s/pixel
UVSP	03:18		WaveLength=1375A	Code=00	Exp #=82704	Step=0" Pitch=+486", Yaw=-469"
Radio			Frequency(MHz)/Flux(sfu):	606/840 2695/52 8800/190 15400/240		
HXRBS	03:17:53	03:18:12	Peak...c/s=409	Qual=01	Tot Cts=3284	Flags=M5
UVSP	03:17		WaveLength=1375A	Code=00	Exp #=82703	Step=10" Pitch=+446", Yaw=-529"
HXRBS	03:19:03	03:19:09	Associated	Qual=01	Tot Cts=286	
89/01/16 DOY=16						
Event # = 10202		89/01/16, 04:55		DOY=16		
	Start	End times				
Optical			SMM Pointing:	S31W39		Pitch=+447", Yaw=-522", Roll=0deg H. Ang=45deg
GOES	04:53	04:55	Ha...Class=SN	N22W03	AR5317	Mac.=DKI Carr. Lon.=270deg H. Ang=27deg
HXRBS	04:52:54	04:53:43	Importance=C6	Qual=01		MaxkeV=144
BCS	04:32	04:59	Peak...c/s=155	Qual=01	Tot Cts=1776	FePeak.c/s=17 dt= 7.7s XEN=901602
FCS			CaPeak.c/s=159	Qual= 1	FePeak=04:56	Step=0" Cad= 1.02s 1.024s/pixel
UVSP	04:43		WaveLength=1375A	Code=00	Exp #=82711	Step=0" Pitch=+477", Yaw=-493"
Radio			Frequency(MHz)/Flux(sfu):	8800/76		
89/01/16, 04:59 DOY=16						
	Start	End times				
GOES	04:32	04:59	CaPeak.c/s=159	Qual=00	FePeak=04:56	#Peaks=2 dt= 7.7s XEN=901602
BCS	04:32	04:59	WaveLength=1375A	Qual= 1	Exp #=82713	Step=0" Cad= 1.02s 1.024s/pixel
FCS						Step=0" Pitch=+477", Yaw=-494"
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	Tot Cts=225			
UVSP	05:09		Wavelength=1375A	Exp # = 82715			
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			
GOES	06:19:52	06:22:04	Importance=M1	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=901604
HXRBS	06:19:52	06:38:14	Peak...c/s=669	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
BCS	06:50	06:51	CaPeak.c/s=43	Rast=10"x10"	Step=0"	Pitch=+442",	Yaw=-503"
FCS	06:28		Wavelength=1375A	Code=00			
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	AR5321	MaxkeV=102			
Optical	07:29	08:15	Ha...Class=SF	FePeak.c/s=12	#Peaks=1	dt= 3.8s	XEN=901605
GOES	07:46:55	07:47:15	Ha...Class=SF	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
HXRBS	07:46:55	07:47:15	Importance=C6	Rast=265"x265"	Step=5"	Pitch=+456",	Yaw=-528"
BCS	07:45	08:25	Peak...c/s=71				
FCS	07:45	08:25	CaPeak.c/s=136				
UVSP	07:41		Wavelength=1375A	Code=02			
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	AR5312	MaxkeV=102			
GOES	09:31:25	09:32:00	Ha...Class=1F	Rast=243"x243"	Step=3"	Pitch=+457",	Yaw=-538"
HXRBS	09:31:25	09:32:58	Importance=M2				
UVSP	09:18		Peak...c/s=48				
Radio	Frequency(MHz)/Flux(sfu):		Wavelength=2788A	Code=00			
Radio	Sweeps	Type/Intensity:	II/2				
Radio	Frequency(MHz)/Flux(sfu):		4995/85	8800/56	15400/130		
HXRBS	09:25:35	09:26:20	Associated	Event # = 10206			
			Qual=01	Tot Cts=448			
Event # = 22262	DOY=16	SMM Pointing:	S31W41	Pitch=+450",	Yaw=-552",	Roll=0deg	H. Ang=47deg
89/01/16, 10:35	Peak	End times	FePeak=10:35	FePeak.c/s=4	#Peaks=1	dt= 3.8s	XEN=901607
GOES	10:35	10:37	Qual=00	Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel
BCS	10:35	10:37	CaPeak.c/s=45	Rast=180"x1"	Step=0"	Pitch=+329",	Yaw=-372"
FCS	10:26		Wavelength=2788A				
UVSP	10:26						

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

Event # = 10214										
89/01/16, 23:18	DOY=16	Peak	SMM Pointing:			S31W48		Pitch=+454", Yaw=-626", Roll=0deg		H. Ang=52deg
GOES			End times			Qual=00		MaxkeV=102		
HXRBS	23:18:22	23:18:47	23:19:11	Peak...c/s=42			Tot Cts=213			
UVSP	23:09			Wavelength=1375A			Exp #=82782		Step=0"	Pitch=+464", Yaw=-670"
Event # = 10215										
89/01/16, 23:39	DOY=16	Peak	SMM Pointing:			S31W48		Pitch=+454", Yaw=-626", Roll=0deg		H. Ang=52deg
GOES			End times			Qual=00		MaxkeV=102		
HXRBS	23:37:59	23:39:18	23:42:42	Peak...c/s=47			Tot Cts=956			
UVSP	23:36			Wavelength=1375A			Exp #=82786		Step=0"	Pitch=+464", Yaw=-673"
Event # = 10216										
89/01/16, 23:51	DOY=16	Peak	SMM Pointing:			S31W48		Pitch=+454", Yaw=-626", Roll=0deg		H. Ang=52deg
GOES			End times			Qual=00		MaxkeV=144		
HXRBS	23:50:58	23:51:23	23:51:41	Peak...c/s=56			Tot Cts=315			
UVSP	23:49			Wavelength=1375A			Exp #=82788		Step=0"	Pitch=+454", Yaw=-674"
Event # = 10217										
89/01/17, 02:27	DOY=17	Peak	SMM Pointing:			S31W49		Pitch=+455", Yaw=-636", Roll=0deg		H. Ang=53deg
GOES	02:24	02:27	02:31	Importance=C7			Qual=01		MaxkeV=102	
HXRBS	02:24:23	02:25:08	02:25:22	Peak...c/s=45			Tot Cts=220		#Peaks=1 dt= 3.8s XEN=901701	
BGS	02:16	02:28	03:07	CaPeak.c/s=114			FePeak=02:26		Step=15" Cad= 328s 1.024s/pixel	
FCS				Wavelength=1375A			Code=00		Step=0" Pitch=+460", Yaw=-686"	
UVSP	02:16			Wavelength=1375A			Exp #=82800			
Event # = 10218										
89/01/17, 04:01	DOY=17	Peak	SMM Pointing:			S31W50		Pitch=+456", Yaw=-646", Roll=0deg		H. Ang=54deg
GOES	03:50	04:01	04:12	Importance=C3			Qual=01		MaxkeV=102	
HXRBS	03:59:29	03:59:42	03:59:53	Peak...c/s=49			Tot Cts=122		#Peaks=2 dt= 7.7s XEN=901702	
UVSP	03:53			Wavelength=1375A			Exp #=82809		Step=0" Cad=1.02s 1.024s/pixel	
Event # = 22272										
89/01/17, 04:23	DOY=17	Peak	SMM Pointing:			S31W52		Pitch=+457", Yaw=-657", Roll=0deg		H. Ang=55deg
GOES	04:20	04:23	04:36	CaPeak.c/s=24			Qual=00		FePeak=04:24	
BGS				Wavelength=1375A			Code=00		Step=0" dt= 7.7s XEN=901702	
FCS				Wavelength=1375A			Exp #=82813		Step=0" Cad=1.02s 1.024s/pixel	
UVSP	04:20			Wavelength=1375A			Exp #=82813		Step=0" Pitch=+461", Yaw=-691"	
Event # = 10219										
89/01/17, 05:41	DOY=17	Peak	SMM Pointing:			S31W52		Pitch=+457", Yaw=-657", Roll=0deg		H. Ang=55deg
Optical			End times			N18E10		Mac.=DAO		H. Ang=25deg
GOES	05:34	05:41	05:49	Ha...Class=18			Qual=01		Carr. Lon.=244deg	
HXRBS	05:34:28	05:35:15	05:40:41	Importance=C9			Qual=11		Flags=DG	
BGS	05:33	05:36	06:07	Peak...c/s=87			Qual= 1		#Peaks=1 dt= 7.7s XEN=901703	
FCS				CaPeak.c/s=42			Code=00		Step=0" Cad=1.02s 1.024s/pixel	
UVSP	05:29			Wavelength=1375A			Exp #=82818		Step=10" Pitch=+462", Yaw=-597"	

Event # = 22273
 89/01/17, 06:09 DOY=17
 Start Peak
 End times
 GOES 06:09 06:12 Qual=00 FePeak=06:09 dt= 7.7s XEN=901704
 BCS 06:09 06:12 CaPeak.c/s=19 Qual= 5 FePeak=06:09 Cad=1.02s 1.024s/pixel
 FCS 06:09 06:12 Wavelength=1375A FePeak.c/s=7 Rast=0"x0" Step=0" Pitch=+462", Yaw=-599"
 UVSP 06:01 06:12 Wavelength=1375A Rast=30"x30" Step=10" FePeak.c/s=7 Rast=30"x30" Step=10" dt= 7.7s XEN=901704
 FePeak.c/s=7 Rast=30"x30" Step=10" Cad=1.02s 1.024s/pixel
 Pitch=+462", Yaw=-599"

Event # = 22274
 89/01/17, 07:18 DOY=17
 Start Peak
 End times
 GOES 07:08 07:18 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 07:08 07:18 Wavelength=1375A Rast=240"x240" Step=10" Pitch=+457", Yaw=-709"
 UVSP 07:06 07:18 Wavelength=1375A Rast=30"x30" Step=10" FePeak.c/s=11
 Type/Intensity: III/I Cad= 590s 1.024s/pixel
 Pitch=+457", Yaw=-709"

Event # = 22275
 89/01/17, 09:21 DOY=17
 Start Peak
 End times
 Optical 09:15 09:37 Ha...Class=S18W03 AR5320 Carr. Lon.=255deg H. Ang=14deg
 GOES 09:15 09:37 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 09:19 09:20 Wavelength=2788A Code=00 Rast=115"x115" Step=5" Pitch=+339", Yaw=-491"
 UVSP 09:20 09:20 Wavelength=2788A Code=00 Rast=180"x1" Step=0" FePeak.c/s=5
 Rast=180"x1" Step=0" Carr. Lon.=255deg H. Ang=14deg
 Mac.=CS0 FePeak.c/s=5 Rast=115"x115" Step=5" dt= 7.7s XEN=901706
 FePeak.c/s=5 Rast=115"x115" Step=5" Cad=1083s 2.048s/pixel
 Pitch=+339", Yaw=-491"

Event # = 22276
 89/01/17, 10:23 DOY=17
 Start Peak
 End times
 GOES 10:18 10:34 Importance=C2 Qual=04 FePeak=10:22 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 10:22 Wavelength=2788A Code=00 Rast=180"x1" Step=0" Pitch=+339", Yaw=-498"
 UVSP 10:51 10:51 Wavelength=2788A Code=00 Rast=180"x1" Step=0" FePeak.c/s=10
 Rast=0"x0" Step=0" dt= 7.7s XEN=901707
 FePeak.c/s=10 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
 Pitch=+339", Yaw=-498"

Event # = 22277
 89/01/17, 10:54 DOY=17
 Start Peak
 End times
 GOES 10:51 11:00 Importance=C3 Qual=01 FePeak=10:54 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 10:54 Wavelength=2788A Code=00 Rast=180"x1" Step=0" Pitch=+339", Yaw=-498"
 UVSP 10:51 10:54 Wavelength=2788A Code=00 Rast=180"x1" Step=0" FePeak.c/s=7
 Rast=0"x0" Step=0" dt= 7.7s XEN=901708
 FePeak.c/s=7 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
 Pitch=+339", Yaw=-498"

Event # = 22278
 89/01/17, 13:58 DOY=17
 Start Peak
 End times
 GOES 13:54 14:08 Importance=C4 Qual=03 FePeak=13:58 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 13:58 Wavelength=2788A Code=02 Rast=180"x1" Step=0" Pitch=+341", Yaw=-511"
 UVSP 13:58 13:58 Wavelength=2788A Code=02 Rast=180"x1" Step=0" FePeak.c/s=8
 Rast=300"x240" Step=15" dt= 3.8s XEN=901709
 FePeak.c/s=8 Rast=300"x240" Step=15" Cad= 328s 1.024s/pixel
 Pitch=+341", Yaw=-511"

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					Wave length=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					Wave length=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					Wave length=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					Wave length=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					Wave length=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					Wave length=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					Wave length=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	
Start	End times	SMM Pointing:	Peak	DOY=18	Peak
89/01/18,00:12		S31W61			
GOES					
HXRBS	00:12:33 00:12:45 00:12:48	Peak...c/s=48			
UVSP	00:05	Wavelength=1375A			
Pitch=+466", Yaw=-731", Roll=0deg H. Ang=63deg					
MaxkeV=102					
Rast=10"x10" Step=0" Pitch=+456", Yaw=-780"					
Tot Cts=88					
Exp #=82892					
Event # = 10223					
89/01/18,00:23		S31W61			
GOES					
HXRBS	00:20 00:23	Importance=C5			
BCS	00:21:08 00:21:20 00:23:37	Peak...c/s=106			
FCS	00:21 00:23	CaPeak.c/s=91			
UVSP	00:20	Wavelength=1375A			
Code=00 Exp #=82894					
Pitch=+466", Yaw=-731", Roll=0deg H. Ang=63deg					
MaxkeV=144					
FePeak.c/s=18 #Peaks=1 dt= 3.8s XEN=901801					
Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel					
Step=0" Pitch=+456", Yaw=-771"					
Tot Cts=1364					
FePeak=00:22					
Event # = 22292					
89/01/18,01:41					
GOES					
BCS	01:39 01:41 01:46	CaPeak.c/s=24			
FCS		Wavelength=1375A			
UVSP	01:39				
Qual=00 FePeak=01:39					
Exp #=82901					
FePeak.c/s=9 #Peaks=1 dt= 7.7s XEN=901802					
Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel					
Step=0" Pitch=-628", Yaw=-542"					
Event # = 22293					
89/01/18,02:28					
GOES					
BCS	02:28 02:32	CaPeak.c/s=18			
FCS		Wavelength=1375A			
UVSP	02:19				
Qual=00 FePeak=02:28					
Exp #=82907					
FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=901803					
Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel					
Step=0" Pitch=-630", Yaw=-543"					
Event # = 10226					
89/01/18,03:48		S31W63			
GOES					
HXRBS	03:47:49 03:48:12 03:48:33	Peak...c/s=44			
UVSP	03:40	Wavelength=1375A			
Qual=00					
Qual=01					
Tot Cts=165					
Exp #=82914					
Pitch=+470", Yaw=-744", Roll=0deg H. Ang=64deg					
MaxkeV=102					
Rast=10"x10" Step=0" Pitch=+533", Yaw=-647"					
Event # = 22547					
89/01/18,03:56					
GOES					
BCS	03:29 03:56 04:06	CaPeak.c/s=171			
FCS		Wavelength=1375A			
UVSP	03:54				
Qual=00					
Qual=1					
FePeak=03:49					
Exp #=82916					
FePeak.c/s=18 #Peaks=1 dt= 7.7s XEN=901804					
Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel					
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	08:08	CaPeak.c/s=1887	Qual=5		
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			
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	Qual=05	Mac. =FKC	H. Ang=69deg
Optical	End times	Importance=M9	Qual=5		
GOES 08:46	11:43	CaPeak.c/s=1668	Qual=5		
HXRBS 09:45	10:20	Wave length=2788A	Code=02		
FCS					
UVSP 09:16					
BCS 10:55	11:54				
FCS					
UVSP 10:50					
Event # = 22297	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	Mac. =FKC	H. Ang=67deg
Optical	End times	Importance=M1	Qual=5		
GOES 11:47	13:13	CaPeak.c/s=284	Qual=5		
HXRBS 12:29	13:27	Wave length=2788A	Code=00		
BCS 12:29					
FCS					
UVSP 12:23					

Event # = 11672		89/01/18,13:16 DOY=18		SMM Pointing: S31W68		Pitch=+473", Yaw=-775", Roll=0deg		H. Ang=68deg	
Start		Peak		End times					
GOES 13:14		13:16		13:28		Importance=C8			
HXRB 13:13:29		13:13:59		13:14:45		Peak...c/s=127		Flags=I	
UVSP 13:22						Wave length=2788A		Step=0"	
				Tot Cts=2050		Code=02		Pitch=+353", Yaw=-594"	
				Exp #=82942					
Event # = 10228		89/01/18,18:26 DOY=18		SMM Pointing: S31W70		Pitch=+475", Yaw=-785", Roll=0deg		H. Ang=70deg	
Start		Peak		End times					
Optical						Ha...Class=3B		Carr. Lon.=257deg	
GOES 18:07		18:26		19:53		Ha...Class=SF		Carr. Lon.=249deg	
HXRB 18:04:05		18:05:44		18:07:52		Importance=X1			
BCS 17:10		18:05		18:08		Peak...c/s=52			
FCS						CaPeak.c/s=51			
UVSP 18:37						Wave length=2788A		#Peaks=3 dt= 7.7s XEN=901816	
Radio Sweeps		Type/Intensity:				Exp #=82970		Step=10" Cad= 590s 1.024s/pixel	
Frequency (MHz)/Flux(sfu):		11/2		245/110 410/73 606/150 15400/830				Step=0" Pitch=+356", Yaw=-607"	
Event # = 10229		89/01/18,18:46 DOY=18		SMM Pointing: S31W70		Pitch=+475", Yaw=-785", Roll=0deg		H. Ang=70deg	
Start		Peak		End times					
GOES 18:44:50		18:46:29		18:47:54		Qual=00			
HXRB 18:50						Qual=01			
UVSP						Peak...c/s=235			
						Wave length=1375A		Step=5" Pitch=+484", Yaw=-780"	
				Tot Cts=12722					
				Exp #=82971					
Event # = 10233		89/01/18,23:26 DOY=18		SMM Pointing: S31W72		Pitch=+477", Yaw=-795", Roll=0deg		H. Ang=72deg	
Start		Peak		End times					
GOES 23:25:41		23:26:15		23:26:24		Qual=00			
HXRB 23:25		23:26		23:30		Qual=01			
BCS 23:26						Qual=1		#Peaks=1 dt= 3.8s XEN=901813	
FCS						Peak...c/s=44		Step=15" Cad= 131s 0.512s/pixel	
UVSP 23:26						CaPeak.c/s=58		Step=5" Pitch=+487", Yaw=-790"	
						Wave length=1375A			
				Exp #=82998					
Event # = 10230		89/01/19,00:02 DOY=19		SMM Pointing: S31W74		Pitch=+480", Yaw=-805", Roll=0deg		H. Ang=74deg	
Start		Peak		End times					
GOES 23:57		00:02		00:23		Qual=01			
HXRB 23:59:02		23:59:13		23:59:46		Qual=01		#Peaks=1 dt= 7.7s XEN=901814	
BCS 23:57		00:01		00:18		Qual=1		Step=15" Cad= 131s 0.512s/pixel	
FCS						Peak...c/s=129		Step=0" Pitch=+490", Yaw=-819"	
UVSP 23:56						CaPeak.c/s=129			
						Wave length=1375A			
				Exp #=83004					
Event # = 22300		89/01/19,01:37 DOY=19		SMM Pointing: S31W51		Pitch=+480", Yaw=-805", Roll=0deg		H. Ang=54deg	
Start		Peak		End times					
Optical						Ha...Class=SF		Carr. Lon.=281deg	
GOES 01:21		01:37		01:56		Qual=00		#Peaks=1 dt= 7.7s XEN=901900	
BCS 01:21		01:37		01:56		Qual=1		Step=15" Cad= 131s 0.512s/pixel	
FCS						Peak...c/s=51		Step=0" Pitch=+466", Yaw=-852"	
UVSP 01:31						CaPeak.c/s=51			
						Wave length=1375A			
				Exp #=83013					

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Event # = 10231
89/01/19, 03:00 DOY=19          Pitch=+480", Yaw=-805", Roll=0deg      H. Ang=74deg
  Start      Peak
GOES 02:37 03:08              S31W74
HXRBs 02:55:07 02:55:25 02:55:44  Importance=C6          Qual=01
BCS   02:57 03:01              Peak...c/s=66          Qual=01
FCS   02:57 03:01              CaPeak.c/s=28          Qual=1
UVSP  02:50                    Wavelength=1375A      Code=00
HXRBs 02:58:30 02:59:03 02:59:24  Peak...c/s=48          Associated
                                         Event # = 10232
                                         Tot Cts=290
                                         MaxkeV=102
                                         dt= 7.7s XEN=901901
                                         Cad=1.02s 1.024s/pixel
                                         Step=0"  Pitch=+451", Yaw=-864"
                                         Rast=10"x10"
                                         #Peaks=1
                                         FePeak.c/s=7
                                         Rast=10"x10"
                                         Step=0"

-----
Event # = 10232
89/01/19, 09:17 DOY=19          Pitch=+484", Yaw=-815", Roll=0deg      H. Ang=76deg
  Start      Peak
GOES 09:14 09:32              S31W77
HXRBs 09:13:50 09:14:39 09:15:32  Importance=C4          Qual=01
BCS   09:07 09:29              Peak...c/s=174        Qual=01
FCS   09:07 09:29              CaPeak.c/s=79         Qual=1
UVSP  08:50                    Wavelength=2788A      Code=00
Radio  Frequency(MHz)/Flux(sfu): 2695/190
                                         Tot Cts=3442
                                         FePeak=09:15
                                         Exp #=83043
                                         #Peaks=2 dt= 7.7s XEN=901902
                                         Step=15" Cad= 131s 0.512s/pixel
                                         Step=3" Pitch=+493", Yaw=-808"
                                         Rast=240"x240"
                                         Rast=243"x243"
                                         Step=3"

-----
Event # = 10233
89/01/19, 12:04 DOY=19          Pitch=+488", Yaw=-825", Roll=0deg      H. Ang=79deg
  Start      Peak
GOES 12:04:00 12:04:12 12:04:30  S31W80
HXRBs 12:04:00 12:04:12 12:04:30  Importance=C4          Qual=00
UVSP  11:49                    Peak...c/s=41         Qual=01
                                         Wavelength=2788A
                                         Tot Cts=156
                                         Exp #=83047
                                         Step=0" Pitch=+367", Yaw=-640"
                                         Rast=180"x1"
                                         MaxkeV=102
                                         FePeak.c/s=16 #Peaks=1 dt= 7.7s XEN=901903
                                         Rast=240"x240" Step=15" Cad= 131s 0.512s/pixel
                                         Rast=180"x1" Step=0" Pitch=+368", Yaw=-641"
                                         Exp #=83048

-----
Event # = 10234
89/01/19, 12:27 DOY=19          Pitch=+488", Yaw=-825", Roll=0deg      H. Ang=79deg
  Start      Peak
GOES 12:01 12:27              S31W80
BCS   12:01 12:27              CaPeak.c/s=90         Qual=00
FCS   12:01 12:27              Wavelength=2788A
UVSP  12:47                    SMM Pointing:
                                         Tot Cts=202
                                         Exp #=83048
                                         Step=0" Pitch=+368", Yaw=-641"
                                         Rast=180"x1"
                                         MaxkeV=102
                                         FePeak=13:30
                                         Exp #=83049
                                         #Peaks=1 dt= 7.7s XEN=901904
                                         Step=0" Cad=1.02s 1.024s/pixel
                                         Step=0" Pitch=+368", Yaw=-642"
                                         Rast=180"x1"

-----
Event # = 22298
89/01/19, 13:27 DOY=19
  Start      Peak
GOES 13:27 13:37              S31W80
BCS   13:27 13:37              CaPeak.c/s=18         Qual=00
FCS   13:27 13:37              Wavelength=2788A
UVSP  13:21                    SMM Pointing:
                                         Tot Cts=202
                                         Exp #=83048
                                         Step=0" Pitch=+368", Yaw=-641"
                                         Rast=180"x1"
                                         MaxkeV=102
                                         FePeak=13:30
                                         Exp #=83049
                                         #Peaks=1 dt= 7.7s XEN=901904
                                         Step=0" Cad=1.02s 1.024s/pixel
                                         Step=0" Pitch=+368", Yaw=-642"
                                         Rast=180"x1"

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Event # = 10237	89/01/19, 14:16	DOY=19	Start	Peak		SMM Pointing:	S31W80		Pitch=+488", Yaw=-825", Roll=0deg	H. Ang=79deg
GOES					Qual=00					
HXRBS	14:14:48	14:14:55	14:15:10	14:15:10	Peak...c/s=53		Tot Cts=141		MaxkeV=102	
BCS	14:15	14:16	14:18	14:18	CaPeak.c/s=27		FePeak=14:15		FePeak.c/s=7	#Peaks=1
FCS									Rast=0"x0"	dt= 7.7s
UVSP	14:19				WaveLength=2788A		Exp #=83050		Rast=180"x1"	XEN=901905
									Cad=1.02s	Cad=1.02s
									Pitch=+368"	Pitch=+368"
										Yaw=-643"
Event # = 10238	89/01/19, 15:33	DOY=19	Start	Peak		SMM Pointing:	S31W88		Pitch=+500", Yaw=-836", Roll=0deg	H. Ang=86deg
GOES					Qual=00					
HXRBS	15:32:59	15:33:14	15:33:39	15:33:39	Peak...c/s=46		Tot Cts=284		MaxkeV=102	
BCS	15:28				WaveLength=1375A		Exp #=83055		Rast=110"x200"	Step=5"
										Pitch=+539", Yaw=-851"
Event # = 22299	89/01/19, 15:50	DOY=19	Start	Peak						
GOES					Qual=00					
BCS	15:00	15:50	15:59	15:59	CaPeak.c/s=56		FePeak=15:47		FePeak.c/s=7	#Peaks=3
FCS							Exp #=83057		Rast=240"x240"	dt= 7.7s
UVSP	15:53				WaveLength=2788A				Rast=180"x1"	Cad= 131s
										XEN=901906
										Step=15"
										Pitch=+379", Yaw=-651"
Event # = 10242	89/01/19, 17:15	DOY=19	Start	Peak		SMM Pointing:	S31W88		Pitch=+500", Yaw=-836", Roll=0deg	H. Ang=86deg
Optical										
GOES	17:00	17:15	17:42	17:42	Ha...Class=SF		AR5321		Mac.=DAO	Carr. Lon.=248deg
HXRBS	17:22:10	17:22:18	17:22:46	17:22:46	Importance=C4				MaxkeV=102	
BCS	16:34	17:24	17:33	17:33	Peak...c/s=35		Tot Cts=103		FePeak.c/s=8	#Peaks=3
FCS					CaPeak.c/s=46		FePeak=17:23		Rast=0"x0"	dt= 3.8s
UVSP	17:01				WaveLength=1375A	Code=00	Exp #=83062		Rast=110"x200"	XEN=901907
										Cad=1.02s
										Pitch=+504", Yaw=-851"
Event # = 22301	89/01/19, 18:09	DOY=19	Start	Peak						
GOES					Qual=00					
BCS	18:07	18:09	18:16	18:16	CaPeak.c/s=20		FePeak=18:10		FePeak.c/s=7	#Peaks=1
FCS							Exp #=83066		Rast=0"x0"	dt= 7.7s
UVSP	18:14				WaveLength=1375A	Qual= 5			Rast=265"x265"	XEN=901908
										Cad=1.02s
										Pitch=+507", Yaw=-823"
Event # = 10239	89/01/19, 18:23	DOY=19	Start	Peak		SMM Pointing:	S31W88		Pitch=+500", Yaw=-836", Roll=0deg	H. Ang=86deg
GOES					Qual=01					
HXRBS	18:20:38	18:20:54	18:21:12	18:21:12	Importance=C3		Tot Cts=309		MaxkeV=102	
BCS	18:22	18:23	18:26	18:26	Peak...c/s=48		FePeak=18:22		FePeak.c/s=8	#Peaks=1
FCS					CaPeak.c/s=34	Qual= 4	Exp #=83067		Rast=0"x0"	dt= 7.7s
UVSP	18:16				WaveLength=1375A	Code=00			Rast=110"x200"	XEN=901909
										Cad=1.02s
										Pitch=+534", Yaw=-851"

Event #	Start	End times	SMM Pointing:	Pitch	Yaw	Roll	Angle
89/01/19, 10243	21:40	21:41:10	S31W88	+500"	-836"	0deg	86deg
G0ES	21:40:58	21:41:10	Qual=00				
HXRBS	21:40:48	21:41:10	Peak...c/s=37	MaxkeV=102			
UVSP	21:39	21:41:10	Wavelength=1375A	Rast=110"x200"	Step=5"		Pitch=-851"
Event #	Start	End times	Qual	FePeak	Exp	#Peaks	dt
89/01/19, 22302	23:10	23:12	Qual=00	23:09		1	7.7s
G0ES	23:09	23:12	Qual=4			1	
BGS	23:10	23:12	CaPeak.c/s=20	FePeak=23:09		1	
FCS	23:09	23:12	Wavelength=1375A	Exp #=83083		1	
UVSP	23:09	23:12				1	
Event #	Start	End times	Qual	FePeak	Exp	#Peaks	dt
89/01/20, 22303	01:20	01:20	Qual=01	01:17		2	7.7s
G0ES	01:18	01:20	Qual=1			2	
BGS	01:03	01:18	Importance=C3	FePeak=01:17		2	
FCS	01:03	01:18	CaPeak.c/s=42			2	
UVSP	01:06	01:20	Wavelength=1375A	Exp #=83094		2	
Event #	Start	End times	Qual	FePeak	Exp	#Peaks	dt
89/01/20, 10240	02:00	02:01	Qual=00	02:01		1	3.8s
G0ES	02:00	02:01	Qual=5			1	
BGS	02:00	02:01	CaPeak.c/s=58	FePeak=02:01		1	
FCS	02:00	02:01	Wavelength=1375A	Exp #=83097		1	
UVSP	01:57	02:01				1	
Event #	Start	End times	Qual	FePeak	Exp	#Peaks	dt
89/01/20, 22305	04:13	04:13	Qual=01	04:17		1	3.8s
G0ES	04:13	04:13	Qual=1			1	
BGS	04:15	04:18	Importance=C5	FePeak=04:17		1	
FCS	04:15	04:18	CaPeak.c/s=134			1	
UVSP	04:13	04:18	Wavelength=1375A	Exp #=83110		1	

Event # = 10241		DOY=20		End times			
89/01/20,06:02	Start	06:15	Peak	06:15	End times		
GOES 05:58		06:02		06:15			
HXRBS 05:54:15	Importance=C4	05:54:43	Peak...c/s=101	05:55:32	Qual=02		
UVSP 06:02	Wavelength=1375A	06:02	Code=02		Qual=01		
Radio Sweeps	Type/Intensity:						
Radio Frequency(MHz)/Flux(sfu):	11/1						
	245/240						
Event # = 22306		DOY=20		End times			
89/01/20,13:07	Start	13:17	Peak	13:17	End times		
GOES 12:54		13:07		13:17			
BCS 12:54	CaPeak.c/s=30	13:07	Code=00		Qual=00		
FCS 12:43	Wavelength=2788A	13:07	Code=01		Qual=1		
UVSP 12:43		13:07	Code=01		Qual=1		
Event # = 10244		DOY=20		End times			
89/01/20,14:35	Start	14:35	Peak	14:35	End times		
Optical 14:18		14:35		14:55			
GOES 14:18	Ha...Class=SF	14:35	Code=01	14:33:16	Qual=04		
HXRBS 14:28:16	Importance=C6	14:32:03	Code=01	14:33:16	Qual=01		
UVSP 14:18	Peak...c/s=46	14:32:03	Code=01	14:33:16	Code=01		
	Wavelength=2788A	14:32:03	Code=01	14:33:16	Code=01		
Event # = 10245		DOY=20		End times			
89/01/20,15:12	Start	15:12	Peak	15:12	End times		
Optical 15:09:30		15:12:00		15:13:16			
GOES 15:09:30	Ha...Class=SN	15:12:00	Code=01	15:13:16	Qual=04		
HXRBS 15:18	Peak...c/s=102	15:12:00	Code=01	15:13:16	Qual=01		
UVSP 15:18	Wavelength=2788A	15:12:00	Code=01	15:13:16	Code=01		
Event # = 10246		DOY=20		End times			
89/01/20,15:23	Start	15:23	Peak	15:23	End times		
Optical 15:22:45		15:23:02		15:23:10			
GOES 15:22:45	Ha...Class=1F	15:23:02	Code=00	15:23:10	Qual=02		
HXRBS 15:18	Peak...c/s=38	15:23:02	Code=00	15:23:10	Qual=01		
UVSP 15:18	Wavelength=2788A	15:23:02	Code=00	15:23:10	Code=00		
Radio Frequency(MHz)/Flux(sfu):	4995/71	15:23:02	Code=00	15:23:10	Code=00		
Event # = 10247		DOY=20		End times			
89/01/20,15:58	Start	15:58	Peak	15:58	End times		
Optical 15:10		15:58		17:06			
GOES 15:10	Ha...Class=1F	15:58	Code=00	17:06	Qual=04		
HXRBS 15:54:46	Importance=M8	15:55:41	Code=00	16:02:07	Qual=12		
BCS 15:58	Peak...c/s=1196	15:55:41	Code=00	16:02:07	Qual=12		
FCS 15:58	CaPeak.c/s=4743	15:58	Code=00	16:14	Qual=5		
UVSP 15:52	Wavelength=2788A	15:58	Code=00	16:14	Qual=5		
	Associated	15:58	Code=00	16:14	Qual=5		
BCS 16:14	CaPeak.c/s=221	16:14	Code=00	16:46	Qual=5		
FCS 16:14		16:14	Code=00	16:46	Qual=5		
Event # = 10241		DOY=20		End times			
89/01/20,06:02	Start	06:15	Peak	06:15	End times		
GOES 05:58		06:02		06:15			
HXRBS 05:54:15	Importance=C4	05:54:43	Peak...c/s=101	05:55:32	Qual=02		
UVSP 06:02	Wavelength=1375A	06:02	Code=02		Qual=01		
Radio Sweeps	Type/Intensity:						
Radio Frequency(MHz)/Flux(sfu):	11/1						
	245/240						
Event # = 22306		DOY=20		End times			
89/01/20,13:07	Start	13:17	Peak	13:17	End times		
GOES 12:54		13:07		13:17			
BCS 12:54	CaPeak.c/s=30	13:07	Code=00		Qual=00		
FCS 12:43	Wavelength=2788A	13:07	Code=01		Qual=1		
UVSP 12:43		13:07	Code=01		Qual=1		
Event # = 10244		DOY=20		End times			
89/01/20,14:35	Start	14:35	Peak	14:35	End times		
Optical 14:18		14:35		14:55			
GOES 14:18	Ha...Class=SF	14:35	Code=01	14:33:16	Qual=04		
HXRBS 14:28:16	Importance=C6	14:32:03	Code=01	14:33:16	Qual=01		
UVSP 14:18	Peak...c/s=46	14:32:03	Code=01	14:33:16	Code=01		
	Wavelength=2788A	14:32:03	Code=01	14:33:16	Code=01		
Event # = 10245		DOY=20		End times			
89/01/20,15:12	Start	15:12	Peak	15:12	End times		
Optical 15:09:30		15:12:00		15:13:16			
GOES 15:09:30	Ha...Class=SN	15:12:00	Code=01	15:13:16	Qual=04		
HXRBS 15:18	Peak...c/s=102	15:12:00	Code=01	15:13:16	Qual=01		
UVSP 15:18	Wavelength=2788A	15:12:00	Code=01	15:13:16	Code=01		
Event # = 10246		DOY=20		End times			
89/01/20,15:23	Start	15:23	Peak	15:23	End times		
Optical 15:22:45		15:23:02		15:23:10			
GOES 15:22:45	Ha...Class=1F	15:23:02	Code=00	15:23:10	Qual=02		
HXRBS 15:18	Peak...c/s=38	15:23:02	Code=00	15:23:10	Qual=01		
UVSP 15:18	Wavelength=2788A	15:23:02	Code=00	15:23:10	Code=00		
Radio Frequency(MHz)/Flux(sfu):	4995/71	15:23:02	Code=00	15:23:10	Code=00		
Event # = 10247		DOY=20		End times			
89/01/20,15:58	Start	15:58	Peak	15:58	End times		
Optical 15:10		15:58		17:06			
GOES 15:10	Ha...Class=1F	15:58	Code=00	17:06	Qual=04		
HXRBS 15:54:46	Importance=M8	15:55:41	Code=00	16:02:07	Qual=12		
BCS 15:58	Peak...c/s=1196	15:55:41	Code=00	16:02:07	Qual=12		
FCS 15:58	CaPeak.c/s=4743	15:58	Code=00	16:14	Qual=5		
UVSP 15:52	Wavelength=2788A	15:58	Code=00	16:14	Qual=5		
	Associated	15:58	Code=00	16:14	Qual=5		
BCS 16:14	CaPeak.c/s=221	16:14	Code=00	16:46	Qual=5		
FCS 16:14		16:14	Code=00	16:46	Qual=5		

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 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 MaxkeV=187
 BCS 23:46 23:46 23:49 Importance=C4 Qual=05 FePeak.c/s=11 dt= 3.8s XEN=902009
 FCS 23:46 23:46 23:49 Peak...c/s=122 Qual=01 Tot Cts=807
 UVSP 23:48 Wavelength=1375A Code=02 Qual=5 FePeak=23:46 Step=15" Cad= 131s
 Exp #=83178 Rast=265" x265" 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	MaxkeV=102 dt= 7.7s XEN=902100
FCS		CaPeak.c/s=75	Qual=1	FePeak=00:38	Rast=240"x240" Cad= 131s 0.512s/pixel
UVSP	00:29	WaveLength=1375A	Code=00	Exp #=83183	Rast=110" x200" Pitch=+504", Yaw=-851"
Radio Sweeps	Type/Intensity:	II/I III/I			
Event # = 22310					
89/01/21,02:19	DOY=21 Peak				
GOES	02:08 02:19	Importance=C5	Qual=03	FePeak=02:13	dt= 7.7s XEN=902101
BCS	02:10 02:18	CaPeak.c/s=25	Qual=1		Cad=1.02s 1.024s/pixel
FCS		WaveLength=1375A	Code=00	Exp #=83192	Pitch=+507", Yaw=-823"
UVSP	02:18				
Event # = 22311					
89/01/21,02:59	DOY=21 Peak				
GOES	02:50 03:35	Importance=C6	Qual=04	FePeak=03:07	dt= 7.7s XEN=902102
BCS	03:05 03:08	CaPeak.c/s=33	Qual=1		Cad=1083s 2.048s/pixel
FCS		WaveLength=2788A	Code=00	Exp #=83194	Pitch=-823", Yaw=+408"
UVSP	02:58				
Event # = 10255					
89/01/21,03:46	DOY=21 Peak				
Optical		SMM Pointing:	N22W66		Pitch=-830", Yaw=+395", Roll=90deg
GOES	03:44 03:46	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	MaxkeV=102
		WaveLength=2788A	Code=00	Exp #=83194	Rast=243"x243" Pitch=-823", Yaw=+408"
Event # = 22312					
89/01/21,04:54	DOY=21 Peak				
GOES	04:49 05:07	CaPeak.c/s=23	Qual=00	FePeak=04:51	dt= 7.7s XEN=902103
BCS	04:49 04:54	WaveLength=1375A	Qual=4	Exp #=83197	Cad=1.02s 1.024s/pixel
FCS					Pitch=-376", Yaw=-875"
UVSP	04:33				
Event # = 10256					
89/01/21,07:09	DOY=21 Peak				
GOES	06:51 07:09	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:	N22W73	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	dt= 3.8s XEN=902105
BCS 09:58	10:03	10:07	CaPeak.c/s=103	Exp #=83215	Cad= 131s 0.512s/pixel
FCS			Wavelength=2788A		Step=0" Pitch=-512", Yaw=-667"
UVSP 10:01					
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 Carr.Lon.=130deg
GOES 16:10	16:15	16:30	Importance=C8	Tot Cts=649	MaxkeV=102
HXRBS 16:10:51	16:11:29	16:12:04	Peak...c/s=67	FePeak=16:15	dt= 7.7s XEN=902106
BCS 15:41	16:17	16:21	CaPeak.c/s=155	Exp #=83223	Cad= 131s 0.512s/pixel
FCS			Wavelength=2788A		Step=0" Pitch=-382", Yaw=-864"
UVSP 16:16					

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

89/01/22 00Y=22

Event # = 10265
 89/01/22,01:37 D0Y=22 SMM Pointing: Pitch=-382",Yaw=-881",Roll=0deg H.Ang=79deg
 Start Peak
 GOES 01:33 01:37 01:46 Qual=01
 HXRBS 01:32:20 01:33:20 01:33:58 Importance=C5
 BCS 01:33 01:36 01:43 Peak...c/s=68
 FCS 01:33 01:36 01:43 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: Pitch=-382",Yaw=-881",Roll=0deg H.Ang=79deg
 Start Peak
 GOES 02:55 03:03 03:21 Qual=01
 HXRBS 02:54:34 02:55:30 03:01:22 Importance=M1
 UVSP 03:13 02:55:30 03:01:22 Peak...c/s=321
 Radio Frequency(MHz)/Flux(sfu): Wavelength=2788A 245/52
 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: 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
 MaxkeV=102
 Rast=110"x200" Step=5" Pitch=-338",Yaw=-906"

Event # = 10268
 89/01/22,11:01 D0Y=22 SMM Pointing: 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
 Qual=00
 Qual=01
 Tot Cts=65
 Exp #=83284
 MaxkeV=102
 Rast=180"x1" Step=0" Pitch=-238",Yaw=-894"

Event # = 10269
 89/01/22,11:04 D0Y=22 SMM Pointing: 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
 Qual=00
 Qual=01
 Tot Cts=137
 Exp #=83284
 MaxkeV=102
 Rast=180"x1" Step=0" Pitch=-238",Yaw=-894"

Event # = 22317
 89/01/22,13:05 D0Y=22 SMM Pointing: Mac.=HSX Carr.Lon.=155deg H.Ang=39deg
 Start Peak
 Optical N22E29 AR5324
 GOES 12:43 13:05 13:45 Ha...Class=SF
 BCS 13:14 13:14 13:18 Importance=M2
 FCS 13:07 13:14 13:18 CaPeak.c/s=28
 UVSP 13:07 13:07 13:18 Wavelength=2788A Code=02
 Radio Frequency(MHz)/Flux(sfu): 606/91 4995/52
 FePeak.c/s=6 #Peaks=1 dt= 7.7s XEN=902201
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
 Step=0" Pitch=-236",Yaw=-896"
 Rast=180"x1"

Event # = 10270	DOY=22	Peak	End times	SMM Pointing:	N22W84	AR5317	Pitch=-371", Yaw=-901", Roll=0deg	H. Ang=86deg
89/01/22, 13:52				Ha...Class=SN				
Optical				Ha...Class=SF	N20W88		Mac. =FKI	
Optical				Ha...Class=SF	S16W69		Carr. Lon.=271deg	H. Ang=90deg
GOES	13:45	13:52	14:08	Importance=C6	N16E51		Carr. Lon.=252deg	H. Ang=68deg
HXRBS	13:45:41	13:47:05	13:50:20	CaPeak.c/s=81	Qual=03		Carr. Lon.=132deg	H. Ang=55deg
BCS	13:45	13:49	14:07	Peak...c/s=288	Qual=01			
FCS				Wavelength=2788A	Qual=1			
UVSP	14:07							
Event # = 10272	DOY=22	Peak	End times	SMM Pointing:	N22W84		Pitch=-371", Yaw=-901", Roll=0deg	H. Ang=86deg
89/01/22, 15:00				Importance=C5				
GOES	14:40	15:00	15:13	Peak...c/s=41	Qual=04		MaxkeV=102	
HXRBS	14:57:41	14:58:02	14:58:27	Wavelength=2788A	Code=01		Rast=180"x1"	
UVSP	14:41			Associated			Step=0" Pitch=-230", Yaw=-899"	
				Peak...c/s=52	Qual=01		MaxkeV=102	
HXRBS	14:56:00	14:56:12	14:56:21					
Event # = 10273	DOY=22	Peak	End times	SMM Pointing:	N22W85		Pitch=-364", Yaw=-905", Roll=0deg	H. Ang=87deg
89/01/22, 21:35				Peak...c/s=51				
GOES	21:34:37	21:35:00	21:35:25	Wavelength=1375A	Qual=00		MaxkeV=102	
HXRBS	21:27				Qual=01		Rast=110"x200"	
UVSP							Step=5" Pitch=-340", Yaw=-919"	
Event # = 22318	DOY=22	Peak	End times	Ha...Class=SN	N16E46	AR5329	Mac. =DSI	H. Ang=50deg
89/01/22, 22:17				Importance=C9	Qual=05		FePeak.c/s=9	
Optical	22:09	22:17	23:06	CaPeak.c/s=137	Qual=5		Rast=240"x240"	
GOES	22:36	22:37	22:59	Wavelength=1375A	Code=01		Step=15" Cad= 131s	XEN=902203
BCS							Step=5" Pitch=-357", Yaw=-891"	
FCS								
UVSP	22:07							
Event # = 10274	DOY=22	Peak	End times	SMM Pointing:	N22W85		Pitch=-364", Yaw=-905", Roll=0deg	H. Ang=87deg
89/01/22, 22:43				Peak...c/s=44				
GOES	22:43:32	22:43:42	22:43:57	Wavelength=1375A	Qual=00		MaxkeV=102	
HXRBS	22:40				Qual=01		Rast=110"x200"	
UVSP							Step=5" Pitch=-345", Yaw=-919"	
Event # = 22319	DOY=22	Peak	End times	Importance=C3	Qual=01		FePeak.c/s=14	#Peaks=1 dt= 7.7s
89/01/22, 23:23				CaPeak.c/s=41	Qual=3		Rast=240"x240"	XEN=902204
GOES	23:21	23:23	23:32	Wavelength=1375A	Code=00		Step=15" Cad= 131s	0.512s/pixel
BCS	23:23	23:26	23:30				Step=5" Pitch=-330", Yaw=-919"	
FCS								
UVSP	23:19							

89/01/23 DOY=23

Event # = 10275
 89/01/23, 01:22 DOY=23
 Start Peak End times
 SMM Pointing: N22W85 Pitch=-364", Yaw=-905", Roll=0deg H. Ang=87deg
 Ha...Class=1N N16E47 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
 89/01/23, 02:04 DOY=23
 Start Peak End times
 SMM Pointing: N21W85 Pitch=-363", Yaw=-905", Roll=0deg H. Ang=87deg
 Ha...Class=1F N16E46 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
 MaxkeV=102
 Rast=110"x200" Step=5" Pitch=-345", Yaw=-919"
 Tot Cts=1174
 Exp #=83330
 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
 MaxkeV=102
 Rast=110"x200" Step=5" Pitch=-345", Yaw=-919"
 Tot Cts=134
 Exp #=83328
 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
 MaxkeV=102
 Rast=110"x200" Step=5" Pitch=-345", Yaw=-919"
 Tot Cts=248
 Exp #=83328

Event # = 10279
 89/01/23, 02:28 DOY=23
 Start Peak End times
 SMM Pointing: N21W85 Pitch=-363", Yaw=-905", Roll=0deg H. Ang=87deg
 Ha...Class=1F N16E46 Carr. Lon.=131deg H. Ang=50deg
 Importance=M1 Qual=01
 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 Associated
 Event # = 10280
 MaxkeV=102
 Rast=110"x200" Step=5" Pitch=-335", Yaw=-919"
 Tot Cts=209
 Exp #=83332

Event # = 10280
 89/01/23, 03:31 DOY=23
 Start Peak End times
 SMM Pointing: N17E46 Pitch=-352", Yaw=+670", Roll=0deg H. Ang=51deg
 Ha...Class=1F N17E46 Carr. Lon.=131deg H. Ang=50deg
 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
 MaxkeV=102
 FePeak.c/s=8 #Peaks=2 dt= 7.7s XEN=902300
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
 Tot Cts=161
 FePeak=03:36
 Exp #=83334

Event # = 10281
 89/01/23, 03:43 DOY=23
 Start Peak End times
 SMM Pointing: N17E46 Pitch=-352", Yaw=+670", Roll=0deg H. Ang=51deg
 Ha...Class=1F N17E46 Carr. Lon.=131deg H. Ang=50deg
 Importance=C4 Qual=01
 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
 MaxkeV=102
 Rast=180"x1" Step=0" Pitch=-218", Yaw=+594"
 Tot Cts=103
 Exp #=83335

Event # = 22320
 89/01/23, 04:06 DOY=23
 Start Peak End times
 SMM Pointing: N17E46 Pitch=-352", Yaw=+670", Roll=0deg H. Ang=51deg
 Ha...Class=1F N17E46 Carr. Lon.=131deg H. Ang=50deg
 Importance=C4 Qual=01
 GOES 03:52 04:06 04:13 CaPeak.c/s=30 Qual=00
 BCS 03:52 04:06 04:13 Wavelength=2788A Qual=1
 FCS 04:07
 UVSP 04:07
 MaxkeV=102
 Rast=180"x1" Step=0" Pitch=-218", Yaw=+594"
 FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=902301
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
 Tot Cts=103
 Exp #=83335

Event # = 10283		89/01/24		DOY=24	
89/01/24, 18:55	Start	DOY=24	Peak	S06W00	
Optical	End times	SMM Pointing:			Pitch=-1", Yaw=-1", Roll=0deg
GOES		Ha...Class=SF		AR5329	Mac.=FKI Carr. Lon.=133deg
HXRBS	18:55:32 18:55:47 18:56:40	Peak...c/s=46		Tot Cts=389	MaxkeV=102
Event # = 10286					
89/01/24, 21:43	Start	DOY=24	Peak	S24E90	
Optical	End times	SMM Pointing:			Pitch=+3", Yaw=+983", Roll=0deg
GOES		Code=BSL			Carr. Lon.=63deg
HXRBS	21:43:08 21:43:13 21:43:58	Peak...c/s=42		Tot Cts=138	MaxkeV=102
Radio	Frequency(MHz)/Flux(stu):	245/320			
Event # = 10284					
89/01/24, 23:10	Start	DOY=24	Peak	N17E22	
Optical	End times	SMM Pointing:			Pitch=-373", Yaw=+347", Roll=0deg
GOES	23:00 23:10 23:18	Ha...Class=1N		AR5329	Mac.=EKI Carr. Lon.=131deg
HXRBS	23:00:41 23:04:51 23:13:41	Importance=M1		Tot Cts=18073	MaxkeV=144
BCS	22:55 23:06 23:46	Peak...c/s=239		FePeak=1	dt= 7.7s XEN=902400
FCS		CaPeak.c/s=620		Rast=240"x240"	Step=10" Cad= 590s
Radio Sweeps	Type/Intensity:	V/3			
BCS	23:46 23:46 23:47	CaPeak.c/s=23		Associated Event # = 22321	
FCS				Qual= 5 FePeak=23.46	#Peaks=1 dt= 7.7s XEN=902401
				Rast=0"x0"	Step=0" Cad=3840s
Event # = 10285					
89/01/24, 23:32	Start	DOY=24	Peak	N17E22	
Optical	End times	SMM Pointing:			Pitch=-373", Yaw=+347", Roll=0deg
GOES	23:29 23:32 23:41	Importance=C9			MaxkeV=102
HXRBS	23:28:21 23:30:49 23:31:52	Peak...c/s=61		Tot Cts=1730	
Event # = 10287					
89/01/25, 01:05	Start	DOY=25	Peak	N17E21	
Optical	End times	SMM Pointing:			Pitch=-375", Yaw=+337", Roll=0deg
GOES		Ha...Class=SF			MaxkeV=102
HXRBS	01:05:00 01:05:11 01:05:18	Peak...c/s=102		Tot Cts=317	
Event # = 10288					
89/01/25, 02:53	Start	DOY=25	Peak	N17E20	
Optical	End times	SMM Pointing:			Pitch=-375", Yaw=+325", Roll=0deg
GOES		Ha...Class=SF			MaxkeV=102
HXRBS	02:53:13 02:53:28 02:53:48	Peak...c/s=42		Tot Cts=139	
Event # = 22322					
89/01/25, 05:41	Start	DOY=25	Peak	Qual=00	
Optical	End times	SMM Pointing:		Qual= 4	
GOES		CaPeak.c/s=25		FePeak=05:34	
HXRBS	05:34 05:41 05:47	Peak...c/s=25		FePeak=1 dt= 7.7s	XEN=902500
BCS				Rast=0"x0"	Step=0" Cad=1.02s
FCS					

Event # = 22323		DOY=25													
89/01/25,05:57	Start	05:57	Peak												
GOES	05:52	06:06	End times												
BCS	05:55	06:09	End times												
FCS															
Radio Sweeps		Type/Intensity: III/I													
Event # = 22324		DOY=25													
89/01/25,06:55	Start	06:55	Peak												
Optical															
GOES	06:43	07:10	End times												
BCS	06:49	07:05	End times												
FCS															
Event # = 10292		DOY=25													
89/01/25,07:13	Start	07:13	Peak												
Optical															
GOES	07:10	07:22	End times												
HXRBS	07:08:46	07:10:16	07:12:54												
Event # = 11285		DOY=25													
89/01/25,09:11	Start	09:11	Peak												
Radio															
GOES	09:09	09:15	End times												
HXRBS	09:09:08	09:09:30	09:10:00												
Radio															
Event # = 10289		DOY=25													
89/01/25,10:09	Start	10:09	Peak												
Radio															
GOES	10:06	10:12	End times												
HXRBS	10:07:29	10:07:38	10:07:52												
Radio															
Event # = 22325		DOY=25													
89/01/25,10:30	Start	10:30	Peak												
Radio															
GOES	10:20	10:30	End times												
BCS	10:29	10:29	End times												
FCS															
Event # = 10290		DOY=25													
89/01/25,11:41	Start	11:41	Peak												
Radio															
GOES	11:37	11:41	End times												
HXRBS	11:38:28	11:39:33	11:39:52												

Event # = 22326		DOY=25									
89/01/25	13:22	Start	Peak	End times							
Optical											
GOES	13:19		13:22	Ha...Class=SF	N12E17	AR5329	Mac.=FKI	Carr. Lon.=127deg	H. Ang=24deg		
BCS	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		SMM Pointing:							
89/01/25	15:07	Start	Peak	End times							
Optical											
GOES	14:49		15:07	Ha...Class=SN	N17E14		Pitch=-378",Yaw=+224",Roll=0deg	H. Ang=27deg			
HXRBS	14:50:03		14:54:45	Importance=M2	S28E43	AR5330	Mac.=FAI	Carr. Lon.=100deg	H. Ang=47deg		
BCS	14:48		15:20	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		16:15	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		SMM Pointing:							
89/01/25	17:40	Start	Peak	End times							
Optical											
GOES	17:35		17:40	Ha...Class=SF	N17E12		Pitch=-380",Yaw=+192",Roll=0deg	H. Ang=26deg			
HXRBS	17:37:11		17:39:01	Importance=C8	Qual=03		MaxkeV=230	Flags=ND			
FCS				Peak...c/s=145	Qual=01	Tot Cts=9090					
Event # = 22329		DOY=25		SMM Pointing:							
89/01/25	19:17	Start	Peak	End times							
Optical											
GOES	19:14		19:17	Ha...Class=SF	N13E18	AR5329	Mac.=FKI	Carr. Lon.=123deg	H. Ang=26deg		
BCS	19:14		19:41	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		SMM Pointing:							
89/01/25	21:13	Start	Peak	End times							
Optical											
GOES	21:03		21:13	Ha...Class=SF	N19E11	AR5329	Mac.=FKI	Carr. Lon.=129deg	H. Ang=27deg		
BCS	21:03		21:25	CaPeak.c/s=26	Qual=00		FePeak.c/s=9	#Peaks=2	dt= 7.7s	XEN=902509	
FCS				CaPeak.c/s=26	Qual= 4	FePeak=21:12	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel	
Event # = 10293		DOY=26		SMM Pointing:							
89/01/26	00:08	Start	Peak	End times							
Optical											
GOES	00:00		00:08	Ha...Class=SN	N17E08		Pitch=-381",Yaw=+137",Roll=0deg	H. Ang=25deg			
HXRBS	00:01:14		00:03:20	Importance=C6	Qual=01		MaxkeV=102	Flags=ND	dt= 7.7s	XEN=902510	
BCS	23:53		00:06	Peak...c/s=48	Qual=01	Tot Cts=776	FePeak.c/s=47	#Peaks=1	dt= 7.7s	XEN=902510	
FCS				CaPeak.c/s=259	Qual= 1	FePeak=00:05	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel	

Event # = 10299	DOY=26	Peak	SMM Pointing:		N17E06	Pitch=-381", Yaw=+96", Roll=0deg		H. Ang=24deg
89/01/26, 04:38	Start		Ha...Class=2N			Mac. =FKI		H. Ang=23deg
Optical			Importance=M3		AR5329	Carr. Lon.=133deg		
GOES	04:26	04:38	Peak...c/s=518		Tot Cts=89824	Flags=M5, SN		
HXRBS	04:32:01	04:34:13	CaPeak.c/s=1599		FePeak=04:37	#Peaks=1 dt= 3.8s		XEN=902600
BCS	04:32	04:38			FePeak=04:37	Rast=240" x240" Cad= 590s		1.024s/pixel
FCS								
Radio	Frequency(MHz)/Flux(sfu):	2695/67	8800/120	15400/63	Event # = 10301			
				Associated	Tot Cts=6368	Flags=ND		
HXRBS	05:18:32	05:21:56	Peak...c/s=57		Qual=01			
					Associated	Event # = 23350		
BCS	05:33	05:33	CaPeak.c/s=71		Qual= 5	#Peaks=1 dt= 7.7s		XEN=902601
FCS					FePeak=05:33	Step=0" Cad=3840s		3840s/pixel
Event # = 22332	DOY=26	Peak	SMM Pointing:		N17E05	Pitch=-381", Yaw=+82", Roll=0deg		H. Ang=24deg
89/01/26, 06:10	Start		Ha...Class=2N			Carr. Lon.=133deg		
GOES	06:07	06:10	Importance=C6		Qual=00	#Peaks=1 dt= 3.8s		XEN=902602
BCS	06:07	06:10	Peak...c/s=160		Qual= 5	Rast=240" x240" Cad= 590s		1.024s/pixel
FCS					FePeak=06:13			
Event # = 10302	DOY=26	Peak	SMM Pointing:		N20E03	Pitch=-381", Yaw=+82", Roll=0deg		H. Ang=26deg
89/01/26, 06:41	Start		Ha...Class=SF			Carr. Lon.=131deg		
GOES	06:27	06:41	Importance=M1		Qual=01	#Peaks=1 dt= 7.7s		XEN=902603
HXRBS	06:32:42	06:37:26	Peak...c/s=160		Qual=01	Step=0" Cad=1.02s		1.024s/pixel
Radio	Sweeps	Type/Intensity:	III/2		Tot Cts=8108			
Radio	Frequency(MHz)/Flux(sfu):	410/57	606/18	2695/38	8800/53	15400/60		
Event # = 22333	DOY=26	Peak	SMM Pointing:		N20E03	Pitch=-381", Yaw=+82", Roll=0deg		H. Ang=26deg
89/01/26, 08:18	Start		Ha...Class=SF			Carr. Lon.=131deg		
Optical			Importance=M1		Qual=06	#Peaks=1 dt= 7.7s		XEN=902603
GOES	08:12	08:18	Peak...c/s=26		Qual= 1	Step=0" Cad=1.02s		1.024s/pixel
BCS	08:12	08:18	CaPeak.c/s=26		FePeak=08:12			
FCS					FePeak=08:12			
Event # = 22334	DOY=26	Peak	SMM Pointing:		N19W01	Pitch=-414", Yaw=-14", Roll=0deg		H. Ang=25deg
89/01/26, 11:46	Start		Ha...Class=SN			Carr. Lon.=134deg		
Optical			Importance=M1		Qual=06	#Peaks=1 dt= 7.7s		XEN=902604
GOES	11:41	11:46	Peak...c/s=4165		Qual=01	Step=0" Cad=1.02s		1.024s/pixel
BCS	11:41	11:46	CaPeak.c/s=24		Qual=06			
FCS					Qual= 2			
Event # = 10303	DOY=26	Peak	SMM Pointing:		N15W03	Pitch=-414", Yaw=-14", Roll=0deg		H. Ang=25deg
89/01/26, 14:13	Start		Ha...Class=SN		AR5329	Carr. Lon.=134deg		
Optical			Importance=M1		Tot Cts=36107	Flags=M5		Dur=60sec
GOES	14:10	14:13	Peak...c/s=4165		Qual=01	#Peaks=1 dt= 3.8s		XEN=902605
HXRBS	14:11:17	14:11:43	CaPeak.c/s=527		Qual= 1	Rast=300" x240" Cad= 328s		1.024s/pixel
GRS	14:11:00	14:12:00			FePeak=14:15			
BCS	14:12	14:15	4995/160		8800/750	15400/710		
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" Cad=1.02s
 #Peaks=1 dt= 7.7s
 Step=0" 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" 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
 MaxkeV=418
 FePeak.c/s=57
 Rast=0"x0" Cad=1.02s
 #Peaks=1 dt= 7.7s
 Step=0" XEN=902609
 1.024s/pixel
 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" 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" Step=15" Cad= 328s
 #Peaks=1 dt= 3.8s
 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		
Start			Qual=01		
GOES 02:50:52	02:51:23	Peak...c/s=46	Tot Cts=190	MaxkeV=102	
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		
Start			Qual=01		
Optical 04:22	04:26	Ha...Class=SF	AR5329	Mac.=FKI	H. Ang=26deg
HXRBS 04:23:10	04:24:11	Importance=C5		MaxkeV=102	XEN=902702
GOES 04:24:04	04:24:57	Peak...c/s=52	Tot Cts=511	FePeak.c/s=20	#Peaks=1 dt= 3.8s
BCS 04:24	04:32	CaPeak.c/s=118	FePeak=04:26	Rast=300"x240"	Cad= 328s
FCS					1.024s/pixel
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		
Start			Qual=01		
GOES 04:53	05:10	Importance=C4	Tot Cts=215	MaxkeV=102	
HXRBS 04:54:38	04:54:46	Peak...c/s=49			
Event # = 22338	DOY=27	SMM Pointing:	N16W11	Mac.=FKI	H. Ang=24deg
89/01/27,05:45	Peak	End times	Qual=01		
Start			Qual= 4		
Optical 05:34	05:45	Ha...Class=SF	AR5329	Carr. Lon.=133deg	XEN=902703
HXRBS 05:38	05:44	Importance=C2	FePeak=05:45	#Peaks=1 dt= 7.7s	
GOES 06:25	06:30	CaPeak.c/s=29		Rast=0"x0"	Cad=1.02s
FCS 06:26:00	06:26:17		Tot Cts=86	MaxkeV=102	
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		
Start			Qual=01		
GOES 06:25	06:35	Importance=C1			
HXRBS 06:26:00	06:26:07	Peak...c/s=41			
Event # = 22339	DOY=27	SMM Pointing:	N16W12	Mac.=FKI	H. Ang=25deg
89/01/27,07:13	Peak	End times	Qual=01		
Start			Qual= 1		
Optical 07:09	07:13	Ha...Class=SF	AR5329	Carr. Lon.=133deg	XEN=902704
HXRBS 07:10	07:20	Importance=C2	FePeak=07:13	#Peaks=1 dt= 3.8s	
GOES 08:39:55	08:40:14	CaPeak.c/s=43		Rast=240"x240"	Cad= 590s
FCS			Tot Cts=192	MaxkeV=102	
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		
Start			Qual=01		
GOES 08:39:55	08:40:26	Peak...c/s=48			
HXRBS					
Event # = 22340	DOY=27	SMM Pointing:	N16W14	Mac.=FKI	H. Ang=26deg
89/01/27,12:27	Peak	End times	Qual=01		
Start			Qual= 1		
Optical 12:20	12:27	Ha...Class=SN	AR5329	Carr. Lon.=132deg	XEN=902705
HXRBS 12:23	12:26	Importance=C3	FePeak=12:25	#Peaks=1 dt= 3.8s	
GOES		CaPeak.c/s=93		Rast=240"x240"	Cad= 590s
FCS					1.024s/pixel

Event # = 10314
 89/01/27, 15:25 DOY=27 Peak
 Start End times
 Optical SMM Pointing: N19W14
 GOES 15:10 15:25 Ha...Class=1B N17W14 AR5329
 HXRBS 15:19:22 15:20:26 15:25:35 Importance=M1 Qual=01
 BCS 15:17 15:24 15:39 CaPeak...c/s=641 Qual=01
 FCS FePeak.c/s=633
 Radio Frequency(MHz)/Flux(sfu): 4995/240 8800/190
 BCS 15:40 15:40 15:42 Associated Event # = 22341
 FCS CaPeak.c/s=27 Qual=5
 FePeak.c/s=8 #Peaks=1 dt= 7.7s XEN=902707
 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel
 FePeak.c/s=190 #Peaks=1 dt= 3.8s XEN=902706
 Rast=300"x240" Step=15" Cad= 328s 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 End times
 Optical SMM Pointing: S17E12
 GOES 06:32 06:35 Ha...Class=SF S21E16 AR5330
 HXRBS 06:32:55 06:33:04 06:34:19 Importance=C3 Qual=01
 Radio Sweeps Type/Intensity: V/3 Qual=01
 Radio Frequency(MHz)/Flux(sfu): 245/95 410/130 606/230 1415/170 2695/160 4995/160 8800/150 15400/61
 H.Ang=16deg
 H.Ang=22deg
 MaxkeV=187
 Pitch=+192", Yaw=+187", Roll=0deg
 Mac.=FAI Carr.Lon.=92deg
 MaxkeV=187

Event # = 10316
 89/01/28, 08:16 DOY=28
 Start End times
 Optical SMM Pointing: S17E10
 GOES 08:10 08:16 Ha...Class=SN S21E54
 HXRBS 08:05:19 08:12:55 08:21:05 Importance=M1 Qual=01
 Radio Sweeps Type/Intensity: V/3 Qual=01
 Radio Frequency(MHz)/Flux(sfu): 245/95 410/130 606/230 1415/170 2695/160 4995/160 8800/150 15400/61
 H.Ang=15deg
 H.Ang=54deg
 MaxkeV=230
 Pitch=+191", Yaw=+167", Roll=0deg
 Mac.=EAI Carr.Lon.=54deg
 MaxkeV=230
 Pitch=+191", Yaw=+167", Roll=0deg
 Mac.=FAI Carr.Lon.=92deg
 MaxkeV=102

Event # = 10317
 89/01/28, 08:58 DOY=28
 Start End times
 Optical SMM Pointing: S17E08
 GOES 08:53 08:58 Ha...Class=SN N20E15
 HXRBS 08:54:14 08:55:01 08:56:01 Importance=C4 Qual=01
 Radio Sweeps Type/Intensity: III/I
 Radio Frequency(MHz)/Flux(sfu): 410/58 2695/80 4995/84 8800/64
 H.Ang=14deg
 H.Ang=33deg
 MaxkeV=102
 Pitch=+191", Yaw=+125", Roll=0deg
 Mac.=FKI Carr.Lon.=131deg
 MaxkeV=102
 Associated Event # = 10319
 Qual=01 Tot Cts=490

Event # = 10320
 89/01/28, 15:58 DOY=28
 Start End times
 Optical SMM Pointing: S17E06
 GOES 15:53 15:58 Ha...Class=SN N16W29
 HXRBS 15:54:32 15:55:04 15:56:11 Importance=C4 Qual=03
 Radio Sweeps Type/Intensity: III/I Qual=01
 Radio Frequency(MHz)/Flux(sfu): 8800/61
 H.Ang=13deg
 H.Ang=36deg
 MaxkeV=144
 Pitch=+190", Yaw=+99", Roll=0deg
 Mac.=FKI Carr.Lon.=132deg
 MaxkeV=144

Event # = 10321	D0Y=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	H. Ang=32deg
Optical	End times	Importance=C5	Qual=03	Carr. Lon.=127deg	
GOES 17:49	18:36	Peak...c/s=81	Qual=02	Flags=SG	
HXRBS 17:53:38	17:55:46		Tot Cts=863		
89/01/29 D0Y=29					
Event # = 10322	D0Y=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		
HXRBS 01:32:12	01:32:20		Tot Cts=128		
89/01/29 D0Y=29					
Event # = 22342	D0Y=29	Importance=C2	Qual=03	FePeak.c/s=8	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		FePeak=03:29		
BCS 03:22	03:27				
FCS					
89/01/29, 07:25 D0Y=29					
Event # = 22343	D0Y=29	Importance=C3	Qual=01	FePeak.c/s=9	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		FePeak=07:25		
BCS 07:25	07:26				
FCS					
89/01/29, 08:06 D0Y=29					
Event # = 10323	D0Y=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		
HXRBS 08:03:34	08:04:06		Tot Cts=334		
89/01/29, 09:25 D0Y=29					
Event # = 22344	D0Y=29	Importance=C2	Qual=01	FePeak.c/s=6	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		FePeak=09:25		
BCS 09:24	09:26				
FCS					
89/01/29, 11:06 D0Y=29					
Event # = 10324	D0Y=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	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		Tot Cts=5912		
FCS			FePeak=10:51		
89/01/29, 12:29 D0Y=29					
Event # = 10325	D0Y=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	H. Ang=41deg
Optical	End times	Importance=C4	Qual=01	Carr. Lon.=54deg	
GOES 12:24	12:29	Peak...c/s=66	Qual=01	MaxkeV=102	
HXRBS 12:24:46	12:28:10		Tot Cts=2134		

Event # = 22345 DOY=29 Peak Start End times
 89/01/29,16:07 16:07 16:10
 Optical
 GOES 16:00 16:07 16:10 Carr. Lon.=126deg H. Ang=42deg
 BCS 16:06 16:07 16:10 #Peaks=1 dt=11.3s XEN=902904
 FCS Rast=0"x0" Cad=1.02s 1.024s/pixel

Event # = 10327 DOY=29 Peak Start End times
 89/01/29,23:04 23:04 23:07
 Optical
 GOES 23:01 23:04 23:07 Carr. Lon.=126deg H. Ang=51deg
 HXRBS 23:04:23 23:04:56 23:05:19 #Peaks=1 dt= 3.8s XEN=902905
 BCS 23:04 23:06 23:07 Rast=300"x240" Cad= 328s 1.024s/pixel
 FCS MaxkeV=144 Step=15" Pitch=-255",Yaw=-509"
 UVSP 22:51 #Peaks=1 dt= 3.8s XEN=902905
 Radio Frequency(MHz)/Flux(sfu): 410/43 606/260 15400/18 Rast=3"x3" Step=0" Pitch=-255",Yaw=-509"
 HXRBS 23:03:09 23:03:20 23:03:37 Peak...c/s=64 Event # = 10326
 Associated Qual=01 Tot Cts=361 MaxkeV=102

Event # = 10328 DOY=29 Peak Start End times
 89/01/29,23:34 23:34 23:58
 Optical
 GOES 23:20 23:34 23:58 Carr. Lon.=129deg H. Ang=49deg
 HXRBS 23:25:27 23:27:11 23:29:03 #Peaks=2 dt= 7.7s XEN=902906
 BCS 23:27 23:28 23:39 Rast=240"x240" Cad= 590s 1.024s/pixel
 FCS MaxkeV=144 Step=10" Pitch=-255",Yaw=-509"
 UVSP 22:51 #Peaks=2 dt= 7.7s XEN=902906
 Radio Frequency(MHz)/Flux(sfu): 245/690 410/200 606/160 8800/20 Rast=3"x3" Step=0" Pitch=-255",Yaw=-509"

Event # = 10330 DOY=30 Peak Start End times
 89/01/30,01:10 01:10 01:30
 Optical
 GOES 00:38 01:10 01:30 Carr. Lon.=56deg H. Ang=33deg
 HXRBS 00:57:19 01:06:29 01:17:09 #Peaks=1 dt= 7.7s XEN=903000
 BCS 00:44 00:46 00:52 Rast=0"x0" Cad=1.02s 1.024s/pixel
 FCS MaxkeV=320 Step=0" Pitch=-531",Yaw=+529"
 UVSP 01:25 #Peaks=1 dt= 7.7s XEN=903000
 Radio Sweeps Type/Intensity: 1V/2
 Radio Frequency(MHz)/Flux(sfu): 245/14 410/120 606/15 1415/63 2695/90 4995/160 8800/360 15400/390 Rast=3"x3" Step=0" Pitch=-525",Yaw=+141"
 HXRBS 00:41:28 00:41:55 00:42:35 Peak...c/s=58 Event # = 10329
 Associated Qual=01 Tot Cts=466 MaxkeV=102
 UVSP 00:24 Wavelength=2788A Exp # = 83341

Event # = 22346		
89/01/30, 02:15	DOY=30	Peak
Optical		End times
Optical	Ha...Class=SF	N25W74
	Code=EPL	N24W90
	Importance=M1	Qual=04
G0ES	CaPeak.c/s=80	Qual= 5
BCS		FePeak=02:11
FCS		Exp #=83343
UVSP	Wavelength=2788A	Code=01
Event # = 10331		
89/01/30, 03:54	DOY=30	Peak
Optical	SMM Pointing:	N19W47
Optical		N17W42
G0ES	Ha...Class=1B	Qual=01
HXRBS	Importance=M1	Qual=01
BCS	Peak...c/s=222	Qual=01
FCS	CaPeak.c/s=1067	Qual= 1
UVSP	Wavelength=2788A	
Event # = 22347		
89/01/30, 03:58	DOY=30	Peak
G0ES		Qual=00
BCS	CaPeak.c/s=40	Qual= 5
FCS		FePeak=03:58
UVSP	Wavelength=2788A	Exp #=83345
Event # = 10332		
89/01/30, 09:13	DOY=30	Peak
G0ES	SMM Pointing:	N19W50
HXRBS		Qual=00
UVSP	Peak...c/s=45	Qual=01
	Wavelength=2788A	
Event # = 10333		
89/01/30, 13:26	DOY=30	Peak
G0ES	SMM Pointing:	N19W52
HXRBS		Qual=03
UVSP	Peak...c/s=44	Qual=01
	Wavelength=2788A	
Event # = 10334		
89/01/30, 21:05	DOY=30	Peak
Optical	SMM Pointing:	N19W57
G0ES		N14W53
HXRBS	Ha...Class=1B	Qual=03
BCS	Importance=M2	Qual=02
FCS	Peak...c/s=595	Qual= 5
UVSP	CaPeak.c/s=80	
	Wavelength=1375A	Code=00

Event # = 10335		89/01/31		DOY=31	
89/01/31,03:09	DOY=31	Start	End times	SMM Pointing:	
Optical	Peak			N19W60	Pitch=-370",Yaw=-798",Roll=0deg
GOES 03:04	03:09	03:17		S24E12	H.Ang=64deg
HXRBS 03:05:48	03:06:51	03:08:34		Ha...Class=IN	
UVSP 02:54				Importance=M1	Mac.=EAI Carr.Lon.=59deg
Radio	Frequency(MHz)/Flux(sfu):			Qual=01	H.Ang=21deg
				Peak...c/s=329	
				Wavelength=2788A	
				Code=01	
				Exp #=83409	
				Tot Cts=11276	
				Step=0" Pitch=-236",Yaw=-613"	
Event # = 10336					
89/01/31,08:21	DOY=31	Start	End times	SMM Pointing:	
Optical	Peak			N19W63	Pitch=-366",Yaw=-819",Roll=0deg
GOES 08:21:21	08:21:54	08:22:04		N17W61	H.Ang=67deg
HXRBS 08:36				Qual=00	
UVSP				Ha...Class=SF	Mac.=FAI Carr.Lon.=129deg
				Peak...c/s=55	H.Ang=64deg
				Wavelength=2788A	
				Code=01	
				Exp #=83416	
				Tot Cts=239	
				Step=0" Pitch=-231",Yaw=-636"	
Event # = 10337					
89/01/31,17:40	DOY=31	Start	End times	SMM Pointing:	
Optical	Peak			S06W00	Pitch=+0",Yaw=+0",Roll=0deg
GOES 17:31	17:40	17:49		N15W65	H.Ang=0deg
HXRBS 17:31:59	17:33:33	17:33:55		Qual=02	
UVSP 17:56				Ha...Class=IN	Mac.=FAI Carr.Lon.=128deg
Radio	Frequency(MHz)/Flux(sfu):			Importance=M1	H.Ang=68deg
				Peak...c/s=324	
				Wavelength=2788A	
				Code=00	
				Exp #=83422	
				Tot Cts=4880	
				Step=0" Pitch=+4",Yaw=+5"	
Event # = 22349					
89/01/31,19:01	DOY=31	Start	End times		
Optical	Peak			N16W66	Mac.=FAI Carr.Lon.=128deg
GOES 18:56	19:01	19:05		Qual=03	H.Ang=69deg
BCS 18:57	19:00	19:06		Qual=1	
FCS				FePeak.c/s=34	#Peaks=1 dt= 3.8s XEN=903100
UVSP 18:43				Code=00	Rast=0"x0" Cad=.26s 0.256s/pixel
				Exp #=83425	Step=10" Pitch=-429",Yaw=-775"
Event # = 22350					
89/01/31,21:49	DOY=31	Start	End times		
GOES 21:45	21:49	21:52		Qual=04	FePeak.c/s=13 dt= 3.8s XEN=903101
BCS 21:46	21:47	21:53		Qual=4	Rast=0"x0" Cad=.26s 0.256s/pixel
FCS				FePeak=21.47	Step=5" Pitch=+292",Yaw=+109"
UVSP 21:48				Exp #=83433	
Event # = 22351					
89/02/01,01:02	DOY=32	Start	End times		
Optical	Peak			N16W66	Mac.=EAI Carr.Lon.=55deg
GOES 00:58	01:02	01:12		S21E04	H.Ang=15deg
BCS 00:57	00:59	01:05		Qual=01	
FCS				Ha...Class=SF	#Peaks=1 dt= 7.7s XEN=903206
UVSP 00:56				Importance=C1	Step=10" Cad= 590s 1.024s/pixel
				CaPeak.c/s=28	Step=3" Pitch=+77",Yaw=-272"
				Code=00	
				Exp #=83443	

Event # = 10338	DOY=32	SMM Pointing:	S23E04	Pitch=+65", Yaw=-286", Roll=90deg	H. Ang=17deg
89/02/01 01:23	Peak	Ha...Class=SF	N17W72	Mac.=FAI	Carr. Lon.=131deg
Optical	End times	Importance=C2	Qual=01	MaxkeV=102	H. Ang=75deg
GOES 01:21	01:30	Peak...c/s=72	Code=00	Rast=243"x243"	Step=3"
HXRBS 01:20:07	01:20:20	Wavelength=2788A		Event # = 22352	Pitch=+77", Yaw=-272"
UVSP 00:56				FePeak.c/s=7	
				Rast=0"x0"	dt= 3.8s
				Associated	XEN=903200
				Qual= 5	0.256s/pixel
Event # = 10340	DOY=32	SMM Pointing:	S23E04	Pitch=+65", Yaw=-286", Roll=90deg	H. Ang=17deg
89/02/01 02:05	Peak	Ha...Class=SN	S20E01	Mac.=EAI	Carr. Lon.=57deg
Optical	End times	Importance=M1	Qual=02	MaxkeV=102	H. Ang=14deg
GOES 01:48	02:36	Peak...c/s=75	Qual=03	Rast=180"x1"	Flags=ES
HXRBS 01:38:02	01:45:36	Wavelength=2788A		Event # = 22352	Pitch=+418", Yaw=+244"
UVSP 02:17				FePeak.c/s=7	
				Rast=0"x0"	dt= 3.8s
				Associated	XEN=903200
				Qual= 5	0.256s/pixel
BGS 02:27	02:27	CaPeak.c/s=77		Pitch=+284", Yaw=+17", Roll=0deg	H. Ang=17deg
FCS				Mac.=EAI	Carr. Lon.=58deg
Event # = 10339	DOY=32	SMM Pointing:	S23E01	Pitch=+284", Yaw=+17", Roll=0deg	H. Ang=17deg
89/02/01 07:44	Peak	Ha...Class=SF	S22W03	Mac.=EAI	Carr. Lon.=58deg
Optical	End times	Importance=C6	Qual=01	MaxkeV=102	H. Ang=16deg
GOES 07:39	07:44	Peak...c/s=83	Qual=01	FePeak.c/s=66	dt= 3.8s
HXRBS 07:38:30	07:38:40	CaPeak.c/s=281	Qual= 1	Rast=0"x0"	XEN=903201
BGS 07:39	07:42	Wavelength=2788A		Event # = 83452	Cad=.26s
FCS				Associated	0.256s/pixel
UVSP 08:31				Rast=180"x1"	Pitch=+163", Yaw=+191"
Event # = 10341	DOY=32	SMM Pointing:	S23E01	Pitch=+284", Yaw=+17", Roll=0deg	H. Ang=17deg
89/02/01 08:13	Peak	Ha...Class=IN	N17W74	Mac.=FAI	Carr. Lon.=129deg
Optical	End times	Importance=C8	Qual=02	MaxkeV=102	H. Ang=77deg
GOES 08:02	08:40	Peak...c/s=47	Qual=01	Rast=180"x1"	Step=0"
HXRBS 08:02:33	08:02:52	Wavelength=2788A		Event # = 83452	Pitch=+163", Yaw=+191"
UVSP 08:31				Tot Cts=175	
				Exp #=83452	
Event # = 22353	DOY=32	SMM Pointing:	S23E01	Pitch=+284", Yaw=+17", Roll=0deg	H. Ang=16deg
89/02/01 09:30	Peak	Ha...Class=SF	S22W04	Mac.=EAI	Carr. Lon.=58deg
Optical	End times	Importance=C21	Qual=00	FePeak.c/s=13	H. Ang=16deg
GOES 09:28	09:33	CaPeak.c/s=21	Qual= 4	Rast=0"x0"	dt= 7.7s
BGS 09:28	09:30	Wavelength=2788A		Event # = 83453	XEN=903202
FCS				Associated	Cad=1.02s
UVSP 09:31				Rast=180"x1"	1.024s/pixel
				Pitch=+163", Yaw=+182"	

Event # = 10342		89/02/01, 10:38		DOY=32	Peak		SMM Pointing:		S23W00		Pitch=+284", Yaw=+4", Roll=0deg		H. Ang=17deg		
Optical	Optical	Start		End times		Ha...Class=1N		S21W04		Mac.=EAI		Carr. Lon.=58deg		H. Ang=15deg	
GOES	GOES	09:41	10:38	10:38	10:51	Importance=SF	N23W69	AR5334	AR5329	Importance=M4	Qual=04	Flags=M5, ND	dt= 7.7s	XEN=903203	
HXRBS	HXRBS	10:13:11	10:13:49	10:47:27	11:11	Peak...c/s=98	Qual=01	Tot Cts=30265	FePeak=10:37	CaPeak.c/s=1734	Qual= 1	FePeak.c/s=437	dt= 7.7s	XEN=903203	
BGS	BGS	10:14	10:38	11:11		Wave length=2788A	Code=00	Exp #=83455		Wavelength=2788A	Code=00	Rast=0"x0"	Cad= .26s	0.256s/pixel	
UVSP	Radio	11:05	Frequency(MHz)/Flux(sfu):			245/81 410/25 1415/80 2695/93 4995/83 8800/33 15400/33						Rast=180"x1"	Pitch=+163"	Yaw=+169"	
Event # = 10343		89/02/01, 11:10		DOY=32	Peak		SMM Pointing:		S23W01		Pitch=+284", Yaw=-9", Roll=0deg		H. Ang=17deg		
Optical	Optical	Start		End times		Ha...Class=1N		S21W04		Mac.=EAI		Carr. Lon.=57deg		H. Ang=15deg	
GOES	GOES	10:51	11:10	12:00		Code=DSF	N50E30	AR5334		Importance=C1	Qual=02	Flags=M5, ND	dt= 7.7s	XEN=903203	
HXRBS	HXRBS	11:08:26	11:08:44	11:09:41		Peak...c/s=77	Qual=01	Tot Cts=1405	Exp #=83455	Wave length=2788A	Code=00	Rast=180"x1"	Cad= .26s	0.256s/pixel	
UVSP	UVSP	11:05	Frequency(MHz)/Flux(sfu):			245/81 410/25 1415/80 2695/93 4995/83 8800/33 15400/33						Rast=180"x1"	Pitch=+163"	Yaw=+169"	
Event # = 10344		89/02/01, 15:46		DOY=32	Peak		SMM Pointing:		S06W00		Pitch=-5", Yaw=+2", Roll=0deg		H. Ang=0deg		
Optical	Optical	Start		End times		Ha...Class=SF		S22W06		Mac.=EAI		Carr. Lon.=57deg		H. Ang=17deg	
GOES	GOES	15:42	15:46	16:07		Importance=C3	Qual=05	AR5334		Peak...c/s=51	Qual=01	Flags=M5, ND	dt= 7.7s	XEN=903203	
HXRBS	HXRBS	15:46:31	15:47:16	15:49:03		Wave length=2788A	Code=02	Tot Cts=921	Exp #=83461	Wavelength=2788A	Code=02	Rast=180"x1"	Cad= .26s	0.256s/pixel	
UVSP	UVSP	15:46	Frequency(MHz)/Flux(sfu):			245/81 410/25 1415/80 2695/93 4995/83 8800/33 15400/33						Rast=180"x1"	Pitch=+4"	Yaw=+5"	
Event # = 10345		89/02/01, 20:04		DOY=32	Peak		SMM Pointing:		S23W06		Pitch=+282", Yaw=-88", Roll=0deg		H. Ang=18deg		
Optical	Optical	Start		End times		Ha...Class=SF		N24W74		Mac.=FAI		Carr. Lon.=122deg		H. Ang=78deg	
GOES	GOES	19:51	20:04	20:11		Importance=C4	Qual=03	AR5329		Peak...c/s=59	Qual=01	Flags=M5, ND	dt= 7.7s	XEN=903203	
HXRBS	HXRBS	20:00:01	20:00:23	20:03:34		Wave length=1375A	Code=00	Tot Cts=1333	Exp #=83468	Wavelength=1375A	Code=00	Rast=30"x30"	Cad= 328s	1.024s/pixel	
UVSP	UVSP	19:40	Frequency(MHz)/Flux(sfu):			245/81 410/25 1415/80 2695/93 4995/83 8800/33 15400/33						Rast=30"x30"	Pitch=+288"	Yaw=-153"	
Event # = 10346		89/02/01, 21:22		DOY=32	Peak		SMM Pointing:		S23W06		Pitch=+280", Yaw=-100", Roll=0deg		H. Ang=18deg		
Optical	Optical	Start		End times		Ha...Class=SF		S22W08		Mac.=EAI		Carr. Lon.=56deg		H. Ang=18deg	
GOES	GOES	21:18	21:22	21:35		Importance=C3	Qual=01	AR5334		Peak...c/s=54	Qual=01	Flags=M5, ND	dt= 7.7s	XEN=903203	
HXRBS	HXRBS	21:18:38	21:19:17	21:19:32		Wave length=1375A	Code=00	Tot Cts=414	Exp #=83473	Wavelength=1375A	Code=00	Rast=300"x240"	Cad= 328s	1.024s/pixel	
BGS	BGS	21:19	21:21	21:31		CaPeak.c/s=49	Qual= 1	FePeak=21:21		Wavelength=1375A	Code=00	Rast=30"x30"	Cad= 328s	1.024s/pixel	
UVSP	UVSP	21:15	Frequency(MHz)/Flux(sfu):			245/81 410/25 1415/80 2695/93 4995/83 8800/33 15400/33						Rast=30"x30"	Pitch=+293"	Yaw=-141"	
Event # = 22354		89/02/01, 21:43		DOY=32	Peak		SMM Pointing:		Qual=03		FePeak=21:43		dt= 7.7s		XEN=903203
GOES	GOES	21:35	21:43	21:53		Importance=C3	Qual= 3	FePeak=21:43		CaPeak.c/s=38	Qual= 3	Rast=240"x240"	Cad= 590s	1.024s/pixel	
BGS	BGS	21:39	21:44	21:46		Wave length=1375A	Code=00	Exp #=83473		Wavelength=1375A	Code=00	Rast=30"x30"	Cad= 590s	1.024s/pixel	
FCS	FCS	21:39	21:44	21:46		Wave length=1375A	Code=00	Exp #=83473		Wavelength=1375A	Code=00	Rast=30"x30"	Cad= 590s	1.024s/pixel	
UVSP	UVSP	21:15	Frequency(MHz)/Flux(sfu):			245/81 410/25 1415/80 2695/93 4995/83 8800/33 15400/33						Rast=30"x30"	Pitch=+293"	Yaw=-141"	

89/02/02 DOY=33

Event # = 22355 DOY=33
 89/02/02,05:46 Peak
 GOES 05:42 05:46 06:10 End times
 BCS 05:46 05:48 05:53
 FCS
 UVSP 05:48
 Importance=C2 Qual=03
 CaPeak.c/s=32 Qual=1 FePeak=05:46
 Wavelength=2788A Code=02 Exp #=83491
 #Peaks=1 dt= 7.7s XEN=903300
 Step=0" Cad=1.02s 1.024s/pixel
 Rast=180"x1" Pitch=0" Pitch=+164",Yaw=+12"

Event # = 9306 DOY=33
 89/02/02,08:24 Peak
 Optical Start
 GOES 08:19 08:24 08:28 End times
 HXRBS 08:18:37 08:18:57 08:19:17
 UVSP 08:24
 SMM Pointing: S01E83 H.Ang=83deg
 Ha...Class=SF S22W13 Carr.Lon.=55deg H.Ang=20deg
 Importance=C3 Qual=01
 Peak...c/s=51 Qual=01 Tot Cts=210
 Wave length=2788A Code=02 Exp #=83496
 MaxkeV=102 Pitch=+3",Yaw=+967",Roll=0deg
 Rast=243"x243" Step=3" Pitch=+7",Yaw=+987"

Event # = 22356 DOY=33
 89/02/02,10:05 Peak
 Optical Start
 GOES 09:58 10:05 10:10 End times
 BCS 10:00 10:04 10:11
 FCS
 UVSP 09:41
 Ha...Class=SF S22W15 Carr.Lon.=56deg H.Ang=21deg
 Ha...Class=SF S20W73 Carr.Lon.=114deg H.Ang=72deg
 Importance=C3 Qual=01
 CaPeak.c/s=84 Qual=1 FePeak=10:04
 Wavelength=2788A Code=00 Exp #=83499
 #Peaks=1 dt= 3.8s XEN=903301
 Step=15" Cad= 328s 1.024s/pixel
 Step=3" Pitch=+293",Yaw=-192"

Event # = 22357 DOY=33
 89/02/02,10:30 Peak
 GOES 10:22 10:30 11:01 End times
 BCS 10:26 10:31 10:33
 FCS
 UVSP 09:41
 Importance=C2 Qual=03
 CaPeak.c/s=37 Qual=1 FePeak=10:30
 Wavelength=2788A Exp #=83499
 #Peaks=1 dt= 7.7s XEN=903302
 Step=10" Cad= 590s 1.024s/pixel
 Step=3" Pitch=+293",Yaw=-192"

Event # = 10347 DOY=33
 89/02/02,11:27 Peak
 Optical Start
 GOES 11:21 11:27 11:30 End times
 HXRBS 11:22:39 11:23:36 11:26:40
 BCS 11:23 11:26 11:35
 FCS
 Radio Frequency(MHz)/Flux(sfu): 4995/98
 SMM Pointing: S23W14 H.Ang=22deg
 Ha...Class=1N S22W16 Carr.Lon.=56deg H.Ang=22deg
 Importance=C8 Qual=01
 Peak...c/s=367 Qual=01 Tot Cts=7810
 CaPeak.c/s=356 Qual=1 FePeak=11:26
 MaxkeV=187 #Peaks=1 dt= 3.8s XEN=903303
 FePeak.c/s=81 Step=15" Cad= 328s 1.024s/pixel
 Rast=300"x240" Step=3"

Event # = 10348 DOY=34
 89/02/03,03:19 Peak
 GOES 02:59 03:19 03:57 End times
 HXRBS 02:57:35 02:58:26 02:59:10
 SMM Pointing: Pitch=-1082",Yaw=+1",Roll=0deg
 Importance=C6 Qual=03
 Peak...c/s=57 Qual=01 Tot Cts=858
 MaxkeV=102

Event # = 10349		DOY=34		SMM Pointing: S01W83		Pitch=-3" , Yaw=-967" , Roll=0deg		H. Ang=83deg	
89/02/03	11:09	Peak							
GOES	11:01	End times							
HXRBS	11:09	11:30							
UVSP	11:02:59	11:06:01							
UVSP	11:03:34		Tot Cts=1384						
			Exp #=83504						
Event # = 22358		DOY=34		SMM Pointing: S23W28		Pitch=+293" , Yaw=-426" , Roll=0deg		H. Ang=32deg	
89/02/03	13:06	Peak							
GOES	12:56	End times							
BCS	13:01	13:11							
FCS	13:01	13:03							
UVSP	12:58		Qual=02						
			Qual= 2						
			FePeak=13:01						
			Exp #=83507						
Event # = 10545		DOY=34		SMM Pointing: S23W28		Pitch=+293" , Yaw=-426" , Roll=0deg		H. Ang=32deg	
89/02/03	14:36	Peak							
Optical		End times							
GOES	13:54	15:37							
HXRBS	13:55:27	14:28:47							
UVSP	14:31		AR5336						
			Qual=02						
			Qual=13						
			Tot Cts=16700						
			Exp #=83509						
Event # = 10350		DOY=34		SMM Pointing: S23W34		Pitch=-498" , Yaw=-298" , Roll=90deg		H. Ang=37deg	
89/02/03	23:20	Peak							
GOES	23:18	End times							
HXRBS	23:20:05	23:25							
UVSP	23:05	23:20:44							
			Qual=01						
			Qual=01						
			Tot Cts=203						
			Exp #=83528						
Event # = 22359		DOY=35		SMM Pointing: S21W40		Pitch=+298" , Yaw=-509" , Roll=0deg		H. Ang=37deg	
89/02/04	02:22	Peak							
Optical		End times							
GOES	02:12	02:36							
BCS	02:13	02:37							
FCS	02:13	02:37							
UVSP	01:58		AR5334						
			Qual=01						
			Qual= 1						
			FePeak=02:16						
			Exp #=83533						
Event # = 10351		DOY=35		SMM Pointing: S23W35		Pitch=+298" , Yaw=-509" , Roll=0deg		H. Ang=37deg	
89/02/04	02:31	Peak							
GOES	02:31:32	02:32:10							
HXRBS	02:31:50	02:32:10							
UVSP	02:58		Qual=00						
			Qual=01						
			Tot Cts=407						
			Exp #=83534						
Event # = 10352		DOY=35		SMM Pointing: S23W35		Pitch=+299" , Yaw=-519" , Roll=0deg		H. Ang=38deg	
89/02/04	03:03	Peak							
GOES	02:54	End times							
HXRBS	03:00:14	03:01:21							
UVSP	02:58		Qual=03						
			Qual=01						
			Tot Cts=675						
			Exp #=83534						

Event # = 10353	D0Y=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	Wave length=2788A		Step=0"	Pitch=+179", Yaw=-347"
UVSP 04:33				Tot Cts=1627	
				Exp #=83536	
Event # = 10354	D0Y=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	Wave length=2788A		Step=0"	Pitch=+180", Yaw=-357"
UVSP 06:05				Tot Cts=3889	
				Exp #=83538	
Event # = 10355	D0Y=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	Wave length=2788A		Step=0"	Pitch=+182", Yaw=-378"
UVSP 09:13				Tot Cts=315	
				Exp #=83542	
Event # = 10356	D0Y=35	SMM Pointing:	S23W39	Pitch=+303", Yaw=-568", Roll=0deg	H. Ang=41deg
89/02/04, 10:17	Peak	Code=LPS	N29E73	Carr. Lon.=301deg	H. Ang=78deg
Optical		Importance=X2	Qual=03		
GOES 09:50	10:17	Peak...c/s=1750	Qual=14	Flags=SN, EN, DG, ND	
HXRBS 09:55:23	09:55:51	Wave length=2788A	Code=00	Step=0"	Pitch=+182", Yaw=-382"
UVSP 09:47				Tot Cts=1.02E+6	
Radio Sweeps	Type/Intensity:			Rast=180" x1"	
Radio Frequency(MHz)/Flux(sfu):	II/3 III/2 IV/2			Exp #=83550	
	245/81 410/75 606/42 1415/120 2695/210 4995/580 8800/470 15400/250				
Event # = 10357	D0Y=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	Wave length=2788A	Qual=01	Step=0"	Pitch=+4", Yaw=+5"
HXRBS 15:24				Tot Cts=590	
UVSP 15:24				Exp #=83550	
Event # = 10358	D0Y=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	Wave length=2788A	Qual=01	Step=0"	Pitch=+4", Yaw=+5"
HXRBS 16:18:42	16:18:56			Tot Cts=103	
UVSP 16:00				Exp #=83551	
Event # = 22360	D0Y=35	Importance=C3	Qual=01	FePeak_c/s=9	#Peaks=1
89/02/04, 19:40	Peak	CaPeak.c/s=43	Qual=1	Rast=0" x0"	Step=0"
GOES 19:31	19:40	Wave length=2788A		Rast=180" x1"	Step=0"
BGS 19:32	19:37			Exp #=83556	
FCS 20:05					
UVSP 20:05					

Event # = 22363														
89/02/05,06:20	DOY=36													
GOES 06:10	Peak 06:20	End times 06:50	Importance=C3	Qual=01	FePeak=06:16	FePeak.c/s=9	#Peaks=1	dt= 3.8s	XEN=903604					
BCS 06:12	Peak 06:21	End times 06:40	CaPeak.c/s=56	Qual= 1		Rast=300"x240"	Step=15"	Cad= 328s	1.024s/pixel					
FCS 06:02			Wavelength=2788A	Code=01	Exp #=83577	Rast=180"x1"	Step=0"	Pitch=-350"	Yaw=+773"					
UVSP 06:02														
Event # = 10363														
89/02/05,08:08	DOY=36													
Optical 08:05	Peak 08:08	End times 08:12	SMM Pointing: N29E81	N29E81										
GOES 08:05:21	Peak 08:05:40	End times 08:07:03	Ha...Class=SF	N29E75										
HXRBS 08:06	Peak 08:07	End times 08:18	Importance=C4	Qual=01	Tot Cts=5193	MaxkeV=144	#Peaks=1	dt= 3.8s	XEN=903605					
FCS 08:32			Peak...c/s=348	Qual= 1	FePeak=08:07	FePeak.c/s=47	Step=15"	Cad= 328s	1.024s/pixel					
UVSP 08:32			CaPeak.c/s=213		Exp #=83580	Rast=180"x1"	Step=0"	Pitch=-350"	Yaw=+773"					
			Wavelength=2788A											
Event # = 22364														
89/02/05,08:25	DOY=36													
GOES 08:24	Peak 08:25	End times 08:35	CaPeak.c/s=19	Qual=00	FePeak=08:29	FePeak.c/s=15	#Peaks=1	dt= 7.7s	XEN=903606					
BCS 08:32			Wavelength=2788A	Qual= 4	Exp #=83580	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel					
UVSP 08:32						Rast=180"x1"	Step=0"	Pitch=-350"	Yaw=+773"					
Event # = 11665														
89/02/05,09:20	DOY=36													
GOES 09:18	Peak 09:20	End times 09:30	SMM Pointing: N29E81	N29E81										
HXRBS 09:17:15	Peak 09:17:41	End times 09:18:08	Importance=C2	Qual=04	Tot Cts=399	MaxkeV=102	Flags=I							
UVSP 09:09			Peak...c/s=50	Qual=01	Exp #=83581	Rast=180"x1"	Step=0"	Pitch=-350"	Yaw=+773"					
			Wavelength=2788A	Code=00										
Event # = 22365														
89/02/05,09:35	DOY=36													
GOES 09:30	Peak 09:35	End times 09:59	Importance=C3	Qual=01	FePeak=09:33	FePeak.c/s=12	#Peaks=2	dt= 7.7s	XEN=903607					
BCS 09:18	Peak 09:34	End times 09:43	CaPeak.c/s=62	Qual= 1	Exp #=83581	Rast=300"x240"	Step=15"	Cad= 328s	1.024s/pixel					
FCS 09:09			Wavelength=2788A	Code=01		Rast=180"x1"	Step=0"	Pitch=-350"	Yaw=+773"					
UVSP 09:09														
Event # = 22366														
89/02/05,11:11	DOY=36													
Optical 10:45	Peak 11:11	End times 12:10	Ha...Class=1F	N29E62	AR5354	Mac.=EAO	Carr. Lon.=299deg	H. Ang=69deg						
GOES 10:51	Peak 11:08	End times 11:47	Importance=C7	Qual=01	FePeak=10:58	FePeak.c/s=26	#Peaks=1	dt= 7.7s	XEN=903608					
BCS 10:51			CaPeak.c/s=178	Qual= 1	Exp #=83584	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel					
FCS 11:39			Wavelength=2788A			Rast=180"x1"	Step=0"	Pitch=-350"	Yaw=+773"					
UVSP 11:39														

Event # = 22367		DOY=36																			
89/02/05,12:41		Peak																			
GOES		12:40		13:21		CaPeak.c/s=51		Qual=00		FePeak=13:07		FePeak.c/s=8		#Peaks=1		dt= 7.7s		XEN=903609			
BCS		12:41				Wavelength=2788A		Qual= 5		Exp #=83586		Rast=300"x240"		Step=15"		Cad= 328s		1.024s/pixel			
FCS		13:13										Rast=180"x1"		Step=0"		Pitch=-350"		Yaw=+773"			
UVSP																					
Event # = 22368		DOY=36																			
89/02/05,14:51		Peak																			
GOES		14:48		14:54		CaPeak.c/s=74		Qual=00		FePeak=14:50		FePeak.c/s=14		#Peaks=1		dt= 3.8s		XEN=903610			
BCS		14:48				Wavelength=2788A		Qual= 2		Exp #=83588		Rast=300"x240"		Step=15"		Cad= 328s		1.024s/pixel			
FCS		14:46										Rast=180"x1"		Step=0"		Pitch=-350"		Yaw=+773"			
UVSP																					
Event # = 22369		DOY=36																			
89/02/05,15:33		Peak																			
Optical		15:33		15:36		Ha...Class=SF		N28E72		AR5354		Mac.=EA0		Carr.Lon.=286deg		H.Ang=77deg					
GOES		15:33				CaPeak.c/s=20		Qual=04		FePeak=15:33		FePeak.c/s=8		#Peaks=1		dt= 7.7s		XEN=903611			
BCS		15:33				Wavelength=2788A		Qual= 5		Exp #=83589		Rast=0"x0"		Step=0"		Cad=1.02s		1.024s/pixel			
FCS		15:22										Rast=180"x1"		Step=0"		Pitch=-350"		Yaw=+773"			
UVSP																					
Event # = 10364		DOY=36																			
89/02/05,19:01		Peak																			
Optical		18:35		19:10		SMM Pointing:		N28E67				Pitch=-496"		Yaw=+791"		Roll=0deg		H.Ang=73deg			
GOES		18:35				Ha...Class=1N		N29E68		AR5354		Mac.=EA0		Carr.Lon.=288deg		H.Ang=74deg					
HXRBS		18:54:30		19:03:02		Importance=C2		Qual=03		Tot Cts=942		MaxkeV=102		#Peaks=1		dt= 7.7s		XEN=903612			
BCS		18:39		19:02		Peak...c/s=48		Qual=01		FePeak=19:01		FePeak.c/s=36		Step=10"		Cad= 590s		1.024s/pixel			
FCS		19:27				CaPeak.c/s=306		Qual= 3		Exp #=83594		Rast=240"x240"		Step=0"		Pitch=-371"		Yaw=+715"			
UVSP						Wavelength=2788A						Rast=180"x1"									
Event # = 10365		DOY=36																			
89/02/05,20:11		Peak																			
Optical		20:11:44		20:12:05		SMM Pointing:		N28E67				Pitch=-496"		Yaw=+791"		Roll=0deg		H.Ang=73deg			
GOES		20:14		20:20		Peak...c/s=41		Qual=00		Tot Cts=101		MaxkeV=102		#Peaks=1		dt= 7.7s		XEN=903613			
HXRBS		20:14		20:14		Wavelength=2788A		Qual=01		Exp #=83595		Rast=243"x243"		Step=3"		Pitch=-499"		Yaw=+796"			
UVSP		20:16																			
Event # = 22370		DOY=36																			
89/02/05,20:14		Peak																			
GOES		20:14		20:20		CaPeak.c/s=18		Qual=00		FePeak=20:15		FePeak.c/s=6		#Peaks=1		dt= 7.7s		XEN=903613			
BCS		20:14				Wavelength=2788A		Qual= 5		Exp #=83595		Rast=0"x0"		Step=0"		Cad=1.02s		1.024s/pixel			
FCS		20:16										Rast=243"x243"		Step=3"		Pitch=-499"		Yaw=+796"			
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	21:47	Qual= 5	Exp #=83596	#Peaks=1	Cad=1.02s
BCS				CaPeak.c/s=19		Step=0"	1.024s/pixel
FCS				Wavelength=1375A		Step=5"	Pitch=-500", Yaw=+791"
UVSP	21:48						
Event # = 10366		DOY=36		SMM Pointing:		N29E67	
89/02/05	22:20	Start	Peak	Qual=00		Pitch=-506", Yaw=+783", Roll=0deg	H.Ang=73deg
GOES	22:20:32	22:20:40	22:21:03	Qual=01	Tot Cts=150	MaxkeV=102	
HXRBS	21:50			Peak...c/s=44	Exp #=83598	Rast=30"x30"	Step=10" Pitch=-523", Yaw=+784"
UVSP				Wavelength=1375A			
Event # = 10367		DOY=36		SMM Pointing:		N29E65	
89/02/05	23:33	Start	Peak	Ha...Class=SF	AR5354	Pitch=+773", Yaw=+508", Roll=90deg	H.Ang=72deg
Optical				Importance=C9		Mac.=EAO	Carr. Lon.=290deg
GOES	23:28	23:33	23:39	Qual=04			
HXRBS	23:29:39	23:31:12	23:32:18	Qual=01	Tot Cts=2871	MaxkeV=102	#Peaks=1 dt= 7.7s
BCS	23:22	23:32	00:05	Qual= 1	FePeak=23:32	FePeak.c/s=137	XEN=903615
FCS				CaPeak.c/s=568		Rast=240"x240"	Cad= 590s
UVSP	23:24			Wavelength=1375A	Exp #=83603	Rast=30"x30"	Pitch=+787", Yaw=+504"
Event # = 10368		DOY=37		SMM Pointing:		N29E65	
89/02/06	00:04	Start	Peak	Ha...Class=SF	AR5354	Pitch=+773", Yaw=+508", Roll=90deg	H.Ang=72deg
Optical				Qual=01		Mac.=FKC	Carr. Lon.=291deg
GOES	00:04:32	00:04:39	00:04:46	Qual=01	Tot Cts=161	MaxkeV=102	#Peaks=1 dt= 7.7s
HXRBS	23:56			Peak...c/s=81	Exp #=83605	Rast=30"x30"	XEN=903700
UVSP				Wave length=1375A			Cad=1.02s
Event # = 22372		DOY=37		SMM Pointing:		N28E62	
89/02/06	00:53	Start	Peak	Ha...Class=SF	AR5354	Carr. Lon.=291deg	H.Ang=69deg
Optical				Qual= 5		Mac.=FKC	
GOES	00:53	00:53	01:02	Qual= 5	FePeak=00:53	FePeak.c/s=8	#Peaks=1 dt= 7.7s
BCS				CaPeak.c/s=38		Rast=0"x0"	Cad=1.02s
FCS				Wavelength=1375A	Exp #=83606	Rast=265"x265"	Pitch=-502", Yaw=+781"
UVSP	00:54						
Event # = 10369		DOY=37		SMM Pointing:		N29E65	
89/02/06	01:21	Start	Peak	Ha...Class=1N	AR5354	Pitch=-509", Yaw=+772", Roll=0deg	H.Ang=72deg
Optical				Code=BSL	AR5354	Mac.=FKC	Carr. Lon.=289deg
GOES	01:17	01:21	01:26	Importance=C3			H.Ang=84deg
HXRBS	01:16:38	01:16:55	01:17:08	Qual=01	Tot Cts=173	MaxkeV=102	#Peaks=2 dt= 3.8s
BCS	01:04	01:20	01:45	Qual= 1	FePeak=01:20	FePeak.c/s=23	XEN=903701
FCS				Peak3...c/s=515	Exp #=83608	Rast=0"x0"	Cad=1.02s
UVSP	00:59			Wavelength=1375A		Rast=30"x30"	Pitch=-510", Yaw=+774"

89/02/06 DOY=37

Event # = 22373		DOY=37					
89/02/06, 02:17	Start	02:17	Peak	AR5354	MAC.=FKC	Carr. Lon.=288deg	H. Ang=71deg
Optical		02:46			FePeak.c/s=35	#Peaks=1	dt= 3.8s
GOES		03:23			Rast=240"x240"	Step=10"	XEN=903702
BGS					Rast=265"x265"	Step=5"	Cad= 590s
FCS							Pitch=-504", Yaw=+775"
UVSP							
Event # = 10370		DOY=37					
89/02/06, 02:57	Start	02:57	Peak	AR5354	MAC.=FKC	Pitch=-511", Yaw=+762", Roll=0deg	H. Ang=70deg
Optical		03:09			MaxkeV=230	Carr. Lon.=290deg	H. Ang=69deg
GOES		02:52:09			Rast=70"x70"	Step=5"	
HXRBS		02:52:21					
UVSP		02:52:31					
Event # = 10371		DOY=37					
89/02/06, 05:36	Start	05:36	Peak	AR5354	MAC.=FKC	Pitch=-513", Yaw=+756", Roll=0deg	H. Ang=70deg
Optical		05:39			MaxkeV=187	Carr. Lon.=288deg	H. Ang=70deg
GOES		05:33:41			FePeak.c/s=148	Flags=M5	
HXRBS		05:34:08			Rast=0"x0"	#Peaks=1	dt= 3.8s
BGS		05:34			Rast=180"x1"	Step=0"	Cad=.26s
FCS		05:51				Step=0"	XEN=903703
UVSP							0.256s/pixel
Radio							Pitch=-379", Yaw=+682"
Event # = 10373		DOY=37					
89/02/06, 06:28	Start	06:28:31	Peak			Pitch=-513", Yaw=+756", Roll=0deg	H. Ang=70deg
Optical		06:28:42			MaxkeV=102	Step=0"	
GOES		06:28:20			Rast=180"x1"	Step=0"	Pitch=-380", Yaw=+678"
HXRBS		06:28:31					
UVSP		06:22					
Event # = 22374		DOY=37					
89/02/06, 07:09	Start	07:09	Peak				
Optical		07:19			FePeak.c/s=7	#Peaks=1	dt= 7.7s
GOES		07:08			Rast=0"x0"	Step=0"	XEN=903704
BGS		07:19			Rast=180"x1"	Step=0"	Cad=1.02s
FCS							Pitch=-381", Yaw=+676"
UVSP							
Event # = 22375		DOY=37					
89/02/06, 08:44	Start	08:44	Peak				
Optical		08:48			FePeak.c/s=16	#Peaks=1	dt= 3.8s
GOES		08:38			Rast=300"x240"	Step=15"	XEN=903705
BGS		08:40			Rast=180"x1"	Step=0"	Cad= 328s
FCS		08:51				Step=0"	Pitch=-381", Yaw=+670"
UVSP		08:31					

Event # = 10372
 89/02/06, 09:31 Start DOY=37 Peak
 SMM Pointing: N29E61
 Ha...Class=SF AR5354
 Importance=M1 Qual=03
 Peak...c/s=185
 CaPeak.c/s=865
 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
 End times
 09:12 10:11
 09:19:56 09:31:30
 09:30 09:37
 Frequency(MHz)/Flux(sfu):
 10:13 10:15 10:54
 10:05

Pitch=-515", Yaw=+745", Roll=0deg

Mac.=FKC Carr.Lon.=291deg H.Ang=66deg

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" Step=0"
 #Peaks=1
 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
 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
 End times
 11:05 11:18
 11:06:46 11:07:06 11:07:49
 10:56 11:08 11:10
 11:05
 Frequency(MHz)/Flux(sfu):
 11:48 11:54
 11:38

Pitch=-517", Yaw=+735", Roll=0deg H.Ang=67deg

MaxkeV=144 dt= 7.7s XEN=903708
 FePeak.c/s=42 Cad= 590s 1.024s/pixel
 Rast=240"x240" Pitch=-383", Yaw=+660"
 Rast=180"x1" Step=0"
 #Peaks=2
 FePeak.c/s=12 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
 CaPeak.c/s=20 Qual= 4 FePeak=12:35
 Wavelength=2788A Exp #=83624
 End times
 12:35 12:37
 Frequency(MHz)/Flux(sfu):
 12:35 12:37

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
 CaPeak.c/s=18 Qual= 4 FePeak=13:28
 Wavelength=2788A Exp #=83625
 End times
 13:28 13:29 13:32
 Frequency(MHz)/Flux(sfu):
 13:12 13:12 13:12

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
 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
 End times
 13:34 13:41 13:43
 13:34:01 13:34:18 13:34:38
 13:32 13:32 13:34
 Frequency(MHz)/Flux(sfu):
 13:12 13:12 13:12
 13:36:14 13:36:29 13:36:35

Pitch=-519", Yaw=+725", Roll=0deg H.Ang=66deg

MaxkeV=144 dt= 7.7s XEN=903712
 FePeak.c/s=8 Cad=1.02s 1.024s/pixel
 Rast=0"x0" Step=0" Pitch=-385", Yaw=+651"
 Rast=180"x1" Step=0"
 #Peaks=1
 MaxkeV=102 dt= 7.7s XEN=903711
 FePeak.c/s=166 Cad= 590s 1.024s/pixel
 Rast=240"x240" Pitch=-382", Yaw=+666"
 Rast=180"x1" Step=0"
 #Peaks=1
 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 # = 22380
 89/02/06,14:12 D0Y=37
 Start Peak End times
 GOES 14:11 14:12 14:15
 BCS 14:12 14:12 14:15
 FCS 14:11 14:12 14:15
 UVSP 14:10 14:12 14:15

Qual=00
 Qual= 4
 FePeak=14:11
 Exp #=83626

CaPeak.c/s=19
 Wavelength=2788A
 dt= 7.7s XEN=903713
 Cad=1.02s 1.024s/pixel
 Pitch=-386",Yaw=+647"

#Peaks=1
 Step=0"
 Step=0"

FePeak.c/s=10
 Rast=0"x0"
 Rast=180"x1"

Event # = 22381
 89/02/06,14:38 D0Y=37
 Start Peak End times
 GOES 14:33 14:38 14:43
 BCS 14:54 14:56 15:02
 FCS 14:54 14:56 15:02
 UVSP 14:45 14:56 15:02

Qual=05
 Qual= 4
 FePeak=14:57
 Exp #=83627

Importance=C7
 CaPeak.c/s=34
 Wavelength=2788A
 dt= 7.7s XEN=903714
 Cad=1.02s 1.024s/pixel
 Pitch=-386",Yaw=+645"

#Peaks=1
 Step=0"
 Step=0"

FePeak.c/s=9
 Rast=0"x0"
 Rast=180"x1"

Event # = 10376
 89/02/06,16:58 D0Y=37
 Start Peak End times
 Optical 16:42 16:58 17:50
 GOES 16:42 16:58 17:50
 HXRBS 16:41:47 16:48:03 16:49:58
 BCS 16:28 16:49 17:24
 FCS 16:28 16:49 17:24
 UVSP 17:17 16:49 17:24
 Radio Sweeps 17:17 16:49 17:24

SMM Pointing: N29E57
 Code=EPL
 Importance=M2
 Peak...c/s=320
 CaPeak.c/s=607
 Carr. Lon.=254deg
 H. Ang=65deg

Pitch=-520",Yaw=+714",Roll=0deg
 MaxkeV=367
 FePeak.c/s=71
 Rast=300"x240"
 Rast=180"x1"

#Peaks=2
 Step=15"
 Step=0"

dt= 7.7s XEN=903715
 Cad= 328s 1.024s/pixel
 Pitch=-388",Yaw=+633"

Exp #=83630

Event # = 10377
 89/02/06,18:02 D0Y=37
 Start Peak End times
 Optical 18:00:26 18:00:37 18:00:53
 GOES 18:00:26 18:00:37 18:00:53
 HXRBS 18:01 18:02 18:14
 BCS 18:01 18:02 18:14
 FCS 18:01 18:02 18:14
 UVSP 17:52 18:02 18:14

SMM Pointing: N29E56
 Ha...Class=SF
 Peak...c/s=194
 CaPeak.c/s=82
 Wavelength=2788A
 Carr. Lon.=289deg
 H. Ang=64deg

Pitch=-522",Yaw=+704",Roll=0deg
 Mac.=FKC
 MaxkeV=144
 FePeak.c/s=14
 Rast=300"x240"
 Rast=180"x1"

#Peaks=1
 Step=15"
 Step=0"

dt= 3.8s XEN=903716
 Cad= 328s 1.024s/pixel
 Pitch=-389",Yaw=+631"

Exp #=83631

Event # = 22382
 89/02/06,18:23 D0Y=37
 Start Peak End times
 GOES 18:21 18:23 18:27
 BCS 18:21 18:23 18:27
 FCS 18:21 18:23 18:27
 UVSP 18:50 18:23 18:27

Qual=00
 Qual= 4
 FePeak=18:21
 Exp #=83632

CaPeak.c/s=26
 Wavelength=2788A
 dt= 7.7s XEN=903717
 Cad= 590s 1.024s/pixel
 Pitch=-389",Yaw=+626"

#Peaks=1
 Step=10"
 Step=0"

FePeak.c/s=7
 Rast=240"x240"
 Rast=180"x1"

Event # = 22383
 89/02/06,19:21 D0Y=37
 Start Peak End times
 Optical 19:17 19:21 19:42
 GOES 19:17 19:21 19:42
 BCS 19:34 19:36 20:01
 FCS 19:34 19:36 20:01
 UVSP 19:26 19:36 20:01
 Radio Frequency (MHz)/Flux(sfu): 15400/68

Ha...Class=SN
 Importance=M1
 CaPeak.c/s=207
 Peak3...c/s=-1
 Wavelength=2788A
 Code=02
 Carr. Lon.=288deg
 H. Ang=64deg

Mac.=FKC
 MaxkeV=144
 FePeak.c/s=15
 Rast=0"x0"
 Rast=180"x1"

#Peaks=1
 Step=0"
 Step=0"

dt= 3.8s XEN=903718
 Cad=.26s 0.256s/pixel
 Pitch=-390",Yaw=+624"

Exp #=83633

Event # = 10384
 89/02/06,21:15 Start DOY=37 Peak Pitch=-525",Yaw=+693",Roll=0deg H.Ang=63deg

SMM Pointing: N29E54
 Qual=00
 Qual=01
 Peak...c/s=42
 Wavelength=2788A
 III/2 V/2
 Type/Intensity:
 MaxkeV=102
 Rast=243"x243" Step=3" Pitch=-518",Yaw=+699"

GOES 21:14:57 21:15:11 21:15:21
 HXRBS 21:22:33 21:22:56 21:25:46
 UVSP 21:13
 Radio Sweeps
 Total Cts=106
 Exp #=83635

Event # = 10378
 89/02/06,21:26 Start DOY=37 Peak
 SMM Pointing: N29E54
 Ha...Class=SF
 Importance=M1
 Peak...c/s=102
 CaPeak.c/s=525
 Wavelength=2788A Code=00
 Exp #=83635
 H.Ang=63deg
 Carr.Lon.=314deg
 H.Ang=42deg

Optical
 GOES 21:21 21:26 21:31
 HXRBS 21:22:33 21:22:56 21:25:46
 BCS 21:09 21:25 21:47
 FCS
 UVSP 21:13
 Total Cts=2181
 FePeak=21:25
 #Peaks=1
 dt= 3.8s
 XEN=903719
 3840s/pixel
 Rast=0"x0"
 Step=0"
 Pitch=-518",Yaw=+699"

Event # = 10379
 89/02/06,23:24 Start DOY=37 Peak
 SMM Pointing: N29E53
 Ha...Class=SF
 Peak...c/s=57
 CaPeak.c/s=55
 Wavelength=1375A
 Exp #=83640
 H.Ang=62deg
 Carr.Lon.=322deg
 H.Ang=32deg

Optical
 GOES 23:17:59 23:18:28 23:18:39
 HXRBS 23:24 23:24 23:26
 BCS 22:58 23:24 23:26
 FCS
 UVSP 23:19
 Total Cts=367
 FePeak=23:24
 #Peaks=2
 dt= 3.8s
 XEN=903720
 3840s/pixel
 Rast=0"x0"
 Step=0"
 Pitch=-548",Yaw=+672"

Event # = 10380
 89/02/07,00:30 Start DOY=38 Peak
 SMM Pointing: N29E52
 Importance=C4
 Peak...c/s=112
 CaPeak.c/s=22
 Wavelength=1375A
 Code=00
 Exp #=83643
 H.Ang=61deg
 Roll=0deg

Optical
 GOES 00:27 00:30 00:36
 HXRBS 00:28:19 00:28:41 00:30:09
 BCS 00:27 00:27 00:29
 FCS
 UVSP 00:21
 Radio Sweeps
 Total Cts=3290
 FePeak=00:27
 #Peaks=1
 dt= 7.7s
 XEN=903800
 1.024s/pixel
 Cad=1.02s
 Pitch=-544",Yaw=+651"

Event # = 22384
 89/02/07,00:43 Start DOY=38 Peak
 SMM Pointing: N29E52
 CaPeak.c/s=20
 Wavelength=1375A
 Exp #=83643
 H.Ang=61deg
 Roll=0deg

Optical
 GOES 00:43 00:43 00:46
 BCS 00:43 00:43 00:46
 FCS
 UVSP 00:21
 Carr.Lon.=284deg
 H.Ang=66deg

Event # = 10381
 89/02/07,00:54 Start DOY=38 Peak
 SMM Pointing: N29E52
 Ha...Class=SF
 Importance=C4
 Peak...c/s=157
 CaPeak.c/s=85
 Wavelength=1375A
 Code=00
 Exp #=83645
 H.Ang=61deg
 Carr.Lon.=284deg
 H.Ang=66deg

Optical
 GOES 00:52 00:54 00:58
 HXRBS 00:53:00 00:53:12 00:53:40
 BCS 00:53 00:54 01:04
 FCS
 UVSP 00:53
 Total Cts=1184
 FePeak=00:54
 #Peaks=1
 dt= 3.8s
 XEN=903821
 1.024s/pixel
 Cad= 328s
 Rast=300"x240"
 Step=15"
 Pitch=-539",Yaw=+679"

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	WaveLength=1375A		Rast=30"x30"		Step=10"		
UVSP	01:54			WaveLength=1375A		Rast=30"x30"		Step=10"		
Radio	Frequency (MHz)/Flux(sfu):		2695/23 8800/28 15400/90		Exp #=83648		dt= 7.7s		XEN=903822	
							Cad= 590s		1.024s/pixel	
							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=948		FePeak.c/s=241		#Peaks=3		
FCS	02:25	02:38	02:15	CaPeak.c/s=806		Rast=240"x240"		Step=10"		
UVSP	02:25			WaveLength=1375A		Rast=30"x30"		Step=10"		
Radio	Frequency (MHz)/Flux(sfu):		2695/23 8800/28 15400/90		Exp #=83648		dt= 7.7s		XEN=903822	
							Cad= 590s		1.024s/pixel	
							Pitch=-539", Yaw=+659"			
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=948		FePeak.c/s=241		#Peaks=3		
FCS	03:28	03:38	03:28	CaPeak.c/s=806		Rast=240"x240"		Step=10"		
UVSP	03:28			WaveLength=1375A		Rast=30"x30"		Step=10"		
Radio	Frequency (MHz)/Flux(sfu):		2695/23 8800/28 15400/90		Exp #=83650		dt= 7.7s		XEN=903801	
							Cad= 590s		1.024s/pixel	
							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=948		FePeak.c/s=241		#Peaks=3		
FCS	03:28	03:38	03:28	CaPeak.c/s=806		Rast=240"x240"		Step=10"		
UVSP	03:28			WaveLength=1375A		Rast=30"x30"		Step=10"		
Radio	Frequency (MHz)/Flux(sfu):		2695/23 8800/28 15400/90		Exp #=83652		dt= 7.7s		XEN=903801	
							Cad= 590s		1.024s/pixel	
							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=M1		MaxkeV=187		Flags=M5		
BCS	04:15	04:18	04:18	Peak...c/s=948		FePeak.c/s=241		#Peaks=3		
FCS	04:08	04:17	04:17	CaPeak.c/s=806		Rast=240"x240"		Step=10"		
UVSP	04:08			WaveLength=1375A		Rast=30"x30"		Step=10"		
Radio	Frequency (MHz)/Flux(sfu):		2695/23 8800/28 15400/90		Exp #=83652		dt= 7.7s		XEN=903802	
							Cad= 590s		1.024s/pixel	
							Pitch=-523", Yaw=+668"			
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=M1		MaxkeV=187		Flags=M5		
BCS	05:08	05:12	05:08	Peak...c/s=948		FePeak.c/s=241		#Peaks=3		
FCS	04:46	04:54	04:46	CaPeak.c/s=806		Rast=240"x240"		Step=10"		
UVSP	04:46			WaveLength=1375A		Rast=30"x30"		Step=10"		
Radio	Frequency (MHz)/Flux(sfu):		2695/23 8800/28 15400/90		Exp #=83653		dt= 7.7s		XEN=903804	
							Cad= 590s		1.024s/pixel	
							Pitch=-396", Yaw=+578"			

Event # = 22390	DOY=38	Start	End times	Importance=C3	Qual=01	FePeak=05:23	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=903805
89/02/07 05:24	Peak	05:30	05:30	CaPeak.c/s=28	Qual= 1	Exp #=83654	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
GOES	05:15	05:30		Wave length=2788A			Rast=180"x1"	Step=0"	Pitch=-397"	Yaw=+573"
BCS	05:18									
FCS										
UVSP	05:44									
Event # = 10383	DOY=38	Start	End times	SMM Pointing:	N29E49		Pitch=-532"	Yaw=+640"	Roll=0deg	H.Ang=59deg
89/02/07 06:54	Peak	06:57	07:02	Ha...Class=1N	N29E54	AR5354	Mac.=FKC	Carr. Lon.=283deg		H.Ang=63deg
Optical				Importance=C4	Qual=01					
GOES	06:50	06:57	07:02	Peak...c/s=131	Qual= 1		MaxkeV=144	#Peaks=1	dt= 3.8s	XEN=903806
HXRBS	06:50:52	06:52:22	07:02	CaPeak.c/s=93			FePeak.c/s=19	Step=10"	Cad= 590s	1.024s/pixel
BCS	06:51	06:53		Wave length=2788A			Rast=240"x240"	Step=0"	Pitch=-398"	Yaw=+565"
FCS							Rast=180"x1"			
UVSP	07:19									
Event # = 22391	DOY=38	Start	End times	Ha...Class=1F	N32E51	AR5354	Mac.=FKC	Carr. Lon.=285deg		H.Ang=62deg
89/02/07 07:56	Peak	08:05	08:24	Importance=C4	Qual=05		FePeak.c/s=9	#Peaks=1	dt= 3.8s	XEN=903807
Optical				CaPeak.c/s=45	Qual= 5		Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
GOES	07:52	08:05	08:24	Wave length=2788A	Code=00	Exp #=83657	Rast=180"x1"	Step=0"	Pitch=-399"	Yaw=+562"
BCS	08:02	08:03								
FCS										
UVSP	07:53									
Event # = 22392	DOY=38	Start	End times	CaPeak.c/s=34	Qual=00	FePeak=08:49	FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=903808
89/02/07 08:53	Peak	08:59	08:59	Wave length=2788A	Qual= 1	Exp #=83658	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
GOES	08:49	08:53	08:59				Rast=180"x1"	Step=0"	Pitch=-399"	Yaw=+557"
BCS	08:49	08:53								
FCS										
UVSP	08:51									
Event # = 22393	DOY=38	Start	End times	Importance=C4	Qual=05	FePeak=09:37	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=903809
89/02/07 09:25	Peak	09:29	09:47	CaPeak.c/s=29	Qual= 5	Exp #=83659	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
GOES	09:22	09:25	09:37	Wave length=2788A	Code=02		Rast=180"x1"	Step=0"	Pitch=-399"	Yaw=+554"
BCS	09:36	09:37								
FCS										
UVSP	09:28									
Event # = 22394	DOY=38	Start	End times	Importance=C3	Qual=01	FePeak=10:03	FePeak.c/s=12	#Peaks=1	dt= 7.7s	XEN=903810
89/02/07 10:04	Peak	10:12	10:12	CaPeak.c/s=42	Qual= 1	Exp #=83660	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
GOES	10:00	10:04	10:12	Wave length=2788A			Rast=180"x1"	Step=0"	Pitch=-400"	Yaw=+548"
BCS	10:00	10:03								
FCS										
UVSP	10:26									

Event # = 22395	89/02/07, 13:29	Start	DOY=38	Peak	End times												
Optical																	
GOES	13:29	13:32	13:29	13:30	13:32												
BCS				AR5354													
FCS				FePeak=13:30													
UVSP	13:33			Exp #=83664													
Event # = 10386	89/02/07, 15:09	Start	DOY=38	Peak	End times												
GOES	15:07	15:15	15:09	15:15	15:15												
HXRBS	15:07:23	15:08:12	15:07:37	15:08:12	15:13												
BCS	15:08	15:13	15:09	15:13	15:13												
FCS																	
UVSP	15:05																
Event # = 22396	89/02/07, 15:57	Start	DOY=38	Peak	End times												
GOES	15:50	16:03	15:57	16:03	16:03												
BCS																	
FCS																	
UVSP	15:41																
Event # = 22397	89/02/07, 16:40	Start	DOY=38	Peak	End times												
Optical																	
GOES	16:36	16:47	16:40	16:47	16:47												
BCS	16:44	16:46	16:45	16:46	16:46												
FCS																	
UVSP	16:39																
Event # = 10385	89/02/07, 17:35	Start	DOY=38	Peak	End times												
GOES	17:30	17:46	17:35	17:46	17:46												
HXRBS	17:33:08	17:33:58	17:33:31	17:33:58	17:46												
BCS	17:29	17:46	17:36	17:46	17:46												
FCS																	
UVSP	17:15																
Event # = 10388	89/02/07, 19:05	Start	DOY=38	Peak	End times												
Optical																	
GOES	18:37	19:05	19:05	19:05	19:05												
HXRBS	19:12:42	19:13:10	19:13:10	19:13:50	19:28												
BCS	18:57	19:01	19:01	19:13:50	19:28												
FCS																	
UVSP	19:05																
HXRBS	18:56:13	18:56:24	18:56:24	18:57:26	18:57:26												
UVSP	18:48																

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			Wavelength=1375A	Qual=1	Exp #=83675	Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel
FCS						Rast=30"x30"	Step=10"	Pitch=-571"	Yaw=+580"
UVSP	20:36								
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	Exp #=83678	Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel
FCS			Wavelength=1375A	Code=02		Rast=265"x265"	Step=5"	Pitch=-569"	Yaw=+554"
UVSP	22:07								
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			Wavelength=1375A	Qual=3	Exp #=83682	Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel
FCS						Rast=30"x30"	Step=10"	Pitch=-557"	Yaw=+568"
UVSP	22:40								
89/02/08 DOY=39									
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			Wavelength=1375A	Qual=4	Exp #=83687	Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel
FCS						Rast=30"x30"	Step=10"	Pitch=-517"	Yaw=+518"
UVSP	00:15								
89/02/08 DOY=39									
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	CaPeak.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	Exp #=83694	Rast=0"x0"	Step=5"	Pitch=-571"	Yaw=+526"
FCS			Peak3..c/s=-1	Code=00		Rast=70"x70"			
UVSP	02:50		Wavelength=1375A						
89/02/08 DOY=39									
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	Exp #=83695	Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel
FCS			Wavelength=1375A			Rast=265"x265"	Step=5"	Pitch=-572"	Yaw=+517"
UVSP	04:20								

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
 Pitch=-583",Yaw=+463",Roll=0deg
 Carr.Lon.=265deg
 H.Ang=50deg
 H.Ang=64deg
 MaxkeV=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 15:03
 Radio Frequency(MHz)/Flux(sfu):
 SMM Pointing: N37E37
 Ha...Class=1N
 Importance=M1
 CaPeak.c/s=492
 Wavelength=2788A Code=00
 Exp #=83719
 Carr.Lon.=282deg
 H.Ang=56deg
 #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 16:01
 SMM Pointing: N30E20
 Ha...Class=SF
 Importance=C6
 CaPeak.c/s=44
 Wavelength=2788A
 Code=00
 Exp #=83720
 Carr.Lon.=298deg
 H.Ang=41deg
 #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 17:35
 Radio Sweeps
 Radio Frequency(MHz)/Flux(sfu):
 SMM Pointing: N30E27
 Ha...Class=SF
 Importance=C6
 CaPeak.c/s=44
 Wavelength=2788A
 Code=00
 Exp #=83722
 Carr.Lon.=298deg
 H.Ang=41deg
 #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 18:10
 SMM Pointing: N31E29
 Ha...Class=2B
 Importance=X1
 Peak...c/s=661
 CaPeak.c/s=3745
 Wavelength=1375A
 Code=00
 Exp #=83723
 Carr.Lon.=289deg
 H.Ang=47deg
 #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 21:28
 SMM Pointing: N31E29
 Ha...Class=2B
 Importance=X1
 Peak...c/s=661
 CaPeak.c/s=3745
 Wavelength=1375A
 Code=00
 Exp #=83727
 Carr.Lon.=289deg
 H.Ang=45deg
 #Peaks=1
 Step=0"
 Step=0"
 dt= 7.7s
 Cad=3840s
 Pitch=-453",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		23:16		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	
Start	Peak								
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"	
Event # = 11677									
89/02/09,02:37	D0Y=40			SMM Pointing:	N31E26		Pitch=-590",Yaw=+362",Roll=0deg	H.Ang=45deg	
Start	Peak								
Optical									
GOES	02:34	02:37	02:41	Ha...Class=SF	M22E47	ARS355	Mac.=CA0	Carr. Lon.=266deg	
HRBS	02:34:43	02:35:17	02:35:51	Importance=C6	Qual=01	Tot Cts=2300	MaxkeV=102	Flags=I	
BCS	02:07	02:36	03:02	Peak...c/s=161	Qual=01	FePeak=02:36	FePeak.c/s=16	#Peaks=2	
FCS				CaPeak.c/s=59	Qual= 1		Rast=0"x0"	Step=0"	
UVSP	02:12			Wavelength=1375A	Code=00	Exp #=83744	Rast=30"x30"	Step=10"	
Radio Sweeps				III/I			Pitch=-646",Yaw=+443"		
Event # = 22414									
89/02/09,03:46	D0Y=40								
Start	Peak								
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		Rast=0"x0"	Step=0"	
FCS				Wavelength=1375A		Exp #=83749	Rast=30"x30"	Step=10"	
UVSP	03:46								
Event # = 22415									
89/02/09,05:58	D0Y=40								
Start	Peak								
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		Rast=0"x0"	Step=0"	
FCS						Exp #=83756	Rast=30"x30"	Step=10"	
UVSP	05:50								
Event # = 22416									
89/02/09,06:48	D0Y=40								
Start	Peak								
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		Rast=0"x0"	Step=0"	
FCS						Exp #=83757	Rast=265"x265"	Step=5"	
UVSP	06:49								

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	CaPeak.c/s=22	Qual=4	FePeak=10:33	Exp #=83768	Wavelength=1375A											
BCS	10:33			10:36	10:49	CaPeak.c/s=22	Qual=4	FePeak=10:33	Exp #=83768	Wavelength=1375A											
FCS	10:33			10:36	10:49	CaPeak.c/s=22	Qual=4	FePeak=10:33	Exp #=83768	Wavelength=1375A											
UVSP	10:31			10:36	10:49	CaPeak.c/s=22	Qual=4	FePeak=10:33	Exp #=83768	Wavelength=1375A											
Event # = 10395		DOY=40		End times																	
89/02/09	10:44	Start	Peak	10:44:52	10:45:00	Peak...c/s=61	Qual=01	Tot Cts=133	Exp #=83769	Wavelength=2788A											
GOES	10:44:44			10:44:52	10:45:00	Peak...c/s=61	Qual=01	Tot Cts=133	Exp #=83769	Wavelength=2788A											
HXRBS	10:44:44			10:44:52	10:45:00	Peak...c/s=61	Qual=01	Tot Cts=133	Exp #=83769	Wavelength=2788A											
UVSP	10:43			10:44:52	10:45:00	Peak...c/s=61	Qual=01	Tot Cts=133	Exp #=83769	Wavelength=2788A											
Event # = 22418		DOY=40		End times																	
89/02/09	12:13	Start	Peak	12:13	12:24	CaPeak.c/s=62	Qual=1	FePeak=12:12	Exp #=83771	Wavelength=2788A											
Optical	12:09			12:13	12:24	CaPeak.c/s=62	Qual=1	FePeak=12:12	Exp #=83771	Wavelength=2788A											
GOES	12:09			12:13	12:24	CaPeak.c/s=62	Qual=1	FePeak=12:12	Exp #=83771	Wavelength=2788A											
BCS	12:09			12:13	12:24	CaPeak.c/s=62	Qual=1	FePeak=12:12	Exp #=83771	Wavelength=2788A											
FCS	12:16			12:13	12:24	CaPeak.c/s=62	Qual=1	FePeak=12:12	Exp #=83771	Wavelength=2788A											
UVSP	12:16			12:13	12:24	CaPeak.c/s=62	Qual=1	FePeak=12:12	Exp #=83771	Wavelength=2788A											
Event # = 10399		DOY=40		End times																	
89/02/09	13:01	Start	Peak	13:01	13:50	CaPeak.c/s=5553	Qual=5	FePeak=13:01	Exp #=83772	Wavelength=2788A											
Optical	12:54			13:01	13:50	CaPeak.c/s=5553	Qual=5	FePeak=13:01	Exp #=83772	Wavelength=2788A											
GOES	12:54			13:01	13:50	CaPeak.c/s=5553	Qual=5	FePeak=13:01	Exp #=83772	Wavelength=2788A											
HXRBS	12:59:40			13:00:03	13:14:22	Peak...c/s=23910	Qual=04	Tot Cts=1.90E+6	MaxkeV=856	Flags=M5, SN, ES											
GRS	13:00:00			13:00:03	13:14:22	Peak...c/s=23910	Qual=04	Tot Cts=1.90E+6	MaxkeV=856	Flags=M5, SN, ES											
BCS	13:01			13:02	13:50	CaPeak.c/s=5553	Qual=5	FePeak=13:01	Exp #=83772	Wavelength=2788A											
FCS	12:53			13:02	13:50	CaPeak.c/s=5553	Qual=5	FePeak=13:01	Exp #=83772	Wavelength=2788A											
UVSP	12:53			13:02	13:50	CaPeak.c/s=5553	Qual=5	FePeak=13:01	Exp #=83772	Wavelength=2788A											
Radio	12:53			13:02	13:50	CaPeak.c/s=5553	Qual=5	FePeak=13:01	Exp #=83772	Wavelength=2788A											
Sweeps	12:53			13:02	13:50	CaPeak.c/s=5553	Qual=5	FePeak=13:01	Exp #=83772	Wavelength=2788A											
Radio	12:53			13:02	13:50	CaPeak.c/s=5553	Qual=5	FePeak=13:01	Exp #=83772	Wavelength=2788A											
Frequency	12:53			13:02	13:50	CaPeak.c/s=5553	Qual=5	FePeak=13:01	Exp #=83772	Wavelength=2788A											
(MHz)/Flux	12:53			13:02	13:50	CaPeak.c/s=5553	Qual=5	FePeak=13:01	Exp #=83772	Wavelength=2788A											
(sfu)	12:53			13:02	13:50	CaPeak.c/s=5553	Qual=5	FePeak=13:01	Exp #=83772	Wavelength=2788A											
BCS	13:50			13:50	13:57	CaPeak.c/s=276	Qual=5	FePeak=13:50	Exp #=83773	Wavelength=2788A											
FCS	13:50			13:50	13:57	CaPeak.c/s=276	Qual=5	FePeak=13:50	Exp #=83773	Wavelength=2788A											
UVSP	13:51			13:50	13:57	CaPeak.c/s=276	Qual=5	FePeak=13:50	Exp #=83773	Wavelength=2788A											
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	Wavelength=2788A											
GOES	14:34			14:34	15:30	CaPeak.c/s=116	Qual=5	FePeak=14:34	Exp #=83774	Wavelength=2788A											
BCS	14:34			14:34	15:30	CaPeak.c/s=116	Qual=5	FePeak=14:34	Exp #=83774	Wavelength=2788A											
FCS	14:25			14:34	15:30	CaPeak.c/s=116	Qual=5	FePeak=14:34	Exp #=83774	Wavelength=2788A											
UVSP	14:25			14:34	15:30	CaPeak.c/s=116	Qual=5	FePeak=14:34	Exp #=83774	Wavelength=2788A											
Event # = 22421		DOY=40		End times																	
89/02/09	16:09	Start	Peak	16:09	16:14	CaPeak.c/s=19	Qual=5	FePeak=16:09	Exp #=83776	Wavelength=2788A											
GOES	16:09			16:09	16:14	CaPeak.c/s=19	Qual=5	FePeak=16:09	Exp #=83776	Wavelength=2788A											
BCS	16:09			16:09	16:14	CaPeak.c/s=19	Qual=5	FePeak=16:09	Exp #=83776	Wavelength=2788A											
FCS	16:09			16:09	16:14	CaPeak.c/s=19	Qual=5	FePeak=16:09	Exp #=83776	Wavelength=2788A											
UVSP	16:00			16:09	16:14	CaPeak.c/s=19	Qual=5	FePeak=16:09	Exp #=83776	Wavelength=2788A											

Event # = 22422
 89/02/09, 17:02 DOY=40
 GOES 16:57 17:02 Peak
 BCS 16:24 17:02
 FCS
 UVSP 16:58
 End times
 17:09
 17:04
 Importance=C4
 CaPeak.c/s=31
 Peak3..c/s=-1
 Wavelength=2788A
 Code=00
 Exp #=83777
 FePeak=17:03
 Qual=5
 FePeak=17:03
 FePeak.c/s=8
 Rast=0"x0"
 Rast=180"x1"
 #Peaks=1
 Step=0"
 dt= 7.7s
 Cad=10.2s
 Pitch=-461", Yaw=+188"

Event # = 10400
 89/02/09, 19:30 DOY=40
 Optical
 GOES 19:25 19:30 Peak
 HXRBS 19:25:24 19:28:34
 BCS 19:26 19:30
 FCS
 UVSP 19:20
 Radio Sweeps
 Radio Frequency (MHz)/Flux(sfu):
 245/450 4995/60 8800/80
 Associated
 Event # = 22423
 FePeak=19:36
 Qual=5
 CaPeak.c/s=27
 SMM Pointing: N31E17
 Ha...Class=IN
 Importance=M1
 Peak...c/s=314
 CaPeak.c/s=554
 Wavelength=2788A
 Code=00
 Exp #=83781
 FePeak=19:29
 Tot Cts=14436
 MaxkeV=144
 FePeak.c/s=152
 Rast=0"x0"
 Rast=243"x243"
 #Peaks=1
 Step=0"
 dt= 3.8s
 Cad=3840s
 Pitch=-589", Yaw=+254"
 Carr. Lon.=275deg
 H. Ang=46deg
 Mac.=FKC
 Pitch=-595", Yaw=+241", Roll=0deg
 H. Ang=41deg

Event # = 22424
 89/02/09, 19:48 DOY=40
 Optical
 GOES 19:48 19:48 Peak
 BCS 19:48 19:48
 FCS
 UVSP 19:20
 End times
 19:48
 Ha...Class=SF
 CaPeak.c/s=19
 Wavelength=2788A
 FePeak=19:48
 Exp #=83781
 Mac.=CAO
 Carr. Lon.=264deg
 H. Ang=47deg
 FePeak.c/s=7
 Rast=0"x0"
 Rast=243"x243"
 #Peaks=1
 Step=0"
 dt= 7.7s
 Cad=3840s
 Pitch=-589", Yaw=+254"

Event # = 10398
 89/02/09, 20:52 DOY=40
 Optical
 GOES 20:49 20:52 Peak
 HXRBS 20:49:31 20:49:44
 BCS 20:50 20:51
 FCS
 UVSP 20:50
 Radio Frequency (MHz)/Flux(sfu):
 8800/78 15400/59
 SMM Pointing: N31E16
 Importance=C4
 Peak...c/s=299
 CaPeak.c/s=85
 Peak3..c/s=-1
 Wavelength=1375A
 Code=00
 Exp #=83782
 FePeak=20:51
 Tot Cts=3014
 MaxkeV=144
 FePeak.c/s=15
 Rast=0"x0"
 Rast=265"x265"
 #Peaks=1
 Step=0"
 dt= 3.8s
 Cad=10.2s
 Pitch=-589", Yaw=+243"
 Carr. Lon.=264deg
 H. Ang=41deg

Event # = 22425
 89/02/10, 03:33 DOY=41
 Optical
 GOES 03:32 03:33 Peak
 BCS 03:32 03:33
 FCS
 UVSP 03:08
 End times
 03:36
 CaPeak.c/s=21
 Wavelength=1375A
 FePeak=03:34
 Qual=4
 FePeak=03:34
 Exp #=83804
 FePeak.c/s=13
 Rast=0"x0"
 Rast=30"x30"
 #Peaks=1
 Step=0"
 dt= 7.7s
 Cad=3840s
 Pitch=-589", Yaw=+259"

Event # = 10401
 89/02/10,04:36 DOY=41 Peak Pitch=-598", Yaw=+173", Roll=0deg H. Ang=40deg
 Start End times 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
 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 End times Qual= 1 Rast=0"x0" Cad=.26s 0.256s/pixel
 GOES 06:09 06:13 06:56 CaPeak.c/s=104 Qual= 1 Step=0" Pitch=-591", Yaw=+174"
 BCS Peak3...c/s=1
 FCS Wavelength=1375A
 UVSP 06:11 Exp #=83809 Rast=265"x265" Step=5"

Event # = 22427
 89/02/10,10:53 DOY=41 Peak FePeak.c/s=9 dt= 7.7s XEN=904102
 Start End times Qual=00 Rast=180"x1" Cad=1.02s 1.024s/pixel
 GOES 10:52 10:53 10:55 CaPeak.c/s=20 Qual= 4 Step=0" Pitch=-465", Yaw=+57"
 BCS Wavelength=2788A
 FCS
 UVSP 10:41 Exp #=83827 Rast=180"x1"

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

Event # = 22428
 89/02/10,14:50 DOY=41 Peak FePeak.c/s=6 dt= 7.7s XEN=904103
 Start End times Qual=00 Rast=0"x0" Cad=1.02s 1.024s/pixel
 GOES 14:50 14:50 14:52 CaPeak.c/s=18 Qual= 4 Step=0" Pitch=-466", Yaw=+26"
 BCS Wavelength=2788A
 FCS
 UVSP 14:46 Exp #=83832 Rast=180"x1"

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

89/02/11 DOY=42

Event # = 22429 DOY=42
 89/02/11,00:59 DOY=42
 Start Peak
 GOES 00:54 00:59
 BCS 00:57 00:58
 FCS
 UVSP 00:56

End times
 01:05
 01:03

Importance=C3 Qual=01
 CaPeak.c/s=26 Qual= 4 FePeak=00:57
 Wavelength=1375A Code=00 Exp #=83853

FePeak.c/s=7
 Rast=0"x0"
 Rast=30"x30"
 #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 DOY=42
 Start Peak
 GOES 04:29 04:34
 BCS 04:33 04:33
 FCS
 UVSP 04:03

End times
 05:00
 04:38

Importance=C3 Qual=01
 CaPeak.c/s=19 Qual= 4 FePeak=04:33
 Wavelength=1375A Code=00 Exp #=83863

FePeak.c/s=13
 Rast=0"x0"
 Rast=30"x30"
 #Peaks=1 dt= 7.7s XEN=904201
 Step=0" Cad=1.02s 1.024s/pixel
 Step=10" Pitch=-588" ,Yaw=+46"

Event # = 10404 DOY=42
 89/02/11,12:21 DOY=42
 Start Peak
 Optical
 GOES 11:33 12:21
 HXRBS 11:43:29 11:46:12
 BCS 11:45 11:46
 FCS
 UVSP 12:35

End times
 13:15
 11:54:41
 12:41

SMM Pointing: N29E04
 Ha...Class=2N N22E15
 Importance=M3 Qual=02 AR5355
 Peak...c/s=52 Qual=04
 CaPeak.c/s=886 Qual= 5
 Tot Cts=4083
 FePeak=11:45

Wavelength=2788A
 CaPeak.c/s=21 Exp #=83885
 Associated Event # = 22431
 Qual= 5 FePeak=12:41

Pitch=-574" ,Yaw=+60" ,Roll=0deg H. Ang=36deg
 Mac.=DR0 Carr. Lon.=266deg H. Ang=32deg
 MaxkeV=102 Flags=SN,ES
 FePeak.c/s=186 #Peaks=1 dt= 3.8s XEN=904202
 Rast=180"x180" Cad= 332s 1.024s/pixel
 Rast=180"x1" Pitch=-439" ,Yaw=+238"

FePeak.c/s=6 #Peaks=1 dt= 7.7s XEN=904203
 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel

FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=904204
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
 Rast=180"x1" Step=0" Pitch=-439" ,Yaw=+233"

Event # = 10403 DOY=42
 89/02/11,15:00 DOY=42
 Start Peak
 Optical
 GOES 14:56 15:00
 HXRBS 14:57:22 14:58:47
 BCS 14:58 15:00
 FCS
 UVSP 14:43
 Radio Sweeps
 Radio Frequency (MHz)/Flux(sfu): 245/300

End times
 15:03
 14:59:21
 15:04

SMM Pointing: N29E02
 Ha...Class=SF N31W05
 Importance=C4 Qual=01 AR5354
 Peak...c/s=54 Qual=01
 CaPeak.c/s=104 Qual= 1
 Tot Cts=639
 FePeak=15:01

Wavelength=2788A Code=00 Exp #=83888
 III/2
 Type/Intensity: 245/300

Pitch=-574" ,Yaw=+36" ,Roll=0deg H. Ang=36deg
 Mac.=FKC Carr. Lon.=285deg H. Ang=38deg
 MaxkeV=102
 FePeak.c/s=17 #Peaks=1 dt= 3.8s XEN=904205
 Rast=420"x240" Step=15" Cad= 459s 1.024s/pixel
 Rast=180"x1" Step=0" Pitch=-440" ,Yaw=+222"

Event # = 22433 DOY=42
 89/02/11,16:25 DOY=42
 Start Peak
 Optical
 GOES 16:18 16:25
 BCS 16:28 16:32
 FCS
 UVSP 16:18

End times
 16:35
 16:43

SMM Pointing: N18E37
 Ha...Class=SN N18E37
 Importance=C7 Qual=05 AR5357
 CaPeak.c/s=21 Qual= 4 FePeak=16:32

Wavelength=2788A Code=00 Exp #=83890

Mac.=DAI Carr. Lon.=242deg H. Ang=44deg
 FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=904206
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
 Rast=180"x1" 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
 Qual=05
 Qual=7 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"

89/02/13 DOY=44

Event # = 10405

89/02/13,03:29 DOY=44
 Start Peak
 Optical N29W17 SMM Pointing: Pitch=-571",Yaw=-241",Roll=0deg H.Ang=40deg
 GOES 03:20 03:29 03:39 Ha...Class=SF N30W25 AR5354 MaxkeV=144 Carr.Lon.=285deg H.Ang=44deg
 HXRBS 03:22:20 03:23:53 03:26:25 Importance=C8 Qual=03 dt= 3.8s XEN=904400
 BCS 03:21 03:26 03:38 CaPeak.c/s=267 Qual=01 FePeak=1 #Peaks=1 Cad= 590s 1.024s/pixel
 FCS UVSP 02:46 Type/Intensity: Rast=240"x240" Step=10" dt= 3.8s XEN=904400
 Radio Sweeps Radio Frequency (MHz)/Flux(sfu): 2695/72 4995/120 8800/71
 Radio Type/Intensity: III/1
 Radio Frequency (MHz)/Flux(sfu): 2695/72 4995/120 8800/71

Event # = 10406

89/02/13,07:41 DOY=44
 Start Peak
 GOES N29W19 SMM Pointing: Pitch=-569",Yaw=-276",Roll=0deg H.Ang=41deg
 HXRBS 07:34:58 07:41:59 07:45:46 Peak...c/s=48 Qual=01 MaxkeV=144 Carr.Lon.=282deg H.Ang=47deg
 UVSP 07:27 07:27 07:27 Wavelength=1375A WaveLength=1375A Exp #=83979 Step=10" Pitch=-455",Yaw=-171"

Event # = 10407

89/02/13,07:52 DOY=44
 Start Peak
 Optical N29W21 SMM Pointing: Pitch=-567",Yaw=-311",Roll=0deg H.Ang=42deg
 GOES 12:05 12:11 12:15 Ha...Class=SF S16E13 AR5356 MaxkeV=102 Carr.Lon.=242deg H.Ang=16deg
 HXRBS 12:06:49 12:07:47 12:07:59 Importance=C4 Qual=03 MaxkeV=102 Carr.Lon.=242deg H.Ang=16deg
 UVSP 11:54 11:54 11:54 CaPeak.c/s=39 Qual=01 Rast=180"x1" Step=0" Pitch=-434",Yaw=-125"

Event # = 10408

89/02/13,15:23 DOY=44
 Start Peak
 GOES N29W19 SMM Pointing: Pitch=-570",Yaw=-278",Roll=0deg H.Ang=41deg
 HXRBS 15:23:20 15:23:26 15:23:37 Peak...c/s=51 Qual=00 MaxkeV=102 Carr.Lon.=242deg H.Ang=41deg
 UVSP 15:01 15:01 15:01 Wavelength=2788A WaveLength=2788A Exp #=83991 Step=0" Pitch=-436",Yaw=-92"

Event # = 10410

89/02/13,18:30 DOY=44
 Start Peak
 Optical N29W21 SMM Pointing: Pitch=-569",Yaw=-301",Roll=0deg H.Ang=41deg
 GOES 18:16 18:30 18:54 Ha...Class=SF S18E09 AR5356 MaxkeV=187 Carr.Lon.=242deg H.Ang=14deg
 HXRBS 18:25:48 18:26:16 18:26:49 Importance=M1 Qual=03 dt= 7.7s XEN=904401
 BCS 18:16 18:28 19:12 CaPeak.c/s=67 Qual=01 FePeak=1 #Peaks=1 Cad= 590s 1.024s/pixel
 FCS UVSP 18:08 Type/Intensity: Rast=180"x1" Step=0" Pitch=-434",Yaw=-115"
 Radio Sweeps Radio Frequency (MHz)/Flux(sfu): 2695/72 4995/120 8800/71
 Radio Type/Intensity: III/2

Event # = 10411
 89/02/13,21:22 DOY=44 H. Ang=42deg
 Start Peak Pitch=-567", Yaw=-324", Roll=0deg
 Optical Carr. Lon.=214deg
 Ha...Class=SF H. Ang=50deg
 N29W22
 N30E36
 Qual=01
 Qual=01
 Peak...c/s=44
 Wavelength=1375A
 Tot Cts=205
 Exp #=83999
 MaxkeV=102
 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 Carr. Lon.=251deg
 Ha...Class=SF H. Ang=12deg
 S18W03
 Qual=01
 Qual=01
 Peak...c/s=103
 Wavelength=1375A
 Code=00
 Tot Cts=1729
 Exp #=84008
 MaxkeV=102
 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 Carr. Lon.=251deg
 Ha...Class=SF H. Ang=12deg
 S18W03
 Qual=01
 Qual=01
 Peak...c/s=41
 CaPeak.c/s=32
 Wavelength=1375A
 Code=00
 Tot Cts=325
 FePeak=23:45
 Exp #=84008
 MaxkeV=102
 FePeak.c/s=8
 Step=0"x0"
 Rast=30"x30" Step=10" Pitch=-623", Yaw=-444"
 dt= 7.7s XEN=904403
 Cad=1.02s 1.024s/pixel
 Pitch=-623", Yaw=-444"

Event # = 10414
 89/02/14,05:19 DOY=45 H. Ang=44deg
 Start Peak Pitch=-564", Yaw=-379", Roll=0deg
 Optical Carr. Lon.=285deg
 Ha...Class=1F H. Ang=53deg
 N29W27
 N29W40
 Qual=03
 Qual=01
 Qual=4
 Peak...c/s=56
 CaPeak.c/s=476
 Wavelength=1375A
 Code=00
 III/2
 Type/Intensity:
 Radio Sweeps 2695/72 8800/46
 Frequency(MHz)/Flux(sfu):
 Tot Cts=1070
 FePeak=05:17
 Exp #=84026
 MaxkeV=102
 FePeak.c/s=92
 Step=10" dt= 7.7s XEN=904500
 Rast=180"x180" Cad= 332s 1.024s/pixel
 Step=10" Pitch=-610", Yaw=-474"

Event # = 10415
 89/02/14,06:03 DOY=45 H. Ang=44deg
 Start Peak Pitch=-564", Yaw=-379", Roll=0deg
 Optical Carr. Lon.=243deg
 Ha...Class=SB H. Ang=10deg
 S17E02 H. Ang=11deg
 S17E03
 Qual=00
 Qual=01
 Peak...c/s=633
 Wavelength=1375A
 Tot Cts=12131
 Exp #=84028
 MaxkeV=274
 Rast=30"x30" Step=10" Pitch=-640", Yaw=-458"
 Frequency(MHz)/Flux(sfu):
 8800/190 15400/290

Event # = 10416
89/02/14,07:12 DOY=45
Peak
Optical N29W27
SMM Pointing: Pitch=-564",Yaw=-390",Roll=0deg H.Ang=45deg
GOES N20W44
Ha...Class=SN AR5354
MaxkeV=102 Carr.Lon.=288deg H.Ang=51deg
HXRBs 07:02:32 07:09:53 07:12:05
Peak...c/s=60
BCS 06:43 07:12 07:40
CaPeak.c/s=399 Tot Cts=2122
Qual=1 FePeak=07:11
UVSP 06:49 Wavelength=1375A
Exp #=84031
#Peaks=2 dt= 7.7s XEN=904501
Step=10" Cad= 590s XEN=904501
Step=10" Pitch=-584",Yaw=-485"

Event # = 22439
89/02/14,08:46 DOY=45
Peak
GOES Qual=00
BCS 08:18 08:46 09:14
CaPeak.c/s=24 FePeak=08:47
Qual=4
UVSP 09:07 Wavelength=2788A
Exp #=84036
#Peaks=1 dt= 7.7s XEN=904502
Step=0" Cad=1.02s XEN=904502
Step=0" Pitch=-429",Yaw=-222"

Event # = 22440
89/02/14,09:51 DOY=45
Peak
Optical N23W22
Ha...Class=SN AR5355
GOES N30W40
BCS 09:50 09:51 10:46
CaPeak.c/s=44 FePeak=10:24
Qual=4
UVSP 09:41 Wavelength=2788A
Exp #=84037
Carr.Lon.=265deg H.Ang=37deg
#Peaks=1 dt= 7.7s XEN=904503
Step=0" Cad=1.02s XEN=904503
Step=0" Pitch=-428",Yaw=-226"

Event # = 22441
89/02/14,12:03 DOY=45
Peak
Optical N30W40
Ha...Class=SF AR5354
GOES N30W40
BCS 12:03 12:03 12:11
CaPeak.c/s=29 FePeak=12:03
Qual=5
UVSP 12:14 Wavelength=2788A
Exp #=84040
Carr.Lon.=282deg H.Ang=53deg
#Peaks=1 dt= 7.7s XEN=904504
Step=0" Cad=1.02s XEN=904504
Step=0" Pitch=-427",Yaw=-243"

Event # = 22442
89/02/14,13:02 DOY=45
Peak
GOES Qual=00
BCS 12:57 13:02 13:41
CaPeak.c/s=26 FePeak=12:58
Qual=5
UVSP 12:48 Wavelength=2788A
Exp #=84041
#Peaks=1 dt= 7.7s XEN=904505
Step=0" Cad=1.02s XEN=904505
Step=0" Pitch=-427",Yaw=-247"

Event # = 10417
89/02/14,14:31 DOY=45
Peak
GOES N29W31
SMM Pointing: Pitch=-561",Yaw=-433",Roll=0deg H.Ang=47deg
HXRBs 14:31:08 14:31:18 14:31:35
Peak...c/s=49
UVSP 14:23 Wavelength=2788A
Exp #=84043
Tot Cts=177
Exp #=84043
Step=0" Pitch=-427",Yaw=-257"

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 15:15:57 15:18:45 15:22:08 WaveLength=2788A FePeak=16:19 dt= 7.7s XEN=904506
 UVSP 15:21 MaxkeV=102 Rast=180"x1" Step=0" Flags=SA
 dt= 7.7s XEN=904506
 Cad=1.02s 1.024s/pixel
 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 16:19 16:20 16:23 WaveLength=2788A FePeak=16:19 dt= 7.7s XEN=904506
 FCS 16:19 16:20 16:23 WaveLength=2788A FePeak=16:19 dt= 7.7s XEN=904506
 UVSP 15:55 MaxkeV=102 Rast=180"x1" Step=0" Flags=SA
 dt= 7.7s XEN=904506
 Cad=1.02s 1.024s/pixel
 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 20:55 20:56 21:03 WaveLength=2788A FePeak=20:56 dt= 7.7s XEN=904507
 FCS 20:55 20:56 21:03 WaveLength=2788A FePeak=20:56 dt= 7.7s XEN=904507
 UVSP 20:37 MaxkeV=102 Rast=180"x1" Step=0" Flags=SA
 dt= 7.7s XEN=904507
 Cad=1.02s 1.024s/pixel
 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 00:45:57 00:46:12 00:46:40 WaveLength=1375A Tot Cts=384
 UVSP 00:28 MaxkeV=102 Rast=30"x30" Step=10" Pitch=-576", Yaw=-527" Exp #=84062

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 03:26 03:34 03:39 Ha...Class=1N Carr. Lon.=296deg H. Ang=70deg
 GOES 03:26 03:34 03:39 Importance=7 AR5354
 HXRBS 03:25:14 03:27:21 03:34:29 Peak...c/s=281 Qual=01
 BCS 03:28 03:31 03:41 CaPeak.c/s=50 Tot Cts=10837
 FCS 03:04 WaveLength=1375A Code=00 FePeak=03:31
 UVSP Frequency(MHz)/Flux(sfu): 245/140 410/68 FePeak=03:31
 Radio MaxkeV=187 Rast=30"x30" Step=10" Pitch=-580", Yaw=-588" Exp #=84067

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 04:38:56 04:39:09 04:39:24 WaveLength=1375A Tot Cts=172
 UVSP 04:38 MaxkeV=102 Rast=10"x10" Step=0" Pitch=-569", Yaw=-617" Exp #=84072

Event # = 22445		DOY=46		End times					
89/02/15, 06:47	Start	06:42	06:47	07:02	07:02	Ha...Class=SF	N29W51	AR5354	Mac.=FKI
Optical							Qual=00		
GOES							Qual=1	FePeak=06:46	FePeak.c/s=14
BCS						CaPeak.c/s=50		Exp #=84083	Rast=0"x0"
FCS						Wavelength=2788A			Rast=243"x21"
UVSP									Pitch=-545", Yaw=-530"
Event # = 10422		DOY=46		End times					
89/02/15, 08:22	Start	08:22:08	08:22:17	08:22:30	08:22:30	SMM Pointing:	N29W41		Pitch=-551", Yaw=+551", Roll=90deg
GOES							Qual=00		H. Ang=53deg
HXRBS						Peak...c/s=50	Qual=01	Tot Cts=122	
UVSP						Wavelength=2788A		Exp #=84085	MaxkeV=102
									Rast=243"x243" Step=3" Pitch=-545", Yaw=+564"
Event # = 10423		DOY=46		End times					
89/02/15, 08:31	Start	08:30:52	08:31:14	08:31:44	08:31:44	SMM Pointing:	N29W41		Pitch=-551", Yaw=+551", Roll=90deg
GOES							Qual=00		H. Ang=53deg
HXRBS						Peak...c/s=46	Qual=01	Tot Cts=436	
UVSP						Wavelength=2788A		Exp #=84085	MaxkeV=102
									Rast=243"x243" Step=3" Pitch=-545", Yaw=+564"
Event # = 10424		DOY=46		End times					
89/02/15, 19:11	Start	18:48	19:11	19:22	19:22	SMM Pointing:	N29W56		Pitch=-531", Yaw=-704", Roll=0deg
Optical							S16W17	AR5356	H. Ang=65deg
GOES						Ha...Class=SF	Qual=02		Mac.=FKC
HXRBS						Importance=C3	Qual=01	Tot Cts=7386	Carr. Lon.=242deg
UVSP						Peak...c/s=623		Exp #=84099	Flags=M5, FS
Radio						Wavelength=2788A			Step=0" Pitch=-396", Yaw=-522"
						Frequency(MHz)/Flux(sfu):	245/810 8800/43 15400/16		
Event # = 10425		DOY=46		End times					
89/02/15, 20:16	Start	20:13:35	20:14:00	20:14:28	20:14:28	SMM Pointing:	N29W56		Pitch=-531", Yaw=-704", Roll=0deg
Optical							N27W59	AR5354	H. Ang=65deg
GOES						Ha...Class=SF	Qual=01		Mac.=FKI
HXRBS						Peak...c/s=45	Qual=01	Tot Cts=316	Carr. Lon.=283deg
BCS						CaPeak.c/s=29		Exp #=84099	H. Ang=66deg
FCS						Wavelength=2788A			MaxkeV=102
UVSP									FePeak.c/s=8
									Rast=115"x115"
									Rast=180"x1" Pitch=-396", Yaw=-522"
Event # = 22446		DOY=46		End times					
89/02/15, 20:37	Start	20:32	20:37	20:41	20:41	SMM Pointing:	N27W59	AR5354	Pitch=-531", Yaw=-704", Roll=0deg
Optical							Qual=03		H. Ang=66deg
GOES						Ha...Class=SF	Qual=1	Tot Cts=20:34	Mac.=FKI
BCS						Importance=C3		Exp #=84099	Carr. Lon.=283deg
FCS						CaPeak.c/s=80			H. Ang=66deg
UVSP									FePeak.c/s=19
									Rast=420"x240" Step=15" Cad= 459s
									dt= 3.8s XEN=904603
									Cad= 1.024s/pixel

89/02/16 DOY=47

Event # = 10426 DOY=47 SMM Pointing: N27W55 Pitch=-497", Yaw=-712", Roll=0deg H. Ang=63deg
 89/02/16, 03:09 Start Peak Carr. Lon.=163deg H. Ang=56deg
 Optical S11E57 AR5368
 Qual=00
 Qual=01
 Ha...Class=SF
 Peak...c/s=45
 Wavelength=1375A
 III/2 V/2
 Type/Intensity:
 MaxkeV=102
 Rast=70"x70" Step=5" Pitch=-489", Yaw=-704"

Event # = 10427 DOY=47 SMM Pointing: N27W55 Pitch=-497", Yaw=-712", Roll=0deg H. Ang=63deg
 89/02/16, 03:48 Start Peak Carr. Lon.=194deg H. Ang=39deg
 Optical N22E26 AR5362
 Qual=05
 Qual=01
 Ha...Class=2N
 Importance=M2
 Peak...c/s=40
 Wavelength=1375A
 Code=02
 410/22 606/49 2695/66 4995/71 8800/100 15400/57
 Frequency (MHz)/Flux(sfu):
 MaxkeV=102
 Rast=265"x265" Step=5" Pitch=-488", Yaw=-710"

Event # = 10428 DOY=47 SMM Pointing: N27W56 Pitch=-495", Yaw=-723", Roll=0deg H. Ang=64deg
 89/02/16, 04:21 Start Peak Qual=00
 Qual=01
 Ha...Class=SF
 Peak...c/s=60
 Wavelength=1375A
 Type/Intensity:
 MaxkeV=102
 Rast=30"x30" Step=10" Pitch=-526", Yaw=-767"

Event # = 10429 DOY=47 SMM Pointing: N27W56 Pitch=-495", Yaw=-723", Roll=0deg H. Ang=64deg
 89/02/16, 04:30 Start Peak Carr. Lon.=288deg H. Ang=75deg
 Optical N26W69
 Qual=01
 Qual=01
 Ha...Class=SF
 Importance=M4
 Peak...c/s=166
 CaPeak.c/s=1271
 Wavelength=1375A
 Code=00
 Associated Event # = 22447
 Qual=5
 CaPeak.c/s=60
 Wavelength=1375A
 Type/Intensity:
 MaxkeV=102
 FePeak.c/s=382
 Rast=0"x0" Step=0" dt= 3.8s XEN=904700
 Rast=30"x30" Step=10" Cad=1.02s 1.024s/pixel
 FePeak.c/s=10 #Peaks=1 dt= 7.7s XEN=904701
 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel
 Rast=30"x30" Step=10" Pitch=-495", Yaw=-790"

Event # = 10430 DOY=47 SMM Pointing: N27W56 Pitch=-495", Yaw=-723", Roll=0deg H. Ang=64deg
 89/02/16, 04:43 Start Peak Qual=00
 Qual=01
 Ha...Class=SF
 Peak...c/s=46
 Wavelength=1375A
 Type/Intensity:
 MaxkeV=102
 Rast=30"x30" Step=10" Pitch=-495", Yaw=-790"

Event # = 10431 DOY=47 SMM Pointing: N27W56 Pitch=-495", Yaw=-723", Roll=0deg H. Ang=64deg
 89/02/16, 05:40 Start Peak Qual=00
 Qual=01
 Ha...Class=SF
 Peak...c/s=81
 Wavelength=1375A
 Type/Intensity:
 MaxkeV=102
 Rast=30"x30" Step=10" Pitch=-489", Yaw=-800"

Event # = 22448		89/02/16,05:42		DOY=47	Peak	End times	
GOES	05:41	05:42	05:46	Qual=00	Qual=1	FePeak=05:42	
BCS	CaPeak.c/s=36		WaveLength=1375A				
FCS	FePeak.c/s=13		Rast=0"x0"		#Peaks=1 dt= 7.7s XEN=904702		
UVSP	Step=0"		Rast=30"x30"		Cad=1.02s 1.024s/pixel		
	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		
GOES	16:30:40	16:31:52	16:34:48	Ha...Class=1B	AR5368		
HXRBS	Importance=M3		Qual=03				
UVSP	Peak...c/s=1128		Qual=01		Tot Cts=43797		
Radio Sweeps	WaveLength=2788A		Code=01		Exp #=84146		
	Type/Intensity: V/I		SMM Pointing: N27W62		Pitch=-194", Yaw=-887", Roll=-20deg H. Ang=69deg		
	Mac.=DAO		Carr. Lon.=164deg		H. Ang=49deg		
	MaxkeV=230		Flags=M5		Step=0" Pitch=-57", Yaw=-707"		
	Rast=180"x1"		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		
GOES	21:08:55	21:09:03	21:09:29	Ha...Class=SF	AR5368		
HXRBS	Importance=C5		Qual=01				
UVSP	Peak...c/s=94		Qual=01		Tot Cts=705		
Radio Sweeps	WaveLength=1375A		Code=00		Exp #=84154		
	SMM Pointing: N27W64		Pitch=-188", Yaw=-897", Roll=-20deg		H. Ang=70deg		
	Mac.=BX0		Carr. Lon.=163deg		H. Ang=47deg		
	MaxkeV=102		Step=10"		Pitch=-202", Yaw=-940"		
	Rast=30"x30"		Step=10"		Pitch=-202", Yaw=-940"		
Event # = 10434		89/02/16,21:18		DOY=47	Peak	End times	
Optical	21:18:38	21:18:41	21:19:02	N27W66			
GOES	Peak...c/s=47		Qual=00				
HXRBS	WaveLength=1375A		Qual=01		Tot Cts=163		
UVSP	Importance=C2		Qual=01		Exp #=84154		
	SMM Pointing: N27W66		Pitch=-181", Yaw=-908", Roll=-20deg		H. Ang=72deg		
	Mac.=EAO		Carr. Lon.=197deg		H. Ang=29deg		
	MaxkeV=102		Step=10"		Pitch=-202", Yaw=-940"		
	Rast=30"x30"		Step=10"		Pitch=-202", Yaw=-940"		
Event # = 10435		89/02/16,21:57		DOY=47	Peak	End times	
Optical	21:51	21:57	22:07	N27W66	AR5362		
GOES	21:52:17	21:53:31	21:54:30	Ha...Class=SF	AR5362		
HXRBS	Importance=C6		Qual=03				
UVSP	Peak...c/s=90		Qual=01		Tot Cts=2265		
Radio	WaveLength=1375A		Code=00		Exp #=84156		
	Frequency(MHz)/Flux(sfu): 1415/100		SMM Pointing: N27W66		Pitch=-181", Yaw=-908", Roll=-20deg		
	Mac.=EAO		Carr. Lon.=197deg		H. Ang=29deg		
	MaxkeV=102		Step=10"		Pitch=-201", Yaw=-937"		
	Rast=30"x30"		Step=10"		Pitch=-201", Yaw=-937"		
Event # = 22449		89/02/17,05:22		DOY=48	Peak	End times	
GOES	05:17	05:22	05:38	Qual=01	FePeak=05:20		
BCS	Importance=C2		Qual=1				
FCS	CaPeak.c/s=25		Code=00		Exp #=84181		
UVSP	WaveLength=1375A		Code=00		Exp #=84181		
	FePeak.c/s=12		dt= 7.7s XEN=904800		Cad=1.02s 1.024s/pixel		
	Step=0"		Rast=110"x200"		Pitch=-187", Yaw=-942"		
	Step=5"		Pitch=-187", Yaw=-942"				

Event # = 10436	89/02/17, 07:23	DOY=48	Peak	Start	End times	SMM Pointing:	N27W70	Pitch=-167", Yaw=-926", Roll=-20deg	H. Ang=75deg
GOES	07:16	07:23	07:33	07:15:50	07:15:50	Importance=C4 Peak...c/s=37 CaPeak.c/s=72	Qual=02 Qual=01 Qual=1	dt= 3.8s #Peaks=1 Step=15" Pitch=-203", Yaw=-946"	XEN=904801 Cad= 459s 1.024s/pixel
HXRBS	07:14:53	07:15:35	07:15:50	07:15:50	07:15:50				
BCS	07:15	07:17	07:19						
FCS									
UVSP	07:18					Wavelength=1375A	Code=01	Exp #=84189	
Event # = 11683	89/02/17, 17:27	DOY=48	Peak	Start	End times	SMM Pointing:	N20E02	Pitch=-422", Yaw=-128", Roll=-20deg	H. Ang=27deg
GOES	17:27:06	17:27:14	17:27:45	17:27:45	17:27:45	Peak...c/s=49 Wavelength=2788A	Qual=01 Qual=01	Flags=I Step=0" Pitch=-285", Yaw=-204"	
HXRBS									
UVSP	18:05								
Event # = 10438	89/02/17, 22:22	DOY=48	Peak	Start	End times	SMM Pointing:	N26W82	Pitch=-116", Yaw=-963", Roll=-20deg	H. Ang=86deg
GOES	22:12	22:22	23:02	22:23:18	22:23:18	Importance=M2 Peak...c/s=129 CaPeak.c/s=1229	Qual=03 Qual=01 Qual=1	dt= 7.7s #Peaks=1 Step=10" Pitch=-109", Yaw=-949"	XEN=904802 Cad= 332s 1.024s/pixel
HXRBS	22:13:01	22:19:27	22:23:18	22:23:18	22:23:18				
BCS	22:13	22:21	22:52						
FCS									
UVSP	22:20					Wavelength=1375A	Code=00	Exp #=84213	
BCS	22:53	22:53	22:53			Associated Qual= 5		Event # = 22450	
FCS									
UVSP	22:43					Wavelength=1375A		Exp #=84216	
Event # = 22451	89/02/17, 23:31	DOY=48	Peak	Start	End times				
GOES	23:30	23:31	00:09	00:09	00:09	CaPeak.c/s=35 Peak3...c/s=-1 Wavelength=1375A	Qual=00 Qual= 5	#Peaks=1 Step=0" Pitch=-109", Yaw=-949"	XEN=904804 Cad= .26s 0.256s/pixel
BCS									
FCS									
UVSP	23:35								
Event # = 10439	89/02/18, 07:51	DOY=49	Peak	Start	End times	SMM Pointing:	N25W77	Pitch=-115", Yaw=-955", Roll=-20deg	H. Ang=82deg
GOES	07:44	07:51	08:00	07:51:06	08:00	Importance=M1 Peak...c/s=136 CaPeak.c/s=681	Qual=01 Qual=01 Qual=1	dt= 3.8s #Peaks=1 Step=15" Pitch=-109", Yaw=-949"	XEN=904900 Cad= 459s 1.024s/pixel
HXRBS	07:45:30	07:47:09	07:51:06	07:51:06	08:14				
BCS	07:43	07:49	08:14						
FCS									
UVSP	07:50					Wavelength=1375A	Code=00	Exp #=84249	
Radio						2695/62 4995/50	8800/53 15400/31		
Event # = 22452	89/02/18, 09:21	DOY=49	Peak	Start	End times				
GOES	09:21	09:21	09:38	09:38	09:38	CaPeak.c/s=25 Wavelength=2788A	Qual=00 Qual= 5	#Peaks=1 Step=10" Pitch=-109", Yaw=-949"	XEN=904901 Cad= 590s 1.024s/pixel
BCS									
FCS									
UVSP	09:13								

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	H. Ang=65deg
Radio	Frequency(MHz)/Flux(sfu):	III/2	Step=0" Pitch=-118", Yaw=+235"
		1415/120	
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	#Peaks=1 dt= 7.7s
FCS	12:54	CaPeak.c/s=27	Step=0" Cad=1.02s
UVSP	12:45	Wave length=2788A	Step=0" Pitch=-86", Yaw=+139"
		Exp #=84311	
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	#Peaks=1 dt= 7.7s
		Exp #=84313	Step=0" Cad=1.02s
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
		Exp #=84322	Step=0" Cad= 590s
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	MaxkeV=187
UVSP	00:02:00	8800/51 15400/76	Rast=180"x1"
Radio	Frequency(MHz)/Flux(sfu):	8800/51 15400/76	Step=0" Pitch=-55", Yaw=+46"

Event # = 22455		DOY=51		Carr. Lon.=172deg		H. Ang=6deg	
89/02/20, 03:10		Peak					
Start							
Optical		S12W04		AR5368			
GOES		Qual=00					
BCS		Qual= 4		FePeak=03:09		#Peaks=1 dt= 7.7s XEN=905100	
FCS		CaPeak.c/s=22				Step=0" Cad=1.02s 1.024s/pixel	
UVSP		Wavelength=2788A		Exp #=84329		Step=0" Pitch=-46", Yaw=+19"	
Event # = 22456		DOY=51					
89/02/20, 03:43		Peak					
Start							
GOES		Qual=03		FePeak=03:42		#Peaks=1 dt= 7.7s XEN=905101	
BCS		Qual= 4				Step=0" Cad=1.02s 1.024s/pixel	
FCS		Importance=C2				Step=0" Pitch=-43", Yaw=+11"	
UVSP		CaPeak.c/s=20		Exp #=84330		Step=0" Pitch=-43", Yaw=+11"	
Event # = 10444		DOY=51					
89/02/20, 14:03		Peak					
Start							
Optical		S13W03		AR5368			
GOES		Qual=02					
HXRB		Qual=03		Tot Cts=28350		Flags=M5, ES dt= 3.8s XEN=905102	
BCS		Qual= 1		FePeak=14:25		Step=0" Cad= 459s 1.024s/pixel	
FCS		CaPeak.c/s=683				Step=0" Pitch=-12", Yaw=-74"	
UVSP		Wavelength=2788A		Exp #=84366			
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					
Start							
GOES		Qual=00		FePeak=15:23		#Peaks=1 dt= 3.8s XEN=905103	
BCS		Qual= 5				Step=0" Cad= 459s 1.024s/pixel	
FCS		CaPeak.c/s=63				Step=0" Pitch=-8", Yaw=-87"	
UVSP		Wavelength=2788A		Exp #=84368			
Event # = 22459		DOY=51					
89/02/20, 17:14		Peak					
Start							
Optical		S10W08		AR5368			
GOES		Qual=03					
BCS		Qual= 3		FePeak=17:11		#Peaks=1 dt= 7.7s XEN=905104	
FCS		Importance=C3				Step=0" Cad=1.02s 1.024s/pixel	
UVSP		CaPeak.c/s=44		Exp #=84370		Step=0" Pitch=-121", Yaw=-100"	
Event # = 22460		DOY=51					
89/02/20, 20:55		Peak					
Start							
GOES		Qual=00		FePeak=20:53		#Peaks=1 dt= 7.7s XEN=905105	
BCS		Qual= 3				Step=0" Cad=1.02s 1.024s/pixel	
FCS		CaPeak.c/s=19				Step=0" Pitch=-2", Yaw=-174"	
UVSP		Wavelength=2788A		Exp #=84375			

Event # = 22461		89/02/21		DOY=52	
89/02/21, 00:52 DOY=52 Peak					
GOES	00:51	00:52	00:57	End times	
BCS					Qual=01
FCS					Qual=4
UVSP	00:31				FePeak=00:51
					Exp #=84380
					dt= 7.7s XEN=905200
					Cad=1.02s 1.024s/pixel
					Pitch=+10", Yaw=-206"
FePeak.c/s=13 #Peaks=1					
Rast=0"x0" Step=0"					
Rast=180"x1" Step=0"					
Pitch=+147", Yaw=-176", Roll=-20deg H.Ang=14deg					
SMM Pointing: S11W13					
MaxkeV=144 Flags=SA					
Rast=30"x30" Step=10" Pitch=+132", Yaw=-211"					
Tot Cts=844					
Exp #=84394					
Event # = 10445					
89/02/21, 05:49 DOY=52 Peak					
GOES	05:48:50	05:49:10	05:49:20	End times	
HXRBS					Qual=01
UVSP	05:26				Qual=01
					Tot Cts=126
					Exp #=84394
Pitch=+147", Yaw=-176", Roll=-20deg H.Ang=14deg					
SMM Pointing: S11W13					
MaxkeV=102					
Rast=30"x30" Step=10" Pitch=+132", Yaw=-211"					
Tot Cts=577					
Exp #=84414					
Event # = 10447					
89/02/21, 09:12 DOY=52 Peak					
GOES	09:00	09:12	09:59	End times	
HXRBS	09:20:27	09:20:36	09:21:47		Qual=03
UVSP	09:05				Qual=01
					Code=00
					Tot Cts=577
					Exp #=84414
Pitch=+157", Yaw=-202", Roll=-20deg H.Ang=15deg					
SMM Pointing: S11W15					
MaxkeV=102					
Rast=30"x30" Step=10" Pitch=+144", Yaw=-231"					
Event # = 10448					
89/02/21, 12:23 DOY=52 Peak					
Optical	12:05	12:23	13:36	End times	
GOES					S12W14
HXRBS	12:06:29	12:18:44	12:31:20		Qual=03
BCS	12:08	12:21	12:31		Qual=04
FCS					Qual=1
UVSP	12:23				Code=02
Radio					Code=02
					Exp #=84421
Wavelength=2788A Code=02					
4995/74 8800/94 15400/61					
SMM Pointing: S11W17					
Ha...Class=SB					
Importance=M3					
Peak...c/s=200					
CaPeak.c/s=2172					
Qual=1					
Exp #=84421					
Event # = 10449					
89/02/21, 14:00 DOY=52 Peak					
GOES	13:50	14:00	14:10	End times	
HXRBS	13:50:29	13:50:53	13:51:13		S12W17
UVSP	13:58				Qual=03
					Qual=01
					Code=00
					Tot Cts=439
					Exp #=84423
Pitch=+173", Yaw=-240", Roll=-20deg H.Ang=18deg					
SMM Pointing: S12W17					
Importance=C6					
Peak...c/s=61					
Wavelength=2788A					
Code=00					
Exp #=84423					
Event # = 22462					
89/02/21, 15:22 DOY=52 Peak					
GOES	14:42	15:22	15:33	End times	
BCS					Qual=05
FCS					Qual=7
UVSP	15:30				FePeak=14:53
					Exp #=84425
dt= 7.7s XEN=905203					
Cad=1.02s 1.024s/pixel					
Pitch=+59", Yaw=-74"					
FePeak.c/s=7 #Peaks=1					
Rast=0"x0" Step=0"					
Rast=180"x1" Step=0"					
Pitch=+55", Yaw=-62"					

Event # = 22463									
89/02/21, 17:02	DOY=52	Peak							
Optical									
G0ES	16:51	17:02	Ha...Class=SF	S13W19	AR5368				H. Ang=20deg
BGS	16:15	17:00	Importance=C5	Qual=05					XEN=905204
FCS			CaPeak.c/s=179	Qual=1	FePeak=16:59				1.024s/pixel
UVSP	17:04		Wavelength=2788A	Code=02	Exp #=84427				Pitch=+65", Yaw=-86"
Event # = 10450									
89/02/21, 18:22	DOY=52	Peak							
Optical									
G0ES	18:01	18:22	SMM Pointing:	S11W20					H. Ang=20deg
HXRBS	17:49:35	18:21:16	Ha...Class=IB	S12W19	AR5368				H. Ang=19deg
BGS	17:48	18:23	Importance=M4	Qual=03					
FCS			Peak...c/s=156	Qual=11	Tot Cts=6900				Flags=IS
UVSP	18:37		CaPeak.c/s=2481	Qual=1	FePeak=18:23				#Peaks=2
			Wavelength=2788A		Exp #=84429				dt= 7.7s
Event # = 22464									
89/02/21, 20:04	DOY=52	Peak							
G0ES	19:21	20:04		Qual=01	FePeak=20:03				XEN=905206
BGS				Qual=1					1.024s/pixel
FCS									Pitch=+75", Yaw=-111"
UVSP	20:11		CaPeak.c/s=73		Exp #=84431				
			Wavelength=2788A						
Event # = 10451									
89/02/21, 21:58	DOY=52	Peak							
Optical									
G0ES	21:27	21:58	SMM Pointing:	S11W22					H. Ang=22deg
HXRBS	21:27:30	21:44:20	Ha...Class=SB	S13W24	AR5368				H. Ang=24deg
BGS	20:55	21:50	Importance=M3	Qual=02					
FCS			Peak...c/s=53	Qual=03	Tot Cts=7380				Flags=EN
UVSP	21:45		CaPeak.c/s=716	Qual=1	FePeak=21:45				#Peaks=2
			Wavelength=2788A	Code=01	Exp #=84433				dt= 7.7s
									XEN=905207
Event # = 10452									
89/02/21, 22:52	DOY=52	Peak							
Optical									
G0ES	22:35:25	22:36:15	SMM Pointing:	S11W23					H. Ang=23deg
HXRBS	22:28	22:52	Ha...Class=SF	S11E44	AR5374				H. Ang=44deg
BGS			Peak...c/s=47	Qual=01					
FCS			CaPeak.c/s=126	Qual=1	Tot Cts=397				XEN=905208
UVSP	23:18		Wavelength=2788A		FePeak=22:52				1.024s/pixel
					Exp #=84435				Pitch=+85", Yaw=-136"
Event # = 10453									
89/02/21, 22:52	DOY=52	Peak							
HXRBS	22:39:50	22:39:55	Associated	Event # = 10453					
UVSP	22:20	22:40:11	Peak...c/s=84	Tot Cts=181					
			Wavelength=2788A	Qual=01	Exp #=84434				
									Pitch=+82", Yaw=-128"

Event # = 10454			SMM Pointing: S12W23			Pitch=+209", Yaw=-327", Roll=-20deg			H. Ang=24deg		
89/02/21, 23:58	DOY=52	Peak	End times								
GOES 23:48	23:58		00:28								
HXRBS 00:01:37	00:01:56	00:02:09	Importance=M8								
UVSP 23:52			Peak...c/s=43								
Radio	Frequency(MHz)/Flux(sfu): 245/16 410/67 4995/44 8800/32		Tot Cts=129		Exp #=84436		Step=0"		Pitch=+87", Yaw=-140"		
HXRBS 00:09:16 00:09:56 00:11:08			Peak...c/s=51			Associated Event # = 10455					
			Qual=01			Tot Cts=584			MaxkeV=102		
Event # = 22465			89/02/22			DOY=53					
89/02/22, 00:03			DOY=53			Peak					
End times											
GOES 00:01	00:03	00:29	CaPeak.c/s=1055			Qual=00		FePeak=00:01			
BCS			Wave length=2788A			Qual=5		dt= 3.8s		XEN=905300	
FCS								Cad= 459s		1.024s/pixel	
UVSP 23:52								Step=0"		Pitch=+87", Yaw=-140"	
Event # = 10456			SMM Pointing: S12W23			Pitch=+209", Yaw=-327", Roll=-20deg			H. Ang=24deg		
89/02/22, 00:38			DOY=53			Peak					
End times											
GOES 00:36:44	00:37:18	00:37:56	Peak...c/s=56			Qual=01		Tot Cts=586			
HXRBS 00:29	00:38	00:59	CaPeak.c/s=101			Qual=1		FePeak=00:37			
BCS			Wave length=2788A					dt= 7.7s		XEN=905301	
FCS								Cad= 590s		1.024s/pixel	
UVSP 00:50								Step=0"		Pitch=+90", Yaw=-148"	
Event # = 10457			SMM Pointing: S11W24			Pitch=+213", Yaw=-339", Roll=-20deg			H. Ang=24deg		
89/02/22, 02:14			DOY=53			Peak					
End times											
GOES 02:12:16	02:12:22	02:12:44	Peak...c/s=216			Qual=01		Tot Cts=895			
HXRBS 02:13	02:14	02:26	CaPeak.c/s=75			Qual=4		FePeak=02:13			
BCS			Wave length=1375A					dt= 3.8s		XEN=905302	
FCS								Cad= 459s		1.024s/pixel	
UVSP 02:12								Step=10"		Pitch=+250", Yaw=-367"	
Event # = 22466			SMM Pointing: S11W25			Pitch=+219", Yaw=-351", Roll=-20deg			H. Ang=25deg		
89/02/22, 03:16			DOY=53			Peak					
End times											
GOES 03:15	03:16	03:26	CaPeak.c/s=31			Qual=01		FePeak=03:15			
HXRBS 03:15			Wave length=1375A			Qual=4		Exp #=84445			
BCS			245/340 410/37					dt= 7.7s		XEN=905303	
FCS								Cad=1.02s		1.024s/pixel	
UVSP 03:15								Step=10"		Pitch=+248", Yaw=-370"	
Radio	Frequency(MHz)/Flux(sfu): 245/16 410/67 4995/44 8800/32		Tot Cts=129		Exp #=84436		Step=0"		Pitch=+87", Yaw=-140"		
HXRBS 03:34:13 03:34:18 03:34:42			Peak...c/s=42			Associated Event # = 10459					
			Qual=01			Tot Cts=147			MaxkeV=102		
Event # = 10458			SMM Pointing: S11W25			Pitch=+219", Yaw=-351", Roll=-20deg			H. Ang=25deg		
89/02/22, 03:32			DOY=53			Peak					
End times											
Optical			Ha...Class=SN			S12W27		AR5368		Carr. Lon.=168deg	
GOES 03:32:16	03:32:27	03:32:46	Peak...c/s=77			Qual=00		Tot Cts=402			
HXRBS 03:15			Wave length=1375A			Qual=01		Exp #=84445			
UVSP 03:15			410/38 606/12 2695/6 4995/12 8800/30 15400/23					Step=10"		Pitch=+248", Yaw=-370"	
Radio	Frequency(MHz)/Flux(sfu): 245/16 410/67 4995/44 8800/32		Tot Cts=129		Exp #=84436		Step=0"		Pitch=+87", Yaw=-140"		
HXRBS 03:34:13 03:34:18 03:34:42			Peak...c/s=42			Associated Event # = 10459					
			Qual=01			Tot Cts=147			MaxkeV=102		

Event # = 10460	DOY=53	SMM Pointing:	S11W25	Pitch=+219", Yaw=-351", Roll=-20deg	H. Ang=25deg
89/02/22 04:00	Peak	End times	Qual=00		
GOES	03:55:14	03:55:19	Qual=01	MaxkeV=102	#Peaks=2 dt= 7.7s XEN=905304
HXRBS	04:00	04:05	Qual= 1	FePeak.c/s=14	Step=0" Cad=1.02s 1.024s/pixel
BGS	03:31	04:05		Rast=0"x0"	Step=10" Pitch=+250", Yaw=-374"
FCS	03:47			Rast=30"x30"	
UVSP				Exp #=84447	
		WaveLength=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	05:04	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	04:56			Exp #=84450	
FCS	04:47				
UVSP					
		WaveLength=1375A			
Event # = 22468	DOY=53	End times	Ha...Class=SF	Mac. =FKI	Carr. Lon.=168deg
89/02/22 05:23	Peak	05:25	S12W28		H. Ang=28deg
Optical			Qual=00		
GOES	05:21	05:25	Qual= 1	FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=905306
BGS	05:21			Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
FCS	05:19			Rast=30"x30"	Step=10" Pitch=+260", Yaw=-381"
UVSP				Exp #=84452	
Radio		WaveLength=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	05:34	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	05:31			Exp #=84452	
FCS	05:19				
UVSP					
		WaveLength=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	07:30	Qual= 1	Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
GOES	06:45	07:11		Rast=10"x10"	Step=0" Pitch=+265", Yaw=-393"
BGS	06:53			Exp #=84459	
FCS	06:53			Event # = 22470	
UVSP	06:53			FePeak=06:45	
		WaveLength=1375A	Code=00		
			Associated		
			Qual= 5		
BGS	06:45	06:47			
FCS	06:45				
UVSP	06:43				
		WaveLength=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	Qual=01		
GOES	08:17:27	08:18:08	Qual=01	MaxkeV=102	#Peaks=2 dt= 3.8s XEN=905310
HXRBS	08:13	08:34	Qual= 1	FePeak.c/s=18	Step=15" Cad= 459s 1.024s/pixel
BGS	08:13	08:34		Rast=420"x240"	Step=0" Pitch=+245", Yaw=-443"
FCS	08:18			Rast=10"x10"	
UVSP				Exp #=84468	
		WaveLength=1375A			

Event #	Start	End times	Peak	DOY=53	Associated Event #	Event #	Peak...c/s=42	Peak...c/s=44	Wavelength=1375A	Wavelength=2788A	Code=00	Exp #=84475	FePeak=09:52	Mac.=FKI	Carr. Lon.=170deg	H. Ang=33deg	Maxkey=102	Rast=10"x10"	Step=0"	Pitch=+244"	Yaw=-447"
HXRBS	08:16:24	08:16:31	08:16:54		10461	10461															
UVSP	08:09																				
HXRBS	08:20:15	08:20:41	08:20:53		10463	10463															
UVSP	09:42	09:50	09:53																		
Optical	09:42	11:00																			
GOES	09:42	10:04																			
BCS	09:50	10:19																			
FCS																					
UVSP	09:43																				
Event # = 22472	89/02/22,10:04																				
Optical	09:42	11:00																			
GOES	09:42	10:04																			
BCS	09:50	10:19																			
FCS																					
UVSP	09:43																				
Event # = 22473	89/02/22,11:29																				
Optical	11:27	11:39																			
GOES	11:27	11:39																			
BCS																					
FCS																					
UVSP	11:44																				
Event # = 22474	89/02/22,13:02																				
Optical	12:58	13:11																			
GOES	12:58	13:02																			
BCS	13:03	13:06																			
FCS																					
UVSP	13:19																				
Radio Sweeps																					
Radio Frequency(MHz)/Flux(sfu):																					
Event # = 22475	89/02/22,14:42																				
Optical	14:37	14:52																			
GOES	14:37	14:42																			
BCS	14:02	14:41																			
FCS																					
UVSP	14:51																				
Event # = 10464	89/02/22,16:15																				
Optical	16:17:06	16:17:28																			
GOES	16:17:06	16:17:18																			
HXRBS	15:40	16:15																			
BCS																					
FCS																					
UVSP	16:25																				

Event # = 22476	89/02/22, 17:49	DOY=53	Start	Peak	End times	Optical	Ha...Class=SN	S11W34	AR5368	Mac.=FKI	Carr.Lon.=167deg	H.Ang=34deg
GOES	17:41	17:49		17:48	18:18		Importance=C7	Qual=03	AR5368	FePeak.c/s=42	#Peaks=2	dt= 7.7s
BGS	17:10	17:48			18:05		CaPeak.c/s=246	Qual= 1	FePeak=17:47	Rast=420" x240"	Step=15"	XEN=905316
FCS									Exp #=84485	Rast=180" x1"	Step=0"	Cad= 459s
UVSP	17:58						Wavelength=2788A	Code=02			Pitch=+146"	Yaw=-274"
Event # = 22477	89/02/22, 18:59	DOY=53	Start	Peak	End times							
GOES	18:43	18:59			19:16		CaPeak.c/s=35	Qual=00	FePeak=18:48	FePeak.c/s=9	#Peaks=1	dt= 7.7s
BGS								Qual= 1		Rast=0" x0"	Step=0"	XEN=905317
FCS									Exp #=84487	Rast=70" x70"	Step=5"	Cad=1.02s
UVSP	18:48						Wavelength=1375A				Pitch=+278"	Yaw=-519"
Event # = 10465	89/02/22, 19:24	DOY=53	Start	Peak	End times		SMM Pointing:	S11W34		Pitch=+269"	Yaw=-465"	Roll=-20deg
GOES	19:21	19:24			19:26		Importance=C4	Qual=01		MaxkeV=102	#Peaks=1	dt= 3.8s
HXRBS	19:22:32	19:22:46			19:23:46		Peak...c/s=105	Qual=01	Tot Cts=882	FePeak.c/s=14	Step=15"	XEN=905318
BGS	19:22	19:23			19:34		CaPeak.c/s=64	Qual= 1	FePeak=19:23	Rast=420" x240"	Step=5"	Cad= 459s
FCS									Exp #=84487	Rast=70" x70"	Pitch=+278"	Yaw=-519"
UVSP	18:48						Wavelength=1375A	Code=00				
Event # = 22478	89/02/22, 19:38	DOY=53	Start	Peak	End times							
GOES	19:38	19:38			19:39		CaPeak.c/s=24	Qual=00	FePeak=19:38	FePeak.c/s=8	#Peaks=1	dt= 7.7s
BGS								Qual= 4		Rast=240" x240"	Step=10"	XEN=905319
FCS									Exp #=84488	Rast=265" x265"	Step=5"	Cad= 590s
UVSP	20:18						Wavelength=1375A				Pitch=+281"	Yaw=-462"
Event # = 22479	89/02/22, 21:10	DOY=53	Start	Peak	End times							
GOES	20:59	21:10			21:12		CaPeak.c/s=93	Qual=00	FePeak=21:11	FePeak.c/s=7	#Peaks=1	dt= 7.7s
BGS							Peak3...c/s=11	Qual= 3		Rast=0" x0"	Step=0"	XEN=905320
FCS									Exp #=84494	Rast=30" x30"	Step=10"	Cad=1.02s
UVSP	21:04						Wavelength=1375A				Pitch=+291"	Yaw=-534"
Event # = 10466	89/02/22, 22:01	DOY=53	Start	Peak	End times		SMM Pointing:	S11W35		Pitch=+279"	Yaw=-486"	Roll=-20deg
GOES	21:53:59	21:55:57			22:00:41		Peak...c/s=48	Qual=04		MaxkeV=144	#Peaks=1	dt= 7.0s
HXRBS	21:50	22:01			22:27		CaPeak.c/s=45	Qual=01	Tot Cts=2534	FePeak.c/s=15	Step=10"	XEN=905321
BGS								Qual= 1	FePeak=21:59	Rast=420" x240"	Step=10"	Cad= 590s
FCS									Exp #=84497	Rast=30" x30"	Step=10"	Pitch=+298"
UVSP	21:55						Wavelength=1375A					Yaw=-540"

Event # = 22480
 89/02/22, 23:57 DOY=53 Peak
 Optical Start End times
 Optical 23:51 23:57
 GOES 23:52 23:56
 BCS 23:52 23:56
 FCS 23:52 23:56
 UVSP 23:29 23:56
 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
 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"
 Mac.=EKI
 FePeak.c/s=15 Rast=240"x240"
 Rast=30"x30" Pitch=+288", Yaw=-546"

89/02/23 DOY=54
 Event # = 22481
 89/02/23, 00:57 DOY=54 Peak
 GOES Start End times
 GOES 00:57 00:57
 BCS 00:57 00:57
 FCS 00:57 00:57
 UVSP 00:59 00:59
 Qual=00
 Qual= 5 FePeak=01:02
 CaPeak.c/s=30
 Wavelength=1375A
 Exp #=84505
 dt= 7.7s XEN=905400
 Cad=1.02s 1.024s/pixel
 Pitch=+296", Yaw=-494"
 #Peaks=1
 Step=0" X0"
 Step=5" Rast=265"x265"

Event # = 22482
 89/02/23, 01:20 DOY=54 Peak
 GOES Start End times
 GOES 01:20 01:20
 BCS 01:20 01:20
 FCS 01:20 01:20
 UVSP 01:01 01:01
 Qual=00
 Qual= 4 FePeak=01:20
 CaPeak.c/s=24
 Wavelength=1375A
 Exp #=84507
 dt= 7.7s XEN=905401
 Cad=1.02s 1.024s/pixel
 Pitch=+323", Yaw=-551"
 #Peaks=1
 Step=0" X0"
 Step=10" Rast=30"x30"

Event # = 22483
 89/02/23, 01:33 DOY=54 Peak
 GOES Start End times
 GOES 01:31 01:33
 BCS 01:31 01:33
 FCS 01:31 01:33
 UVSP 01:33 01:33
 Qual=00
 Qual= 4 FePeak=01:39
 CaPeak.c/s=18
 Wavelength=1375A
 Exp #=84508
 dt= 7.7s XEN=905402
 Cad=1.02s 1.024s/pixel
 Pitch=+325", Yaw=-555"
 #Peaks=1
 Step=0" X0"
 Step=5" Rast=70"x70"

Event # = 22484
 89/02/23, 02:32 DOY=54 Peak
 GOES Start End times
 GOES 02:29 02:32
 BCS 02:29 02:32
 FCS 02:31 02:32
 UVSP 02:31 02:32
 Qual=00
 Qual= 5 FePeak=02:31
 CaPeak.c/s=63
 Wavelength=1375A
 Exp #=84510
 dt= 3.8s XEN=905403
 Cad= 590s 1.024s/pixel
 Pitch=+301", Yaw=-504"
 #Peaks=1
 Step=10" X0"
 Step=5" Rast=265"x265"

Event # = 22485
 89/02/23, 04:14 DOY=54 Peak
 GOES Start End times
 GOES 04:14 04:14
 BCS 04:14 04:14
 FCS 04:08 04:14
 UVSP 04:08 04:14
 Qual=02
 Qual= 5 FePeak=04:14
 CaPeak.c/s=136
 Wavelength=1375A
 Exp #=84517
 dt= 3.8s XEN=905404
 Cad= 459s 1.024s/pixel
 Pitch=+338", Yaw=-577"
 #Peaks=1
 Step=15" X0"
 Step=10" Rast=420"x240"
 Step=10" Rast=30"x30"

Event # = 10467 DOY=54 SMM Pointing: S11W39 Pitch=+298", Yaw=-527", Roll=-20deg H. Ang=39deg

89/02/23, 05:00 Peak
 Start
 GOES 04:03 05:25 End times
 HXRBS 04:47:03 04:54:00 04:56:00
 UVSP 04:40
 Importance=M1
 Peak...c/s=45
 Wavelength=1375A Code=00 Tot Cts=1662
 Exp #=84519
 MaxkeV=102
 Rast=30" x30" Step=10" Pitch=+320", Yaw=-590"

Event # = 22486 DOY=54

89/02/23, 05:53 Peak
 Start
 GOES 05:53 06:01 End times
 BCS 05:53 05:53
 FCS
 UVSP 05:50
 CaPeak.c/s=19
 Wavelength=1375A
 Qual=00
 Qual=5
 FePeak=05:56
 Exp #=84522
 FePeak.c/s=10
 Rast=0" x0"
 Rast=10" x10"
 dt= 7.7s XEN=905405
 Cad=1.02s 1.024s/pixel
 Pitch=+338", Yaw=-583"
 #Peaks=1
 Step=0"
 Step=0"

Event # = 22487 DOY=54

89/02/23, 06:30 Peak
 Start
 GOES 06:12 06:33 End times
 BCS 06:12 06:30
 FCS
 UVSP 06:17
 CaPeak.c/s=71
 Wavelength=1375A
 Qual=00
 Qual=1
 FePeak=06:30
 Exp #=84526
 FePeak.c/s=10
 Rast=240" x240"
 Rast=10" x10"
 dt= 7.7s XEN=905406
 Cad= 590s 1.024s/pixel
 Pitch=+340", Yaw=-545"
 #Peaks=2
 Step=10"
 Step=0"

Event # = 22488 DOY=54

89/02/23, 12:28 Peak
 Start
 GOES 12:25 12:32 End times
 BCS 12:25 12:27
 FCS
 UVSP 12:39
 Importance=C3
 CaPeak.c/s=49
 Wavelength=2788A
 Qual=01
 Qual=1
 FePeak=12:27
 Exp #=84543
 FePeak.c/s=12
 Rast=420" x240"
 Rast=180" x1"
 dt= 4.0s XEN=905407
 Cad= 459s 1.024s/pixel
 Pitch=+204", Yaw=-396"
 #Peaks=1
 Step=15"
 Step=0"

Event # = 22489 DOY=54

89/02/23, 12:43 Peak
 Start
 GOES 12:37 12:46 End times
 BCS 12:43 12:43
 FCS
 UVSP 12:39
 CaPeak.c/s=32
 Wavelength=2788A
 Qual=00
 Qual=1
 FePeak=12:40
 Exp #=84543
 FePeak.c/s=9
 Rast=240" x240"
 Rast=180" x1"
 dt= 7.7s XEN=905408
 Cad= 590s 1.024s/pixel
 Pitch=+204", Yaw=-396"
 #Peaks=1
 Step=10"
 Step=0"

Event # = 22490 DOY=54

89/02/23, 13:29 Peak
 Start
 GOES 13:24 13:59 End times
 BCS 13:29 13:29
 FCS
 UVSP 13:14
 CaPeak.c/s=47
 Wavelength=2788A
 Qual=00
 Qual=3
 FePeak=13:28
 Exp #=84544
 FePeak.c/s=9
 Rast=0" x0"
 Rast=180" x1"
 dt= 7.7s XEN=905409
 Cad=1.02s 1.024s/pixel
 Pitch=+206", Yaw=-399"
 #Peaks=1
 Step=0"
 Step=0"

Event # = 10468 DOY=54

89/02/23, 17:20 Peak
 Start
 Optical
 GOES 17:14:12 17:17:12 17:20:14 End times
 HXRBS 17:04 17:20
 BCS
 FCS
 UVSP 17:19
 SMM Pointing: S11W45
 Ha...Class=SF
 Peak...c/s=53
 CaPeak.c/s=320
 Wavelength=2788A
 S13W48
 Qual=00
 Qual=01
 Qual=1
 Tot Cts=2297
 FePeak=17:19
 Exp #=84549
 FePeak.c/s=97
 Rast=240" x240"
 Rast=180" x1"
 dt= 7.7s XEN=905410
 Cad= 590s 1.024s/pixel
 Pitch=+217", Yaw=-422"
 #Peaks=1
 Step=10"
 Step=0"
 Carr. Lon.=168deg
 H. Ang=48deg
 Pitch=+333", Yaw=-598", Roll=-20deg
 Mac.=EKI
 AR5368

Event # = 10469																	
89/02/23, 17:21	Start	DOY=54	Peak	SMM Pointing:		S11W46	Pitch=+338", Yaw=-608", Roll=-20deg		H. Ang=46deg								
GOES	17:14	17:21	17:35	Importance=C7	Qual=03												
HXRBS	17:22:14	17:23:11	17:23:40	Peak...c/s=42	Qual=01	Tot Cts=343											
UVSP	17:19			Wavelength=2788A	Code=00	Exp #=84549		Step=0"		Pitch=+217", Yaw=-422"							
Event # = 10470																	
89/02/23, 19:50	Start	DOY=54	Peak	SMM Pointing:		S11W47	Pitch=+345", Yaw=-621", Roll=-20deg		H. Ang=47deg								
Optical				Ha...Class=IN	S16W54	AR5368		Carr. Lon.=173deg		H. Ang=53deg							
GOES	19:44	19:50	19:55	Ha...Class=SF	N17W18	AR5373		Carr. Lon.=137deg		H. Ang=30deg							
HXRBS	19:45:07	19:47:21	19:49:22	Importance=C7	Qual=01	Tot Cts=4359											
BCS	19:45	19:49	20:04	Peak...c/s=91	Qual=01	FePeak=19:49		#Peaks=1		dt= 3.8s		XEN=905411					
FCS				CaPeak.c/s=295	Qual= 1			Step=15"		Cad= 459s		1.024s/pixel					
UVSP	19:27			Wavelength=2788A	Code=01	Exp #=84552		Step=0"		Pitch=+224", Yaw=-435"							
Event # = 10471																	
89/02/23, 21:11	Start	DOY=54	Peak	SMM Pointing:		S11W47	Pitch=+345", Yaw=-621", Roll=-20deg		H. Ang=47deg								
Optical				Ha...Class=SN	S16W53			Carr. Lon.=171deg		H. Ang=53deg							
GOES	21:07	21:11	21:13	Importance=C5	Qual=01	Tot Cts=5503											
HXRBS	21:07:09	21:09:51	21:21:06	Peak...c/s=47	Qual=01	FePeak=21:11		#Peaks=1		dt= 3.8s		XEN=905412					
BCS	21:10	21:11	21:16	CaPeak.c/s=162	Qual= 1			Step=15"		Cad= 459s		1.024s/pixel					
UVSP	21:13			Wavelength=1375A	Code=02	Exp #=84554		Step=5"		Pitch=+357", Yaw=-616"							
Event # = 22491																	
89/02/23, 21:58	Start	DOY=54	Peak	SMM Pointing:		S11W47	Pitch=+345", Yaw=-621", Roll=-20deg		H. Ang=47deg								
GOES	21:58	21:58	21:59	CaPeak.c/s=19	Qual=00	FePeak=21:58		#Peaks=1		dt= 7.7s		XEN=905413					
BCS	21:58	21:58	21:59	Importance=C6	Qual= 4			Step=10"		Cad= 590s		1.024s/pixel					
FCS				CaPeak.c/s=163	Qual= 5			Step=10"		Pitch=+380", Yaw=-656"							
UVSP	21:48			Wavelength=1375A	Code=02	Exp #=84558		Step=10"		Pitch=+380", Yaw=-656"							
Event # = 22492																	
89/02/24, 00:07	Start	DOY=55	Peak	SMM Pointing:		S24W27	Pitch=+345", Yaw=-621", Roll=-20deg		H. Ang=31deg								
Optical				Ha...Class=SF	S24W27	AR5369		Carr. Lon.=144deg		H. Ang=31deg							
GOES	23:56	00:07	00:30	Importance=C6	Qual=05	FePeak=00:19		#Peaks=1		dt= 3.8s		XEN=905500					
BCS	00:17	00:18	00:53	CaPeak.c/s=163	Qual= 5			Step=10"		Cad= 590s		1.024s/pixel					
FCS				Wavelength=1375A	Code=02	Exp #=84564		Step=5"		Pitch=+365", Yaw=-633"							
UVSP	00:20																
Event # = 22493																	
89/02/24, 01:51	Start	DOY=55	Peak	SMM Pointing:		S24W27	Pitch=+345", Yaw=-621", Roll=-20deg		H. Ang=31deg								
GOES	01:50	01:51	02:46	CaPeak.c/s=52	Qual=05	FePeak=01:59		#Peaks=1		dt= 7.7s		XEN=905501					
BCS	01:50	01:51	02:46	Importance=C6	Qual= 1			Step=10"		Cad= 590s		1.024s/pixel					
FCS				CaPeak.c/s=163	Qual= 5			Step=5"		Pitch=+370", Yaw=-641"							
UVSP	01:52			Wavelength=1375A	Code=02	Exp #=84569											

Event # = 10472	DOY=55	SMM Pointing:	S11W52	Pitch=+367",Yaw=-662",Roll=-20deg	H.Ang=51deg
89/02/24,03:32	Peak	End times			
GOES	03:30:41	03:32:10	03:34:39	MaxkeV=230	Step=10" Pitch=+406",Yaw=-706"
HXRBS				Rast=30"x30"	
UVSP	03:29			Tot Cts=11980	
				Exp #=84576	
Event # = 22494	DOY=55	SMM Pointing:	S11W64		
89/02/24,05:15	Peak	End times			
GOES	05:12	05:18	05:14	FePeak.c/s=11	#Peaks=1 dt= 7.7s XEN=905502
BCS				Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
FCS				Rast=30"x30"	Step=10" Pitch=+406",Yaw=-714"
UVSP	05:03			Exp #=84581	
Radio Sweeps		Type/Intensity:	III/2		
Event # = 22495	DOY=55	SMM Pointing:	S11W64		
89/02/24,08:28	Peak	End times			
GOES	08:24	08:32	08:27	FePeak.c/s=31	#Peaks=1 dt= 3.8s XEN=905503
BCS	08:27	08:53	08:53	Rast=420"x240"	Step=15" Cad= 459s 1.024s/pixel
FCS				Rast=70"x70"	Step=5" Pitch=+406",Yaw=-722"
UVSP	08:55			Exp #=84592	
Event # = 22496	DOY=55	SMM Pointing:	S11W64		
89/02/24,10:29	Peak	End times			
GOES	10:28	10:33	10:29	FePeak.c/s=7	#Peaks=1 dt= 7.7s XEN=905504
BCS				Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
FCS				Rast=180"x1"	Step=0" Pitch=+265",Yaw=-510"
UVSP	10:25			Exp #=84596	
Event # = 22497	DOY=55	SMM Pointing:	S11W64		
89/02/24,11:49	Peak	End times			
Optical				Mac.=EKI	Carr.Lon.=168deg H.Ang=57deg
GOES	11:43	12:04	11:49	FePeak.c/s=13	#Peaks=1 dt= 3.8s XEN=905505
BCS				Rast=420"x240"	Step=15" Cad= 459s 1.024s/pixel
FCS				Rast=180"x1"	Step=0" Pitch=+269",Yaw=-517"
UVSP	12:00			Exp #=84598	
Event # = 10473	DOY=55	SMM Pointing:	S11W64	Pitch=+422",Yaw=-753",Roll=-20deg	H.Ang=63deg
89/02/24,19:26	Peak	End times			
GOES	19:25:51	19:26:01	19:26:05	MaxkeV=102	Pitch=+305",Yaw=-573"
HXRBS				Rast=180"x1"	Step=0"
UVSP	19:46			Tot Cts=86	
				Exp #=84608	
Event # = 12775	DOY=55	SMM Pointing:	S11W64	Pitch=+422",Yaw=-753",Roll=-20deg	H.Ang=63deg
89/02/24,19:47	Peak	End times			
HXRBS	19:47:03	19:47:06	19:47:19	MaxkeV=629	Flags=FS,NS,GB
UVSP	19:46			Rast=180"x1"	Step=0" Pitch=+305",Yaw=-573"
				Tot Cts=1360	
				Exp #=84608	

Event # = 10474														
89/02/24	19:49	DOY=55		SMM Pointing:	S11W64							Pitch=+422", Yaw=-753", Roll=-20deg	H. Ang=63deg	
Optical		Peak	End times	Ha...Class=SF								Mac.=EKI	Carr. Lon.=172deg	H. Ang=65deg
GOES	19:46	19:49	19:54	Importance=C3	Qual=03		AR5368					MaxkeV=629	Flags=FS	
HXRBS	19:46:21	19:47:07	19:48:04	Peak...c/s=254	Qual=01		Tot Cts=2697					FePeak.c/s=18	#Peaks=1	dt= 3.8s
BOS	19:47	19:48	19:52	CaPeak.c/s=76	Qual= 1		FePeak=19:47					Rast=420"x240"	Step=15"	Cad= 459s
FCS				Wave length=2788A	Code=00		Exp #=84608					Rast=180"x1"	Step=0"	Pitch=+305", Yaw=-573"
UVSP	19:46													
Event # = 10475														
89/02/24	21:11	DOY=55		SMM Pointing:	S11W65							Pitch=+429", Yaw=-763", Roll=-20deg	H. Ang=64deg	
Optical		Peak	End times	Ha...Class=SF								Mac.=EKI	Carr. Lon.=171deg	H. Ang=65deg
GOES	21:06	21:11	21:17	Importance=C5	Qual=01		AR5368					MaxkeV=102	#Peaks=2	dt= 3.8s
HXRBS	21:06:08	21:09:01	21:10:57	Peak...c/s=50	Qual=01		Tot Cts=1359					FePeak.c/s=57	Step=15"	Cad= 459s
BOS	21:01	21:10	21:26	CaPeak.c/s=236	Qual= 1		FePeak=21:10					Rast=30"x30"	Step=10"	Pitch=+442", Yaw=-766"
FCS				Wave length=1375A	Code=00		Exp #=84613							
UVSP	20:58													
Event # = 22498														
89/02/24	22:35	DOY=55												
GOES	22:05	22:35	22:56	CaPeak.c/s=49	Qual=01		FePeak=22:23					FePeak.c/s=10	#Peaks=2	dt= 7.7s
BOS	22:05	22:35	22:56	Wave length=1375A	Qual= 1		Exp #=84620					Rast=240"x240"	Step=10"	Cad= 590s
FCS												Rast=30"x30"	Step=10"	Pitch=+426", Yaw=-726"
UVSP	22:32													
Event # = 10476														
89/02/24	23:02	DOY=55		SMM Pointing:	S11W65							Pitch=+429", Yaw=-763", Roll=-20deg	H. Ang=64deg	
Optical		Peak	End times	Ha...Class=SF								Mac.=EKI	Carr. Lon.=172deg	H. Ang=67deg
GOES	22:59	23:02	23:05	Importance=C8	Qual=02		AR5368					MaxkeV=230	#Peaks=1	dt= 7.7s
HXRBS	22:59:30	23:00:07	23:00:24	Peak...c/s=1763	Qual=01		Tot Cts=11686					FePeak.c/s=25	Step=10"	Cad= 590s
BOS	23:00	23:00	23:01	CaPeak.c/s=37	Qual= 1		FePeak=23:00					Rast=240"x240"	Step=10"	Cad= 590s
FCS				Wave length=1375A	Code=00		Exp #=84622					Rast=30"x30"	Step=10"	Pitch=+422", Yaw=-727"
UVSP	22:52													
Event # = 10477														
89/02/25	00:01	DOY=56		SMM Pointing:	S11W65							Pitch=+429", Yaw=-763", Roll=-20deg	H. Ang=64deg	
Optical		Peak	End times	Ha...Class=SN								Mac.=EAI	Carr. Lon.=47deg	H. Ang=59deg
GOES	23:47	00:01	00:06	Importance=C3	Qual=01		AR5377					MaxkeV=102	#Peaks=1	dt= 3.8s
HXRBS	23:59:05	23:59:17	23:59:57	Peak...c/s=53	Qual=01		Tot Cts=362					FePeak.c/s=25	Step=15"	Cad= 459s
BOS	23:58	00:01	00:10	CaPeak.c/s=115	Qual= 1		FePeak=00:00					Rast=420"x240"	Step=10"	Cad= 459s
FCS				Wave length=1375A	Code=00		Exp #=84625					Rast=30"x30"	Step=10"	Pitch=+454", Yaw=-780"
UVSP	23:43			Associated			Event # = 22499							
BOS	23:46	23:46	23:56	Qual= 4			FePeak=23:46					FePeak.c/s=14	#Peaks=1	dt= 7.7s
FCS												Rast=0" x0"	Step=0"	Cad=1.02s

Event # = 22501		DOY=56		Peak		End times			
89/02/25, 14:12	14:12	14:12	14:13	14:12	14:13	14:12	14:13	14:12	14:13
GOES						Qual=04			
BCS						Qual=5		FePeak=14:12	
FCS								Exp #=84668	
UVSP	14:28					Wavelength=2788A			
Event # = 22502		DOY=56		Peak		End times			
89/02/25, 15:17	15:17	15:17	15:45	15:17	15:45	15:16	15:16	15:16	15:16
GOES						Qual=03			
BCS						Qual=1		FePeak=15:16	
FCS								Exp #=84669	
UVSP	15:04					Wavelength=2788A			
Event # = 10482		DOY=56		Peak		End times			
89/02/25, 16:03	16:03	16:03	16:06	16:03	16:06	16:02	16:02	16:02	16:02
GOES						Qual=03			
HXRBS	16:01:16	16:01:26	16:01:37	16:01:16	16:01:37	Qual=01	Tot Cts=197		
BCS	16:02	16:03	16:06	16:02	16:06	Qual=4	FePeak=16:02		
FCS									
UVSP	16:01					Wavelength=2788A	Exp #=84670		
Event # = 22503		DOY=56		Peak		End times			
89/02/25, 16:47	16:47	16:47	16:51	16:47	16:51	16:47	16:47	16:47	16:47
Optical									
GOES						S13W78	AR5368		
BCS	16:45	16:47	16:51	16:45	16:51	Qual=01	FePeak=16:47		
FCS							Exp #=84671		
UVSP	16:38					Wavelength=2788A			
Event # = 10483		DOY=56		Peak		End times			
89/02/25, 21:58	21:58	21:58	22:03	21:58	22:03	21:56	21:56	21:56	21:56
Optical									
GOES	21:53	21:58	22:03	21:53	22:03	S12W78			
HXRBS	21:54:16	21:55:31	21:56:05	21:54:16	21:56:05	S13W80	AR5368		
BCS	21:55	21:56	22:10	21:55	22:10	Qual=01	Tot Cts=4900		
FCS						Qual=1	FePeak=21:56		
UVSP	22:13					Wavelength=2788A	Exp #=84678		
Event # = 22504		DOY=56		Peak		End times			
89/02/25, 23:16	23:16	23:16	23:18	23:16	23:18	23:16	23:16	23:16	23:16
GOES						Qual=00			
BCS	23:16	23:16	23:18	23:16	23:18	Qual=1	FePeak=23:16		
FCS							Exp #=84679		
UVSP	22:52					Wavelength=2788A			

Event # = 10484
 89/02/25, 23:31 DOY=56
 Start Peak End times
 GOES 23:27 23:31 23:37
 HXRBS 23:27:30 23:27:55 23:28:48
 BCS 23:28 23:30 23:48
 FCS
 UVSP 23:48
 Radio Frequency (MHz)/Flux(sfu): 4995/39 8800/50

SMM Pointing: S12W78
 Importance=C4
 Peak...c/s=310
 CaPeak.c/s=186
 Wavelength=2788A
 4995/39 8800/50

MaxkeV=187
 FePeak.c/s=51
 Rast=420"x240"
 dt= 3.8s XEN=905610
 #Peaks=1 Cad= 459s 1.024s/pixel
 Step=15" Step=0" Pitch=+360", Yaw=-636"
 Rast=180"x1" Step=0"

Pitch=+477", Yaw=-818", Roll=-20deg H.Ang=77deg

89/02/26 DOY=57
 S12W78
 H.Ang=77deg
 Pitch=+477", Yaw=-818", Roll=-20deg

Event # = 10485
 89/02/26, 00:55 DOY=57
 Start Peak End times
 GOES 00:54:33 00:55:06 00:55:26
 HXRBS 01:20
 UVSP

SMM Pointing: S12W78
 Qual=01
 Qual=01
 Peak...c/s=51
 Wavelength=2788A

MaxkeV=102
 Rast=180"x1" Step=0" Pitch=+362", Yaw=-637"

Event # = 22505
 89/02/26, 12:04 DOY=57
 Start Peak End times
 GOES 12:04 12:04 12:07
 BCS
 FCS
 UVSP 11:51

SMM Pointing: S12W86
 Qual=01
 Qual=4
 CaPeak.c/s=20
 Wavelength=1375A

FePeak.c/s=6
 Rast=0"x0" Step=0" dt= 7.7s XEN=905700
 Rast=130"x130" Step=5" Cad=1.02s 1.024s/pixel
 Pitch=+502", Yaw=-827"

Event # = 10486
 89/02/26, 16:58 DOY=57
 Start Peak End times
 Optical 16:53 17:09
 GOES 16:54:24 16:54:45 16:55:44
 HXRBS
 UVSP 16:54

SMM Pointing: S12W86
 Ha...Class=LN
 Importance=C4
 Peak...c/s=44
 Wavelength=2788A

Pitch=+497", Yaw=-828", Roll=-20deg H.Ang=84deg
 Mac.=CS0 Carr.Lon.=51deg H.Ang=32deg
 MaxkeV=102 Rast=180"x1" Step=0" Pitch=+384", Yaw=-642"

89/02/27 DOY=58
 S12W86
 H.Ang=84deg
 Pitch=+497", Yaw=-828", Roll=-20deg

Event # = 10487
 89/02/27, 01:39 DOY=58
 Start Peak End times
 Optical 01:33 01:39 01:49
 GOES 01:34:38 01:37:05 01:39:49
 HXRBS 01:19
 UVSP 01:19
 Radio Frequency (MHz)/Flux(sfu): 606/89 4995/27 8800/17 15400/54

SMM Pointing: S22E31
 Qual=01
 Qual=01
 Peak...c/s=176
 Wavelength=2788A
 Code=01 Exp #=84738
 606/89 4995/27 8800/17 15400/54

Mac.=CS0 Carr.Lon.=45deg H.Ang=33deg
 MaxkeV=102 Rast=180"x1" Step=0" Pitch=+384", Yaw=-642"

Event # = 10488
 89/02/27, 06:39 DOY=58
 Start Peak End times
 Optical 06:35 06:39 06:44
 GOES 06:36:05 06:36:33 06:37:40
 HXRBS
 UVSP 06:35

SMM Pointing: S12W84
 Ha...Class=SF
 Importance=C2
 Peak...c/s=51
 Wavelength=1375A
 Code=00 Exp #=84758

Pitch=+505", Yaw=-820", Roll=-20deg H.Ang=83deg
 Mac.=EKI Carr.Lon.=137deg H.Ang=68deg
 MaxkeV=102 Rast=265"x265" Step=5" Pitch=+512", Yaw=-814"

Event # = 22506			DOY=58						
89/02/27,20:53	Start	Peak							
Optical	End times								
GOES			S2E22	AR5379	Mac.=CSO	Carr.Lon.=44deg	H.Ang=26deg		
BCS	20:52	20:53	Qual=03		FePeak.c/s=15	#Peaks=1	dt= 7.7s	XEN=905800	
FCS			Qual= 4	FePeak=20:52	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel	
UVSP	20:56		WaveLength=2788A	Exp #=84782	Rast=180"x1"	Step=0"	Pitch=+169"	Yaw=-749"	
Event # = 22507			DOY=58						
89/02/27,22:27	Start	Peak							
Optical	End times								
GOES			Qual=03		FePeak.c/s=18	#Peaks=1	dt= 7.7s	XEN=905801	
BCS	22:10	22:27	Qual= 1	FePeak=22:26	Rast=420"x240"	Step=15"	Cad= 459s	1.024s/pixel	
FCS					Rast=180"x1"	Step=0"	Pitch=+4"	Yaw=+512"	
UVSP	22:28		WaveLength=2788A	Exp #=84784					
Event # = 10489			89/02/28 DOY=59						
89/02/28,04:14	Start	Peak							
Optical	End times								
GOES			S21E14		Pitch=+138"	Yaw=+284"	Roll=-20deg	H.Ang=19deg	
HXRBS	04:13:28	04:14:05	Qual=01		MaxKeyV=102				
UVSP	03:59		Qual=01	Tot Cts=1154	Rast=30"x30"	Step=10"	Pitch=+143"	Yaw=+300"	
				Exp #=84793					
Event # = 22508			DOY=59						
89/02/28,11:00	Start	Peak							
Optical	End times								
GOES			Qual=00		FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=905900	
BCS	10:54	11:00	Qual= 1	FePeak=10:54	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel	
FCS					Rast=180"x1"	Step=0"	Pitch=+154"	Yaw=+229"	
UVSP	10:56		WaveLength=2788A	Exp #=84813					
Event # = 22509			DOY=59						
89/02/28,15:25	Start	Peak							
Optical	End times								
GOES	15:18	15:25	S20E11	AR5379	Mac.=DKO	Carr.Lon.=44deg	H.Ang=17deg		
BCS	15:20	15:22	Qual=03		FePeak.c/s=5	#Peaks=1	dt= 7.7s	XEN=905901	
FCS			Qual= 6	FePeak=15:22	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel	
UVSP	15:35		WaveLength=2788A	Exp #=84819	Rast=180"x1"	Step=0"	Pitch=-3"	Yaw=+1"	
Event # = 10490			DOY=59						
89/02/28,16:54	Start	Peak							
Optical	End times								
GOES			S07W00		Pitch=-2"	Yaw=+0"	Roll=-20deg	H.Ang=0deg	
BCS	16:46	16:54	Qual=01	AR5378	Mac.=D50	Carr.Lon.=119deg	H.Ang=67deg		
HXRBS	16:47:08	16:47:37	Qual=01	Tot Cts=432	MaxKeyV=102				
UVSP	17:09		Qual=01	Exp #=84821	Rast=180"x1"	Step=0"	Pitch=-3"	Yaw=+1"	

Event # = 10491
 89/02/28,17:11 DOY=59 Pitch=-2", Yaw=+0", Roll=-20deg H.Ang=0deg
 Start Peak Carr. Lon.=118deg H.Ang=67deg
 SMM Pointing: S07W00
 Ha...Class=SF N14W64 AR5378
 Importance=C5 Qual=01
 Peak...c/s=65 Qual=01 Tot Cts=809
 Wavelength=2788A Code=00 Exp #=84821
 UVSP 17:09:09 17:09:53 17:10:24 Step=0" Pitch=-3", Yaw=+1"
 17:09

Event # = 10492
 89/02/28,18:24 DOY=59 Pitch=-2", Yaw=+0", Roll=-20deg H.Ang=0deg
 Start Peak Carr. Lon.=127deg H.Ang=76deg
 SMM Pointing: S07W00
 Ha...Class=SF N18W73 AR5373
 Importance=M2 Qual=03
 Peak...c/s=243 Qual=01 Tot Cts=39714
 Wavelength=2788A Code=00 Exp #=84823
 UVSP 18:10 18:24 19:09 Step=0" Pitch=-3", Yaw=+1"
 18:11:47 18:17:50 18:34:39
 18:42 Frequency(MHz)/Flux(sfu): 2695/89 4995/160 15400/200

Event # = 10493
 89/02/28,21:44 DOY=59 Pitch=+185", Yaw=+147", Roll=-20deg H.Ang=14deg
 Start Peak Carr. Lon.=47deg H.Ang=45deg
 SMM Pointing: S21E05
 Ha...Class=SN N38E05 AR5380
 Importance=C4 Qual=03
 Peak...c/s=281 Qual=01 Tot Cts=12992
 Wavelength=2788A Code=02 Exp #=84827
 UVSP 21:38 21:44 21:47 Step=0" Pitch=+67", Yaw=+325"
 21:39:26 21:42:27 21:47:15
 21:48 Frequency(MHz)/Flux(sfu): 410/200

Event # = 10494
 89/02/28,23:23 DOY=59 Pitch=+190", Yaw=+134", Roll=-20deg H.Ang=14deg
 Start Peak Carr. Lon.=118deg H.Ang=70deg
 SMM Pointing: S21E04
 Ha...Class=SF N14W67 AR5378
 Importance=C6 Qual=03
 Peak...c/s=94 Qual=01 Tot Cts=1872
 Wavelength=2788A Code=02 Exp #=84829
 UVSP 23:21 23:23 23:27 Step=0" Pitch=+71", Yaw=+313"
 23:21:45 23:22:31 23:23:15
 23:23 89/03/01 DOY=60

Event # = 22510
 89/03/01,02:34 DOY=60
 Start Peak Qual=02 FePeak=02:34
 GOES 02:13 02:34 02:37 CaPeak.c/s=22 FePeak=02:34
 BCS 02:13 02:34 02:37 Wavelength=2788A Exp #=84833
 UVSP 02:29

Event # = 10496
 89/03/01,08:47 DOY=60 Pitch=+217", Yaw=+58", Roll=-20deg H.Ang=13deg
 Start Peak S21W01
 GOES 08:47:05 08:47:29 08:47:43 Peak...c/s=72
 HXRBS 08:31 Wavelength=1375A Qual=01 Tot Cts=284
 UVSP 08:46:29 08:46:33 08:46:36 Peak...c/s=60 Exp #=84854
 HXRBS 08:46:29 08:46:33 08:46:36 Peak...c/s=60 Associated Event # = 10495
 MaxkeV=102 Step=10" Pitch=+198", Yaw=+70"
 Rast=30"x30" MaxkeV=144

Event # = 10497			SMM Pointing: S21W02			Pitch=+221", Yaw=+46", Roll=-20deg			H. Ang=13deg			
89/03/01,10:23	D0Y=60	Peak	End times	Importance=M1			Tot Cts=454					
G0ES	10:12	10:23	10:38	Peak...c/s=43			Exp #=84858					
HXRBS	10:18:13	10:19:37	10:20:05	Wavelength=2788A			Code=00			Step=0" Pitch=+103", Yaw=+224"		
UVSP	10:18											
Event # = 10498			SMM Pointing: N15W73			Pitch=+41", Yaw=-939", Roll=-20deg			H. Ang=76deg			
89/03/01,21:21	D0Y=60	Peak	End times	Ha...Class=SF			Carr. Lon.=122deg			H. Ang=85deg		
G0ES	21:17	21:21	21:25	Importance=C5			AR5378					
HXRBS	21:01:00	21:01:08	21:01:18	Peak...c/s=53			Tot Cts=161					
UVSP	21:09			Wavelength=2788A			Code=01			Step=0" Pitch=+182", Yaw=-761"		
Event # = 10499			SMM Pointing: N15W76			Pitch=+50", Yaw=-949", Roll=-20deg			H. Ang=78deg			
89/03/01,22:28	D0Y=60	Peak	End times	Importance=C4			Tot Cts=469					
G0ES	22:24	22:28	22:32	Peak...c/s=40			Exp #=84874					
HXRBS	22:25:46	22:26:29	22:27:59	Wavelength=2788A						Step=0" Pitch=+185", Yaw=-764"		
UVSP	22:43											
Event # = 10500			SMM Pointing: N15W76			Pitch=+50", Yaw=-949", Roll=-20deg			H. Ang=78deg			
89/03/02,00:05	D0Y=61	Peak	End times	Ha...Class=SN			AR5378					
G0ES	23:55	00:05	00:09	Importance=C6			Tot Cts=8137					
HXRBS	23:59:40	00:00:49	00:03:30	Peak...c/s=188			Exp #=84880					
UVSP	00:01			Wavelength=1375A			Code=00			Step=10" Pitch=+118", Yaw=-965"		
Event # = 22511			SMM Pointing: N15W76			Pitch=+50", Yaw=-949", Roll=-20deg			H. Ang=78deg			
89/03/02,03:48	D0Y=61	Peak	End times	Importance=M2			FePeak=03:28					
G0ES	03:31	03:48	04:11	CaPeak.c/s=146			Exp #=84897					
BCS	02:38	03:28	03:30	Wavelength=2788A						dt= 7.7s XEN=906100		
UVSP	04:11			Type/Intensity: III/I						Step=0" Cad=1.02s 1.024s/pixel		
Radio Sweeps				Frequency (MHz)/Flux(sfu): 245/160						Step=3" Pitch=+68", Yaw=-943"		
Event # = 22512			SMM Pointing: N15W76			Pitch=+50", Yaw=-949", Roll=-20deg			H. Ang=78deg			
89/03/02,04:29	D0Y=61	Peak	End times	Importance=C5			FePeak=04:29					
G0ES	04:29	04:29	05:04	CaPeak.c/s=351			Exp #=84898					
BCS	04:29	04:29	05:04	Wavelength=2788A						dt= 7.7s XEN=906101		
FCS	04:12									Cad=3840s 3840s/pixel		
UVSP	04:12									Step=3" Pitch=+68", Yaw=-943"		

Event # = 10501
 89/03/02,06:19 DOY=61
 Start Peak
 GOES 06:12 06:28
 HXRBS 06:13:37 06:14:40 06:20:26
 UVSP 05:58
 Radio Sweeps Type/Intensity:
 Frequency(MHz)/Flux(sfu): 1415/75 2695/15 4995/36 8800/30

SMM Pointing: N57W00
 Importance=M1
 Peak...c/s=661
 Wavelength=2788A
 III/1
 1415/75 2695/15 4995/36 8800/30

MaxkeV=231
 Rast=243"x21"
 Pitch=-868",Yaw=+13"
 Flags=M5
 Step=3"

Pitch=-875",Yaw=+0",Roll=0deg
 H.Ang=64deg

Event # = 10502
 89/03/02,08:01 DOY=61
 Start Peak
 GOES 08:00:58 08:01:23 08:01:53
 HXRBS 07:33
 UVSP

SMM Pointing: N34W00
 Peak...c/s=46
 Wavelength=2788A

MaxkeV=144
 Rast=243"x21"
 Step=3"
 Pitch=-628",Yaw=+13"

Pitch=-634",Yaw=+2",Roll=0deg
 H.Ang=41deg

Event # = 10503
 89/03/02,08:58 DOY=61
 Start Peak
 Optical
 GOES 08:00 08:58 09:26
 HXRBS 09:10:07 09:10:42 09:11:40
 BCS 09:27 09:27 09:35
 FCS
 UVSP 09:08
 Radio Sweeps Type/Intensity:
 III/1

SMM Pointing: N17W00
 Ha...Class=1N
 Importance=M2
 Peak...c/s=85
 CaPeak.c/s=19
 Wavelength=2788A

MaxkeV=144
 FePeak.c/s=6
 Rast=0"x0"
 Rast=243"x21"
 Step=3"
 dt= 7.7s
 XEN=906102
 Cad=1.02s
 1.024s/pixel
 Pitch=-388",Yaw=+13"

Pitch=-397",Yaw=+0",Roll=0deg
 H.Ang=24deg
 Mac.=DAO
 Carr.Lon.=40deg
 H.Ang=26deg

Event # = 22513
 89/03/02,15:04 DOY=61
 Start Peak
 GOES 15:04 15:04 15:58
 BCS
 FCS
 UVSP 15:03

SMM Pointing: N14W84
 CaPeak.c/s=26
 Wavelength=1375A

FePeak.c/s=8
 Rast=0"x0"
 Rast=265"x265"
 Step=5"
 dt= 7.7s
 XEN=906103
 Cad=1.02s
 1.024s/pixel
 Pitch=-94",Yaw=-951"

Pitch=+86",Yaw=-964",Roll=-20deg
 H.Ang=86deg

Event # = 10504
 89/03/02,18:47 DOY=61
 Start Peak
 GOES 18:30 18:47 19:04
 HXRBS 18:37:34 18:39:43 18:41:54
 BCS 18:32 18:49 19:04
 FCS
 UVSP 18:47

SMM Pointing: N14W84
 Importance=C9
 Peak...c/s=53
 CaPeak.c/s=403
 Wavelength=1375A

MaxkeV=102
 FePeak.c/s=43
 Rast=0"x0"
 Rast=265"x265"
 Step=5"
 dt=11.3s
 XEN=906104
 Cad=1.02s
 1.024s/pixel
 Pitch=+94",Yaw=-951"

Event # = 22514
 89/03/02,22:51 DOY=61
 Start Peak
 GOES 22:50 22:51 22:56
 BCS
 FCS
 UVSP 22:50

SMM Pointing: N14W84
 CaPeak.c/s=41
 Wavelength=1375A

FePeak.c/s=16
 Rast=0"x0"
 Rast=265"x265"
 Step=5"
 dt= 7.7s
 XEN=906105
 Cad=1.02s
 1.024s/pixel
 Pitch=+94",Yaw=-951"

89/03/03 DOY=62

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

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 Carr. Lon.=353deg H. Ang=42deg
Importance=C3 AR5385
Peak...c/s=66 Tot Cts=733
CaPeak.c/s=78 Qual=1 FePeak=00:41
Wavelength=2788A Code=02 Exp #=84949
MaxkeV=187
FePeak.c/s=16 dt= 7.7s XEN=906200
Rast=240"x240" Cad= 590s 1.024s/pixel
Rast=180"x1" Pitch=+221",Yaw=-779"

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

GOES 00:39 00:42 00:48 End times
BCS 00:47
UVSP 01:09
CaPeak.c/s=76 Qual=01
Peak3...c/s=12 Qual=1 FePeak=00:41
Wavelength=2788A Exp #=84950
FePeak.c/s=16 dt= 7.7s XEN=906203
Rast=0"x0" Cad=1.02s 1.024s/pixel
Rast=180"x1" Pitch=+221",Yaw=-779"

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

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

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

Optical
GOES 08:24:19 08:24:34 08:56:20 End times
HXRBs 08:12
UVSP 08:12
SMM Pointing: N18W24 Pitch=-254",Yaw=-491",Roll=-20deg H. Ang=35deg
Ha...Class=IN N17W90 Carr. Lon.=110deg H. Ang=92deg
Peak...c/s=65 Qual=00
Wavelength=1375A Qual=02 Tot Cts=20992
Exp #=84968
MaxkeV=144
Rast=10"x10" Pitch=-227",Yaw=-502"

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

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 Carr. Lon.=53deg H. Ang=43deg
Importance=C2 AR5377
CaPeak.c/s=36 Qual=1 FePeak=18:05
Wavelength=2788A Code=02 Exp #=84988
MaxkeV=187
FePeak.c/s=18 dt= 7.7s XEN=906202
Rast=0"x0" Cad=1.02s 1.024s/pixel
Rast=180"x1" Pitch=-86",Yaw=-375"

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

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 Pitch=-527",Yaw=+392",Roll=90deg H. Ang=43deg
Ha...Class=IB S22E33 H. Ang=35deg
Importance=C6 AR5388
Peak...c/s=100 Qual=01 Carr. Lon.=335deg
Wavelength=1375A Code=00 Tot Cts=3728
III/3 Qual=01 Exp #=85002
1415/24 2695/30 4995/21
Type/Intensity:
Radio Frequency (MHz)/Flux(sfu): 1415/24 2695/30 4995/21
MaxkeV=144
Rast=70"x70" Pitch=5" Step=5" H. Ang=+404"

Event # = 10509
 89/03/04, 18:50 DOY=63
 Start Peak End times
 SMM Pointing: N18W42 Pitch=-148", Yaw=-712", Roll=-20deg H.Ang=49deg
 GOES 18:49:59 18:50:14 18:51:09 Peak...c/s=42 Tot Cts=321
 HXRBS 22:10:51 22:11:24 22:14:08 Wavelength=2788A Wave length=2788A Qual=01 Exp #=85026
 UVSP 19:11 MaxkeV=102 Rast=180"x1" Step=0" Pitch=-10", Yaw=-535"

Event # = 10510
 89/03/04, 22:16 DOY=63
 Start Peak End times
 SMM Pointing: N18W44 Pitch=-137", Yaw=-735", Roll=-20deg H.Ang=50deg
 GOES 22:10 22:16 22:22 Importance=C3
 HXRBS 22:10:51 22:11:24 22:14:08 Peak...c/s=94 Tot Cts=1903
 UVSP 22:16 22:11:24 22:14:08 Wavelength=2788A Code=02 Exp #=85030
 MaxkeV=102 Rast=180"x1" Pitch=-1", Yaw=-553"

89/03/05 DOY=64
 Event # = 10511
 89/03/05, 01:31 DOY=64
 Start Peak End times
 SMM Pointing: N18W46 Pitch=-126", Yaw=-755", Roll=-20deg H.Ang=52deg
 Optical Carr. Lon.=46deg H.Ang=49deg
 GOES 01:24 01:31 01:51 Ha...Class=SB AR5379
 HXRBS 01:25:29 01:26:44 01:27:54 Importance=C3 Qual=03
 UVSP 01:24 01:26:44 01:27:54 Peak...c/s=47 Qual=01 Tot Cts=947
 Radio Sweeps Wavelength=2788A Code=00 Exp #=85034
 Type/Intensity: III/3 MaxkeV=102 Rast=180"x1" Pitch=+8", Yaw=-570"

Event # = 10518
 89/03/05, 02:22 DOY=64
 Start Peak End times
 SMM Pointing: N18W46 Pitch=-126", Yaw=-755", Roll=-20deg H.Ang=52deg
 GOES 02:15 02:22 02:34 Importance=M1 Qual=01
 HXRBS 02:14:24 02:15:24 02:26:21 Peak...c/s=262 Qual=01 Tot Cts=23313
 UVSP 02:03 02:15:24 02:26:21 Wavelength=2788A Code=01 Exp #=85035
 Radio Sweeps Type/Intensity: III/2 MaxkeV=144 Rast=180"x1" Step=0" Pitch=+10", Yaw=-574"

Event # = 10512
 89/03/05, 03:52 DOY=64
 Start Peak End times
 SMM Pointing: N18W48 Pitch=-120", Yaw=-767", Roll=-20deg H.Ang=53deg
 GOES 03:52:38 03:52:57 03:53:16 Peak...c/s=63
 HXRBS 03:52 03:52 03:53 Wavelength=1375A
 UVSP 03:52 03:52 03:53 Qual=01
 MaxkeV=102 Rast=10"x10" Step=0" Pitch=-160", Yaw=-752"

Event # = 10516
 89/03/05, 09:23 DOY=64
 Start Peak End times
 SMM Pointing: N18W50 Pitch=-109", Yaw=-788", Roll=-20deg H.Ang=55deg
 GOES 09:10 09:23 09:39 Importance=C8 Qual=02
 HXRBS 09:09:56 09:12:14 09:19:34 Peak...c/s=114 Qual=13
 UVSP 09:07 09:12:14 09:19:34 Wavelength=1375A Code=01 Tot Cts=9036
 Radio Sweeps Type/Intensity: V/2 Exp #=85073
 Radio Frequency(MHz)/Flux(sfu): 2695/36 4995/85 8800/89 15400/43
 MaxkeV=102 Rast=10"x10" Step=0" Pitch=-66", Yaw=-809"
 Flags=EN,DG

Event # = 10514
 89/03/05, 10:44 DOY=64
 Start Peak End times
 SMM Pointing: N18W51 Pitch=-102", Yaw=-799", Roll=-20deg H.Ang=56deg
 GOES 10:36 10:44 10:52 Importance=C7 Qual=03
 HXRBS 10:36:39 10:41:00 10:42:52 Peak...c/s=99 Qual=01 Tot Cts=7241
 UVSP 10:45 10:41:00 10:42:52 Wavelength=2788A Code=02 Exp #=85075
 Radio Frequency(MHz)/Flux(sfu): 15400/70
 MaxkeV=102 Rast=180"x1" Step=0" Pitch=+34", Yaw=-618"

HXRBS UVSP	10:32:42 09:59	10:33:29 10:33:42	Peak...c/s=40 Wavelength=2788A	Associated Qual=01	Event # = 10513 Tot Cts=230 Exp #=85074	MaxkeV=102 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	14:41:09	14:41:33	14:41:45	Qual=00		MaxkeV=102	Rast=180"x1"	Step=0"	Pitch=-327"	Yaw=-15"
HXRBS UVSP Radio	14:30	Frequency (MHz)/Flux (sfu):	15400/1	Qual=01	Tot Cts=340 Exp #=85080					
Event # = 10517	89/03/05, 16:31	DOY=64 Peak	SMM Pointing:	N24W03		Pitch=-457"	Yaw=-213"	Roll=-20deg	H. Ang=31deg	
GOES	16:31:03	16:31:13	16:31:23	Qual=00		MaxkeV=144	Rast=180"x1"	Step=0"	Pitch=-320"	Yaw=-34"
HXRBS UVSP Radio	16:57	Frequency (MHz)/Flux (sfu):	245/2100 410/360 15400/77	Qual=01	Tot Cts=183 Exp #=85083					
Event # = 11092	89/03/05, 18:36	DOY=64 Peak	SMM Pointing:	N24W04		Pitch=-452"	Yaw=-225"	Roll=-20deg	H. Ang=31deg	
GOES	18:28	18:36	18:42	Qual=03		MaxkeV=144	Rast=180"x1"	Step=0"	Pitch=-316"	Yaw=-46"
HXRBS UVSP Radio	18:25:44	18:33:10	18:34:51	Qual=01	Tot Cts=9510 Exp #=85085	Importance=C4 Peak...c/s=96	Flags=I			
Radio Sweeps	18:30	Type/Intensity:	III/1	Code=00		Wavelength=2788A				
Event # = 10519	89/03/05, 19:24	DOY=64 Peak	SMM Pointing:	N24W05		Pitch=-448"	Yaw=-237"	Roll=-20deg	H. Ang=32deg	
GOES	19:11	19:24	19:31	Qual=01		MaxkeV=144	Rast=180"x1"	Step=0"	Pitch=-314"	Yaw=-51"
HXRBS UVSP Radio	19:15:03	19:18:53	19:23:11	Qual=02	Tot Cts=12762 Exp #=85086	Importance=C8 Peak...c/s=260	Flags=SG			
Radio Sweeps	19:09	Frequency (MHz)/Flux (sfu):	245/120 410/700	Code=00		Wavelength=2788A				
Event # = 10520	89/03/05, 19:53	DOY=64 Peak	SMM Pointing:	N24W05		Pitch=-448"	Yaw=-237"	Roll=-20deg	H. Ang=32deg	
Optical	19:44	19:53	20:04	Qual=01	AR5394	Ha...Class=SF Importance=C8	Carr. Lon.=274deg		H. Ang=72deg	
HXRBS UVSP Radio	19:44:21	19:51:03	19:59:01	Qual=01	Tot Cts=18463 Exp #=85087	Peak...c/s=207	Step=0"	Pitch=-311"	Yaw=-58"	
Radio Sweeps	20:04	Type/Intensity:	V/2	Code=00		Wavelength=2788A				
Event # = 10521	89/03/05, 20:50	DOY=64 Peak	SMM Pointing:	N24W05		Pitch=-443"	Yaw=-249"	Roll=-20deg	H. Ang=32deg	
Optical	20:43	20:50	20:53	Qual=04	AR5395	Ha...Class=SN Code=BSL	Carr. Lon.=257deg		H. Ang=93deg	
HXRBS UVSP Radio	20:48:22	20:49:20	20:50:24	Qual=01	Tot Cts=1792 Exp #=85088	Importance=C6 Peak...c/s=99	Carr. Lon.=257deg		H. Ang=93deg	
Radio Sweeps	20:43	Type/Intensity:	V/3	Code=00		Wavelength=2788A				
Radio	Frequency (MHz)/Flux (sfu):	245/240				MaxkeV=102	Rast=180"x1"	Step=0"	Pitch=-309"	Yaw=-63"

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

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 Rast=180"x1" Step=0" Pitch=-309",Yaw=-63"

Event # = 10524
 89/03/05,21:05 Start DOY=64 Peak Carr. Lon.=256deg H.Ang=93deg
 End times
 Optical 21:01 21:05 21:07 Ha...Class=SN 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 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
 HXRBS 21:11:00 21:15:18 21:22:53 Peak...c/s=195 Qual=01 MaxkeV=144
 UVSP 21:37 Wavelength=2788A Code=02 Rast=180"x1" Step=0" Pitch=-307",Yaw=-70"
 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
 HXRBS 21:32:24 21:33:34 21:37:44 Peak...c/s=838 Qual=01 MaxkeV=231
 UVSP 21:37 Type/Intensity: III/I1 Flags=M5,I
 Radio Sweeps Radio Frequency(MHz)/Flux(sfu): 245/160 410/170 606/120 Step=0" Pitch=-307",Yaw=-70"

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 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 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	D0Y=64								
Start	Peak	SMM Pointing:	N24W07						
Optical		Ha...Class=SF	S20W61						
GOES 23:52	23:56	Importance=C5	Qual=05						
HXRBS 23:55:07	23:57:05	Peak...c/s=62	Qual=01	AR5379					
UVSP 23:50		Wavelength=2788A	Code=00	Tot Cts=1268					
				Exp #=85092					
									Pitch=-434", Yaw=-273", Roll=-20deg H.Ang=32deg
									Carr. Lon.=46deg H.Ang=60deg
									MaxkeV=102 Rast=180"x1" Step=0" Pitch=-300", Yaw=-87"
Event # = 10527									
89/03/06,00:21	D0Y=65								
Start	Peak	SMM Pointing:	N24W07						
Optical		Ha...Class=1N	N27E90						
GOES 00:17	00:21	Importance=C5	Qual=01	AR5395					
HXRBS 00:17:39	00:19:12	Peak...c/s=51	Qual=01	Tot Cts=848					
UVSP 00:43		Wavelength=2788A	Code=00	Exp #=85093					
				Event # = 10526					
				Tot Cts=711					
HXRBS 00:15:21	00:16:40	Peak...c/s=51	Qual=01	Exp #=85092					
UVSP 23:50		Wavelength=2788A	Code=00						
									Pitch=-434", Yaw=-273", Roll=-20deg H.Ang=32deg
									Mac.=EKC Carr. Lon.=255deg H.Ang=93deg
									MaxkeV=102 Rast=180"x1" Step=0" Pitch=-297", Yaw=-94"
									MaxkeV=102 Rast=180"x1" Step=0" Pitch=-300", Yaw=-87"
Event # = 10528									
89/03/06,00:24	D0Y=65								
Start	Peak	SMM Pointing:	N24W07						
GOES 00:24:04	00:24:25	Ha...Class=1N	N24W07						
HXRBS 00:24:04	00:24:25	Importance=C5	Qual=00						
UVSP 00:43		Peak...c/s=45	Qual=01	Tot Cts=213					
		Wavelength=2788A	Code=00	Exp #=85093					
									Pitch=-434", Yaw=-273", Roll=-20deg H.Ang=32deg
									MaxkeV=102 Rast=180"x1" Step=0" Pitch=-297", Yaw=-94"
Event # = 10529									
89/03/06,00:39	D0Y=65								
Start	Peak	SMM Pointing:	N24W07						
GOES 00:34	00:39	Importance=C7	Qual=03						
HXRBS 00:34:54	00:35:28	Peak...c/s=230	Qual=01	Tot Cts=8891					
UVSP 00:43		Wavelength=2788A	Code=02	Exp #=85093					
Radio		Frequency(MHz)/Flux(sfu):	4995/18 8800/40 15400/63						
									Pitch=-434", Yaw=-273", Roll=-20deg H.Ang=32deg
									MaxkeV=144 Rast=180"x1" Step=0" Pitch=-297", Yaw=-94"
Event # = 10530									
89/03/06,00:45	D0Y=65								
Start	Peak	SMM Pointing:	N24W07						
GOES 00:45:26	00:45:49	Ha...Class=1N	N24W07						
HXRBS 00:45:26	00:45:49	Importance=C5	Qual=01						
UVSP 00:43		Peak...c/s=44	Qual=01	Tot Cts=158					
		Wavelength=2788A	Code=00	Exp #=85093					
									Pitch=-434", Yaw=-273", Roll=-20deg H.Ang=32deg
									MaxkeV=102 Rast=180"x1" Step=0" Pitch=-297", Yaw=-94"
Event # = 10531									
89/03/06,00:49	D0Y=65								
Start	Peak	SMM Pointing:	N24W07						
GOES 00:48:02	00:49:01	Ha...Class=1N	N24W07						
HXRBS 00:48:02	00:49:01	Importance=C5	Qual=00						
UVSP 00:43		Peak...c/s=71	Qual=01	Tot Cts=924					
		Wavelength=2788A	Code=00	Exp #=85093					
									Pitch=-434", Yaw=-273", Roll=-20deg H.Ang=32deg
									MaxkeV=102 Rast=180"x1" Step=0" Pitch=-297", Yaw=-94"

Event # = 10532
89/03/06,00:57 Start
Pitch=-434", Yaw=-273", Roll=-20deg
H. Ang=32deg
Optical
SMM Pointing: N24W07
Ha...Class=2N
Importance=M3
Peak...c/s=63
Wave length=2788A
Code=01
AR5395
MaxkeV=102
Rast=180"x1"
Step=0" Pitch=-297", Yaw=-94"

Event # = 10533
89/03/06,01:38 Start
Pitch=-434", Yaw=-273", Roll=-20deg
H. Ang=32deg
Optical
SMM Pointing: N24W07
Code=BSL
Qual=00
HXRBS 01:37:48 01:38:45 01:39:22
Type/Intensity: III/3
Frequency(MHz)/Flux(sfu): 8800/42 15400/200
MaxkeV=102
Rast=180"x1"
Step=0" Pitch=-295", Yaw=-99"

Event # = 11105
89/03/06,03:23 Start
Pitch=-738", Yaw=+623", Roll=-20deg
H. Ang=85deg
G0ES 03:11 03:23 03:38 03:38
Type/Intensity: III/2
Frequency(MHz)/Flux(sfu): 4995/30 8800/24 15400/51
HXRBS 03:12:07 03:18:36 03:25:44
Type/Intensity: III/2
Frequency(MHz)/Flux(sfu): 4995/30 8800/24 15400/51
BGS 03:12 03:21 03:36
Type/Intensity: III/2
Frequency(MHz)/Flux(sfu): 4995/30 8800/24 15400/51
FCS
UVSP 02:57
Radio Sweeps
HXRBS 03:33:16 03:33:51 03:34:17
Type/Intensity: III/2
Frequency(MHz)/Flux(sfu): 4995/30 8800/24 15400/51
UVSP 03:52
G0ES 03:38:36 03:38:43 03:38:56
Type/Intensity: III/2
Frequency(MHz)/Flux(sfu): 4995/30 8800/24 15400/51
BCS 03:36 03:40 04:01
Type/Intensity: III/2
Frequency(MHz)/Flux(sfu): 4995/30 8800/24 15400/51
FCS
UVSP 03:52
Radio Sweeps
MaxkeV=144
FePeak.c/s=588
Rast=180"x180"
Step=10" dt= 7.7s XEN=906500
Step=0" Cad= 332s 1.024s/pixel
Step=0" Pitch=-603", Yaw=+553"

Event # = 11108
89/03/06,03:46 Start
Pitch=-738", Yaw=+623", Roll=-20deg
H. Ang=85deg
Optical
SMM Pointing: N29E81
Ha...Class=SF
Importance=C3
Peak...c/s=70
Wave length=2788A
Code=00
AR5395
MaxkeV=102
Rast=180"x1"
Step=0" Pitch=-603", Yaw=+553"

Event # = 11110
89/03/06,03:59 Start
Pitch=-738", Yaw=+623", Roll=-20deg
H. Ang=85deg
G0ES 03:58 03:59 04:29
Type/Intensity: III/2
Frequency(MHz)/Flux(sfu): 4995/30 8800/24 15400/51
HXRBS 03:59:01 03:59:32 04:00:12
Type/Intensity: III/2
Frequency(MHz)/Flux(sfu): 4995/30 8800/24 15400/51
UVSP 03:52
MaxkeV=102
Rast=180"x1"
Step=0" Pitch=-603", Yaw=+553"

Event # = 11112
 89/03/06, 04:55 DOY=65 Peak
 SMM Pointing: N28E77 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
 BCS 04:44 04:56 05:33
 FCS
 UVSP 04:54
 MaxkeV=102 Flags=I dt= 7.7s XEN=906502
 FePeak.c/s=19 #Peaks=1 Cad= 459s 1.024s/pxel
 Rast=420"x240" Step=15" Pitch=+827", Yaw=+491"
 Rast=10"x10" Step=0"
 MaxkeV=144 Flags=I
 Rast=10"x10" Step=0" Pitch=+827", Yaw=+491"
 Wavelength=1375A Code=00 Exp #=85102
 Associated Event # = 11111
 Peak...c/s=50 Tot Cts=183
 Wavelength=1375A Qual=01 Tot Cts=170
 Exp #=85100

Event # = 11113
 89/03/06, 06:33 DOY=65 Peak
 SMM Pointing: Pitch=-738", Yaw=+631", Roll=-20deg
 Optical Carr. =EKC Carr. Lon.=266deg H. Ang=80deg
 Optical S21W67 Carr. Lon.=48deg H. Ang=66deg
 GOES 05:58 06:33 06:58
 HXRBS 06:18:37 06:20:35 06:38:13
 BCS 06:20 06:33 07:07
 FCS
 UVSP 06:28
 Radio Sweeps
 Radio Type/Intensity: III/3
 Frequency(MHz)/Flux(sfu): 245/230 410/520 606/42 1415/23 2695/19 8800/160 15400/130
 HXRBS 06:40:49 06:41:15 06:41:31 Peak...c/s=38
 Radio Frequency(MHz)/Flux(sfu): 245/95
 HXRBS 06:44:16 06:44:17 06:45:26 Peak...c/s=54
 UVSP 06:41 Wavelength=1375A Qual=01 Tot Cts=110
 Exp #=85111
 Associated Event # = 11114
 Tot Cts=9400 FePeak=06:22
 MaxkeV=102 Flags=I, SA
 FePeak.c/s=44 #Peaks=1 dt= 7.7s XEN=906503
 Rast=240"x240" Step=10" Cad= 590s 1.024s/pxel
 Rast=10"x10" Step=0" Pitch=-748", Yaw=+589"
 MaxkeV=102 Flags=I
 MaxkeV=102
 Rast=10"x10" Step=0" Pitch=-738", Yaw=+599"
 Wavelength=1375A Qual=01 Tot Cts=11115
 Exp #=85113

Event # = 11116
 89/03/06, 06:54 DOY=65 Peak
 SMM Pointing: Pitch=-738", Yaw=+631", Roll=-20deg
 GOES 06:54:29 06:54:38 06:54:46 Qual=06
 HXRBS 06:41 Peak...c/s=104 Qual=01
 UVSP 06:41 Wavelength=1375A Tot Cts=232
 Exp #=85113

Event # = 11117
 89/03/06, 06:59 DOY=65 Peak
 SMM Pointing: Pitch=-738", Yaw=+631", Roll=-20deg
 GOES 06:59:14 06:59:20 06:59:29 Qual=06
 HXRBS 06:55 Peak...c/s=76 Qual=01
 UVSP 06:55 Wavelength=1375A Tot Cts=191
 Exp #=85115

Event # = 22517
 89/03/06, 08:31 DOY=65 Peak
 GOES 07:58 08:31 08:40 Qual=00
 BCS 07:58 08:31 08:40 Qual=4 FePeak=08:35
 FCS
 UVSP 08:29 Wavelength=1375A Exp #=85124
 FePeak.c/s=6 dt= 7.7s XEN=906504
 Rast=10"x10" Step=0" Cad=1.02s 1.024s/pxel
 Step=0" Pitch=-743", Yaw=+604"

Event # = 22518											
89/03/06,09:33	DOY=65	End times									
Start	Peak	Qual=05	FePeak=09:33								
GOES 09:33	09:33	CaPeak.c/s=22	Exp #=85125								
BCS 09:20	09:20	WaveLength=2788A									
FCS											
UVSP											
Event # = 22519											
89/03/06,09:45	DOY=65	End times									
Start	Peak	Qual=01	FePeak=09:45								
GOES 09:44	09:45	CaPeak.c/s=22	Exp #=85125								
BCS 09:20	09:20	WaveLength=2788A									
FCS											
UVSP											
Event # = 10535											
89/03/06,09:56	DOY=65	SMM Pointing:									
Start	Peak	Qual=01	Tot Cts=358								
GOES 09:56:41	09:56:57	Peak...c/s=65	Exp #=85125								
HXRBS 09:20	09:20	WaveLength=2788A									
UVSP											
Event # = 10536											
89/03/06,10:12	DOY=65	SMM Pointing:									
Start	Peak	Qual=00	Tot Cts=564								
GOES 10:10:12	10:10:38	Peak...c/s=61	FePeak=10:11								
HXRBS 10:10:12	10:12	CaPeak.c/s=70	Exp #=85126								
BCS 10:10:12	10:12	WaveLength=2788A									
FCS 10:10:12	10:12	WaveLength=2788A									
UVSP 10:10:12	10:12	WaveLength=2788A									
Radio Sweeps	Type/Intensity:	111/3									
Radio Frequency (MHz)/Flux(sfu):	410/200										

HXRBS 10:12:03	10:13:09	10:13:38	Peak...c/s=63	Associated Event # = 10537							
				Qual=01 Tot Cts=515							
Event # = 22520											
89/03/06,11:18	DOY=65	End times									
Start	Peak	Qual=01	FePeak=11:19								
GOES 11:15	11:18	CaPeak.c/s=27	Exp #=85128								
BCS 11:15	11:18	WaveLength=2788A									
FCS 11:15	11:18										
UVSP 11:15	11:18										
Event # = 11118											
89/03/06,11:42	DOY=65	SMM Pointing:									
Start	Peak	Qual=01	Tot Cts=24600								
GOES 11:34	11:42	Importance=C8	FePeak=11:41								
HXRBS 11:33:33	11:34:37	Peak...c/s=430	Exp #=85128								
BCS 11:34	11:42	CaPeak.c/s=414									
FCS 11:34	11:42	WaveLength=2788A									
UVSP 11:34	11:42	WaveLength=2788A									
Radio Frequency (MHz)/Flux(sfu):	245/1600										

Event # = 11121	SMM Pointing:		End times		DQY=65		Pitch=-738", Yaw=+631", Roll=-20deg	
89/03/06, 12:33 Start	Ha...Class=IB	Importance=C5	Peak...c/s=38	Peak	12:33	12:36	Mac.=EKC	Carr. Lon.=264deg H. Ang=80deg
Optical	N31E74	Qual=01	CaPeak.c/s=139	12:32	12:54		MaxkeV=144	Flags=I
GOES	Code=BSL	Qual=03	WaveLength=2788A	12:32			FePeak.c/s=27	#Peaks=2 dt= 3.8s XEN=906510
HXRBS	Importance=X20	Qual=14	Code=00	12:32			Rast=420"x240"	Cad= 459s 1.024s/pixel
BCS	CaPeak.c/s=185926	Qual=1	Associated	12:32			Rast=180"x1"	Step=0" Pitch=-603", Yaw=+553"
FCS	WaveLength=2788A	Qual=00	Event # = 11120	12:32			MaxkeV=144	
UVSP	245/490	Code=00	Exp # = 85129	12:32			Flags=I	
Radio	Peak...c/s=48	Qual=01	Tot Cts=364	12:30:02				
HXRBS								
Event # = 10538								
89/03/06, 14:05 Start	Ha...Class=38	Importance=C5	Peak...c/s=89	14:05	14:54		Pitch=-738", Yaw=+631", Roll=-20deg	
Optical	N35E69	Qual=00	CaPeak.c/s=7989	14:05	14:54		Mac.=EKC	Carr. Lon.=268deg H. Ang=77deg
Optical	Code=LPS	Qual=00	WaveLength=2788A	14:05			MaxkeV=856	Flags=M5, I, SN, EN, IN, DG
Optical	Code=B5L	Qual=00	Associated	14:05			>10MeV=Y	Dur=6420sec
GOES	Importance=X20	Qual=03	Event # = 20513	14:05			FePeak.c/s=7353	dt= 7.7s XEN=906512
HXRBS	CaPeak.c/s=185926	Qual=14	FePeak=14:18	14:05			Rast=180"x180"	Cad= 332s 1.024s/pixel
GRS	WaveLength=2788A	Qual=00	Exp # = 85131	14:05			Rast=180"x1"	Step=0" Pitch=-603", Yaw=+553"
BCS	245/2.2E5	Code=00	Tot Cts=4	14:05				
FCS	410/3500	Code=00	Event # = 20508	14:05				
UVSP	CaPeak.c/s=186	Qual=4	FePeak=18:45	14:05				
Radio Sweeps	WaveLength=2788A	Qual=1	Exp # = 85137	14:05				
Radio	II/3 IV/3	Code=00	Event # = 20513	14:05				
BCS	245/2.2E5	Code=00	FePeak=13:16	14:05				
FCS	410/3500	Code=00	Event # = 10541	14:05				
UVSP	CaPeak.c/s=89	Qual=1	Exp # = 85137	14:05				
HXRBS	WaveLength=2788A	Qual=01	Tot Cts=5152	14:05				
UVSP	18:42:46	Code=00	Event # = 10542	14:05				
HXRBS	18:43:31	Code=00	Tot Cts=1123	14:05				
UVSP	18:47	Code=00	Exp # = 85138	14:05				
HXRBS	19:19:57	Code=00	Tot Cts=1035	14:05				
UVSP	19:22:10	Code=00	Exp # = 85138	14:05				
HXRBS	19:23:42	Code=00	Tot Cts=327	14:05				
UVSP	19:25:28	Code=00	Exp # = 85138	14:05				
HXRBS	19:24:48	Code=00	Tot Cts=4140	14:05				
UVSP	19:25:40	Code=00	Exp # = 11122	14:05				
HXRBS	13:14:58	Code=00	Tot Cts=4140	14:05				
UVSP	13:15:31	Code=00	Exp # = 85130	14:05				
BCS	15:29	Code=00	Event # = 22521	14:05				
FCS	15:30	Code=00	FePeak=15:30	14:05				
UVSP	15:30	Code=00	Exp # = 85133	14:05				

Associated Event # = 22522
 Qual = 5
 FePeak = 17:13
 Exp # = 85135
 dt = 7.7s
 XEN = 906514
 #Peaks = 1
 Step = 10
 Rast = 240" x 240"
 Cad = 590s
 Pitch = -603", Yaw = +553"
 Rast = 180" x 1"

BCS 17:02 17:03 18:01
 FCS
 UVSP 16:53
 WaveLength = 2788A
 CaPeak.c/s = 507
 Wavelength = 2788A
 Exp # = 85135
 #Peaks = 1
 Step = 10
 Rast = 240" x 240"
 Cad = 590s
 Pitch = -603", Yaw = +553"
 Rast = 180" x 1"

Event # = 12772
 89/03/06, 16:51 DOY = 65
 Start Peak
 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
 Flags = NS, GB
 Step = 0
 Pitch = -603", Yaw = +553"

Event # = 11102
 89/03/06, 20:53 DOY = 65
 Start Peak
 GOFES 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
 HXRBS 20:48:53 20:48:58 20:49:04
 Peak...c/s = 74
 Peak...c/s = 59
 MaxkeV = 187
 FePeak.c/s = 65
 Rast = 240" x 240"
 Rast = 180" x 1"
 MaxkeV = 102
 MaxkeV = 102
 dt = 7.7s
 XEN = 906516
 #Peaks = 1
 Step = 10
 Cad = 590s
 Pitch = -603", Yaw = +553"
 Rast = 180" x 1"
 MaxkeV = 102
 MaxkeV = 102
 Carr. Lon. = 273deg
 H. Ang = 69deg

Event # = 10548
 89/03/06, 22:23 DOY = 65
 Start Peak
 Optical
 GOFES 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
 Qual = 01
 Tot Cts = 2790
 FePeak = 22:19
 Exp # = 85142
 Event # = 10549
 Tot Cts = 479
 Associated
 Qual = 01
 Ha...Class = SF
 N32E60
 Qual = 01
 Qual = 01
 Qual = 1
 AR5395
 MaxkeV = 102
 FePeak.c/s = 51
 Rast = 180" x 180"
 Rast = 180" x 1"
 MaxkeV = 102
 dt = 7.7s
 XEN = 906517
 #Peaks = 2
 Step = 10
 Cad = 332s
 Pitch = -603", Yaw = +553"
 Rast = 180" x 1"
 MaxkeV = 102
 Carr. Lon. = 267deg
 H. Ang = 75deg

Event # = 10550
 89/03/06, 23:50 DOY = 65
 Start Peak
 Optical
 GOFES 23:49:26 23:50:06 23:55:53
 HXRBS 23:41
 UVSP 23:41
 Peak...c/s = 154
 Wavelength = 1375A
 SMM Pointing:
 Ha...Class = SF
 N36E65
 Qual = 02
 Qual = 01
 AR5395
 Tot Cts = 3226
 Exp # = 85146
 MaxkeV = 187
 Rast = 130" x 130"
 Step = 5
 Pitch = -759", Yaw = +571"
 Carr. Lon. = 262deg
 H. Ang = 76deg

Event # = 10551
 89/03/06, 23:57 DOY = 65
 Start Peak
 Optical
 GOFES 23:57:17 23:57:50 23:57:58
 HXRBS 23:54
 UVSP 23:54
 Peak...c/s = 67
 Wavelength = 1375A
 SMM Pointing:
 Ha...Class = 1F
 N28E70
 Qual = 02
 Qual = 01
 AR5395
 Tot Cts = 358
 Exp # = 85147
 MaxkeV = 102
 Rast = 265" x 265"
 Step = 5
 Pitch = -771", Yaw = +583"
 Carr. Lon. = 262deg
 H. Ang = 76deg

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	SMM Pointing:		Pitch=-783", Yaw=+572", Roll=-20deg	
89/03/07 03:02	DOY=66	Start	End times	
GOES	03:01:27	03:02:47	Qual=01	dt= 7.7s XEN=906602
HXRBS	03:02	03:06	Qual=01	Cad= 590s
BCS	03:04		Qual=1	Pitch=-771", Yaw=+583"
FCS	03:01			
UVSP	03:01			
Radio Sweeps	Type/Intensity:			
Radio Frequency (MHz)/Flux(sfu):	15400/63			
Event # = 22524	SMM Pointing:		Pitch=-783", Yaw=+572", Roll=-20deg	
89/03/07 04:03	DOY=66	Start	End times	
GOES	04:01	04:11	Qual=01	dt= 7.7s XEN=906603
BCS	04:03		Qual=5	Cad= 459s
FCS	04:01			Pitch=-769", Yaw=+526"
UVSP	04:03			
Event # = 10558	SMM Pointing:		Pitch=-783", Yaw=+572", Roll=-20deg	
89/03/07 04:35	DOY=66	Start	End times	
GOES	04:29:53	04:32:36	Qual=01	dt= 7.7s XEN=906604
HXRBS	04:32	04:39	Qual=01	Cad= 590s
BCS	04:35		Qual=4	Pitch=-771", Yaw=+583"
FCS	04:34			
UVSP	04:33			
Event # = 10559	SMM Pointing:		Pitch=-783", Yaw=+572", Roll=-20deg	
89/03/07 05:51	DOY=66	Start	End times	
GOES	05:44:55	05:54:54	Qual=00	dt= 7.7s XEN=906605
HXRBS	05:51:35	05:54:54	Qual=01	Cad= 590s
UVSP	05:50			Pitch=-771", Yaw=+583"
Event # = 10560	SMM Pointing:		Pitch=-783", Yaw=+572", Roll=-20deg	
89/03/07 06:00	DOY=66	Start	End times	
Optical	06:00	09:18	Qual=01	dt= 7.7s XEN=906606
Optical	05:56	06:03:11	Qual=03	Cad= 590s
GOES	05:55:14	05:58:00	Qual=1	Pitch=-739", Yaw=+551"
HXRBS	05:57:00	06:28		
GRS	05:38	05:59		
BCS	05:59	05:59		
FCS	05:54			
UVSP	05:54			
Radio Frequency (MHz)/Flux(sfu):	245/1600	410/6600	606/9400	1415/1600
Event # = 10561	SMM Pointing:		Pitch=-783", Yaw=+572", Roll=-20deg	
89/03/07 06:09	DOY=66	Start	End times	
GOES	06:07:07	06:11:20	Qual=00	dt= 7.7s XEN=906607
HXRBS	06:09:16	06:11:20	Qual=01	Cad= 590s
UVSP	06:07			Pitch=-771", Yaw=+583"

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	Peak...c/s=60	Qual=02		
UVSP	06:23	Wavelength=1375A	Qual=01		
Radio Sweeps	Type/Intensity:	III/2	Tot Cts=472		
			Exp #=85181	Step=5" Pitch=-771", Yaw=+583"	
Event # = 10563		SMM Pointing:		Mac.=EKC Carr. Lon.=261deg H. Ang=75deg	
89/03/07	07:26	DOY=66	Peak		
Optical					
GOES	07:22:58	07:25:04	07:26:07		
HXRBS	07:24	Peak...c/s=277	Qual=06		
BCS	07:24	CaPeak.c/s=129	Qual=01		
FCS	07:27	Peak3...c/s=615	Qual=1		
UVSP	07:24	Wavelength=1375A	Tot Cts=8953		
Radio Sweeps	Type/Intensity:	III/3	FePeak=07:25	#Peaks=1 dt= 3.8s XEN=906606	
			Exp #=85185	Step=10" Cad= 590s XEN=906606	
				Step=5" Pitch=-771", Yaw=+583"	
Event # = 10564		SMM Pointing:		Mac.=EKC Carr. Lon.=261deg H. Ang=75deg	
89/03/07	07:39	DOY=66	Peak		
GOES	07:39:36	07:39:53	07:40:29		
HXRBS	07:39	Peak...c/s=52	Qual=06		
UVSP	07:27	Wavelength=1375A	Qual=01		
			Tot Cts=431	Step=5" Pitch=-769", Yaw=+541"	
			Exp #=85186		
Event # = 10565		SMM Pointing:		Mac.=EKC Carr. Lon.=261deg H. Ang=75deg	
89/03/07	07:53	DOY=66	Peak		
GOES	07:53:19	07:53:44	07:53:54		
HXRBS	07:44	Peak...c/s=37	Qual=06		
UVSP	07:44	Wavelength=1375A	Qual=01		
			Tot Cts=147	Step=5" Pitch=-779", Yaw=+516"	
			Exp #=85188		
Event # = 22526		SMM Pointing:		Mac.=EKC Carr. Lon.=237deg H. Ang=88deg	
89/03/07	07:54	DOY=66	Peak		
GOES	07:54	CaPeak.c/s=22	Qual=06		
BCS	07:54	Peak3...c/s=132	Qual=4		
FCS	07:55	Wavelength=1375A	FePeak=07:54	#Peaks=1 dt= 7.7s XEN=906607	
UVSP	07:44		Exp #=85188	Step=10" Cad= 590s XEN=906607	
				Step=5" Pitch=-779", Yaw=+516"	
Event # = 22526		SMM Pointing:		Mac.=EKC Carr. Lon.=237deg H. Ang=88deg	
89/03/07	08:00	DOY=66	Peak		
Optical					
GOES	07:58	08:00	08:01		
BCS	07:58	Code=LPS	FePeak=07:59	#Peaks=1 dt= 7.7s XEN=906608	
FCS	07:59	CaPeak.c/s=47	Exp #=85189	Step=10" Cad= 590s XEN=906608	
UVSP	07:57	Peak3...c/s=17		Step=5" Pitch=-771", Yaw=+583"	
		Wavelength=1375A			

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 09:11

Optical
 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

Qual=00
 Qual=01
 Qual=1

Tot Cts=3945
 FePeak=09:12
 Exp #=85194

Mac.=EKC
 Carr. Lon.=257deg
 Carr. Lon.=237deg

H.Ang=78deg
 H.Ang=94deg

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

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

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

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

HXRBS 09:12:48 09:13:05 09:13:56
 HXRBS 09:16:29 09:16:51 09:17:50
 UVSP 09:14

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

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

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 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 10:13

GOES
 HXRBS
 BCS
 FCS
 UVSP

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

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 DOY=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 13:49 14:09 Qual=01
 HXRBS 13:39:49 13:40:49 13:46:03 Qual=01 Tot Cts=40044
 GRS 13:43:00 13:44:00 13:44:00 Qual= 1 FePeak=13:43 #Peaks=2
 FCS 13:34 13:44 13:49 Code=00 Exp #=85211 Rast=240"x240" Step=10" Cad= 590s
 UVSP 13:40 Frequency(MHz)/Flux(sfu): 245/120 410/63 Rast=130"x130" Step=5" Pitch=-769", Yaw=+531"
 Radio Associated Event # = 20515
 14:07 14:07 14:15 CaPeak.c/s=89 Qual= 5 FePeak=14:08 dt= 7.7s XEN=906616
 BCS 14:07 14:08 14:08 Peak3...c/s=502 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel
 FCS 13:58 Wavelength=1375A Exp #=85213 Rast=130"x130" Step=5" Pitch=-774", Yaw=+526"
 UVSP

Event # = 10581
 89/03/07, 14:58 Start DOY=66 Peak
 SMM Pointing: AR5395 Carr. Lon.=258deg H. Ang=73deg
 Ha...Class=2B AR5395 Carr. Lon.=233deg H. Ang=94deg
 Code=LPS Mac.=EKC
 Importance=X2 Flags=M5
 Peak...c/s=18120 Qual=01 Tot Cts=4.03E+6 MaxkeV=856 Dur=240sec
 14:49 14:58 15:09 Qual= 1 FePeak=14:57 #Peaks=1 dt= 7.7s XEN=906617
 HXRBS 14:50:38 14:54:40 15:06:42 Qual=01 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel
 GRS 14:52:00 14:58 15:08 CaPeak.c/s=7195 Qual= 1 FePeak=14:57 Rast=130"x130" Step=5" Pitch=-774", Yaw=+526"
 BCS 14:49 14:58 15:02 Peak3...c/s=7435 Exp #=85217
 FCS Wavelength=1375A Code=00
 UVSP 14:57 Type/Intensity: V/3
 Radio Sweeps 606/100 1415/190 2695/180 4995/310 8800/1300 15400/2000
 Radio Frequency (MHz)/Flux(sfu): 245/130 410/79 Associated Event # = 10580
 14:49:15 14:49:24 14:49:33 Peak...c/s=88 Qual=01 MaxkeV=102
 UVSP 14:54 Wavelength=1375A Exp #=85216 Rast=265"x265" Step=5" Pitch=-771", Yaw=+583"
 BCS 15:08 15:08 15:47 CaPeak.c/s=194 #Peaks=1 dt= 7.7s XEN=906618
 FCS 15:11 Peak3...c/s=560 FePeak=15:08 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel

Event # = 10584
 89/03/07, 15:37 Start DOY=66 Peak
 SMM Pointing: AR5395 Carr. Lon.=260deg H. Ang=71deg
 Ha...Class=2B AR5395 Carr. Lon.=260deg H. Ang=71deg
 Code=LPS Mac.=EKC
 Importance=X2
 Peak...c/s=66 MaxkeV=102
 Wavelength=1375A Exp #=85221 Rast=130"x130" Step=5" Pitch=-774", Yaw=+521"
 15:36:49 15:37:32 15:37:50 Qual=01 Tot Cts=714
 HXRBS 15:30 15:32:42 15:33:09 Associated Event # = 10582
 UVSP 15:30 Wavelength=1375A Exp #=85224 Tot Cts=254
 HXRBS 15:32:32 15:32:42 15:33:09 Peak...c/s=104 Qual=01 MaxkeV=102
 HXRBS 15:33:46 15:33:59 15:35:34 Peak...c/s=44 Qual=01 MaxkeV=102

Event # = 22529
 89/03/07, 16:24 Start DOY=66 Peak
 FePeak=16:24 dt= 7.7s XEN=906619
 GUES 16:24 16:24 16:29 CaPeak.c/s=40 #Peaks=1 Step=15" Cad= 459s 1.024s/pixel
 BCS 16:24 16:24 16:24 Peak3...c/s=252 Rast=420"x240" Step=15" Cad= 459s 1.024s/pixel
 FCS Wavelength=1375A Exp #=85224 Step=5" Pitch=-771", Yaw=+583"
 UVSP

Event # = 10585		SMM Pointing:		AR5395	
89/03/07	16:29	DOY=66	Peak		
GOES					
HXRBS	16:28:53	16:29:09	16:29:20	Qual=01	
UVSP	16:27			Peak...c/s=38	MaxkeV=102
				Wavelength=1375A	Rast=265"x265" Step=5" Pitch=-771", Yaw=+583"
Event # = 10586		SMM Pointing:		AR5395	
89/03/07	16:42	DOY=66	Peak		
GOES					
HXRBS	16:41:41	16:42:29	16:44:22	Qual=01	
UVSP	16:31			Peak...c/s=62	MaxkeV=102
				Wavelength=1375A	Rast=130"x130" Step=5" Pitch=-774", Yaw=+516"
Event # = 10587		SMM Pointing:		AR5395	
89/03/07	16:56	DOY=66	Peak		
Optical					
GOES	16:48	16:56	17:23	N29E63	H.Ang=71deg
HXRBS	16:50:30	17:00:13	17:10:55	Importance=M4	Carr. Lon.=259deg
GRS	16:53:00		16:55:00	Peak...c/s=725	Flags=M5
UVSP	16:47			Qual=01	
Radio					
	Frequency (MHz)/Flux(sfu):	245/1000 410/55		Code=00	Dur=120sec
BCS	17:19	17:19	17:22	Associated	Rast=130"x130" Step=5" Pitch=-769", Yaw=+516"
FCS	17:19			Qual= 5	
UVSP	17:18			CaPeak.c/s=127	
				Peak3...c/s=84	
				Wavelength=1375A	
Event # = 10588		SMM Pointing:		N38E60	
89/03/07	18:20	DOY=66	Peak		
GOES					
HXRBS	18:09	18:20	18:25	Importance=C9	Qual=01
BCS	18:20:16	18:20:27	18:20:33	Peak...c/s=154	Qual=01
FCS	17:57	18:19	18:40	CaPeak.c/s=381	Qual= 1
UVSP	18:17	18:18		Peak3...c/s=1982	
Radio					
	Frequency (MHz)/Flux(sfu):	245/4400		Code=00	
HXRBS	18:21:54	18:22:14	18:22:29	Associated	Event # = 10589
UVSP	18:21			Qual=01	Tot Cts=256
				Peak...c/s=61	Exp # = 85235
				Wavelength=1375A	
Event # = 10590		SMM Pointing:		N38E60	
89/03/07	18:43	DOY=66	Peak		
GOES					
HXRBS	18:41:39	18:41:45	18:43:41	Qual=00	
BCS	18:40	18:43	18:49	Peak...c/s=42	Qual=01
FCS	18:48	18:48		CaPeak.c/s=27	Qual= 1
UVSP	18:37			Peak3...c/s=214	
				Wavelength=1375A	
				Exp # = 85237	
				Tot Cts=271	
				FePeak=18:40	
				MaxkeV=102	
				FePeak.c/s=7	#Peaks=1 dt= 7.7s XEN=906623
				Rast=240"x240"	Step=10" Cad= 590s 1.024s/pixel
				Rast=130"x130"	Step=5" Pitch=-777", Yaw=+487"

Event # = 10592	D0Y=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	CaPeak.c/s=46	Qual=01	MaxkeV=102	XEN=906624
BGS	19:45	Peak3...c/s=252	Qual=1	dt= 3.8s	1.024s/pixel
FCS	19:51	Wave length=1375A		Rast=240"x240"	Pitch=-782", Yaw=+473"
UVSP	19:38	Associated	Exp #=85241	Rast=130"x130"	
HRBS	19:44:15	Peak...c/s=49	Event # = 10591	Step=5"	
			Tot Cts=370	MaxkeV=102	
Event # = 10593	D0Y=66	SMM Pointing:	N38E60	Pitch=-824", Yaw=+406", Roll=-20deg	H. Ang=72deg
89/03/07 20:06	Peak	Importance=C3	Qual=01		
Optical		Peak...c/s=45	Qual=11	MaxkeV=102	Flags=DG
GOES	20:03	CaPeak.c/s=59	Qual=1	dt= 7.7s	XEN=906625
HRBS	20:03:39	Peak3...c/s=275		Rast=240"x240"	Cad= 590s
BGS	20:04	Wave length=1375A		Step=10"	1.024s/pixel
FCS	20:11	Associated	Tot Cts=271	Step=5"	Pitch=-787", Yaw=+467"
UVSP	19:54	Peak...c/s=49	FePeak=20:05		
Radio	Frequency (MHz)/Flux(sfu):	245/720	Exp #=85243		
Event # = 10594	D0Y=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	Peak...c/s=1033	Qual=01	MaxkeV=687	Flags=M5
HRBS	21:04:44	Wave length=1375A		Rast=130"x130"	Step=5"
GRS	21:05:00	4995/76 8800/530	Tot Cts=23510		Dur=60sec
UVSP	21:10	Associated	Exp #=85248	Pitch=-771", Yaw=+463"	
Radio	Frequency (MHz)/Flux(sfu):	15400/1200	Event # = 10595		
HRBS	21:08:34	Peak...c/s=60	Tot Cts=1455	MaxkeV=102	Pitch=-818", Yaw=+410"
UVSP	21:08	Wave length=1375A	Exp #=85247	Rast=265"x265"	
Event # = 10596	D0Y=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	Peak...c/s=126	Qual=01	MaxkeV=144	Pitch=-818", Yaw=+409"
HRBS	21:20:42	Wave length=1375A		Rast=265"x265"	Step=5"
UVSP	21:23	Associated	Tot Cts=2774		
Event # = 10597	D0Y=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	
Optical		Wave length=1375A	Qual=01	Rast=265"x265"	Pitch=-818", Yaw=+408"
GOES	21:42:02	Associated	Tot Cts=461		
HRBS	21:42:42	Peak...c/s=70	Exp #=85251		
UVSP	21:41	Wave length=1375A			
Event # = 10598	D0Y=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"
Optical		Wave length=1375A	Qual=01	Rast=265"x265"	Step=5"
GOES	21:43:51	Associated	Tot Cts=834		
HRBS	21:44:03	Peak...c/s=70	Exp #=85251		
UVSP	21:41	Wave length=1375A			

Event # = 10611		89/03/07, 22:38		DOY=66		Peak		SMM Pointing:		N38E59		Pitch=-825", Yaw=+396", Roll=-20deg		H. Ang=71deg	
Optical		End times		Ha...Class=2B		N10E59		AR5395		Mac.=EKC		Carr. Lon.=260deg		H. Ang=61deg	
GOES		22:22		22:38		23:01		Importance=M4		Qual=05		MaxkeV=367		#Peaks=1	
HXRB		22:35:52		22:45:27		22:53:05		Peak...c/s=2703		Qual=02		FePeak.c/s=742		dt= 3.8s	
BCS		22:36		22:37		23:00		CaPeak.c/s=2443		Qual= 1		Rast=420"x240"		Cad= 459s	
FCS		22:43		22:43				Peak3...c/s=3216				Step=15"		Pitch=-817", Yaw=+404"	
UVSP		22:40		22:40				Wavelength=1375A		Code=02		Exp #=85254			
Radio		Sweeps		Type/Intensity:				III/3							
Radio		Frequency (MHz)/Flux(sfu):		2695/100		8800/340		15400/730							
HXRB		22:54:44		22:55:12		22:55:54		Peak...c/s=55		Qual=01		MaxkeV=144			
UVSP		22:45		22:45				Wavelength=1375A		Associated		Rast=130"x130"		Step=5"	
HXRB		22:57:10		22:57:49		22:58:17		Peak...c/s=54		Qual=01		MaxkeV=144		Pitch=-750", Yaw=+472"	
UVSP		22:45		22:45				Wavelength=1375A		Associated		Rast=130"x130"		Step=5"	
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		MaxkeV=102		#Peaks=2	
HXRB		23:00		23:08		23:23		CaPeak.c/s=129		Qual= 4		Rast=240"x240"		dt= 7.7s	
BCS		23:00		23:18				Peak3...c/s=396				Step=10"		Cad= 590s	
FCS		23:00		23:00				Wavelength=1375A		Associated		Rast=130"x130"		Pitch=-760", Yaw=+471"	
UVSP		23:00		23:00				Peak...c/s=51		Qual=01		Exp #=85257			
HXRB		23:10:32		23:10:46		23:11:32		Peak...c/s=51		Associated		Event # = 10615			
UVSP		23:00		23:00				Wavelength=1375A		Qual=01		Tot Cts=270			
Event # = 10676		89/03/08, 01:21		DOY=67		Peak		SMM Pointing:		N38E37		Pitch=-784", Yaw=+200", Roll=-20deg		H. Ang=57deg	
Optical		End times		Ha...Class=SN		N28E59		AR5395		Mac.=EKC		Carr. Lon.=259deg		H. Ang=67deg	
GOES		01:16		01:21		01:27		Importance=C6		Qual=05		MaxkeV=102		#Peaks=2	
HXRB		01:23:08		01:23:24		01:23:34		Peak...c/s=49		Qual=01		Rast=180"x1"		dt= 7.7s	
UVSP		01:34		01:34				Wavelength=2788A		Code=00		Step=5"		Cad= 590s	
Radio		Frequency (MHz)/Flux(sfu):		1415/58		2695/42		8800/120		15400/560		Step=0"		Pitch=-647", Yaw=+123"	
Event # = 10616		89/03/08, 01:51		DOY=67		Peak		SMM Pointing:		N38E37		Pitch=-784", Yaw=+200", Roll=-20deg		H. Ang=57deg	
Optical		End times		Ha...Class=SF		N30E61		AR5395		Mac.=EKC		Carr. Lon.=257deg		H. Ang=69deg	
GOES		01:46		01:51		01:53		Importance=C4		Qual=01		MaxkeV=367		#Peaks=1	
HXRB		01:47:51		01:48:09		01:48:38		Peak...c/s=434		Qual=01		Rast=180"x1"		dt= 7.7s	
UVSP		01:34		01:34				Wavelength=2788A		Code=00		Step=0"		Cad= 459s	
Radio		Sweeps		Type/Intensity:				III/3				Step=0"		Pitch=-647", Yaw=+123"	
HXRB		01:49:29		01:50:39		01:50:51		Peak...c/s=434		Associated		Event # = 10617			
UVSP		01:51		01:51				Wavelength=2788A		Qual=01		Tot Cts=2478			
Radio		Frequency (MHz)/Flux(sfu):		1415/58		2695/42		8800/120		15400/560		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
G0ES 02:01:08 02:01:21 02:01:30 02:01:34
HXRB 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
HXRB 02:00:40 02:00:44 02:00:50 02:00:54
Peak...c/s=174
CaPeak.c/s=26
Peak3...c/s=44
Wavelength=2788A
Exp #=85263
Event # = 10618
Total Cts=785
FePeak=02:01
MaxkeV=102
dt=7.7s XEN=906701
Step=10" Cad=590s 1.024s/pixel
Step=0" Pitch=-647",Yaw=+123"

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
Associated Event # = 10630
Qual=01
G0ES 02:12 02:16 02:22 02:28
HXRB 02:12 02:16 02:22 02:28
BCS 02:12 02:16 02:22 02:28
FCS 02:12 02:16 02:22 02:28
UVSP 02:33
HXRB 02:18:55 02:19:04 02:19:19 02:19:28
Peak...c/s=55
MaxkeV=102
Carr. Lon.=256deg H.Ang=69deg
Flags=M5
dt=7.7s XEN=906702
Step=10" Cad=590s 1.024s/pixel
Step=0" Pitch=-646",Yaw=+117"

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
G0ES 03:01 03:07 03:15 03:23
HXRB 03:18:14 03:18:30 03:18:44 03:18:58
UVSP 03:08
HXRB 03:19:24 03:19:35 03:19:45 03:19:55
Peak...c/s=57
MaxkeV=102
Carr. Lon.=256deg H.Ang=70deg
dt=7.7s XEN=906703
Step=10" Cad=459s 1.024s/pixel
Step=0" Pitch=-645",Yaw=+114"

Event # = 10602
89/03/08,03:27 Start D0Y=67 Peak Pitch=-781",Yaw=+190",Roll=-20deg H.Ang=56deg

SMM Pointing: N38E36
Qual=01
Qual=01
Qual=1
G0ES 03:24:03 03:25:10 03:26:58 03:27:40
HXRB 03:24:03 03:25:10 03:26:58 03:27:40
BCS 03:18 03:27 03:40
FCS 03:30
UVSP 03:08
Radio Frequency(MHz)/Flux(sfu): 8800/26 15400/53
Associated Event # = 10601
Qual=01
Total Cts=2490
FePeak=03:27
Exp #=85265
Event # = 10603
Qual=01
Total Cts=211
Associated Event # = 10603
Qual=05
G0ES 03:29:09 03:29:20 03:29:38 03:29:46
HXRB 03:29:09 03:29:20 03:29:38 03:29:46
Peak...c/s=46
MaxkeV=102
dt=3.8s XEN=906703
Step=15" Cad=459s 1.024s/pixel
Step=0" Pitch=-645",Yaw=+114"

Event # = 10605																					
89/03/08, 03:49	Start	DOY=67	Peak	End times	SMM Pointing:	N38E36															
GOES																					
HXRBS	03:49:15	03:49:47	03:51:24		Peak...c/s=233	Qual=01															
UVSP	04:07				Wavelength=2788A	Qual=01															
Event # = 10606																					
89/03/08, 04:07	Start	DOY=67	Peak	End times	SMM Pointing:	N38E35															
GOES																					
HXRBS	04:07:14	04:07:48	04:07:56		Peak...c/s=52	Qual=00															
UVSP	04:07				Wavelength=2788A	Qual=01															
Event # = 10607																					
89/03/08, 04:09	Start	DOY=67	Peak	End times	SMM Pointing:	N38E35															
GOES																					
HXRBS	04:09:19	04:09:26	04:09:37		Peak...c/s=62	Qual=00															
UVSP	04:07				Wavelength=2788A	Qual=01															
Event # = 10608																					
89/03/08, 04:54	Start	DOY=67	Peak	End times	SMM Pointing:	N38E55															
Optical																					
GOES	04:50	04:54	05:13		Ha...Class=SF	N28E52															
HXRBS	04:55:42	04:56:44	04:58:22		Importance=C8	Qual=01															
UVSP	04:52				Peak...c/s=296	Qual=01															
					Wavelength=1375A	Code=00															
Radio					III/3																
Sweeps					Type/Intensity:																
Frequency					(MHz)/Flux(sfu):																
HXRBS	05:04:07	05:04:32	05:05:31		410/88 606/44	1415/18 2695/20															
UVSP	04:56				Associated	Event # = 10609															
					Peak...c/s=210	Qual=01															
					Wavelength=1375A																
Event # = 10610																					
89/03/08, 05:07	Start	DOY=67	Peak	End times	SMM Pointing:	N38E55															
Optical																					
GOES																					
HXRBS	05:07:18	05:07:28	05:07:46		Ha...Class=SF	N23E52															
UVSP	04:56				Peak...c/s=50	Qual=01															
					Wavelength=1375A																
Event # = 10621																					
89/03/08, 05:22	Start	DOY=67	Peak	End times	SMM Pointing:	N38E55															
Optical																					
GOES																					
HXRBS	05:20:47	05:22:32	05:30:11		Ha...Class=SF	N29E53															
UVSP	04:56				Peak...c/s=530	Qual=01															
					Wavelength=1375A																
Radio					15400/29																
Frequency					(MHz)/Flux(sfu):																

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
 Ha...Class=SF
 Importance=C4
 CaPeak.c/s=23
 Peak3...c/s=87
 Wavelength=1375A
 Code=02
 N30E57
 Qual=05
 Qual=5
 FePeak=06:34
 Exp #=85272
 AR5395
 Mac.=EKC
 Carr.Lon.=258deg
 H.Ang=66deg
 #Peaks=1 dt= 7.7s XEN=906705
 Step=15" Cad= 459s 1.024s/pixel
 Rast=420"x240" Pitch=-812",Yaw=+375"
 Rast=265"x265" Step=5"

Event # = 10627
 89/03/08, 06:36 DOY=67
 Start Peak
 GOES 06:36:48 06:36:52 06:37:04
 HXRBS
 UVSP 06:29
 SMM Pointing:
 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

Event # = 10628
 89/03/08, 06:48 DOY=67
 Start Peak
 GOES 06:48:32 06:48:37 06:48:46
 HXRBS
 UVSP 06:29
 SMM Pointing:
 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

Event # = 10629
 89/03/08, 06:54 DOY=67
 Start Peak
 GOES 06:54:25 06:54:33 06:54:48
 HXRBS
 UVSP 06:29
 SMM Pointing:
 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

Event # = 10631
 89/03/08, 07:00 DOY=67
 Start Peak
 GOES 06:57 07:00 07:02
 HXRBS 06:58:05 06:58:53 06:59:38
 BCS 06:48 07:00 07:21
 FCS
 UVSP 06:29
 SMM Pointing:
 Pitch=-822",Yaw=+368",Roll=-20deg
 H.Ang=68deg
 MaxkeV=102
 Rast=240"x240" dt= 3.8s XEN=906706
 Step=10" Cad= 590s 1.024s/pixel
 Step=10" Pitch=-755",Yaw=+478"
 Tot Cts=1255
 FePeak=07:00
 Exp #=85274

Event # = 10632
 89/03/08, 08:08 DOY=67
 Start Peak
 GOES 08:08:21 08:08:25 08:08:41
 HXRBS
 UVSP 08:03
 SMM Pointing:
 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		D0Y=67	Peak				Pitch=-819", Yaw=+356", Roll=-20deg		H. Ang=67deg	
Optical	SMM Pointing:		N38E54				Mac.=EKC		Carr. Lon.=262deg		H. Ang=63deg	
GOES	08:25	08:37	09:59	Ha...Class=1B		N31E52						
HXRBS	08:25:17	08:32:38	08:48:24	Importance=M6		Qual=03		AR5395				
BCS	08:10	08:35	08:55	Peak...c/s=3506		Qual=01		Tot Cts=4.67E+5		#Peaks=2		dt= 7.7s
FCS	08:10	08:35	08:55	CaPeak.c/s=4552		Qual= 1		FePeak.c/s=2117		Step=10"		XEN=906707
UVSP	08:35	08:42		Peak3...c/s=5873				Rast=180"x180"		Step=10"		Cad= 332s
Radio Sweeps	Type/Intensity:						Exp #=85281		Rast=30"x30"		Pitch=-754", Yaw=+464"	
Radio	Frequency(MHz)/Flux(sfu):		245/120 2695/53 4995/140 8800/360 15400/490									
Event # = 10642		89/03/08,08:54		D0Y=67	Peak				Pitch=-819", Yaw=+356", Roll=-20deg		H. Ang=67deg	
GOES	SMM Pointing:		N38E54				MaxkeV=144					
HXRBS	08:53:59	08:54:08	08:54:20	Peak...c/s=51		Qual=00		Tot Cts=81				
UVSP	08:35	08:35		Wavelength=1375A		Qual=01		Exp #=85281		Step=10"		Pitch=-754", Yaw=+464"
Event # = 10622		89/03/08,09:42		D0Y=67	Peak				Pitch=+603", Yaw=+648", Roll=90deg		H. Ang=66deg	
GOES	SMM Pointing:		N38E52				MaxkeV=102					
HXRBS	10:11:31	10:11:40	10:11:43	Peak...c/s=63		Qual=05		Tot Cts=96		#Peaks=1		dt= 3.8s
BCS	09:42	09:42	10:29	CaPeak.c/s=143		Qual=01		FePeak=09:42		Step=15"		XEN=906708
FCS	09:42	09:47		Peak3...c/s=701		Qual= 5		Exp #=85284		Step=10"		Cad= 459s
UVSP	09:35	09:35		Wavelength=1375A				Rast=420"x240"		Step=10"		Pitch=+696", Yaw=+544"
Event # = 22533		89/03/08,11:44		D0Y=67	Peak				Pitch=-771", Yaw=+158", Roll=-20deg		H. Ang=54deg	
Optical	SMM Pointing:		N36W38				Carr. Lon.=350deg					
GOES	Qual=01						FePeak.c/s=7		#Peaks=2		dt= 3.8s	
BCS	11:04	11:44	12:02	CaPeak.c/s=52		Qual= 1		Rast=180"x180"		Step=10"		XEN=906709
FCS	11:07	11:48		Peak3...c/s=189				Rast=243"x243"		Step=3"		Cad= 332s
UVSP	11:07	11:07		Wavelength=2788A				Exp #=85287		Pitch=-809", Yaw=+356"		
Event # = 10623		89/03/08,12:39		D0Y=67	Peak				Pitch=-771", Yaw=+158", Roll=-20deg		H. Ang=54deg	
GOES	SMM Pointing:		N38E33				MaxkeV=367		Flags=M5		dt= 3.8s	
HXRBS	12:37:32	12:38:52	12:41:54	Peak...c/s=2052		Qual=01		Tot Cts=30881		#Peaks=1		XEN=906710
BCS	12:39	12:39	12:44	CaPeak.c/s=122		Qual= 1		FePeak=12:39		Step=15"		Cad= 459s
FCS	12:28	12:43		Peak3...c/s=17				Exp #=85289		Step=0"		Pitch=-638", Yaw=+89"
UVSP	12:28	12:28		Wavelength=2788A				Rast=180"x1"		Step=0"		Pitch=-638", Yaw=+89"
Radio	Frequency(MHz)/Flux(sfu):		245/110 8800/91 15400/95									

Event # = 10625
 89/03/08, 13:19 Start DOY=67 Peak
 SMM Pointing: N38E33 Pitch=-771", Yaw=+158", Roll=-20deg H. Ang=54deg
 Ha...Class=M9 Carr. Lon.=263deg H. Ang=59deg
 Importance=M9 AR5395
 Peak...c/s=906 Qual=03
 CaPeak.c/s=228 Qual=1 Tot Cts=39244 dt= 7.7s XEN=906711
 Peak3...c/s=19 Code=02 FePeak=13:16 Cad=3840s 3840s/pixel
 Wavelength=2788A Exp #=85290 Rast=0"x0" Pitch=-637", Yaw=+84"
 606/69 4995/160 8800/150 Associated
 Frequency (MHz)/Flux (sfu): 606/69 4995/160 8800/150
 Associated
 HXRBS 13:02:35 13:03:08 13:03:58 Peak...c/s=544 Qual=01 Tot Cts=6567 MaxkeV=231
 HXRBS 13:29:35 13:29:55 13:30:56 Peak...c/s=60 Qual=01 Tot Cts=705 MaxkeV=102

Event # = 10636
 89/03/08, 14:13 Start DOY=67 Peak
 SMM Pointing: N38E33 Pitch=-771", Yaw=+158", Roll=-20deg H. Ang=54deg
 Qual=01
 Qual=01
 Qual=4
 GUES 14:12:12 14:12:28 14:13:08 Peak...c/s=56 Tot Cts=608 MaxkeV=102
 HXRBS 14:13 14:16 14:16 CaPeak.c/s=43 FePeak=14:13 dt= 3.8s XEN=906712
 BCS 14:13 14:15 14:15 Peak3...c/s=11 Peak=420"x240" Cad= 459s 1.024s/pixel
 FCS 14:01 Wavelength=2788A Exp #=85291 Rast=180"x1" Pitch=-636", Yaw=+81"

Event # = 10637
 89/03/08, 14:22 Start DOY=67 Peak
 SMM Pointing: N38E33 Pitch=-771", Yaw=+158", Roll=-20deg H. Ang=54deg
 Qual=01
 Qual=01
 GUES 14:22:37 14:22:55 14:24:43 Peak...c/s=116 Tot Cts=2983 MaxkeV=144
 HXRBS 14:01 Wavelength=2788A Exp #=85291 Rast=180"x1" Pitch=-636", Yaw=+81"

Event # = 22534
 89/03/08, 14:25 Start DOY=67 Peak
 SMM Pointing: N38E33 Pitch=-770", Yaw=+147", Roll=-20deg H. Ang=54deg
 Qual=01
 Qual=4
 GUES 14:25 14:27 14:27 CaPeak.c/s=26 FePeak=14:25 dt= 7.7s XEN=906713
 BCS 14:25 14:27 14:27 Peak3...c/s=22 Peak=180"x180" Cad= 332s 1.024s/pixel
 FCS 14:01 Wavelength=2788A Exp #=85291 Rast=180"x1" Pitch=-636", Yaw=+81"

Event # = 10640
 89/03/08, 14:50 Start DOY=67 Peak
 SMM Pointing: N38E32 Pitch=-770", Yaw=+147", Roll=-20deg H. Ang=54deg
 Ha...Class=2B Carr. Lon.=262deg H. Ang=58deg
 Importance=M1 AR5395
 Peak...c/s=219 Qual=01 Tot Cts=86241
 CaPeak.c/s=285 Qual=1 FePeak=14:48 dt= 7.7s XEN=906714
 Peak3...c/s=21 Code=02 Exp #=85292 Dur=60sec
 Wavelength=2788A 2695/49 4995/68 8800/410
 Frequency (MHz)/Flux (sfu): 606/81 1415/59 2695/49 4995/68 8800/410
 Associated Event # = 10635
 HXRBS 14:58:35 14:58:43 14:58:52 Peak...c/s=66 Qual=01 Tot Cts=175 MaxkeV=102
 HXRBS 14:30:06 14:31:04 14:31:51 Peak...c/s=249 Qual=01 Tot Cts=4720 MaxkeV=144
 UVSP 14:01 Wavelength=2788A 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	N38E32	Qual=01		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	Tot Cts=163	MaxkeV=102				
BCS	16:09	16:09	16:12	Peak3...c/s=27		Qual=4	FePeak=16:09	FePeak.c/s=14	#Peaks=1	dt= 7.7s	XEN=906715	
FCS				WaveLength=2788A			Exp #=85294	Rast=420"x240"	Step=15"	Cad= 459s	1.024s/pixel	
UVSP	16:34							Rast=180"x1"	Step=0"	Pitch=-632"	Yaw=+66"	
Event # = 10641												
89/03/08	16:23	16:23:30	16:24:08	Peak...c/s=42	N38E31	Qual=01		Pitch=-766",	Yaw=+137",	Roll=-20deg	H. Ang=53deg	
GOES				WaveLength=2788A		Qual=01						
HRBS	16:23:20	16:23:30	16:24:08	Peak...c/s=42		Qual=01	Tot Cts=321	MaxkeV=102				
UVSP	16:34						Exp #=85294	Rast=180"x1"	Step=0"	Pitch=-632"	Yaw=+66"	
Event # = 10643												
89/03/08	18:09	18:08:30	18:10:04	Peak...c/s=223	N35E49	Qual=01		Pitch=-783",	Yaw=+349",	Roll=-20deg	H. Ang=62deg	
Optical				WaveLength=2788A		Code=02						
GOES	18:03	18:09	18:15	Ha...Class=1F		N30E49	AR5395	Mac.=EKC		Carr. Lon.=260deg	H. Ang=60deg	
HRBS	18:04:19	18:08:30	18:10:04	Importance=C4		Qual=03		MaxkeV=144		Flags=M5, FS		
UVSP	18:09			Peak...c/s=223		Qual=01	Tot Cts=4707	Rast=180"x1"	Step=0"	Pitch=-648"	Yaw=+275"	
Event # = 10644												
89/03/08	18:57	18:54:51	19:06:54	Peak...c/s=14560	N35E49	Qual=01		Pitch=-783",	Yaw=+349",	Roll=-20deg	H. Ang=62deg	
GOES				Importance=M4		Qual=01						
HRBS	18:51:49	18:54:51	19:06:54	Peak...c/s=14560		Qual=01	Tot Cts=1.00E+6	MaxkeV=467		Flags=M5		
GRS	18:52:00			CaPeak.c/s=4629		Qual=1	FePeak=18:56	FePeak.c/s=1717	#Peaks=1	dt= 3.8s	XEN=906716	
BCS	18:52	18:56	19:06	Peak3...c/s=5873		Code=00	Exp #=85304	Rast=420"x240"	Step=15"	Cad= 459s	1.024s/pixel	
FCS				WaveLength=1375A				Rast=30"x30"	Step=10"	Pitch=-732"	Yaw=+402"	
UVSP	18:56											
Event # = 10645												
89/03/08	19:11	19:11:24	19:12:22	Peak...c/s=89	N35E49	Qual=05		Pitch=-783",	Yaw=+349",	Roll=-20deg	H. Ang=62deg	
GOES				WaveLength=1375A		Qual=01						
HRBS	19:10:55	19:11:24	19:12:22	Peak...c/s=89		Qual=01	Tot Cts=1005	MaxkeV=144		Step=10"	Pitch=-732"	Yaw=+402"
UVSP	18:56			WaveLength=1375A		Qual=01	Exp #=85304	Rast=30"x30"	Step=10"	Pitch=-732"	Yaw=+402"	
BCS	19:07	19:07	19:29	CaPeak.c/s=183	Associated	Qual=5	Event # = 22535	FePeak.c/s=16	#Peaks=1	dt= 7.7s	XEN=906717	
FCS				Peak3...c/s=724		Qual=5	FePeak=19:07	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel	
Event # = 10646												
89/03/08	19:16	19:16:39	19:17:03	Peak...c/s=77	N35E49	Qual=01		Pitch=-783",	Yaw=+349",	Roll=-20deg	H. Ang=62deg	
GOES				WaveLength=1375A		Qual=01						
HRBS	19:16:16	19:16:39	19:17:03	Peak...c/s=77		Qual=01	Tot Cts=412	MaxkeV=102		Step=10"	Pitch=-732"	Yaw=+402"
UVSP	18:56			WaveLength=1375A		Qual=01	Exp #=85304	Rast=30"x30"	Step=10"	Pitch=-732"	Yaw=+402"	

Event # = 22536	DOY=67	End times	Qual=06	FePeak=19:33	#Peaks=1	dt= 7.7s	XEN=906718
89/03/08,19:33	Peak	19:40	Qual=1	Exp #=85306	Step=10"	Cad= 332s	1.024s/pixel
GOES	19:33	CaPeak.c/s=47			Step=10"	Pitch=-722"	Yaw=+406"
BCS	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	20:32					
GOES	20:24:42	SMM Pointing:	Qual=01	Tot Cts=298	dt= 3.8s	XEN=906719	
HXRBS	20:25	Peak...c/s=53	Qual=01	FePeak=20:26	Step=15"	Cad= 459s	1.024s/pixel
BCS	20:26	CaPeak.c/s=62	Qual=1		Step=5"	Pitch=-772"	Yaw=+347"
FCS	20:30	Peak3..c/s=154					
UVSP	20:25	Wavelength=1375A		Exp #=85309			
Event # = 10648	DOY=67	End times	N35E48				H. Ang=62deg
89/03/08,20:54	Peak	21:02					
Optical	20:49:32	SMM Pointing:	Qual=01	Tot Cts=212	dt= 7.7s	XEN=906720	
Optical	20:50	Ha...Class=SF	Qual=1	FePeak=20:53	Step=10"	Cad= 332s	1.024s/pixel
Optical	20:54	Ha...Class=SF		Exp #=85313	Step=10"	Pitch=-745"	Yaw=+408"
GOES	20:59	Ha...Class=SF					
HXRBS	20:50	Peak...c/s=41					
BCS	20:54	CaPeak.c/s=60					
FCS	20:59	Peak3..c/s=242					
UVSP	20:50	Wavelength=1375A					
Event # = 10672	DOY=67	End times	N35E46				H. Ang=61deg
89/03/08,22:37	Peak	22:41					
Optical	22:33	SMM Pointing:	S15E68	AR5398			H. Ang=67deg
GOES	22:37	Ha...Class=SF	Qual=01				
HXRBS	22:33:48	Importance=C4	Qual=01	Tot Cts=234	dt= 7.7s	XEN=906720	
UVSP	22:25	Peak...c/s=52		Exp #=85320	Step=10"	Cad= 332s	1.024s/pixel
Radio Sweeps	22:25	Wave length=1375A	Code=00		Step=10"	Pitch=-753"	Yaw=+411"
Radio	22:38:21	Type/Intensity:					
HXRBS	22:38:21	Frequency(MHz)/Flux(sfu):	410/110				
		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	22:46:58					
Optical	22:46:25	SMM Pointing:	N35E46	AR5395			H. Ang=59deg
GOES	22:46	Ha...Class=SF	N35E45				
HXRBS	22:46:25	Peak...c/s=133	Qual=01	Tot Cts=430	dt= 3.8s	XEN=906719	
UVSP	22:46	Wavelength=1375A	Qual=01	Exp #=85322	Step=10"	Cad= 459s	1.024s/pixel
					Step=10"	Pitch=-723"	Yaw=+379"

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 23:53 Peak3..c/s=263 Qual=1
 UVSP 23:37 Type/Intensity: III/2 Wavelength=1375A Exp #=85325
 Radio Sweeps
 HXRBS 23:41:32 23:41:55 23:42:12 Peak...c/s=40 Associated Event # = 10675
 Radio Sweeps Type/Intensity: III/2 Qual=01 Tot Cts=136
 MaxkeV=102
 FePeak.c/s=10 #Peaks=1 dt= 3.8s XEN=906721
 Rast=420"x240" Cad= 459s Step=15" XEN=906721
 Rast=30"x30" Pitch=-747, Yaw=+345 Step=10" XEN=906721
 MaxkeV=102

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 Type/Intensity: III/2 Wavelength=1375A FePeak=01:25
 Exp #=85334
 FePeak.c/s=8 #Peaks=1 dt= 7.7s XEN=906800
 Rast=240"x240" Cad= 590s Step=10" XEN=906800
 Rast=10"x10" Pitch=-735", Yaw=+381" Step=0"

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 Type/Intensity: III/2 Wavelength=1375A FePeak=01:41
 Exp #=85336
 FePeak.c/s=10 #Peaks=1 dt= 7.7s XEN=906801
 Rast=240"x240" Cad= 590s Step=10" XEN=906801
 Rast=10"x10" Pitch=-724", Yaw=+349" Step=0"

Event # = 10650
 89/03/09, 01:54 DOY=68 Peak Pitch=-776", Yaw=+316", Roll=-20deg H.Ang=60deg
 SMM Pointing: N35E45
 GOES
 HXRBS 01:49:08 01:49:43 01:54:45 Peak...c/s=156 Qual=00
 BCS 01:50 01:54 02:01 CaPeak.c/s=73 Qual=01
 FCS 01:58 01:58 Peak3..c/s=239 Qual=1
 UVSP 01:50 Type/Intensity: III/3 Wavelength=1375A Exp #=85338
 Radio Sweeps Frequency (MHz)/Flux(sfu): 410/140
 MaxkeV=144 #Peaks=1 dt= 3.8s XEN=906819
 Rast=420"x240" Cad= 459s Step=15" XEN=906819
 Rast=10"x10" Pitch=-704", Yaw=+399" Step=0"

Event # = 10651
 89/03/09, 01:57 DOY=68 Peak Pitch=-776", Yaw=+316", Roll=-20deg H.Ang=60deg
 SMM Pointing: N35E45
 GOES
 HXRBS 01:57:45 01:57:50 01:58:07 Peak...c/s=42 Qual=00
 UVSP 01:50 Type/Intensity: III/2 Wavelength=1375A Exp #=85338
 FePeak=105
 Exp #=85338
 MaxkeV=102
 Rast=10"x10" Pitch=-704", Yaw=+399" Step=0"

Event # = 10663		DOY=68		SMM Pointing:		N35E43		Pitch=-771", Yaw=+294", Roll=-20deg		H.Ang=58deg	
89/03/09	05:04	Start	Peak	End times	Ha...Class=IN	Importance=C7	Qual=03	AR5394	Mac.=DAI	Carr.-Lon.=262deg	H.Ang=46deg
Optical	04:52	04:58:11	05:02:13	05:31	Peak...c/s=76	WaveLength=1375A	Code=00	Tot Cts=6848	MaxkeV=144	Step=0"	Pitch=-721", Yaw=+348"
HXRBS	04:51:21							Exp #=85356	Rast=10"x10"		
UVSP	04:57										
Event # = 10652		DOY=68		SMM Pointing:		N35E43		Pitch=-771", Yaw=+294", Roll=-20deg		H.Ang=58deg	
89/03/09	06:10	Start	Peak	End times	Peak...c/s=53	CaPeak.c/s=34	Qual=4		MaxkeV=102		
GOES	06:17:59	06:18:05	06:18:43	06:42				Tot Cts=322	FePeak.c/s=7	#Peaks=3	dt= 7.7s XEN=906807
HXRBS	05:50							FePeak=06:10	Rast=240"x240"	Step=10"	Cad= 590s 1.024s/pixel
FCS								Exp #=85361	Rast=10"x10"	Step=0"	Pitch=-739", Yaw=+367"
UVSP	06:03										
Event # = 10653		DOY=68		SMM Pointing:		N35E43		Pitch=-771", Yaw=+294", Roll=-20deg		H.Ang=58deg	
89/03/09	06:20	Start	Peak	End times	Peak...c/s=98	WaveLength=1375A	Qual=00		MaxkeV=144	Flags=ND	
GOES	06:20:52	06:20:57	06:21:17	06:16				Tot Cts=859	Rast=10"x10"	Step=0"	Pitch=-739", Yaw=+365"
HXRBS	06:20:52							Exp #=85363			
UVSP	06:16										
Event # = 10654		DOY=68		SMM Pointing:		N35E43		Pitch=-771", Yaw=+294", Roll=-20deg		H.Ang=58deg	
89/03/09	06:24	Start	Peak	End times	Peak...c/s=47	WaveLength=1375A	Qual=00		MaxkeV=102		
GOES	06:24:48	06:24:52	06:25:11	06:16				Tot Cts=122	Rast=10"x10"	Step=0"	Pitch=-739", Yaw=+365"
HXRBS	06:24:48							Exp #=85363			
UVSP	06:16										
Event # = 10655		DOY=68		SMM Pointing:		N35E42		Pitch=-768", Yaw=+283", Roll=-20deg		H.Ang=58deg	
89/03/09	06:27	Start	Peak	End times	Peak...c/s=45	WaveLength=1375A	Qual=00		MaxkeV=102		
GOES	06:27:26	06:27:47	06:27:58	06:16				Tot Cts=164	Rast=10"x10"	Step=0"	Pitch=-739", Yaw=+365"
HXRBS	06:27:26							Exp #=85363			
UVSP	06:16										
Event # = 10656		DOY=68		SMM Pointing:		N35E42		Pitch=-768", Yaw=+283", Roll=-20deg		H.Ang=58deg	
89/03/09	07:35	Start	Peak	End times	Peak...c/s=43	WaveLength=1375A	Qual=00		MaxkeV=102		
GOES	07:35:26	07:35:36	07:35:44	07:24				Tot Cts=79	Rast=30"x30"	Step=10"	Pitch=-732", Yaw=+360"
HXRBS	07:35:26							Exp #=85368			
UVSP	07:24										
Event # = 10657		DOY=68		SMM Pointing:		N35E42		Pitch=-768", Yaw=+283", Roll=-20deg		H.Ang=58deg	
89/03/09	07:53	Start	Peak	End times	Importance=C4	Peak...c/s=117	CaPeak.c/s=141		MaxkeV=144		
GOES	07:50	07:50:56	07:51:38	07:58				Tot Cts=5689	FePeak.c/s=27	#Peaks=3	dt= 3.8s XEN=906808
HXRBS	07:44:16							FePeak=07:52	Rast=180"x180"	Step=10"	Cad= 332s 1.024s/pixel
BSC	07:32							Exp #=85370	Rast=30"x30"	Step=10"	Pitch=-732", Yaw=+358"
FCS	07:45										
UVSP	07:45										
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				Wavelength=2788A			Exp #=85380														
UVSP	10:34																				
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				Wavelength=2788A			Exp #=85380														
UVSP	10:34																				
Event # = 10677		DOY=68		End times																	
89/03/09	13:45	Start	Peak																		
Optical	13:02	13:45	15:21	Ha...Class=1N	N35E21	N35E21	AR5395														
GOES	13:30:04	13:31:13	13:34:12	Importance=M2	Qual=03	Qual=03	Tot Cts=5735														
HXRBS				Peak...c/s=222			FePeak=13:37														
BGS	13:30	13:37	14:29	CaPeak.c/s=261	Qual=4	Qual=4	Exp #=85384														
FCS							Exp #=85384														
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	Qual=01	Tot Cts=632														
HXRBS				Wavelength=2788A			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	15:23	15:38	16:38	Ha...Class=4B	N35E37	N35E37	AR5395														
GOES	15:16:40	15:35:55	15:45:16	Importance=X4	Qual=03	Qual=03	Tot Cts=1.54E+7														
HXRBS				Peak...c/s=40100	Qual=01	Qual=01	FePeak=15:40														
BGS	15:04	15:41	16:02	CaPeak.c/s=7895	Qual=1	Qual=1	Exp #=85387														
FCS				Peak3...c/s=12			Exp #=85387														
UVSP	15:56			Wavelength=2788A			Exp #=85387														
Radio	Type/Intensity:			III/2	V/3		Exp #=85387														
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	Qual=01	Tot Cts=845														
				Associated Event # = 10682			Tot Cts=845														
				MaxkeV=102			MaxkeV=102														

Associated Event # = 22543

FePeak.c/s=29 #Peaks=1 dt= 7.7s XEN=906812
 Rast=0"x0" Step=0" Cad=3840s 3840s/pixel

CaPeak.c/s=227 Qual= 5
 BCS 16:02 16:02 16:03 16:03

Event # = 10679
 89/03/09,16:42 DOY=68 SMM Pointing: N35E37 H.Ang=54deg
 Start Peak End times
 Optical Ha...Class=SF Carr.Lon.=292deg H.Ang=18deg
 GOES Peak...c/s=46 Tot Cts=120
 HXRBS Wavelength=1375A Exp #=85389
 UVSP

Event # = 10680
 89/03/09,16:55 DOY=68 SMM Pointing: N35E37 H.Ang=54deg
 Start Peak End times
 Optical Ha...Class=SF Carr.Lon.=259deg H.Ang=52deg
 GOES Peak...c/s=72 Tot Cts=705
 HXRBS Wavelength=1375A Exp #=85391
 UVSP

Event # = 10683
 89/03/09,17:00 DOY=68 SMM Pointing: N35E37 H.Ang=54deg
 Start Peak End times
 Optical Ha...Class=SF Carr.Lon.=259deg H.Ang=52deg
 GOES Peak...c/s=45 dt= 7.7s XEN=906813
 HXRBS CaPeak.c/s=203 Cad= 590s 1.024s/pixel
 BCS Wavelength=1375A
 FCS
 UVSP

Event # = 10684
 89/03/09,17:18 DOY=68 SMM Pointing: N35E37 H.Ang=54deg
 Start Peak End times
 GOES Qual=00
 HXRBS Peak...c/s=262 Tot Cts=3580
 UVSP Wavelength=1375A Exp #=85393
 Radio Frequency(MHz)/Flux(sfu): 2695/59 4995/65

Event # = 10685
 89/03/09,18:16 DOY=68 SMM Pointing: N35E37 H.Ang=54deg
 Start Peak End times
 GOES Qual=00
 HXRBS Peak...c/s=43 Tot Cts=832
 UVSP Wavelength=1375A Exp #=85397
 Radio Frequency(MHz)/Flux(sfu): 245/1000 410/60 2695/3

Event # = 10686
 89/03/09,18:32 DOY=68 SMM Pointing: N35E36 H.Ang=54deg
 Start Peak End times
 GOES Qual=00
 HXRBS Peak...c/s=57 Tot Cts=1017
 BCS CaPeak.c/s=287 FePeak=18:31
 FCS Wavelength=1375A Exp #=85397
 UVSP

Pitch=-754", Yaw=+228", Roll=-20deg H.Ang=54deg
 MaxkeV=102
 Rast=265"x265" Pitch=-746", Yaw=+241"
 Mac.=EKC Carr.Lon.=259deg H.Ang=52deg
 MaxkeV=102
 Rast=30"x30" Pitch=10" Pitch=-704", Yaw=+269"
 Pitch=-754", Yaw=+228", Roll=-20deg H.Ang=54deg
 Mac.=EKC Carr.Lon.=259deg H.Ang=52deg
 MaxkeV=102
 Rast=30"x30" Pitch=10" Pitch=-704", Yaw=+269"
 Pitch=-754", Yaw=+228", Roll=-20deg H.Ang=54deg
 Mac.=EKC Carr.Lon.=259deg H.Ang=52deg
 MaxkeV=102
 Rast=30"x30" Pitch=10" Pitch=-699", Yaw=+262"
 Pitch=-754", Yaw=+228", Roll=-20deg H.Ang=54deg
 MaxkeV=102
 Rast=30"x30" Pitch=10" Pitch=-742", Yaw=+211"
 Pitch=-751", Yaw=+218", Roll=-20deg H.Ang=54deg
 MaxkeV=102
 FePeak.c/s=49 #Peaks=2 dt= 7.7s XEN=906814
 Rast=180"x180" Cad= 332s 1.024s/pixel
 Rast=30"x30" Pitch=10" 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	Peak					
GOES	18:46:56	18:47:29	18:48:23	19:00:49	19:01:11	19:00:49	19:01:11	19:00:49	19:01:11
HXRBS	18:37								
UVSP									
Radio									
Event # = 10688		SMM Pointing:		N35E36		Pitch=-751", Yaw=+218", Roll=-20deg		H.Ang=54deg	
89/03/09, 19:00	DOY=68	Start	End times	Peak					
GOES	19:00:43	19:00:49	19:01:11	19:00:49	19:01:11	19:00:49	19:01:11	19:00:49	19:01:11
HXRBS	19:00								
UVSP									
Radio									
Event # = 22544		SMM Pointing:		N35E36		Pitch=-751", Yaw=+218", Roll=-20deg		H.Ang=54deg	
89/03/09, 19:28	DOY=68	Start	End times	Peak					
Optical									
GOES	19:22	19:28	19:51	19:28	19:51	19:28	19:51	19:28	19:51
BCS	19:44	19:45	20:13	19:45	20:13	19:45	20:13	19:45	20:13
FCS									
UVSP	19:46								
Radio									
Event # = 10689		SMM Pointing:		N35E35		Pitch=-748", Yaw=+208", Roll=-20deg		H.Ang=53deg	
89/03/09, 20:26	DOY=68	Start	End times	Peak					
Optical									
GOES	20:20:15	20:20:19	20:20:30	20:20:15	20:20:30	20:20:15	20:20:30	20:20:15	20:20:30
HXRBS	20:21	20:26	20:31	20:21	20:31	20:21	20:31	20:21	20:31
BCS									
FCS									
UVSP	20:11								
Radio									
Event # = 10690		SMM Pointing:		N35E35		Pitch=-748", Yaw=+208", Roll=-20deg		H.Ang=53deg	
89/03/09, 21:20	DOY=68	Start	End times	Peak					
Optical									
GOES	21:20:34	21:20:52	21:22:31	21:20:34	21:22:31	21:20:34	21:22:31	21:20:34	21:22:31
HXRBS	21:20								
UVSP									
Radio									
Event # = 10692		SMM Pointing:		N35E35		Pitch=-748", Yaw=+208", Roll=-20deg		H.Ang=53deg	
89/03/09, 21:51	DOY=68	Start	End times	Peak					
GOES	21:51:10	21:51:43	21:53:51	21:51:10	21:53:51	21:51:10	21:53:51	21:51:10	21:53:51
HXRBS	21:45								
UVSP									

Event # = 10691	D0Y=68	SMM Pointing:		N35E35	Pitch=-748", Yaw=+208", Roll=-20deg		H. Ang=53deg
89/03/09, 21:54	Peak	End times					
GOES	21:36:44	21:37:14	Peak...c/s=160	Qual=00	MaxkeV=144	dt= 7.7s	XEN=906817
HXRBS	21:54	22:06	CaPeak.c/s=96	Qual=01	FePeak.c/s=17	#Peaks=2	Step=10"
BCS	21:18			Qual=1	Rast=180"x180"	Cad= 332s	1.024s/pixel
FCS					Rast=30"x30"	Pitch=-757", Yaw=+205"	
UVSP	21:45		Wavelength=1375A		Exp #=85413		
Event # = 10693	D0Y=68	SMM Pointing:		N35E34	Pitch=-746", Yaw=+198", Roll=-20deg		H. Ang=53deg
89/03/09, 21:58	Peak	End times					
GOES	21:58:18	21:58:35	Peak...c/s=48	Qual=00	MaxkeV=102	Step=10"	Pitch=-757", Yaw=+205"
HXRBS	21:45		Wavelength=1375A	Qual=01	Rast=30"x30"		
UVSP					Exp #=85413		
Event # = 10710	D0Y=68	SMM Pointing:		N35E34	Pitch=-746", Yaw=+198", Roll=-20deg		H. Ang=53deg
89/03/09, 22:57	Peak	End times					
Optical			Ha...Class=SF	N33E47	Mac.=CSO	Carr. Lon.=246deg	H. Ang=60deg
GOES	22:57:28	22:57:38	Peak...c/s=53	Qual=00	MaxkeV=102	Step=10"	Pitch=-720", Yaw=+214"
HXRBS	22:57		Wavelength=1375A	Qual=01	Rast=30"x30"		
UVSP					Exp #=85418		
Event # = 10694	D0Y=68	SMM Pointing:		N35E34	Pitch=-746", Yaw=+198", Roll=-20deg		H. Ang=53deg
89/03/09, 23:21	Peak	End times					
Optical			Ha...Class=IB	N31E32	Mac.=EKC	Carr. Lon.=261deg	H. Ang=49deg
GOES	23:10	23:31	Importance=M1	Qual=04	MaxkeV=274	Flags=M5	XEN=906818
HXRBS	23:07:12	23:13:04	Peak...c/s=1111	Qual=01	FePeak.c/s=188	#Peaks=2	dt= 7.7s
BCS	22:52	23:20	CaPeak.c/s=851	Qual=1	Rast=180"x180"	Cad= 332s	1.024s/pixel
FCS					Rast=30"x30"	Pitch=-720", Yaw=+211"	
UVSP	23:18		Wavelength=1375A	Code=00	Exp #=85420		
Radio	Frequency (MHz)/Flux(sfu):	410/62	606/38	2695/37	4995/57	8800/180	15400/340
HXRBS	23:04:00	23:04:18	23:04:42	Qual=01	MaxkeV=102	Step=10"	Pitch=-720", Yaw=+214"
UVSP	22:57				Rast=30"x30"		
Event # = 10712	D0Y=68	SMM Pointing:		N35E34	Pitch=-746", Yaw=+198", Roll=-20deg		H. Ang=53deg
89/03/09, 23:54	Peak	End times					
GOES	23:34	00:23	Importance=M2	Qual=02	MaxkeV=187	Step=10"	Pitch=-734", Yaw=+179"
HXRBS	23:33:04	23:33:44	23:42:58	Qual=01	Rast=30"x30"		
UVSP	23:39		Wavelength=1375A	Code=01	Exp #=85422		
Radio	Frequency (MHz)/Flux(sfu):	245/670	15400/85				
Event # = 10695	D0Y=69	SMM Pointing:		N35E33	Pitch=-743", Yaw=+188", Roll=-20deg		H. Ang=52deg
89/03/10, 00:37	Peak	End times					
GOES	00:37:36	00:37:58	00:38:24	Qual=01	MaxkeV=187	Step=10"	Pitch=-673", Yaw=+199"
HXRBS	00:29		Wavelength=1375A	Qual=01	Rast=30"x30"		
UVSP					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 H.Ang=52deg	
Optical	Peak	End times					
GOES 01:06	01:17	Ha...Class=SF		N27E32		Mac.=EKC Carr.Lon.=259deg H.Ang=46deg	
HXRBS 01:11:22	01:13:09	Importance=C6		Qual=03			
BCS 00:24	01:15	Peak...c/s=62		Qual=01			
FCS	01:19	CaPeak.c/s=314		Qual=3			
UVSP 01:13		Wavelength=1375A		Code=00		#Peaks=3 dt= 7.7s XEN=906900	
Radio		Frequency(MHz)/Flux(sfu):		245/2400 410/180		Step=10" Cad= 332s 1.024s/pixel	
HXRBS 01:01:29	01:01:52	Associated		Event # = 10696			
UVSP 00:52		Peak...c/s=67		Qual=01		MaxkeV=144	
		Wavelength=1375A		Exp #=85427		Rast=30"x30" Pitch=-687",Yaw=+197"	
HXRBS 01:07:40	01:08:11	Associated		Event # = 10697			
UVSP 00:52		Peak...c/s=49		Qual=01		MaxkeV=102	
		Wavelength=1375A		Exp #=85427		Rast=30"x30" Pitch=-687",Yaw=+197"	
Event # = 10700							
89/03/10,02:11	DOY=69	SMM Pointing:		N35E32		Pitch=-739",Yaw=+175",Roll=-20deg H.Ang=52deg	
GOES	Peak	End times					
HXRBS 02:01	02:11	Importance=C3		Qual=01			
UVSP 02:04	02:05	Peak...c/s=45		Qual=01			
Radio Sweeps	Type/Intensity:	III/3		Code=00		Tot Cts=677	
Radio Frequency(MHz)/Flux(sfu):		245/3900 8800/23 15400/14				Exp #=85432	
Event # = 10699							
89/03/10,02:25	DOY=69	SMM Pointing:		N35E32		Pitch=-739",Yaw=+175",Roll=-20deg H.Ang=52deg	
GOES	Peak	End times					
HXRBS 02:25:05	02:25:21	Peak...c/s=68		Qual=01			
UVSP 02:24	02:25	Wavelength=1375A		Qual=01		Tot Cts=245	
						Exp #=85434	
Event # = 10701							
89/03/10,02:41	DOY=69	SMM Pointing:		N35E32		Pitch=-739",Yaw=+175",Roll=-20deg H.Ang=52deg	
Optical	Peak	End times					
GOES 02:34	02:41	Ha...Class=SF		N34E31		Mac.=EKC Carr.Lon.=260deg H.Ang=51deg	
HXRBS 02:34:59	02:36:32	Importance=M1		Qual=03			
BCS 01:58	02:40	Peak...c/s=835		Qual=01		MaxkeV=231	
FCS	02:56	CaPeak.c/s=1231		Qual=1		FePeak.c/s=353 #Peaks=2 dt= 7.7s XEN=906901	
UVSP 02:24		Wavelength=1375A		Code=00		Step=10" Cad= 332s 1.024s/pixel	
Radio Sweeps	Type/Intensity:	V/3				Rast=30"x30" Pitch=-714",Yaw=+253"	
Radio Frequency(MHz)/Flux(sfu):		245/18000 410/37 4995/55 8800/130 15400/240					
Event # = 10702							
89/03/10,03:44	DOY=69	SMM Pointing:		N35E31		Pitch=-737",Yaw=+165",Roll=-20deg H.Ang=51deg	
GOES	Peak	End times					
HXRBS 03:43:55	03:44:29	Peak...c/s=50		Qual=00			
UVSP 03:36	03:36	Wavelength=1375A		Qual=01		Tot Cts=187	
Radio Sweeps	Type/Intensity:	III/3				Exp #=85439	
Radio Frequency(MHz)/Flux(sfu):		245/950 410/170 606/100				Step=0" 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	03:58	04:04	Importance=C8	AR5395		
HXRBS	03:52:51	03:53:14	Peak...c/s=158		MaxkeV=144	XEN=906902
BCS	03:32	04:29	CaPeak.c/s=387		dt= 7.7s	Step=10" Cad= 332s
FCS					Rast=180" x180"	1.024s/pixel
UVSP	03:50		Wavelength=1375A	Code=00	Step=0"	Pitch=-682", Yaw=+175"
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	04:02:03	Peak...c/s=97	Qual=00	MaxkeV=187	
HXRBS	03:50		Wavelength=1375A	Qual=01	Rast=10" x10"	Pitch=-682", Yaw=+175"
UVSP					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	04:06:20	Peak...c/s=110	Qual=00	MaxkeV=187	
HXRBS	04:03		Wavelength=1375A	Qual=01	Rast=10" x10"	Pitch=-692", Yaw=+223"
UVSP					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	04:07:51	Peak...c/s=73	Qual=00	MaxkeV=144	
HXRBS	04:03		Wavelength=1375A	Qual=01	Rast=10" x10"	Pitch=-692", Yaw=+223"
UVSP					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	04:11:07	Peak...c/s=43	Qual=00	MaxkeV=102	
HXRBS	04:03		Wavelength=1375A	Qual=01	Rast=10" x10"	Pitch=-692", Yaw=+223"
UVSP					Step=0"	
Event # = 22545 89/03/10, 05:08 Start	DOY=69 Peak	End times	SMM Pointing:	N35E30	Pitch=-734", Yaw=+155", Roll=-20deg	H. Ang=51deg
GOES	05:07	05:14	CaPeak.c/s=34	Qual=00	FePeak.c/s=9	dt= 7.7s XEN=906903
BCS	05:08	05:08	Wavelength=1375A	Qual= 4	Rast=420" x240"	Cad= 459s 1.024s/pixel
FCS					Pitch=-727", Yaw=+169"	
UVSP	05:06				Step=5"	
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	Peak...c/s=43	Qual=01	MaxkeV=102	
HXRBS	05:21	06:03	CaPeak.c/s=137	Qual= 1	FePeak.c/s=18	dt= 7.7s XEN=906904
BCS	05:37	05:37:23	Wavelength=1375A	Associated	Rast=420" x240"	Cad= 459s 1.024s/pixel
FCS					Pitch=-709", Yaw=+234"	
UVSP	05:37				Step=0"	
HXRBS	05:37:00	05:37:51	Peak...c/s=50	Qual=01	MaxkeV=102	

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	06:46:01	Ha...Class=SF	Qual=06	AR5395	AR5395	Mac.=EKC	Carr. Lon.=255deg	H. Ang=49deg	
GOES				Peak...c/s=45	Qual=01	Tot Cts=336		MaxkeV=102	Step=0"	Pitch=-702", Yaw=+207"	
HXRBS				Wave length=1375A		Exp #=85457		Rast=10"x10"			
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	06:54:25	Peak...c/s=86	Qual=06	Tot Cts=700		MaxkeV=144	Step=0"	Pitch=-702", Yaw=+207"	
GOES				Wave length=1375A	Qual=01	Exp #=85457		Rast=10"x10"			
HXRBS				15400/42							
UVSP											
Radio				Frequency(MHz)/Flux(sfu):							
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	06:56:48	Peak...c/s=43	Qual=06	Tot Cts=101		MaxkeV=102	Step=0"	Pitch=-702", Yaw=+207"	
GOES				Wave length=1375A	Qual=01	Exp #=85457		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	07:03:48	Ha...Class=SF	Qual=06	AR5395	AR5395	Mac.=EKC	Carr. Lon.=261deg	H. Ang=45deg	
GOES				Importance=C5	Qual=01	Tot Cts=2046		MaxkeV=144			
HXRBS				Peak...c/s=171	Qual=01	FePeak=07:21		FePeak.c/s=36	#Peaks=3	dt= 7.7s	XEN=906905
BCS				CaPeak.c/s=183	Qual= 1	Exp #=85459		Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel
FCS						Event # = 10720		Rast=10"x10"	Step=0"	Pitch=-752", Yaw=+156"	
UVSP				Wave length=1375A	Code=00	Tot Cts=317		MaxkeV=144			
HXRBS				Associated	Qual=01	Event # = 10722		MaxkeV=144			
UVSP				Associated	Qual=01	Tot Cts=276		MaxkeV=144			
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	07:19:15	Peak...c/s=41	Qual=06	Tot Cts=180		MaxkeV=102	Step=0"	Pitch=-691", Yaw=+125"	
GOES				Wave length=1375A	Qual=01	Exp #=85461		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	07:34:07	Ha...Class=SF	Qual=06	AR5395	AR5395	Mac.=EKC	Carr. Lon.=262deg	H. Ang=45deg	
GOES				Peak...c/s=159	Qual=01	Tot Cts=1028		MaxkeV=231	Step=0"	Pitch=-651", Yaw=+143"	
HXRBS				Wave length=1375A	Qual=01	Exp #=85463		Rast=10"x10"			
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" Roll=-20deg
 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 08:17:00 08:18:23 08:20:36
 UVSP 08:17:00 08:18:23 08:20:36
 Radio Frequency(MHz)/Flux(sfu):
 Peak...c/s=46
 Wavelength=1375A
 245/200 410/64
 Tot Cts=120
 Exp #=85466
 MaxkeV=102
 Rast=30"x30" Pitch=10" Roll=-20deg
 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 08:38:00 08:38:00 08:38:00
 UVSP 08:38:00 08:38:00 08:38:00
 Associated
 Event # = 10726
 Total Cts=144
 Exp #=85468
 MaxkeV=102
 Rast=30"x30" Pitch=10" Roll=-20deg
 Step=10" Pitch=-653", Yaw=+211"
 Total Cts=1925
 Exp #=85466
 MaxkeV=102
 Rast=30"x30" Pitch=10" Roll=-20deg
 Step=10" Pitch=-679", Yaw=+208"

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 08:38:00 08:38:00 08:38:00
 UVSP 08:38:00 08:38:00 08:38:00
 Peak...c/s=64
 Wavelength=1375A
 Tot Cts=347
 Exp #=85468
 MaxkeV=102
 Rast=30"x30" Pitch=10" Roll=-20deg
 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 09:54:00 09:54:00 09:54:00
 UVSP 09:54:00 09:54:00 09:54:00
 Peak...c/s=112
 Wavelength=2788A
 Tot Cts=3048
 Exp #=85471
 MaxkeV=102
 Rast=243"x243" Pitch=3" Roll=-20deg
 Step=3" Pitch=-718", Yaw=+140"
 Flags=I,EG,ND

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 09:54:00 09:54:00 09:54:00
 UVSP 09:54:00 09:54:00 09:54:00
 Peak...c/s=68
 Wavelength=2788A
 Tot Cts=705
 Exp #=85471
 MaxkeV=102
 Rast=243"x243" Pitch=3" Roll=-20deg
 Step=3" Pitch=-718", Yaw=+140"
 Flags=I,ND

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 09:54:00 09:54:00 09:54:00
 UVSP 09:54:00 09:54:00 09:54:00
 Peak...c/s=50
 Wavelength=2788A
 Tot Cts=1769
 Exp #=85471
 MaxkeV=102
 Rast=243"x243" Pitch=3" Roll=-20deg
 Step=3" Pitch=-718", Yaw=+140"
 Flags=I

Event # = 20510		DOY=69		End times		Qual=00			
89/03/10,10:40	Start	10:40	Peak	10:43	End times	10:40	Peak	10:43	End times
GOES		09:58		11:09		CaPeak.c/s=433		FePeak=10:40	
BCS		11:09				WaveLength=2788A		Exp #=85473	
UVSP									
Event # = 10714		DOY=69		End times		N38E13			
89/03/10,11:36	Start	11:36	Peak	12:13	End times	11:36	Peak	12:13	End times
GOES		11:16:58		11:28:05		Ha...Class=2B		AR5395	
HXRBS		11:18		11:32		Importance=M5		Tot Cts=1.40E+5	
BCS						Peak...c/s=594		FePeak=11:31	
FCS						CaPeak.c/s=2115		Exp #=85473	
UVSP									
Radio						WaveLength=2788A			
						8800/120 15400/220			
BCS						Associated			
FCS						CaPeak.c/s=102		Event # = 20509	
UVSP								FePeak=12:07	
HXRBS						WaveLength=2788A			
						Associated			
						Peak...c/s=659		Exp #=85474	
								Event # = 11151	
								Tot Cts=18350	
								MaxkeV=187	
								Flags=I,DG,ND	
Event # = 10715		DOY=69		End times		N38E13			
89/03/10,11:55	Start	11:55:14	Peak	12:06:38	End times	11:55:14	Peak	12:06:38	End times
GOES		12:09				Peak...c/s=46		MaxkeV=102	
HXRBS						WaveLength=2788A		Rast=180"x1"	
UVSP								Step=0	
								Flags=I	
								Step=0	
								Pitch=-568"	
								Yaw=-139"	
Event # = 10716		DOY=69		End times		N38E13			
89/03/10,12:03	Start	12:03:07	Peak	13:49	End times	12:03:07	Peak	13:49	End times
GOES		12:09				Peak...c/s=63		MaxkeV=187	
HXRBS						WaveLength=2788A		Rast=180"x1"	
UVSP								Step=0	
								Flags=I	
								Step=0	
								Pitch=-568"	
								Yaw=-139"	
Event # = 10730		DOY=69		End times		N38E13			
89/03/10,13:14	Start	13:14	Peak	13:49	End times	13:14	Peak	13:49	End times
GOES		13:03		13:13		Ha...Class=SF		AR5395	
HXRBS		13:02:08		13:07:00		Importance=C6		Tot Cts=4010	
BCS		13:01		13:13		Peak...c/s=57		FePeak=13:10	
FCS						CaPeak.c/s=243		Exp #=85476	
UVSP								Event # = 10729	
						WaveLength=2788A		Tot Cts=304	
HXRBS						Associated		Exp #=85475	
UVSP						Peak...c/s=58		Pitch=-567"	
						WaveLength=2788A		Yaw=-143"	

Event # = 10731 89/03/10, 13:47 Start Peak	D0Y=69 13:47:25 13:41	End times 13:48:48	SMM Pointing: Ha...Class=SF Peak...c/s=94 Wavelength=2788A	N38E13 N31E25 Qual=00 Qual=01	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
Event # = 10732 89/03/10, 14:50 Start Peak	D0Y=69 14:34:42 14:25 15:16	End times 14:37:19 15:23	SMM Pointing: Ha...Class=SF Peak...c/s=45 CaPeak.c/s=131 Wavelength=2788A	N38E13 N31E25 Qual=00 Qual=01 Qual=1	AR5395 Tot Cts=504 FePeak=14:48 Exp #=85478	Pitch=-700", Yaw=-77", Roll=-20deg Carr. Lon.=259deg MaxkeV=102 FePeak.c/s=20 #Peaks=1 dt= 7.7s XEN=906910 Rast=240"x240" Cad= 590s 1.024s/pixel Step=0" Pitch=-562", Yaw=-159"	H. Ang=47deg H. Ang=45deg
Event # = 10733 89/03/10, 15:01 Start Peak	D0Y=69 15:00:38 15:16	End times 15:02:00	SMM Pointing: Ha...Class=SF Peak...c/s=45 Wavelength=2788A	N38E12 N34E28 Qual=01 Qual=01	AR5395 Tot Cts=331 Exp #=85478	Pitch=-697", Yaw=-87", Roll=-20deg Carr. Lon.=256deg MaxkeV=102 Rast=180"x1" Step=0" Pitch=-562", Yaw=-159"	H. Ang=47deg H. Ang=49deg
Event # = 10734 89/03/10, 15:17 Start Peak	D0Y=69 15:17:17 15:16	End times 15:18:35	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
Event # = 10735 89/03/10, 15:32 Start Peak	D0Y=69 15:23 15:21:10 15:16	End times 15:43 15:21:25	SMM Pointing: Ha...Class=SF Importance=M1 Peak...c/s=83 Wavelength=2788A Radio Frequency(MHz)/Flux(sfu): 1415/560 2695/70	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 MaxkeV=102 Rast=180"x1" Step=0" Pitch=-562", Yaw=-159"	H. Ang=47deg H. Ang=47deg
Event # = 10736 89/03/10, 16:00 Start Peak	D0Y=69 15:57:32 15:59 16:04 15:48	End times 16:00:37 16:04	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"	H. Ang=47deg

Event # = 22548		D0Y=69		End times			
89/03/10,16:09	Start	16:08	16:09	16:13	16:09	Qual=01	FePeak=16:09
GOES						Qual=1	
BGS							
FCS							
UVSP							
FePeak.c/s=11		#Peaks=1		dt= 7.7s		XEN=906912	
Rast=240"x240"		Step=10"		Cad= 590s		1.024s/pixel	
Rast=180"x1"		Step=0"		Pitch=-560"		Yaw=-163"	
Wavelength=2788A		Exp #=85479					
SMM Pointing:		N38E11		Pitch=-693"		Yaw=-97"	
Importance=C5		Qual=02		Roll=-20deg		H.Ang=46deg	
Peak...c/s=331		Qual=01		MaxkeV=187			
CaPeak.c/s=87		Qual=1		FePeak.c/s=17		#Peaks=2	
Wavelength=2788A		Code=01		Rast=240"x240"		dt= 7.7s	
245/1000 410/150		Exp #=85480		Rast=180"x1"		Cad= 590s	
XEN=906913				Pitch=-558"		Yaw=-169"	
Event # = 10737							
89/03/10,16:59		D0Y=69		End times			
89/03/10,16:59	Start	16:45	16:59	17:05	16:59	Qual=02	Tot Cts=14897
GOES						Qual=01	FePeak=16:50
HXRBS							
BGS							
FCS							
UVSP							
Radio							
Frequency (MHz)/Flux(sfu):		245/1000 410/150					
SMM Pointing:		N35E24		Pitch=-710"		Yaw=+83"	
Ha...Class=SN		N32E24		Roll=-20deg		H.Ang=48deg	
Importance=M1		Qual=01		Mac.=EKC		Carr.Lon.=258deg	
Peak...c/s=554		Qual=01		MaxkeV=144		Flags=M5	
CaPeak.c/s=800		Qual=1		FePeak.c/s=299		#Peaks=2	
Wavelength=1375A		Code=02		Rast=420"x240"		dt= 3.8s	
606/88 8800/140 15400/83		Exp #=85482		Rast=265"x265"		Cad= 459s	
XEN=906914				Pitch=-704"		Yaw=+92"	
Event # = 10739							
89/03/10,17:37		D0Y=69		End times			
89/03/10,17:37	Start	17:30	17:37	17:42	17:37	Qual=01	Tot Cts=26714
GOES						Qual=01	FePeak=17:36
HXRBS							
BGS							
FCS							
UVSP							
Radio							
Frequency (MHz)/Flux(sfu):		606/88 8800/140 15400/83					
SMM Pointing:		N35E24		Pitch=-710"		Yaw=+83"	
Ha...Class=SN		N32E24		Roll=-20deg		H.Ang=48deg	
Importance=M1		Qual=01		Mac.=EKC		Carr.Lon.=258deg	
Peak...c/s=554		Qual=01		MaxkeV=102		Flags=M5	
CaPeak.c/s=800		Qual=1		Rast=180"x1"		#Peaks=2	
Wavelength=1375A		Code=02		Rast=420"x240"		dt= 3.8s	
606/88 8800/140 15400/83		Exp #=85481		Rast=265"x265"		Cad= 459s	
XEN=906915				Pitch=-704"		Yaw=+92"	
Event # = 10740							
89/03/10,17:57		D0Y=69		End times			
89/03/10,17:57	Start	17:52:16	17:52:24	17:53:17	17:57	Qual=00	Tot Cts=360
GOES						Qual=01	FePeak=17:57
HXRBS							
BGS							
FCS							
UVSP							
Radio							
Frequency (MHz)/Flux(sfu):		245/550					
SMM Pointing:		N35E24		Pitch=-721"		Yaw=+114"	
Ha...Class=3B		N31E22		Roll=-20deg		H.Ang=49deg	
Importance=X5		S15E41		Mac.=EKC		Carr.Lon.=241deg	
Peak...c/s=74850		Qual=03		MaxkeV=857		Flags=M5, SN, EN, IN, IS	
CaPeak.c/s=7864		Qual=14		>10MeV=Y		#Peaks=1	
Wavelength=1375A		Code=00		Rast=180"x180"		dt= 7.7s	
606/1300 1415/3600 2695/16000 4995/16000		Exp #=85491		Rast=30"x30"		Cad= 332s	
XEN=906916				Pitch=-717"		Yaw=+94"	
Event # = 10741							
89/03/10,19:22		D0Y=69		End times			
89/03/10,19:22	Start	19:22	19:22	01:37	19:22	Qual=2	FePeak=19:16
GOES						Qual=00	Tot Cts=6.43E+7
HXRBS						Qual=01	FePeak=19:16
BGS							
FCS							
UVSP							
Radio							
Frequency (MHz)/Flux(sfu):		606/1300 1415/3600 2695/16000 4995/16000					

Time	Station	CaPeak.c/s	Wavelength	Event #	Associated	Event #	CaPeak.c/s	Wavelength	Exp	FePeak.c/s	dt	XEN
22:11	BCS	22:12	23:00	20511	Qual=4	22:25	22:12	23:00	85501	180"x180"	7.7s	906918
22:13	FCS								14596	265"x265"	332s	1.024s/pixel
22:18	UVSP								10742	30"x30"	636"	95"
22:16:07	HXRBS	22:20:02	22:26:31	10742	Qual=01	14596	22:20:02	22:26:31	85503	30"x30"	636"	95"
22:18	UVSP								10743	30"x30"	640"	92"
22:48:52	HXRBS	22:48:58	22:49:34	240	Qual=01	240	22:48:58	22:49:34	85505	30"x30"	640"	92"
22:39	UVSP								10744	30"x30"	633"	85"
00:09:44	HXRBS	00:09:55	00:12:38	1377	Qual=01	1377	00:09:44	00:09:55	85510	30"x30"	633"	85"
23:50	UVSP								22549	30"x30"	633"	85"
20:38	BCS	20:39	21:24	20:39	Qual=5	20:39	20:39	21:24	85494	265"x265"	711"	117"
20:39	FCS											
20:39	UVSP											

89/03/11 DOY=70

Event #	Start	End times	SMM Pointing:	Pitch	Roll	H. Ang
10745	89/03/11, 00:12	DOY=70	N35E24	-713"	+83"	-20deg
GOES	00:15:17	00:16:01	Qual=05	144	2	7.7s
HXRBS	00:15:37	00:16:01	Qual=01	180"x180"	10"	332s
BCS	23:44	00:12	Qual=1	30"x30"	10"	633"
FCS						
UVSP	00:11	Frequency(MHz)/Flux(sfu):				
Radio		245/4200				48deg

Event #	Start	End times	SMM Pointing:	Pitch	Roll	H. Ang
10746	89/03/11, 00:16	DOY=70	N35E24	-713"	+83"	-20deg
GOES	00:16:28	00:17:00	Qual=00	102	10"	633"
HXRBS	00:16:47	00:17:00	Qual=01	30"x30"	10"	633"
UVSP	00:11	Type/Intensity:				
Radio		III/3				48deg

Event #	Start	End times	SMM Pointing:	Pitch	Roll	H. Ang
10747	89/03/11, 00:17	DOY=70	N35E24	-713"	+83"	-20deg
GOES	00:17:35	00:17:51	Qual=00	102	10"	633"
HXRBS	00:17:41	00:17:51	Qual=01	30"x30"	10"	633"
UVSP	00:11	Type/Intensity:				
Radio		III/3				48deg

Event #	Start	End times	SMM Pointing:	Pitch	Roll	H. Ang
10748	89/03/11, 00:23	DOY=70	N35E24	-713"	+83"	-20deg
GOES	00:23:28	00:23:46	Qual=00	102	10"	633"
HXRBS	00:23:37	00:23:46	Qual=01	30"x30"	10"	633"
UVSP	00:11	Type/Intensity:				
Radio		III/3				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		End times		Ha...Class=SF		Mac.=EKC		Carr.Lon.=255deg	
GOES		00:30:50		00:33:48		00:36:55		Qual=02		AR5395		H.Ang=44deg	
HXRBS		00:34		Peak...c/s=129		WaveLength=1375A		Qual=03		MaxkeV=187		Flags=ES	
UVSP		01:24		410/250		606/170		1415/78		2695/51		4995/73	
Radio		Frequency(MHz)/Flux(sfu):								Step=10"		Pitch=-652",Yaw=+90"	
Event # = 10750		89/03/11,01:27		DOY=70		SMM Pointing:		N35E23		Pitch=-710",Yaw=+73",Roll=-20deg		H.Ang=48deg	
GOES		Start		Peak		End times		Qual=00		MaxkeV=102			
HXRBS		01:27:31		01:27:36		01:27:46		Qual=01		Rast=30"x30"		Step=10"	
UVSP		01:24		Peak...c/s=86		WaveLength=1375A		Tot Cts=217		Exp #=85517		Pitch=-645",Yaw=+100"	
Event # = 10751		89/03/11,01:46		DOY=70		SMM Pointing:		N35E23		Pitch=-710",Yaw=+73",Roll=-20deg		H.Ang=48deg	
GOES		Start		Peak		End times		Qual=00		MaxkeV=102			
HXRBS		01:45:50		01:46:13		01:47:09		Qual=01		Rast=30"x30"		Step=10"	
UVSP		01:46		Peak...c/s=55		WaveLength=1375A		Tot Cts=455		Exp #=85519		Pitch=-655",Yaw=+108"	
Event # = 10752		89/03/11,01:51		DOY=70		SMM Pointing:		N35E23		Pitch=-710",Yaw=+73",Roll=-20deg		H.Ang=48deg	
GOES		Start		Peak		End times		Qual=00		MaxkeV=144			
HXRBS		01:51:24		01:51:28		01:51:33		Qual=01		Rast=30"x30"		Step=10"	
UVSP		01:46		Peak...c/s=78		WaveLength=1375A		Tot Cts=121		Exp #=85519		Pitch=-655",Yaw=+108"	
Event # = 10753		89/03/11,01:56		DOY=70		SMM Pointing:		N35E23		Pitch=-710",Yaw=+73",Roll=-20deg		H.Ang=48deg	
Optical		Start		Peak		End times		Ha...Class=SF		Mac.=EKC		Carr.Lon.=261deg	
GOES		01:53		01:56		02:02		N28E17		AR5395		H.Ang=39deg	
HXRBS		01:52:18		01:54:36		01:55:51		Qual=00		MaxkeV=187		#Peaks=3	
BCS		01:18		01:56		02:16		Qual=01		FePeak.c/s=119		dt= 7.7s	
FCS				CaPeak.c/s=478				Qual= 1		Rast=180"x180"		Cad= 332s	
UVSP		01:46		WaveLength=1375A		Code=00		Exp #=85519		Step=10"		XEN=907026	
Radio		Frequency(MHz)/Flux(sfu):		245/1400		410/260				Step=10"		Pitch=-655",Yaw=+108"	
Event # = 10754		89/03/11,02:04		DOY=70		SMM Pointing:		N35E23		Pitch=-710",Yaw=+73",Roll=-20deg		H.Ang=48deg	
GOES		Start		Peak		End times		Qual=01		MaxkeV=102			
HXRBS		02:01:52		02:04:00		02:05:18		Qual=01		Rast=30"x30"		Step=10"	
UVSP		01:46		Peak...c/s=160		WaveLength=1375A		Tot Cts=5319		Exp #=85519		Pitch=-655",Yaw=+108"	
Radio Sweeps				Type/Intensity:		III/2							
Event # = 10755		89/03/11,03:04		DOY=70		SMM Pointing:		N35E23		Pitch=-710",Yaw=+73",Roll=-20deg		H.Ang=48deg	
GOES		Start		Peak		End times		Qual=00		MaxkeV=187			
HXRBS		03:03:07		03:04:02		03:06:13		Qual=01		Rast=10"x10"		Step=0"	
UVSP		02:57		Peak...c/s=66		WaveLength=1375A		Tot Cts=1850		Exp #=85524		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 Exp #=85530
 Radio Sweeps Type/Intensity: I11/3
 BCS 03:49 03:49 03:49 CaPeak.c/s=19 Qual=5
 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

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

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 Carr. Lon.=256deg H. Ang=42deg
 G0ES 05:03:39 05:04:40 05:04:49 Peak...c/s=114 Qual=01
 HXRBS 05:04:49 05:04:49 05:04:49 Wavelength=1375A
 UVSP 04:58 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 Carr. Lon.=256deg H. Ang=42deg
 G0ES 05:07:11 05:07:34 05:07:41 Peak...c/s=43 Qual=01
 HXRBS 05:07:11 05:07:34 05:07:41 Wavelength=1375A
 UVSP 04:58 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	dt= 3.8s	XEN=907006
HXRBS	09:03:57 09:04:12 09:06:16	Importance=X1	Qual=01	dt= 3.8s	XEN=907006
BCS	09:05 09:05 09:10	Peak...c/s=480	Qual=02	Cad= 590s	1.024s/pixel
FCS		CaPeak.c/s=2478	Qual= 5	Step=10"	
UVSP	08:56	Wavelength=2788A		Step=0"	Pitch=-560", Yaw=-45"
Radio	Frequency (MHz)/Flux(sfu):	410/660 606/280 1415/220 2695/220 4995/500 8800/1700 15400/2800			
HXRBS	09:08:51 09:09:14 09:09:56	Peak...c/s=100	Qual=01	Step=3"	Pitch=-687", Yaw=+37"
UVSP	09:15	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	Step=3"	Pitch=-687", Yaw=+36"
UVSP	09:15	Wavelength=2788A			
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	Step=3"	Pitch=-687", Yaw=+36"
UVSP	09:15	Wavelength=2788A			

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
BGS						Qual= 1	Rast=115"x115"	Step=3"	Pitch=-687", Yaw=+36"
FCS							Rast=243"x243"		
UVSP	09:15				Wavelength=2788A				
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							Mac.=EKC	Carr.Lon.=256deg	H. Ang=43deg
GOES	10:40:51	10:41:04	10:41:39	10:39	Ha...Class=SF	N33E17	MaxkeV=102	#Peaks=1	dt= 3.8s
HXRBS	10:38	10:39	10:43		Peak...c/s=62	Qual=00	FePeak.c/s=10	Step=15"	Cad= 459s
BGS					CaPeak.c/s=35	Qual=01	Rast=420"x240"	Step=0"	Pitch=-557", Yaw=-55"
FCS						Qual= 4	Rast=180"x1"		
UVSP	10:28				Wavelength=2788A				
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	10:28				Wavelength=2788A	Qual=01	Rast=180"x1"		
UVSP									
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	10:28				Wavelength=2788A	Qual=01	Rast=180"x1"		
UVSP									
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
BGS						Qual= 1	Rast=240"x240"	Step=0"	Pitch=-557", Yaw=-55"
FCS							Rast=180"x1"		
UVSP	10:28				Wavelength=2788A				
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
BGS						Qual= 1	Rast=240"x240"	Step=0"	Pitch=-535", Yaw=-236"
FCS							Rast=180"x1"		
UVSP	11:29				Wavelength=2788A				
Radio	Frequency(MHz)/Flux(sfu):	245/490	410/310						

Event # = 10780	DOY=70	SMM Pointing:		N38E05	Pitch=-668", Yaw=-172", Roll=-20deg		H. Ang=45deg
89/03/11, 12:31	Peak	End times	Ha...Class=SN	N32E14	Mac.=EKC	Carr. Lon.=258deg	H. Ang=41deg
Optical			Importance=M1	Qual=01			
GOES 12:23	12:31	12:39	Peak...c/s=138	Qual=01	MaxkeV=102	#Peaks=3 dt= 7.7s	XEN=907011
HXRBS 12:20:28	12:25:59	12:33:56	CaPeak.c/s=584	Qual= 1	FePeak.c/s=137	Step=10" Cad= 590s	1.024s/pixel
BGS 12:12	12:30	12:57	WaveLength=2788A		Rast=240"x240"	Step=0" Pitch=-534", Yaw=-240"	
FCS			8800/75 15400/65		Rast=180"x1"		
UVSP					Exp #=85561		
Radio							
Frequency (MHz)/Flux(sfu):							
Event # = 10781	DOY=70	SMM Pointing:		N38E05	Pitch=-668", Yaw=-172", Roll=-20deg		H. Ang=45deg
89/03/11, 12:57	Peak	End times	Ha...Class=SF	S18E23	Mac.=CAO	Carr. Lon.=249deg	H. Ang=25deg
Optical			Peak...c/s=221	Qual=05			
GOES 12:51:41	12:51:50	12:52:06	CaPeak.c/s=28	Qual= 5	MaxkeV=144	#Peaks=1 dt= 7.7s	XEN=907012
HXRBS 12:57	12:57	13:03	WaveLength=2788A		FePeak.c/s=5	Step=10" Cad= 590s	1.024s/pixel
BGS					Rast=240"x240"	Step=0" Pitch=-531", Yaw=-246"	
FCS					Rast=180"x1"		
UVSP					Exp #=85562		
Frequency (MHz)/Flux(sfu):							
Event # = 10782	DOY=70	SMM Pointing:		N38E05	Pitch=-668", Yaw=-172", Roll=-20deg		H. Ang=45deg
89/03/11, 13:46	Peak	End times	Ha...Class=SF	Qual=00			
Optical			Peak...c/s=51	Qual=01	MaxkeV=102	Step=0" Pitch=-530", Yaw=-250"	
GOES 13:45:58	13:46:15	13:46:28	WaveLength=2788A		Rast=180"x1"		
HXRBS					Tot Cts=222		
UVSP					Exp #=85563		
Frequency (MHz)/Flux(sfu):							
Event # = 22551	DOY=70	SMM Pointing:		N28E13	Carr. Lon.=258deg		H. Ang=37deg
89/03/11, 13:48	Peak	End times	Ha...Class=SF	Qual= 4	Mac.=EKC		
Optical			CaPeak.c/s=29	Qual= 4	FePeak.c/s=9	#Peaks=1 dt= 7.7s	XEN=907013
GOES 13:46	13:48	13:53	WaveLength=2788A		Rast=420"x240"	Step=15" Cad= 459s	1.024s/pixel
BGS					Rast=180"x1"	Step=0" Pitch=-530", Yaw=-250"	
FCS					Exp #=85563		
UVSP							
Frequency (MHz)/Flux(sfu):							
Event # = 10783	DOY=70	SMM Pointing:		N38E04	Pitch=-664", Yaw=-182", Roll=-20deg		H. Ang=45deg
89/03/11, 14:08	Peak	End times	Ha...Class=SF	N30E11	Mac.=EKC	Carr. Lon.=260deg	H. Ang=39deg
Optical			Importance=M1	Qual=01			
GOES 14:01	14:08	14:15	Peak...c/s=374	Qual=01	MaxkeV=144	#Peaks=1 dt= 3.8s	XEN=907014
HXRBS 14:01:30	14:05:09	14:10:33	CaPeak.c/s=565	Qual= 1	FePeak.c/s=169	Step=10" Cad= 590s	1.024s/pixel
BGS 14:02	14:07	14:17	WaveLength=2788A		Rast=240"x240"	Step=0" Pitch=-528", Yaw=-256"	
FCS					Rast=180"x1"		
UVSP					Exp #=85564		
Radio							
Type/Intensity:							
Radio Sweeps							
Frequency (MHz)/Flux(sfu):							
HXRBS 14:14:34	14:14:52	14:14:56	Peak...c/s=38	Qual=01	MaxkeV=102	#Peaks=1 dt= 7.7s	XEN=907015
BGS 14:18	14:18	14:20	CaPeak.c/s=20	Qual= 5	FePeak.c/s=6	Step=10" Cad= 590s	1.024s/pixel
FCS							

Event # = 22553																			
89/03/11, 14:24	DOY=70																		
Start	Peak																		
GOES	14:24	14:24	14:26	14:26	14:24	14:24	14:24	14:24	14:24	14:24	14:24	14:24	14:24	14:24	14:24	14:24	14:24	14:24	14:24
BCS																			
FCS																			
UVSP	14:36																		
FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=907016																
Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel																
Rast=180"x1"	Step=0"	Pitch=-528"	Yaw=-256"																
Event # = 10785																			
89/03/11, 15:24	DOY=70																		
Start	Peak																		
Optical																			
GOES	15:21	15:24	15:26	15:26	15:24	15:24	15:24	15:24	15:24	15:24	15:24	15:24	15:24	15:24	15:24	15:24	15:24	15:24	15:24
HXRBS	15:22:11	15:23:09	15:23:22	15:23	15:23	15:23	15:23	15:23	15:23	15:23	15:23	15:23	15:23	15:23	15:23	15:23	15:23	15:23	15:23
BCS																			
FCS																			
UVSP	15:09																		
Wavelength=2788A	Code=00	Exp #=85565																	
Associated	Event # = 10786	Tot Cts=405																	
Peak...c/s=848	Qual=01																		
Frequency(MHz)/Flux(sfu):	15400/69																		
Event # = 10787																			
89/03/11, 15:40	DOY=70																		
Start	Peak																		
Optical																			
GOES	15:33	15:40	15:51	15:51	15:40	15:40	15:40	15:40	15:40	15:40	15:40	15:40	15:40	15:40	15:40	15:40	15:40	15:40	15:40
HXRBS	15:34:12	15:37:04	15:49:56	15:49	15:39	15:39	15:39	15:39	15:39	15:39	15:39	15:39	15:39	15:39	15:39	15:39	15:39	15:39	15:39
BCS																			
FCS																			
UVSP	16:08																		
Wavelength=2788A	Code=00	Exp #=85566																	
Associated	Event # = 10788	Tot Cts=1061																	
Peak...c/s=139	Qual=01																		
Associated	Event # = 10789	Tot Cts=1853																	
Peak...c/s=354	Qual=01																		
Associated	Event # = 22554	Tot Cts=15:50																	
CaPeak.c/s=232	Qual=5	FePeak=15:50																	
Event # = 22555																			
89/03/11, 16:07	DOY=70																		
Start	Peak																		
GOES	16:04	16:07	16:10	16:10	16:04	16:04	16:04	16:04	16:04	16:04	16:04	16:04	16:04	16:04	16:04	16:04	16:04	16:04	16:04
BCS	16:05	16:06	16:12	16:12	16:05	16:05	16:05	16:05	16:05	16:05	16:05	16:05	16:05	16:05	16:05	16:05	16:05	16:05	16:05
FCS																			
UVSP	16:08																		
Importance=C3	Code=02	Exp #=85566																	
CaPeak.c/s=49	Qual=1																		
Wavelength=2788A	Code=02	Exp #=85566																	
Event # = 10790																			
89/03/11, 16:13	DOY=70																		
Start	Peak																		
GOES	16:12:51	16:13:18	16:13:46	16:13	16:13	16:13	16:13	16:13	16:13	16:13	16:13	16:13	16:13	16:13	16:13	16:13	16:13	16:13	16:13
HXRBS																			
UVSP	16:08																		
Importance=C3	Code=00	Exp #=85566																	
CaPeak.c/s=145	Qual=01																		
Wavelength=2788A	Code=00	Exp #=85566																	
Pitch=-660"	Yaw=-192"	Roll=-20deg	H.Ang=45deg																
Mac.=CAO	Carr. Lon.=240deg	H.Ang=31deg																	
MaxkeV=187	#Peaks=1	dt= 7.7s	XEN=907017																
FePeak.c/s=13	Step=10"	Cad= 590s	1.024s/pixel																
Rast=240"x240"	Step=0"	Pitch=-527"	Yaw=-260"																
Rast=180"x1"	Step=0"	Pitch=-524"	Yaw=-266"																
MaxkeV=187																			

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	N30E10	AR5395	Mac.=EKC	H.Ang=38deg
GOES			Peak...c/s=45	Qual=00			
HXRBS	17:20:01	17:20:37	Wavelength=1375A	Qual=01	Tot Cts=186	MaxkeV=102	
UVSP	17:05				Exp #=85570	Rast=30"x30"	Step=10" Pitch=-603", Yaw=-31"
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	N29E12	AR5395	Mac.=EKC	H.Ang=38deg
GOES			Peak...c/s=56	Qual=00			
HXRBS	17:26:44	17:27:13	Wavelength=1375A	Qual=01	Tot Cts=266	MaxkeV=102	
UVSP	17:26				Exp #=85572	Rast=30"x30"	Step=10" Pitch=-597", Yaw=-34"
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	N29E12	AR5395	Mac.=EKC	H.Ang=38deg
GOES			Peak...c/s=260	Qual=00			
HXRBS	17:28:53	17:30:51	CaPeak.c/s=121	Qual=11	Tot Cts=6310	MaxkeV=231	
BCS	17:11	17:32	Peak3...c/s=-1	Qual=1	FePeak=17:32	dt= 7.7s	XEN=907021
FCS			Wavelength=1375A		Exp #=85572	Rast=0"x0"	Cad=.26s
UVSP	17:26					Rast=30"x30"	Step=10" Pitch=-597", Yaw=-34"
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			
HXRBS	17:39:40	17:43:36	Wavelength=2788A	Qual=01	Tot Cts=5847	MaxkeV=144	
UVSP	17:43				Exp #=85573	Rast=180"x1"	Step=0" Pitch=-542", Yaw=-101"

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	18:48:03	19:07:35		CaPeak.c/s=418	Qual= 1	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
BGS		18:25	18:38	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	606/430									
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	19:57:32	19:58:13		Peak...c/s=143	Qual=02	FePeak.c/s=25	#Peaks=1	dt= 3.8s	XEN=907023
HXRBS		19:58	19:59	20:42		CaPeak.c/s=206	Qual= 4	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
BGS								Rast=265"x265"	Step=5"	Pitch=-664"	Yaw=-33"
FCS											
UVSP	20:00										
Radio Sweeps	Type/Intensity:										
Frequency (MHz)/Flux(sfu):	410/6200	606/430									
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	Flags=SN		
GOES		20:04:53	20:05:14	20:05:51		Peak...c/s=42	Qual=01	Rast=10"x10"	Step=0"	Pitch=-587"	Yaw=-96"
HXRBS						Wavelength=1375A					
UVSP	20:05										
Radio Sweeps	Type/Intensity:										
Frequency (MHz)/Flux(sfu):	410/6200	606/430									
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	Flags=SN		
GOES		20:11:17	20:11:32	20:11:49		Peak...c/s=61	Qual=01	Rast=10"x10"	Step=0"	Pitch=-587"	Yaw=-96"
HXRBS						Wavelength=1375A					
UVSP	20:05										
Radio Sweeps	Type/Intensity:										
Frequency (MHz)/Flux(sfu):	410/6200	606/430									
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=05	MaxkeV=102	Flags=SN		
GOES		20:27:40	20:27:50	20:28:03		Peak...c/s=87	Qual=01	Rast=10"x10"	Step=0"	Pitch=-576"	Yaw=-82"
HXRBS						Wavelength=1375A					
UVSP	20:18										
Radio Sweeps	Type/Intensity:										
Frequency (MHz)/Flux(sfu):	410/6200	606/430									
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	Flags=SN		
GOES		21:49:32	21:49:35	21:49:45		Peak...c/s=55	Qual=01	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
HXRBS						CaPeak.c/s=70	Qual= 1	Rast=30"x30"	Step=10"	Pitch=-573"	Yaw=-101"
BGS		21:32	21:52	22:18							
FCS											
UVSP	21:37										
Radio Sweeps	Type/Intensity:										
Frequency (MHz)/Flux(sfu):	410/6200	606/430									
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	23:15	End times	Importance=M1	Qual=01	MaxkeV=144	Flags=SN		
GOES		23:12	23:18	00:08		Peak...c/s=183	Qual=01	Rast=30"x30"	Step=10"	Pitch=-575"	Yaw=-112"
HXRBS		23:12:08	23:13:31	23:15:25							
UVSP	23:11										
Radio Sweeps	Type/Intensity:										
Frequency (MHz)/Flux(sfu):	410/6200	606/430									

Event # = 10804												
89/03/11,23:44	Start	DOY=70	End times	SMM Pointing:	N35E12							Pitch=-664",Yaw=-67",Roll=-20deg
		Peak			Qual=01							H.Ang=44deg
GOES	23:41:17	23:41:54	23:43:38	Peak...c/s=45	Qual=01							
HXRBS	23:05	23:44	23:54	CaPeak.c/s=129	Qual=1							
BCS		23:22		Peak3..c/s=11								
FCS				Wavelength=1375A								
UVSP	23:32											
89/03/12 DOY=71												
Event # = 10811												
89/03/12,00:31	Start	DOY=71	End times	SMM Pointing:	N35E11							Pitch=-661",Yaw=-78",Roll=-20deg
		Peak			N28E09							H.Ang=43deg
Optical				Ha...Class=2B	Qual=05							
GOES	00:17	00:31	00:42	Importance=M7	Qual=01							
HXRBS	00:38:39	00:38:57	00:39:06	Peak...c/s=51								
UVSP	00:41			Wavelength=1375A								
89/03/12 DOY=71												
Event # = 10812												
89/03/12,00:42	Start	DOY=71	End times	SMM Pointing:	N35E11							Pitch=-661",Yaw=-78",Roll=-20deg
		Peak			Qual=00							H.Ang=43deg
GOES	00:42:18	00:42:38	00:42:48	Peak...c/s=80	Qual=01							
HXRBS	00:41			Wavelength=1375A								
UVSP												
89/03/12 DOY=71												
Event # = 10813												
89/03/12,00:47	Start	DOY=71	End times	SMM Pointing:	N35E11							Pitch=-661",Yaw=-78",Roll=-20deg
		Peak			Qual=01							H.Ang=43deg
GOES	00:44	00:47	00:49	Importance=C8	Qual=01							
HXRBS	00:44:37	00:44:51	00:48:51	Peak...c/s=138	Qual=1							
BCS	00:38	00:46	01:33	CaPeak.c/s=203								
FCS				Wavelength=1375A								
UVSP	00:45			Type/Intensity: III/2	Code=00							
Radio Sweeps				245/2100	606/160							
Radio Frequency (MHz)/Flux(sfu):												
89/03/12,01:13 DOY=71												
Event # = 10814												
89/03/12,01:13	Start	DOY=71	End times	SMM Pointing:	N35E11							Pitch=-661",Yaw=-78",Roll=-20deg
		Peak			Qual=01							H.Ang=43deg
GOES	01:12:12	01:13:07	01:13:56	Peak...c/s=50	Qual=01							
HXRBS	01:06			Wavelength=1375A								
UVSP												
89/03/12,02:18 DOY=71												
Event # = 10805												
89/03/12,02:18	Start	DOY=71	End times	SMM Pointing:	N35E10							Pitch=-657",Yaw=-88",Roll=-20deg
		Peak			Qual=00							H.Ang=43deg
GOES	02:16:39	02:18:42	02:19:00	Peak...c/s=57	Qual=01							
HXRBS	02:18			Wavelength=1375A								
UVSP				245/3700								
Radio Frequency (MHz)/Flux(sfu):												

Event # = 10806	89/03/12, 02:21	DOY=71	Peak	SMM Pointing:	N35E10	Pitch=-657", Yaw=-88", Roll=-20deg	H. Ang=43deg
GOES	02:21:34	02:21:37	02:22:52	Peak...c/s=67	Qual=00	MaxkeV=102	
HXRBS	02:18			Wavelength=1375A	Qual=01	Rast=30"x30"	Step=10" Pitch=-578", Yaw=-148"
UVSP	03:01	03:00:43	03:01:23	Frequency(MHz)/Flux(sfu): 245/740	Tot Cts=453		
Radio					Exp #=85613		
Event # = 10808	89/03/12, 03:00	DOY=71	Peak	SMM Pointing:	N35E10	Pitch=-657", Yaw=-88", Roll=-20deg	H. Ang=43deg
Optical				Ha...Class=SF	N30E06	Mac.=EKC	
GOES	03:00:11	03:00:43	03:01:23	Peak...c/s=69	Qual=03	MaxkeV=102	
HXRBS	03:01			Wavelength=1375A	Qual=01	Rast=30"x30"	Carr. Lon.=258deg H. Ang=38deg
UVSP	03:01				Tot Cts=905	Flags=M5, ND	
Radio					Exp #=85617	Step=10" Pitch=-581", Yaw=-148"	
Event # = 10807	89/03/12, 03:02	DOY=71	Peak	SMM Pointing:	N35E10	Pitch=-657", Yaw=-88", Roll=-20deg	H. Ang=43deg
GOES	02:41:18	02:42:24	02:46:03	Peak...c/s=46	Qual=00	MaxkeV=144	
HXRBS	02:11	03:02	03:09	CaPeak.c/s=130	Qual=11	FePeak.c/s=27	Flags=DG #Peaks=3 dt= 7.7s XEN=907101
BCS	03:01			Wavelength=1375A	Qual=1	Rast=240"x240"	Step=10" Cad= 590s 1.024s/pixel
FCS						Rast=30"x30"	Step=10" Pitch=-581", Yaw=-148"
UVSP	03:01				Tot Cts=1589		
Radio					FePeak=03:02		
Event # = 22557	89/03/12, 03:49	DOY=71	Peak				
GOES	03:47	03:49	03:58	CaPeak.c/s=20	Qual=00	FePeak.c/s=6	#Peaks=1 dt= 7.7s XEN=907102
HXRBS	03:48			Wavelength=1375A	Qual=4	Rast=420"x240"	Step=15" Cad= 459s 1.024s/pixel
BCS						Rast=265"x265"	Step=5" Pitch=-579", Yaw=-293"
FCS					Exp #=85618		
UVSP							
Radio							
Event # = 10809	89/03/12, 04:02	DOY=71	Peak	SMM Pointing:	N35E10	Pitch=-586", Yaw=-305", Roll=-39deg	H. Ang=43deg
Optical				Ha...Class=SF	N30W75	Carr. Lon.=339deg	
Optical				Code=EPL	N33W90	Carr. Lon.=354deg	
GOES	04:02:14	04:02:30	04:02:33	Peak...c/s=49	Qual=00	MaxkeV=102	
HXRBS	04:05			Wavelength=1375A	Qual=01	Rast=10"x10"	Step=0" Pitch=-492", Yaw=-305"
UVSP	04:05				Tot Cts=113		
Radio					Exp #=85620		
Event # = 10810	89/03/12, 04:11	DOY=71	Peak	SMM Pointing:	N35E10	Pitch=-586", Yaw=-305", Roll=-39deg	H. Ang=43deg
GOES	04:11:09	04:11:23	04:11:29	Peak...c/s=42	Qual=00	MaxkeV=102	
HXRBS	04:05	04:11	04:15	CaPeak.c/s=29	Qual=01	FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=907103
BCS	04:05			Wavelength=1375A	Qual=1	Rast=240"x240"	Step=10" Cad= 590s 1.024s/pixel
FCS	04:05					Rast=10"x10"	Step=0" Pitch=-481", Yaw=-336"
UVSP	04:05				Tot Cts=69		
Radio					FePeak=04:11		
					Exp #=85622		

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	05:20							
Event # = 10833	DOY=71	End times	N35E09		Pitch=-650"	Yaw=-109"	Roll=-20deg	H.Ang=43deg
89/03/12 05:54	Peak							
Optical			Ha...Class=SF	AR5395	Mac.=EKC	Carr.Lon.=262deg		H.Ang=39deg
GOES	05:21	06:00	Importance=C8		MaxkeV=231	Flags=M5,FS		
HXRBS	05:21:17	05:25:00	Peak...c/s=1280	Tot Cts=24232	FePeak.c/s=109	#Peaks=2	dt= 7.7s	XEN=907105
BCS	05:22	06:09	CaPeak.c/s=382	FePeak=06:08	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
FCS					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			Ha...Class=SN	AR5395	Mac.=EKC	Carr.Lon.=255deg		H.Ang=37deg
GOES	06:05	06:13	Importance=C9		MaxkeV=102			
HXRBS	06:05:42	06:07:15	Peak...c/s=72	Tot Cts=2186	Rast=30"x30"	Step=10"	Pitch=-574"	Yaw=-173"
UVSP	06:07		Wavelength=1375A	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	06:56							
Radio	Frequency (MHz)/Flux(sfu):		245/100					
Event # = 10816	DOY=71	End times	N35E08		Pitch=-647"	Yaw=-119"	Roll=-20deg	H.Ang=43deg
89/03/12 07:42	Peak							
Optical			Ha...Class=SF	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	06:55	07:42	Wavelength=1375A	Exp #=85639	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
FCS					Rast=180"x1"	Step=0"	Pitch=-510"	Yaw=-195"
UVSP	07:43		Wavelength=2788A	1415/63 2695/33	4995/120 8800/130 15400/40			
Radio	Frequency (MHz)/Flux(sfu):		245/6100 410/490 606/360					

Event # = 10817
89/03/12, 07:47 DOY=71 Peak Pitch=-647", Yaw=-119", Roll=-20deg H.Ang=43deg
SMM Pointing: N35E08
End times
GOES 07:46:52 07:47:03 07:47:13 Qual=06
HXRBS Peak...c/s=38
UVSP Wavelength=2788A Qual=01
Radio Sweeps Type/Intensity: I/2
Radio Frequency(MHz)/Flux(sfu): 245/560 410/3500
Tot Cts=122
Exp #=85639
Step=0" Pitch=-510", Yaw=-195"

Event # = 10818
89/03/12, 08:28 DOY=71 Peak Pitch=-643", Yaw=-130", Roll=-20deg H.Ang=43deg
SMM Pointing: N35E07
End times
Optical
GOES 08:16 08:28 09:25 Ha...Class=1N
HXRBS 08:24:04 08:39:40 09:07:45 Importance=M7
GRS 08:39:00 08:42:00 Peak...c/s=2817
BCS 08:25 08:28 09:16 CaPeak.c/s=4638 Qual= 1
FCS FePeak.c/s=1788 #Peaks=1 dt= 3.8s Dur=180sec
UVSP Rast=240"x240" Step=10" Cad= 590s XEN=907107
Radio Frequency(MHz)/Flux(sfu): 4995/880 8800/2200 15400/2700 Step=10" Cad= 590s XEN=907108
BCS 09:16 09:16 09:22 Associated Event # = 22559 Rast=180"x1" Step=0" Pitch=-509", Yaw=-199" dt= 7.7s XEN=907108
FCS CaPeak.c/s=208 Qual= 5 FePeak=09:16 Step=5" Cad=1083s 2.048s/pixel
UVSP Wavelength=2788A Exp #=85643 Rast=180"x1" Step=0" Pitch=-507", Yaw=-205"

Event # = 10819
89/03/12, 10:17 DOY=71 Peak Pitch=-606", Yaw=-338", Roll=-20deg H.Ang=46deg
SMM Pointing: N38W08
End times
GOES 10:14:54 10:15:05 10:16:01 Qual=01
HXRBS Peak...c/s=46
BCS 10:15 10:17 10:31 CaPeak.c/s=40
FCS Wavelength=2788A
UVSP 09:48 Exp #=85644

Event # = 10820
89/03/12, 11:41 DOY=71 Peak Pitch=-602", Yaw=-348", Roll=-20deg H.Ang=46deg
SMM Pointing: N38W09
End times
GOES 11:41:18 11:41:39 11:41:56 Qual=00
HXRBS Peak...c/s=150
UVSP Wavelength=2788A Qual=01
Tot Cts=1110
Exp #=85646
Step=0" Pitch=-469", Yaw=-416"

Event # = 10821
89/03/12, 11:43 DOY=71 Peak Pitch=-602", Yaw=-348", Roll=-20deg H.Ang=46deg
SMM Pointing: N38W09
End times
Optical
GOES 11:43:35 11:43:49 11:44:02 Ha...Class=SF
HXRBS Peak...c/s=301
UVSP Wavelength=2788A Qual=01
Tot Cts=1714
Exp #=85646
Carr. Lon.=254deg H.Ang=38deg
Step=0" Pitch=-469", Yaw=-416"

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	12:14:27	12:15:00	MaxkeV=102	#Peaks=1 dt= 7.7s XEN=907111
HXRBS	12:13	12:17	12:21	FePeak.c/s=8	Step=0" Pitch=-466", Yaw=-422"
BCS	12:22			Rast=180" x1"	
UVSP				Tot Cts=178	
Radio				FePeak=12:17	
				Exp #=85647	
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	12:27	12:32	MaxkeV=187	#Peaks=1 dt= 7.7s XEN=907112
HXRBS	12:24:31	12:25:01	12:26:38	FePeak.c/s=32	Step=10" Cad= 590s 1.024s/pixel
BCS	12:24	12:26	12:29	Rast=240" x240"	Step=0" Pitch=-466", Yaw=-422"
FCS				Rast=180" x1"	
UVSP				Exp #=85647	
Radio				Event # = 10824	
				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	13:08:36	13:24:24	MaxkeV=144	#Peaks=2 dt= 7.7s XEN=907113
HXRBS	13:05	13:22	13:49	FePeak.c/s=36	Step=10" Cad= 590s 1.024s/pixel
BCS				Rast=240" x240"	Step=0" Pitch=-464", Yaw=-425"
FCS				Rast=180" x1"	
UVSP				Exp #=85648	
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	13:59	14:02	FePeak.c/s=10	#Peaks=1 dt= 7.7s XEN=907114
BCS				Rast=240" x240"	Step=10" Cad= 590s 1.024s/pixel
FCS				Rast=180" x1"	Step=0" Pitch=-462", Yaw=-432"
UVSP				Exp #=85649	
Radio					
Event # = 10826	DOY=71	SMM Pointing:	N33E04	Pitch=-604", Yaw=-163", Roll=-20deg	H. Ang=40deg
89/03/12, 15:10	Peak	End times			
GOES	14:56	15:10	15:31	Mac.=EKC	Carr. Lon.=257deg
HXRBS	14:51:25	15:01:54	15:26:14	AR5395	Flags=M5
BCS	14:52	15:06	15:30	Tot Cts=4.36E+5	#Peaks=1 dt= 7.7s XEN=907115
FCS				FePeak=15:05	Step=10" Cad= 590s 1.024s/pixel
UVSP				Rast=240" x240"	Step=10" Pitch=-534", Yaw=-239"
Radio				Rast=30" x30"	
				Exp #=85653	
				WaveLength=1100 8800/1200 15400/910	

Event # = 10827		SMM Pointing:		N33E03		Pitch=-600",Yaw=-175",Roll=-20deg		H.Ang=40deg	
89/03/12	16:24	DOY=71	Start	End times					
		Peak	16:24	16:29					
GOES	16:03	16:24	16:24	16:40	Importance=M2	Qual=01			
HXRBS	16:10:57	16:21:54	16:25:11		Peak...c/s=1553	Qual=02	Flags=M5,SN,FS		
UVSP	16:18				Wavelength=1375A	Code=00	Step=10" Pitch=-491",Yaw=-259"		
Radio		Frequency(MHz)/Flux(sfu):			606/220				
Event # = 10828		SMM Pointing:		N33E03		Pitch=-600",Yaw=-175",Roll=-20deg		H.Ang=40deg	
89/03/12	16:37	DOY=71	Start	End times					
		Peak	16:37	16:40					
GOES	16:32	16:37	16:37	16:40	Importance=C5	Qual=01			
HXRBS	16:31:03	16:33:53	16:36:08		Peak...c/s=175	Qual=01			
UVSP	16:18				Wavelength=1375A	Code=00	Step=10" Pitch=-491",Yaw=-259"		
Radio		Frequency(MHz)/Flux(sfu):			8800/180				
Event # = 10829		SMM Pointing:		N33E03		Pitch=-600",Yaw=-175",Roll=-20deg		H.Ang=40deg	
89/03/12	16:46	DOY=71	Start	End times					
		Peak	16:46	16:54					
GOES	16:44:22	16:46:23	16:46:54		Peak...c/s=768	Qual=01			
HXRBS	16:39	16:46:23	16:46:54		Wavelength=1375A	Code=00			
UVSP	16:18								
Radio		Frequency(MHz)/Flux(sfu):			8800/180				
Event # = 10830		SMM Pointing:		N33E02		Pitch=-596",Yaw=-186",Roll=-20deg		H.Ang=40deg	
89/03/12	17:53	DOY=71	Start	End times					
		Peak	17:53	17:57					
GOES	17:54:52	17:54:59	17:55:19		Peak...c/s=64	Qual=00			
HXRBS	17:52	17:53	17:57		CaPeak.c/s=25	Qual=01			
BCS	17:52	17:53	17:57			Qual=4			
FCS	17:50				Wavelength=1375A				
UVSP	17:50								
Radio		Frequency(MHz)/Flux(sfu):							
Event # = 10831		SMM Pointing:		N33E02		Pitch=-596",Yaw=-186",Roll=-20deg		H.Ang=40deg	
89/03/12	18:20	DOY=71	Start	End times					
		Peak	18:20	18:22					
GOES	18:16	18:20	18:22		Importance=C4	Qual=01			
HXRBS	18:13:45	18:18:38	18:19:04		Peak...c/s=57	Qual=01			
BCS	18:06	18:18	18:25		CaPeak.c/s=75	Qual=1			
FCS	18:13								
UVSP	18:13				Wavelength=1375A	Code=00			
Radio		Frequency(MHz)/Flux(sfu):							
Event # = 10836		SMM Pointing:		N33E01		Pitch=-592",Yaw=-196",Roll=-20deg		H.Ang=40deg	
89/03/12	19:36	DOY=71	Start	End times					
		Peak	19:36	19:36:48					
GOES	19:35:36	19:36:08	19:36:48		Peak...c/s=64	Qual=00			
HXRBS	19:25	19:36:08	19:36:48		Wavelength=1375A	Qual=01			
UVSP	19:25								
Radio		Frequency(MHz)/Flux(sfu):			245/970 410/1400	606/110 2695/54 4995/75			

Event # = 10837	D0Y=71	SMM Pointing:	N33E01	Pitch=-592" , Yaw=-196" , Roll=-20deg	H. Ang=40deg
89/03/12, 19:49	Peak	End times			
Optical		Ha...Class=SF	AR5395	Mac.=EKC	Carr. Lon.=257deg
GOES		Qual=00		MaxkeV=144	XEN=907120
HXRBS	19:40:56	Peak...c/s=39	Tot Cts=786	dt= 7.7s	Step=0"
BCS	19:18	CaPeak.c/s=110	FePeak=19:43	Rast=0" x0"	Cad=3840s
FCS	19:46	Wavelength=1375A	Exp #=85676	Rast=30" x30"	Pitch=-527" , Yaw=-208"
UVSP		15400/64			
Radio	Frequency(MHz)/Flux(sfu):				
Event # = 22561	D0Y=71	SMM Pointing:	N30W02	Pitch=-589" , Yaw=-210" , Roll=-20deg	H. Ang=40deg
89/03/12, 19:49	Peak	End times			
Optical		Ha...Class=SF	AR5395	Mac.=EKC	Carr. Lon.=257deg
GOES		Qual=00		FePeak.c/s=20	XEN=907120
HXRBS	19:18	Peak...c/s=110	FePeak=19:43	Rast=0" x0"	Cad=3840s
BCS	19:46	Wavelength=1375A	Exp #=85676	Rast=30" x30"	Pitch=-527" , Yaw=-208"
UVSP					
Radio	Frequency(MHz)/Flux(sfu):				
Event # = 10838	D0Y=71	SMM Pointing:	N33W00	Pitch=-589" , Yaw=-210" , Roll=-20deg	H. Ang=40deg
89/03/12, 21:03	Peak	End times			
Optical		Code=DSF		Carr. Lon.=264deg	H. Ang=36deg
Optical		Code=DSF		Carr. Lon.=258deg	H. Ang=7deg
GOES	20:31	Importance=M6		Flags=M5, SN	
HXRBS	20:50:31	Peak...c/s=5708	Tot Cts=5.62E+5	dt= 7.7s	XEN=907121
BCS	20:51	CaPeak.c/s=3622	FePeak=21:00	dt= 7.7s	XEN=907122
FCS	20:57	Wavelength=1375A	Exp #=85681	Cad= 590s	Step=10"
UVSP		245/3200 410/15000 606/13000 15400/1700	Exp #=85683	Rast=240" x240"	Pitch=-549" , Yaw=-202"
Radio	Frequency(MHz)/Flux(sfu):	Associated	Event # = 10839	Rast=30" x30"	
HXRBS	21:34:19	Peak...c/s=74	Tot Cts=418	MaxkeV=102	Pitch=-543" , Yaw=-209"
UVSP	21:18	Wavelength=1375A	Exp #=85683	Rast=30" x30"	
BCS	21:28	CaPeak.c/s=179	Event # = 22562	FePeak.c/s=10	XEN=907122
FCS	21:35	Wavelength=1375A	FePeak=21:28	Step=10"	Pitch=-543" , Yaw=-209"
UVSP	21:18		Exp #=85683	Rast=30" x30"	
Event # = 10840	D0Y=71	SMM Pointing:	N33W00	Pitch=-589" , Yaw=-210" , Roll=-20deg	H. Ang=40deg
89/03/12, 22:28	Peak	End times			
Optical		Ha...Class=SF	AR5395	Mac.=EKC	Carr. Lon.=252deg
GOES		Qual=05		MaxkeV=102	XEN=907123
HXRBS	22:24:04	Peak...c/s=80	Tot Cts=5350	dt= 3.8s	Step=0"
BCS	22:25	CaPeak.c/s=395	FePeak=22:28	Rast=240" x240"	Cad= 590s
FCS	22:41	Peak3...c/s=11	Exp #=85686	Rast=265" x265"	Pitch=-577" , Yaw=-205"
UVSP	22:27	Wavelength=1375A			
Event # = 10841	D0Y=71	SMM Pointing:	N33W00	Pitch=-584" , Yaw=-220" , Roll=-20deg	H. Ang=40deg
89/03/12, 22:57	Peak	End times			
GOES		Qual=00		MaxkeV=102	XEN=907123
HXRBS	22:57:32	Peak...c/s=64	Tot Cts=504	Rast=30" x30"	Pitch=-514" , Yaw=-300"
UVSP	22:52	Wavelength=1375A	Exp #=85690		
Radio	Frequency(MHz)/Flux(sfu):	245/1400			

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	
HXRBS	00:26	00:42:28	00:43:05	Qual=03	AR5395
UVSP	00:26	00:42:28	00:43:05	Qual=01	Tot Cts=1882
Radio Sweeps		Type/Intensity:			Exp #=85697
Radio 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	SMM Pointing:		N33W02		Pitch=-576", Yaw=-241", Roll=-20deg		H.Ang=40deg	
89/03/13, 01:37	DOY=72	End times	Ha...Class=1B	N33W09	Mac.=FKC	Carr.Lon.=261deg	H.Ang=41deg	
Optical	Peak		Ha...Class=1N	N27W08	Mac.=FKC	Carr.Lon.=260deg	H.Ang=35deg	
GOES	01:37	02:02	Importance=M1	Qual=01	MaxkeV=144	Flags=M5,FS	XEN=907202	
HXRBS	01:31:02	01:35:18	Peak...c/s=644	Qual=01	FePeak.c/s=286	#Peaks=1	dt= 3.8s	
BCS	01:31	02:27	CaPeak.c/s=692	Qual= 1	Rast=240"x240"	Step=10"	Cad= 590s	
FCS	02:00		Peak3...c/s=11		Rast=150"x150"	Step=10"	Pitch=-517", Yaw=-254"	
UVSP	01:38		WaveLength=1375A	Code=02	Exp #=85701			
Radio	Frequency (MHz)/Flux (sfu):		8800/180	15400/60				
Event # = 22564	SMM Pointing:		N33W03		Pitch=-572", Yaw=-251", Roll=-20deg		H.Ang=40deg	
89/03/13, 02:32	DOY=72	End times	Ha...Class=3N	N28W02	Mac.=FKC	Carr.Lon.=253deg	H.Ang=35deg	
Optical	Peak		Importance=X1	Qual=03	MaxkeV=367	Flags=M5, I, SN, EN	XEN=907203	
GOES	02:27	04:23	Peak...c/s=4111	Qual=04	FePeak.c/s=3714	#Peaks=1	dt= 7.7s	
HXRBS	03:03:37	03:16:51	CaPeak.c/s=6334	Qual= 1	Rast=15"x15"	Step=5"	Cad=9.22s	
BCS	03:05	04:02	Peak3...c/s=11		Rast=10"x10"	Step=0"	Pitch=-547", Yaw=-247"	
FCS	03:37		WaveLength=1375A	Code=00	Exp #=85713			
UVSP	03:24		245/5500	410/1100	1415/110	2695/380	8800/1400	
Radio	Frequency (MHz)/Flux (sfu):		245/5500	410/1100	606/700	15400/1100		
Event # = 11158	SMM Pointing:		N33W04		Pitch=-568", Yaw=-261", Roll=-20deg		H.Ang=40deg	
89/03/13, 04:41	DOY=72	End times	Ha...Class=SF	N31W04	Mac.=FKC	Carr.Lon.=254deg	H.Ang=38deg	
Optical	Peak		Importance=C8	Qual=01	MaxkeV=144	Flags=I	XEN=907205	
GOES	04:41:29	04:41:46	Peak...c/s=134	Qual=01	Rast=265"x265"	Step=5"	dt= 7.7s	
HXRBS	04:41:29	04:42:06	WaveLength=1375A		Exp #=85718		Cad= 590s	
UVSP	04:40				Tot Cts=525		Pitch=-561", Yaw=-249"	
Radio	Frequency (MHz)/Flux (sfu):				Exp #=85718			
Event # = 11159	SMM Pointing:		N33W04		Pitch=-568", Yaw=-261", Roll=-20deg		H.Ang=40deg	
89/03/13, 04:50	DOY=72	End times	Ha...Class=SF	N31W04	Mac.=FKC	Carr.Lon.=254deg	H.Ang=38deg	
Optical	Peak		Importance=C8	Qual=01	MaxkeV=102	Flags=I	XEN=907205	
GOES	04:45	04:50	Peak...c/s=64	Qual=01	FePeak.c/s=61	#Peaks=1	dt= 7.7s	
HXRBS	04:44:56	04:45:58	CaPeak.c/s=259	Qual= 1	Rast=240"x240"	Step=10"	Cad= 590s	
BCS	04:38	04:47	WaveLength=1375A	Code=00	Exp #=85720			
FCS	04:44		245/94	410/65	606/15			
UVSP	04:44							
Radio	Frequency (MHz)/Flux (sfu):							

Event # = 11160									
89/03/13, 05:04	DOY=72	Peak	End times	SMM Pointing:					
Optical				Ha...Class=SF	N33W04			Pitch=-568", Yaw=-261", Roll=-20deg	H. Ang=40deg
GOES	05:04:23	05:04:38	05:05:04	Peak...c/s=49	N30W08	AR5395	AR5395	Mac.=FKC	Carr. Lon.=258deg
HXRBS	04:44			Wave length=1375A	Qual=01			MaxkeV=102	Flags=I
UVSP					Qual=01			Rast=30"x30"	Step=10" Pitch=-494", Yaw=-346"
HXRBS	05:06:05	05:06:37	05:06:38	Peak...c/s=42	Associated			MaxkeV=102	Flags=I
UVSP	05:05			Wave length=1375A	Qual=01			Rast=30"x30"	Step=10" Pitch=-493", Yaw=-348"
Event # = 11162									
89/03/13, 05:32	DOY=72	Peak	End times	SMM Pointing:					
Optical				Ha...Class=SF	N33W04			Pitch=-568", Yaw=-261", Roll=-20deg	H. Ang=40deg
GOES	05:32:18	05:32:36	05:33:18	Peak...c/s=221	N30W11	AR5395	AR5395	Mac.=FKC	Carr. Lon.=261deg
HXRBS	05:26			Wave length=1375A	Qual=01			MaxkeV=144	Flags=I
UVSP					Qual=01			Rast=30"x30"	Step=10" Pitch=-492", Yaw=-351"
Radio	Type/Intensity:			111/2					
Radio	Frequency(MHz)/Flux(sfu):	245/9000	410/66	606/100	4995/9	8800/24	15400/17		
Event # = 11163									
89/03/13, 06:23	DOY=72	Peak	End times	SMM Pointing:					
Optical				Ha...Class=SF	N33W04			Pitch=-564", Yaw=-272", Roll=-20deg	H. Ang=40deg
GOES	06:22:28	06:23:26	06:24:09	Peak...c/s=113	Qual=00			MaxkeV=102	Flags=I
HXRBS	06:16			Wave length=2788A	Qual=01			Rast=243"x243"	Step=3" Pitch=-557", Yaw=-260"
UVSP									
Event # = 11164									
89/03/13, 06:31	DOY=72	Peak	End times	SMM Pointing:					
Optical				Ha...Class=SN	N33W04			Pitch=-564", Yaw=-272", Roll=-20deg	H. Ang=40deg
GOES	06:26	06:31	08:10	Importance=M1	N33W08	AR5395	AR5395	Mac.=FKC	Carr. Lon.=257deg
HXRBS	06:25:10	06:28:10	06:32:51	Peak...c/s=839	Qual=01			MaxkeV=231	Flags=M5, I
UVSP	06:16			Wave length=2788A	Code=00			Rast=243"x243"	Step=3" Pitch=-557", Yaw=-260"
Radio	Frequency(MHz)/Flux(sfu):	4995/50	8800/120	15400/350					
Event # = 11168									
89/03/13, 06:38	DOY=72	Peak	End times	SMM Pointing:					
Optical				Ha...Class=SF	N33W04			Pitch=-564", Yaw=-272", Roll=-20deg	H. Ang=40deg
GOES	06:37:49	06:38:36	06:39:39	Peak...c/s=73	N33W08	AR5395	AR5395	Mac.=FKC	Carr. Lon.=257deg
HXRBS	06:16			Wave length=2788A	Qual=01			MaxkeV=102	Flags=I
UVSP								Rast=243"x243"	Step=3" Pitch=-557", Yaw=-260"
Event # = 11169									
89/03/13, 06:40	DOY=72	Peak	End times	SMM Pointing:					
Optical				Ha...Class=SF	N33W04			Pitch=-564", Yaw=-272", Roll=-20deg	H. Ang=40deg
GOES	06:40:10	06:40:56	06:41:25	Peak...c/s=56	Qual=00			MaxkeV=102	Flags=I
HXRBS	06:16			Wave length=2788A	Qual=01			Rast=243"x243"	Step=3" Pitch=-557", Yaw=-260"
UVSP									
Radio	Frequency(MHz)/Flux(sfu):	245/240	410/85						

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	MaxkeV=144	Flags=I
GOES	07:02:23	07:03:08	Wavelength=2788A	Exp #=85727	Rast=180"x1"	Step=0" Pitch=-428", Yaw=-93"
HXRBS	07:03	07:03:08	245/1600	4995/120	8800/100	
UVSP	07:03	07:03:08				
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	MaxkeV=144	Flags=I
GOES	07:44:51	07:45:02	Wavelength=2788A	Qual=01	Rast=180"x1"	Step=0" Pitch=-433", Yaw=-249"
HXRBS	07:44:51	07:45:02		Tot Cts=1353	MaxkeV=144	Flags=I
UVSP	07:34	07:45:02		Exp #=85728	Rast=180"x1"	Step=0" Pitch=-433", Yaw=-249"
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	MaxkeV=102	Flags=I
GOES	07:57:04	07:57:15	Wavelength=2788A	Qual=01	Rast=180"x1"	Step=0" Pitch=-433", Yaw=-249"
HXRBS	07:57:04	07:57:15	245/1300	410/54	606/68	8800/35
UVSP	07:34	07:57:15				
Radio						
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	MaxkeV=102	Flags=I
GOES	08:00:04	08:00:28	Wavelength=2788A	Qual=01	Rast=180"x1"	Step=0" Pitch=-433", Yaw=-249"
HXRBS	08:00:04	08:00:28		Tot Cts=1467	MaxkeV=102	Flags=I
UVSP	07:34	08:00:28		Exp #=85728	Rast=180"x1"	Step=0" Pitch=-433", Yaw=-249"
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	H. Ang=46deg
GOES	08:24:34	08:24:59	245/2200	410/370	Flags=FS	Pitch=-431", Yaw=-255"
HXRBS	08:24:34	08:24:59		Tot Cts=2974	MaxkeV=187	Flags=FS
UVSP	08:36	08:24:59		Exp #=85729	Rast=180"x1"	Step=0" Pitch=-431", Yaw=-255"
Radio						
HXRBS	08:28:46	08:29:31	Peak...c/s=57	Associated	Event # = 10855	
Event # = 10855	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	N38W17	Mac.=FKC	H. Ang=48deg
Optical			Wavelength=2788A	Qual=01	Carr. Lon.=256deg	H. Ang=48deg
GOES	09:26:04	09:26:34	245/1600	1415/49	2695/68	4995/120
HXRBS	09:26:04	09:26:34		Tot Cts=212	MaxkeV=102	Flags=I
UVSP	09:10	09:26:34		Exp #=85730	Rast=180"x1"	Step=0" Pitch=-429", Yaw=-258"
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	MaxkeV=102	Flags=I
GOES	09:33	09:38	Peak...c/s=66	Qual=01	Rast=180"x1"	Step=0" Pitch=-429", Yaw=-258"
HXRBS	09:34:23	09:34:40	Wave length=2788A	Code=01	MaxkeV=102	Flags=I
UVSP	09:09	09:34:40		Tot Cts=932	Rast=180"x1"	Step=0" Pitch=-429", Yaw=-258"
Radio				Exp #=85730		

Event # = 10860		DOY=72		SMM Pointing:		N38W17		Pitch=-563", Yaw=-446", Roll=-20deg		H. Ang=48deg		
89/03/13, 09:45	Start	09:45	Peak	Ha...Class=SF		N32W11		Mac.=FKC		Carr. Lon.=258deg		
Optical	End times		Importance=C7		Qual=01		ARS395		MaxkeV=187		H. Ang=41deg	
GOES	09:47:47	09:48:45	09:50	Peak...c/s=680	Qual=01				Flags=M5			
HXRBS	09:47:47	09:48:45	09:50	WaveLength=2788A					Step=0"	Pitch=-427",	Yaw=-265"	
UVSP	10:08			245/11000 410/280 606/47								
Radio	Frequency (MHz)/Flux(sfu):		Associated		Event # = 10858							
HXRBS	09:42:00	09:43:47	09:44:31	Peak...c/s=66	Qual=01	Tot Cts=1738	MaxkeV=102					
HXRBS	09:46:30	09:46:40	09:46:46	Associated	Qual=01	Tot Cts=173	MaxkeV=102					
HXRBS	09:49:26	09:49:56	09:50:09	Peak...c/s=64	Qual=01	Tot Cts=532	MaxkeV=102					
Event # = 10862		DOY=72		SMM Pointing:		N38W17		Pitch=-563", Yaw=-446", Roll=-20deg		H. Ang=48deg		
89/03/13, 09:57	Start	09:57	Peak	Ha...Class=SF		N32W11		MaxkeV=102		Carr. Lon.=258deg		
Optical	End times		Importance=C7		Qual=01				Rast=180"x1"		Step=0"	
GOES	09:57:45	09:58:17	09:58:17	Peak...c/s=50	Qual=00	Tot Cts=149	MaxkeV=102					
HXRBS	09:57:45	09:58:17	09:58:17	WaveLength=2788A	Qual=01	Exp #=85731	Rast=180"x1"		Pitch=-427",	Yaw=-265"		
UVSP	10:08			245/11000 410/280 606/47								
Radio	Frequency (MHz)/Flux(sfu):		Associated		Event # = 10861							
HXRBS	09:42:00	09:43:47	09:44:31	Peak...c/s=66	Qual=01	Tot Cts=1738	MaxkeV=102					
HXRBS	09:46:30	09:46:40	09:46:46	Associated	Qual=01	Tot Cts=173	MaxkeV=102					
HXRBS	09:49:26	09:49:56	09:50:09	Peak...c/s=64	Qual=01	Tot Cts=532	MaxkeV=102					
Event # = 10863		DOY=72		SMM Pointing:		N38W17		Pitch=-563", Yaw=-446", Roll=-20deg		H. Ang=48deg		
89/03/13, 10:01	Start	10:01	Peak	Ha...Class=SF		N32W11		MaxkeV=231		Carr. Lon.=170deg		
Optical	End times		Importance=C7		Qual=01				Rast=180"x1"		Step=0"	
GOES	10:01:23	10:02:01	10:02:01	Peak...c/s=295	Qual=00	Tot Cts=1930	MaxkeV=231		Pitch=-427",	Yaw=-265"		
HXRBS	10:01:23	10:02:01	10:02:01	WaveLength=2788A	Qual=01	Exp #=85731	Rast=180"x1"					
UVSP	10:08			245/11000 410/280 606/47								
Radio	Frequency (MHz)/Flux(sfu):		Associated		Event # = 10861							
HXRBS	09:42:00	09:43:47	09:44:31	Peak...c/s=66	Qual=01	Tot Cts=1738	MaxkeV=102					
HXRBS	09:46:30	09:46:40	09:46:46	Associated	Qual=01	Tot Cts=173	MaxkeV=102					
HXRBS	09:49:26	09:49:56	09:50:09	Peak...c/s=64	Qual=01	Tot Cts=532	MaxkeV=102					
Event # = 10865		DOY=72		SMM Pointing:		N38W17		Pitch=-563", Yaw=-446", Roll=-20deg		H. Ang=48deg		
89/03/13, 10:50	Start	10:50	Peak	Ha...Class=SF		N32W11		MaxkeV=102		Carr. Lon.=170deg		
Optical	End times		Importance=C7		Qual=01				Rast=180"x1"		Step=0"	
GOES	10:48:36	10:50:42	10:52:39	Peak...c/s=56	Qual=00	Tot Cts=1234	MaxkeV=144		Pitch=-425",	Yaw=-268"		
HXRBS	10:48:36	10:50:42	10:52:39	WaveLength=2788A	Qual=11	Exp #=85732	Rast=180"x1"					
UVSP	10:41			245/11000 410/280 606/47								
Radio	Frequency (MHz)/Flux(sfu):		Associated		Event # = 10861							
HXRBS	09:42:00	09:43:47	09:44:31	Peak...c/s=66	Qual=01	Tot Cts=1738	MaxkeV=102					
HXRBS	09:46:30	09:46:40	09:46:46	Associated	Qual=01	Tot Cts=173	MaxkeV=102					
HXRBS	09:49:26	09:49:56	09:50:09	Peak...c/s=64	Qual=01	Tot Cts=532	MaxkeV=102					
Event # = 10866		DOY=72		SMM Pointing:		N38W17		Pitch=-563", Yaw=-446", Roll=-20deg		H. Ang=48deg		
89/03/13, 11:07	Start	11:07	Peak	Ha...Class=SF		N32W11		MaxkeV=187		Carr. Lon.=258deg		
Optical	End times		Importance=C7		Qual=01				Rast=180"x1"		Step=0"	
GOES	11:05:38	11:07:24	11:09:03	Peak...c/s=91	Qual=00	Tot Cts=2324	MaxkeV=187		Pitch=-425",	Yaw=-268"		
HXRBS	11:05:38	11:07:24	11:09:03	WaveLength=2788A	Qual=01	Exp #=85732	Rast=180"x1"					
UVSP	10:41			245/11000 410/280 606/47								
Radio	Frequency (MHz)/Flux(sfu):		Associated		Event # = 10861							

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	11:26:16		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 # = 10874	DOY=72		SMM Pointing:		N38W18		Pitch=-559", Yaw=-456", Roll=-20deg		H. Ang=48deg		
89/03/13, 12:36	Peak		End times		Qual=00		MaxkeV=102		Rast=180"x1"		
GOES	12:35:15	12:36:42	12:37:59	Peak,...c/s=85	Qual=01		Step=0"		Pitch=-422", Yaw=-277"		
HXRBS	12:15			Wave length=2788A		Tot Cts=1838					
UVSP	12:15					Exp #=85734					
Event # = 10875											
89/03/13, 13:16	DOY=72		SMM Pointing:		N38W19		Pitch=-554", Yaw=-466", Roll=-20deg		H. Ang=48deg		
Optical	Peak		End times		N32W14		Mac.=FKC		H. Ang=41deg		
GOES	13:06	13:16	13:47	Ha...Class=IN	Qual=03		Carr. Lon.=259deg				
HXRBS	12:56:52	13:12:42	13:22:33	Importance=M2	Qual=03		MaxkeV=187		dt= 7.7s		
BCS	12:24	13:15	13:22	Peak,...c/s=275	Qual=3		FePeak.c/s=317		#Peaks=2		
FCS	13:15			CaPeak.c/s=1343	Code=00		Rast=240"x240"		Step=10"		
UVSP	13:15			Wave length=2788A	Exp #=85735		Rast=180"x1"		Step=0"		
Radio	Frequency (MHz)/Flux(sfu):		245/1800 8800/140 15400/220								
Event # = 10876											
89/03/13, 14:07	DOY=72		SMM Pointing:		N33W10		Pitch=-535", Yaw=-350", Roll=-20deg		H. Ang=41deg		
GOES	Peak		End times		Qual=00		MaxkeV=231		Flags=SN		
HXRBS	14:00:03	14:07:37	14:21:17	Peak,...c/s=86	Qual=02		Rast=180"x1"		Step=0"		
UVSP	13:48			Wave length=2788A	Tot Cts=12080				Pitch=-400", Yaw=+185"		
Exp #=85736											
Event # = 10877											
89/03/13, 14:35	DOY=72		SMM Pointing:		N33W10		Pitch=-535", Yaw=-350", Roll=-20deg		H. Ang=41deg		
GOES	Peak		End times		Qual=00		MaxkeV=144		dt= 7.7s		
HXRBS	14:33:52	14:34:42	14:35:29	Peak,...c/s=61	Qual=01		FePeak.c/s=22		#Peaks=3		
BCS	13:58	14:35	14:56	CaPeak.c/s=141	Qual=1		Rast=240"x240"		Step=10"		
FCS	14:49			Wave length=2788A	Exp #=85737		Rast=180"x1"		Step=0"		
UVSP	14:49								Pitch=-398", Yaw=-171"		
Event # = 10878											
89/03/13, 15:43	DOY=72		SMM Pointing:		N33W11		Pitch=-530", Yaw=-361", Roll=-20deg		H. Ang=42deg		
Optical	Peak		End times		N32W15		Mac.=FKC		H. Ang=42deg		
GOES	15:34:36	15:43:12	15:52:34	Ha...Class=SN	Qual=00		Carr. Lon.=259deg				
HXRBS	15:41			Peak,...c/s=274	Qual=11		MaxkeV=320		Flags=06,AX		
UVSP	15:41			Wave length=1375A	Tot Cts=47342		Rast=265"x265"		Step=5"		
Exp #=85739					Exp #=85739				Pitch=-522", Yaw=-349"		
Event # = 22565											
89/03/13, 16:20	DOY=72		SMM Pointing:		N33W11		Pitch=-530", Yaw=-361", Roll=-20deg		H. Ang=42deg		
GOES	Peak		End times		Qual=00		FePeak.c/s=27		dt= 7.7s		
BCS	15:31	16:20	16:29	CaPeak.c/s=145	Qual=1		Rast=240"x240"		Step=10"		
FCS	16:07			Wave length=1375A	Exp #=85743		Rast=30"x30"		Step=10"		
UVSP	16:07								Pitch=-434", Yaw=-424"		
Event # = 10882											
89/03/13, 16:42	DOY=72		SMM Pointing:		N33W11		Pitch=-530", Yaw=-361", Roll=-20deg		H. Ang=42deg		
HXRBS	16:42:29	16:42:42	16:42:57	Peak,...c/s=58	Qual=01		MaxkeV=187		Flags=NS		
UVSP	16:27			Wave length=1375A	Tot Cts=258		Rast=30"x30"		Step=10"		
Exp #=85745					Exp #=85745				Pitch=-428", Yaw=-431"		

Event # = 10883	SMM Pointing:		N33W11	Pitch=-530", Yaw=-361", Roll=-20deg		H. Ang=42deg
89/03/13, 16:44	DOY=72	Start	Peak			
HXRBS	16:44:15	16:44:40	16:44:48	Tot Cts=287	Flags=NS	
UVSP	16:27			Exp # = 85745	Step=10"	Pitch=-428", Yaw=-431"
Wavelength=1375A						
Event # = 10879	SMM Pointing:		N33W12	Pitch=-525", Yaw=-372", Roll=-20deg		H. Ang=42deg
89/03/13, 17:20	DOY=72	Start	Peak			
GOES	17:07:55	17:20:15	17:28:40	Tot Cts=10294	Flags=SN	
HXRBS	17:11			Exp # = 85748	Step=10"	Pitch=-446", Yaw=-397"
UVSP				MaxkeV=231 Rast=30"x30"		
Wavelength=1375A						
Event # = 10880	SMM Pointing:		N33W12	Pitch=-525", Yaw=-372", Roll=-20deg		H. Ang=42deg
89/03/13, 18:22	DOY=72	Start	Peak			
Optical				AR5395	Carr. Lon.=259deg	
GOES	17:35	18:22	19:16	Tot Cts=11312	#Peaks=3	dt= 7.7s XEN=907210
HXRBS	17:34:18	17:36:16	17:40:10	FePeak=17:38	Step=10"	Cad= 590s 1.024s/pixel
BCS	17:05	17:40	17:43	Qual= 3	Step=5"	Pitch=-514", Yaw=-369"
FCS				Exp # = 85753		
UVSP	18:41			Wavelength=1375A		
Radio	Frequency(MHz)/Flux(sfu):		8800/240 15400/100			
BCS	18:38	18:39	19:16	Event # = 20512	#Peaks=1	dt= 3.8s XEN=907211
FCS				FePeak=18:39	Step=10"	Cad= 590s 1.024s/pixel
HXRBS	18:37:10	18:59:13	19:03:53	Qual= 5	Flags=SN	
UVSP	18:43			Exp # = 85755	Step=10"	Pitch=-437", Yaw=-412"
Wavelength=1375A						
Event # = 22566	SMM Pointing:		N33W15	Pitch=-513", Yaw=-403", Roll=-20deg		H. Ang=42deg
89/03/13, 20:36	DOY=72	Start	Peak			
GOES	20:11	20:36	20:52	FePeak=20:36	#Peaks=3	dt= 7.7s XEN=907212
BCS	20:11	20:36	20:52	Qual= 4	Step=10"	Cad= 590s 1.024s/pixel
FCS				Exp # = 85762	Step=10"	Pitch=-458", Yaw=-397"
UVSP	20:18			Rast=30"x30"		
Wavelength=1375A						
Event # = 22567	SMM Pointing:		N33W15	Pitch=-513", Yaw=-403", Roll=-20deg		H. Ang=42deg
89/03/13, 21:46	DOY=72	Start	Peak			
GOES	21:45	21:46	22:00	FePeak=21:45	#Peaks=1	dt= 3.8s XEN=907213
BCS	21:45	21:46	22:00	Qual= 4	Step=10"	Cad= 590s 1.024s/pixel
FCS				Exp # = 85767	Step=5"	Pitch=-506", Yaw=-390"
UVSP	21:47			Rast=265"x265"		
Wavelength=1375A						
Event # = 10884	SMM Pointing:		N33W15	Pitch=-513", Yaw=-403", Roll=-20deg		H. Ang=42deg
89/03/14, 03:05	DOY=73	Start	Peak			
Optical				AR5395	Carr. Lon.=260deg	
GOES	02:22	03:05	04:04	Tot Cts=1.47E+5	Flags=ES	dt= 7.7s XEN=907300
HXRBS	02:23:20	02:24:42	03:13:47	FePeak=03:02	#Peaks=2	Cad= 590s 1.024s/pixel
BCS	02:24	03:05	03:22	Qual= 3	Step=10"	Pitch=-445", Yaw=-452"
FCS				Exp # = 85794	Step=0"	
UVSP	02:57			Rast=240"x240"		
Wavelength=1375A						

BCS	03:58	04:23	03:59	04:23	Associated Event # = 22568	CaPeak.c/s=130	Qual= 5	FePeak=03:59	FePeak.c/s=10	#Peaks=1	dt= 3.8s	XEN=907302
FCS	04:01		04:08			Wavelength=1375A		Exp #=85797	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixe
UVSP	04:01								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	04:24:00	04:24:06	04:24:21	04:24:21	Peak...c/s=43	Qual=01		Tot Cts=134	MaxkeV=102	Step=0"	Pitch=-421"	Yaw=-461"
HXRBS	04:18				Wavelength=1375A			Exp #=85801	Rast=10"x10"			
UVSP	04:18											
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	05:58:29	05:58:48	05:58:59	05:58:59	Peak...c/s=40	Qual=01		Tot Cts=118	MaxkeV=102	Step=10"	Pitch=-572"	Yaw=-437"
HXRBS	05:58				Wavelength=1375A			Exp #=85810	Rast=30"x30"			
UVSP	05:58											
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	06:16	06:39	08:12	08:12	Ha...Class=SF	N31W21	AR5395		Mac.=FKC	Carr. Lon.=257deg		H. Ang=43deg
GOES	06:16:23	06:17:48	06:24:33	06:24:33	Importance=C9	Qual=02		Tot Cts=5774	MaxkeV=102	Step=10"	Pitch=-585"	Yaw=-434"
HXRBS	05:37	06:23	06:28	06:28	Peak...c/s=123	Qual=01		FePeak=06:19	Rast=240"x240"	Step=10"	Pitch=-480"	Yaw=-452"
BCS	06:20				CaPeak.c/s=416	Qual= 1			Rast=30"x30"	Step=3"		
FCS	06:20											
UVSP	06:20				Wavelength=1375A	Code=01	Exp #=85812		FePeak.c/s=13	#Peaks=1	dt= 3.8s	XEN=907304
Radio	07:05	07:06	07:50	07:50	Frequency(MHz)/Flux(sfu):	410/590 606/240 4995/19 8800/100 15400/53			Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixe
BCS	07:05	07:06	07:50	07:50	CaPeak.c/s=152	Qual= 5	Associated Event # = 22569		Rast=243"x243"	Step=10"	Pitch=-480"	Yaw=-452"
FCS	07:08											
UVSP	07:08				Wavelength=2788A		Exp #=85813					
Event # = 10888												
89/03/14,09:20	Start	End times	DOY=73	Peak	SMM Pointing:	N33W20			Pitch=-484"	Yaw=-476"	Roll=-20deg	H. Ang=45deg
Optical	08:34	09:20	09:43	09:43	Ha...Class=SF	N30W21	AR5395		Mac.=FKC	Carr. Lon.=255deg		H. Ang=42deg
GOES	09:15:37	09:19:35	09:20:49	09:20:49	Ha...Class=SF	N27W29	AR5395			Carr. Lon.=263deg		H. Ang=44deg
HXRBS	10:03				Importance=M2	Qual=02		Tot Cts=1692	MaxkeV=102	Step=0"	Pitch=-346"	Yaw=-299"
BCS	08:56:08	08:56:25	08:57:12	08:57:12	Peak...c/s=61	Qual=01		Exp #=85817	Rast=180"x1"			
FCS	08:56:08	08:56:25	08:57:12	08:57:12	Wavelength=2788A							
UVSP	08:56:08	08:56:25	08:57:12	08:57:12	Frequency(MHz)/Flux(sfu):	245/1000 410/470 4995/70 8800/81						
Radio	10:11	10:45	11:08	11:08	CaPeak.c/s=97	Qual= 1	Associated Event # = 10888					
HXRBS	11:03				Peak...c/s=127	Qual=01	Tot Cts=1280		MaxkeV=187			
UVSP	11:03											
Event # = 22570												
89/03/14,10:45	Start	End times	DOY=73	Peak	SMM Pointing:	S12E63			Carr. Lon.=171deg			H. Ang=62deg
Optical	10:11	10:45	11:08	11:08	Ha...Class=SF	N31W22	AR5395			Carr. Lon.=256deg		H. Ang=44deg
GOES	10:11	10:45	11:08	11:08	Ha...Class=SF	Qual=00						
BCS	10:11	10:45	11:08	11:08	CaPeak.c/s=97	Qual= 1		FePeak=10:41	FePeak.c/s=13	#Peaks=2	dt= 7.7s	XEN=907305
FCS	11:03				Wavelength=2788A			Exp #=85818	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixe
UVSP	11:03								Rast=180"x1"	Step=0"	Pitch=-343"	Yaw=-305"

Event # = 10890										Pitch=-479", Yaw=-486", Roll=-20deg	H. Ang=45deg	
89/03/14, 11:59	Start	DOY=73	Peak									
		SMM Pointing: N33W21										
GOES				End times		Qual=00						
HXRBS	11:47:07	11:47:22	11:47:30	11:47:30		Qual=01	Peak...c/s=47	Tot Cts=149				
BCS	11:45	11:59	12:18	12:18		Qual=1	CaPeak.c/s=41	FePeak=11:58				
FCS							Wave length=2788A	Exp #=85819				
UVSP	11:37											
Event # = 22571												
89/03/14, 12:23	Start	DOY=73	Peak									
		SMM Pointing: N33W23										
GOES				End times		Qual=00						
BCS	12:22	12:23	12:41	12:41		Qual=4	CaPeak.c/s=27	FePeak=12:23				
FCS							Wave length=2788A	Exp #=85820				
UVSP	12:35											
Event # = 22572												
89/03/14, 13:43	Start	DOY=73	Peak									
		SMM Pointing: N33W23										
GOES				End times		Qual=06						
BCS	13:18	13:43	13:50	13:50		Qual=4	CaPeak.c/s=53	FePeak=13:43				
FCS							Wave length=2788A	Exp #=85822				
UVSP	14:09											
Event # = 10891												
89/03/14, 13:52	Start	DOY=73	Peak									
		SMM Pointing: N30E56										
Optical				End times		Qual=06						
GOES						Qual=01	Ha...Class=1F	AR5404				
HXRBS	13:50:17	13:50:49	13:53:45	13:53:45		Qual=4	Peak...c/s=72	Tot Cts=1968				
BCS	13:52	13:52	13:54	13:54		Qual=4	CaPeak.c/s=20	FePeak=13:52				
FCS							Wave length=2788A	Exp #=85822				
UVSP	14:09											
Event # = 22573												
89/03/14, 14:01	Start	DOY=73	Peak									
		SMM Pointing: N30E56										
Optical				End times		Qual=00						
GOES						Qual=4	Ha...Class=1F	AR5404				
BCS	14:00	14:01	14:15	14:15		Qual=4	CaPeak.c/s=23	FePeak=14:13				
FCS							Wave length=2788A	Exp #=85822				
UVSP	14:09											
Event # = 22574												
89/03/14, 14:52	Start	DOY=73	Peak									
		SMM Pointing: N30E56										
Optical				End times		Qual=05						
GOES						Qual=5	Ha...Class=1F	AR5404				
BCS	14:51	14:52	15:48	15:48		Qual=5	CaPeak.c/s=196	FePeak=14:52				
FCS							Wave length=2788A	Exp #=85823				
UVSP	14:43											

Event # = 10892
 89/03/14, 17:31 DOY=73 Peak Pitch=-462", Yaw=-527", Roll=-20deg H.Ang=46deg
 Start
 SMM Pointing: N33W25
 Optical Ha...Class=2B AR5395
 Optical Ha...Class=SN AR5397
 GOES 16:50 17:31 18:16
 HXRBS 16:34:24 16:56:56 17:00:53
 BCS 16:24 16:59 17:00
 FCS
 UVSP Tot Cts=2.86E+5 MaxkeV=367 dt= 7.7s XEN=907312
 Radio Frequency(MHz)/Flux(sfu): 410/580 606/380 1415/640 4995/140 8800/2300 15400/1500 #Peaks=1 Step=10" Cad= 590s 1.024s/pixel
 BCS 17:58 17:59 18:34 Associated Event # = 22575
 FCS CaPeak.c/s=1277 Qual= 5 FePeak=17:59
 UVSP Wavelength=1375A Exp #=85832
 Wavelength=1375A

Event # = 10893
 89/03/14, 19:55 DOY=73 Peak Pitch=-457", Yaw=-537", Roll=-20deg H.Ang=47deg
 Start
 SMM Pointing: N33W25
 Optical Ha...Class=SN AR5395
 GOES 19:36 19:55 20:29
 HXRBS 19:34:20 19:39:53 19:56:21
 BCS 19:31 19:52 20:10
 FCS
 UVSP Tot Cts=39223 MaxkeV=102 dt= 7.7s XEN=907314
 Radio Frequency(MHz)/Flux(sfu): 4995/60 8800/100 15400/120 #Peaks=1 Step=10" Cad= 590s 1.024s/pixel
 BCS 19:38 19:52 20:10
 FCS CaPeak.c/s=906 Qual= 1 FePeak=19:42
 UVSP Wavelength=1375A Exp #=85841
 Radio Frequency(MHz)/Flux(sfu): 4995/60 8800/100 15400/120

Event # = 22576
 89/03/14, 21:04 DOY=73 Peak Pitch=-453", Yaw=-547", Roll=-20deg H.Ang=47deg
 Start
 SMM Pointing: N33W26
 Optical Ha...Class=SN AR5403
 GOES 21:04 21:04 21:46
 HXRBS 21:04 21:04 21:46
 BCS 21:04 21:04 21:46
 FCS
 UVSP Tot Cts=124 MaxkeV=102 dt= 3.8s XEN=907315
 Radio Frequency(MHz)/Flux(sfu): 4995/60 8800/100 15400/120 #Peaks=1 Step=10" Cad= 590s 1.024s/pixel
 BCS 21:07 21:07 21:46
 FCS CaPeak.c/s=696 Qual= 5 FePeak=21:04
 UVSP Wavelength=1375A Exp #=85846
 Wavelength=1375A

Event # = 10894
 89/03/14, 21:42 DOY=73 Peak Pitch=-375", Yaw=-579"
 Start
 SMM Pointing: N33W26
 Optical Ha...Class=SF AR5403
 GOES 21:42:06 21:42:18 21:42:38
 HXRBS 21:42:06 21:42:18 21:42:38
 BCS 21:31 21:42 21:54
 FCS
 UVSP Tot Cts=85850 MaxkeV=102 dt= 3.8s XEN=907316
 Radio Frequency(MHz)/Flux(sfu): 4995/60 8800/100 15400/120 #Peaks=1 Step=10" Cad= 590s 1.024s/pixel
 BCS 22:38 22:41 22:54
 FCS CaPeak.c/s=54 Qual= 4 FePeak=22:38
 UVSP Wavelength=1375A Exp #=85853
 Wavelength=1375A

89/03/15 DOY=74

Event # = 10895
 89/03/15, 00:24 DOY=74
 Start Peak
 SMM Pointing: N33W28
 Ha...Class=SF
 End times
 Optical
 GOES 00:22:17 00:23:24 00:24:41
 HXRBS Peak...c/s=52
 BCS 00:11 00:24 00:34
 CaPeak.c/s=56
 FCS
 UVSP 00:16
 Radio Frequency(MHz)/Flux(sfu): 410/140
 Pitch=-444", Yaw=-567", Roll=-20deg
 Carr. Lon.=254deg
 H. Ang=48deg
 Mac.=FKC
 H. Ang=44deg
 MaxkeV=102
 #Peaks=2 dt= 3.8s XEN=907400
 FePeak.c/s=13 Step=15" Cad= 459s 1.024s/pixel
 Rast=420"x240" Pitch=-407", Yaw=-570"
 Rast=30"x30" Step=10"

Event # = 22578
 89/03/15, 01:04 DOY=74
 Start Peak
 SMM Pointing: N33W29
 Ha...Class=SF
 End times
 Optical
 GOES 01:51:11 01:51:18 01:51:32
 HXRBS Peak...c/s=85
 UVSP 01:51
 Type/Intensity: I11/3
 Radio Sweeps
 Radio Frequency(MHz)/Flux(sfu): 245/600 606/47
 Qual=00
 Qual=2
 FePeak=01:04
 Exp #=85866
 FePeak.c/s=7
 Rast=30"x30" Step=10" dt= 7.7s XEN=907401
 Pitch=-381", Yaw=-590"
 Pitch=-438", Yaw=-579", Roll=-20deg
 H. Ang=49deg
 MaxkeV=102
 Rast=10"x10" Step=0" Pitch=-378", Yaw=-595"

Event # = 10896
 89/03/15, 01:51 DOY=74
 Start Peak
 SMM Pointing: N33W37
 Ha...Class=SF
 End times
 Optical
 GOES 03:18 03:19 04:13
 HXRBS Peak...c/s=127
 BCS 04:55:22 04:56:33 04:58:37
 CaPeak.c/s=116
 FCS 04:51
 Peak3..c/s=2062
 UVSP 04:58
 Radio Frequency(MHz)/Flux(sfu): 8800/76
 Qual=00
 Qual=1
 FePeak=02:25
 Exp #=85873
 FePeak.c/s=7
 Rast=240"x240" Step=10" dt= 3.8s XEN=907402
 Rast=10"x10" Step=0" Cad= 590s 1.024s/pixel
 Pitch=-377", Yaw=-597"

Event # = 22580
 89/03/15, 03:19 DOY=74
 Start Peak
 SMM Pointing: N33W31
 Ha...Class=SF
 End times
 Optical
 GOES 04:59 05:02 05:04
 HXRBS Peak...c/s=127
 BCS 04:55:22 04:56:33 04:58:37
 CaPeak.c/s=116
 FCS 04:51
 Peak3..c/s=2062
 UVSP 04:58
 Radio Frequency(MHz)/Flux(sfu): 8800/76
 Qual=00
 Qual=5
 FePeak=03:19
 Exp #=85876
 FePeak.c/s=20
 Rast=240"x240" Step=10" dt= 3.8s XEN=907403
 Rast=265"x265" Step=5" Pitch=-427", Yaw=-576"

Event # = 10897
 89/03/15, 05:02 DOY=74
 Start Peak
 SMM Pointing: N33W25
 Ha...Class=1F
 End times
 Optical
 GOES 04:59 05:02 05:04
 HXRBS Peak...c/s=127
 BCS 04:55:22 04:56:33 04:58:37
 CaPeak.c/s=116
 FCS 04:51
 Peak3..c/s=2062
 UVSP 04:58
 Radio Frequency(MHz)/Flux(sfu): 8800/76
 Qual=00
 Qual=1
 FePeak=05:00
 Exp #=85887
 FePeak.c/s=16
 Rast=240"x240" Step=10" dt= 3.8s XEN=907404
 Rast=30"x30" Step=10" Pitch=-460", Yaw=-528"

Event # = 10897
 89/03/15, 05:02 DOY=74
 Start Peak
 SMM Pointing: N33W25
 Ha...Class=1F
 End times
 Optical
 GOES 04:59 05:02 05:04
 HXRBS Peak...c/s=127
 BCS 04:55:22 04:56:33 04:58:37
 CaPeak.c/s=116
 FCS 04:51
 Peak3..c/s=2062
 UVSP 04:58
 Radio Frequency(MHz)/Flux(sfu): 8800/76
 Qual=00
 Qual=1
 FePeak=05:00
 Exp #=85887
 FePeak.c/s=16
 Rast=240"x240" Step=10" dt= 3.8s XEN=907404
 Rast=30"x30" Step=10" Pitch=-460", Yaw=-528"

Event # = 10897
 89/03/15, 05:02 DOY=74
 Start Peak
 SMM Pointing: N33W25
 Ha...Class=1F
 End times
 Optical
 GOES 04:59 05:02 05:04
 HXRBS Peak...c/s=127
 BCS 04:55:22 04:56:33 04:58:37
 CaPeak.c/s=116
 FCS 04:51
 Peak3..c/s=2062
 UVSP 04:58
 Radio Frequency(MHz)/Flux(sfu): 8800/76
 Qual=00
 Qual=1
 FePeak=05:00
 Exp #=85887
 FePeak.c/s=16
 Rast=240"x240" Step=10" dt= 3.8s XEN=907404
 Rast=30"x30" Step=10" Pitch=-460", Yaw=-528"

Event # = 10897
 89/03/15, 05:02 DOY=74
 Start Peak
 SMM Pointing: N33W25
 Ha...Class=1F
 End times
 Optical
 GOES 04:59 05:02 05:04
 HXRBS Peak...c/s=127
 BCS 04:55:22 04:56:33 04:58:37
 CaPeak.c/s=116
 FCS 04:51
 Peak3..c/s=2062
 UVSP 04:58
 Radio Frequency(MHz)/Flux(sfu): 8800/76
 Qual=00
 Qual=1
 FePeak=05:00
 Exp #=85887
 FePeak.c/s=16
 Rast=240"x240" Step=10" dt= 3.8s XEN=907404
 Rast=30"x30" Step=10" Pitch=-460", Yaw=-528"

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					
HXRBS	05:18	05:29:48	05:30:11	Qual=01					
UVSP	05:18	05:29:48	05:30:11	Qual=01					
Radio	05:18	05:29:48	05:30:11	Qual=01					
Peak...c/s=320									
Wave length=1375A									
15400/140									
Frequency(MHz)/Flux(sfu):									
Tot Cts=4811									
Exp #=85889									
Step=10" Pitch=-469", Yaw=-545"									
Flags=ND									
MaxkeV=187									
Rast=30"x30"									
Pitch=10"									
Event # = 10899									
89/03/15, 06:52	DOY=74	Peak	SMM Pointing:		N33W32	Pitch=-425", Yaw=-610", Roll=-20deg		H. Ang=50deg	
Optical	06:23	06:52	10:25	Qual=03					
GOES	06:23	06:52	10:25	Qual=03					
HXRBS	06:25:48	06:47:02	06:59:52	Qual=03	AR5395				
UVSP	06:25:48	06:47:02	06:59:52	Qual=03	AR5395				
Radio	06:25:48	06:47:02	06:59:52	Qual=03	AR5395				
Ha...Class=IF									
Importance=M5									
Peak...c/s=2143									
1415/57 2595/620 4995/1600									
Frequency(MHz)/Flux(sfu):									
Tot Cts=4,09E+5									
Exp #=85896									
Step=10" Pitch=-425", Yaw=-644"									
Flags=ND									
MaxkeV=367									
Rast=30"x30"									
Pitch=10"									
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					
HXRBS	07:56:33	07:56:48	07:59:16	Qual=01					
UVSP	07:56:33	07:56:48	07:59:16	Qual=01					
Radio	07:56:33	07:56:48	07:59:16	Qual=01					
Peak...c/s=45									
Wave length=1375A									
15400/54									
Frequency(MHz)/Flux(sfu):									
Tot Cts=653									
Exp #=85899									
Step=5" Pitch=-414", Yaw=-603"									
Flags=ND									
MaxkeV=102									
Rast=265"x265"									
Pitch=10"									
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	08:12:38	08:12:54	08:13:23	Qual=01					
UVSP	08:12:38	08:12:54	08:13:23	Qual=01					
Radio	08:12:38	08:12:54	08:13:23	Qual=01					
Peak...c/s=164									
Wave length=1375A									
15400/54									
Frequency(MHz)/Flux(sfu):									
Tot Cts=1111									
Exp #=85901									
Step=10" Pitch=-322", Yaw=-666"									
Flags=ND									
MaxkeV=144									
Rast=30"x30"									
Pitch=10"									
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	08:19:35	08:19:51	08:20:44	Qual=01					
UVSP	08:19:35	08:19:51	08:20:44	Qual=01					
Radio	08:19:35	08:19:51	08:20:44	Qual=01					
Peak...c/s=194									
Wave length=1375A									
8800/140 15400/340									
Frequency(MHz)/Flux(sfu):									
Tot Cts=2163									
Exp #=85901									
Step=10" Pitch=-322", Yaw=-666"									
Flags=ND									
MaxkeV=144									
Rast=30"x30"									
Pitch=10"									

Event # = 11176
 89/03/15,09:51 Start DOY=74 Peak End times
 SMM Pointing: N33W33 Pitch=-420",Yaw=-620",Roll=-20deg H.Ang=51deg
 Qual=05
 Qual=01
 MaxkeyV=102 Flags=1
 Rast=180"x1" Step=0" Pitch=-281",Yaw=-445"
 GUES 09:50:33 09:51:11 09:51:47 Tot Cts=258
 HXRBS 09:50:33 09:51:11 09:51:47 Peak...c/s=41 Wavelength=2788A Exp #=85906
 UVSP 10:21 Type/Intensity: III/3
 Radio Sweeps

Event # = 11177
 89/03/15,11:37 Start DOY=74 Peak End times
 SMM Pointing: N33W34 Pitch=-415",Yaw=-630",Roll=-20deg H.Ang=51deg
 Qual=00
 Qual=01
 MaxkeyV=102 Flags=1
 Rast=180"x1" Step=0" Pitch=-277",Yaw=-454"
 GUES 11:36:59 11:37:22 11:37:40 Tot Cts=118
 HXRBS 11:36:59 11:37:22 11:37:40 Peak...c/s=40 Wavelength=2788A Exp #=85908
 UVSP 11:56

Event # = 22583
 89/03/15,11:59 Start DOY=74 Peak End times
 Qual=00
 Qual=2
 FePeak=11:59
 dt= 3.8s XEN=907408
 Cad= 590s 1.024s/pixel
 Step=10" Pitch=-277",Yaw=-454"
 GUES 11:38 11:59 12:00 CaPeak.c/s=94 FePeak=11:59
 BCS 11:38 11:59 12:00 Wavelength=2788A Exp #=85908
 FCS
 UVSP 11:56

Event # = 11178
 89/03/15,12:21 Start DOY=74 Peak End times
 SMM Pointing: N33W34 Pitch=-415",Yaw=-630",Roll=-20deg H.Ang=51deg
 Ha...Class=IN Carr. Lon.=251deg
 Importance=M1 AR5395
 Qual=02
 Qual=01
 FePeak=12:42
 Code=02 Tot Cts=487
 Wavelength=2788A Exp #=85909
 2695/150 4995/280 8800/280 15400/190
 GUES 12:01 12:21 12:50
 HXRBS 12:00:42 12:01:04 12:01:42
 UVSP 12:29
 Radio Frequency(MHz)/Flux(sfu):

Event # = 22584
 89/03/15,12:39 Start DOY=74 Peak End times
 Mac.=FKC Carr. Lon.=256deg H.Ang=54deg
 FePeak.c/s=10 dt= 3.8s XEN=907409
 Step=10" Cad= 590s 1.024s/pixel
 Rast=180"x1" Step=0" Pitch=-276",Yaw=-457"
 GUES 12:38 12:39 13:04
 BCS 12:38 12:39 13:04
 FCS
 UVSP 12:29

Event # = 10903
 89/03/15,13:38 Start DOY=74 Peak End times
 SMM Pointing: N33W35 Pitch=-409",Yaw=-644",Roll=-20deg H.Ang=52deg
 Ha...Class=SN Carr. Lon.=257deg
 Importance=M1 AR5395
 Qual=01
 Qual=2
 FePeak=13:33
 Code=01
 Code=01
 Wavelength=2788A Exp #=85910
 III/3
 245/5400 410/860 606/190 4995/65 8800/100
 GUES 13:31 13:38 13:50
 HXRBS 13:31:07 13:33:02 13:33:38 Tot Cts=2440
 BCS 13:25 13:33 13:34 FePeak=13:33
 FCS
 UVSP 13:28
 Radio Sweeps Type/Intensity:
 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	Peak	End times	Ha...Class=SF	N31E44	AR5404	Mac. =BXO	Carr. Lon.=174deg
Optical			Importance=C5	Qual=01			H. Ang=57deg
GOES	14:27	14:34	Peak...c/s=77	Qual=01		MaxkeV=102	#Peaks=1 dt= 3.8s XEN=907411
HXRBS	14:28:56	14:29:23	CaPeak.c/s=102	Qual= 1	Tot Cts=970	FePeak.c/s=28	Step=10" Cad= 590s 1.024s/pixel
BCS	14:30	14:37	Peak3..c/s=11		FePeak=14:30	Rast=240"x240"	Step=0" Pitch=-272", Yaw=-465"
FCS	14:30	14:30	Wavelength=2788A	Code=01	Exp #=85911	Rast=180"x1"	
UVSP	14:03						
Event # = 22585							
89/03/15, 14:53	DOY=74	SMM Pointing:					
Optical		End times	Ha...Class=SF	Qual=01			
GOES	14:52	15:00	Importance=C5	Qual= 1	FePeak=14:53	FePeak.c/s=12	#Peaks=1 dt= 7.7s XEN=907412
BCS	14:52	15:00	Peak...c/s=77	Qual= 1		Rast=240"x240"	Step=10" Cad= 590s 1.024s/pixel
FCS	15:02		CaPeak.c/s=34		Exp #=85912	Rast=180"x1"	Step=0" Pitch=-269", Yaw=-470"
UVSP	15:02		Wave length=2788A				
Event # = 22586							
89/03/15, 15:05	DOY=74	SMM Pointing:					
Optical		End times	Ha...Class=SF	Qual=00			
GOES	15:04	15:07	Importance=C5	Qual= 4	FePeak=15:06	FePeak.c/s=10	#Peaks=1 dt= 7.7s XEN=907413
BCS	15:04	15:07	Peak...c/s=77	Qual= 4		Rast=240"x240"	Step=10" Cad= 590s 1.024s/pixel
FCS	15:02		CaPeak.c/s=20		Exp #=85912	Rast=180"x1"	Step=0" Pitch=-269", Yaw=-470"
UVSP	15:02		Wave length=2788A				
Radio			Frequency(MHz)/Flux(sfu): 245/1100				
Event # = 22587							
89/03/15, 15:51	DOY=74	SMM Pointing:					
Optical		End times	Ha...Class=SF	Qual=01			
GOES	15:50	15:55	Importance=C5	Qual= 4	FePeak=15:50	FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=907414
BCS	15:50	15:55	Peak...c/s=77	Qual= 4		Rast=240"x240"	Step=10" Cad= 590s 1.024s/pixel
FCS	15:36		CaPeak.c/s=25		Exp #=85913	Rast=180"x1"	Step=0" Pitch=-268", Yaw=-473"
UVSP	15:36		Wave length=2788A				
Event # = 22588							
89/03/15, 16:02	DOY=74	SMM Pointing:					
Optical		End times	Ha...Class=SF	Qual=01			
GOES	16:02	16:41	Importance=C5	Qual= 1	FePeak=16:01	FePeak.c/s=16	#Peaks=1 dt= 3.8s XEN=907415
BCS	16:02	16:18	Peak...c/s=77	Qual= 1		Rast=240"x240"	Step=10" Cad= 590s 1.024s/pixel
FCS	16:18		CaPeak.c/s=102		Exp #=85913	Rast=180"x1"	Step=0" Pitch=-268", Yaw=-473"
UVSP	16:18		Wave length=2788A				
Event # = 22590							
89/03/15, 16:54	DOY=74	SMM Pointing:					
Optical		End times	Ha...Class=2B	N31W40	AR5395	Mac. =FKC	Carr. Lon.=257deg
GOES	16:48	16:54	Importance=M8	Qual=05			H. Ang=54deg
BCS	17:17	17:18	CaPeak.c/s=1393	Qual= 5	FePeak=17:18	FePeak.c/s=198	#Peaks=1 dt= 3.8s XEN=907416
FCS	17:17	17:51	Wave length=2788A		Exp #=85915	Rast=240"x240"	Step=10" Cad= 590s 1.024s/pixel
UVSP	17:10					Rast=180"x1"	Step=0" 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		SMM Pointing:		N33W41		Pitch=-378", Yaw=-707", Roll=-20deg		H.Ang=56deg	
89/03/16, 01:37	DOY=75	Start	End times	Peak					
GOES									
HXRBS	01:37:46	01:37:51	01:37:57	Peak...c/s=52	Qual=00				
UVSP	01:32			Wavelength=1375A	Qual=01				
Event # = 10909		SMM Pointing:		N33W41		Pitch=-378", Yaw=-707", Roll=-20deg		H.Ang=56deg	
89/03/16, 02:20	DOY=75	Start	End times	Peak					
Optical									
GOES	01:55	02:20	03:38	Ha...Class=1F	N28W48				
HXRBS	01:55:37	01:59:21	01:59:47	Importance=M3	Qual=02				
BGS	02:37	02:38	03:32	Peak...c/s=340	Qual=03				
FCS				CaPeak.c/s=510	Qual= 5				
UVSP	02:39			Wavelength=1375A					
Radio	Frequency (MHz)/Flux(sfu):	245/440	1415/240	2695/430	2695/430				
Event # = 10920		SMM Pointing:		N33W42		Pitch=-373", Yaw=-717", Roll=-20deg		H.Ang=57deg	
89/03/16, 04:15	DOY=75	Start	End times	Peak					
GOES									
HXRBS	04:13:38	04:13:47	04:14:30	Peak...c/s=2000	Qual=05				
BGS	04:10	04:15	05:05	CaPeak.c/s=246	Qual=01				
FCS				Peak3...c/s=2062	Qual= 1				
UVSP	04:13			Wavelength=1375A					
Radio	Frequency (MHz)/Flux(sfu):	245/1100	15400/250						
Event # = 10910		SMM Pointing:		N33W42		Pitch=-373", Yaw=-717", Roll=-20deg		H.Ang=57deg	
89/03/16, 04:49	DOY=75	Start	End times	Peak					
GOES									
HXRBS	04:48:55	04:49:17	04:50:24	Peak...c/s=41	Qual=00				
UVSP	04:44			Wavelength=1375A	Qual=01				
Event # = 10911		SMM Pointing:		N33W42		Pitch=-373", Yaw=-717", Roll=-20deg		H.Ang=57deg	
89/03/16, 04:54	DOY=75	Start	End times	Peak					
GOES									
HXRBS	04:54:09	04:54:20	04:54:42	Peak...c/s=70	Qual=00				
UVSP	04:44			Wavelength=1375A	Qual=01				
Event # = 10912		SMM Pointing:		N33W43		Pitch=-368", Yaw=-727", Roll=-20deg		H.Ang=57deg	
89/03/16, 05:47	DOY=75	Start	End times	Peak					
GOES									
HXRBS	05:47:39	05:47:44	05:47:52	Peak...c/s=44	Qual=00				
UVSP	05:46			Wavelength=1375A	Qual=01				
						Tot Cts=87		Exp #=85949	
						MaxkeV=102		Rast=30"x30"	
						Step=10"		Pitch=-363", Yaw=-739"	
						Carr. Lon.=260deg		H.Ang=58deg	
						Flags=ES		dt= 3.8s	
						#Peaks=1		XEN=907502	
						Rast=240"x240"		Cad= 590s	
						Step=5"		Pitch=-367", Yaw=-702"	
						Exp #=85952		4995/440 8800/230 15400/58	
						Tot Cts=28668		FePeak=02:38	
						MaxkeV=144		FePeak.c/s=59	
						Mac. =FKC			
						Exp #=85961		4995/440 8800/230 15400/250	
						Tot Cts=12828		FePeak=04:15	
						MaxkeV=468		Flags=M5	
						FePeak.c/s=30		#Peaks=1	
						Rast=240"x240"		dt= 3.8s	
						Step=5"		XEN=907519	
						Exp #=85967		Cad= 590s	
						Tot Cts=318		Pitch=-363", Yaw=-710"	
						MaxkeV=102			
						Step=0"		Pitch=-285", Yaw=-754"	
						Rast=10"x10"			
						Tot Cts=201			
						Exp #=85967			
						MaxkeV=102			
						Step=0"		Pitch=-285", Yaw=-754"	
						Rast=10"x10"			
						Tot Cts=48			
						Exp #=85970			
						MaxkeV=102			
						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	06:11			Rast=30"x30"	Step=10" Pitch=-296", Yaw=-747"
UVSP	06:11				
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				
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				Mac. =FKC	Carr. Lon.=266deg H. Ang=67deg
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	07:18	07:24		Rast=30"x30"	Step=10" Pitch=-273", Yaw=-772"
UVSP	07:24				
Event # = 22594	DOY=75	Ha...Class=SN	N32W57	Mac. =FKC	Carr. Lon.=266deg H. Ang=67deg
89/03/16, 07:55	Peak	End times			
Optical					
GOES	07:54	07:59	Qual=06	FePeak.c/s=6	#Peaks=1 dt= 7.7s XEN=907505
BCS	07:54	07:55	Qual= 4	Rast=240"x240"	Step=10" Cad= 590s 1.024s/pixel
FCS	07:54	07:55		Rast=30"x30"	Step=10" Pitch=-277", Yaw=-769"
UVSP	07:45				
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			Pitch=-273", Yaw=-766"
FCS	08:01	08:05			
UVSP	08:05				
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		Rast=265"x265"	Pitch=-351", Yaw=-732"
FCS	08:51	08:54			
UVSP	08:52				

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	Carr.Lon.=272deg		
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=00	FePeak=12:03			
BCS				Wavelength=2788A	Qual= 4	Exp #=85992			
FCS									
UVSP	11:49								
Event # = 10922		SMM Pointing:		N29W55		Pitch=-351", Yaw=-759", Roll=-20deg		H. Ang=64deg	
89/03/16,12:26	DOY=75	Start	End times						
Optical				Ha...Class=SF	N29W55	Mac.=FKC	Carr.Lon.=261deg		
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		MaxkeV=102			
HRBS	12:18:00	12:18:30	12:20:16	Peak...c/s=59	Associated	MaxkeV=102			
UVSP	11:49			Wavelength=2788A	Qual=01	Rast=180"x1"	Step=0"	Pitch=-217"	Yaw=-574"

Event # = 22598		DOY=75																			
89/03/16	12:51	Start	End times	Qual=00	FePeak=12:51	FePeak.c/s=12	#Peaks=1	dt= 7.7s	XEN=907510												
GOES	12:45	Peak	12:53	Qual= 1	FePeak=12:51	Rast=240"x240"	Step=10"	Cad= 590s	XEN=907510												
BCS	12:45	Peak	12:53	Qual= 1	FePeak=12:51	Rast=180"x1"	Step=0"	Pitch=-215"	XEN=907510												
FCS	12:48	Peak	12:53	Qual= 1	FePeak=12:51	Wavelength=2788A	Exp #=85993														
UVSP	12:48	Peak	12:53	Qual= 1	FePeak=12:51	Wavelength=2788A	Exp #=85993														
Event # = 22599		DOY=75																			
89/03/16	13:36	Start	End times	Qual=00	FePeak=13:44	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=907511												
GOES	13:35	Peak	13:49	Qual= 4	FePeak=13:44	Rast=240"x240"	Step=10"	Cad= 590s	XEN=907511												
BCS	13:35	Peak	13:49	Qual= 4	FePeak=13:44	Rast=180"x1"	Step=0"	Pitch=-214"	XEN=907511												
FCS	13:22	Peak	13:49	Qual= 4	FePeak=13:44	Wavelength=2788A	Exp #=85994														
UVSP	13:22	Peak	13:49	Qual= 4	FePeak=13:44	Wavelength=2788A	Exp #=85994														
Event # = 22600		DOY=75																			
89/03/16	14:22	Start	End times	Qual=00	FePeak=14:21	CaPeak.c/s=23	#Peaks=1	dt= 7.7s	XEN=907512												
GOES	14:20	Peak	14:26	Qual= 4	FePeak=14:21	Rast=240"x240"	Step=10"	Cad= 590s	XEN=907512												
BCS	14:20	Peak	14:26	Qual= 4	FePeak=14:21	Rast=180"x1"	Step=0"	Pitch=-212"	XEN=907512												
FCS	14:22	Peak	14:26	Qual= 4	FePeak=14:21	Wavelength=2788A	Exp #=85995														
UVSP	14:22	Peak	14:26	Qual= 4	FePeak=14:21	Wavelength=2788A	Exp #=85995														
Event # = 10923		DOY=75																			
89/03/16	15:27	Start	End times	SMM Pointing:	N33W48	Pitch=-346"	Yaw=-769"	Roll=-20deg	H. Ang=61deg												
Optical	15:27	Start	End times	Ha...Class=2B	N36W47	Mac.=FKC															
Optical	15:27	Start	End times	Ha...Class=SF	N18W64																
GOES	15:22	15:27	17:17	Importance=X4	Qual=03	MaxkeV=857		Flags=M5, IN, IS													
HXRBS	15:22:37	15:25:09	16:51:37	Peak...c/s=160100	Qual=11	>10MeV=Y															
GRS	15:23:00	15:32:00	15:59	CaPeak.c/s=7661	Qual= 1	FePeak.c/s=8200	#Peaks=1	dt= 3.8s	XEN=907513												
BCS	15:16	15:29	15:59	Wavelength=2788A	Qual= 1	Rast=240"x240"	Step=10"	Cad= 590s	XEN=907513												
FCS	15:16	15:29	15:59	Wavelength=2788A	Qual= 1	Rast=180"x1"	Step=0"	Pitch=-208"	XEN=907513												
UVSP	15:16	15:29	15:59	Wavelength=2788A	Qual= 1	Wavelength=2788A	Exp #=85997														
Radio	15:54	16:40	17:09	Frequency(MHz)/Flux(sfu):	245/8100 410/2000 606/1400 1415/3900 2695/9300 4995/20000 8800/31000 15400/34000																
BCS	16:37	16:40	17:09	CaPeak.c/s=219	Qual= 4	FePeak.c/s=17	#Peaks=1	dt= 3.8s	XEN=907514												
FCS	16:37	16:40	17:09	CaPeak.c/s=219	Qual= 4	Rast=240"x240"	Step=10"	Cad= 590s	XEN=907514												
UVSP	16:44	16:44	17:09	Wavelength=2788A	Qual= 4	Rast=243"x243"	Step=3"	Pitch=-333"	XEN=907514												
Event # = 10933		DOY=75																			
89/03/16	17:59	Start	End times	SMM Pointing:	N33W49	Pitch=-341"	Yaw=-779"	Roll=-20deg	H. Ang=62deg												
Optical	17:52	17:59	18:52	Ha...Class=IN	N31W55	Mac.=FKC															
GOES	17:52	17:59	18:52	Importance=M2	Qual=05																
HXRBS	18:37:57	18:38:28	18:38:45	Peak...c/s=196	Qual=01	MaxkeV=187															
BCS	18:10	18:11	18:44	CaPeak.c/s=239	Qual= 5	FePeak.c/s=26	#Peaks=1	dt= 3.8s	XEN=907515												
FCS	18:10	18:11	18:44	CaPeak.c/s=239	Qual= 5	Rast=240"x240"	Step=10"	Cad= 590s	XEN=907515												
UVSP	18:13	18:13	18:44	Wavelength=1375A	Qual= 5	Rast=265"x265"	Step=5"	Pitch=-330"	XEN=907515												
Radio Sweeps	18:13	18:13	18:44	Wavelength=1375A	Qual= 5	Wavelength=1375A	Exp #=86000														
				Type/Intensity:		V/2															

Event # = 10939 89/03/16, 19:19 Optical GOES HXRBS BCS UVSP	Start 18:54 19:48:00 19:44 19:00	End times 20:35 20:07:27 20:20	SMM Pointing: Ha...Class=IN Code=BSL Importance=M7 Peak...c/s=48 CaPeak.c/s=612 Wavelength=1375A	N33W51 N31W55 N35W62 Qual=05 Qual=01 Qual=5 Code=01	D0Y=75 Peak 19:19 19:55:43 19:45 20:00	MaxkeV=187 FePeak.c/s=39 Rast=240"x240" Rast=30"x30" #Peaks=1 Step=10" dt= 3.8s Cad= 590s Pitch=336", Yaw=-798"	Pitch=-335", Yaw=-789", Roll=-20deg Mac.=FKC Carr.Lon.=257deg Carr.Lon.=264deg H.Ang=63deg H.Ang=65deg H.Ang=72deg
Event # = 22603 89/03/16, 20:45 Optical GOES BCS FCS UVSP	Start 20:37 21:17 20:32	End times 22:02 21:56	Ha...Class=1B Importance=X1 CaPeak.c/s=1466 Peak3...c/s=-1 Wavelength=1375A	N29W60 Qual=05 Qual=5 Code=01	D0Y=75 Peak 20:45 21:16 20:32	Mac.=FKC FePeak.c/s=82 Rast=0"x0" Rast=30"x30" #Peaks=2 Step=0" Step=10" dt= 7.7s Cad=.26s Pitch=-312", Yaw=-819"	Carr.Lon.=262deg #Peaks=2 Step=0" Step=10" dt= 7.7s Cad=.26s Pitch=-312", Yaw=-819"
Event # = 11179 89/03/16, 23:04 GOES HXRBS UVSP	Start 23:03:58 22:57	End times 23:04:14 23:04:14	SMM Pointing: Peak...c/s=85 Wavelength=1375A	N33W52 Qual=00 Qual=01	D0Y=75 Peak 23:04:03 23:04:14	Pitch=-330", Yaw=-800", Roll=-20deg MaxkeV=102 Rast=30"x30" Flags=I Step=10" Pitch=-307", Yaw=-829"	H.Ang=64deg
Event # = 11180 89/03/16, 23:19 GOES HXRBS BCS FCS UVSP Radio Sweeps	Start 23:14 23:14:23 22:52 23:18	End times 23:25 23:19:06 23:37 23:18	SMM Pointing: Importance=C8 Peak...c/s=254 CaPeak.c/s=311 Wavelength=1375A III/2	N33W52 Qual=01 Qual=11 Qual=1 Code=00	D0Y=75 Peak 23:19 23:16:30 23:19 23:18	Pitch=-330", Yaw=-800", Roll=-20deg MaxkeV=144 FePeak.c/s=74 Rast=240"x240" Rast=30"x30" Flags=I, DG, MD #Peaks=1 Step=10" Step=10" dt= 7.7s Cad= 590s Pitch=-321", Yaw=-821"	H.Ang=64deg
Event # = 11181 89/03/16, 23:25 GOES HXRBS UVSP	Start 23:25:41 23:18	End times 23:25:48 23:26:01	SMM Pointing: Peak...c/s=55 Wavelength=1375A	N33W52 Qual=00 Qual=01	D0Y=75 Peak 23:25:48 23:26:01	Pitch=-330", Yaw=-800", Roll=-20deg MaxkeV=102 Rast=30"x30" Flags=I Step=10" Pitch=-321", Yaw=-821"	H.Ang=64deg
Event # = 11182 89/03/16, 23:28 GOES HXRBS UVSP Radio Sweeps	Start 23:27:55 23:18	End times 23:28:18 23:28:18	SMM Pointing: Peak...c/s=54 Wavelength=1375A III/2	N33W52 Qual=00 Qual=01	D0Y=75 Peak 23:28:06 23:28:18	Pitch=-330", Yaw=-800", Roll=-20deg MaxkeV=102 Rast=30"x30" Flags=I, ND Step=10" Pitch=-321", Yaw=-821"	H.Ang=64deg

Event # = 11183
 89/03/17 01:05 DOY=76 Peak
 SMM Pointing: N33W53 Pitch=-323", Yaw=-811", Roll=-20deg H.Ang=65deg
 Qual=00
 Qual=01
 Qual=1
 GOES 01:03:54 01:03:59 01:04:40 Peak...c/s=60
 HXRBS 01:04 01:05 01:17 CaPeak.c/s=45
 BCS 00:56 Wavelength=1375A
 FCS
 UVSP

Flags=I
 #Peaks=1 dt= 3.8s XEN=907600
 Step=10" Cad= 590s 1.024s/pixel
 Step=0" Pitch=-297", Yaw=-842"
 MaxkeV=102
 FePeak.c/s=10
 Rast=240"x240"
 Rast=10"x10"
 Exp #=86034

Event # = 10941
 89/03/17 01:57 DOY=76 Peak
 SMM Pointing: N33W53 Pitch=-323", Yaw=-811", Roll=-20deg H.Ang=65deg
 Ha...Class=SF
 Importance=C8
 Peak...c/s=146
 CaPeak.c/s=298
 Wavelength=1375A
 N33W53
 N27W57
 Qual=01
 Qual=02
 Qual=1
 Code=02
 Exp #=86037

Mac.=FKC Carr. Lon.=256deg H.Ang=65deg
 MaxkeV=187
 FePeak.c/s=83 dt= 3.8s XEN=907601
 Rast=180"x180" Step=20" Cad=41.5s 0.512s/pixel
 Rast=265"x265" Step=5" Pitch=-312", Yaw=-804"
 Exp #=86045

Event # = 10943
 89/03/17 02:47 DOY=76 Peak
 SMM Pointing: N33W53 Pitch=-323", Yaw=-811", Roll=-20deg H.Ang=65deg
 Ha...Class=3N
 Ha...Class=SF
 Importance=M3
 Peak...c/s=3081
 Wavelength=1375A
 III/1
 410/850 606/750 1415/130 2695/240 4995/210 8800/110 15400/76
 Associated Event # = 10942
 Peak...c/s=153
 Wavelength=1375A
 410/250 606/630 1415/30 2695/49 4995/37 8800/37
 Exp #=86039

MaxkeV=231
 Rast=10"x10" Step=0" Pitch=-225", Yaw=-851"
 Exp #=86048

Event # = 10944
 89/03/17 03:33 DOY=76 Peak
 SMM Pointing: N33W55 Pitch=-316", Yaw=-823", Roll=-20deg H.Ang=66deg
 Qual=00
 Qual=01
 Qual=1
 GOES 03:30:52 03:31:44 03:34:54 Peak...c/s=1320
 HXRBS 03:30 03:33 04:02 CaPeak.c/s=499
 BCS 03:33 04:02 Wavelength=1375A
 FCS
 UVSP 03:33
 Radio Sweeps Type/Intensity:
 Radio Frequency(MHz)/Flux(sfu): 1415/35 2695/90 4995/150 8800/250 15400/84
 Associated Event # = 10945
 Peak...c/s=110
 Wavelength=1375A
 8800/120 15400/170
 Exp #=86048

Event # = 22605		D0Y=76		End times			
89/03/17	04:02	Start	Peak				
GOES	04:02	04:02	04:07	CaPeak.c/s=23	Qual=00	FePeak=04:04	dt= 7.7s XEN=907604
BCS	04:02			Wave length=1375A	Qual= 5	Exp #=86051	Rast=240"x240" Cad= 590s 1.024s/pixel
FCS	04:02						Rast=150"x150" Pitch=-311", Yaw=-839"
UVSP	04:02						
Event # = 22606		D0Y=76		End times			
89/03/17	04:24	Start	Peak				
GOES	04:22	04:22	04:24	CaPeak.c/s=27	Qual=00	FePeak=04:24	dt= 7.7s XEN=907605
BCS	04:22			Wave length=1375A	Qual= 1	Exp #=86054	Rast=240"x240" Cad= 590s 1.024s/pixel
FCS	04:16						Rast=10"x10" Pitch=0" Yaw=-849"
UVSP	04:16						
Event # = 10934		D0Y=76		End times			
89/03/17	05:16	Start	Peak	SMM Pointing:	N33W55		Pitch=-316", Yaw=-823", Roll=-20deg H. Ang=66deg
GOES	05:16:06	05:16:34	05:16:54	Peak...c/s=45	Qual=00	Tot Cts=326	
HXRBS	05:16:06			Wave length=1375A	Qual=01	Exp #=86057	
UVSP	05:10						MaxkeV=102
							Rast=10"x10" Pitch=0" Yaw=-848"
Event # = 10935		D0Y=76		End times			
89/03/17	05:32	Start	Peak	SMM Pointing:	N33W55		Pitch=-316", Yaw=-823", Roll=-20deg H. Ang=66deg
Optical							Mac.=FKC Carr. Lon.=257deg H. Ang=67deg
GOES	05:31	05:32	05:35	Ha...Class=SF	N27W60	AR5395	
HXRBS	05:30:04	05:30:43	05:33:26	Importance=C7	Qual=01	Tot Cts=10769	
BCS	05:21	05:33	05:39	Peak...c/s=245	Qual=01	FePeak=05:32	
FCS	05:23			CaPeak.c/s=179	Qual= 1		dt= 3.8s XEN=907606
UVSP	05:23			Wave length=1375A	Code=00	Exp #=86059	Rast=240"x240" Cad= 590s 1.024s/pixel
Radio Sweeps		Type/Intensity:		III/3			Pitch=-288", Yaw=-858"
Radio		Frequency (MHz)/Flux(sfu):		2695/51 4995/120 8800/190 15400/81			
Event # = 10936		D0Y=76		End times			
89/03/17	05:44	Start	Peak	SMM Pointing:	N33W55		Pitch=-316", Yaw=-823", Roll=-20deg H. Ang=66deg
GOES	05:43:03	05:43:22	05:44:00	Peak...c/s=41	Qual=01	Tot Cts=359	
HXRBS	05:43	05:44	05:53	CaPeak.c/s=51	Qual= 1	FePeak=05:44	
BCS	05:37			Wave length=1375A		Exp #=86061	
FCS	05:37						
UVSP	05:37						
Event # = 10937		D0Y=76		End times			
89/03/17	05:59	Start	Peak	SMM Pointing:	N33W55		Pitch=-316", Yaw=-823", Roll=-20deg H. Ang=66deg
Optical							Mac.=FKC Carr. Lon.=256deg H. Ang=69deg
GOES	05:55	05:59	06:01	Ha...Class=1N	N34W59	AR5395	
HXRBS	05:56:49	05:57:26	05:58:24	Importance=C8	Qual=01	Tot Cts=9366	
BCS	05:57	05:58	05:58	Peak...c/s=474	Qual=01	FePeak=05:58	
FCS	05:50			CaPeak.c/s=159	Qual= 2		dt= 7.7s XEN=907608
UVSP	05:50			Wave length=1375A	Code=00	Exp #=86063	Rast=240"x240" Cad= 590s 1.024s/pixel
Radio		Frequency (MHz)/Flux(sfu):		606/300 8800/97 15400/100			Pitch=-307", Yaw=-850"

Event # = 10938
 89/03/17, 07:19 Start DOY=76 Peak
 SMM Pointing: N33W57 Pitch=-309", Yaw=-834", Roll=-20deg H. Ang=67deg
 Optical Ha...Class=2B N32W59 Mac.=FKC Carr. Lon.=255deg H. Ang=68deg
 GOES 07:14 07:19 08:32 Importance=M7 Qual=03 AR5395
 HXRBS 07:14:58 07:16:39 07:31:54 Peak...c/s=14600 Qual=03 Tot Cts=6.12E+5 MaxkeV=857 Flags=EN
 GRS 07:16:00 07:18:00 CaPeak.c/s=4770 Qual= 1 FePeak=07:18 dt= 3.8s XEN=907609
 BCS 07:15 07:18 07:31 Wavelength=1375A Code=00 Exp #=86068 Rast=15"x15" Step=5" Cad=9.22s
 FCS 07:05 07:15 07:18 245/100 410/360 606/300 1415/290 2695/630 8800/1700 15400/1800 Pitch=-219", Yaw=-870"
 UVSP Frequency(MHz)/Flux(sfu):
 Radio

Event # = 10940
 89/03/17, 08:11 Start DOY=76 Peak
 SMM Pointing: N33W57 Pitch=-309", Yaw=-834", Roll=-20deg H. Ang=67deg
 Optical Ha...Class=IF N26W62 Mac.=FKC Carr. Lon.=257deg H. Ang=69deg
 GOES 08:08:13 08:08:57 08:11:23 Peak...c/s=134 Qual=00
 HXRBS 08:10 08:11 08:41 CaPeak.c/s=288 Qual= 4 Tot Cts=3037 #Peaks=1 dt= 3.8s XEN=907610
 BCS 08:10 08:11 08:41 Wavelength=1375A Code=00 Exp #=86071 Rast=180"x180" Step=20" Cad=41.5s 0.512s/pixel
 FCS 08:12 08:12 08:41 245/210 410/80 Pitch=-299", Yaw=-827"
 UVSP Frequency(MHz)/Flux(sfu):
 Radio

Event # = 22607
 89/03/17, 08:51 Start DOY=76 Peak
 SMM Pointing: N33W57 FePeak=08:54 dt= 7.7s XEN=907611
 GOES 08:45 08:51 09:01 CaPeak.c/s=32 Qual=00 FePeak=08:54 dt= 7.7s XEN=907611
 BCS 08:45 08:51 09:01 Type/Intensity: III/3 Rast=240"x240" Step=10" Cad= 590s XEN=907612
 FCS 08:37 09:01 09:01 Wavelength=1375A Exp #=86075 Rast=30"x30" Step=10" Cad= 590s XEN=907611
 UVSP Frequency(MHz)/Flux(sfu): 1415/230
 Radio

Event # = 22608
 89/03/17, 09:44 Start DOY=76 Peak
 SMM Pointing: N33W57 FePeak=09:45 dt= 7.7s XEN=907612
 GOES 09:43 09:44 09:58 CaPeak.c/s=28 Qual=00 FePeak=09:45 dt= 7.7s XEN=907612
 BCS 09:43 09:44 09:58 Wavelength=1375A Exp #=86078 Rast=420"x240" Step=15" Cad= 459s XEN=907612
 FCS 09:43 09:44 09:58 Rast=265"x265" Step=5" Pitch=-296", Yaw=-832"
 UVSP Frequency(MHz)/Flux(sfu):
 Radio

Event # = 22609
 89/03/17, 10:33 Start DOY=76 Peak
 SMM Pointing: N33W57 FePeak=10:33 dt= 3.8s XEN=907613
 GOES 10:16 10:33 10:38 CaPeak.c/s=51 Qual=00 FePeak=10:33 dt= 3.8s XEN=907613
 BCS 10:16 10:33 10:38 Wavelength=2788A Exp #=86083 Rast=240"x240" Step=10" Cad= 590s XEN=907613
 FCS 10:16 10:33 10:38 Rast=180"x180" Step=0" Pitch=-167", Yaw=-662"
 UVSP Frequency(MHz)/Flux(sfu):
 Radio

Event # = 10946	DOY=76	SMM Pointing:	N33W58	Pitch=-304",	Yaw=-845",	Roll=-20deg	H. Ang=68deg
89/03/17,11:13	Peak	End times		Mac.=FKC	Carr. Lon.=253deg		H. Ang=68deg
Optical				MaxkeV=102	Flags=M5,SN		
GOES	11:04	12:21	N32W59	FePeak.c/s=408	#Peaks=1	dt= 3.8s	XEN=907614
HXRBS	11:14:36	11:26:41	Qual=05	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel
BCS	11:17	11:51	Qual=02	Rast=180"x1"	Step=0"	Pitch=-166",	Yaw=-664"
FCS	11:17	11:51	Qual=5				
UVSP	11:09		Code=00				
Event # = 10947							
89/03/17,11:58	DOY=76	SMM Pointing:	N33W58	Pitch=-304",	Yaw=-845",	Roll=-20deg	H. Ang=68deg
Start	Peak	End times		MaxkeV=144	Step=0"	Pitch=-164",	Yaw=-668"
GOES			Qual=00	Rast=180"x1"			
HXRBS	11:57:22	11:58:05	Qual=01				
UVSP	12:08		Tot Cts=909				
Radio Sweeps	Type/Intensity:	Wavelength=2788A	Exp #=86085				
Radio Frequency(MHz)/Flux(sfu):	245/170						
Event # = 10948							
89/03/17,12:02	DOY=76	SMM Pointing:	N33W58	Pitch=-304",	Yaw=-845",	Roll=-20deg	H. Ang=68deg
Start	Peak	End times		MaxkeV=102	#Peaks=2	dt= 7.7s	XEN=907615
GOES			Qual=00	FePeak.c/s=21	Step=15"	Cad= 262s	1.024s/pixel
HXRBS	12:01:05	12:01:21	Qual=01	Rast=240"x240"	Step=0"	Pitch=-164",	Yaw=-668"
BCS	11:51	12:02	Qual=4	Rast=180"x1"			
FCS			Tot Cts=412				
UVSP	12:08		FePeak=12:01				
Radio Sweeps	Type/Intensity:	Wavelength=2788A	Exp #=86085				
Radio Frequency(MHz)/Flux(sfu):	111/3						
Event # = 22610							
89/03/17,14:44	DOY=76	SMM Pointing:	N33W62	Pitch=-291",	Yaw=-865",	Roll=-20deg	H. Ang=71deg
Start	Peak	End times		Mac.=FKC	Carr. Lon.=251deg		H. Ang=70deg
GOES			Qual=00	MaxkeV=102	#Peaks=2	dt= 3.8s	XEN=907617
BCS	14:24	14:53	Qual=4	FePeak.c/s=9	Step=15"	Cad= 262s	1.024s/pixel
FCS	14:44	14:42	Qual=4	Rast=240"x240"	Step=0"	Pitch=-160",	Yaw=-674"
UVSP	14:15		FePeak=14:43	Rast=180"x1"			
Radio Sweeps	Type/Intensity:	Wavelength=2788A	Exp #=86088				
Event # = 10949							
89/03/17,16:15	DOY=76	SMM Pointing:	N33W62	Pitch=-291",	Yaw=-865",	Roll=-20deg	H. Ang=71deg
Start	Peak	End times		Mac.=FKC	Carr. Lon.=251deg		H. Ang=70deg
Optical				MaxkeV=102	#Peaks=2	dt= 3.8s	XEN=907617
GOES	16:11	16:25	N34W60	FePeak.c/s=34	Step=15"	Cad= 262s	1.024s/pixel
HXRBS	16:12:10	16:13:18	Qual=03	Rast=240"x240"	Step=0"	Pitch=-157",	Yaw=-679"
BCS	15:59	16:26	Qual=01	Rast=180"x1"			
FCS	15:59	16:14	Qual=1				
UVSP	15:48		Code=01				
HXRBS	16:15:46	16:16:44	Associated	MaxkeV=102			
HXRBS	16:15:46	16:16:44	Event # = 10950				
UVSP	16:15:46	16:16:44	Qual=01				
HXRBS	16:18:53	16:20:35	Associated	MaxkeV=102			
UVSP	16:47		Event # = 10951				
HXRBS	16:18:53	16:19:46	Tot Cts=317				
UVSP	16:47		Exp #=86091				
HXRBS	16:18:53	16:19:46	Qual=01				
UVSP	16:47		Wave length=2788A				
Radio Sweeps	Type/Intensity:	Wavelength=2788A					
Radio Frequency(MHz)/Flux(sfu):	245/170						

Event # = 10952
 89/03/17, 17:44 Start DOY=76 Peak
 SMM Pointing: N33W62 Pitch=-291", Yaw=-865", Roll=-20deg H.Ang=71deg
 Ha...Class=2B AR5395 Carr. Lon.=250deg H.Ang=70deg
 Code=LPS AR5395 Carr. Lon.=251deg H.Ang=70deg
 Importance=X7
 Peak...c/s=132000Qual=14 Tot Cts=9.62E+7 MaxkeV=857 Flags=M5, SN, IN, IS, EG Dur=780sec
 17:20 17:44 18:56 >10MeV=Y Rast=243"x243" Step=3" Pitch=-280", Yaw=-856"
 HXRBS 17:27:40 17:36:06 18:02:20 Wave length=2788A Code=00 Exp #=86093
 GRS 17:31:00 17:44:00 Wavelength=1375A IV/3
 UVSP 17:37 Type/Intensity: 245/3900 410/760 606/510 1415/1500 2695/3100 8800/19000 15400/23000
 Radio Sweeps
 Radio Frequency(MHz)/Flux(sfu):

Event # = 11184
 89/03/17, 19:09 Start DOY=76 Peak
 SMM Pointing: N33W64 Pitch=-285", Yaw=-876", Roll=-20deg H.Ang=73deg
 Qual=00
 GOES 19:07:14 19:07:29 19:07:45 Peak...c/s=71 FePeak.c/s=21 dt= 3.8s XEN=907619
 HXRBS 19:03 19:09 19:37 CaPeak.c/s=209 Qual= 4 #Peaks=1 Step=15" Cad= 262s
 BCS 19:03 19:09 19:37 Wave length=1375A Exp #=86096 Step=10" Pitch=-185", Yaw=-912"
 FCS
 UVSP 19:08 Type/Intensity: V/2
 Radio Sweeps

Event # = 10953
 89/03/17, 20:17 Start DOY=76 Peak
 SMM Pointing: N33W64 Pitch=-285", Yaw=-876", Roll=-20deg H.Ang=73deg
 Importance=M1
 GOES 20:09 20:17 20:37 Peak...c/s=89 Qual=05
 HXRBS 20:40:26 20:40:44 20:41:15 CaPeak.c/s=117 Qual=01
 BCS 20:36 20:44 20:53 Peak3...c/s=-1 Qual= 1
 FCS
 UVSP 20:38 Wave length=1375A Exp #=86101

Event # = 10954
 89/03/17, 21:09 Start DOY=76 Peak
 SMM Pointing: N33W64 Pitch=-285", Yaw=-876", Roll=-20deg H.Ang=73deg
 Qual=00
 GOES 21:09:20 21:09:29 21:09:43 Peak...c/s=274 FePeak.c/s=9 dt= 7.7s XEN=907621
 HXRBS 21:03 21:09 21:14 Wavelength=1375A Qual=01 Step=0" X0" Cad=3840s 3840s/pixel
 UVSP 21:03 Frequency(MHz)/Flux(sfu): 245/18000 Rast=30"x30" Step=10" Pitch=-262", Yaw=-903"
 Radio

Event # = 22611
 89/03/17, 21:14 Start DOY=76 Peak
 SMM Pointing: N33W64 Pitch=-285", Yaw=-876", Roll=-20deg H.Ang=73deg
 Qual=00
 GOES 21:10 21:14 21:14 CaPeak.c/s=37 FePeak.c/s=9 #Peaks=1 dt= 7.7s XEN=907621
 BCS 21:10 21:14 21:14 Wave length=1375A Qual= 3 Step=10" Pitch=-262", Yaw=-903"
 FCS
 UVSP 21:03

Event # = 10955
 89/03/17, 22:29 Start DOY=76 Peak
 SMM Pointing: N33W64 Pitch=-285", Yaw=-876", Roll=-20deg H.Ang=73deg
 Ha...Class=SF AR5395 Carr. Lon.=248deg H.Ang=70deg
 Optical
 GOES 22:29:03 22:29:06 22:29:12 Peak...c/s=47 Tot Cts=39
 HXRBS 22:15 22:29:03 22:29:06 22:29:12 Wave length=1375A Qual=01 Exp #=86110
 UVSP 22:15

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		#Peaks=1 dt= 3.8s XEN=907623		
HXRBS	00:03:03	00:03:45	00:04:25	Peak...c/s=52	Qual=01	FePeak.c/s=8		Step=15" Cad= 262s 1.024s/pixel		
BGS	23:43	23:44	00:09	CaPeak.c/s=101	Qual= 5	Rast=30"x30"		Pitch=-158", Yaw=-948"		
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"		
						Exp #=86121				
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					Exp #=86132				
Radio Sweeps							Type/Intensity:			
Radio							Frequency (MHz)/Flux(sfu):		245/4400 410/120 606/160 1415/41 2695/36 4995/26 8800/66 15400/78	

Event # = 10961	SMM Pointing:			N33W70		Pitch=-261", Yaw=-906", Roll=-20deg			H. Ang=78deg		
89/03/18, 09:35	DOY=77	Peak	End times								
GOES	09:31	09:35	09:38	Importance=C3	Qual=01						
HXRBS	09:32:06	09:32:29	09:33:05	Peak...c/s=260	Qual=01						
BCS	09:33	09:34	09:56	CaPeak.c/s=86	Qual=1						
FCS	WaveLength=1375A Code=00 Exp #=86160										
UVSP	09:28	Type/Intensity: III/2									
Radio Sweeps	Frequency (MHz)/Flux(sfu): 245/460 606/51 1415/42 2695/46 4995/39 8800/86 15400/94										
Radio	Frequency (MHz)/Flux(sfu): 245/460 606/51 1415/42 2695/46 4995/39 8800/86 15400/94										
Event # = 22613											
89/03/18, 10:47	DOY=77	Peak	End times								
GOES	10:45	10:47	11:02	CaPeak.c/s=38	Qual=00						
BCS	WaveLength=2788A										
FCS	FePeak=10:47										
UVSP	11:26	Exp #=86164									
Event # = 10962											
89/03/18, 11:30	DOY=77	Peak	End times								
GOES	SMM Pointing: N33W70										
HXRBS	11:30:38	11:30:57	11:31:33	Peak...c/s=67	Qual=00						
UVSP	11:26	Exp #=86164									
Event # = 10963											
89/03/18, 12:49	DOY=77	Peak	End times								
Optical	SMM Pointing: N33W70										
GOES	12:41	12:49	13:01	Ha...Class=SF	N36W85						
HXRBS	12:41:43	12:42:44	12:53:36	Importance=C9	Qual=03						
GRS	12:42:00	12:44:00	12:44:00	Peak...c/s=2682	Qual=01						
BCS	12:43	12:48	13:04	CaPeak.c/s=547	Qual=1						
FCS	WaveLength=2788A										
UVSP	13:00	Exp #=86166									
Radio	Frequency (MHz)/Flux(sfu): 8800/560 15400/990										
Event # = 10964											
89/03/18, 13:58	DOY=77	Peak	End times								
GOES	SMM Pointing: N33W73										
HXRBS	13:58:29	13:58:38	13:58:48	Peak...c/s=75	Qual=00						
UVSP	13:33	Exp #=86167									
Event # = 22614											
89/03/18, 14:30	DOY=77	Peak	End times								
GOES	SMM Pointing: N33W73										
BCS	14:27	14:30	14:37	CaPeak.c/s=90	Qual=01						
FCS	WaveLength=2788A										
UVSP	14:33	Exp #=86168									

Event # = 22615		DOY=77																			
89/03/18, 15:21		Peak		End times																	
GOES	15:16	15:21	15:32	CaPeak.c/s=31	Qual=00	Qual=4	FePeak=15:22	Exp #=86169	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=907705									
BCS									Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel									
FCS									Rast=180"x1"	Step=0"	Pitch=-115"	Yaw=-733"									
UVSP	15:07			Wavelength=2788A																	
Event # = 22616		DOY=77																			
89/03/18, 15:43		Peak		End times																	
GOES	15:43	15:43	16:12	CaPeak.c/s=24	Qual=00	Qual=4	FePeak=15:43	Exp #=86170	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=907706									
BCS									Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel									
FCS									Rast=180"x1"	Step=0"	Pitch=-114"	Yaw=-734"									
UVSP	16:07			Wavelength=2788A																	
Event # = 10965		DOY=77																			
89/03/18, 16:05		Peak		End times																	
GOES	15:50	16:05	16:30	SMM Pointing:	N33W73				Pitch=-252"	Yaw=-917"	Roll=-20deg	H.Ang=80deg									
HXRBS	16:54:25	16:55:00	16:55:37	Importance=C9	Qual=05				MaxkeV=102												
UVSP	16:07			Peak...c/s=56	Qual=01		Tot Cts=420		Rast=180"x1"	Step=0"	Pitch=-114"	Yaw=-734"									
Event # = 22617		DOY=77																			
89/03/18, 17:16		Peak		End times																	
Optical				Ha...Class=SF	S14W02		AR5403		Mac.=DAI	Carr.Lon.=179deg	H.Ang=7deg										
GOES	17:14	17:16	17:18	CaPeak.c/s=30	Qual=00	Qual=3	FePeak=17:15	Exp #=86172	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=907707									
BCS									Rast=115"x115"	Step=5"	Cad=1083s	2.048s/pixel									
FCS									Rast=243"x243"	Step=3"	Pitch=-240"	Yaw=-908"									
UVSP	16:57			Wavelength=2788A																	
Event # = 10966		DOY=77																			
89/03/18, 17:58		Peak		End times																	
Optical				SMM Pointing:	N33W73				Pitch=-252"	Yaw=-917"	Roll=-20deg	H.Ang=80deg									
GOES	17:31	17:58	20:29	Ha...Class=SF	N37W74		AR5395		Mac.=FKC	Carr.Lon.=251deg	H.Ang=82deg										
HXRBS	18:19:50	18:21:48	18:39:46	Importance=M4	Qual=05				MaxkeV=102	Flags=SN											
BCS				Peak...c/s=44	Qual=02		Tot Cts=5846		FePeak.c/s=8	#Peaks=1	dt= 3.8s	XEN=907708									
FCS				CaPeak.c/s=57	Qual=4		FePeak=18:22		Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel									
UVSP	18:24			Wavelength=1375A			Exp #=86173		Rast=265"x265"	Step=5"	Pitch=-238"	Yaw=-910"									
Radio				Frequency (MHz)/Flux(sfu):	2695/35	4995/610	8800/950	15400/380													
BCS	19:55	20:00	20:31	Associated	Event # = 22618		FePeak=20:07		FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=907709									
FCS				CaPeak.c/s=67	Qual=4				Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel									
UVSP	19:58			Wavelength=1375A			Exp #=86180		Rast=265"x265"	Step=5"	Pitch=-236"	Yaw=-912"									

Event # = 10967
 89/03/18, 22:05 DOY=77
 Start Peak
 End times
 23:00
 22:05
 22:10:48
 21:56:39
 21:59:00
 22:04
 22:10

SMM Pointing: N33W77
 Importance=C3
 Peak...c/s=2017
 Tot Cts=1.52E+5
 MaxkeV=320
 FePeak.c/s=1638
 Qual=3
 FePeak=22:01
 Exp #=86191
 Wavelength=1375A
 Code=00
 Exp #=86191
 III/2
 Type/Intensity:
 Radio Sweeps
 Frequency(MHz)/Flux(sfu):
 4995/350 8800/780 15400/420

Pitch=-241", Yaw=-927", Roll=-20deg
 H.Ang=83deg

Dur=180sec
 XEN=907710
 dt= 7.7s
 Cad= 262s
 1.024s/pixel
 Pitch=-271", Yaw=-926"

Event # = 11289
 89/03/18, 23:03 DOY=77
 Start Peak
 End times
 23:02
 23:00:58
 23:02:54
 23:11
 23:03
 23:05

SMM Pointing: N33W77
 Peak...c/s=51
 CaPeak.c/s=51
 Wavelength=1375A
 Qual=00
 Qual=01
 Qual=5
 Tot Cts=1139
 FePeak=23:03
 Exp #=86194

Pitch=-791", Yaw=+540", Roll=90deg
 H.Ang=83deg

MaxkeV=102
 FePeak.c/s=10
 Rast=240"x240"
 Rast=265"x265"
 #Peaks=1
 Step=15"
 Step=5"
 dt= 3.8s
 XEN=907711
 Cad= 262s
 1.024s/pixel
 Pitch=-784", Yaw=+554"

Event # = 10968
 89/03/19, 00:32 DOY=78
 Start Peak
 End times
 00:37
 00:32:45
 00:32:53
 00:34:06
 00:41
 00:48:27
 00:49:01
 00:41

SMM Pointing: N33W77
 Code=SPY
 Peak...c/s=58
 Wavelength=1375A
 Associated
 Qual=01
 Qual=02
 Tot Cts=426
 Exp #=86201
 Event # = 10969
 Tot Cts=168
 Exp #=86202

Pitch=-791", Yaw=+540", Roll=90deg
 H.Ang=83deg

Optical
 GOES
 HXRBS
 UVSP
 HXRBS
 UVSP
 Mac.=FKC
 Carr.Lon.=263deg
 H.Ang=94deg
 MaxkeV=102
 Rast=265"x265"
 MaxkeV=102
 Rast=110"x200"
 #Peaks=1
 Step=15"
 Step=5"
 dt= 7.7s
 XEN=907800
 Cad= 262s
 1.024s/pixel
 Pitch=-229", Yaw=-917"

Event # = 22620
 89/03/19, 02:13 DOY=78
 Start Peak
 End times
 02:11
 02:08
 02:13
 02:21
 02:11

SMM Pointing: N33W77
 CaPeak.c/s=25
 Wavelength=1375A
 Qual=00
 Qual=4
 FePeak=02:12
 Exp #=86207

Pitch=-241", Yaw=-927", Roll=-20deg
 H.Ang=83deg

FePeak.c/s=6
 Rast=240"x240"
 Rast=265"x265"
 #Peaks=1
 Step=15"
 Step=5"
 dt= 7.7s
 XEN=907800
 Cad= 262s
 1.024s/pixel
 Pitch=-206", Yaw=-925"

Event # = 22621
 89/03/19, 02:39 DOY=78
 Start Peak
 End times
 02:30
 02:30
 02:39
 02:56
 02:33

SMM Pointing: N33W77
 CaPeak.c/s=67
 Wavelength=1375A
 Qual=00
 Qual=1
 FePeak=02:39
 Exp #=86210

Pitch=-241", Yaw=-927", Roll=-20deg
 H.Ang=83deg

FePeak.c/s=12
 Rast=240"x240"
 Rast=110"x200"
 #Peaks=1
 Step=15"
 Step=5"
 dt= 3.8s
 XEN=907801
 Cad= 262s
 1.024s/pixel
 Pitch=-259", Yaw=-953"

Event # = 22624	DOY=78	Peak	End times	Ha...Class=1F	S13409	AR5403	Mac.=DAI	Carr. Lon.=177deg	H. Ang=11deg
89/03/19,10:03	10:03	10:01	10:10	Importance=C9	Qual=04	FePeak=10:01	FePeak.c/s=54	#Peaks=1	XEN=907807
Optical	09:43	10:01	10:32	CaPeak.c/s=305	Qual=1		Rast=240"x240"	Step=15"	1.024s/pixel
GOES	09:55					Exp #=86238	Rast=110"x200"	Step=5"	Pitch=-244", Yaw=-953"
BCS									
FCS									
UVSP	10:01			Wavelength=1375A	Code=00				
Event # = 10973	DOY=78	Peak	End times	SMM Pointing:	AR5395		Mac.=FKC	Carr. Lon.=258deg	H. Ang=94deg
89/03/19,10:50	10:50	10:48	10:53	Ha...Class=SF	N31490		MaxkeV=102	#Peaks=1	XEN=907808
Optical	10:47	10:48	10:49	Importance=C5	Qual=01	Tot Cts=520	FePeak.c/s=28	Step=15"	1.024s/pixel
GOES	10:47:20	10:47:38	10:47:51	Peak...c/s=154	Qual=1	FePeak=10:48	Rast=240"x240"	Step=0"	Pitch=-79", Yaw=-753"
HXRBS	10:48			CaPeak.c/s=67					
BCS									
FCS									
UVSP	10:45			Wavelength=2788A	Code=00	Exp #=86242			
Event # = 22625	DOY=78	Peak	End times	Importance=C7	Qual=01	FePeak=11:28	FePeak.c/s=16	#Peaks=1	XEN=907809
89/03/19,12:01	12:01	11:28	12:27	CaPeak.c/s=70	Qual=5		Rast=240"x240"	Step=15"	1.024s/pixel
GOES	11:24		11:31			Exp #=86243	Rast=180"x1"	Step=0"	Pitch=-79", Yaw=-753"
BCS	11:28								
FCS									
UVSP	11:19			Wavelength=2788A					
Event # = 10979	DOY=78	Peak	End times	SMM Pointing:	AR5395		MaxkeV=231	Step=0"	Pitch=-79", Yaw=-753"
89/03/19,13:21	13:21	13:16:44	13:26	Importance=M1	Qual=01	Tot Cts=7700	Rast=180"x1"	Step=0"	
GOES	13:15	13:16:44	13:21:30	Peak...c/s=118	Qual=01	Exp #=86246			
HXRBS	13:15:56			Wavelength=2788A					
UVSP	13:52								
Event # = 22626	DOY=78	Peak	End times	Importance=C7	Qual=02	FePeak=15:00	FePeak.c/s=36	#Peaks=1	XEN=907810
89/03/19,15:13	15:13	15:00	15:41	CaPeak.c/s=110	Qual=2		Rast=240"x240"	Step=15"	1.024s/pixel
GOES	14:59	15:00	15:30			Exp #=86248	Rast=180"x1"	Step=0"	Pitch=-79", Yaw=-753"
BCS	14:54								
FCS									
UVSP	15:26			Wavelength=2788A					
Event # = 10980	DOY=78	Peak	End times	Peak...c/s=55	Qual=00	Tot Cts=113	MaxkeV=102	Step=0"	Pitch=-79", Yaw=-753"
89/03/19,16:26	16:26	16:26:00	16:26:07	Wavelength=2788A	Qual=01	Exp #=86249	Rast=180"x1"	Step=0"	
GOES	16:25:57	16:26:00	16:26:07						
HXRBS	16:25:57								
UVSP	16:00								

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		Ha...Class=SF	N18W41	Qual=03		Flags=DG		dt= 7.7s	XEN=907811		
	HXRBS	17:42:16	17:53:30	17:57:52		Importance=C9	Qual=11			#Peaks=1		Cad=1083s	2.048s/pixel		
	BCS	18:07	18:07	18:11		Peak...c/s=59	Qual= 4			Step=5"		Pitch=3"			
	FCS					CaPeak.c/s=20				Step=3"					
	UVSP	17:48				Wavelength=2788A	Code=00	Exp #=86252							
Event # = 10983		89/03/19,19:39		DOY=78		Peak		End times		MaxkeV=102		Carr. Lon.=73deg		H. Ang=87deg	
Optical	GOES	19:36:11	19:39:04	19:45:01		Code=LPS	S24E90	Qual=00		Rast=243"x243"		Step=3"			
	HXRBS	19:19				Peak...c/s=106	Qual=01								
	UVSP	19:19				Wavelength=2788A		Exp #=86253							
Event # = 10982		89/03/19,19:43		DOY=78		Peak		End times		MaxkeV=187		Carr. Lon.=73deg		H. Ang=87deg	
Optical	GOES	19:14:32	19:17:23	19:28:54		Code=LPS	S24E90	Qual=00		Rast=240"x240"		Step=3"			
	HXRBS	19:16	19:43	19:48		Peak...c/s=339	Qual=01								
	BCS					CaPeak.c/s=732	Qual= 3								
	FCS					Wavelength=2788A		Exp #=86253							
	UVSP	19:19				8800/88 15400/220									
Event # = 10985		89/03/19,21:19		DOY=78		Peak		End times		MaxkeV=144		Carr. Lon.=73deg		H. Ang=87deg	
Optical	GOES	21:04	21:19	21:54		Importance=M2	Qual=03			Rast=110"x200"		Step=5"			
	HXRBS	21:12:38	21:15:22	21:20:25		Peak...c/s=234	Qual=01								
	BCS					Wavelength=1375A	Code=00								
	FCS					Associated									
	UVSP	21:04:25	21:04:57	21:07:06		Peak...c/s=524	Qual=01								
	HXRBS	20:54				Wavelength=1375A		Exp #=86255							
Event # = 22627		89/03/19,22:50		DOY=78		Peak		End times		MaxkeV=231		Carr. Lon.=73deg		H. Ang=87deg	
Optical	GOES	22:46	22:50	23:07		Importance=C9	Qual=00			Rast=110"x200"		Step=5"			
	HXRBS	23:29	23:42	00:05		CaPeak.c/s=30	Qual= 1								
	BCS					Wavelength=1375A									
	FCS														
	UVSP	23:53	23:53	00:26				Exp #=86263							
Event # = 22628		89/03/19,23:42		DOY=78		Peak		End times		MaxkeV=144		Carr. Lon.=73deg		H. Ang=87deg	
Optical	GOES	23:29	23:42	00:05		Importance=C9	Qual=05			Rast=240"x240"		Step=5"			
	HXRBS	23:53	23:53	00:26		CaPeak.c/s=217	Qual= 5								
	BCS					Wavelength=1375A									
	FCS														
	UVSP	23:56						Exp #=86266							

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	CaPeak.c/s=49	Qual=01	FePeak=12:56	FePeak.c/s=16	#Peaks=1	dt= 3.8s	XEN=907903	
BCS	13:01	Wavelength=2788A	Qual= 3	Exp #=86309	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
FCS					Rast=180"x1"	Step=0"	Pitch=-79"	Yaw=-753"	
UVSP	13:09								
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	CaPeak.c/s=313	Qual=05	FePeak=14:44	FePeak.c/s=21	#Peaks=2	dt= 7.7s	XEN=907904	
BCS	14:43	Wavelength=2788A	Qual= 5	Exp #=86311	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
Radio Sweeps		Type/Intensity: III/2			Rast=180"x1"	Step=0"	Pitch=-111"	Yaw=-744"	
Event # = 10989		89/03/20,16:01		DOY=79	Peak	End times			
Optical		SMM Pointing:	N34W80		Pitch=-246"	Yaw=-930"	Roll=-20deg	H.Ang=85deg	
GOES	15:40	Ha...Class=SF	S27E87	AR5417	Mac.=BXO	Carr.Lon.=65deg	H.Ang=84deg		
HXRBS	15:41:52	Importance=M2	Qual=02	Tot Cts=28400	MaxkeV=144	Flags=I,ES			
BCS	15:25	Peak...c/s=199	Qual=03	FePeak=15:50	FePeak.c/s=240	#Peaks=2	dt= 7.7s	XEN=907905	
FCS		CaPeak.c/s=710	Qual= 2	Exp #=86313	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
UVSP	16:16	Wavelength=2788A		Event # = 22634	Rast=180"x1"	Step=0"	Pitch=-111"	Yaw=-744"	
BCS	16:58	CaPeak.c/s=25	Qual= 5	FePeak=17:00	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=907906	
FCS		Associated			Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel	
UVSP	16:50	Wavelength=2788A		Exp #=86314	Rast=180"x1"	Step=0"	Pitch=-111"	Yaw=-744"	
Event # = 10990		89/03/20,19:02		DOY=79	Peak	End times			
Optical		SMM Pointing:	N34W80		Pitch=-246"	Yaw=-930"	Roll=-20deg	H.Ang=85deg	
GOES	18:55:00	Ha...Class=SF	Qual=00		Mac.=BXO	Carr.Lon.=73deg	H.Ang=74deg		
HXRBS	18:56:39	Importance=M3	Qual=01	Tot Cts=1133	MaxkeV=102	Flags=ES			
BCS	18:55	Peak...c/s=57	Qual= 2	FePeak=19:01	FePeak.c/s=24	#Peaks=1	dt= 3.8s	XEN=907907	
FCS		CaPeak.c/s=125	Qual= 2	Exp #=86320	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
UVSP	19:00	Wavelength=1375A			Rast=30"x30"	Step=5"	Pitch=-181"	Yaw=-833"	
Event # = 10991		89/03/20,21:12		DOY=79	Peak	End times			
Optical		SMM Pointing:	N34W80		Pitch=-246"	Yaw=-930"	Roll=-20deg	H.Ang=85deg	
GOES	20:42	Ha...Class=2N	S25E76	AR5417	Mac.=BXO	Carr.Lon.=73deg	H.Ang=74deg		
HXRBS	20:35:19	Importance=M3	Qual=02	Tot Cts=3142	MaxkeV=102	Flags=ES			
BCS	20:56	Peak...c/s=62	Qual=03	Exp #=86329	Rast=30"x30"	Step=5"	Pitch=-181"	Yaw=-843"	
UVSP	20:56	Wavelength=1375A	Code=01						
Radio Sweeps		Type/Intensity: II/2							
Radio Frequency(MHz)/Flux(sfu):		1415/97	2695/53						

Event # = 22635
 89/03/20, 23:59 DOY=79
 Start Peak
 GOES 23:42 23:59 00:00 Qual=00 FePeak=23:59
 BCS CaPeak.c/s=153 FePeak.c/s=26 #Peaks=1 dt= 7.7s XEN=907908
 FCS Wave length=1375A Exp #=86341 Step=15" Cad= 262s 1.024s/pixel
 UVSP Rast=30"x30" Rast=30"x30" Step=5" Pitch=-181", Yaw=-843"

89/03/21 DOY=80
 SMM Pointing: AR5395
 Event # = 10992
 89/03/21, 01:10 DOY=80
 Start Peak
 GOES 00:51 01:10 01:48 Qual=01
 HXRBS 00:56:02 00:56:29 00:57:04 Qual=01 Tot Cts=507
 BCS 00:45 01:11 01:39 Qual=1 FePeak=01:01
 FCS Wave length=1375A Code=00 Exp #=86346
 UVSP MaxkeV=102 #Peaks=1 dt= 7.7s XEN=908000
 FePeak.c/s=92 Step=10" Cad= 332s 1.024s/pixel
 Rast=180"x180" Step=5" Pitch=-171", Yaw=-853"
 Rast=30"x30"

Event # = 10993
 89/03/21, 01:34 DOY=80
 Start Peak
 GOES 01:34:10 01:34:54 01:35:17 Qual=00
 HXRBS Peak...c/s=172 Tot Cts=1288
 UVSP Wavelength=1375A Exp #=86348
 Qual=01
 MaxkeV=144
 Rast=30"x30" Step=5" Pitch=-171", Yaw=-853"

Event # = 10994
 89/03/21, 02:14 DOY=80
 Start Peak
 GOES 02:02 02:14 03:34 Qual=05
 HXRBS 02:16:00 02:32:04 02:47:12 Qual=02 Tot Cts=14050
 BCS 02:18 02:19 03:13 Qual=5 FePeak=02:19
 FCS Wave length=2788A Code=00 Exp #=86351
 UVSP MaxkeV=102 #Peaks=1 dt= 3.8s XEN=908001
 FePeak.c/s=228 Step=15" Cad= 262s 1.024s/pixel
 Rast=240"x240" Step=0" Pitch=-111", Yaw=-744"
 Rast=180"x1"

Event # = 10995
 89/03/21, 03:53 DOY=80
 Start Peak
 GOES 03:51:44 03:52:22 03:52:31 Qual=00
 HXRBS 03:51 03:53 03:58 Qual=01 Tot Cts=185
 BCS Peak...c/s=47 FePeak=03:51
 FCS CaPeak.c/s=19 Qual=5
 UVSP Wavelength=2788A Exp #=86353
 MaxkeV=102 #Peaks=1 dt= 7.7s XEN=908002
 FePeak.c/s=7 Step=15" Cad= 262s 1.024s/pixel
 Rast=180"x1" Step=0" Pitch=-111", Yaw=-744"

Event # = 10996
 89/03/21, 03:56 DOY=80
 Start Peak
 GOES 03:56:12 03:56:25 03:56:53 Qual=00
 HXRBS Peak...c/s=42 Tot Cts=129
 UVSP Wavelength=2788A Exp #=86353
 Qual=01
 MaxkeV=102 #Peaks=1 dt= 7.7s XEN=908002
 FePeak.c/s=7 Step=15" Cad= 262s 1.024s/pixel
 Rast=180"x1" Step=0" Pitch=-111", Yaw=-744"

Event # = 10997	SMM Pointing:			AR5395		
89/03/21 04:05 Start	DOY=80	End times				
Optical	Peak					
GOES			Ha...Class=SF	AR5409	Mac.=DKI	H.Ang=23deg
HXRBS	04:04:06	04:05:09	Peak...c/s=83	Tot Cts=2138	MaxkeV=102	
UVSP	03:42	04:06:31	Wavelength=2788A	Exp #=86353	Rast=180"x1"	
Radio Sweeps	Type/Intensity:		III/2			Pitch=-111", Yaw=-744"
Event # = 10998						
89/03/21 05:41 Start	DOY=80	End times	SMM Pointing:	AR5395		
Optical	Peak					
GOES			Ha...Class=SF	AR5409	Mac.=DKI	H.Ang=23deg
HXRBS	05:40:41	05:41:07	Peak...c/s=183	Tot Cts=2487	MaxkeV=187	
UVSP	05:16	05:41:31	Wavelength=2788A	Exp #=86355	Rast=180"x1"	
Radio Sweeps	Type/Intensity:		III/3 V/2			Pitch=-111", Yaw=-744"
Radio	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 Start	DOY=80	End times	SMM Pointing:	AR5395		
Optical	Peak					
GOES			Ha...Class=SF	AR5409	Mac.=DKI	H.Ang=24deg
HXRBS	09:05	09:12	Importance=C9	Tot Cts=3236	MaxkeV=102	
UVSP	09:06:01	09:07:42	Peak...c/s=87	Exp #=86360	Rast=180"x1"	
Radio Sweeps	Type/Intensity:		Wavelength=2788A			Pitch=-111", Yaw=-744"
Radio	Frequency(MHz)/Flux(sfu):		8800/84 15400/47			
Event # = 11000						
89/03/21 10:10 Start	DOY=80	End times	SMM Pointing:	AR5395		
Optical	Peak					
GOES			Ha...Class=SF			
HXRBS	10:10:18	10:10:37	Peak...c/s=94	Tot Cts=1016	MaxkeV=102	
UVSP	09:55	10:10:55	Wavelength=2788A	Exp #=86361	Rast=180"x1"	
Radio Sweeps	Type/Intensity:		8800/84 15400/47			Pitch=-111", Yaw=-744"
Radio	Frequency(MHz)/Flux(sfu):					
Event # = 11001						
89/03/21 10:27 Start	DOY=80	End times	SMM Pointing:	AR5395		
Optical	Peak					
GOES			Ha...Class=SF	AR5411	Mac.=CAO	H.Ang=18deg
HXRBS	10:26:32	10:27:19	Peak...c/s=50	Tot Cts=318	MaxkeV=102	
UVSP	10:56	10:27:46	Wavelength=2788A	Exp #=86362	Rast=180"x1"	
Radio Sweeps	Type/Intensity:					Pitch=-111", Yaw=-744"
Radio	Frequency(MHz)/Flux(sfu):					
Event # = 11002						
89/03/21 10:58 Start	DOY=80	End times	SMM Pointing:	AR5395		
Optical	Peak					
GOES			Ha...Class=SF	AR5409	Mac.=DKI	H.Ang=23deg
HXRBS	10:54	10:58	Importance=C5	Tot Cts=1127	MaxkeV=102	
UVSP	10:55:33	10:55:59	Peak...c/s=99	Exp #=86362	Rast=180"x1"	
Radio Sweeps	Type/Intensity:		Wavelength=2788A Code=00			Pitch=-111", Yaw=-744"
Radio	Frequency(MHz)/Flux(sfu):					

Event # = 12315													
89/03/21,15:03	DOY=80	SMM Pointing:	S27E69	Pitch=+98" ,Yaw=+888" ,Roll=-20deg	H. Ang=68deg								
	Peak	Ha...Class=IN	N20W03	Mac. =DKI	H. Ang=27deg								
Optical	End times	Importance=C9	Qual=03	Carr. Lon. =142deg									
GOES 14:58	15:09	Peak...c/s=181	Code=01	MaxkeV=144									
HXRBS 14:59:03	15:02:51	Wavelength=2788A		Rast=180"x1"	Pitch=+232" ,Yaw=+1073"								
UVSP 14:35		4995/110 8800/140		Tot Cts=8580									
Radio	Frequency(MHz)/Flux(sfu):			Exp #=86367									
Event # = 11003													
89/03/21,19:29	DOY=80	SMM Pointing:	N16W03	Pitch=-334" ,Yaw=-177" ,Roll=-20deg	H. Ang=23deg								
	Peak	Ha...Class=SF	N19W67	Mac. =CR0	H. Ang=71deg								
Optical	End times	Peak...c/s=109	Qual=00	Carr. Lon. =203deg									
GOES 19:28:50	19:29:55	Wavelength=1375A		MaxkeV=144									
HXRBS 19:30				Rast=150"x150"	Pitch=-380" ,Yaw=-178"								
UVSP 19:30				Tot Cts=1485									
				Exp #=86373									
Event # = 22636													
89/03/21,21:00	DOY=80	SMM Pointing:											
	Peak	Ha...Class=SF	N13W05	Mac. =DKI	H. Ang=21deg								
Optical	End times	CaPeak.c/s=23	Qual=00	Carr. Lon. =137deg									
GOES 20:57	21:10	Wavelength=1375A		FePeak=20:58									
BCS 20:57				dt= 7.7s	XEN=908004								
FCS 21:00				Step=15"	1.024s/pixel								
UVSP 21:00				Step=5"	Pitch=-322" ,Yaw=-178"								
				Exp #=86379									
Event # = 22637													
89/03/22,03:11	DOY=81	SMM Pointing:											
	Peak	Ha...Class=SF	N13W05	Mac. =DKI	H. Ang=21deg								
Optical	End times	CaPeak.c/s=20	Qual=00	Carr. Lon. =137deg									
GOES 03:10	03:15	Wavelength=2788A		FePeak=03:11									
BCS 03:10				dt= 7.7s	XEN=908100								
FCS 03:01				Step=15"	1.024s/pixel								
UVSP 03:01				Step=0"	Pitch=-176" ,Yaw=-56"								
				Exp #=86401									
Event # = 11004													
89/03/22,05:15	DOY=81	SMM Pointing:	N16W08	Pitch=-305" ,Yaw=-255" ,Roll=-20deg	H. Ang=24deg								
	Peak	Ha...Class=SF	N17W08	Mac. =DKI	H. Ang=25deg								
Optical	End times	Importance=C6	Qual=01	Carr. Lon. =139deg									
GOES 05:11	05:31	Peak...c/s=295	Qual=01	MaxkeV=187									
HXRBS 05:12:01	05:15:26	CaPeak.c/s=235		FePeak.c/s=63									
BCS 05:11	05:14	Wavelength=2788A		Rast=240"x240"	Pitch=-168" ,Yaw=-77"								
FCS 05:33		2695/24 4995/310 8800/320		Step=15"	1.024s/pixel								
UVSP 05:33				Step=0"	Pitch=-176" ,Yaw=-56"								
Radio	Frequency(MHz)/Flux(sfu):			Exp #=86404									
				15400/150									
Event # = 11005													
89/03/22,07:07	DOY=81	SMM Pointing:	N16W09	Pitch=-300" ,Yaw=-268" ,Roll=-20deg	H. Ang=25deg								
	Peak	Peak...c/s=44	Qual=06	MaxkeV=102									
Optical	End times	CaPeak.c/s=47	Qual=01	FePeak.c/s=14									
GOES 06:51:33	06:52:05	Wavelength=2788A		Rast=240"x240"	Pitch=-163" ,Yaw=-90"								
HXRBS 06:44	07:10			Step=15"	1.024s/pixel								
BCS 06:44				Step=0"	Pitch=-163" ,Yaw=-90"								
FCS 07:07				Exp #=86406									
UVSP 07:07													

89/03/22 DOY=81

Event # = 22638		DOY=81																			
89/03/22, 08:22		Start		End times																	
GOES	08:18	08:22	08:27	08:27		CaPeak.c/s=35	Qual=01	FePeak=08:22		dt= 7.7s	XEN=908103										
BCS						WaveLength=2788A	Qual= 1	Exp #=86408		Rast=240"x240"	Cad= 262s	1.024s/pixel									
FCS						III/2				Rast=180"x1"	Pitch=0"										
UVSP	08:41																				
Radio Sweeps			Type/Intensity:																		
Event # = 11006		DOY=81																			
89/03/22, 08:43		Start		End times		SMM Pointing:															
GOES	08:40	08:43	09:01	08:43		Importance=C3	Qual=03			MaxkeV=102											
HXRBS	08:41:30	08:42:16	08:42:23	08:42:16		Peak...c/s=65	Qual=01	Tot Cts=731		FePeak.c/s=20											
BCS	08:42	08:43	08:45	08:43		CaPeak.c/s=64	Qual= 1	FePeak=08:43		Rast=240"x240"	Cad= 262s	1.024s/pixel									
FCS										Rast=180"x1"	Pitch=0"										
UVSP	08:41					WaveLength=2788A	Code=00	Exp #=86408													
Radio			Frequency(MHz)/Flux(sfu):																		
Event # = 11007		DOY=81																			
89/03/22, 10:16		Start		End times		SMM Pointing:															
Optical						Ha...Class=1N	N16W11			Pitch=-290"	Yaw=-293"	Roll=-20deg	H.Ang=25deg								
Optical						Ha...Class=SF	N18W06	AR5409		Mac.=DKI											
GOES	10:11:10	10:11:53	10:12:13	10:11:53		Peak...c/s=56	Qual=02	Tot Cts=408		MaxkeV=102											
HXRBS	09:23	10:16	10:18	10:16		CaPeak.c/s=331	Qual= 2	FePeak=10:16		FePeak.c/s=46											
BCS										Rast=240"x240"	Cad= 262s	1.024s/pixel									
FCS										Rast=180"x1"	Pitch=0"										
UVSP	10:13					WaveLength=2788A		Exp #=86410													
Radio			Frequency(MHz)/Flux(sfu):																		
Event # = 11008		DOY=81																			
89/03/22, 11:15		Start		End times		SMM Pointing:															
Optical						Ha...Class=SN	N16W12			Pitch=-285"	Yaw=-306"	Roll=-20deg	H.Ang=26deg								
Optical						Importance=M1	N17W12	AR5409		Mac.=DKI											
GOES	11:12	11:15	11:53	11:15		Peak...c/s=162	Qual=01	Tot Cts=4911		MaxkeV=144											
HXRBS	11:11:58	11:14:18	11:15:41	11:15:41		CaPeak.c/s=355	Qual= 1	FePeak=11:15		FePeak.c/s=65											
BCS	10:56	11:15	11:50	11:15						Rast=240"x240"	Cad= 262s	1.024s/pixel									
FCS										Rast=180"x1"	Pitch=0"										
UVSP	10:47					WaveLength=2788A		Exp #=86411													
BCS	12:29	12:30	12:40	12:30		CaPeak.c/s=22	Associated	Event # = 22639		FePeak.c/s=11											
FCS							Qual= 5	FePeak=12:32		Rast=240"x240"	Cad= 262s	1.024s/pixel									
UVSP	12:21					WaveLength=2788A		Exp #=86413		Rast=180"x1"	Pitch=0"										
Radio			Frequency(MHz)/Flux(sfu):																		
Event # = 12320		DOY=81																			
89/03/22, 17:22		Start		End times		SMM Pointing:															
Optical						Ha...Class=SF	S07E06			Pitch=-3"	Yaw=+101"	Roll=0deg	H.Ang=6deg								
Optical						Importance=C4	N20W18	AR5409		Mac.=DKI											
GOES	17:08	17:22	17:28	17:22		Peak...c/s=48	Qual=03	Tot Cts=506		MaxkeV=102											
HXRBS	17:09:15	17:10:17	17:10:47	17:10:47		WaveLength=2788A	Code=00	Exp #=86418		Rast=180"x255"	Pitch=1"										
UVSP	17:17									MaxkeV=102											
Radio			Frequency(MHz)/Flux(sfu):																		
GOES	17:19:39	17:19:51	17:20:28	17:19:51		Peak...c/s=48	Associated	Event # = 11009		MaxkeV=102											
HXRBS	17:19:39	17:19:51	17:20:28	17:19:51		Peak...c/s=48	Associated	Event # = 11010		MaxkeV=102											
BCS	17:22:50	17:22:52	17:23:35	17:22:52		Peak...c/s=44	Associated	Event # = 11010		MaxkeV=102											
FCS										MaxkeV=102											
UVSP	17:22:50	17:22:52	17:23:35	17:22:52		Peak...c/s=44	Associated	Event # = 11010		MaxkeV=102											
Radio			Frequency(MHz)/Flux(sfu):																		

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	
FCS	05:40			Qual= 4	
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 14:19 14:16 End times
BCS 14:12 14:12
FCS
UVSP 14:11
Ha...Class=IN N12W27 AR5409 Carr. Lon.=140deg H. Ang=33deg
Importance=M1 Qual=05
CaPeak.c/s=236 Qual=5 FePeak=14:12 #Peaks=1 dt= 3.8s XEN=908204
Wave length=2788A Code=02 Exp #=86442 Rast=240"x240" Cad= 262s 1.024s/pixel
Rast=180"x1" Pitch=-63", Yaw=-331" Mac.=EKI

Event # = 22644
89/03/23, 16:28 DOY=82
Start Peak
GOES 16:27 16:28 16:38 End times
BCS 16:27 16:28 16:38
FCS
UVSP 16:32
CaPeak.c/s=24 Qual=05 FePeak=16:29 #Peaks=1 dt= 7.7s XEN=908205
Wave length=2788A Qual=5 Exp #=86445 Rast=240"x240" Cad= 590s 1.024s/pixel
Rast=15"x15" Pitch=-183", Yaw=-520" Mac.=EKI

Event # = 11015
89/03/23, 19:59 DOY=82
Start Peak
Optical
GOES 19:21 19:59 22:15 End times
HXRBS 19:30:09 19:40:31 20:09:45
GRS 19:36:00 19:48:00
BCS 19:33 19:55 20:09
FCS
UVSP 19:52
Radio Sweeps Type/Intensity:
Radio Frequency(MHz)/Flux(sfu): 245/180 410/210 1415/1800 2695/1600 4995/2700 8800/2500 15400/1100
SMM Pointing: N16W30
Ha...Class=3B N18W28 AR5409 Carr. Lon.=138deg H. Ang=37deg
Importance=X2 Qual=03
Peak...c/s=3318 Qual=04 Tot Cts=1.40E+6 MaxkeV=630 Flags=M5, SN, ES
CaPeak.c/s=5772 Qual=1 FePeak=19:52 Dur=720sec
Wave length=1375A Code=00 Exp #=86460 XEN=908206
II/3 IV/3 Rast=0"x0" Cad=1.02s 1.024s/pixel
Frequency(MHz)/Flux(sfu): 245/180 410/210 1415/1800 2695/1600 4995/2700 8800/2500 15400/1100 Rast=10"x10" Pitch=-260", Yaw=-585" Mac.=EKI

Event # = 11016
89/03/23, 21:27 DOY=82
Start Peak
Optical
Optical
GOES 21:03:36 21:09:49 21:48:39 End times
HXRBS 21:07 21:27 21:48
BCS
FCS
UVSP 21:27
Radio Frequency(MHz)/Flux(sfu): 245/180 410/210 1415/1800 2695/1600 4995/2700 8800/2500 15400/1100
SMM Pointing: N16W31
Ha...Class=IN N15W28 AR5411 Carr. Lon.=137deg H. Ang=35deg
Ha...Class=SB N15W32 AR5409 Carr. Lon.=141deg H. Ang=39deg
Peak...c/s=1690 Qual=00 Tot Cts=87764 Flags=M5, SN, EN
CaPeak.c/s=1317 Qual=1 FePeak=21:26 #Peaks=2 dt= 7.7s XEN=908207
Wave length=1375A Code=00 Exp #=86469 Rast=180"x180" Cad= 332s 1.024s/pixel
Frequency(MHz)/Flux(sfu): 245/17900 606/130 1415/89 Rast=10"x10" Pitch=-140", Yaw=-521" Mac.=DAO

Event # = 22645
89/03/23, 22:42 DOY=82
Start Peak
GOES 22:40 22:42 23:27 End times
BCS 22:40 22:42 23:27
FCS
UVSP 22:43
Radio Sweeps Type/Intensity:
Radio Frequency(MHz)/Flux(sfu): 245/180 410/210 1415/1800 2695/1600 4995/2700 8800/2500 15400/1100
SMM Pointing: N16W31
Ha...Class=IN N15W28 AR5411 Carr. Lon.=137deg H. Ang=35deg
Ha...Class=SB N15W32 AR5409 Carr. Lon.=141deg H. Ang=39deg
Peak...c/s=1690 Qual=00 Tot Cts=87764 Flags=M5, SN, EN
CaPeak.c/s=1317 Qual=1 FePeak=21:26 #Peaks=2 dt= 7.7s XEN=908207
Wave length=1375A Code=00 Exp #=86469 Rast=180"x180" Cad= 332s 1.024s/pixel
Frequency(MHz)/Flux(sfu): 245/17900 606/130 1415/89 Rast=10"x10" Pitch=-140", Yaw=-521" Mac.=DAO

Event # = 22646
89/03/23, 22:42 DOY=82
Start Peak
GOES 22:40 22:42 23:27 End times
BCS 22:40 22:42 23:27
FCS
UVSP 22:43
Radio Sweeps Type/Intensity:
Radio Frequency(MHz)/Flux(sfu): 245/180 410/210 1415/1800 2695/1600 4995/2700 8800/2500 15400/1100
SMM Pointing: N16W31
Ha...Class=IN N15W28 AR5411 Carr. Lon.=137deg H. Ang=35deg
Ha...Class=SB N15W32 AR5409 Carr. Lon.=141deg H. Ang=39deg
Peak...c/s=1690 Qual=00 Tot Cts=87764 Flags=M5, SN, EN
CaPeak.c/s=1317 Qual=1 FePeak=21:26 #Peaks=2 dt= 7.7s XEN=908207
Wave length=1375A Code=00 Exp #=86469 Rast=180"x180" Cad= 332s 1.024s/pixel
Frequency(MHz)/Flux(sfu): 245/17900 606/130 1415/89 Rast=10"x10" Pitch=-140", Yaw=-521" Mac.=DAO

Event # = 22647
89/03/23, 22:42 DOY=82
Start Peak
GOES 22:40 22:42 23:27 End times
BCS 22:40 22:42 23:27
FCS
UVSP 22:43
Radio Sweeps Type/Intensity:
Radio Frequency(MHz)/Flux(sfu): 245/180 410/210 1415/1800 2695/1600 4995/2700 8800/2500 15400/1100
SMM Pointing: N16W31
Ha...Class=IN N15W28 AR5411 Carr. Lon.=137deg H. Ang=35deg
Ha...Class=SB N15W32 AR5409 Carr. Lon.=141deg H. Ang=39deg
Peak...c/s=1690 Qual=00 Tot Cts=87764 Flags=M5, SN, EN
CaPeak.c/s=1317 Qual=1 FePeak=21:26 #Peaks=2 dt= 7.7s XEN=908207
Wave length=1375A Code=00 Exp #=86469 Rast=180"x180" Cad= 332s 1.024s/pixel
Frequency(MHz)/Flux(sfu): 245/17900 606/130 1415/89 Rast=10"x10" Pitch=-140", Yaw=-521" Mac.=DAO

89/03/24 DOY=83

Event # = 11017
 89/03/24, 02:31 DOY=83
 Optical Start End times
 SMM Pointing: N16W33 H. Ang=40deg
 Ha...Class=SF AR5409 Carr. Lon.=137deg
 MaxkeV=102
 FePeak.c/s=15 dt= 3.8s XEN=908300
 CaPeak.c/s=60 Rast=0"x0" Cad=1.02s 1.024s/pixel
 Wavelength=2788A Step=0" Pitch=-24", Yaw=-418"
 Frequency(MHz)/Flux(sfu): 606/3 Exp #=86479

Event # = 11018
 89/03/24, 03:32 DOY=83
 Optical Start End times
 SMM Pointing: N16W34 H. Ang=41deg
 Ha...Class=SF AR5409 Carr. Lon.=137deg
 Peak...c/s=78
 Wavelength=2788A
 Frequency(MHz)/Flux(sfu): 606/210

Event # = 11019
 89/03/24, 05:26 DOY=83
 Optical Start End times
 SMM Pointing: N16W35 H. Ang=41deg
 Ha...Class=SF
 Peak...c/s=54
 Wavelength=2788A
 Frequency(MHz)/Flux(sfu): 606/210

Event # = 22646
 89/03/24, 12:39 DOY=83
 Optical Start End times
 Ha...Class=SF AR5409 Carr. Lon.=141deg
 CaPeak.c/s=28 FePeak=12:40
 Wavelength=2788A Exp #=86492

Event # = 22647
 89/03/24, 14:27 DOY=83
 Optical Start End times
 Ha...Class=IF AR5409 Carr. Lon.=129deg
 CaPeak.c/s=50 FePeak=14:25
 Wavelength=2788A Exp #=86494

Event # = 22648
 89/03/24, 16:08 DOY=83
 Optical Start End times
 Ha...Class=SF AR5411 Carr. Lon.=127deg
 CaPeak.c/s=66 FePeak=16:05
 Wavelength=2788A Exp #=86497

BCS	17:19	17:19	17:44	Associated	Event # = 22649	FePeak=17:19	dt= 7.7s	XEN=908304
FCS				Qual= 5	FePeak=17:19	Step=5"	Cad=1083s	2.048s/pixel
UVSP	17:23			Wavelength=2788A	Exp #=86498	Rast=15"x15"	Pitch=3"	Pitch=-147", Yaw=-689"
Event # = 11020								
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	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		Dur=240sec
FCS				Wavelength=1375A	Code=02	Exp #=86510		XEN=908305
UVSP	20:31			II/3 IV/3				1.024s/pixel
Radio Sweeps		Type/Intensity:		245/2500 410/700 606/150 1415/160 2695/230 4995/440 8800/420 15400/260				
Radio Frequency(MHz)/Flux(sfu):				Associated	Event # = 11021			
HXRBS	20:46:19	20:47:42	20:49:20	Peak...c/s=37	Qual=01	MaxkeV=102		
UVSP	20:44			Wavelength=1375A		Rast=10"x10"	Step=0"	Pitch=-60", Yaw=-696"
Event # = 11022								
89/03/24, 20:51	Start	DOY=83	Peak	SMM Pointing:	N18W43	Pitch=-149", Yaw=-713", Roll=-20deg	H. Ang=49deg	
Optical				Qual=00				
GOES	20:49:47	20:51:57	20:54:48	Peak...c/s=69	Qual=01	MaxkeV=102		
HXRBS	20:49:47	20:51:57	20:54:48	Wavelength=1375A		Rast=10"x10"	Step=0"	Pitch=-60", Yaw=-696"
UVSP	20:44							
Event # = 22650								
89/03/24, 22:44	Start	DOY=83	Peak	SMM Pointing:	N24W40	Mac.=EKI	Carr. Lon.=135deg	H. Ang=50deg
Optical				Importance=C3	Qual=03	FePeak.c/s=10	dt= 3.8s	XEN=908306
GOES	22:39	22:44	22:48	CaPeak.c/s=49	Qual= 2	Rast=240"x240"	Step=15"	Cad= 262s
BCS	22:39	22:42	22:43			Rast=10"x10"	Step=0"	Pitch=-155", Yaw=-785"
FCS								
UVSP	22:32			Wavelength=1375A	Code=00	Exp #=86524		
Radio Sweeps		Type/Intensity:		III/2				
Event # = 11023								
89/03/25, 02:45	Start	DOY=84	Peak	SMM Pointing:	N18W46	Pitch=-131", Yaw=-746", Roll=-20deg	H. Ang=52deg	
Optical				Importance=C2	Qual=01	MaxkeV=187		
GOES	02:42	02:45	02:50	Peak...c/s=69	Qual=01	FePeak.c/s=11	dt= 7.7s	XEN=908400
HXRBS	02:42:34	02:42:47	02:43:01	CaPeak.c/s=42	Qual= 1	Rast=0"x0"	Step=0"	Cad=1.02s
BCS	02:43	02:44	02:51			Rast=180"x1"	Step=0"	Pitch=+6", Yaw=-568"
FCS								
UVSP	02:30			Wavelength=2788A	Code=00	Exp #=86531		
Event # = 11024								
89/03/25, 07:49	Start	DOY=84	Peak	SMM Pointing:	N18W49	Pitch=-115", Yaw=-778", Roll=-20deg	H. Ang=55deg	
Optical				Ha...Class=SF	Qual=06	Mac.=EKI	Carr. Lon.=142deg	H. Ang=56deg
GOES	07:49:06	07:49:19	07:49:48	Peak...c/s=43	Qual=01	MaxkeV=102		
HXRBS	07:49:06	07:49:19	07:49:48	Wavelength=2788A		Rast=180"x1"	Step=0"	Pitch=+21", Yaw=-597"
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"	Pitch=5"
BGS	19:44	19:52	Wavelength=1375A	Exp #=86552	
FCS	19:46				
UVSP	19:46				
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"	Pitch=0"
BGS	21:42	21:47	Wavelength=1375A	Exp #=86565	
FCS	21:42	21:47			
UVSP	21:35				
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"	Pitch=5"
BGS	22:58	23:01	Wavelength=1375A	Exp #=86571	
FCS	22:54				
UVSP	22:54				
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	Step=0"
GOES	00:49	00:58	Qual=01	Rast=180"x1"	Pitch=+66", Yaw=-676"
HXRBS	00:50:19	00:50:50	Peak...c/s=58	Tot Cts=631	
UVSP	01:47	00:51:19	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	Step=0"
GOES	02:38:03	02:38:29	Qual=01	Rast=180"x1"	Pitch=+68", Yaw=-679"
HXRBS	02:38:03	02:38:29	Peak...c/s=55	Tot Cts=520	
UVSP	02:44	02:39:06	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	Step=0"
GOES	03:41:30	03:41:46	Qual=01	Rast=180"x1"	Pitch=+70", Yaw=-682"
HXRBS	03:41:30	03:42:14	Peak...c/s=114	Tot Cts=695	
UVSP	03:22		Wavelength=2788A	Exp #=86576	
Radio			Frequency(MHz)/Flux(sfu):	245/380	410/200

Event # = 11029			
89/03/26, 09:00	DOY=85	Peak	
Optical	Start	End times	SMM Pointing:
			N18W63
GOES	08:54	09:00	Ha...Class=SF
HXRBS	08:55:33	08:56:17	Importance=C2
BCS	08:56	08:57:12	Peak...c/s=143
FCS		09:03	CaPeak.c/s=60
UVSP	08:56		Wavelength=2788A
			Code=00
		Exp #=86583	
Event # = 22654			
89/03/26, 12:08	DOY=85	Peak	
Optical	Start	End times	
			Qual=00
GOES	12:06	12:09	CaPeak.c/s=28
BCS			Qual=1
FCS			FePeak=12:07
UVSP	12:03		Wavelength=2788A
		Exp #=86587	
Event # = 22655			
89/03/26, 13:13	DOY=85	Peak	
Optical	Start	End times	
			N11W66
GOES	12:52	13:25	Ha...Class=2N
BCS	12:49	13:42	Importance=M7
FCS			CaPeak.c/s=231
UVSP	13:37		Wavelength=2788A
		Exp #=86589	
Event # = 22656			
89/03/26, 14:31	DOY=85	Peak	
Optical	Start	End times	
			Qual=05
GOES	14:21	15:16	Ha...Class=1F
BCS			CaPeak.c/s=154
FCS			Qual=4
UVSP	14:13		Wavelength=2788A
		Exp #=86590	
Event # = 11030			
89/03/27, 03:17	DOY=86	Peak	89/03/27 DOY=86
Optical	Start	End times	SMM Pointing:
			N18W72
GOES	03:11	03:36	Ha...Class=1F
HXRBS	03:11:50	03:16:01	Importance=M4
BCS		03:18:53	Peak...c/s=311
FCS			Qual=01
UVSP	03:35		Wavelength=2788A
		Exp #=86627	
Event # = 22657			
89/03/27, 07:28	DOY=86	Peak	
Optical	Start	End times	
			Qual=06
GOES	07:27	07:31	CaPeak.c/s=27
BCS			Qual=4
FCS			FePeak=07:27
UVSP	07:15		Wavelength=2788A
		Exp #=86632	
Event # = 11029			
89/03/26, 09:00	DOY=85	Peak	
Optical	Start	End times	SMM Pointing:
			N18W63
GOES	08:54	09:00	Ha...Class=SF
HXRBS	08:55:33	08:56:17	Importance=C2
BCS	08:56	08:57:12	Peak...c/s=143
FCS		09:03	CaPeak.c/s=60
UVSP	08:56		Wavelength=2788A
			Code=00
		Exp #=86583	
Event # = 22654			
89/03/26, 12:08	DOY=85	Peak	
Optical	Start	End times	
			Qual=00
GOES	12:06	12:09	CaPeak.c/s=28
BCS			Qual=1
FCS			FePeak=12:07
UVSP	12:03		Wavelength=2788A
		Exp #=86587	
Event # = 22655			
89/03/26, 13:13	DOY=85	Peak	
Optical	Start	End times	
			N11W66
GOES	12:52	13:25	Ha...Class=2N
BCS	12:49	13:42	Importance=M7
FCS			CaPeak.c/s=231
UVSP	13:37		Wavelength=2788A
		Exp #=86589	
Event # = 22656			
89/03/26, 14:31	DOY=85	Peak	
Optical	Start	End times	
			Qual=05
GOES	14:21	15:16	Ha...Class=1F
BCS			CaPeak.c/s=154
FCS			Qual=4
UVSP	14:13		Wavelength=2788A
		Exp #=86590	
Event # = 11030			
89/03/27, 03:17	DOY=86	Peak	89/03/27 DOY=86
Optical	Start	End times	SMM Pointing:
			N18W72
GOES	03:11	03:36	Ha...Class=1F
HXRBS	03:11:50	03:16:01	Importance=M4
BCS		03:18:53	Peak...c/s=311
FCS			Qual=01
UVSP	03:35		Wavelength=2788A
		Exp #=86627	
Event # = 22657			
89/03/27, 07:28	DOY=86	Peak	
Optical	Start	End times	
			Qual=06
GOES	07:27	07:31	CaPeak.c/s=27
BCS			Qual=4
FCS			FePeak=07:27
UVSP	07:15		Wavelength=2788A
		Exp #=86632	

Event # = 11032
 89/03/27, 11:22 DOY=86 Pitch=-8", Yaw=-943", Roll=-20deg H. Ang=78deg
 Start Peak Carr. Lon.=139deg H. Ang=79deg
 Optical N18W75
 GOES 11:18 11:22 11:24 11:24 11:24 Ha...Class=SF N12W77
 HXRBS 11:19:40 11:19:58 11:20:36 11:20:36 11:20:36 Importance=C2 Qual=01
 BCS 11:18 11:21 11:27 11:27 11:27 Peak...c/s=91 Qual=01
 FCS CaPeak.c/s=44 Qual=1
 UVSP 11:20 Wavelength=2788A Code=00 Exp #=86637
 Radio Frequency(MHz)/Flux(sfu): 245/620 410/610
 HXRBS 11:17:09 11:17:16 11:17:25 11:17:25 11:17:25 Peak...c/s=48
 Associated Event # = 11031
 Qual=01 Tot Cts=99 MaxkeV=102

Event # = 11690
 89/03/27, 12:12 DOY=86 Pitch=-8", Yaw=-943", Roll=-20deg H. Ang=78deg
 Start Peak Carr. Lon.=139deg H. Ang=80deg
 Optical N18W75
 GOES 12:08:34 12:09:19 12:11:04 12:11:04 12:11:04 Ha...Class=SF N12W78
 HXRBS 12:04 12:12 12:49 12:49 12:49 Peak...c/s=56 Qual=01
 BCS 12:04 12:12 12:49 12:49 12:49 CaPeak.c/s=50 Qual=1
 FCS Wavelength=2788A Code=00 Exp #=86638
 UVSP 11:55 Frequency(MHz)/Flux(sfu): 245/600 410/330
 Radio Qual=05 FePeak=16:45 Exp #=86644

Event # = 22658
 89/03/27, 16:44 DOY=86 FePeak.c/s=12 dt= 3.8s XEN=908603
 Start Peak Carr. Lon.=140deg H. Ang=85deg
 Optical N15W83
 GOES 16:43 16:44 17:40 17:40 17:40 Ha...Class=SF Qual=05
 HXRBS 16:43 16:44 17:40 17:40 17:40 Importance=C5 Qual=05
 BCS 16:43 16:44 17:40 17:40 17:40 CaPeak.c/s=81 Qual=1
 FCS Wavelength=2788A Code=02 Exp #=86647
 UVSP 16:34 Frequency(MHz)/Flux(sfu): 245/600 410/330
 Radio FePeak.c/s=12 dt= 3.8s XEN=908604
 Rast=240"x240" Cad= 262s 1.024s/pixel
 Rast=180"x1" Pitch=+140", Yaw=-770"

Event # = 22659
 89/03/27, 19:47 DOY=86 FePeak.c/s=18 dt= 3.8s XEN=908605
 Start Peak Carr. Lon.=140deg H. Ang=85deg
 Optical N15W83
 GOES 19:41 19:47 19:50 19:50 19:50 Ha...Class=SF Qual=05
 HXRBS 19:49 19:52 20:03 20:03 20:03 Importance=C5 Qual=05
 BCS 19:49 19:52 20:03 20:03 20:03 CaPeak.c/s=78 Qual=1
 FCS Wavelength=1375A Code=02 Exp #=86666
 UVSP 19:51 Frequency(MHz)/Flux(sfu): 245/600 410/330
 Radio FePeak.c/s=12 dt= 3.8s XEN=908605
 Rast=70"x70" Cad=3840s 3840s/pixel
 Rast=265"x265" Pitch=+18", Yaw=-945"

Event # = 22660
 89/03/27, 23:07 DOY=86 FePeak.c/s=12 dt= 3.8s XEN=908605
 Start Peak Carr. Lon.=140deg H. Ang=85deg
 Optical N15W83
 GOES 23:03 23:07 23:16 23:16 23:16 Ha...Class=SF Qual=01
 HXRBS 23:03 23:07 23:16 23:16 23:16 Importance=C5 Qual=01
 BCS 23:03 23:07 23:16 23:16 23:16 CaPeak.c/s=71 Qual=1
 FCS Wavelength=1375A Code=02 Exp #=86666
 UVSP 23:00 Frequency(MHz)/Flux(sfu): 245/600 410/330
 Radio FePeak.c/s=12 dt= 3.8s XEN=908605
 Rast=70"x70" Cad=3840s 3840s/pixel
 Rast=265"x265" Pitch=+18", Yaw=-945"

Event # = 11033
 89/03/27, 23:17 DOY=86 Pitch=+377", Yaw=-58", Roll=-20deg H. Ang=23deg
 Start Peak Carr. Lon.=139deg H. Ang=23deg
 Optical N18W75
 GOES 23:17:10 23:17:41 23:18:15 23:18:15 23:18:15 Ha...Class=SF Qual=00
 HXRBS 23:17:10 23:17:41 23:18:15 23:18:15 23:18:15 Peak...c/s=56 Qual=01
 UVSP 23:00 Wavelength=1375A Code=02 Exp #=86666
 Radio MaxkeV=102 Tot Cts=480
 Rast=70"x70" Pitch=+387", Yaw=-102" Exp #=86666

89/03/28 DOY=87

Event # = 22661
 89/03/28,00:43 DOY=87
 Start Peak End times
 GOES 00:41 00:43 00:48 Qual=00 FePeak=00:42
 BCS 00:41 00:43 00:48 CaPeak.c/s=36 FePeak=00:42
 FCS 00:41 00:43 00:48 Wavelength=1375A Exp #=86668
 UVSP 00:34 00:43 00:48 dt= 7.7s XEN=908700
 #Peaks=1 XEN=908700
 Step=0" Cad=3840s 3840s/pixel
 Step=5" Pitch=+316",Yaw=-88"

Event # = 22662
 89/03/28,01:00 DOY=87
 Start Peak End times
 GOES 01:00 01:00 01:03 Qual=01 FePeak=00:59
 BCS 00:56 00:59 01:07 Importance=C4
 FCS 00:56 00:59 01:07 CaPeak.c/s=174
 UVSP 00:34 00:59 01:07 Wavelength=1375A Code=00 Exp #=86668
 dt= 3.8s XEN=908701
 #Peaks=1 XEN=908701
 Step=0" Cad=3840s 3840s/pixel
 Step=5" Pitch=+316",Yaw=-88"

Event # = 11034
 89/03/28,02:35 DOY=87
 Start Peak End times
 Optical S27W14
 GOES 02:30 02:35 02:37 N17W85 H.Ang=24deg
 HXRBS 02:30:23 02:33:48 02:34:06 Carr. Lon.=138deg H.Ang=87deg
 UVSP 02:52 02:35 02:37 Peak...c/s=64
 Radio Sweeps Wavelength=2788A Tot Cts=1431
 Type/Intensity: III/3 Exp #=86670
 Step=0" Pitch=+268",Yaw=+99"

Event # = 11035
 89/03/28,07:16 DOY=87
 Start Peak End times
 GOES 07:16:14 07:16:23 07:16:34 S27W16 H.Ang=26deg
 HXRBS 07:16:14 07:16:23 07:16:34 Peak...c/s=58
 UVSP 07:32 07:16:14 07:16:23 Wavelength=2788A Exp #=86676
 Step=0" Pitch=+281",Yaw=+66"

Event # = 11036
 89/03/28,10:37 DOY=87
 Start Peak End times
 GOES 10:16 10:37 10:53 S27W18 H.Ang=27deg
 HXRBS 10:27:20 10:31:26 10:44:09 Importance=M4
 UVSP 10:38 10:37 10:44:09 Peak...c/s=599
 Radio Sweeps Wavelength=2788A Code=02 Tot Cts=1.08E+5
 Type/Intensity: V/2 Exp #=86680
 Step=0" Pitch=+290",Yaw=+44"

Event # = 11691
 89/03/28,15:16 DOY=87
 Start Peak End times
 GOES 15:16:33 15:16:35 15:20:37 S27W21 H.Ang=28deg
 HXRBS 15:16:33 15:16:35 15:20:37 Peak...c/s=82
 UVSP 15:17 15:16:33 15:20:37 Wavelength=2788A Exp #=86686
 Step=0" Pitch=+304",Yaw=+12"

Event # = 11037
 89/03/28,16:53 DOY=87
 Start Peak End times
 GOES 16:53:19 16:53:32 16:55:05 S27W21 H.Ang=29deg
 HXRBS 16:53:19 16:53:32 16:55:05 Peak...c/s=55
 UVSP 16:51 16:53:19 16:55:05 Wavelength=2788A Tot Cts=1062
 Exp #=86688
 Step=0" Pitch=+308",Yaw=+1"

Event # = 11038	DOY=87	Peak	SMM Pointing:	S27W23	Pitch=+436", Yaw=-200", Roll=-20deg	H. Ang=30deg
89/03/28, 19:49	Start	End times	Ha...Class=1N	N17W88	Mac.=HAX	Carr. Lon.=132deg
Optical			Ha...Class=SF	S19W09		H. Ang=90deg
Optical			Importance=M2	Qual=02	Flags=M5, ES	H. Ang=15deg
GOES	19:25	21:32	Peak...c/s=146	Qual=03	Step=0"	Pitch=+416", Yaw=-197"
HXRBS	19:24:53	19:40:02	Wavelength=1375A	Code=00	Rast=10"x10"	
UVSP	19:39		Frequency(MHz)/Flux(sfu):	2695/60		
Radio						
Event # = 11040	DOY=87	Peak	SMM Pointing:	S27W24	Pitch=+440", Yaw=-210", Roll=-20deg	H. Ang=30deg
89/03/28, 21:17	Start	End times	Qual=00			
GOES	21:16:52	21:17:31	Peak...c/s=45	Qual=03	MaxkeV=102	Flags=ES
HXRBS	21:16:52	21:18:47	Wavelength=1375A		Rast=10"x10"	Step=0"
UVSP	21:11					Pitch=+470", Yaw=-278"
Event # = 11039	DOY=87	Peak	SMM Pointing:	S27W25	Pitch=+445", Yaw=-220", Roll=-20deg	H. Ang=31deg
89/03/28, 22:53	Start	End times	Qual=00			
GOES	22:52:48	22:53:03	Peak...c/s=68	Qual=01	MaxkeV=102	Step=0"
HXRBS	22:52:48	22:53:15	Wavelength=1375A		Rast=10"x10"	Pitch=+405", Yaw=-258"
UVSP	22:45					
Event # = 11041	DOY=88	Peak	SMM Pointing:	S27W35	Pitch=+498", Yaw=-341", Roll=-20deg	H. Ang=39deg
89/03/29, 17:48	Start	End times	Ha...Class=SF	S23E90	Mac.=DKI	Carr. Lon.=302deg
Optical			Importance=C4	Qual=06		H. Ang=87deg
GOES	17:42	17:51	Peak...c/s=117	Qual=04	MaxkeV=102	Flags=SA, ES
HXRBS	17:44:53	17:46:25	Wavelength=2788A	Code=00	Rast=180"x1"	Step=0"
UVSP	17:42					Pitch=+378", Yaw=-158"
Event # = 11042	DOY=89	Peak	SMM Pointing:	S18E88	Pitch=-36", Yaw=+960", Roll=-20deg	H. Ang=86deg
89/03/30, 03:52	Start	End times	Ha...Class=SN	S26E82	Mac.=DKI	Carr. Lon.=304deg
Optical			Importance=C2	Qual=01		H. Ang=80deg
GOES	03:47	03:54	Peak...c/s=44	Qual=01	MaxkeV=102	Pitch=-56", Yaw=+931"
HXRBS	03:49:50	03:50:40	Wavelength=1375A	Code=00	Rast=30"x30"	Step=5"
UVSP	03:48					
Event # = 11043	DOY=89	Peak	SMM Pointing:	S18E88	Pitch=-36", Yaw=+960", Roll=-20deg	H. Ang=86deg
89/03/30, 04:00	Start	End times	Importance=C2	Qual=01		
GOES	03:56	04:02	Peak...c/s=41	Qual=01	MaxkeV=102	Pitch=-56", Yaw=+931"
HXRBS	03:56:31	03:57:22	Wavelength=1375A	Code=00	Rast=30"x30"	Step=5"
UVSP	03:48					
Event # = 11044	DOY=89	Peak	SMM Pointing:	S18E88	Pitch=-36", Yaw=+960", Roll=-20deg	H. Ang=86deg
89/03/30, 04:19	Start	End times	Qual=00			
GOES	04:19:07	04:19:41	Peak...c/s=87	Qual=01	MaxkeV=144	Pitch=-46", Yaw=+931"
HXRBS	04:19:07	04:20:24	Wavelength=1375A		Rast=30"x30"	Step=5"
UVSP	04:12					

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

Event # = 11053 DOY=93 H.Ang=17deg
 89/04/03,19:46 Start Carr. Lon.=320deg
 Optical Ha...Class=1N S23E05 Mac.=FKI
 GOES 19:18 19:46 20:17 Qual=04 MaxkeV=102 Flags=SN
 HXRBS 19:33:54 19:38:57 19:41:31 Qual=02 Rast=180"x1" Step=0" Pitch=-639" , Yaw=+495"
 UVSP 19:27 Type/Intensity: Code=01 Tot Cts=1068 Exp #=86995
 Radio Frequency(MHz)/Flux(stu): 245/790 410/200 606/220

Event # = 11054
 89/04/03,22:10 DOY=93 H.Ang=17deg
 Start Carr. Lon.=311deg
 Optical Ha...Class=SN S17E13 Mac.=FKI
 GOES 22:02 22:10 22:17 Qual=02 MaxkeV=102 Step=0" Pitch=-639" , Yaw=+495"
 HXRBS 22:03:40 22:04:27 22:04:45 Qual=01 Rast=180"x1" Tot Cts=265 Exp #=86998
 UVSP 21:59 Peak...c/s=48 Code=01

Event # = 11052
 89/04/03,22:42 DOY=93
 Start End times
 GOES 22:42:38 22:42:52 22:43:02 Qual=01
 HXRBS Peak...c/s=63 Qual=01 Tot Cts=347 Step=0" Pitch=-639" , Yaw=+495"
 UVSP 22:33 Wavelength=2788A Exp #=86999

Event # = 22663 DOY=94
 89/04/04,05:49 Start End times
 GOES 05:49 05:49 05:51 Qual=03 FePeak=05:49 #Peaks=1 dt= 7.7s XEN=909400
 BCS CaPeak.c/s=21 Qual=2 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
 FCS Wavelength=1375A Exp #=87020 Step=5" Pitch=-789" , Yaw=+541"
 UVSP 04:58

Event # = 11726 DOY=95
 89/04/05,04:15 Start End times
 GOES 04:14:11 04:15:44 04:19:51 Qual=00 Tot Cts=1860 MaxkeV=144 #Peaks=1 dt= 7.7s XEN=909500
 HXRBS Peak...c/s=55 Qual=01 Exp #=87064 Step=5" Cad=1.02s 1.024s/pixel
 UVSP 04:13 Wavelength=1375A

Event # = 22664 DOY=95 H.Ang=16deg
 89/04/05,10:56 Start Carr. Lon.=302deg Mac.=FKI
 Optical Ha...Class=SF S22E01 FePeak.c/s=9 #Peaks=1 dt= 7.7s XEN=909500
 GOES 10:56 10:56 11:00 Qual=5 FePeak=10:56 Step=0" Cad=1.02s 1.024s/pixel
 BCS CaPeak.c/s=30 Qual=5 Rast=180"x1" Step=0" Pitch=-789" , Yaw=+541"
 FCS Wavelength=2788A Exp #=87084
 UVSP 11:15

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		MaxkeV=102			
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" 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	
UVSP		00:15				Wavelength=2788A				Rast=0"x0"		Step=0" XEN=909600	
Event # = 11060		89/04/06, 05:36		DOY=96		SMM Pointing:		S19W16		Rast=180"x1"		Pitch=+154", Yaw=+56"	
Optical		Start		Peak		Ha...Class=SF		S21W19		Carr. Lon.=312deg		H. Ang=20deg	
GOES		05:28		05:38		Importance=C5		Qual=01		MaxkeV=102			
HXRBS		05:34:39		05:35:20		Peak...c/s=42		Qual=01		FePeak.c/s=53		#Peaks=2 dt= 3.8s	
BCS		05:30		05:40		CaPeak.c/s=261		Qual= 1		Rast=240"x240"		Step=15" XEN=909601	
FCS						Wavelength=1375A				Step=0"		Pitch=+280", Yaw=-138"	
UVSP		05:24								Rast=10"x10"		Step=0"	

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	10:24	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"
HXRBS									Yaw=-214"
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"
GOES				Peak...c/s=61	Qual=01	Exp # =87148	Rast=180"x1"		Yaw=-95"
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"
Optical				Importance=C9	Qual=01	Exp # =87176	Rast=30"x30"		Yaw=-459"
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	H. Ang=18deg
GOES				Peak...c/s=40	Qual=04	Exp # =87186	Rast=180"x1"	Step=0"	Pitch=+268"
HXRBS				Wavelength=2788A	Code=00				Yaw=-214"
UVSP									

Event # = 11065													
89/04/07, 15:27	DOY=97	Peak								Pitch=+0", Yaw=+0", Roll=-20deg			H. Ang=0deg
Optical			SMM Pointing:	S06W00									
GOES	15:22	15:27	15:31	N33E43	AR5441					Mac.=CAO	Carr. Lon.=231deg		H. Ang=57deg
HXRBS	15:22:16	15:22:37	15:25:01	Qual=03						MaxkeV=231	Flags=M5, ES		
UVSP	15:00			Code=01						Rast=180"x1"	Pitch=+389", Yaw=-409"		
Event # = 11064													
89/04/07, 19:51	DOY=97	Peak											
Optical			SMM Pointing:	S19W37									
GOES	19:47	19:51	19:55	S16E01	AR5446					Mac.=DAO	Carr. Lon.=271deg		H. Ang=10deg
HXRBS	19:49:13	19:49:41	19:50:43	Qual=05						MaxkeV=274	Flags=SN		
UVSP	19:39			Code=02						Rast=180"x1"	Pitch=+286", Yaw=-252"		
Event # = 11067													
89/04/08, 21:26	DOY=98	Peak											
Optical			SMM Pointing:	S19W51									
GOES	21:12	21:26	21:48	Qual=03						Pitch=+477", Yaw=-579", Roll=-20deg			H. Ang=51deg
HXRBS	21:13:07	21:14:33	21:15:47	Qual=01						MaxkeV=102	Flags=SN		
UVSP	21:28			Code=02						Rast=180"x1"	Pitch=+357", Yaw=-395"		
Event # = 11068													
89/04/09, 01:05	DOY=99	Peak											
Optical			SMM Pointing:	S19W52									
GOES	00:42	01:05	02:00	N35E29	AR5441					Pitch=+481", Yaw=-590", Roll=-20deg			H. Ang=52deg
HXRBS	01:18:40	01:19:51	01:45:05	Qual=02						Mac.=DKO	Carr. Lon.=227deg		H. Ang=49deg
UVSP	01:08			Code=02						MaxkeV=102	Flags=SN		
Radio	Frequency(MHz)/Flux(sfu):		4995/2400 8800/3300							Rast=180"x1"	Pitch=+366", Yaw=-413"		
Event # = 11069													
89/04/09, 02:07	DOY=99	Peak											
Optical			SMM Pointing:	S19W54									
GOES	02:00	02:07	02:31	S20E04	AR5438					Pitch=+487", Yaw=-600", Roll=-20deg			H. Ang=54deg
HXRBS	02:02:02	02:04:44	02:23:52	Qual=03						Mac.=DAO	Carr. Lon.=251deg		H. Ang=14deg
UVSP	02:06			Code=01						MaxkeV=102	Flags=AX		
Event # = 22668													
89/04/09, 17:37	DOY=99	Peak											
Optical			SMM Pointing:	N34E17	AR5441								
GOES	17:36	17:37	17:46	Qual=01						Mac.=DKO	Carr. Lon.=230deg		H. Ang=43deg
FCS				Qual=4						FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=909900
UVSP	17:38			Code=00						Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
Radio Sweeps										Rast=180"x1"	Step=0"	Pitch=-772", Yaw=+182"	
		Type/Intensity:	V/1										

89/04/10 DOY=100

Event # = 11070 DOY=100
 89/04/10, 02:12 Start Peak
 SMM Pointing: N34E12 H.Ang=41deg
 End times
 GOES 02:11:52 02:12:27 02:12:55
 HXRBS 01:58
 UVSP 01:58
 Peak...c/s=50
 Wavelength=2788A
 Tot Cts=297
 Exp #=87296
 MaxkeV=102
 Rast=180"x1"
 Step=0" Pitch=-498", Yaw=-129"

Event # = 11071 DOY=100
 89/04/10, 07:16 Start Peak
 SMM Pointing: N34E09 H.Ang=41deg
 End times
 GOES 07:15:51 07:16:05 07:16:22
 HXRBS 07:03
 UVSP 07:03
 Peak...c/s=48
 Wavelength=1375A
 Tot Cts=161
 Exp #=87315
 MaxkeV=102
 Rast=70"x70"
 Step=5" Pitch=-616", Yaw=-91"

Event # = 11072 DOY=100
 89/04/10, 18:30 Start Peak
 SMM Pointing: N34E04 H.Ang=40deg
 End times
 Optical
 GOES 18:10 18:30 19:15
 HXRBS 18:16:38 18:17:47 18:20:02
 UVSP 18:28
 Importance=C2
 Peak...c/s=41
 Wavelength=2788A
 Tot Cts=528
 Exp #=87333
 MaxkeV=102
 Rast=180"x1"
 Step=0" Pitch=-713", Yaw=+16"
 Carr. Lon.=241deg H.Ang=47deg
 Pitch=-595", Yaw=-164", Roll=-20deg
 Pitch=-587", Yaw=-186", Roll=-20deg

Event # = 11073 DOY=100
 89/04/10, 21:17 Start Peak
 SMM Pointing: N34E02 H.Ang=40deg
 End times
 GOES 21:17:26 21:17:32 21:18:52
 HXRBS 21:35
 UVSP 21:35
 Peak...c/s=36
 Wavelength=2788A
 Tot Cts=226
 Exp #=87337
 MaxkeV=102
 Rast=180"x1"
 Step=0" Pitch=-451", Yaw=-6"

Event # = 22669 DOY=100
 89/04/10, 23:10 Start Peak
 End times
 GOES 22:20 23:10 23:16
 BCS
 FCS
 UVSP 23:07
 CaPeak.c/s=32
 Peak3..c/s=-1
 Wavelength=2788A
 Qual=00
 Qual=2 FePeak=23:11
 Exp #=87339
 FePeak.c/s=15
 Rast=180"x1"
 Step=0" Pitch=-447", Yaw=-16"
 dt= 7.7s XEN=910000
 Cad=.26s XEN=910001
 Step=0" XEN=910001
 Step=0" XEN=910001
 Step=0" XEN=910001
 Step=0" XEN=910001

Event # = 22670 DOY=100
 89/04/10, 23:53 Start Peak
 End times
 GOES 23:53 23:53 00:49
 BCS
 FCS
 UVSP 23:42
 CaPeak.c/s=39
 Peak3..c/s=-1
 Wavelength=2788A
 Qual=00
 Qual=5 FePeak=23:53
 Exp #=87340
 FePeak.c/s=14
 Rast=0"x0"
 Rast=180"x1"
 Step=0" XEN=910001
 Step=0" XEN=910001
 Step=0" XEN=910001
 Step=0" XEN=910001

89/04/11 DOY=101

Event # = 22671 DOY=101
 89/04/11, 01:34 Start Peak
 End times
 GOES 01:26 01:34 02:22
 BCS
 FCS
 UVSP 01:14
 CaPeak.c/s=21
 Peak3..c/s=-1
 Wavelength=2788A
 Qual=00
 Qual=4 FePeak=01:34
 Exp #=87342
 FePeak.c/s=12
 Rast=0"x0"
 Rast=180"x1"
 Step=0" XEN=910100
 Step=0" XEN=910100
 Step=0" XEN=910100
 Step=0" XEN=910100
 dt= 7.7s XEN=910100
 Cad= 860s XEN=910100
 Pitch=-442", Yaw=-31"

Event # = 22672		DOY=101		End times																	
89/04/11	08:08	Start	Peak																		
GOES	08:00	08:08	08:30	CaPeak.c/s=33	Qual=00	Qual=1	FePeak=08:03	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=910101										
BCS								Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel										
FCS																					
UVSP	08:04			WaveLength=1375A			Exp #=87360														
Event # = 11078		DOY=102		End times																	
89/04/12	06:09	Start	Peak																		
Optical				SMM Pointing:	N34W15			Pitch=-504"	Yaw=-404"	Roll=-20deg		H. Ang=42deg									
GOES	06:01	06:09	06:18	Ha...Class=1F	S18W37		AR5438	Mac.=CSO		Carr.Lon.=251deg		H. Ang=38deg									
HXRBS	06:03:22	06:04:59	06:05:19	Importance=C5	Qual=03			MaxkeV=102													
UVSP	05:37			Peak...c/s=50	Qual=01		Tot Cts=756	Rast=70"x70"	Step=5"	Pitch=-523"	Yaw=-429"										
Event # = 11081		DOY=102		End times																	
89/04/12	21:32	Start	Peak																		
GOES	21:31:35	21:32:21	21:32:57	SMM Pointing:	N35W25			Pitch=-472"	Yaw=-527"	Roll=-20deg		H. Ang=48deg									
HXRBS				Peak...c/s=47	Qual=00		Tot Cts=430	MaxkeV=144													
UVSP	21:41			WaveLength=2788A	Qual=01		Exp #=87429	Rast=180"x1"	Step=0"	Pitch=-336"	Yaw=-347"										
Event # = 11082		DOY=102		End times																	
89/04/12	22:32	Start	Peak																		
GOES	22:32:37	22:32:58	22:33:45	SMM Pointing:	N35W26			Pitch=-468"	Yaw=-537"	Roll=-20deg		H. Ang=48deg									
HXRBS				Peak...c/s=47	Qual=00		Tot Cts=480	MaxkeV=144													
UVSP	22:14			WaveLength=2788A	Qual=01		Exp #=87430	Rast=180"x1"	Step=0"	Pitch=-335"	Yaw=-350"										
Event # = 11080		DOY=103		End times																	
89/04/13	06:42	Start	Peak																		
GOES	06:42:16	06:42:28	06:43:06	SMM Pointing:	N35W30			Pitch=-449"	Yaw=-579"	Roll=-20deg		H. Ang=50deg									
HXRBS				Peak...c/s=206	Qual=01		Tot Cts=866	MaxkeV=187													
UVSP	06:26			WaveLength=1375A	Qual=01		Exp #=87441	Rast=70"x70"	Step=5"	Pitch=-434"	Yaw=-576"										
Radio				Frequency(MHz)/Flux(sfu):	245/880	410/430															
Event # = 11084		DOY=103		End times																	
89/04/13	17:28	Start	Peak																		
GOES	17:28:38	17:28:49	17:28:58	SMM Pointing:	N36W36			Pitch=-428"	Yaw=-642"	Roll=-20deg		H. Ang=54deg									
HXRBS				Peak...c/s=62	Qual=00		Tot Cts=257	MaxkeV=102													
UVSP	17:50			WaveLength=2788A	Qual=01		Exp #=87460	Rast=180"x1"	Step=0"	Pitch=-287"	Yaw=-458"										
Event # = 11085		DOY=103		End times																	
89/04/13	17:45	Start	Peak																		
Optical				SMM Pointing:	N36W36			Pitch=-428"	Yaw=-642"	Roll=-20deg		H. Ang=54deg									
GOES	17:40	17:45	17:51	Ha...Class=SF	N10E69		AR5451	Mac.=DAO		Carr.Lon.=125deg		H. Ang=70deg									
HXRBS	17:40:48	17:41:44	17:43:35	Importance=C5	Qual=01		Tot Cts=917	MaxkeV=102													
UVSP	17:50			Peak...c/s=49	Qual=01		Exp #=87460	Rast=180"x1"	Step=0"	Pitch=-287"	Yaw=-458"										

Event # = 11086 89/04/13 21:00 Start	DOY=103 Peak	End times	SMM Pointing:	N35W37	Pitch=-418", Yaw=-650", Roll=-20deg	H. Ang=54deg
Optical			Ha...Class=SF		Mac. =DA0	H. Ang=67deg
GOES 20:50	21:00	21:24	Importance=C5	AR5451	Carr. Lon. =126deg	
HXRBS 20:50:04	20:52:07	20:54:59	Peak...c/s=50	Tot Cts=2434	Flags=AX	
UVSP 20:56			WaveLength=2788A	Exp #=87464	Step=0"	Pitch=-279", Yaw=-474"
89/04/15 DOY=105						
Event # = 11087 89/04/15 00:31	DOY=105 Peak	End times	SMM Pointing:	S06W00	Pitch=+3", Yaw=-5", Roll=0deg	H. Ang=0deg
Optical			Ha...Class=SF		Mac. =EAI	H. Ang=19deg
GOES 00:31:36	00:31:52	00:32:08	Peak...c/s=62	AR5449	Carr. Lon. =165deg	
HXRBS				Tot Cts=298	MaxkeV=102	
89/04/15 DOY=105						
Event # = 22673 89/04/15 05:33	DOY=105 Peak	End times	SMM Pointing:		FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=910500
GOES			CaPeak.c/s=22	Qual=01	Rast=0"x0"	Cad=1.02s 1.024s/pixel
BGS	05:33	05:36		Qual= 4		
FCS				Qual= 4		
89/04/15 DOY=105						
Event # = 11746 89/04/15 13:04	DOY=105 Peak	End times	SMM Pointing:	N09E44	Pitch=-428", Yaw=+545", Roll=-20deg	H. Ang=46deg
Optical			Ha...Class=SF		Mac. =EKI	H. Ang=53deg
GOES 13:04:03	13:04:26	13:04:50	Peak...c/s=39	N14E50	Carr. Lon. =120deg	
HXRBS 13:15			WaveLength=2788A	Qual=01	Flags=I	
UVSP			410/1400	Tot Cts=170	Step=0"	Pitch=-293", Yaw=+473"
Radio			Frequency (MHz)/Flux(sfu):	Exp #=87512		
89/04/15 DOY=105						
Event # = 11747 89/04/15 21:48	DOY=105 Peak	End times	SMM Pointing:	N09E40	Pitch=-414", Yaw=+494", Roll=-20deg	H. Ang=42deg
GOES			Peak...c/s=84	Qual=01	MaxkeV=144	
HXRBS 21:47:41	21:48:09	21:49:21	WaveLength=2788A	Qual=01	Rast=180"x1"	Pitch=-278", Yaw=+418"
UVSP 21:35				Tot Cts=1870	Step=0"	
89/04/15 DOY=105						
Event # = 11750 89/04/15 22:31	DOY=105 Peak	End times	SMM Pointing:	N09E39	Pitch=-411", Yaw=+484", Roll=-20deg	H. Ang=42deg
GOES			Peak...c/s=48	Qual=01	MaxkeV=102	
HXRBS 22:30:50	22:31:39	22:32:30	WaveLength=2788A	Qual=01	Rast=180"x1"	Pitch=-276", Yaw=+411"
UVSP 22:33				Tot Cts=526	Step=0"	
89/04/16 DOY=106						
Event # = 11751 89/04/16 04:25	DOY=106 Peak	End times	SMM Pointing:	N09E36	Pitch=-400", Yaw=+443", Roll=-20deg	H. Ang=39deg
GOES			Peak...c/s=91	Qual=00	MaxkeV=144	
HXRBS 04:25:28	04:25:50	04:25:58	WaveLength=2788A	Qual=01	Rast=243"x243"	Pitch=-392", Yaw=+456"
UVSP 04:02				Tot Cts=847	Step=3"	
89/04/16 DOY=106						

Event #	Start	End times	Peak	DOY	89/04/17	DOY=107	89/04/17	DOY=107
89/04/17,03:32	03:28	03:34	03:32	DOY=107	N09E23	N11E28	AR5451	
Optical	SMM Pointing: Ha...Class=SF							
GOES	03:29:38	03:31:34	03:30:40		Qual=01	Importance=C3		
HXRBS	03:30	03:35	03:32		Qual=01	CaPeak.c/s=57		
BCS	03:30	03:35	03:32		Qual=1	CaPeak.c/s=69		
FCS								
UVSP	03:03					WaveLength=2788A		
Radio	Frequency(MHz)/Flux(sfu): 245/240 410/460 606/67							
Pitch=-344", Yaw=+267", Roll=-20deg H. Ang=27deg Mac.=EKI Carr. Lon.=121deg H. Ang=32deg MaxkeV=102 #Peaks=1 dt= 3.8s XEN=910700 FePeak.c/s=14 Step=15" Cad= 262s 1.024s/pixel Rast=240"x240" Step=0" Pitch=-210", Yaw=+198" Rast=180"x1" Step=0" Pitch=0"								
Event # = 11091								
89/04/17,17:46	17:39	17:51	17:46	DOY=107	N09E15	S19E61	AR5452	
Optical	SMM Pointing: Ha...Class=SN							
GOES	17:41:49	17:44:21	17:43:24		Qual=01	Importance=C6		
HXRBS	18:00				Qual=01	Peak,...c/s=51		
UVSP						WaveLength=2788A		
Pitch=-307", Yaw=+152", Roll=-20deg H. Ang=21deg Mac.=DAO Carr. Lon.=80deg H. Ang=61deg MaxkeV=102 Flags=ND Rast=180"x1" Step=0" Pitch=-170", Yaw=+76"								
Event # = 11097								
89/04/18,10:39	10:38:50	10:39:24	10:39:01	DOY=108	N09E06	Qual=00		
Optical	SMM Pointing: Peak,...c/s=58							
GOES	10:40				Qual=01	WaveLength=2788A		
HXRBS								
UVSP								
Pitch=-257", Yaw=+5", Roll=-20deg H. Ang=16deg MaxkeV=102 Step=3" Pitch=-249", Yaw=+19" Rast=243"x243"								
Event # = 12773								
89/04/18,11:05	11:05:01	11:05:14	11:05:03	DOY=108	N09E06	Qual=01		
Optical	SMM Pointing: Peak,...c/s=32							
GOES	11:05:01	11:05:14	11:05:03		Qual=01	WaveLength=2788A		
HXRBS								
UVSP								
Pitch=-257", Yaw=+5", Roll=-20deg H. Ang=16deg MaxkeV=368 Flags=NS,GB Rast=243"x243" Step=3" Pitch=-249", Yaw=+19"								
Event # = 11099								
89/04/19,00:30	00:27:16	00:30:30	00:28:31	DOY=109	N09W02	N33E84	AR5456	
Optical	SMM Pointing: Ha...Class=SF							
GOES	00:27:16	00:30:30	00:28:31		Qual=01	Importance=C5		
HXRBS	00:17				Qual=01	Peak,...c/s=205		
UVSP						WaveLength=2788A		
Radio	Frequency(MHz)/Flux(sfu): 2695/35 4995/80 8800/29							
Pitch=-213", Yaw=-107", Roll=-20deg H. Ang=14deg Mac.=CHO Carr. Lon.=40deg H. Ang=88deg MaxkeV=144 Step=3" Pitch=-203", Yaw=-100" Rast=243"x243"								
HXRBS	00:19:00	00:20:53	00:19:46		Qual=03	Associated		
UVSP						Event # = 11098		
Radio	Associated							
HXRBS	00:34:39	00:35:13	00:34:50		Qual=01	Peak,...c/s=44		
UVSP						Event # = 11101		
Radio	Associated							
HXRBS						Event # = 11101		
UVSP						Qual=01		
Radio	Associated							

Event # = 11100
 89/04/19,05:40 DOY=109
 Start Peak
 Optical
 GOES 05:35 05:40 05:50
 HXRBS 05:36:37 05:37:11 05:37:15
 BCS 05:37 05:38 05:47
 FCS
 UVSP 04:57
 SMM Pointing: S05W26
 Ha...Class=SF
 Importance=C4
 Peak...c/s=52
 CaPeak.c/s=38
 Wavelength=2788A Code=00 Exp #=87669
 Pitch=+0", Yaw=-423", Roll=0deg
 Mac.=EKI Carr.Lon.=159deg
 MaxkeV=102 dt= 7.7s XEN=910900
 FePeak.c/s=13 Cad=1.02s 1.024s/pixel
 Rast=0"x0" Pitch=+7", Yaw=-366"
 Rast=180"x255" Step=1

89/04/20 DOY=110
 Event # = 11123
 89/04/20,12:26 DOY=110
 Start Peak
 Optical
 GOES 12:19:13 12:19:48 12:20:27
 HXRBS 12:20 12:26 12:41
 BCS
 FCS
 UVSP 12:41
 Radio Frequency(MHz)/Flux(sfu): 1415/120 2695/41 4995/12 8800/20 15400/23
 SMM Pointing: S20W53
 Ha...Class=SF
 Peak...c/s=45
 CaPeak.c/s=41
 Wavelength=2788A
 Pitch=+503", Yaw=-577", Roll=-20deg
 Carr.Lon.=162deg
 MaxkeV=102 dt= 7.7s XEN=911000
 FePeak.c/s=9 Cad=1.02s 1.024s/pixel
 Rast=0"x0" Pitch=+387", Yaw=-400"
 Rast=180"x1" Step=0

Event # = 11860
 89/04/20,14:14 DOY=110
 Start Peak
 Optical
 GOES 14:03 14:14 14:20
 HXRBS 14:11:17 14:11:57 14:12:40
 UVSP 14:15
 SMM Pointing: S20W54
 Ha...Class=SF
 Importance=C4
 Peak...c/s=55
 Wavelength=2788A Code=02
 Pitch=+509", Yaw=-588", Roll=-20deg
 Carr.Lon.=127deg
 Mac.=FKO
 MaxkeV=102 dt= 7.7s XEN=911000
 Rast=180"x1" Step=0
 Flags=1
 Step=0" Pitch=+390", Yaw=-407"

Event # = 11861
 89/04/20,15:17 DOY=110
 Start Peak
 Optical
 GOES 15:11 15:17 15:42
 HXRBS 15:12:19 15:13:33 15:13:41
 BCS 15:12 15:16 15:54
 FCS
 UVSP 14:50
 SMM Pointing: S20W54
 Ha...Class=SF
 Importance=C3
 Peak...c/s=44
 CaPeak.c/s=80
 Wavelength=2788A Code=01
 Pitch=+509", Yaw=-588", Roll=-20deg
 Carr.Lon.=158deg
 Mac.=EKI
 MaxkeV=102 dt= 3.8s XEN=911001
 FePeak.c/s=19 Cad= 262s 1.024s/pixel
 Rast=240"x240" Step=15"
 Rast=180"x1" Step=0" Pitch=+392", Yaw=-409"

Event # = 11124
 89/04/20,19:55 DOY=110
 Start Peak
 GOES 19:55:40 19:55:54 19:57:05
 HXRBS
 UVSP 19:30
 SMM Pointing: S20W57
 Qual=00
 Qual=01
 Wavelength=2788A
 Pitch=+520", Yaw=-609", Roll=-20deg
 MaxkeV=102 dt= 3.8s XEN=911002
 Rast=180"x1" Step=0" Pitch=+402", Yaw=-429"

Event # = 22674
 89/04/20,21:12 DOY=110
 Start Peak
 GOES 21:11 21:12 21:30
 BCS
 FCS
 UVSP 21:03
 SMM Pointing: S20W57
 Qual=04
 Qual= 5
 Wavelength=2788A
 FePeak.c/s=15 dt= 3.8s XEN=911002
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
 Rast=180"x1" Step=0" Pitch=+406", Yaw=-435"
 Exp #=87692

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 FePeak=05:44
 UVSP 05:01 05:51 FePeak=05:44 Exp #=87703
 FePeak.c/s=8 dt= 7.7s XEN=911100
 Rast=0"x0" Cad=1.02s 1.024s/pixel
 Rast=243"x243" Pitch=3" Step=0" 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 Mac.=EKO 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 FePeak.c/s=15 dt= 3.8s XEN=911101
 UVSP 06:36 Wavelength=1375A Code=00 Exp #=87705 Rast=240"x240" Cad= 262s 1.024s/pixel
 Rast=70"x70" Pitch=5" 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 Wavelength=2788A Qual=01 Tot Cts=243 MaxkeV=102
 Exp #=87715 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 Mac.=EKO Carr. Lon.=157deg H. Ang=67deg
 HXRBS 14:21:02 14:21:59 14:26:04 Importance=C5 Qual=01
 UVSP 14:05 Peak...c/s=228 Qual=01 Tot Cts=6852 MaxkeV=187
 Radio Frequency(MHz)/Flux(sfu): 1415/190 2695/41 4995/46 8800/28 15400/29 Wavelength=2788A Code=01 Exp #=87722
 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 Mac.=FKI Carr. Lon.=124deg H. Ang=42deg
 HXRBS 23:52:30 23:52:57 23:54:11 Importance=C4 Qual=03
 UVSP 23:41 Peak...c/s=51 Qual=01 Tot Cts=634 MaxkeV=102
 Radio Sweeps Wavelength=1375A Code=00 Exp #=87741 Rast=70"x70" Pitch=+580",Yaw=-716"
 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 Wavelength=1375A Qual=01 Tot Cts=416 MaxkeV=144
 Exp #=87741 Rast=70"x70" Pitch=+580",Yaw=-716"

89/04/22 DOY=112

Event # = 11129
 89/04/22, 01:11 DOY=112 S20W72 SMM Pointing: Pitch=+577", Yaw=-697", Roll=-20deg H.Ang=71deg
 Start Peak
 End times
 GOES 01:07 01:11 01:15 Qual=01 MaxkeV=187 dt= 7.7s XEN=911200
 HXRBS 01:07:36 01:08:04 01:08:31 Peak...c/s=200 Qual=01 FePeak.c/s=10 Cad=1.02s 1.024s/pixel
 BCS 01:10 01:10 01:31 CaPeak.c/s=24 Qual= 6 Rast=0"x0" Pitch=+457", Yaw=-519"
 FCS
 UVSP 00:58 Wavelength=2788A Code=00 Exp #=87742
 Radio Frequency(MHz)/Flux(sfu): 4995/13 8800/48 15400/55

Event # = 11130
 89/04/22, 01:37 DOY=112 S20W72 SMM Pointing: Pitch=+577", Yaw=-697", Roll=-20deg H.Ang=71deg
 Start Peak
 End times
 GOES 01:32 01:37 01:40 Qual=01 MaxkeV=144 dt= 7.7s XEN=911200
 HXRBS 01:33:03 01:33:18 01:34:45 Peak...c/s=63 Qual=01 FePeak.c/s=10 Cad=1.02s 1.024s/pixel
 UVSP 01:54 Wavelength=2788A Code=00 Exp #=87742
 Radio Frequency(MHz)/Flux(sfu): 245/54 410/62 606/55 1415/19 2695/29 4995/34 8800/19

Event # = 11131
 89/04/22, 01:47 DOY=112 S20W74 SMM Pointing: Pitch=+579", Yaw=-707", Roll=-20deg H.Ang=73deg
 Start Peak
 End times
 GOES 01:47:12 01:47:20 01:47:45 Qual=01 MaxkeV=102 dt= 7.7s XEN=911201
 HXRBS Peak...c/s=42 Qual=01 Rast=180"x1" Step=0" Pitch=+459", Yaw=-521"
 UVSP Wavelength=2788A Code=00 Exp #=87743

Event # = 11133
 89/04/22, 02:52 DOY=112 S20W74 SMM Pointing: Pitch=+579", Yaw=-707", Roll=-20deg H.Ang=73deg
 Start Peak
 End times
 GOES 02:47 02:52 02:55 Qual=01 MaxkeV=320 dt= 7.7s XEN=911201
 HXRBS 02:48:09 02:48:41 02:50:38 Peak...c/s=852 Qual=01 Rast=180"x1" Step=0" Pitch=+461", Yaw=-524"
 UVSP 03:28 Wavelength=2788A Code=00 Exp #=87745
 Radio Frequency(MHz)/Flux(sfu): 606/72 1415/21 2695/16 4995/28 8800/93 15400/130
 Associated Event # = 11132
 HXRBS 02:46:32 02:46:35 02:47:05 Peak...c/s=47 Qual=01 Tot Cts=168 MaxkeV=102 dt= 7.7s XEN=911201
 BCS 03:04 03:04 03:23 CaPeak.c/s=49 Qual= 6 FePeak=03:04 Step=0" Cad=1.02s 1.024s/pixel
 FCS

Event # = 11134
 89/04/22, 03:36 DOY=112 S20W74 SMM Pointing: Pitch=+579", Yaw=-707", Roll=-20deg H.Ang=73deg
 Start Peak
 End times
 Optical Ha...Class=SN N13W37 Carr. Lon.=120deg H.Ang=41deg
 GOES 03:30 03:36 03:50 Qual=02 MaxkeV=231 dt= 7.7s XEN=911202
 HXRBS 03:30:44 03:32:07 03:35:02 Peak...c/s=245 Qual=03 FePeak.c/s=6 Cad=1.02s 1.024s/pixel
 UVSP 03:28 Wavelength=2788A Code=00 Exp #=87745 Rast=180"x1" Step=0" Pitch=+461", Yaw=-524"
 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

Event # = 22678
 89/04/22, 04:15 DOY=112 S20W74 SMM Pointing: Pitch=+579", Yaw=-707", Roll=-20deg H.Ang=73deg
 Start Peak
 End times
 GOES 04:15 04:15 05:04 Qual=00 MaxkeV=231 dt= 7.7s XEN=911202
 BCS Peak3...c/s=11 Qual= 6 FePeak=04:15 Cad=1.02s 1.024s/pixel
 FCS 04:52 Wavelength=2788A Code=00 Exp #=87747 Rast=180"x1" Step=0" Pitch=+463", Yaw=-527"
 UVSP

Event # = 11135													
89/04/22, 05:49	DOY=112	Peak											
Optical													
GOES	05:44	05:49	05:53										
HXRBS	05:52:20	05:52:53	05:53:08										
UVSP	05:00												
Radio Sweeps		Type/Intensity:											
Event # = 11136													
89/04/22, 09:21	DOY=112	Peak											
Optical													
GOES	09:20:55	09:21:41	09:21:56										
HXRBS	08:07												
UVSP		Type/Intensity:											
Radio Sweeps		Frequency(MHz)/Flux(sfu):											
Event # = 11137													
89/04/22, 12:32	DOY=112	Peak											
Optical													
GOES	12:29	12:32	12:34										
HXRBS	12:30:38	12:30:49	12:31:01										
UVSP	12:47												
Radio Sweeps		Type/Intensity:											
		Frequency(MHz)/Flux(sfu):											
Event # = 11138													
89/04/22, 14:23	DOY=112	Peak											
Optical													
GOES	14:23:42	14:23:59	14:24:28										
HXRBS	14:22												
UVSP		Type/Intensity:											
Radio Sweeps		Frequency(MHz)/Flux(sfu):											
Event # = 11139													
89/04/22, 20:22	DOY=112	Peak											
Optical													
GOES	20:21:51	20:22:07	20:22:46										
HXRBS	20:31												
UVSP		Type/Intensity:											
Radio Sweeps		Frequency(MHz)/Flux(sfu):											
Event # = 11140													
89/04/22, 21:59	DOY=112	Peak											
Optical													
GOES	21:59:08	21:59:29	21:59:51										
HXRBS	22:05												
UVSP		Type/Intensity:											
Radio Sweeps		Frequency(MHz)/Flux(sfu):											

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
 MaxkeV=231
 Rast=110"x200" Step=5" Pitch=+641" ,Yaw=-747"
 Tot Cts=1195
 Exp #=87783
 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
 MaxkeV=102
 Rast=180"x1" Step=0" Pitch=+491" ,Yaw=-547"
 Tot Cts=333
 Exp #=87799

Event # = 22679
 89/04/23,16:36 DOY=113
 Start Peak
 Optical
 GOES 15:55 16:36 16:48 End times
 BCS 15:55 Ha...Class=SF N11W64 AR5451 Carr. Lon.=127deg H. Ang=66deg
 FCS 16:40 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 17:26 Ha...Class=SF N11W64 AR5451 Carr. Lon.=126deg H. Ang=66deg
 FCS 18:14 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
 UVSP 23:41 Wavelength=2788A
 Radio Frequency(MHz)/Flux(sfu): 245/51
 SMM Pointing: N14E86
 Qual=03
 MaxkeV=102
 Rast=243"x243" Step=3" Pitch=-526" ,Yaw=+805"
 Tot Cts=2882
 Exp #=87827

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 H. Ang=87deg
 UVSP 03:31 Wavelength=2788A Code=00 Exp #=87831
 Ha...Class=SF N28E16 Carr. Lon.=41deg H. Ang=36deg
 Importance=C3 Qual=02
 Peak...c/s=75 Qual=01
 Wavelength=2788A Code=00
 Tot Cts=2288
 Exp #=87831
 MaxkeV=144
 Rast=180"x1" Step=0" Pitch=-399" ,Yaw=+722"

Event # = 22681		DOY=114															
89/04/24,05:10		Peak		End times													
G0ES	05:10	05:10	05:12	CaPeak.c/s=24	Qual=00	Qual=6	FePeak=05:10	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=911400						
BGS	Wavelength=2788A																
FCS	SMM Pointing: N14E86																
UVSP	Ha...Class=SF																
	Importance=C8																
	Peak...c/s=85																
	Wavelength=2788A																
Event # = 11154		DOY=114															
89/04/24,06:25		Peak		End times													
Optical		Mac.=FKI Carr.Lon.=123deg H.Ang=69deg															
G0ES	06:19	06:25	06:31	AR5451	Qual=01	Qual=01	Tot Cts=3393	MaxkeV=102									
HXRBS	06:20:08	06:21:02	06:24:16	Pitch=-533",Yaw=+792",Roll=-20deg												H.Ang=87deg	
UVSP	06:39	Step=0" Pitch=-399",Yaw=+722"															
Event # = 11146		DOY=114															
89/04/24,08:10		Peak		End times													
G0ES	08:10:39	08:10:49	08:11:12	Peak...c/s=56	Qual=00	Qual=01	Tot Cts=205	MaxkeV=102									
HXRBS	Wavelength=2788A																
UVSP	08:11	Step=0" Pitch=-399",Yaw=+722"															
Event # = 11147		DOY=114															
89/04/24,09:18		Peak		End times													
G0ES	09:17:40	09:18:03	09:19:06	Peak...c/s=42	Qual=01	Qual=01	Tot Cts=473	MaxkeV=102									
HXRBS	Wavelength=2788A																
UVSP	09:45	Step=0" Pitch=-399",Yaw=+722"															
Event # = 11155		DOY=114															
89/04/24,14:10		Peak		End times													
G0ES	14:10:12	14:10:58	14:11:17	Peak...c/s=40	Qual=00	Qual=01	Tot Cts=286	MaxkeV=102									
HXRBS	Wavelength=2788A																
UVSP	14:24	Step=0" Pitch=-399",Yaw=+721"															
Event # = 11156		DOY=114															
89/04/24,17:26		Peak		End times													
G0ES	17:25:32	17:26:01	17:26:42	Peak...c/s=49	Qual=00	Qual=01	Tot Cts=371	MaxkeV=102	Flags=ND								
HXRBS	Wavelength=2788A																
UVSP	17:30	Step=0" Pitch=-399",Yaw=+721"															
Event # = 11157		DOY=114															
89/04/24,21:59		Peak		End times													
G0ES	21:58:53	21:59:08	21:59:23	Peak...c/s=40	Qual=00	Qual=01	Tot Cts=217	MaxkeV=102									
HXRBS	Wavelength=1375A																
UVSP	21:27	Step=5" Pitch=+331",Yaw=-151"															

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
G0ES 21:05	21:11	S18W32	Carr. Lon.=66deg
HXRBS 21:07:44	21:08:32	Qual=01	MaxkeV=102
UVSP 21:07	21:08:32	Qual=01	Rast=10"x10"
		Code=00	Step=0" Pitch=+401", Yaw=-365"
Wavelength=1375A			
Exp #=87906			
Event # = 11166	DOY=115	SMM Pointing:	Pitch=+415", Yaw=-328", Roll=-20deg
89/04/25, 22:31	Peak	S21W30	H. Ang=34deg
G0ES	End times	Qual=01	MaxkeV=144
HXRBS 22:29:06	22:31:53	Qual=01	Rast=70"x70"
UVSP 22:14	22:42:59	Peak...c/s=53	Step=5" Pitch=+404", Yaw=-378"
		Wavelength=1375A	
Exp #=87910			
89/04/26		DOY=116	
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	S21E70	Mac.=CSO
G0ES 02:59	03:04	Qual=01	Carr. Lon.=320deg
HXRBS 02:59:16	02:59:40	Qual=01	MaxkeV=102
UVSP 02:37	02:59:40	Code=01	Rast=180"x1"
		Wavelength=2788A	Step=0" Pitch=+307", Yaw=-173"
Exp #=87914			
Event # = 11171	DOY=116	SMM Pointing:	Pitch=+0", Yaw=+0", Roll=0deg
89/04/26, 14:28	Peak	S05W00	H. Ang=0deg
G0ES	End times	Qual=00	MaxkeV=102
HXRBS 14:28:20	14:28:34	Qual=01	Rast=180"x1"
UVSP 14:26	14:28:34	Peak...c/s=36	Step=0" Pitch=-4", Yaw=+0"
		Wavelength=2788A	
Exp #=87929			
89/04/26		DOY=117	
Event # = 11173	DOY=117	SMM Pointing:	Pitch=+513", Yaw=-472", Roll=-20deg
89/04/26, 21:56	Peak	S23W45	H. Ang=47deg
Optical	End times	S19W45	Mac.=EHI
G0ES 21:56:40	21:56:54	Qual=01	Carr. Lon.=65deg
HXRBS 21:56:40	21:56:54	Qual=01	MaxkeV=102
UVSP 21:54	21:56:54	Code=01	Rast=10"x10"
		Wavelength=1375A	Step=0" Pitch=+466", Yaw=-523"
Exp #=87948			
89/04/26, 23:06		DOY=116	
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
G0ES 23:02	23:10	Qual=01	Carr. Lon.=66deg
HXRBS 23:03:03	23:04:27	Qual=01	MaxkeV=102
BCS 23:04	23:11	Qual=1	FePeak.c/s=15
FCS	23:05	CaPeak.c/s=66	#Peaks=1 dt= 3.8s XEN=911600
UVSP 23:03	23:03	Wavelength=1375A	Rast=240"x240" Cad= 262s
		Code=00	Step=5" Pitch=+469", Yaw=-529"
Exp #=87952			

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 WaveLength=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 WaveLength=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 WaveLength=2788A Exp #=87965 Rast=180"x1" Step=0" Pitch=+440",Yaw=-383"

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 WaveLength=1375A Code=02 Exp #=87967 Rast=265"x265" Pitch=+573",Yaw=-565"

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 WaveLength=1375A Code=00 Exp #=87978 Rast=30"x30" Pitch=+538",Yaw=-628"

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 15:14 15:29 16:09 WaveLength=2788A Exp #=88005 Rast=180"x1" Step=0" Pitch=+482",Yaw=-460"

Event # = 22686	DOY=118	Peak	End times	Qual=00	FePeak=17:09	#Peaks=1	dt= 7.7s	XEN=911801	
89/04/28, 17:24	17:24	17:24	17:24	Qual= 2	Exp #=88007	Step=0"	Cad=1.02s	1.024s/pixel	
GOES	16:50	17:24	17:24	CaPeak.c/s=34		Step=0"	Pitch=+484"	Yaw=-465"	
BCS	16:38			Wavelength=2788A					
FCS									
UVSP									
89/04/29 DOY=119									
Event # = 22687	DOY=119	Peak	End times	Qual=03	FePeak=01:16	#Peaks=1	dt= 3.8s	XEN=911900	
89/04/29, 01:20	01:20	01:18	01:36	Qual= 1	Exp #=88013	Step=15"	Cad= 262s	1.024s/pixel	
GOES	01:12	01:18	01:26	Importance=C4		Step=0"	Pitch=+497"	Yaw=-485"	
BCS	01:12			CaPeak.c/s=99					
FCS				Wavelength=2788A					
UVSP	01:20			Code=02					
89/04/29 DOY=119									
Event # = 22688	DOY=119	Peak	End times	Qual=01	FePeak=10:12	#Peaks=1	dt= 7.7s	XEN=911901	
89/04/29, 10:17	10:17	10:26	10:26	Qual= 1	Exp #=88025	Step=0"	Cad=1.02s	1.024s/pixel	
GOES	10:12	10:17	10:26	CaPeak.c/s=33		Step=0"	Pitch=+509"	Yaw=-500"	
BCS	10:38			Wavelength=2788A					
FCS									
UVSP	10:38								
89/04/30 DOY=120									
Event # = 22689	DOY=120	Peak	End times	Qual=00	FePeak=04:28	#Peaks=1	dt= 7.7s	XEN=912000	
89/04/30, 04:27	04:27	04:30	04:38	Qual= 4	Exp #=88053	Step=0"	Cad=1.02s	1.024s/pixel	
GOES	04:25	04:27	04:38	CaPeak.c/s=22		Step=0"	Pitch=+15"	Yaw=+272"	
BCS	04:15	04:30		Peak3.c/s=11					
FCS				Wavelength=2788A					
UVSP	04:15								
89/04/30 DOY=120									
Event # = 11185	DOY=120	Peak	End times	S19E17	Pitch=+140"	Yaw=+329"	Roll=-20deg	H.Ang=22deg	
89/04/30, 06:09	06:09	06:09:55	06:10:08	Qual=00	MaxkeV=144	Step=0"			
GOES	06:09:45	06:09:55	06:10:08	Qual=01	Rast=180"x1"				
HXRBS	05:49			Tot Cts=665					
UVSP				Exp #=88055					
Radio									
				Frequency(MHz)/Flux(sfu):					
				4995/59					
89/04/30, 23:11 DOY=120									
Event # = 22690	DOY=120	Peak	End times	S22E11	Mac.=FHI	Carr.Lon.=316deg	H.Ang=21deg		
89/04/30, 23:11	23:11	23:14	23:14	Qual=00	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=912001	
Optical				Qual= 4	Rast=180"x1"	Step=0"	Cad=1.02s	1.024s/pixel	
GOES	23:11	23:11	23:14	Ha...Class=SF		Step=0"	Pitch=+67"	Yaw=+126"	
BCS	23:11			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 MaxkeV=102
 HXRBS 01:58 01:58 01:58 Wavelength=2788A Code=01 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 MaxkeV=231
 UVSP 10:40 10:40 10:40 Wavelength=2788A Code=00 Exp #=88087 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 MaxkeV=102
 UVSP 13:46 13:46 13:46 Wavelength=2788A Code=00 Exp #=88091 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 MaxkeV=231
 UVSP 15:20 15:20 15:20 Wavelength=2788A Code=00 Exp #=88093 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 MaxkeV=102
 UVSP 20:48 20:48 20:48 Wavelength=1375A Code=02 Exp #=88109 Rast=30"x30" Step=5" Pitch=+237",Yaw=+96"

Event # = 11192 89/05/01,21:27 Start	DOY=121 Peak	End times	S19W04	SMM Pointing:	Pitch=+253",Yaw=+21",Roll=-20deg	H.Ang=15deg
Optical			N27E49 Qual=01	Ha...Class=SF Importance=C6	Mac.=DAO	H.Ang=57deg
GOES 21:08	21:27	21:36	Qual=01	Peak...c/s=82	MaxkeV=102	
HXRBS 21:08:41	21:09:35	21:10:57	Code=00	Wavelength=1375A	Rast=30"x30"	Pitch=+238",Yaw=+94"
UVSP 21:09					Step=5	
89/05/02 DOY=122						
Event # = 11193 89/05/02,06:19 Start	DOY=122 Peak	End times	S19W09	SMM Pointing:	Pitch=+281",Yaw=-53",Roll=-20deg	H.Ang=17deg
GOES 06:16	06:19	06:24	Qual=01	Importance=C3	MaxkeV=102	
HXRBS 06:15:38	06:16:23	06:16:59	Qual=01	Peak...c/s=46	Rast=180"x1"	Pitch=+159",Yaw=-122"
UVSP 05:50				Wavelength=2788A	Step=0	
89/05/02 DOY=122						
Event # = 11195 89/05/02,07:59 Start	DOY=122 Peak	End times	S19W10	SMM Pointing:	Pitch=+285",Yaw=-65",Roll=-20deg	H.Ang=18deg
Optical			S10E70 Qual=01	Ha...Class=1F Importance=C4	Carr. Lon.=238deg	H.Ang=70deg
GOES 07:50	07:59	08:07	Qual=01	Peak...c/s=40	MaxkeV=102	
HXRBS 07:53:29	07:54:15	07:54:24	Qual=01	Wavelength=2788A	Rast=180"x1"	Pitch=+167",Yaw=-142"
UVSP 08:22				Associated	Step=0	
Event # = 11194						
HXRBS 07:51:26	07:52:03	07:52:29	Qual=01	Peak...c/s=39	MaxkeV=102	
UVSP 07:24				Wavelength=2788A	Rast=180"x1"	Pitch=+164",Yaw=-135"
89/05/02 DOY=122						
Event # = 11196 89/05/02,14:10 Start	DOY=122 Peak	End times	N29E40	SMM Pointing:	Pitch=-657",Yaw=+330",Roll=-20deg	H.Ang=50deg
Optical			N30E43 Qual=03	Ha...Class=1N Importance=C7	Mac.=DAI	H.Ang=53deg
GOES 13:59	14:10	14:32	Qual=01	Peak...c/s=141	MaxkeV=144	
HXRBS 14:00:37	14:02:36	14:05:32	Qual=1	CaPeak.c/s=361	FePeak.c/s=78	#Peaks=1 dt= 3.8s XEN=912200
BCS 14:00	14:08	14:40		Wavelength=2788A	Rast=240"x240"	Cad= 262s 1.024s/pixel
FCS 14:33				Type/Intensity:	Step=0"	Pitch=-522",Yaw=+255"
UVSP 14:33				111/1		
Radio Sweeps				245/140 4995/98 8800/55		
Radio Frequency (MHz)/Flux(sfu):						
89/05/02 DOY=122						
Event # = 11197 89/05/02,14:38 Start	DOY=122 Peak	End times	N29E40	SMM Pointing:	Pitch=-657",Yaw=+330",Roll=-20deg	H.Ang=50deg
Optical			S18W06 Qual=00	Ha...Class=SF	Mac.=FHO	H.Ang=15deg
GOES 14:38:24	14:38:44	14:39:25	Qual=01	Peak...c/s=91	MaxkeV=144	
HXRBS 14:33				Wavelength=2788A	Rast=180"x1"	Pitch=-522",Yaw=+255"
UVSP 14:33				245/320 410/70	Step=0"	
Radio Frequency (MHz)/Flux(sfu):						
89/05/02 DOY=122						
Event # = 22691 89/05/02,16:40 Start	DOY=122 Peak	End times	N27E38 Qual=05	Ha...Class=1N Importance=M1	Mac.=DAI	H.Ang=48deg
Optical			Qual=5	CaPeak.c/s=480	Carr. Lon.=266deg	
GOES 16:08	16:40	17:49		Wavelength=2788A	FePeak.c/s=75	#Peaks=1 dt= 3.8s XEN=912201
BCS 16:50	16:51	17:22			Rast=240"x240"	Cad= 262s 1.024s/pixel
FCS 16:54					Step=15"	Pitch=-645",Yaw=+325"
UVSP 16:54					Step=3"	

Event # = 22692		89/05/02, 18:24		DOY=122			
Start	18:24	Peak	18:24	End times	18:39	Qual=00	
GOES				CaPeak.c/s=27	FePeak=18:24	Qual=5	
BCS	18:24			Wave length=1375A	Exp #=88144		
FCS							
UVSP	18:26						
FePeak.c/s=6		#Peaks=1		dt= 7.7s		XEN=912302	
Rast=0"x0"		Step=0"		Cad=1.02s		1.024s/pixel	
Rast=265"x265"		Step=5"		Pitch=-642"		Yaw=+316"	
Event # = 11198		89/05/02, 19:05		DOY=122			
Start	19:05	Peak	19:05	End times	20:25	Qual=00	
Optical				SMM Pointing:	N29E37		
GOES	18:46			Ha...Class=2N	S21W12		
HXRBS	18:48:31			Importance=M3	Qual=02		
UVSP	18:55			Peak...c/s=60	Qual=03		
Radio Sweeps				Wave length=1375A	Code=00		
Radio Frequency (MHz)/Flux(sfu):	245/560	410/140	606/39	1415/210	2695/110	4995/80	
Type/Intensity:		III/2		Pitch=-648", Yaw=+300", Roll=-20deg		H. Ang=48deg	
Mac. = FHO		Carr. Lon. = 314deg		MaxkeV=102		H. Ang=21deg	
Rast=10"x10"		Step=0"		Rast=10"x10"		Step=0"	
Flags=ES		Step=0"		Pitch=-689"		Yaw=+326"	
Event # = 11199		89/05/02, 20:02		DOY=122			
Start	20:02	Peak	20:02	End times	20:03:00	Qual=00	
Optical				SMM Pointing:	N29E37		
GOES	20:02:39			Code=LPS			
HXRBS	20:01			Peak...c/s=107	Qual=01		
UVSP	20:01			Wave length=1375A			
Radio Sweeps				V/3	Tot Cts=426		
Radio Frequency (MHz)/Flux(sfu):	245/500	410/270	1415/160		Exp #=88155		
Type/Intensity:		V/3		Pitch=-648", Yaw=+300", Roll=-20deg		H. Ang=48deg	
MaxkeV=144		Step=0"		Rast=10"x10"		Step=0"	
Rast=10"x10"		Step=0"		Pitch=-687"		Yaw=+324"	
Event # = 11200		89/05/03, 03:58		DOY=123			
Start	03:58	Peak	03:58	End times	04:55	Qual=00	
Optical				SMM Pointing:	N29E32		
GOES	03:24			Ha...Class=3B	N27E32		
HXRBS	03:39:58			Importance=SF	N21E33		
UVSP	03:42:00			Peak...c/s=12970	Qual=04		
Radio Sweeps				Wave length=2788A	Code=01		
Radio Frequency (MHz)/Flux(sfu):	410/4300	606/9100	1415/650	2695/1100	4995/1100	2695/1100	
Type/Intensity:		V/3		CaPeak.c/s=7808		Qual=1	
Rast=180"x180"		Step=10"		Rast=180"x180"		Step=10"	
Flags=M5, SN		Step=0"		Pitch=-498"		Yaw=+178"	
Dur=1260sec		Step=0"		Rast=180"x180"		Step=0"	
Rast=180"x180"		Step=0"		Pitch=-495"		Yaw=+172"	
Event # = 22694		89/05/03, 05:15		DOY=123			
Start	05:15	Peak	05:15	End times	06:09	Qual=00	
GOES	05:14			CaPeak.c/s=138	FePeak=05:15	Qual=5	
BCS	05:14			Wave length=2788A	Exp #=88178		
FCS	05:05						
UVSP	05:05						
FePeak.c/s=9		#Peaks=1		dt= 3.8s		XEN=912302	
Rast=240"x240"		Step=15"		Cad= 262s		1.024s/pixel	
Rast=180"x180"		Step=0"		Pitch=-495"		Yaw=+168"	

Event # = 11201																					
89/05/03, 10:34	Start	DOY=123	Peak		SMM Pointing:	N29E29														Pitch=-618", Yaw=+203", Roll=-20deg	H. Ang=43deg
G0ES				End times		Qual=00															
HXRBS	10:34:24	10:34:32	10:34:39		Peak...c/s=34	Qual=01	Tot Cts=80													Step=0"	Pitch=-484", Yaw=+133"
UVSP	10:41				Wavelength=2788A		Exp #=88186														
Event # = 11202																					
89/05/03, 11:35	Start	DOY=123	Peak		SMM Pointing:	N29E29															
Optical				End times		AR5470															
G0ES	11:22	11:35	11:40		Ha...Class=1F	Qual=01															
HXRBS	11:27:28	11:27:50	11:29:15		Importance=C5	Qual=01	Tot Cts=634														
BCS	11:25	11:34	11:55		Peak...c/s=55	Qual=1	FePeak=11:34														
FCS					CaPeak.c/s=186																
UVSP	11:17				Wave length=2788A	Code=00	Exp #=88187														
						Associated	Event # = 11203														
HXRBS	11:33:14	11:33:23	11:33:32		Peak...c/s=43	Qual=01	Tot Cts=92														
Event # = 22695																					
89/05/03, 13:10	Start	DOY=123	Peak																		
Optical				End times		AR5470															
G0ES	13:00	13:10	13:25		Ha...Class=SF	N28E25															
HXRBS	13:03	13:10	13:24		Importance=C3	Qual=01	FePeak=13:08														
FCS					CaPeak.c/s=73																
UVSP	12:49				Wavelength=2788A	Code=01	Exp #=88189														
Event # = 11204																					
89/05/03, 19:09	Start	DOY=123	Peak		SMM Pointing:	N29E25															
Optical				End times		AR5464															
G0ES	19:09:49	19:09:56	19:10:02		Ha...Class=SF	S22W26															
HXRBS	19:13				Peak...c/s=42	Qual=01	Tot Cts=87														
UVSP	19:13				Wavelength=1375A		Exp #=88205														
Radio Sweeps					III/2																
Radio Frequency (MHz)/Flux(sfu):					245/390																
Event # = 11205																					
89/05/03, 19:48	Start	DOY=123	Peak		SMM Pointing:	N29E25															
Optical				End times		AR5464															
G0ES	19:29	19:48	20:55		Ha...Class=1N	S19W26															
HXRBS	19:27:44	19:35:35	19:45:54		Importance=M1	Qual=01	Tot Cts=13938														
UVSP	19:33				Peak...c/s=82	Code=00	Exp #=88209														
Radio Sweeps					III/3																
Radio Frequency (MHz)/Flux(sfu):					1415/620	2695/150	4995/85	8800/62													

Event # = 11206		89/05/03, 21:04		DOY=123		SMM Pointing:		N29E24		Pitch=-597", Yaw=+142", Roll=-20deg		H. Ang=40deg	
Optical		Start		Peak		End times		N29E24		Carr. Lon.=314deg		H. Ang=31deg	
GOES	20:57	21:04	21:37	21:04	21:37	21:00:37	Ha...Class=IN	S21W26	AR5464	MaxKeV=102	dt= 7.7s	XEN=912305	
HXRBS	20:52:06	20:56:27	21:00:37	20:56:27	21:00:37	21:00:37	Importance=M2	Qual=03	Tot Cts=6025	FePeak.c/s=143	Cad= 332s	1.024s/pixel	
BCS	20:54	21:03	21:24	21:03	21:24	21:24	Peak...c/s=90	Qual=01	FePeak=21:01	Rast=180"x180"	Pitch=0"		
FCS							CaPeak.c/s=640	Qual= 1	Exp #=88216	Rast=10"x10"	Step=0"		
UVSP	21:03						Wavelength=1375A	Code=00					
								89/05/04					
Event # = 11207		89/05/04, 01:24		DOY=124		SMM Pointing:		N29E22		Pitch=-587", Yaw=+112", Roll=-20deg		H. Ang=39deg	
Optical		Start		Peak		End times		N29E22		Carr. Lon.=311deg		H. Ang=30deg	
GOES	01:23:41	01:24:18	01:24:41	01:24:18	01:24:41	01:24:41	Ha...Class=SB	S19W27	AR5464	MaxKeV=102	dt= 7.7s	XEN=912400	
HXRBS	02:09						Importance=M1	Qual=03	Tot Cts=277	Rast=180"x1"	Cad=1.02s	1.024s/pixel	
UVSP							Peak...c/s=41	Qual=01	Exp #=88233				
Radio	Sweeps	Type/Intensity:					Wavelength=2788A	Code=02					
								1415/15 2695/61 4995/130 8800/280 15400/250					
Event # = 11208		89/05/04, 03:37		DOY=124		SMM Pointing:		N29E20		Pitch=-581", Yaw=+92", Roll=-20deg		H. Ang=38deg	
Optical		Start		Peak		End times		N29E20		Carr. Lon.=311deg		H. Ang=30deg	
GOES	03:31	03:37	03:51	03:37	03:51	03:39:27	Ha...Class=SB	S19W27	AR5464	MaxKeV=231	dt= 7.7s	XEN=912400	
HXRBS	03:32:19	03:34:34	03:39:27	03:34:34	03:39:27	03:39:27	Importance=M1	Qual=03	Tot Cts=74394	Rast=180"x1"	Cad=1.02s	1.024s/pixel	
UVSP	03:41						Peak...c/s=1320	Qual=01	Exp #=88235				
Radio	Sweeps	Type/Intensity:					Wavelength=2788A	Code=02					
								1415/15 2695/61 4995/130 8800/280 15400/250					
Event # = 22696		89/05/04, 04:57		DOY=124		SMM Pointing:		N29E18		Pitch=-574", Yaw=+72", Roll=-20deg		H. Ang=37deg	
Optical		Start		Peak		End times		N29E18		Carr. Lon.=312deg		H. Ang=32deg	
GOES	04:45	04:57	05:24	04:57	05:24	05:24	Ha...Class=SF	S16W30	AR5464	MaxKeV=187	dt= 3.8s	XEN=912401	
BCS							Importance=C6	Qual=01	Tot Cts=3013	Rast=180"x1"	Cad=262s	1.024s/pixel	
FCS							Peak...c/s=132	Qual=01	Exp #=88240				
UVSP							Wavelength=2788A	Code=00					
								245/25000 410/1600 606/510					
Event # = 22697		89/05/04, 05:59		DOY=124		SMM Pointing:		N29E18		Pitch=-574", Yaw=+72", Roll=-20deg		H. Ang=37deg	
Optical		Start		Peak		End times		N29E18		Carr. Lon.=312deg		H. Ang=32deg	
GOES	05:52	05:59	06:04	05:59	06:04	06:08	Ha...Class=SF	S16W30	AR5464	MaxKeV=187	dt= 3.8s	XEN=912401	
BCS							Importance=C6	Qual=01	Tot Cts=3013	Rast=180"x1"	Cad=262s	1.024s/pixel	
FCS							Peak...c/s=132	Qual=01	Exp #=88240				
UVSP							Wavelength=2788A	Code=00					
								245/25000 410/1600 606/510					
Event # = 11209		89/05/04, 07:41		DOY=124		SMM Pointing:		N29E18		Pitch=-574", Yaw=+72", Roll=-20deg		H. Ang=37deg	
Optical		Start		Peak		End times		N29E18		Carr. Lon.=312deg		H. Ang=32deg	
GOES	07:38	07:41	07:43	07:41	07:43	07:43	Ha...Class=SF	S16W30	AR5464	MaxKeV=187	dt= 3.8s	XEN=912401	
HXRBS	07:37:58	07:38:28	07:40:18	07:38:28	07:40:18	07:40:18	Importance=C6	Qual=01	Tot Cts=3013	Rast=180"x1"	Cad=262s	1.024s/pixel	
UVSP	07:24						Peak...c/s=132	Qual=01	Exp #=88240				
Radio	Sweeps	Type/Intensity:					Wavelength=2788A	Code=00					
								245/25000 410/1600 606/510					
Event # = 11210		89/05/04, 07:41:23		DOY=124		SMM Pointing:		N29E18		Pitch=-574", Yaw=+72", Roll=-20deg		H. Ang=37deg	
Optical		Start		Peak		End times		N29E18		Carr. Lon.=312deg		H. Ang=32deg	
GOES	07:40:34	07:41:23	07:41:49	07:40:34	07:41:23	07:41:49	Ha...Class=SF	S16W30	AR5464	MaxKeV=187	dt= 3.8s	XEN=912401	
HXRBS							Importance=C6	Qual=01	Tot Cts=3013	Rast=180"x1"	Cad=262s	1.024s/pixel	
UVSP							Peak...c/s=132	Qual=01	Exp #=88240				
Radio	Sweeps	Type/Intensity:					Wavelength=2788A	Code=00					
								245/25000 410/1600 606/510					
Event # = 11211		89/05/04, 07:41:23		DOY=124		SMM Pointing:		N29E18		Pitch=-574", Yaw=+72", Roll=-20deg		H. Ang=37deg	
Optical		Start		Peak		End times		N29E18		Carr. Lon.=312deg		H. Ang=32deg	
GOES	07:40:34	07:41:23	07:41:49	07:40:34	07:41:23	07:41:49	Ha...Class=SF	S16W30	AR5464	MaxKeV=187	dt= 3.8s	XEN=912401	
HXRBS							Importance=C6	Qual=01	Tot Cts=3013	Rast=180"x1"	Cad=262s	1.024s/pixel	
UVSP							Peak...c/s=132	Qual=01	Exp #=88240				
Radio	Sweeps	Type/Intensity:					Wavelength=2788A	Code=00					
								245/25000 410/1600 606/510					

Event # = 11211	DOY=124	End times	SMM Pointing:	N29E18	Pitch=-570", Yaw=+61", Roll=-20deg	H. Ang=37deg
89/05/04, 08:24	Peak					
Optical			Ha...Class=SN	S19W31	Mac.=EKI	H. Ang=34deg
GOES	08:17	08:35	Importance=M3	Qual=03		
HXRBS	08:18:04	08:27:36	Peak...c/s=2609	Qual=01	Tot Cts=1.63E+5	Dur=300sec
GRS	08:19:00	08:24:00	Wavelength=2788A	Code=00	Exp #=88241	Pitch=-434", Yaw=-13"
UVSP	08:20		245/2200 410/710	606/32000	1415/160 2695/8000	8800/1800 15400/2500
Radio	Frequency(MHz)/Flux(sfu):					
Event # = 11212	DOY=124	End times	SMM Pointing:	N29E18	Pitch=-570", Yaw=+61", Roll=-20deg	H. Ang=37deg
89/05/04, 09:06	Peak					
Optical			Ha...Class=SF	N29E17	Mac.=EKI	H. Ang=37deg
GOES	09:06:36	09:07:10	Peak...c/s=42	Qual=01	Tot Cts=150	
HXRBS	09:06:36	09:06:47	Wavelength=2788A	Code=00	Exp #=88242	Pitch=-433", Yaw=-17"
UVSP	08:56					
Event # = 11213	DOY=124	End times	SMM Pointing:	N29E17	Pitch=-567", Yaw=+51", Roll=-20deg	H. Ang=37deg
89/05/04, 09:24	Peak					
GOES	09:24:04	09:24:30	Peak...c/s=47	Qual=00	Tot Cts=101	
HXRBS	09:24:04	09:24:30	Wavelength=2788A	Code=00	Exp #=88242	Pitch=-433", Yaw=-17"
UVSP	08:56					
Radio	Frequency(MHz)/Flux(sfu):					
Event # = 11214	DOY=124	End times	SMM Pointing:	N29E17	Pitch=-567", Yaw=+51", Roll=-20deg	H. Ang=37deg
89/05/04, 09:25	Peak					
GOES	09:25:29	09:25:57	Peak...c/s=74	Qual=01	Tot Cts=429	
HXRBS	09:25:29	09:25:39	Wavelength=2788A	Code=00	Exp #=88243	Pitch=-431", Yaw=-24"
UVSP	09:54					
Event # = 22698	DOY=124	End times	SMM Pointing:	N29E17	Pitch=-567", Yaw=+51", Roll=-20deg	H. Ang=37deg
89/05/04, 09:38	Peak					
GOES	09:37	09:42	CaPeak.c/s=20	Qual=00	FePeak.c/s=6	dt= 7.7s XEN=912403
BFS	09:37	09:42	Wavelength=2788A	Code=00	Exp #=88243	Cad=1.02s 1.024s/pixel
UVSP	09:54					Pitch=-431", Yaw=-24"
Event # = 11215	DOY=124	End times	SMM Pointing:	N29E17	Pitch=-567", Yaw=+51", Roll=-20deg	H. Ang=37deg
89/05/04, 09:58	Peak					
GOES	09:54	10:01	Importance=C6	Qual=03	Tot Cts=39488	Dur=60sec
HXRBS	09:55:28	09:56:29	Peak...c/s=1690	Qual=01	Exp #=88243	Pitch=-431", Yaw=-24"
GRS	09:56:00	09:57:00	Wavelength=2788A	Code=00	Exp #=88243	
UVSP	09:54					
Radio	Frequency(MHz)/Flux(sfu):					

Event # = 11217													
89/05/04, 11:15	Start	DOY=124	Peak										
Optical	SMM Pointing: N29E16 Pitch=-563", Yaw=+41", Roll=-20deg H. Ang=36deg												
GOES	11:00	11:15	11:41	End times									
HXRBS	11:05:32	11:13:50	11:35:55		Ha...Class=2N	AR5464	Mac.=EKI	Carr.Lon.=316deg	H. Ang=39deg				
GRS	11:13:00		11:17:00		Importance=M5			Flags=M5, EN					
UVSP	11:26				Peak...c/s=4157	Tot Cts=3.70E+5	MaxkeV=520						
Radio	Wavelength=2788A Exp #=88245 Rast=180"x1" Step=0" Pitch=-427", Yaw=-35" Dur=240sec												
HXRBS	11:00:14	11:00:46	11:01:39		245/1900 410/1300 606/8500 1415/260 2695/490 8800/480 15400/530								
					Associated Event # = 11216								
					Qual=01 Tot Cts=1627	MaxkeV=144							

Event # = 11218													
89/05/04, 12:20	Start	DOY=124	Peak										
Optical	SMM Pointing: N29E15 Pitch=-559", Yaw=+30", Roll=-20deg H. Ang=36deg												
GOES	12:19:49	12:20:08	12:20:49	End times	Qual=00								
HXRBS	12:19:49	12:20:08	12:20:49		Qual=01	Tot Cts=348	MaxkeV=102	Step=0"	Pitch=-425", Yaw=-39"				
UVSP	12:03				Wavelength=2788A	Exp #=88246	Rast=180"x1"						

Event # = 11219													
89/05/04, 12:55	Start	DOY=124	Peak										
Optical	SMM Pointing: N29E15 Pitch=-559", Yaw=+30", Roll=-20deg H. Ang=36deg												
GOES	12:52:16	12:55:53	12:58:39	End times	Qual=00								
HXRBS	12:52:16	12:55:53	12:58:39		Qual=01	Tot Cts=1592	MaxkeV=144	Step=0"	Pitch=-423", Yaw=-46"				
UVSP	13:00				Wavelength=2788A	Exp #=88247	Rast=180"x1"						

Event # = 22699													
89/05/04, 13:46	Start	DOY=124	Peak										
Optical	SMM Pointing: N29E15 Carr.Lon.=313deg H. Ang=38deg												
GOES	13:46	13:46	13:50	End times	Ha...Class=SF	AR5464	Mac.=EKI						
BCS	13:46	13:46	13:50		Qual=00								
FCS	13:35				Qual=5	FePeak=13:48	FePeak.c/s=9	dt= 7.7s	XEN=912404				
UVSP	13:35				CaPeak.c/s=19	Exp #=88248	Rast=180"x1"	Cad=1.02s	XEN=912404				
					Wavelength=2788A			Pitch=0"	XEN=912404				

Event # = 11220													
89/05/04, 15:24	Start	DOY=124	Peak										
Optical	SMM Pointing: S18W35 Pitch=-409", Yaw=-401", Roll=-20deg H. Ang=37deg												
GOES	15:14	15:24	15:30	End times	Ha...Class=SF	AR5470	Mac.=EKI	Carr.Lon.=261deg	H. Ang=35deg				
HXRBS	15:24:04	15:24:21	15:25:11		Qual=03								
BCS	15:18	15:19	15:37		Qual=01	Tot Cts=2387	MaxkeV=187						
FCS	15:22				Qual=5	FePeak=15:19	FePeak.c/s=32	dt= 3.8s	XEN=912405				
UVSP	15:22				CaPeak.c/s=183	Exp #=88250	Rast=180"x180"	Cad= 332s	XEN=912405				
Radio Sweeps	Wavelength=2788A Code=00 Exp #=88250												
Radio	III/2 Type/Intensity: III/2												
	606/5500 4995/62 8800/88 15400/75												

Event # = 22700													
89/05/04, 17:13	Start	DOY=124	Peak										
Optical	SMM Pointing: S19W35 Carr.Lon.=312deg H. Ang=37deg												
GOES	17:10	17:13	17:16	End times	Ha...Class=SF	AR5464	Mac.=EKI						
HXRBS	17:11	17:12	17:18		Importance=C2								
FCS	16:57				Qual=03	FePeak=17:12	FePeak.c/s=11	dt= 7.7s	XEN=912406				
UVSP	16:57				Qual=1	Exp #=88253	Rast=30"x30"	Cad=1.02s	XEN=912406				
					CaPeak.c/s=42								
					Wavelength=1375A								
					Code=00								

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	Qual=02	MaxkeV=102	Step=5" Pitch=+427", Yaw=-422"
HXRBS	17:20:27	17:20:59	Qual=01	Rast=30"x30"	
UVSP	17:31		Code=02	Exp #=88257	
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	Qual=01	MaxkeV=275	Flags=M5
HXRBS	18:38:31	18:43:14	Qual=01	FePeak.c/s=97	#Peaks=1 dt= 3.8s XEN=912407
BCS	18:35	18:50	Qual= 1	Rast=240"x240"	Step=15" Cad= 262s 1.024s/pixel
FCS				Rast=30"x30"	Step=5" Pitch=+390", Yaw=-424"
UVSP	18:29		Code=00	Exp #=88260	
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	Qual=00	FePeak.c/s=6	#Peaks=1 dt= 7.7s XEN=912408
BCS	18:50	18:57	Qual= 4	Rast=240"x240"	Step=15" Cad= 262s 1.024s/pixel
FCS				Rast=30"x30"	Step=5" Pitch=+401", Yaw=-430"
UVSP	18:47		Wavelength=1375A	Exp #=88262	
Event # = 22702	DOY=124				
89/05/04, 19:27	Peak	End times			
Optical			AR5470	Mac. =EKI	Carr. Lon. =261deg
GOES	19:05	20:21	N30E15	FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=912409
BCS	20:07	20:23	Qual=05	Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
FCS			Qual= 1	Rast=30"x30"	Step=5" Pitch=+401", Yaw=-432"
UVSP	19:03		Code=01	Exp #=88264	
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	S20W38	MaxkeV=102	Flags=EN
HXRBS	20:27:43	20:30:42	Qual=03	FePeak.c/s=147	#Peaks=1 dt= 3.8s XEN=912410
BCS	20:27	20:35:30	Qual=03	Rast=240"x240"	Step=15" Cad= 262s 1.024s/pixel
FCS		20:35	Qual= 2	Rast=30"x30"	Step=5" Pitch=+430", Yaw=-447"
UVSP	20:37		Code=00	Exp #=88271	
Radio	Frequency(MHz)/Flux(sfu): 8800/70				
Event # = 22703	DOY=124				
89/05/04, 21:49	Peak	End times			
GOES	21:49	21:58	Qual=00	FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=912411
BCS	21:49	21:58	Qual= 4	Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
FCS				Rast=10"x10"	Step=0" Pitch=+433", Yaw=-445"
UVSP	21:49		Wavelength=1375A	Exp #=88276	

Event # = 22704 DOY=124
 89/05/04, 23:26 Start Peak
 Optical Ha...Class=SF N32E18 Carr. Lon.=255deg H. Ang=40deg
 GOES 23:23 23:26 23:30 23:38 #Peaks=1 dt= 7.7s XEN=912412
 BCS 23:09 23:25 23:38 #Step=0 Cad=1.02s 1.024s/pixel
 FCS Wavelength=1375A Code=00 Exp #=88285 Rast=10"x10" Pitch=+463",Yaw=-435"
 UVSP

Event # = 22705 DOY=125
 89/05/05, 00:46 Start Peak
 GOES Qual=00 FePeak=00:45
 BCS 00:45 00:46 00:51 FePeak=00:45
 FCS CaPeak.c/s=23 Qual= 4
 UVSP Wavelength=1375A Exp #=88291

Event # = 22706 DOY=125
 89/05/05, 01:02 Start Peak
 GOES Qual=01 FePeak=01:01
 BCS 00:57 01:02 01:16 FePeak=01:01
 FCS CaPeak.c/s=105 Qual= 1
 UVSP Wavelength=1375A Exp #=88291

Event # = 11224 DOY=125
 89/05/05, 01:21 Start Peak
 GOES SMM Pointing: S18W40 Pitch=+432",Yaw=-465",Roll=-20deg
 HXRBS 01:19:49 01:20:06 01:20:29 Peak...c/s=43
 BCS 01:20 01:21 01:23 CaPeak.c/s=33
 FCS
 UVSP Wavelength=1375A Exp #=88291

Event # = 11225 DOY=125
 89/05/05, 02:54 Start Peak
 Optical SMM Pointing: S18W41 Pitch=+437",Yaw=-475",Roll=-20deg
 GOES 02:46 02:54 02:57 02:58 #Peaks=1 Carr. Lon.=313deg H. Ang=42deg
 HXRBS 02:48:02 02:48:22 02:50:13 Peak...c/s=131
 BCS 02:46 02:53 03:01 CaPeak.c/s=408 Qual=01 Tot Cts=1268
 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
 89/05/05, 03:02 Start Peak
 GOES Qual=05 FePeak=03:02
 BCS 03:02 03:02 03:03 FePeak=03:02
 FCS CaPeak.c/s=18 Qual= 5
 UVSP Wavelength=2788A Exp #=88293

Event # = 11232										
89/05/05	03:46	DOY=125			SMM Pointing:	S18W41			Pitch=+437", Yaw=-475", Roll=-20deg	H. Ang=43deg
	Start	Peak	End times						Mac. = EKI	
Optical										
	03:41	03:46	03:51		Ha...Class=SF	N29E06			Carr. Lon. = 265deg	H. Ang=33deg
GOES	03:43:01	03:43:07	03:43:10		Importance=C4	Qual=02				
HXRBS	03:43:01	03:43:07	03:43:10		Peak...c/s=44	Qual=01				
BCS	03:42	03:45	04:09		CaPeak.c/s=183	Qual= 1				
FCS										
UVSP	03:31				Wavelength=2788A	Code=00	Exp # = 88294			
Event # = 11226										
89/05/05	04:13	DOY=125			SMM Pointing:	S18W41			Pitch=+437", Yaw=-475", Roll=-20deg	H. Ang=43deg
	Start	Peak	End times						Mac. = EKI	
Optical										
	04:06	04:13	04:20		Ha...Class=SF	N32E15	AR5470			
GOES	04:08:22	04:10:06	04:13:24		Importance=C5	Qual=01				
HXRBS	04:08:22	04:10:06	04:13:24		Peak...c/s=90	Qual=01				
UVSP	04:28				Wavelength=2788A		Tot Cts=3364			
					Associated		Exp # = 88295			
					Qual = 4		Event # = 22708			
BCS	04:22	04:24	04:28		CaPeak.c/s=22		FePeak=04:25			
FCS										
					Associated		Event # = 22709			
BCS	04:30	04:31	04:36		CaPeak.c/s=25	Qual = 4	FePeak=04:30			
FCS										
Event # = 11227										
89/05/05	05:32	DOY=125			SMM Pointing:	S18W42			Pitch=+441", Yaw=-486", Roll=-20deg	H. Ang=44deg
	Start	Peak	End times						Mac. = EKC	
Optical										
	05:24	05:32	05:41		Ha...Class=1B	S18W33	AR5464			
GOES	05:25:04	05:26:44	05:32:51		Importance=M1	Qual=01				
HXRBS	05:25:04	05:26:44	05:32:51		Peak...c/s=847	Qual=01				
BCS	05:26	05:30	05:47		CaPeak.c/s=735	Qual= 1				
FCS										
UVSP	05:05				Wavelength=2788A	Code=01	Exp # = 88296			
					Frequency(MHz)/Flux(sfu):	2695/36	4995/120	8800/55	15400/38	
					Associated		Event # = 22710			
BCS	05:47	05:47	06:05		CaPeak.c/s=37	Qual = 5	FePeak=05:47			
FCS										
UVSP	06:02				Wavelength=2788A		Exp # = 88297			
Event # = 11228										
89/05/05	06:55	DOY=125			SMM Pointing:	S18W43			Pitch=+446", Yaw=-496", Roll=-20deg	H. Ang=44deg
	Start	Peak	End times							
Optical										
	06:55:15	06:55:27	06:56:00		Peak...c/s=49	Qual=00				
GOES	06:55:15	06:55:27	06:56:00		Wavelength=2788A		Tot Cts=331			
HXRBS	06:55:15	06:55:27	06:56:00				Exp # = 88298			
UVSP	06:37									
Event # = 11229										
89/05/05	07:01	DOY=125			SMM Pointing:	S18W43			Pitch=+446", Yaw=-496", Roll=-20deg	H. Ang=44deg
	Start	Peak	End times							
Optical										
	07:01:42	07:01:47	07:02:04		Peak...c/s=41	Qual=00				
GOES	07:01:42	07:01:47	07:02:04		CaPeak.c/s=19	Qual=01				
HXRBS	07:01:42	07:01:47	07:02:04		Wavelength=2788A		Tot Cts=93			
BCS	07:01	07:01	07:03				FePeak=07:01			
FCS										
UVSP	06:37						Exp # = 88298			

Event # = 11230		DOY=125		SMM Pointing:		S18W43		Pitch=+446", Yaw=-496", Roll=-20deg		H. Ang=44deg	
89/05/05	07:37	Start	End times	Ha...Class=3B	N30E01	AR5470	Mac.=EKI	Carr.Lon.=268deg	H. Ang=34deg		
Optical				Importance=X2	Qual=03			Flags=M5, IN			
GOES	07:21	07:37	09:11	Peak...c/s=14950	Qual=11	Tot Cts=4.48E+6	MaxkeV=858				
HXRBS	07:21:16	07:30:37	08:24:17	CaPeak.c/s=20	Qual= 4	FePeak=07:40	FePeak.c/s=13	#Peaks=1	dt= 7.7s	Dur=480sec	
GRS	07:27:00	07:35:00	07:35:00	Wavelength=2788A	Code=00	Exp #=88299	Rast=0"x0"	Step=0"	Cad=1.02s	XEN=912511	
BCS	07:40	07:40	07:42	IV/2			Rast=180"x1"	Step=0"	Pitch=+329", Yaw=-319"		
FCS				Type/Intensity:							
UVSP	07:34			Frequency(MHz)/Flux(sfu):	245/1300	410/300	606/330	1415/1400	2695/1000	4995/2200	8800/3500
Radio Sweeps											
Radio											
Event # = 11231		DOY=125		SMM Pointing:		S18W45		Pitch=+456", Yaw=-519", Roll=-20deg		H. Ang=46deg	
89/05/05	10:45	Start	End times	Qual=00							
GOES	10:42:53	10:43:17	10:43:50	Peak...c/s=65	Qual=01	Tot Cts=856	MaxkeV=144	#Peaks=1	dt= 7.7s	XEN=912512	
HXRBS	10:43	10:45	10:49	CaPeak.c/s=36	Qual= 1	FePeak=10:45	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel	
BCS				Wavelength=2788A		Exp #=88303	Rast=180"x1"	Step=0"	Pitch=+336", Yaw=-337"		
FCS											
UVSP	10:40			Frequency(MHz)/Flux(sfu):	8800/55	15400/140					
Radio Sweeps											
Radio											
Event # = 22711		DOY=125		SMM Pointing:		S18W46		Pitch=+460", Yaw=-529", Roll=-20deg		H. Ang=47deg	
89/05/05	11:27	Start	End times	Qual=00							
GOES	11:27	11:27	11:38	CaPeak.c/s=33	Qual= 5	FePeak=11:31	FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=912513	
HXRBS				Wavelength=2788A		Exp #=88304	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel	
BCS							Rast=180"x1"	Step=0"	Pitch=+338", Yaw=-340"		
FCS											
UVSP	11:17										
Radio Sweeps											
Radio											
Event # = 11233		DOY=125		SMM Pointing:		S18W46		Pitch=+460", Yaw=-529", Roll=-20deg		H. Ang=47deg	
89/05/05	12:13	Start	End times	Qual=00							
Optical				Ha...Class=1N	S18W40	AR5464	Mac.=EKC	Carr.Lon.=306deg	H. Ang=42deg		
GOES	12:07	12:13	12:18	Importance=C5	Qual=03						
HXRBS	12:06:58	12:09:17	12:09:57	Peak...c/s=196	Qual=01	Tot Cts=2747	MaxkeV=187	#Peaks=1	dt= 3.8s	XEN=912514	
BCS	12:09	12:13	12:22	CaPeak.c/s=232	Qual= 1	FePeak=12:12	FePeak.c/s=50	Step=15"	Cad= 262s	1.024s/pixel	
FCS				Wavelength=2788A		Exp #=88305	Rast=240"x240"	Step=0"	Pitch=+340", Yaw=-345"		
UVSP	12:14			IV/2			Rast=180"x1"	Step=0"			
Radio Sweeps				Type/Intensity:							
Radio				Frequency(MHz)/Flux(sfu):	245/340	410/120	606/130				
Event # = 11234		DOY=125		SMM Pointing:		S18W46		Pitch=+460", Yaw=-529", Roll=-20deg		H. Ang=47deg	
89/05/05	13:13	Start	End times	Qual=01							
Optical				Ha...Class=SF	S17W55	AR5464	Mac.=EKC	Carr.Lon.=321deg	H. Ang=56deg		
GOES	13:00	13:13	13:38	Importance=C4	Qual=01						
HXRBS	13:07:57	13:08:19	13:09:02	Peak...c/s=47	Qual=01	Tot Cts=369	MaxkeV=102	#Peaks=1	dt= 3.8s	XEN=912515	
BCS	13:03	13:12	13:49	CaPeak.c/s=97	Qual= 1	FePeak=13:11	FePeak.c/s=20	Step=15"	Cad= 262s	1.024s/pixel	
FCS				Wavelength=2788A		Exp #=88306	Rast=180"x1"	Step=0"	Pitch=+342", Yaw=-348"		
UVSP	12:49										

Event # = 11235	DOY=125	S18W49	Pitch=+476", Yaw=-560", Roll=-20deg	H. Ang=50deg
89/05/05, 18:02	Peak			
Optical	End times			
GOES 18:01	18:02	S18W50	Mac.=EKC	H. Ang=51deg
HXRBS 18:01-22	18:01-42	Qual=01	Carr. Lon.=313deg	
BCS 17:43	18:03	Qual=01		
FCS 17:57	18:09	Qual=1		
UVSP	17:57	Code=00		
Radio Sweeps	Type/Intensity:			
Radio Frequency(MHz)/Flux(sfu):	V/2			
	245/3700 410/640			
Event # = 22712	DOY=125	S19W46	Mac.=EKC	H. Ang=47deg
89/05/05, 19:14	Peak			
Optical	End times			
GOES 19:12	19:14	Qual=00		
BCS 19:12	19:21	Qual=4		
FCS 19:15	19:15	Qual=4		
UVSP 19:15	19:15	FePeak=19:14		
		Exp #=88319		
Event # = 22713	DOY=125			
89/05/05, 20:52	Peak			
GOES 20:52	20:52	Qual=01		
BCS 20:52	20:55	Qual=4		
FCS 20:50	20:50	FePeak=20:52		
UVSP 20:50	20:50	Exp #=88329		
Event # = 22714	DOY=126			
89/05/06, 00:01	Peak			
GOES 23:50	00:01	Qual=00		
BCS 23:50	00:43	Qual=4		
FCS 23:56	23:56	FePeak=23:50		
UVSP 23:56	23:56	Exp #=88343		
Event # = 22715	DOY=126			
89/05/06, 01:23	Peak			
GOES 01:22	01:23	Qual=00		
BCS 01:22	01:58	Qual=5		
FCS 01:25	01:25	FePeak=01:23		
UVSP 01:25	01:25	Exp #=88348		
Event # = 22716	DOY=126			
89/05/06, 02:09	Peak			
GOES 02:08	02:09	Qual=00		
BCS 02:08	02:15	Qual=4		
FCS 02:01	02:01	FePeak=02:08		
UVSP 02:01	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.c/s=6	#Peaks=1
BCS				Wavelength=1375A	Qual=5	Rast=0"x0"	Step=0"
FCS						Rast=265"x265"	Step=5"
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.c/s=6	#Peaks=1
BCS				Wave length=1375A	Qual=4	Rast=0"x0"	Step=0"
FCS				Type/Intensity: III/1		Rast=10"x10"	Step=0"
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.c/s=7	#Peaks=1
BCS	04:47	04:49	04:49	CaPeak.c/s=20	Qual=4	Rast=0"x0"	Step=0"
FCS				Wave length=2788A		Rast=180"x1"	Step=0"
UVSP	04:20			Type/Intensity: III/1		dt= 7.7s	XEN=912604
				Frequency(MHz)/Flux(sfu): 245/98		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"
GOES	05:06	05:34	05:48	Ha...Class=SN		Mac.=DSO	Carr. Lon.=197deg
HXRBS	05:07:09	05:08:24	05:12:19	Importance=M2	AR5470	MaxkeV=275	Flags=FS
UVSP	05:51			Peak...c/s=546	Tot Cts=10975	Rast=180"x1"	Step=0"
				Wave length=2788A	Exp #=88366		Pitch=+381"
							Yaw=-431"
Event # = 22720		DOY=126		End times			
89/05/06	06:57	Start	Peak				
Optical				Ha...Class=SF	N11W78	Carr. Lon.=334deg	H. Ang=79deg
GOES	06:48	06:57	07:07	Importance=C3	AR5463	#Peaks=1	dt= 3.8s
BCS	06:53	06:56	06:57	CaPeak.c/s=51	Qual=2	Step=0"	XEN=912605
FCS				Wave length=2788A	Code=00	Rast=0"x0"	Cad=1.02s
UVSP	06:48			Type/Intensity: II/2		Rast=180"x1"	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.c/s=8	#Peaks=1
BCS				Wave length=2788A	Qual=1	Rast=0"x0"	Step=0"
FCS						Rast=180"x1"	Step=0"
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	#Peaks=1	dt= 7.7s
GOES				Qual= 4		Step=0"	XEN=912608
BCS				CaPeak.c/s=18	Exp #=88369	Step=0"	Cad=1.02s
FCS				Wavelength=2788A		Step=0"	Pitch=+386",Yaw=-442"
UVSP							
Event # = 22723		DOY=126		End times			
89/05/06,11:03	Start	11:01	11:07	Qual=01	FePeak=11:02	#Peaks=1	dt= 7.7s
GOES				Qual= 1		Step=0"	XEN=912609
BCS				CaPeak.c/s=44	Exp #=88373	Step=0"	Cad=1.02s
FCS				Wavelength=2788A		Step=0"	Pitch=+392",Yaw=-455"
UVSP							
Event # = 22724		DOY=126		End times			
89/05/06,12:14	Start	12:14	12:26	Qual=00	FePeak=12:21	#Peaks=1	dt= 7.7s
GOES				Qual= 5	Exp #=88374	Step=0"	XEN=912610
BCS				CaPeak.c/s=19		Step=0"	Cad=1.02s
FCS				Wavelength=2788A		Step=0"	Pitch=+393",Yaw=-457"
UVSP							
Event # = 22725		DOY=126		End times			
89/05/06,13:00	Start	13:00	13:09	S20W60	AR5464	Carr. Lon.=313deg	H. Ang=61deg
Optical				Qual=00			
GOES				Ha...Class=SF			
BCS				CaPeak.c/s=28	Exp #=88375		
FCS				Wavelength=2788A			
UVSP							
Event # = 11237		DOY=126		End times			
89/05/06,14:59	Start	14:42	14:59	S18W60	AR5464	Pitch=+515",Yaw=-645",Roll=-20deg	H. Ang=60deg
Optical				Qual=02			
GOES				Ha...Class=SN			
HXRBS				Importance=M2	Tot Cts=408	Flags=M5,EN	
BCS				Peak...c/s=53	FePeak=14:41	#Peaks=1	dt= 7.7s
FCS				CaPeak.c/s=26	Exp #=88378	Step=0"	XEN=912612
UVSP				Wavelength=2788A		Step=3"	Cad=1.02s
							Pitch=-786",Yaw=-253"
Event # = 22726		DOY=126		End times			
89/05/06,15:20	Start	15:19	15:45	Qual=00	FePeak=15:20	#Peaks=1	dt= 3.8s
GOES				Qual= 5	Exp #=88378	Step=15"	XEN=912613
BCS				CaPeak.c/s=419		Step=3"	Cad= 262s
FCS				Wavelength=2788A			Pitch=-786",Yaw=-253"
UVSP							

Event # = 11238		SMM Pointing: S18W61		Pitch=+525", Yaw=-652", Roll=-20deg		H. Ang=61deg	
89/05/06	17:04	DOY=126	Peak				
Optical				Ha...Class=2B	AR5476	Mac.=DS0	Carr. Lon.=192deg
GOES	16:57	17:04	17:38	S31E59			H. Ang=62deg
HXRBS	16:54:12	17:01:11	17:08:16	Qual=03			
GRS	17:01:00		17:04:00	Peak...c/s=6260	Tot Cts=2.38E+5	MaxkeV=631	Flags=M5
BCS	16:53	16:59	17:21	CaPeak.c/s=26	Qual= 4	FePeak=17:02	Dur=180sec
FCS							XEN=912614
UVSP	16:58			Wavelength=1375A	Code=00	Exp #=88381	Cad=1.02s
Radio	Frequency(MHz)/Flux(sfu):	1415/200	2695/150	4995/210	8800/350	15400/750	Pitch=+488", Yaw=-659"
Event # = 22727		SMM Pointing: S18W64		Pitch=+530", Yaw=-672", Roll=-20deg		H. Ang=64deg	
89/05/06	18:26	DOY=126	Peak				
Optical				Ha...Class=SF	AR5464	Mac.=EKC	Carr. Lon.=306deg
GOES	18:26	18:26	18:53	S23W56			H. Ang=57deg
BCS	18:26	18:26	18:53	Qual=00	FePeak=18:29		#Peaks=2
FCS				Qual= 4	Exp #=88386		dt= 7.7s
UVSP	18:27			CaPeak.c/s=28			XEN=912615
				Wavelength=1375A			Cad=1.02s
							Pitch=+534", Yaw=-653"
Event # = 22728		SMM Pointing: S18W64		Pitch=+530", Yaw=-672", Roll=-20deg		H. Ang=64deg	
89/05/06	19:41	DOY=126	Peak				
Optical				Ha...Class=SF	AR5470	Mac.=EKI	Carr. Lon.=262deg
GOES	19:35	19:41	19:53	N28W13			H. Ang=34deg
BCS	19:57	19:58	20:11	Qual=05	FePeak=19:58		#Peaks=1
FCS				Qual= 5	Exp #=88393		dt= 3.8s
UVSP	19:59			CaPeak.c/s=45			XEN=912616
				Wavelength=1375A			Step=15"
							Cad= 262s
							Pitch=+537", Yaw=-658"
Event # = 11239		SMM Pointing: S18W64		Pitch=+530", Yaw=-672", Roll=-20deg		H. Ang=64deg	
89/05/06	20:26	DOY=126	Peak				
GOES	20:24:56	20:25:12	20:25:35	Qual=01	Tot Cts=614		#Peaks=1
HXRBS	20:26	20:26	20:29	Qual=01	FePeak=20:26		dt= 7.7s
BCS	20:26	20:26	20:29	Qual= 4	Exp #=88397		XEN=912617
FCS				CaPeak.c/s=31			Step=15"
UVSP	20:19			Wavelength=1375A			Cad= 262s
Radio	Frequency(MHz)/Flux(sfu):	15400/70					Pitch=+494", Yaw=-671"
Event # = 22729		SMM Pointing: S18W64		Pitch=+530", Yaw=-672", Roll=-20deg		H. Ang=64deg	
89/05/06	22:09	DOY=126	Peak				
GOES	22:06	22:09	22:16	Qual=00	FePeak=22:08		#Peaks=1
BCS	22:06	22:09	22:16	Qual= 3	Exp #=88404		dt= 7.7s
FCS				CaPeak.c/s=29			XEN=912618
UVSP	21:53			Wavelength=1375A			Cad=1.02s
							Pitch=+572", Yaw=-636"
Event # = 22730		SMM Pointing: S18W64		Pitch=+530", Yaw=-672", Roll=-20deg		H. Ang=64deg	
89/05/06	23:03	DOY=126	Peak				
GOES	23:03	23:03	23:21	Qual=05	FePeak=23:04		#Peaks=1
BCS	23:03	23:05	23:14	Qual= 5	Exp #=88407		dt= 3.8s
FCS				Importance=C3			XEN=912619
UVSP	23:05			CaPeak.c/s=47			Cad= 262s
				Wavelength=1375A			Pitch=+542", Yaw=-668"

Event # = 22731	DOY=127	Peak	End times	Ha...Class=1N	N10W30	Carr. Lon.=276deg	H. Ang=33deg
89/05/07, 00:46	00:46	00:46	00:53	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	01:16:36	01:17:45	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	dt= 7.7s
89/05/07, 03:44	03:44	03:44	03:52	WaveLength=1375A	Qual=5	Step=0"	XEN=912701
GOES						Step=5"	Cad=1.02s
BCS						Step=5"	Pitch=+550", Yaw=-682"
FCS							
UVSP							
Event # = 22733	DOY=127	Peak	End times	Ha...Class=SF	S21W64	Mac.=EKI	Carr. Lon.=309deg
89/05/07, 03:57	03:57	03:57	03:59	CaPeak.c/s=26	Qual=00	FePeak.c/s=6	dt= 7.7s
Optical				WaveLength=1375A	Qual=1	Step=0"	XEN=912702
GOES						Step=0"	Cad=1.02s
BCS						Step=0"	Pitch=+517", Yaw=-700"
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	05:24:45	Peak...c/s=87	Qual=00	MaxkeV=144	
GOES				WaveLength=2788A	Qual=01	Rast=180" x1"	Pitch=+423", Yaw=-514"
HXRBS				Frequency(MHz)/Flux(sfu):			
UVSP							
Radio							
Event # = 22734	DOY=127	Peak	End times	CaPeak.c/s=139	Qual=00	FePeak.c/s=24	dt= 7.7s
89/05/07, 05:54	05:54	05:54	06:12	WaveLength=2788A	Qual=1	Step=15"	XEN=912703
GOES						Step=0"	Cad= 262s
BCS						Step=0"	Pitch=+425", Yaw=-516"
FCS							
UVSP							

Event # = 11242			
89/05/07,07:04	DOY=127		Pitch=+547", Yaw=-704", Roll=-20deg
Start	Peak		H. Ang=69deg
Optical		S18W69	
GOES	07:04	S30F52	
HXRBS	06:53:40	Qual=01	
BCS	06:49	Qual=01	
FCS	06:49	Qual=5	
UVSP	06:39	Code=01	
SMM Pointing: Ha...Class=IF Carr. Lon.=191deg			
Importance=M1 AR5476			
Peak...c/s=160 Tot Cts=2259			
CaPeak.c/s=25 FePeak=06:51			
Wavelength=2788A			
Code=01 Exp #=88436			
Event # = 11243			
89/05/07,07:23	DOY=127		Pitch=+547", Yaw=-704", Roll=-20deg
Start	Peak	S18W69	H. Ang=69deg
GOES		Qual=00	
HXRBS	07:23:12	Qual=01	
UVSP	07:34	Qual=01	
SMM Pointing: Ha...Class=IF Carr. Lon.=191deg			
Importance=M1 AR5476			
Peak...c/s=78 Tot Cts=310			
Wavelength=2788A WaveLength=2788A Exp #=88437			
Event # = 11244			
89/05/07,08:32	DOY=127		Pitch=+547", Yaw=-704", Roll=-20deg
Start	Peak	S18W69	H. Ang=69deg
GOES	08:32	Qual=01	
HXRBS	08:23:49	Qual=01	
BCS	08:26	Qual=1	
FCS	08:26	Qual=1	
UVSP	08:11	Code=01	
SMM Pointing: Ha...Class=IF Carr. Lon.=191deg			
Importance=C2 AR5476			
Peak...c/s=245 Tot Cts=4823			
CaPeak.c/s=35 FePeak=08:26			
Wavelength=2788A			
Code=01 Exp #=88438			
Event # = 11245			
89/05/07,08:46	DOY=127		Pitch=+547", Yaw=-704", Roll=-20deg
Start	Peak	S18W69	H. Ang=69deg
GOES		Qual=00	
HXRBS	08:46:21	Qual=01	
UVSP	09:08	Qual=01	
SMM Pointing: Ha...Class=IF Carr. Lon.=191deg			
Importance=M1 AR5464			
Peak...c/s=160 Tot Cts=360			
Wavelength=2788A WaveLength=2788A Exp #=88439			
Event # = 11246			
89/05/07,08:57	DOY=127		Pitch=+547", Yaw=-704", Roll=-20deg
Start	Peak	S18W69	H. Ang=69deg
Optical		S21W71	
GOES	08:55:25	Qual=01	
HXRBS	08:55:29	Qual=01	
BCS	08:55	Qual=1	
FCS	08:57	Qual=1	
UVSP	09:08	Code=01	
SMM Pointing: Ha...Class=IF Carr. Lon.=313deg			
Importance=M1 AR5476			
Peak...c/s=41 Tot Cts=153			
CaPeak.c/s=36 FePeak=08:57			
Wavelength=2788A			
Code=01 Exp #=88439			
Event # = 11247			
89/05/07,09:08	DOY=127		Pitch=+547", Yaw=-704", Roll=-20deg
Start	Peak	S18W69	H. Ang=69deg
GOES		Qual=01	
HXRBS	09:07:47	Qual=01	
UVSP	09:08	Qual=01	
SMM Pointing: Ha...Class=IF Carr. Lon.=191deg			
Importance=M1 AR5476			
Peak...c/s=48 Tot Cts=188			
Wavelength=2788A WaveLength=2788A Exp #=88439			

Event # = 22735	DOY=127	End times	Qual=00	FePeak=12:21	#Peaks=1	dt= 7.7s	XEN=912707
89/05/07, 12:20	Peak	12:23	Qual= 4	Exp #=88443	Step=0"	Cad=1.02s	1.024s/pixel
G0ES	12:20	CaPeak.c/s=19	Wave length=2788A		Step=0"	Pitch=+434"	Yaw=-532"
BGS	12:14						
UVSP	12:14						
FePeak.c/s=12							
Rast=0"x0"							
Rast=180"x1"							
Event # = 22736	DOY=127	End times	S21W72	AR5464	Carr. Lon.=311deg	H. Ang=72deg	
89/05/07, 14:38	Peak	15:17	Qual=03	FePeak=14:37	#Peaks=1	dt= 3.8s	XEN=912708
Optical	14:25	Ha...Class=SF	Importance=C3		Step=15"	Cad= 262s	1.024s/pixel
G0ES	14:33	CaPeak.c/s=68	Qual= 1		Step=0"	Pitch=+437"	Yaw=-536"
BGS	14:24						
FCS	14:24						
UVSP	14:24						
Wave length=2788A							
Code=00							
Exp #=88446							
Event # = 11248	DOY=127	End times	S18W76		Pitch=-879"	Yaw=-279"	Roll=90deg
89/05/07, 16:23	Peak	16:23:52	Qual=00	Tot Cts=490	MaxkeV=102		
G0ES	16:23:21	Peak...c/s=68	Qual=01	Exp #=88448	Rast=243"x243"	Pitch=-866"	Yaw=-266"
HXRBS	16:09	Wave length=2788A					
UVSP	16:09						
Event # = 11249	DOY=127	End times	S18W75	AR5464	Carr. Lon.=312deg	H. Ang=75deg	
89/05/07, 17:58	Peak	18:02	Qual=01	Tot Cts=438	#Peaks=1	dt= 3.8s	XEN=912709
Optical	17:55	Ha...Class=1F	Importance=C5	FePeak=17:57	Step=15"	Cad= 262s	1.024s/pixel
G0ES	17:56:01	Peak...c/s=43	Qual=01		Step=5"	Pitch=+572"	Yaw=-687"
HXRBS	17:54	CaPeak.c/s=209	Qual= 1				
BGS	17:43						
FCS	17:43						
UVSP	17:43						
Wave length=1375A							
Code=00							
Exp #=88451							
Event # = 11250	DOY=127	End times	S29E45	AR5464	Carr. Lon.=314deg	H. Ang=50deg	
89/05/07, 19:14	Peak	19:17	Qual=01	Tot Cts=986	MaxkeV=102		
Optical	19:08	Ha...Class=SN	Importance=C7	FePeak=19:13	Rast=265"x265"	Pitch=+211"	Yaw=+716"
G0ES	19:11:37	Peak...c/s=54	Qual=01	Exp #=88456			
HXRBS	19:13	Wave length=1375A					
UVSP	19:13						
Event # = 11251	DOY=127	End times	S29E45	AR5464	Carr. Lon.=319deg	H. Ang=82deg	
89/05/07, 19:42	Peak	20:08	Qual=03	Tot Cts=3095	MaxkeV=102		
Optical	19:30	Ha...Class=SF	Importance=C7	FePeak=19:39	Rast=30"x30"	Pitch=+239"	Yaw=+682"
Optical	19:30	Ha...Class=SF	N26E67	Exp #=88460	MaxkeV=102		
G0ES	19:34:58	Peak...c/s=82	Qual=01	Event # = 11252	FePeak.c/s=7		
HXRBS	19:37	CaPeak.c/s=27	Qual= 1	Tot Cts=222	Rast=0"x0"		
BGS	19:29:00	Wave length=1375A		Exp #=88458			
FCS	19:29:00	Peak...c/s=49	Qual=01	Exp #=88458			
UVSP	19:16	Wave length=1375A					

Event # = 11253
 89/05/07, 20:50 DOY=127 Peak Pitch=+204", Yaw=+703", Roll=-20deg H.Ang=50deg
 GOES S29E45 SMM Pointing: Qual=00
 HXRBS 20:50:28 20:50:38 20:51:39 Peak...c/s=53 Qual=01 H.Ang=77deg
 UVSP 20:50 Wavelength=1375A Exp #=88465 MaxkeV=102 H.Ang=49deg
 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 Mac.=EKI Carr.Lon.=312deg H.Ang=77deg
 GOES 21:11 21:19 21:25 Ha...Class=1B S21W77 AR5464 H.Ang=49deg
 HXRBS 21:12:40 21:17:51 21:19:01 Ha...Class=SF S30E44 AR5476 H.Ang=49deg
 BCS 21:14 21:18 21:27 Importance=M2 Qual=01
 FCS CaPeak...c/s=174 Qual=01
 UVSP 21:07 Wavelength=1375A Code=00 Exp #=88467 MaxkeV=144
 FePeak...c/s=11 dt= 3.8s XEN=912711
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
 Rast=30"x30" 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 Exp #=88483 FePeak=00:32
 dt= 7.7s XEN=912800
 Step=5" Pitch=+242", Yaw=+631"

Event # = 11255
 89/05/08, 01:46 DOY=128
 Optical S29E42 Pitch=+214", Yaw=+670", Roll=-20deg H.Ang=48deg
 GOES 01:16 01:46 02:05 Ha...Class=IF N30W27 AR5470 Mac.=DAI Carr.Lon.=260deg H.Ang=42deg
 HXRBS 01:38:18 01:38:39 01:43:40 Importance=M1 Qual=01
 UVSP 01:31 Peak...c/s=134 Qual=01 Tot Cts=5996
 Radio Frequency(MHz)/Flux(sfu): 2695/39 4995/68 8800/41 Exp #=88485 MaxkeV=102
 H.Ang=650"
 HXRBS 01:53:06 01:53:26 01:53:36 Peak...c/s=72 Associated Event # = 11256
 Qual=01 Tot Cts=369 MaxkeV=102

Event # = 11257
 89/05/08, 03:40 DOY=128
 GOES S29E41 Pitch=+217", Yaw=+660", Roll=-20deg H.Ang=47deg
 HXRBS 03:40:20 03:40:40 03:40:56 Peak...c/s=57 Qual=00
 UVSP 03:28 Wavelength=1375A Exp #=88492 MaxkeV=102
 Rast=10"x10" Step=0" Pitch=+237", Yaw=+594"

Event # = 11258
 89/05/08, 04:39 DOY=128
 GOES S29E41 Pitch=+217", Yaw=+660", Roll=-20deg H.Ang=47deg
 HXRBS 04:38:47 04:39:29 04:39:54 Peak...c/s=38 Qual=00
 UVSP 04:20 Wavelength=2788A Exp #=88495 MaxkeV=102
 Rast=180"x1" Step=0" Pitch=+98", Yaw=+838"

Event # = 11259	DOY=128	S29E40	Pitch=+220", Yaw=+649", Roll=-20deg	H. Ang=46deg
89/05/08 05:26	Peak			
Optical	End times			
GOES 05:15	05:26	Ha...Class=1F	Mac.=DAI	Carr. Lon.=211deg
HXRBS 05:22:06	05:23:58	Importance=C5	AR5474	
UVSP 05:16	05:23:58	Peak...c/s=56	Tot Cts=720	
Radio	Frequency(MHz)/Flux(sfu):	Wave length=2788A	Code=01	Exp #=88496
		410/22 606/45 1415/87 2695/40	Step=0"	Pitch=+100", Yaw=+833"
Event # = 11260	DOY=128	S29E36	Pitch=+234", Yaw=+606", Roll=-20deg	H. Ang=43deg
89/05/08 14:07	Peak			
Optical	End times			
GOES 14:07:37	14:08:08	Ha...Class=SF	AR5478	
HXRBS 14:33	14:08:08	Peak...c/s=49	Tot Cts=169	
UVSP 14:33	14:08:08	Wave length=2788A	Exp #=88508	
Radio	Frequency(MHz)/Flux(sfu):	410/74	Step=0"	Pitch=+117", Yaw=+780"
Event # = 11261	DOY=128	S29E35	Pitch=+237", Yaw=+596", Roll=-20deg	H. Ang=42deg
89/05/08 15:24	Peak			
GOES 15:21:43	15:34:00	Qual=00	Tot Cts=1964	
HXRBS 15:23	15:34:00	Qual=01	Exp #=88509	
UVSP 15:23	15:34:00	Peak...c/s=42	Step=5"	Pitch=+247", Yaw=+603"
Radio	Frequency(MHz)/Flux(sfu):	Wave length=1375A		
Event # = 11262	DOY=128	S29E31	Pitch=+252", Yaw=+552", Roll=-20deg	H. Ang=40deg
89/05/08 21:43	Peak			
Optical	End times			
GOES 21:43:05	21:43:28	Ha...Class=SF	AR5476	
HXRBS 21:43:05	21:43:28	Peak...c/s=44	Tot Cts=94	
UVSP 21:36	21:43:28	Wave length=1375A	Exp #=88539	
Radio	Frequency(MHz)/Flux(sfu):	410/74	Step=5"	Pitch=+276", Yaw=+448"
Event # = 11263	DOY=129	S29E28	Pitch=+265", Yaw=+512", Roll=-20deg	H. Ang=37deg
89/05/09 04:39	Peak			
GOES 04:38:42	04:39:17	Qual=00	Tot Cts=145	
HXRBS 04:30	04:39:17	Qual=01	Exp #=88556	
UVSP 04:30	04:39:17	Peak...c/s=37	Step=0"	Pitch=+145", Yaw=+438"
Radio	Frequency(MHz)/Flux(sfu):	Wave length=2788A		
Event # = 11264	DOY=129	S03W00	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg
89/05/09 10:11	Peak			
GOES 10:11:25	10:11:34	Qual=00	Tot Cts=174	
HXRBS 10:11:25	10:11:52	Qual=01	Exp #=88556	
UVSP 10:11:25	10:11:52	Peak...c/s=55	MaxkeV=144	
Radio	Frequency(MHz)/Flux(sfu):	410/74		
Event # = 11265	DOY=129	S03W00	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg
89/05/09 10:14	Peak			
GOES 10:14:16	10:14:58	Qual=00	Tot Cts=174	
HXRBS 10:14:16	10:15:14	Qual=01	Exp #=88556	
UVSP 10:14:16	10:15:14	Peak...c/s=38	MaxkeV=102	

Event # = 22738		89/05/09,13:53		DOY=129		Peak		End times	
Optical		Ha...Class=SF		S29E16		AR5476		Mac.=EAO Carr. Lon.=197deg H.Ang=30deg	
GOES		13:53		13:53		13:53		#Peaks=1 dt= 7.7s XEN=912900	
BCS		13:53		13:53		13:53		Step=0" Cad=1.02s 1.024s/pixel	
UVSP		13:46		13:53		13:53		Rast=180"x1" Pitch=+167",Yaw=+378"	
SMM Pointing:		Pitch=+333",Yaw=+315",Roll=-20deg		H.Ang=29deg					
Importance=C3		Qual=01		MaxkeV=102		Rast=10"x10"		Step=0" Pitch=+353",Yaw=+252"	
Peak...c/s=55		Qual=01		Code=00		Tot Cts=1373		Exp #=88588	
Wave length=1375A		Code=00							
Event # = 11267		89/05/10,02:07		DOY=130		Peak		End times	
Optical		SMM Pointing:		S29E12		AR5476		Mac.=EAO Carr. Lon.=198deg H.Ang=28deg	
GOES		02:02		02:07		02:11		#Peaks=1 dt= 3.8s XEN=913000	
HXRS		02:04:18		02:04:34		02:05:07		Step=0" Cad= 262s 1.024s/pixel	
BCS		02:04		02:06		02:21		Rast=10"x10" Pitch=+352",Yaw=+271"	
UVSP		01:56		02:06		02:21		Step=0" Pitch=+352",Yaw=+271"	
SMM Pointing:		Pitch=+337",Yaw=+305",Roll=-20deg		H.Ang=29deg					
Ha...Class=SF		Qual=01		MaxkeV=102		Rast=10"x10"		Step=0" Pitch=+353",Yaw=+252"	
Importance=C3		Qual=01		Code=00		Tot Cts=1373		Exp #=88588	
Peak...c/s=48		Qual=01							
CaPeak.c/s=109		Code=00							
Wave length=1375A		Code=00							
Event # = 11268		89/05/10,03:55		DOY=130		Peak		End times	
Optical		SMM Pointing:		S29E11		AR5478		Mac.=CAO Carr. Lon.=150deg H.Ang=60deg	
GOES		03:48		03:55		04:04		#Peaks=1 dt= 3.8s XEN=913000	
HXRS		03:48:00		03:49:27		03:52:32		Step=0" Cad= 262s 1.024s/pixel	
UVSP		03:35		03:49		03:52		Rast=10"x10" Pitch=+352",Yaw=+271"	
Radio Sweeps		Type/Intensity:		I11/2		I11/2		Step=5" Pitch=+356",Yaw=+249"	
Frequency (MHz)/Flux(sfu):		245/110 410/78		606/130 1415/36 2695/25					
SMM Pointing:		Pitch=+341",Yaw=+295",Roll=-20deg		H.Ang=28deg					
Ha...Class=SF		Qual=02		MaxkeV=102		Rast=30"x30"		Step=5" Pitch=+356",Yaw=+249"	
Importance=C2		Qual=01		Code=01		Tot Cts=2173		Exp #=88606	
Peak...c/s=55		Qual=01							
Wave length=1375A		Code=01							
I11/2		Code=00							
Event # = 11269		89/05/10,12:24		DOY=130		Peak		End times	
Optical		SMM Pointing:		S29E06		AR5478		Mac.=CAO Carr. Lon.=150deg H.Ang=60deg	
GOES		12:21		12:24		12:30		#Peaks=1 dt= 3.8s XEN=913100	
HXRS		12:21:02		12:21:27		12:21:48		Step=0" Cad= 262s 1.024s/pixel	
UVSP		12:07		12:21		12:21		Rast=180"x1" Pitch=+276",Yaw=+328"	
Radio Sweeps		Type/Intensity:		I11/1		I11/1		Step=0" Pitch=+276",Yaw=+328"	
Frequency (MHz)/Flux(sfu):		245/110 410/78		606/130 1415/36 2695/25					
SMM Pointing:		Pitch=+363",Yaw=+231",Roll=-20deg		H.Ang=27deg					
Ha...Class=SF		Qual=01		MaxkeV=102		Rast=180"x1"		Step=0" Pitch=+243",Yaw=+162"	
Importance=C2		Qual=01		Code=00		Tot Cts=363		Exp #=88617	
Peak...c/s=51		Qual=01							
Wave length=2788A		Code=00							
I11/1		Code=00							
Event # = 22739		89/05/11,00:35		DOY=131		Peak		End times	
Optical		SMM Pointing:		S29E06		AR5478		Mac.=CAO Carr. Lon.=150deg H.Ang=60deg	
GOES		00:23		00:35		00:50		#Peaks=1 dt= 3.8s XEN=913100	
BCS		00:37		00:38		00:53		Step=0" Cad= 262s 1.024s/pixel	
UVSP		00:29		00:38		00:53		Rast=180"x1" Pitch=+276",Yaw=+328"	
SMM Pointing:		Pitch=+363",Yaw=+231",Roll=-20deg		H.Ang=27deg					
Ha...Class=SF		Qual=05		MaxkeV=102		Rast=180"x1"		Step=0" Pitch=+243",Yaw=+162"	
Importance=C4		Qual=05		Code=00		Tot Cts=00:38		Exp #=88629	
CaPeak.c/s=81		Qual=05							
Wave length=2788A		Code=00							

Event # = 22740	DOY=131											
89/05/11,05:29	Start	Peak	End times	Ha...Class=SF	S31W06	AR5476	Mac.=EKI	Carr. Lon.=197deg	H. Ang=29deg			
Optical					Qual=00							
GOES	05:21	05:29	05:52	CaPeak.c/s=65	Qual=1	FePeak=05:28	FePeak.c/s=10	#Peaks=1	dt= 3.8s	XEN=913101		
BCS							Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel		
FCS							Rast=30"x30"	Step=5"	Pitch=+453"	Yaw=+79"		
UVSP	05:22			Wavelength=1375A		Exp #=88637						
Event # = 11270	DOY=131											
89/05/11,06:06	Start	Peak	End times	SMM Pointing:	S29W03							
GOES					Qual=00							
HXRBS	06:05:36	06:06:33	06:09:18	Peak...c/s=127	Qual=01	Tot Cts=3941	MaxkeyV=231	Step=5"	Pitch=+450"	Yaw=+105"		
UVSP	05:55			Wavelength=1375A		Exp #=88641	Rast=30"x30"					
Event # = 11271	DOY=131											
89/05/11,06:11	Start	Peak	End times	SMM Pointing:	S29W03							
GOES					Qual=00							
HXRBS	06:10:37	06:11:37	06:12:55	Peak...c/s=50	Qual=01	Tot Cts=175	MaxkeyV=144	Step=5"	Pitch=+450"	Yaw=+105"		
UVSP	05:55			Wavelength=1375A		Exp #=88641	Rast=30"x30"					
Radio				Frequency(MHz)/Flux(sfu):	245/120 410/92 606/130							
Event # = 11272	DOY=131											
89/05/11,17:45	Start	Peak	End times	SMM Pointing:	S29W09							
GOES					Qual=01							
HXRBS	17:40	17:45	17:53	Importance=C3	Qual=01	Tot Cts=601	MaxkeyV=102	Step=10"	Pitch=+450"	Yaw=+34"		
UVSP	17:41:25	17:41:51	17:42:31	Peak...c/s=60	Code=00	Exp #=88686	Rast=150"x150"					
Radio Sweeps	17:42			Wavelength=1375A								
Radio				Frequency(MHz)/Flux(sfu):	111/2							
Event # = 11273	DOY=132											
89/05/12,07:46	Start	Peak	End times	SMM Pointing:	S29W17							
GOES					Qual=00							
HXRBS	07:46:20	07:46:30	07:46:51	Peak...c/s=40	Qual=01	Tot Cts=97	MaxkeyV=102	Step=0"	Pitch=+359"	Yaw=+110"		
UVSP	07:28			Wavelength=2788A		Exp #=88724	Rast=180"x1"					
Radio Sweeps				Type/Intensity:								
Radio				Frequency(MHz)/Flux(sfu):	245/75 410/45							
Event # = 11275	DOY=132											
89/05/12,12:17	Start	Peak	End times	SMM Pointing:	S03W00							
Optical					M15E72	AR5487						
GOES					Qual=00							
HXRBS	12:16:16	12:17:02	12:17:11	Peak...c/s=42	Qual=01	Tot Cts=302	MaxkeyV=102	Step=0"	Pitch=-4"	Yaw=+0"		
UVSP	12:08			Wavelength=2788A		Exp #=88730	Rast=180"x1"					
Event # = 11274	DOY=132											
89/05/12,15:21	Start	Peak	End times	SMM Pointing:	S29W21							
GOES					Qual=04							
HXRBS	15:21:14	15:21:35	15:22:07	Peak...c/s=43	Qual=01	Tot Cts=239	MaxkeyV=102	Step=0"	Pitch=+380"	Yaw=+58"		
UVSP	15:14			Wavelength=2788A		Exp #=88734	Rast=180"x1"					

89/05/13		DOY=133	
Event # = 22741	89/05/13 09:59	DOY=133	DOY=133
Start	09:59	Peak	10:05
GOES	09:57	CaPeak.c/s=33	Qual=03
BCS	09:59	Peak3...c/s=15	Qual=1
FCS	09:59	WaveLength=2788A	FePeak=09:58
UVSP	09:48		Exp #=88774
			dt= 7.7s XEN=913300
			Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
			Rast=180"x1" Step=0" Pitch=+545", Yaw=-245"
Event # = 11276	89/05/14	DOY=134	DOY=134
Start	06:56	Peak	07:00
Optical	06:52	SMM Pointing:	Pitch=+593", Yaw=-357", Roll=-20deg H.Ang=47deg
GOES	06:56	Ha...Class=SF	Mac.=CA0
HXRBS	06:53:16	Importance=C5	Carr. Lon.=141deg H.Ang=13deg
UVSP	06:41	Peak...c/s=317	MaxkeV=144
		WaveLength=1375A	Rast=30"x30" Step=5" Pitch=+656", Yaw=-449"
		Code=00	
Event # = 11278	89/05/14	DOY=134	DOY=134
Start	18:34	Peak	18:34:24
Optical	18:30:56	SMM Pointing:	Pitch=-515", Yaw=+572", Roll=-20deg H.Ang=54deg
GOES	18:34:02	Ha...Class=SF	Mac.=CS0
HXRBS	18:30	Peak...c/s=49	Carr. Lon.=164deg H.Ang=27deg
UVSP	18:30	WaveLength=1375A	MaxkeV=102
		Associated	Rast=30"x30" Step=5" Pitch=-541", Yaw=+598"
		Event # = 11277	MaxkeV=102
		Qual=01	
Event # = 11283	89/05/14	DOY=134	DOY=134
Start	22:27	Peak	22:29:59
Optical	22:27	SMM Pointing:	Pitch=-509", Yaw=+552", Roll=-20deg H.Ang=52deg
GOES	22:28:04	Ha...Class=SN	Mac.=EAO
HXRBS	22:28:04	Importance=C2	Carr. Lon.=204deg H.Ang=64deg
UVSP	21:35	Peak...c/s=36	MaxkeV=144
		WaveLength=2788A	Rast=243"x243" Step=3" Pitch=-503", Yaw=+568"
		Code=00	
Event # = 11279	89/05/15	DOY=135	DOY=135
Start	05:38	Peak	05:36:38
Optical	05:33	SMM Pointing:	Pitch=-496", Yaw=+510", Roll=-20deg H.Ang=48deg
GOES	05:34:19	Ha...Class=SN	Mac.=CS0
HXRBS	05:34:19	Importance=C7	Carr. Lon.=164deg H.Ang=31deg
UVSP	05:11	Peak...c/s=74	MaxkeV=102
		WaveLength=2788A	Rast=180"x1" Step=0" Pitch=-363", Yaw=+442"
		Code=01	
Event # = 11284	89/05/15	DOY=135	DOY=135
Start	07:06:23	Peak	07:12:41
Optical	07:06:23	SMM Pointing:	Pitch=-496", Yaw=+510", Roll=-20deg H.Ang=48deg
GOES	07:06:23	Ha...Class=SF	Mac.=DAO
HXRBS	07:06:23	Peak...c/s=51	Carr. Lon.=90deg H.Ang=51deg
UVSP	06:43	WaveLength=2788A	MaxkeV=187
		Code=01	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
 H.Ang=38deg

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
 Step=0" Pitch=-236", Yaw=+73"
 Rast=180"x1"

MaxkeV=102
 Rast=180"x1"

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 Carr. Lon.=87deg
 #Peaks=1 dt= 7.7s XEN=913900
 Step=0" Cad=1.02s 1.024s/pixel
 Step=0" Pitch=-139", Yaw=+165"
 Rast=180"x1"

FePeak.c/s=9
 Rast=180"x1"

UVSP Radio Frequency (MHz)/Flux(sfu): 245/310

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 Carr. Lon.=88deg
 #Peaks=1 dt= 7.7s XEN=914000
 Step=0" Cad=1.02s 1.024s/pixel
 Step=0" Pitch=-97", Yaw=-176"
 Rast=180"x1"

FePeak.c/s=10
 Rast=180"x1"

UVSP

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
 Associated
 Qual=1

End times
 04:37
 04:33:33
 04:34:26
 04:41
 04:37

AR5495
 AR5495
 Tot Cts=1039
 FePeak=04:34
 Exp #=89084
 Event # = 22744
 FePeak=04:47

Mac.=CAI Carr. Lon.=85deg
 H.Ang=27deg

MaxkeV=102
 FePeak.c/s=18
 Rast=240"x240"
 Rast=243"x243"
 Step=15" dt= 3.8s XEN=914001
 Step=15" Cad= 262s 1.024s/pixel
 Step=3" Pitch=-218", Yaw=-361"

FePeak.c/s=12
 Rast=240"x240"

FePeak.c/s=1
 Rast=240"x240"

FePeak.c/s=11
 Rast=240"x240"

FePeak.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 Carr. Lon.=86deg
 #Peaks=1 dt= 7.7s XEN=914004
 Step=0" Cad=1.02s 1.024s/pixel
 Step=5" Pitch=-218", Yaw=+380"
 Rast=30"x30"

FePeak.c/s=6
 Rast=0"x0"

FePeak.c/s=1
 Rast=30"x30"

UVSP

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											
GOES															
HXRBS	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							
UVSP	00:30			Wavelength=2788A	Qual=03	Exp #=89121	Rast=180"x1"	Step=0"	Pitch=-34"	1.024s/pixel					
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											
GOES															
BCS	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					
FCS	02:22	02:22		Peak3..c/s=54	Qual= 1	Exp #=89123	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel					
UVSP	02:04			Wavelength=2788A			Rast=180"x1"	Step=0"	Pitch=-30"	1.024s/pixel					
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											
GOES															
BCS	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					
FCS	03:56	03:56		Peak3..c/s=62	Qual= 4	Exp #=89125	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel					
UVSP	03:35			Wavelength=2788A			Rast=180"x1"	Step=0"	Pitch=-26"	1.024s/pixel					

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							
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							
Event # = 11295	D0Y=141	Peak	End times	N19W35	Pitch=-139", Yaw=-594", Roll=-20deg	H. Ang=40deg		
89/05/21, 12:07	12:07				Mac.=EKC	Carr. Lon.=90deg		
Optical								
GOES	12:03		12:10	N21W35	MaxKeyV=102	#Peaks=1	dt= 3.8s	XEN=914104
HXRBS	12:04:13	12:04:21	12:04:43	Qual=03	FePeak.c/s=16	Step=15"	Cad= 262s	1.024s/pixel
BGS	12:03	12:06	12:24	Qual=01	Rast=240"x240"	Step=0"	Pitch=-3"	Yaw=-415"
FCS	12:03	12:05		Qual= 4	Rast=180"x1"			
FCS								
UVSP	12:23							
Radio								
					Wave length=2788A			
					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							
Event # = 11296	D0Y=141	Peak	End times	N21W36	Pitch=-165", Yaw=-614", Roll=-20deg	H. Ang=42deg		
89/05/21, 15:15	15:15				Mac.=EKC	Carr. Lon.=91deg		
Optical								
GOES	14:48	15:15	15:23	N23W38	MaxKeyV=231	Flags=SA	dt= 3.8s	XEN=914106
HXRBS	15:13:29	15:13:58	15:16:33	Qual=04	FePeak.c/s=52	#Peaks=1	Cad= 262s	1.024s/pixel
BGS	14:36	15:15	15:34	Qual=02	Rast=240"x240"	Step=15"	Pitch=-26"	Yaw=-436"
FCS	14:36	15:15		Qual= 7	Rast=180"x1"	Step=0"		
UVSP	15:28							
Event # = 22754	D0Y=141	Peak	End times	N20W34	Mac.=EKC	Carr. Lon.=86deg	H. Ang=40deg	
89/05/21, 16:50	16:50	16:54	17:06	Qual=00	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=914107
Optical				Qual= 4	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
GOES	16:50				Rast=180"x1"	Step=0"	Pitch=-23"	Yaw=-446"
BGS	16:50							
FCS	16:50							
UVSP	17:01							

Event # = 11297																					
89/05/21, 17:39 Start	DOY=141 Peak	End times	SMM Pointing:	N21W37	AR5495	Pitch=-159", Yaw=-625", Roll=-20deg	H. Ang=43deg														
Optical			Ha...Class=IB Importance=M2 Peak...c/s=76 Wavelength=2788A	N22W32 Qual=05	AR5495	Mac.=EKC	H. Ang=39deg														
GOES 17:35	17:39	17:49				MaxkeV=102															
HXRBS 17:40:12	17:40:41	17:42:48				Rast=180"x1"															
UVSP 17:31						Step=0" Pitch=-21", Yaw=-449"															
Event # = 11298																					
89/05/21, 18:02 Start	DOY=141 Peak	End times	SMM Pointing:	N21W38	AR5495	Pitch=-155", Yaw=-635", Roll=-20deg	H. Ang=43deg														
Optical			Ha...Class=IB Importance=M3 Peak...c/s=1537 CaPeak.c/s=2201 Peak3...c/s=92 Wavelength=2788A	N22W32 Qual=03	AR5495	Mac.=EKC	H. Ang=39deg														
GOES 17:57	18:02	18:24				MaxkeV=231															
HXRBS 17:57:15	18:00:36	18:03:48				Flags=M5,ES															
BCS 17:40	18:02	18:25				dt= 7.7s															
FCS 17:44						#Peaks=2															
UVSP 17:31						Step=10" Cad= 332s															
Radio Sweeps						Step=0" Pitch=-21", Yaw=-449"															
Radio Frequency	Type/Intensity:																				
BCS 18:25	18:39																				
FCS 18:31																					
UVSP 18:35																					
Event # = 22756																					
89/05/21, 18:56 Start	DOY=141 Peak	End times	SMM Pointing:	N21W36	AR5495	Pitch=-177", Yaw=-458"	H. Ang=42deg														
Optical			Ha...Class=IM Importance=M1 CaPeak.c/s=67 Peak3...c/s=59 Wavelength=2788A	N21W36 Qual=05	AR5495	Mac.=EKC	H. Ang=42deg														
GOES 18:53	18:56	19:09				FePeak.c/s=8															
BCS 19:14	19:14	20:06				dt= 3.8s															
FCS 19:18						Step=15" Cad= 262s															
UVSP 19:05						Step=0" Pitch=-19", Yaw=-455"															
Event # = 22757																					
89/05/21, 20:47 Start	DOY=141 Peak	End times	SMM Pointing:	N21W40	AR5497	Pitch=-147", Yaw=-656", Roll=-20deg	H. Ang=45deg														
Optical			Ha...Class=SN Importance=C4 Peak...c/s=47 Wavelength=2788A	S21E17 Qual=01	AR5497	Mac.=DAI	H. Ang=25deg														
GOES 20:47	20:47	20:51				MaxkeV=102															
BCS 20:47	20:48	20:51				Rast=180"x1"															
FCS 20:48						Step=0" Pitch=-14", Yaw=-468"															
UVSP 20:37																					
Event # = 22758																					
89/05/21, 20:59 Start	DOY=141 Peak	End times	SMM Pointing:	N21W40	AR5497	Pitch=-147", Yaw=-656", Roll=-20deg	H. Ang=45deg														
Optical			Ha...Class=SN Importance=C4 Peak...c/s=47 Wavelength=2788A	S21E17 Qual=01	AR5497	Mac.=DAI	H. Ang=25deg														
GOES 20:59	20:59	21:22				MaxkeV=102															
BCS 20:59	21:12	22:40				Rast=180"x1"															
FCS 20:59						Step=0" Pitch=-14", Yaw=-468"															
UVSP 20:37																					
Event # = 11304																					
89/05/21, 22:35 Start	DOY=141 Peak	End times	SMM Pointing:	N21W40	AR5497	Pitch=-147", Yaw=-656", Roll=-20deg	H. Ang=45deg														
Optical			Ha...Class=SN Importance=C4 Peak...c/s=47 Wavelength=2788A	S21E17 Qual=01	AR5497	Mac.=DAI	H. Ang=25deg														
GOES 22:28	22:35	22:40				MaxkeV=102															
HXRBS 22:33:47	22:34:20	22:34:55				Rast=180"x1"															
UVSP 22:11						Step=0" Pitch=-10", Yaw=-477"															

Event # = 11305
 89/05/21, 22:50 DOY=141
 Start Peak End times
 Optical
 N21W41 SMM Pointing: Pitch=-143", Yaw=-666", Roll=-20deg H.Ang=46deg
 Ha...Class=SN N21W38 Carr. Lon.=87deg H.Ang=44deg
 S21E17 Carr. Lon.=32deg H.Ang=25deg
 Qual=01
 Importance=C8 dt= 3.8s XEN=914113
 Peak...c/s=151 #Peaks=2 Cad= 332s 1.024s/pixel
 CaPeak.c/s=353 Step=10" Step=0" Pitch=-8", Yaw=-483"
 Peak3..c/s=75 Rast=180"x180"
 Wavelength=2788A Rast=180"x1"
 245/75 2695/57 4995/62 Exp #=89161
 UVSP 23:13 Frequency(MHz)/Flux(sfu):
 Radio

Event # = 11299
 89/05/21, 23:14 DOY=141
 Start Peak End times
 Optical
 N21W41 SMM Pointing: Pitch=-143", Yaw=-666", Roll=-20deg H.Ang=46deg
 Ha...Class=SN N21W38 Carr. Lon.=87deg H.Ang=44deg
 Importance=C4 Qual=01
 Peak...c/s=54 Qual=01
 Wavelength=2788A Code=00 Tot Cts=438
 Exp #=89161
 UVSP 23:13 H.Ang=483"

Event # = 22759
 89/05/22, 00:37 DOY=142
 Start Peak End times
 Optical
 S21E16 SMM Pointing: Mac.=DAI Carr. Lon.=32deg H.Ang=25deg
 Ha...Class=2B AR5497
 Importance=M6 dt= 7.7s XEN=914114
 CaPeak.c/s=58 FePeak.c/s=11 #Peaks=2 dt= 7.7s XEN=914114
 Peak3..c/s=62 Rast=240"x240" Cad= 262s 1.024s/pixel
 Wavelength=2788A Rast=180"x1" Step=0" Pitch=-4", Yaw=-492"
 11/2 11/1 IV/2 Exp #=89163
 UVSP 00:47 Type/Intensity: 245/7300 410/20000 606/12000 1415/2500 2695/160 4995/140 8800/98 15400/84
 Radio Frequency(MHz)/Flux(sfu):

Event # = 11306
 89/05/22, 04:37 DOY=142
 Start Peak End times
 Optical
 N21W44 SMM Pointing: Pitch=-130", Yaw=-699", Roll=-20deg H.Ang=48deg
 Ha...Class=SF AR5495 Carr. Lon.=84deg H.Ang=44deg
 Importance=C6 Qual=05
 Peak...c/s=49 Qual=01 Tot Cts=207
 Wavelength=1375A Code=00 Exp #=89168
 UVSP 04:34

Event # = 22760
 89/05/22, 05:21 DOY=142
 Start Peak End times
 Optical
 N21W44 SMM Pointing: FePeak.c/s=12 #Peaks=3 dt= 7.7s XEN=914200
 Ha...Class=SF AR5495 Carr. Lon.=84deg H.Ang=44deg
 Importance=C6 Qual=05 FePeak=05:20 Step=15" Cad= 262s 1.024s/pixel
 Peak...c/s=79 Qual=01 Rast=240"x240" Step=5" Pitch=-185", Yaw=-643"
 Wavelength=1375A Code=00 Exp #=89169
 UVSP 04:34 Rast=70"x70"

Event # = 11308	Pitch=-126", Yaw=-709", Roll=-20deg			H. Ang=49deg		
89/05/22, 06:30	DOY=142	Peak				
Optical	SMM Pointing: N21W45					
GOES 06:27	06:30	06:33	Ha...Class=SF	N14W49	AR5488	Mac. =EKI Carr. Lon. =94deg H. Ang=51deg
HXRBS 06:27:34	06:28:02	06:29:35	Importance=C4	Qual=01		
BGS 06:22	06:29	06:37	Peak...c/s=401	Qual=01	Tot Cts=5854	Flags=1
FCS 06:26	06:26		CaPeak.c/s=66	Qual=1	FePeak=06:29	#Peaks=1 dt= 3.8s XEN=914201
UVSP 06:22	06:22		Peak3...c/s=80	Code=00	Exp #=89174	Step=10" Cad= 332s XEN=914201
Radio Sweeps	Type/Intensity:					
Radio Frequency(MHz)/Flux(sfu):	V/3					
	245/1200 410/110 1415/51 2695/39 4995/110 8800/51					
Event # = 22761						
89/05/22, 06:51	DOY=142	Peak				
GOES 06:51	06:51	07:02	CaPeak.c/s=39	Qual=00		
BGS 06:52	06:52		Peak3...c/s=65	Qual=4	FePeak=06:51	#Peaks=1 dt= 7.7s XEN=914202
UVSP 06:49	06:49		Wave length=1375A		Exp #=89178	Step=15" Cad= 262s XEN=914202
	Wave length=1375A					
Event # = 22762						
89/05/22, 08:18	DOY=142	Peak				
GOES 08:18	08:18	08:20	CaPeak.c/s=20	Qual=00		
BGS 08:19	08:19		Peak3...c/s=39	Qual=4	FePeak=08:18	#Peaks=1 dt= 7.7s XEN=914203
UVSP 08:10	08:10		Wave length=1375A		Exp #=89185	Step=0" Cad= 1.02s XEN=914203
	Wave length=1375A					
Event # = 11307						
89/05/22, 11:22	DOY=142	Peak				
Optical	SMM Pointing: N21W48					
GOES 11:18	11:22	11:29	Ha...Class=SF	S21E09	AR5497	Mac. =DAI Carr. Lon. =33deg H. Ang=52deg
HXRBS 11:20:16	11:20:36	11:20:42	Importance=C4	Qual=01		
UVSP 10:46	11:20:36	11:20:42	Peak...c/s=53	Qual=01	Tot Cts=162	H. Ang=21deg
	Wave length=2788A					
Event # = 11309						
89/05/22, 15:33	DOY=142	Peak				
Optical	SMM Pointing: N21W50					
GOES 15:16	15:33	16:00	Ha...Class=1N	N19W49	AR5495	Mac. =EKC Carr. Lon. =89deg H. Ang=52deg
HXRBS 15:21:13	15:23:17	15:34:48	Importance=M2	Qual=02		
BGS 15:21	15:32	16:04	Peak...c/s=218	Qual=03	Tot Cts=39306	Flags=ES dt= 7.7s XEN=914204
FCS 15:34	15:34		CaPeak.c/s=972	Qual=3	FePeak=15:31	Step=0" Cad=3840s XEN=914204
UVSP 15:11	15:11		Peak3...c/s=327	Code=01	Exp #=89200	Step=0" Cad=3840s XEN=914204
	Wave length=2788A					
	Associated					
BGS 16:04	16:04	16:18	CaPeak.c/s=47	Qual=5	Event # = 22763	#Peaks=1 dt= 7.7s XEN=914205
FCS 16:11	16:11		Peak3...c/s=58	Qual=5	FePeak=16:04	Step=15" Cad= 262s XEN=914205
UVSP 16:14	16:14		Wave length=2788A		Exp #=89201	Step=0" Cad= 262s XEN=914205
	Wave length=2788A					

Event # = 11310	DOY=142	SMM Pointing:	N21W50	Pitch=-1.05", Yaw=-7.58", Roll=-20deg	H. Ang=54deg
89/05/22 16:56	Peak	Ha...Class=SF	S22E07	Mac.=DAI	H. Ang=21deg
Optical		Peak...c/s=34	Qual=04	MaxkeV=102	
GOES	16:54:39	CaPeak.c/s=39	Qual=01	#Peaks=1	XEN=914206
HXRBS	16:55	Peak3..c/s=70	Qual=1	Step=0"	Cad=1.02s
BCS	16:58	Wavelength=2788A		Step=0"	1.024s/pixel
FCS				Rast=180"x1"	Pitch=+32", Yaw=-5.78"
UVSP	16:45			Exp #=89202	
Event # = 22764	DOY=142	SMM Pointing:	N21W50	Pitch=-1.05", Yaw=-7.58", Roll=-20deg	H. Ang=54deg
89/05/22 18:27	Peak	Ha...Class=SF	S22E07	Mac.=DAI	H. Ang=21deg
Optical		Peak...c/s=34	Qual=04	MaxkeV=102	
GOES	18:27	CaPeak.c/s=31	Qual=00	#Peaks=1	XEN=914207
BCS	18:46	Peak3..c/s=135	Qual=5	Step=0"	Cad=1.02s
FCS	18:40	Wavelength=2788A		Step=0"	1.024s/pixel
UVSP	18:16			Rast=180"x1"	Pitch=+35", Yaw=-5.85"
Event # = 22765	DOY=142	SMM Pointing:	N21W50	Pitch=-1.05", Yaw=-7.58", Roll=-20deg	H. Ang=54deg
89/05/22 20:11	Peak	Ha...Class=SN	S22E07	Mac.=EKC	H. Ang=21deg
Optical		Peak...c/s=64	Qual=01	MaxkeV=102	
GOES	20:06	CaPeak.c/s=64	Qual=1	#Peaks=1	XEN=914208
BCS	20:11	Peak3..c/s=118		Step=0"	Cad=1.02s
FCS	20:12	Wavelength=2788A		Step=0"	1.024s/pixel
UVSP	19:50			Rast=180"x1"	Pitch=+38", Yaw=-5.93"
Event # = 22766	DOY=142	SMM Pointing:	N16W56	Pitch=-91", Yaw=-7.90", Roll=-20deg	H. Ang=58deg
89/05/22 21:59	Peak	Ha...Class=SF	AR5488	Mac.=EKI	H. Ang=58deg
Optical		Peak...c/s=25	Qual=01	MaxkeV=102	
GOES	21:57	CaPeak.c/s=25	Qual=4	#Peaks=1	XEN=914209
BCS	21:59	Peak3..c/s=119		Step=0"	Cad=1.02s
FCS	22:01	Wavelength=2788A		Step=0"	1.024s/pixel
UVSP	21:22			Rast=180"x1"	Pitch=+41", Yaw=-6.00"
Event # = 11311	DOY=142	SMM Pointing:	N21W53	Pitch=-91", Yaw=-7.90", Roll=-20deg	H. Ang=57deg
89/05/22 23:26	Peak	Ha...Class=SF	S22E07	Mac.=EKC	H. Ang=21deg
Optical		Peak...c/s=96	Qual=00	MaxkeV=144	
GOES	23:26:16	CaPeak.c/s=96	Qual=01	Rast=180"x1"	Pitch=+44", Yaw=-6.07"
HXRBS	23:26:21	Peak...c/s=22	Tot Cts=739	Step=0"	
BCS	23:26:21	Peak3..c/s=623	Exp #=89210	Step=0"	
FCS	22:56	Wavelength=2788A		Step=0"	
UVSP	22:56			Step=0"	
Event # = 22767	DOY=143	SMM Pointing:	N21W53	Pitch=-91", Yaw=-7.90", Roll=-20deg	H. Ang=57deg
89/05/23 00:53	Peak	Ha...Class=SF	S22E07	Mac.=EKC	H. Ang=21deg
Optical		Peak...c/s=96	Qual=00	MaxkeV=144	
GOES	00:51	CaPeak.c/s=22	Qual=4	Rast=180"x1"	Pitch=+44", Yaw=-6.07"
BCS	00:53	Peak3..c/s=623	FePeak=00:53	Step=0"	
FCS	00:53	Wavelength=2788A	Exp #=89212	Step=0"	
UVSP	00:28			Step=0"	

Event # = 22768
89/05/23, 00:59 Start DOY=143 Peak
Optical End times
GOES 00:58 01:10 Ha...Class=SF N22W52 AR5495 Mac.=EKI Carr. Lon.=87deg H.Ang=56deg
BCS 00:59 01:10 CaPeak.c/s=31 Qual=00 FePeak=00:59 #Peaks=1 dt= 7.7s XEN=914301
FCS 00:28 01:10 Wavelength=2788A Exp #=89212 Rast=0"x0" Cad=1.02s XEN=914301
UVSP Radio Frequency(MHz)/Flux(sfu): 245/96 Rast=180"x1" Step=0" Pitch=+47",Yaw=-614"

Event # = 22769
89/05/23, 02:33 Start DOY=143 Peak
Optical End times
GOES 02:12 02:33 Ha...Class=SF S19E02 AR5497 Mac.=EKI Carr. Lon.=32deg H.Ang=17deg
BCS 02:12 02:33 CaPeak.c/s=45 Qual=00 FePeak=02:33 #Peaks=2 dt= 3.8s XEN=914302
FCS 03:04 02:40 Wavelength=2788A Exp #=89215 Rast=0"x0" Cad=1.02s XEN=914302
UVSP SMM Pointing: N21W56 Pitch=-83",Yaw=-81",Roll=-20deg H.Ang=59deg
GOES 03:04 03:27 Ha...Class=SF S19E03 AR5497 Mac.=EKI Carr. Lon.=30deg H.Ang=18deg
HXRBS 03:45:03 03:45:25 Importance=C7 Qual=05 Tot Cts=2137 Flags=SM
UVSP 03:34 03:49:37 Peak...c/s=54 Qual=02 Exp #=89216 Rast=180"x1" Step=0" Pitch=+52",Yaw=-626"

Event # = 11312
89/05/23, 03:27 Start DOY=143 Peak
Optical End times
GOES 04:01 04:03 SMM Pointing: N21W56 Pitch=-83",Yaw=-81",Roll=-20deg H.Ang=59deg
HXRBS 04:39:40 04:41:20 Importance=C9 Qual=02 Exp #=89218 MaxkeV=144 Carr. Lon.=39deg H.Ang=60deg
UVSP 05:20 04:41:41 Wavelength=2788A Tot Cts=2643 Rast=70"x70" Step=5" Pitch=-102",Yaw=-806"

Event # = 11313
89/05/23, 07:06 Start DOY=143 Peak
Optical End times
GOES 07:06 07:12 Ha...Class=SF N21W57 AR5498 Mac.=EKI Carr. Lon.=32deg H.Ang=60deg
HXRBS 07:07:18 07:07:36 Importance=C9 Qual=01 FePeak=00:59 #Peaks=1 dt= 7.7s XEN=914301
UVSP 06:56 07:08:48 Peak...c/s=77 Qual=02 Exp #=89220 Rast=70"x70" Step=5" Pitch=-102",Yaw=-806"

Event # = 11314
89/05/23, 07:12 Start DOY=143 Peak
Optical End times
GOES 07:06 07:12 Ha...Class=SF N21W57 AR5498 Mac.=EKI Carr. Lon.=32deg H.Ang=60deg
HXRBS 07:07:18 07:07:36 Importance=C9 Qual=01 FePeak=00:59 #Peaks=1 dt= 7.7s XEN=914301
UVSP 06:56 07:08:48 Peak...c/s=77 Qual=02 Exp #=89220 Rast=70"x70" Step=5" Pitch=-102",Yaw=-806"

Event # = 11315
89/05/23, 07:35 Start DOY=143 Peak
Optical End times
GOES 07:31 07:35 Ha...Class=SF N21W57 AR5497 Mac.=EKI Carr. Lon.=32deg H.Ang=60deg
HXRBS 07:31:10 07:31:34 Importance=C9 Qual=01 Tot Cts=1064 H.Ang=17deg
UVSP 06:56 07:34:24 Wavelength=1375A Code=00 Exp #=89220 MaxkeV=102 Rast=70"x70" Step=5" Pitch=-102",Yaw=-806"

Event # = 22770		DOY=143		End times			
89/05/23,12:06	Start	12:01	12:06	12:18	FePeak=12:02	Qual=01	
GOES						CaPeak.c/s=58	dt= 3.8s
BCS						Peak3..c/s=1	Cad=1.02s
FCS						Wavelength=2788A	Pitch=+68", Yaw=-663"
UVSP					Exp #=89238		
Event # = 22772		DOY=143		End times			
89/05/23,13:04	Start	12:51	13:04	13:30	AR5494	S17W16	
Optical						Ha...Class=SF	Carr. Lon.=44deg
GOES						Importance=C6	H. Ang=22deg
BCS					FePeak=13:03	Qual=03	#Peaks=1
FCS						CaPeak.c/s=27	dt= 7.7s
UVSP					Exp #=89239	Code=00	Cad=1.02s
						Wavelength=2788A	Pitch=+68", Yaw=-665"
Event # = 22773		DOY=143		End times			
89/05/23,14:50	Start	14:35	14:50	15:05	AR5488	N18W64	
Optical						Ha...Class=SF	Carr. Lon.=91deg
GOES						Importance=C7	H. Ang=66deg
BCS					FePeak=14:44	Qual=02	#Peaks=1
FCS						CaPeak.c/s=31	dt= 7.7s
UVSP					Exp #=89241	Code=01	Cad=1.02s
						Wavelength=2788A	Pitch=+71", Yaw=-668"
Event # = 22774		DOY=143		End times			
89/05/23,16:10	Start	16:05	16:10	16:15	AR5494	S17W18	
Optical						Ha...Class=SF	Carr. Lon.=44deg
GOES						Importance=C4	H. Ang=23deg
BCS					FePeak=16:10	Qual=01	#Peaks=1
FCS						CaPeak.c/s=18	dt= 7.7s
UVSP					Exp #=89243	Code=00	Cad=1.02s
						Wavelength=2788A	Pitch=+74", Yaw=-676"
Event # = 22775		DOY=143		End times			
89/05/23,17:25	Start	17:20	17:25	17:30	AR5495	N20W65	
Optical						Ha...Class=SF	Carr. Lon.=90deg
GOES						Importance=C5	H. Ang=67deg
BCS					FePeak=17:40	Qual=05	#Peaks=1
FCS						CaPeak.c/s=19	dt= 7.7s
UVSP					Exp #=89245	Code=02	Cad=1.02s
						Wavelength=2788A	Pitch=+76", Yaw=-681"
Event # = 22776		DOY=143		End times			
89/05/23,18:30	Start	18:20	18:30	18:35	AR5495	N20W65	
Optical						Ha...Class=SF	Carr. Lon.=90deg
GOES						Importance=C5	H. Ang=67deg
BCS					FePeak=18:25	Qual=05	#Peaks=1
FCS						CaPeak.c/s=128	dt= 3.8s
UVSP					Exp #=89246	Code=00	Cad=1.02s
						Wavelength=2788A	Pitch=+77", Yaw=-684"

Event # = 22777		89/05/23, 19:28		D0Y=143		Peak		End times	
GOES	19:26	19:28	19:36	CaPeak.c/s=26	Qual=00	Qual=4	FePeak=19:26	Exp #=89247	dt= 7.7s
BCS				Wavelength=2788A					Cad=1.02s
FCS									1.024s/pixel
UVSP	19:01								Pitch=+78", Yaw=-686"
Event # = 11316		89/05/23, 20:06		D0Y=143		Peak		End times	
Optical	20:00	20:06	20:20	SMM Pointing:	N21W64		AR5497		Pitch=-57", Yaw=-870", Roll=-20deg
GOES	20:01:04	20:01:30	20:04:17	Ha...Class=SF	S19W04				Carr. Lon.=28deg
HXRBS	19:59			Importance=C8	Qual=03				H. Ang=18deg
UVSP				Peak...c/s=70	Qual=01		Tot Cts=2340		
				Wavelength=2788A	Code=00		Exp #=89248		Step=0" Pitch=+80", Yaw=-689"
Event # = 11317		89/05/23, 22:26		D0Y=143		Peak		End times	
Optical	22:22:49	22:24:01	22:26:16	SMM Pointing:	N21W66		AR5490		Pitch=-50", Yaw=-882", Roll=-20deg
GOES	22:24	22:26	22:33	Ha...Class=SN	S26W34				Carr. Lon.=57deg
HXRBS	22:26			Peak...c/s=63	Qual=01				H. Ang=69deg
FCS				CaPeak.c/s=21	Qual=4		Tot Cts=1712		
UVSP				Wavelength=1375A			FePeak=22:24		
							Exp #=89252		Step=5" Pitch=+38", Yaw=-946"
Event # = 11318		89/05/23, 22:34		D0Y=143		Peak		End times	
Optical	22:34:27	22:34:45	22:34:56	SMM Pointing:	N21W66		AR5497		Pitch=-50", Yaw=-882", Roll=-20deg
GOES	22:26			Ha...Class=SF	S18W06				Carr. Lon.=29deg
HXRBS				Peak...c/s=39	Qual=01				H. Ang=17deg
UVSP				Wavelength=1375A			Tot Cts=104		
							Exp #=89252		Step=5" Pitch=+38", Yaw=-946"
Event # = 22778		89/05/23, 23:05		D0Y=143		Peak		End times	
GOES	23:03	23:05	23:15	CaPeak.c/s=29	Qual=00	Qual=4	FePeak=23:06		dt= 7.7s
BCS				Wavelength=1375A					Cad=1.02s
FCS									1.024s/pixel
UVSP	22:26						Exp #=89252		Pitch=+38", Yaw=-946"
Event # = 22779		89/05/24, 00:14		D0Y=144		Peak		End times	
Optical	00:10	00:14	00:34	Ha...Class=SF	S19E72		AR5505		Carr. Lon.=310deg
GOES	00:13			CaPeak.c/s=44	Qual=01				H. Ang=72deg
BCS				Peak3...c/s=-1	Qual=1				
FCS				Wavelength=1375A			FePeak=00:11		dt= 7.7s
UVSP							Exp #=89257		Cad=1.02s
									1.024s/pixel
									Pitch=-35", Yaw=-897"

Event # = 22780		DOY=144		Peak		End times	
89/05/24, 02:59	Start	02:59	03:17	CaPeak.c/s=32	Qual=00	FePeak=03:01	FePeak.c/s=11
GOES				WaveLength=1375A	Qual=4	Exp #=89267	Rast=0"x0"
BCS							Rast=265"x265"
FCS							Pitch=-38", Yaw=-882"
UVSP							#Peaks=1 dt= 7.7s XEN=914401
							Step=0" Cad=1.02s 1.024s/pixel
							Step=5" Pitch=-55", Yaw=-910"
Event # = 22781		DOY=144		Peak		End times	
89/05/24, 03:27	Start	03:27	03:54	CaPeak.c/s=31	Qual=00	FePeak=03:26	FePeak.c/s=7
GOES				Peak3..c/s=-1	Qual=1	Exp #=89271	Rast=0"x0"
BCS				WaveLength=1375A			Rast=30"x30"
FCS							Pitch=-46", Yaw=-894", Roll=-20deg
UVSP							H.Ang=71deg
Event # = 11319		DOY=144		Peak		End times	
89/05/24, 05:03	Start	05:03:34	05:03:45	Peak...c/s=41	Qual=00	Tot Cts=53	MaxkeV=102
GOES				WaveLength=1375A	Qual=01	Exp #=89278	Rast=30"x30"
HXRBS							Step=5" Pitch=-49", Yaw=-899"
UVSP							
Event # = 22782		DOY=144		Peak		End times	
89/05/24, 06:18	Start	06:18	06:35	CaPeak.c/s=50	Qual=05	FePeak=06:18	FePeak.c/s=12
GOES				Ha...Class=SF	N16W73	AR5486	Rast=240"x240"
BCS					Qual=5		Rast=30"x30"
FCS							Pitch=+43", Yaw=-953"
UVSP							
Event # = 22783		DOY=144		Peak		End times	
89/05/24, 06:59	Start	06:59	06:59	CaPeak.c/s=47	Qual=00	FePeak=06:59	FePeak.c/s=10
GOES				Peak3..c/s=-1	Qual=2	Exp #=89287	Rast=0"x0"
BCS				WaveLength=1375A			Rast=30"x30"
FCS							Pitch=+34", Yaw=-949"
UVSP							#Peaks=1 dt= 7.7s XEN=914404
							Step=0" Cad=3840s 3840s/pixel
							Step=5" Pitch=-34", Yaw=-949"
Event # = 11320		DOY=144		Peak		End times	
89/05/24, 07:56	Start	07:56	07:59	Importance=C6	N21W72	AR5495	Pitch=-842", Yaw=+347", Roll=90deg
GOES				Ha...Class=SN	N25W76		Mac.=FAI Carr.Lon.=94deg
HXRBS				Peak...c/s=90	Qual=01	Tot Cts=1078	MaxkeV=144
BCS				CaPeak.c/s=130	Qual=5	FePeak=07:55	FePeak.c/s=24
FCS				Peak3..c/s=-1		Exp #=89292	Rast=240"x240"
UVSP				WaveLength=1375A	Code=00		Rast=10"x10"
							Pitch=-836", Yaw=+383"

Event # = 11321														
89/05/24, 13:54	DOY=144		SMM Pointing:	N21W74									Pitch=-36", Yaw=-917", Roll=-20deg	H.Ang=75deg
Start	Peak													
Optical			Ha...Class=IN	S21W20									Mac.=EKI	H.Ang=28deg
GOES	13:45	13:54	Importance=M1	Qual=02	AR5497									
HXRBS	13:47:45	13:49:00	Peak...c/s=82	Qual=01	Tot Cts=1629									
BCS	13:47	14:21	CaPeak.c/s=131	Qual=7	FePeak=13:53									
FCS														
UVSP	13:34		Wavelength=2788A	Code=01	Exp #=89309								#Peaks=1	XEN=914406
				Associated	Event # = 22784								Step=15"	Cad= 262s
GOES				Qual=05									Step=0"	Pitch=+101", Yaw=-735"
BCS	14:25	14:27	CaPeak.c/s=37	Qual=1	FePeak=14:26									
FCS														
UVSP	14:33		Wavelength=2788A		Exp #=89310									
Event # = 22785														
89/05/24, 19:34	DOY=144		SMM Pointing:	N20E77										
Start	Peak													
Optical			Ha...Class=SF	Qual=05	AR5506								Mac.=HAX	H.Ang=78deg
GOES	19:24	19:34	Importance=C7	Qual=4	Tot Cts=20:00									
BCS	19:58	19:59	CaPeak.c/s=34		FePeak=20:00									
FCS														
UVSP	19:46		Wavelength=2788A		Exp #=89317									
Event # = 11322														
89/05/24, 21:50	DOY=144		SMM Pointing:	S19W21										
Start	Peak													
Optical			Importance=M3	Qual=01										
GOES	21:34	21:50	Peak...c/s=636	Qual=11	Tot Cts=83842									
HXRBS	21:33:24	21:38:24	Wavelength=2788A		Exp #=89320									
UVSP	22:18													
Event # = 11323														
89/05/24, 22:17	DOY=144		SMM Pointing:	S19W21										
Start	Peak													
Optical			Ha...Class=SF	N32W38										
GOES	22:17:35	22:17:58	Peak...c/s=129	Qual=00	AR5498									
HXRBS	22:18	22:18:18	Wavelength=2788A	Qual=01	Tot Cts=827									
UVSP	22:18				Exp #=89320									
HXRBS	22:23:09	22:23:18	Peak...c/s=50	Associated	Event # = 11324									
Radio	Frequency(MHz)/Flux(sfu):	245/360		Qual=01	Tot Cts=83									
Event # = 12219														
89/05/24, 23:24	DOY=144		SMM Pointing:	S19W22										
Start	Peak													
Optical			Ha...Class=SF	N16W18										
GOES	23:21	23:24	Importance=C6	Qual=01	AR5495									
HXRBS	23:22:43	23:23:11	Peak...c/s=84	Qual=01	Tot Cts=449									
UVSP	23:11		Wavelength=1375A	Code=00	Exp #=89322									
Radio	Frequency(MHz)/Flux(sfu):	410/150												

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
 Mac.=FAI Rast=30"x30" Pitch=+413",Yaw=-298"

Event # = 12220 DOY=145
 89/05/25,01:28 Start Peak
 GOES SMM Pointing: S19W23 H. Ang=29deg
 HXRBS 01:27:40 01:28:07 01:28:40 End times
 UVSP 01:14 Peak...c/s=129 Qual=00
 Radio Frequency(MHz)/Flux(sfu): 410/140 Wavelength=1375A
 MaxkeV=144 Tot Cts=1390
 Rast=30"x30" Step=5
 Pitch=+389",Yaw=-233",Roll=-20deg
 Flags=I
 Pitch=+405",Yaw=-337"

Event # = 22787 DOY=145
 89/05/25,04:21 Start Peak
 Optical N33W43 AR5498 Carr. Lon.=49deg H. Ang=53deg
 GOES Qual=00
 BCS 04:20 04:21 04:39 End times FePeak=04:20 #Peaks=1 dt= 7.7s XEN=914501
 FCS CaPeak.c/s=23 Qual= 4 Step=0" Cad=1.02s 1.024s/pixel
 UVSP Wavelength=1375A Exp #=89343 Step=5" Pitch=+429",Yaw=-319"

Event # = 22788 DOY=145
 89/05/25,05:35 Start Peak
 Optical S18E62 AR5505 H. Ang=63deg
 GOES S21W30 AR5497 Carr. Lon.=304deg H. Ang=35deg
 BCS 05:28 05:35 06:06 End times FePeak=05:34 #Peaks=1 dt= 7.7s XEN=914502
 FCS CaPeak.c/s=249 Qual= 1 Step=15" Cad= 262s 1.024s/pixel
 UVSP Wavelength=1375A Exp #=89346 Step=5" Pitch=+426",Yaw=-332"

Event # = 22789 DOY=145
 89/05/25,07:21 Start Peak
 GOES Qual=00
 BCS 07:20 07:21 07:23 End times FePeak=07:21 #Peaks=1 dt= 7.7s XEN=914503
 FCS CaPeak.c/s=19 Qual= 4 Step=0" Cad=1.02s 1.024s/pixel
 UVSP Wavelength=1375A Exp #=89357 Step=0" Pitch=+437",Yaw=-336"

Event # = 11325 DOY=145
 89/05/25,10:42 Start Peak
 Optical S19W28 H. Ang=33deg
 GOES S19W29 AR5497 Carr. Lon.=32deg H. Ang=33deg
 HXRBS 10:36 10:42 10:48 End times MaxkeV=144 #Peaks=1 dt= 3.8s XEN=914504
 BCS 10:37:42 10:40:43 10:42:01 End times FePeak=10:40 Tot Cts=6320
 FCS 10:37 10:41 10:50 End times FePeak=10:40 FePeak=15" Cad= 262s 1.024s/pixel
 UVSP Wavelength=2788A Code=00
 Radio Frequency(MHz)/Flux(sfu): 4995/61 8800/94 15400/88
 Rast=243"x243" Step=3" Pitch=+422",Yaw=-288"

Event # = 22790									
89/05/25, 13:01	Start	13:00	13:01	13:32	End times				
89/05/25, 13:01	Peak	13:01	13:01	13:32	End times				
GOES						Qual=00			
BGS						Qual=2	CaPeak.c/s=36	FePeak=13:01	#Peaks=1 dt= 7.7s XEN=914505
FCS									Step=0" Cad=1.02s 1.024s/pixel
UVSP							Wavelength=2788A	Exp #=89372	Step=0" Pitch=+418", Yaw=-320"
Event # = 11326									
89/05/25, 15:59	Start	15:19	15:59	16:59	End times				
89/05/25, 15:59	Peak	15:21	15:24	15:28	End times				
Optical						S19W31	SMM Pointing:		Pitch=+428", Yaw=-333", Roll=-20deg H. Ang=35deg
GOES						S19W31	Ha...Class=1B	AR5497	Mac.=FAI Carr. Lon.=31deg H. Ang=35deg
HXRBS						Qual=02	Importance=M2		
BGS						Qual=01	Peak...c/s=249	Tot Cts=14855	#Peaks=1 dt= 3.8s XEN=914506
FCS						Qual=1	CaPeak.c/s=185	FePeak=15:23	Step=15" Cad= 262s 1.024s/pixel
UVSP							Wavelength=1375A Code=02	Exp #=89386	Step=5" Pitch=+439", Yaw=-329"
Radio Sweeps							V/2		
Radio Frequency (MHz)/Flux(sfu):							245/1700 410/94		
----- Associated Event # = 22791 -----									
BGS						Qual=5	CaPeak.c/s=833	FePeak=16:05	#Peaks=1 dt= 3.8s XEN=914507
FCS									Step=15" Cad= 262s 1.024s/pixel
Event # = 22792									
89/05/25, 17:39	Start	17:38	17:39	17:54	End times				
89/05/25, 17:39	Peak	17:38	17:39	17:54	End times				
Optical						S20W32	Code=LPS	AR5497	Mac.=FAI Carr. Lon.=31deg H. Ang=36deg
GOES						Qual=00	CaPeak.c/s=31	FePeak=17:38	#Peaks=1 dt= 7.7s XEN=914508
BGS						Qual=5			Step=0" Cad=1.02s 1.024s/pixel
FCS							Wavelength=1375A	Exp #=89395	Step=5" Pitch=+443", Yaw=-340"
UVSP									
Event # = 11327									
89/05/25, 22:18	Start	22:17	22:18	22:18	End times				
89/05/25, 22:18	Peak	22:17	22:18	22:18	End times				
GOES						S19W35	SMM Pointing:		Pitch=+447", Yaw=-385", Roll=-20deg H. Ang=38deg
HXRBS						Qual=00	Peak...c/s=53	Tot Cts=443	#Peaks=1 dt= 7.7s XEN=914509
UVSP						Qual=01	Wavelength=2788A	Exp #=89410	Step=0" Cad=1.02s 1.024s/pixel
Event # = 22793									
89/05/25, 22:41	Start	22:40	22:41	22:44	End times				
89/05/25, 22:41	Peak	22:40	22:41	22:44	End times				
GOES						Qual=00	CaPeak.c/s=33	FePeak=22:41	#Peaks=1 dt= 7.7s XEN=914509
BGS						Qual=1			Step=0" Cad=1.02s 1.024s/pixel
FCS							Wavelength=2788A	Exp #=89411	Step=0" Pitch=+329", Yaw=-203"
UVSP									
Event # = 11328									
89/05/25, 22:57	Start	22:54	22:57	22:59	End times				
89/05/25, 22:57	Peak	22:55	22:55	22:56	End times				
Optical						S19W35	SMM Pointing:		Pitch=+447", Yaw=-385", Roll=-20deg H. Ang=38deg
GOES						S20E53	Ha...Class=SF	AR5505	Mac.=CKO Carr. Lon.=303deg H. Ang=55deg
HXRBS						Qual=01	Importance=C3		
UVSP						Qual=01	Peak...c/s=62	Tot Cts=320	#Peaks=1 dt= 7.7s XEN=914509
----- Associated Event # = 22791 -----									
BGS						Code=02	Wavelength=2788A	Exp #=89411	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 CaPeak.c/s=31 FePeak=04:42 Qual=00
 BCS 04:41 04:45 05:13 CaPeak.c/s=31 FePeak=04:42 Qual=1
 FCS 04:41 04:45 05:13 CaPeak.c/s=31 FePeak=04:42 Qual=1
 UVSP 04:33 04:45 05:13 Wavelength=1375A Exp #=89419
 dt= 7.7s XEN=914600
 Cad=1.02s 1.024s/pixel
 Pitch=+482", Yaw=-492"

Event # = 22795
 89/05/26,05:23 DOY=146
 Start Peak End times
 GOES 05:23 05:23 05:23 CaPeak.c/s=19 FePeak=05:23 Qual=00
 BCS 05:23 05:23 05:23 CaPeak.c/s=19 FePeak=05:23 Qual=2
 FCS 05:23 05:23 05:23 CaPeak.c/s=19 FePeak=05:23 Qual=2
 UVSP 06:03 05:23 05:23 Wavelength=1375A Exp #=89420
 dt= 7.7s XEN=914601
 Cad=.26s 0.256s/pixel
 Pitch=+474", Yaw=-420"

Event # = 11329
 89/05/26,08:30 DOY=146
 Start Peak End times
 GOES 08:24 08:30 08:33 SMM Pointing: S19W40 H.Ang=43deg
 HXRBS 08:25:13 08:25:29 08:26:07 Importance=C3
 UVSP 08:20 08:25:13 08:25:29 Peak..c/s=48
 Wavelength=1375A Code=00
 Maxkey=102
 Rast=10"x10" 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 SMM Pointing: S19W44 H.Ang=47deg
 HXRBS 16:06 16:06:46 16:07:11 Peak...c/s=42
 UVSP 16:06 16:06 16:07:11 Wavelength=2788A
 Radio Sweeps Type/Intensity: V/2
 Tot Cts=321
 Exp #=89430
 Maxkey=102
 Rast=180"x1" Pitch=+370", Yaw=-306"

Event # = 22796
 89/05/26,18:56 DOY=146
 Start Peak End times
 Optical 18:48 18:56 19:03 Ha...Class=SF S19W51 Carr. Lon.=36deg H.Ang=53deg
 GOES 18:48 18:56 19:03 Importance=C4 Qual=03
 BCS 18:48 18:56 19:19 CaPeak.c/s=133 Qual=1 AR5497
 FCS 18:48 18:56 19:19 CaPeak.c/s=133 Qual=1 FePeak=18:55
 UVSP 19:12 18:56 19:19 Wavelength=2788A Exp #=89451
 dt= 3.8s XEN=914602
 Cad= 332s 1.024s/pixel
 Pitch=+377", Yaw=-323"

Event # = 22797
 89/05/26,20:57 DOY=146
 Start Peak End times
 Optical 20:47 20:57 21:06 Ha...Class=SN S19W45 Carr. Lon.=29deg H.Ang=48deg
 GOES 20:47 20:57 21:06 Importance=C4 Qual=02
 BCS 20:47 20:57 21:06 CaPeak.c/s=74 Qual=2 AR5497
 FCS 20:47 20:57 21:06 CaPeak.c/s=74 Qual=2 FePeak=20:51
 UVSP 20:43 20:57 21:06 Wavelength=2788A Code=00 Exp #=89453
 dt= 3.8s XEN=914603
 Cad= 262s 1.024s/pixel
 Pitch=+380", Yaw=-332"

Event # = 11331	89/05/26, 21:28	Start	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	End times	Qual=00	MaxVel=187	
HXRBS	21:20				Qual=01	Rast=180"x1"	Pitch=+381", Yaw=-335"
UVSP					Peak...c/s=65		
Radio Sweeps					Wave length=2788A		
					III/1		
					Type/Intensity:		
					III/1		
Event # = 22798	89/05/26, 22:47	Start	DOY=146	Peak			
Optical							
GOES	22:24	22:47	23:33	End times	Ha...Class=SN	Mac.=FKI	H. Ang=49deg
BCS	22:10	22:25	22:25		Importance=M2		
FCS					CaPeak.c/s=87		
UVSP	22:52				Peak3...c/s=2062		
Radio Sweeps					Wave length=2788A		
					III/1		
					Type/Intensity:		
					III/1		
BCS	23:02	23:02	23:44	End times	Associated	Event # = 22799	
FCS					CaPeak.c/s=443	FePeak=23:02	
					Peak3...c/s=8249		
BCS	23:44	23:44	23:50	End times	Associated	Event # = 22800	
FCS					CaPeak.c/s=21	FePeak=23:46	
UVSP	23:50				Wave length=2788A	Exp # = 89457	
Event # = 22801	89/05/27, 05:38	Start	DOY=147	Peak			
Optical							
GOES	05:37	05:38	05:43	End times	Ha...Class=SF	Mac.=FKI	H. Ang=53deg
BCS					CaPeak.c/s=23		
FCS					Wave length=1375A		
UVSP	05:37						
Event # = 22802	89/05/27, 05:51	Start	DOY=147	Peak			
Optical							
GOES	05:47	05:51	05:53	End times	Ha...Class=SF	Mac.=FKI	H. Ang=53deg
BCS	05:49	05:51	05:53		Importance=C2		
FCS					CaPeak.c/s=41		
UVSP	05:37				Wave length=1375A		
Event # = 22803	89/05/28, 11:07	Start	DOY=148	Peak			
Optical							
GOES	10:53	11:07	11:21	End times	Ha...Class=SF	Mac.=FKI	H. Ang=72deg
BCS	11:03	11:07	11:16		Importance=C2		
FCS					CaPeak.c/s=58		
UVSP	10:40				Wave length=2788A		

Event # = 11332
 89/05/28, 12:28 DOY=148 Peak Start End times
 SMM Pointing: S19W70 H. Ang=71deg
 Ha...Class=1N AR5497
 Code=BSL AR5497
 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 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 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 H. Ang=73deg
 Ha...Class=SF N20E20
 Importance=C2 Qual=01
 Peak...c/s=102 Qual=01
 Wavelength=2788A Code=02
 MaxkeV=102
 Rast=180"x1" Step=0" Pitch=+457", Yaw=-515"

Event # = 22807
 89/05/28, 21:39 DOY=148 Peak Start End times
 SMM Pointing: S19W72 H. Ang=73deg
 Ha...Class=SF N20E20
 Importance=C2 Qual=01
 Peak...c/s=102 Qual=01
 Wavelength=2788A Code=02
 MaxkeV=102
 Rast=180"x1" Step=0" Pitch=+457", Yaw=-515"

Event # = 11334	89/05/28, 22:15	Start	DOY=148	Peak	SMM Pointing:	S19W75	Pitch=+581", Yaw=-710", Roll=-20deg	H. Ang=75deg
Optical	22:04	22:15	22:44	End times	Ha...Class=1N	N21E19	Mac.=CA0	H. Ang=29deg
GOES	22:05:43	22:07:10	22:14:03		Importance=M1	Qual=03		
HXRBS	22:11	22:14	22:21		Peak...c/s=167	Qual=01		
BCS	22:13	22:14	22:21		CaPeak.c/s=65	Qual= 1		
FCS								
UVSP	22:13	22:15	22:44		Wavelength=2788A	Code=00	#Peaks=1	dt= 3.8s
Radio Sweeps					III/3		Step=15"	XEN=914806
Radio	Frequency (MHz)	Type/Intensity:			245/70	606/67	Pitch=+462"	1.024s/pixel
		Flux(sfu):					Yaw=-528"	
Event # = 11335	89/05/28, 23:03	Start	DOY=148	Peak	SMM Pointing:	S19W75	Pitch=+581", Yaw=-710", Roll=-20deg	H. Ang=75deg
Optical	22:59	23:03	23:09	End times	Ha...Class=SF	S17W74	Mac.=FKI	H. Ang=74deg
GOES	22:57:49	23:02:01	23:04:09		Importance=C8	Qual=04		
HXRBS	22:58	23:02	23:45		Peak...c/s=60	Qual=02		
BCS	22:48	23:02	23:45		CaPeak.c/s=289	Qual= 1		
FCS								
UVSP	22:48	23:03	23:09		Wavelength=2788A	Code=00	Flags=SN	dt= 3.8s
Radio Sweeps					II/2		#Peaks=1	XEN=914807
Radio	Frequency (MHz)	Type/Intensity:			245/67	15400/67	Step=10"	1.024s/pixel
		Flux(sfu):					Step=0"	Yaw=-529"
Event # = 22808	89/05/29, 00:37	Start	DOY=149	Peak	SMM Pointing:	S19W75	Pitch=+581", Yaw=-710", Roll=-20deg	H. Ang=75deg
GOES	00:31	00:37	01:27	End times	Ha...Class=SF	S17W74	Mac.=FKI	H. Ang=74deg
BCS	00:22	00:37	01:27		Importance=C8	Qual=04		
FCS					Peak...c/s=60	Qual=02		
UVSP	00:22	00:37	01:27		CaPeak.c/s=289	Qual= 1		
					Wavelength=2788A	Code=00	Flags=SN	dt= 3.8s
Event # = 22809	89/05/29, 02:24	Start	DOY=149	Peak	SMM Pointing:	S19W75	Pitch=+581", Yaw=-710", Roll=-20deg	H. Ang=75deg
GOES	02:22	02:24	02:32	End times	Ha...Class=1N	N22E15	Mac.=FKI	H. Ang=74deg
BCS	02:22	02:24	02:32		Importance=M1	Qual=01		
FCS					Peak...c/s=167	Qual=01		
UVSP	02:22	02:24	02:32		CaPeak.c/s=65	Qual= 1		
					Wavelength=2788A	Code=00	Flags=SN	dt= 3.8s
Event # = 11336	89/05/29, 02:54	Start	DOY=149	Peak	SMM Pointing:	S19W78	Pitch=+586", Yaw=-720", Roll=-20deg	H. Ang=78deg
Optical	02:45	02:54	02:58	End times	Ha...Class=1N	N22E15	Mac.=DK0	H. Ang=27deg
GOES	02:47:36	02:51:52	02:54:12		Importance=M1	Qual=01		
HXRBS	02:52	02:54	02:58		Peak...c/s=249	Qual=01		
UVSP	02:52	02:54	02:58		Wavelength=2788A	Code=00	Flags=SN	dt= 3.8s
					III/3		#Peaks=1	XEN=914901
					245/70	606/67	Step=15"	1.024s/pixel
							Step=0"	Yaw=-536"

Event # = 11337	89/05/29, 03:34	Start	DOY=149	Peak																	Pitch=+586", Yaw=-720", Roll=-20deg	H. Ang=78deg	
	Optical				SMM Pointing:	S19W78			AR5497												Mac. =FKI	Carr. Lon. =31deg	H. Ang=77deg
	G0ES	03:27	03:34	04:27	Ha...Class=IN	S18W77															MaxkeV=187	Flags=M5, SA	
	HXRBS	03:41:59	03:50:16	03:52:35	Importance=M2	Qual=05			Tot Cts=8398												Rast=265"x265"	Step=5"	Pitch=+594", Yaw=-709"
	UVSP	03:41			Peak...c/s=153	Qual=02			Exp #=89571														
	Radio Sweeps				Wavelength=1375A	Code=02																	
	Radio Frequency (MHz)/Flux(sfu):				III/3 V/3																		
					245/430 410/120 1415/100 2695/65																		
Event # = 11338	89/05/29, 04:33	Start	DOY=149	Peak																		Pitch=+586", Yaw=-720", Roll=-20deg	H. Ang=78deg
	Optical				SMM Pointing:	S19W78			AR5497												Mac. =FKI	Carr. Lon. =29deg	H. Ang=76deg
	Optical				Ha...Class=IF	S17W76			AR5497													Carr. Lon. =30deg	H. Ang=78deg
	G0ES	04:29	04:33	05:59	Ha...Class=SF	S21W77															MaxkeV=102	Flags=EN, DG	
	HXRBS	04:16:19	04:28:11	04:33:03	Importance=M3	Qual=02			Tot Cts=25311												FePeak.c/s=503	#Peaks=2	dt= 7.7s
	B0CS	03:44	04:30	04:33	Peak...c/s=168	Qual=13			FePeak=04:30												Rast=180"x180"	Cad= 332s	XEN=914902
	FCS				CaPeak.c/s=1793	Qual= 2			Exp #=89573												Rast=265"x265"	Step=5"	1.024s/pixel
	UVSP	05:13			Wavelength=1375A																	Pitch=+595", Yaw=-711"	
	Radio Sweeps				III/2				Event # = 22810														
	Radio Frequency (MHz)/Flux(sfu):				Associated				FePeak=05:21												FePeak.c/s=14	#Peaks=1	dt= 3.8s
					CaPeak.c/s=362	Qual= 5			Exp #=89574												Rast=180"x180"	Step=10"	XEN=914903
	B0CS	05:21	05:21	06:04	Wavelength=1375A																Rast=110"x200"	Step=5"	1.024s/pixel
	FCS																						
	UVSP	05:17																				Pitch=-110" x200", Yaw=-739"	
Event # = 22811	89/05/29, 07:02	Start	DOY=149	Peak																		Pitch=-110" x200", Yaw=-739"	
	G0ES	07:01	07:02	07:05					Qual=00												FePeak.c/s=8	#Peaks=1	dt= 7.7s
	B0CS				CaPeak.c/s=24				Qual= 4												Rast=0"x0"	Step=0"	XEN=914904
	FCS				Wavelength=1375A																Rast=110"x200"	Step=5"	1.024s/pixel
	UVSP	06:49																				Pitch=+583", Yaw=-741"	
Event # = 11339	89/05/29, 07:12	Start	DOY=149	Peak																		Pitch=-720", Roll=-20deg	H. Ang=78deg
	G0ES	07:12:05	07:12:57	07:13:10	SMM Pointing:	S19W78																	
	HXRBS	07:07:07	07:12:05	07:13:10	Peak...c/s=142	Qual=00															MaxkeV=187	Flags=M5, SA	
	UVSP	07:07			Wavelength=1375A	Qual=01			Tot Cts=1911												Rast=110"x200"	Step=5"	Pitch=-742"
	Radio Sweeps				III/3				Exp #=89583														
	Radio Frequency (MHz)/Flux(sfu):				245/74																		
Event # = 11340	89/05/29, 07:19	Start	DOY=149	Peak																		Pitch=+586", Yaw=-720", Roll=-20deg	H. Ang=78deg
	G0ES	07:16	07:19	07:21	SMM Pointing:	S19W78																	
	HXRBS	07:17:09	07:17:25	07:18:16	Importance=C2	Qual=01			Tot Cts=277												MaxkeV=102	#Peaks=1	dt= 3.8s
	B0CS	07:17	07:18	07:22	Peak...c/s=44	Qual=01			FePeak=07:18												FePeak.c/s=12	Step=15"	XEN=914905
	FCS				CaPeak.c/s=44	Qual= 1			Exp #=89583												Rast=240"x240"	Step=5"	1.024s/pixel
	UVSP	07:07			Wavelength=1375A	Code=00															Rast=110"x200"	Step=5"	Pitch=+608", Yaw=-742"

Event # = 11341	DOY=149	SMM Pointing: S19W78			Pitch=+586", Yaw=-720", Roll=-20deg	H. Ang=78deg
89/05/29, 07:37	Peak	End times				
G0ES	07:36:04	07:37:08	Qual=00			
HXRBS	07:37	07:38	Peak...c/s=68	Tot Cts=653	dt= 7.7s	XEN=914906
BCS	07:37	07:38	CaPeak.c/s=124	FePeak=07:37	Step=15"	Cad= 262s
FCS				Exp # = 89585	Step=5"	Pitch=+613", Yaw=-742"
UVSP	07:26		Wave length=1375A			
Event # = 22812	DOY=149					
89/05/29, 08:43	Peak	End times				
Optical				AR5506	Carr. Lon.=301deg	H. Ang=26deg
G0ES	08:43	08:45	Ha...Class=SF	N23E10	Mac. =DK0	
BCS	08:43	08:45	CaPeak.c/s=22	Qual=01		
FCS				Qual= 1		
UVSP	08:37		Wave length=1375A	FePeak=08:43		
				Exp # = 89591		
Event # = 22813	DOY=149					
89/05/29, 09:08	Peak	End times				
G0ES	08:59	09:24	Importance=C2	Qual=03		
BCS	09:00	09:11	CaPeak.c/s=85	Qual= 1	FePeak=09:01	dt= 3.8s
FCS					Step=15"	XEN=914908
UVSP	09:03		Wave length=1375A	Code=00	Step=0"	Cad= 262s
				Exp # = 89595		Pitch=-883", Yaw=-330"
Event # = 22814	DOY=149					
89/05/29, 13:28	Peak	End times				
Optical				AR5497	Carr. Lon.=38deg	H. Ang=90deg
G0ES	13:12	13:40	Ha...Class=SF	S23W90	Mac. =FKI	
BCS	13:19	13:50	Importance=C5	Qual=01		
FCS			CaPeak.c/s=256	Qual= 1	FePeak=13:27	dt= 7.7s
UVSP	13:41		Wave length=2788A		Step=10"	XEN=914909
Radio			Frequency(MHz)/Flux(sfu): 245/88	Exp # = 89600	Step=0"	Cad= 332s
						Pitch=+472", Yaw=-548"
Event # = 22815	DOY=149					
89/05/29, 16:48	Peak	End times				
G0ES	16:44	16:52	Importance=C2	Qual=01		
BCS	16:45	16:53	CaPeak.c/s=48	Qual= 1	FePeak=16:46	dt= 3.8s
FCS					Step=0"	XEN=914910
UVSP	16:47		Wave length=2788A	Code=00	Step=0"	Cad= 0.26s
Radio			Frequency(MHz)/Flux(sfu): 245/70	Exp # = 89604	Step=0"	Pitch=+475", Yaw=-551"
Event # = 22816	DOY=149					
89/05/29, 17:50	Peak	End times				
G0ES	17:49	17:53	CaPeak.c/s=24	Qual=00	FePeak=17:49	dt= 7.7s
BCS	17:49	17:53	Wave length=2788A	Qual= 4	Step=0"	XEN=914911
FCS					Step=0"	Cad=1.02s
UVSP	17:23			Exp # = 89605	Step=0"	Pitch=+475", Yaw=-551"

Event # = 11342
 89/05/29, 22:20 DOY=149
 Start Peak
 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
 Importance=C2
 Peak...c/s=46
 CaPeak.c/s=54
 Wavelength=2788A Code=01 Exp #=89611
 Qual=01
 Qual=01
 Qual=1
 Tot Cts=258
 FePeak=22:19
 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"

Event # = 22817
 89/05/29, 22:47 DOY=149
 Start Peak
 GOES 22:46 22:47 22:50
 BCS
 FCS
 UVSP 22:58
 CaPeak.c/s=20
 Wavelength=2788A
 Qual=00
 Qual= 4 FePeak=22:48
 Exp #=89612
 FePeak.c/s=10
 Rast=240"x240"
 Rast=180"x1"
 dt= 7.7s XEN=914913
 Cad= 262s 1.024s/pixel
 Pitch=+475", Yaw=-551"

89/05/30 DOY=150
 Event # = 22818
 89/05/30, 00:50 DOY=150
 Start Peak
 GOES 00:28 00:50 00:59
 BCS 00:27 00:32 00:39
 FCS
 UVSP 00:31
 Importance=C3
 CaPeak.c/s=92
 Wavelength=2788A Code=01 Exp #=89614
 Qual=02
 Qual= 3 FePeak=00:32
 FePeak.c/s=22
 Rast=180"x180"
 Rast=180"x1"
 dt= 3.8s XEN=915000
 Cad= 332s 1.024s/pixel
 Pitch=+475", Yaw=-551"

Event # = 11343
 89/05/30, 01:10 DOY=150
 Start Peak
 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
 Importance=M7
 Peak...c/s=42
 CaPeak.c/s=1785
 Wavelength=1375A
 III/2
 S20W79
 Qual=05
 Qual=02
 Qual= 5
 Tot Cts=122
 FePeak=01:16
 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"

Event # = 22819
 89/05/30, 01:41 DOY=150
 Start Peak
 GOES 01:41 01:41 01:57
 BCS
 FCS
 UVSP 01:24
 CaPeak.c/s=89
 Wavelength=1375A
 Qual=05
 Qual= 5 FePeak=01:43
 Exp #=89616
 FePeak.c/s=8
 Rast=240"x240"
 Rast=70"x70"
 dt= 7.7s XEN=915002
 Cad= 262s 1.024s/pixel
 Pitch=+615", Yaw=-725"

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
 Carr. Lon. =297deg H. Ang=29deg
 Mac. =HSX
 MaxkeV=102
 FePeak.c/s=15 dt= 3.8s XEN=915003
 Rast=180"x180" Cad= 332s 1.024s/pixel
 Rast=110"x200" Pitch=+620" ,Yaw=-751"
 #Peaks=2
 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
 UVSP 04:28 Wavelength=1375A Code=00
 Exp #=89625
 FePeak=04:31
 Exp #=89625
 FePeak.c/s=15
 Rast=0"x0"
 Rast=110"x200"
 dt= 7.7s XEN=915004
 Cad=1.02s 1.024s/pixel
 Pitch=+625" ,Yaw=-751"

Event # = 22821
 89/05/30, 07:21 DOY=150
 Start Peak End times
 Optical
 GOES 07:12 07:21 07:58 Code=LPS
 BCS 07:43 07:43 08:01 Importance=M4
 FCS CaPeak.c/s=512
 UVSP 07:32 Wavelength=1375A
 Exp #=89638
 Event # = 22822
 BCS 08:01 08:01 08:05 Associated
 FCS CaPeak.c/s=24
 UVSP 08:01 Wavelength=1375A
 Exp #=89644
 Carr. Lon. =28deg H. Ang=90deg
 #Peaks=1
 Step=15"
 Step=5"
 dt= 3.8s XEN=915005
 Cad= 262s 1.024s/pixel
 Pitch=+603" ,Yaw=-723"
 dt= 7.7s XEN=915006
 Cad=1.02s 1.024s/pixel
 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
 BCS 09:19 09:22 09:45 CaPeak.c/s=168
 FCS
 UVSP 09:21 Wavelength=1375A Code=00
 Exp #=89651
 FePeak=09:21
 Exp #=89651
 FePeak.c/s=32
 Rast=180"x180"
 Rast=10"x10"
 dt= 3.8s XEN=915007
 Cad= 332s 1.024s/pixel
 Pitch=+625" ,Yaw=-715"

Event # = 22824
 89/05/30, 13:18 DOY=150
 Start Peak End times
 GOES 13:10 13:18 13:41 Importance=M3
 BCS 13:38 13:39 14:02 CaPeak.c/s=147
 FCS
 UVSP 13:28 Wavelength=2788A
 Exp #=89659
 FePeak=13:39
 Exp #=89659
 FePeak.c/s=9
 Rast=240"x240"
 Rast=180"x11"
 dt= 3.8s XEN=915008
 Cad= 262s 1.024s/pixel
 Pitch=+475" ,Yaw=-551"

Event # = 22825 DOY=150
 89/05/30,19:23 Start Peak End times
 Carr. Lon.=233deg H.Ang=60deg
 Optical N14E59 AR5516
 G0ES 19:06 19:35 19:35 FePeak=19:10 dt= 3.8s XEN=915009
 BCS 19:06 19:12 19:12 FePeak=19:10 Step=15" Cad= 262s 1.024s/pixel
 FCS 19:06 19:12 19:12 FePeak=19:10 Step=0" Pitch=+475",Yaw=-551"
 UVSP 19:39
 Radio Sweeps Type/Intensity: W/1
 Wavelength=2788A Exp #=89667
 FePeak.c/s=29 Rast=240"x240" Rast=180"x1"

Event # = 22826 DOY=150
 89/05/30,19:45 Start Peak End times
 Carr. Lon.=234deg H.Ang=57deg
 G0ES 19:38 19:45 19:54 FePeak=19:49 dt= 3.8s XEN=915010
 BCS 19:49 19:50 20:10 FePeak=19:49 Step=15" Cad= 262s 1.024s/pixel
 FCS 19:49 19:50 20:10 FePeak=19:49 Step=0" Pitch=+475",Yaw=-551"
 UVSP 19:39
 Wavelength=2788A Code=00 Exp #=89667
 FePeak.c/s=19 Rast=240"x240" Rast=180"x1"

Event # = 11348 DOY=150
 89/05/30,22:02 Start Peak End times
 Carr. Lon.=234deg H.Ang=57deg
 Optical N13E56 AR5516
 G0ES 22:01:18 22:02:23 22:02:34 FePeak=22:02:23 dt= 3.8s XEN=915103
 HXRBS 22:01:18 22:02:23 22:02:34 FePeak=22:02:23 Step=15" Cad= 332s 1.024s/pixel
 UVSP 22:11 22:02:23 22:02:34 FePeak=22:02:23 Step=0" Pitch=+475",Yaw=-551"
 MaxVel=102 Rast=180"x1"

Event # = 11345 DOY=151
 89/05/31,00:39 Start Peak End times
 Carr. Lon.=234deg H.Ang=57deg
 G0ES 00:17 00:39 01:02 FePeak=00:27:26 dt= 3.8s XEN=915103
 HXRBS 00:27:00 00:27:26 00:29:10 FePeak=00:27:00 Step=15" Cad= 332s 1.024s/pixel
 BCS 00:27 00:32 01:05 FePeak=00:27:00 Step=0" Pitch=+475",Yaw=-551"
 FCS 00:17 01:05 01:11 FePeak=00:27:00 Step=0" Pitch=+475",Yaw=-551"
 UVSP 01:15
 Wavelength=2788A Code=01 Exp #=89673
 Associated Event # = 22827
 CaPeak.c/s=40 Qual= 5 FePeak=01:05
 MaxVel=102 Rast=180"x1" Flags=SN #Peaks=1
 FePeak.c/s=296 Rast=180"x180" Step=10" XEN=915104
 Rast=180"x1" Step=0" Pitch=+475",Yaw=-551"
 FePeak.c/s=8 Rast=240"x240" #Peaks=1 dt= 7.7s XEN=915104
 Rast=180"x1" Step=0" Pitch=+475",Yaw=-551"

Event # = 11346 DOY=151
 89/05/31,02:34 Start Peak End times
 Carr. Lon.=234deg H.Ang=57deg
 G0ES 02:34:27 02:34:42 02:34:57 FePeak=02:34:27 dt= 3.8s XEN=915103
 HXRBS 02:34:27 02:34:42 02:34:57 FePeak=02:34:27 Step=15" Cad= 332s 1.024s/pixel
 UVSP 02:49 02:34:27 02:34:57 FePeak=02:34:27 Step=0" Pitch=+475",Yaw=-551"
 SMM Pointing: S19W87
 Qual=01
 Qual=01
 Peak...c/s=43 FePeak=02:34:27
 Wavelength=2788A Exp #=89674
 Pitch=+596",Yaw=-736",Roll=-20deg H.Ang=87deg
 MaxVel=102 Rast=180"x1" Step=0" Pitch=+475",Yaw=-551"

Event # = 11347 DOY=151
 89/05/31,04:03 Start Peak End times
 Carr. Lon.=234deg H.Ang=57deg
 Optical S22E03 AR5511
 G0ES 03:59 04:03 04:06 FePeak=04:02 dt= 7.7s XEN=915100
 HXRBS 03:54:33 03:54:54 03:55:11 FePeak=04:02 Step=0" Cad=1.02s 1.024s/pixel
 BCS 04:02 04:02 04:04 FePeak=04:02 Step=5" Pitch=+505",Yaw=-815"
 FCS 04:02 04:02 04:04 FePeak=04:02 Step=5" Pitch=+505",Yaw=-815"
 UVSP 03:41
 Wavelength=1375A Code=00 Exp #=89678
 SMM Pointing: S19W87
 Ha...Class=SF S22E03
 Importance=C2 Qual=01
 Peak...c/s=37 Qual=01
 CaPeak.c/s=23 Qual= 4
 Wavelength=1375A Code=00 Exp #=89678
 Pitch=+596",Yaw=-736",Roll=-20deg H.Ang=87deg
 Mac.=DAI Carr. Lon.=284deg H.Ang=21deg
 MaxVel=102 Rast=70"x70" #Peaks=1 dt= 7.7s XEN=915100
 FePeak.c/s=5 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
 Rast=70"x70" Step=5" Pitch=+505",Yaw=-815"

Event # = 11349	89/05/31, 13:27		DOY=151	Peak	SMM Pointing: S19W87		Pitch=+595", Yaw=-736", Roll=-20deg		H. Ang=87deg	
GOES	13:22:22	13:23:10	13:23:30	13:45	Qual=03	Peak...c/s=66	Tot Cts=914	dt= 7.7s	XEN=915101	
HXRBS	13:19	13:27	13:45		Qual=01	CaPeak.c/s=45	FePeak=13:23	Cad=1.02s	1.024s/pixel	
BCS					Qual= 3			Pitch=+475"	Yaw=-551"	
FCS										
UVSP	13:39					Wavelength=2788A	Exp #=89713			
Event # = 22828										
89/05/31, 14:52	DOY=151		Peak	SMM Pointing: S22W11		Pitch=+380", Yaw=-38", Roll=-20deg		H. Ang=24deg		
GOES	14:50	14:52	15:02		Qual=01	CaPeak.c/s=24	FePeak=14:51	dt= 7.7s	XEN=915102	
BCS					Qual= 4			Cad=1.02s	1.024s/pixel	
FCS								Pitch=+475"	Yaw=-551"	
UVSP	15:10					Wavelength=2788A	Exp #=89715			
Event # = 11350										
89/06/01, 01:20	DOY=152		Peak	SMM Pointing: S22W11		Pitch=+380", Yaw=-38", Roll=-20deg		H. Ang=24deg		
Optical										
GOES	01:16	01:20	01:23		Qual=01	Ha...Class=SF	AR5517	Carr. Lon.=198deg	H. Ang=78deg	
HXRBS	01:16:28	01:17:05	01:19:48		Qual=01	Importance=C2				
BCS					Qual=01	Peak...c/s=45	Tot Cts=683			
FCS					Code=02	Wavelength=1375A	Exp #=89742			
UVSP	01:20					Frequency(MHz)/Flux(sfu): 245/170 606/3		Step=0"	Pitch=+352", Yaw=+0"	
Event # = 11351										
89/06/01, 03:37	DOY=152		Peak	SMM Pointing: S22W12		Pitch=+388", Yaw=-59", Roll=-20deg		H. Ang=24deg		
Optical										
GOES	03:32	03:37	03:42		Qual=03	Importance=C2				
HXRBS	03:32:34	03:32:58	03:33:44		Qual=01	Peak...c/s=60	Tot Cts=784			
BCS					Code=00	Wavelength=1375A	Exp #=89750			
FCS								Step=5"	Pitch=+352", Yaw=+18"	
UVSP	02:52									
Event # = 22829										
89/06/01, 04:52	DOY=152		Peak	SMM Pointing: S20W22		Pitch=+412", Yaw=-211", Roll=-20deg		H. Ang=29deg		
Optical										
GOES	03:54	04:52	05:43		Qual=02	Ha...Class=SF	AR5515	Carr. Lon.=290deg	H. Ang=27deg	
HXRBS	04:25	04:27	04:37		Qual= 4	Importance=C2				
BCS					Qual= 4	CaPeak.c/s=34	FePeak=04:27			
FCS										
UVSP	04:41					Wavelength=1375A	Exp #=89755			
Event # = 11352										
89/06/01, 21:33	DOY=152		Peak	SMM Pointing: S18E67		Pitch=+412", Yaw=-211", Roll=-20deg		H. Ang=29deg		
Optical										
GOES	21:29	21:33	21:35		Qual=01	Ha...Class=IN	AR5517	Carr. Lon.=197deg	H. Ang=68deg	
HXRBS	21:30:27	21:31:07	21:31:22		Qual=01	Importance=C3				
BCS					Qual=01	Peak...c/s=77	Tot Cts=543			
FCS					Code=01	Wavelength=2788A	Exp #=89774			
UVSP	21:09					Frequency(MHz)/Flux(sfu): 245/150 410/120		Step=0"	Pitch=+291", Yaw=-25"	

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	Code=02	MaxkeV=187	
HXRBS 23:30:00	23:31:26	Wavelength=2788A		Rast=180"x1"	Pitch=+298", 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	Ha...Class=1F	S18E64		
Optical		Importance=C2	Qual=01		
GOES 00:47:25	00:47:43	Peak...c/s=45	Code=00	MaxkeV=102	
HXRBS 01:12		Wavelength=2788A		Rast=180"x1"	Pitch=+302", Yaw=-55"
UVSP 01:12		III/3 V/3			
Radio	Type/Intensity:				
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		
Optical		Peak...c/s=72	Qual=12	Flags=SA,DG	
GOES 05:20	05:47	Wavelength=1375A	Code=00	MaxkeV=102	
HXRBS 05:09:44	05:23:27	III/1		Rast=10"x10"	Pitch=+438", Yaw=-220"
UVSP 05:37					
Radio	Type/Intensity:				
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=01		
GOES 08:56:55	08:57:27	Wavelength=1375A		MaxkeV=102	
HXRBS 08:49		III/2		Rast=30"x30"	Pitch=+512", Yaw=-338"
UVSP 08:49		245/230 410/100 606/55			
Radio	Frequency(MHz)/Flux(sfu):				
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		
Optical		Peak...c/s=6205	Qual=01	Flags=M5	
GOES 10:12	10:16	Wavelength=1375A	Code=00		Dur=60sec
HXRBS 10:13:29	10:14:16	V/2		Rast=30"x30"	Pitch=+515", Yaw=-347"
GRS 10:14:00		245/1800 410/600 606/240 1415/130 2695/70			
UVSP 10:05					
Radio	Type/Intensity:				
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			Dur=240sec
GRS 16:01:00		III/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		
HXRBS	17:53:57	Frequency(MHz)/Flux(stu):	245/330				
Radio			606/73				
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		
HXRBS	18:12:03	Frequency(MHz)/Flux(stu):	245/470				
Radio			410/490				
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		
HXRBS	19:20:00				Qual=01		
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
UVSP 03:28 Wavelength=2788A Code=00 Rast=240"x240" Cad= 262s 1.024s/pixel
Step=15" Pitch=+53", Yaw=+775"

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"

Event # = 22833 DOY=154 Qual=00 FePeak.c/s=8 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 Cad=1.02s 1.024s/pixel
BCS UVSP 07:59 Type/Intensity: III/3 Exp #=89845 Step=5" Pitch=+37", Yaw=+692"

Event # = 22834 DOY=154 Qual=00 FePeak.c/s=6 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 Cad=1.02s 1.024s/pixel
BCS UVSP 10:28 Wavelength=1375A Exp #=89848 Step=5" Pitch=+64", Yaw=+743"

Event # = 22835		DOY=154													
89/06/03	10:20	Start	Peak	End times											
GOES	10:16			10:47	Importance=M2	Qual=05									
BCS	10:42			11:20	CaPeak.c/s=09	Qual=5	FePeak=10.44								
UVSP	10:28				Wavelength=1375A	Code=02	Exp #=89848								
Event # = 11366		DOY=154													
89/06/03	12:20	Start	Peak	End times	SMM Pointing:	S19E48									
Optical															
GOES	12:15			12:33	Ha...Class=IN	S21E78	AR5520								
HXRBS	12:16:20			12:20:18	Importance=M3	Qual=01									
GRS	12:17:00			12:18:00	Peak...c/s=1268	Qual=01	Tot Cts=20701								
BCS	12:09			12:22	CaPeak.c/s=865	Qual=1	FePeak=12.18								
FCS															
UVSP	12:46				Wavelength=2788A		Exp #=89858								
Radio Sweeps					Type/Intensity:	V/1									
Radio					Frequency(MHz)/Flux(sfu):	245/750 410/1000 606/57 2695/96									
BCS	12:23			12:50	CaPeak.c/s=39	Qual=5	FePeak=12.23								
FCS					Associated Event # = 22836										
Event # = 22837		DOY=154													
89/06/03	13:23	Start	Peak	End times											
Optical															
GOES	13:12			14:08	Ha...Class=2B	S18E48	AR5517								
BCS	13:30			14:25	Importance=M3	Qual=05									
FCS					CaPeak.c/s=606	Qual=5	FePeak=13.31								
UVSP	13:21				Wavelength=2788A	Code=00	Exp #=89859								
Radio Sweeps					Type/Intensity:	I1/3 I11/3									
Radio					Frequency(MHz)/Flux(sfu):	245/84 410/410 606/13000 1415/240 2695/150 4995/310 8800/260 15400/95									
Event # = 22838		DOY=154													
89/06/03	15:04	Start	Peak	End times											
Optical															
GOES	15:04			15:14	CaPeak.c/s=19	Qual=00	FePeak=15.04								
BCS	15:04			15:14	CaPeak.c/s=19	Qual=5	FePeak=15.04								
FCS															
UVSP	14:54				Wavelength=2788A		Exp #=89861								
Event # = 11367		DOY=154													
89/06/03	15:48	Start	Peak	End times	SMM Pointing:	S19E46									
Optical															
GOES	15:43:37			15:44:23	Peak...c/s=50	Qual=00									
HXRBS	15:44			15:58	CaPeak.c/s=48	Qual=01	Tot Cts=560								
BCS	15:44			15:58	CaPeak.c/s=48	Qual=1	FePeak=15.46								
FCS															
UVSP	15:52				Wavelength=2788A		Exp #=89862								

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Event # = 22839
89/06/03,16:28 DOY=154      End times
  Start Peak              16:50
GOES 16:20 16:28          17:18
BCS 16:36 16:42
FCS
UVSP 16:26

Importance=M1      Qual=05
CaPeak.c/s=131    Qual=4
FePeak=16:42      FePeak=16:42
WaveLength=2788A Code=00 Exp #=89863

FePeak.c/s=13     dt= 3.8s    XEN=915412
Rast=240"x240"   Cad= 262s   1.024s/pixel
Rast=180"x1"     Pitch=0"    1.024s/pixel

SMM Pointing:      S19E45      H.Ang=47deg
Ha...Class=SF     Carr.Lon.=296deg
Importance=M2     AR5507      H.Ang=62deg
Peak...c/s=94    Tot Cts=7289
UVSP 17:24      Exp #=89864
Type/Intensity:   Step=0"     Pitch=-50",Yaw=+621"
V/2
Associated         Event # = 11369
Peak...c/s=50    Tot Cts=322
MaxkeV=102
HXRB 17:06:24 17:06:46 17:06:58

Event # = 11368
89/06/03,17:02 DOY=154      End times
  Start Peak              17:18
Optical           17:02 17:18
GOES 16:56 17:02
HXRB 16:54:45 16:57:59 17:02:26
UVSP 17:24      Exp #=89864
Type/Intensity:   Step=0"     Pitch=-50",Yaw=+621"
V/2
Associated         Event # = 11369
Peak...c/s=50    Tot Cts=322
MaxkeV=102
HXRB 17:06:24 17:06:46 17:06:58

Event # = 22840
89/06/03,17:29 DOY=154      End times
  Start Peak              17:31
GOES 17:28 17:29 17:31
BCS
FCS
UVSP 17:24      Exp #=89864

CaPeak.c/s=24    Qual=00
Wavelength=2788A Qual=2
FePeak=17:29     FePeak=17:29
Exp #=89864      Exp #=89864

FePeak.c/s=6     dt= 7.7s    XEN=915413
Rast=240"x240"  Cad= 262s   1.024s/pixel
Rast=180"x1"    Pitch=0"    1.024s/pixel

SMM Pointing:      S19E44      H.Ang=47deg
Ha...Class=IF     Carr.Lon.=162deg
Importance=X1     AR5521      H.Ang=78deg
Peak...c/s=8365  Tot Cts=1.09E+6
CaPeak.c/s=3233 Qual=1     Flags=M5
Wavelength=2788A Exp #=89866
Frequency(MHz)/Flux(sfu): 1415/92 2695/110 8800/580
Associated         Event # = 11371
Peak...c/s=52    Tot Cts=185
MaxkeV=102
HXRB 18:51:30 18:51:45 18:52:01

Event # = 11370
89/06/03,18:34 DOY=154      End times
  Start Peak              19:04
Optical           18:34 19:04
GOES 18:19 18:34
HXRB 18:25:50 18:29:36 18:45:59
GRS 18:29:00 18:32:00
BCS 18:20 18:33 19:04
FCS
UVSP 18:56
Radio Frequency(MHz)/Flux(sfu): 1415/92 2695/110 8800/580
Associated         Event # = 11371
Peak...c/s=52    Tot Cts=185
MaxkeV=102
HXRB 18:51:30 18:51:45 18:52:01

Event # = 11372
89/06/03,23:15 DOY=154      End times
  Start Peak              23:41
Optical           23:05 23:41
GOES 23:05 23:15 23:49
HXRB 23:06:04 23:08:22 23:14:49
BCS 23:32 23:36 23:42
FCS
UVSP 23:35      Exp #=89872
Type/Intensity:   Step=0"     Pitch=-37",Yaw=+585"
V/2
Associated         Event # = 11373
Peak...c/s=54    Tot Cts=428
MaxkeV=102
HXRB 23:21:16 23:21:49 23:22:09
HXRB 23:32:47 23:33:43 23:34:34

FePeak.c/s=368   dt= 3.8s    XEN=915415
Rast=240"x240"  Cad= 262s   1.024s/pixel
Rast=180"x1"    Pitch=0"    1.024s/pixel

SMM Pointing:      S19E41      H.Ang=44deg
Ha...Class=SF     Carr.Lon.=233deg
Importance=M2     AR5516      H.Ang=14deg
Peak...c/s=165   Tot Cts=15867
CaPeak.c/s=73    FePeak=23:35
Wavelength=2788A Exp #=89872
Type/Intensity:   Step=0"     Pitch=-37",Yaw=+585"
V/2
Associated         Event # = 11373
Peak...c/s=54    Tot Cts=428
MaxkeV=102
HXRB 23:21:16 23:21:49 23:22:09
HXRB 23:32:47 23:33:43 23:34:34

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89/06/04 DOY=155

Event # = 11375
 89/06/04, 00:36 DOY=155 S19E41
 Start Peak Pointing: H.Ang=44deg
 Optical Ha...Class=SF S21E76 AR5521
 GOES 00:32 00:36 00:40 00:40 00:40 00:40 00:40 00:40 00:40 00:40
 HXRBS 00:32:58 00:33:04 00:33:30 00:33:30 00:33:30 00:33:30 00:33:30 00:33:30 00:33:30 00:33:30
 BCS 00:35 00:35 00:37 00:37 00:37 00:37 00:37 00:37 00:37 00:37
 FCS
 UVSP 00:10
 Wave length=2788A Code=01 Exp #=89873
 SMM Pointing: Carr. Lon.=160deg H. Ang=77deg
 Mac.=DKI
 MaxkeV=102 dt= 7.7s XEN=915500
 FePeak.c/s=6 Cad=1.02s 1.024s/pixel
 Rast=0"x0" Step=0 Pitch=35", Yaw=+581"
 Rast=180"x1" Step=0

Event # = 11376
 89/06/04, 02:22 DOY=155 S19E40
 Start Peak Pointing: H.Ang=44deg
 Optical Ha...Class=SN S19E34 AR5517
 GOES 02:11 02:22 02:38 02:38 02:38 02:38 02:38 02:38 02:38 02:38
 HXRBS 02:12:02 02:15:48 02:19:06 02:19:06 02:19:06 02:19:06 02:19:06 02:19:06 02:19:06 02:19:06
 BCS 02:14 02:19 02:48 02:48 02:48 02:48 02:48 02:48 02:48 02:48
 FCS
 UVSP 02:41
 Radio Type/Intensity: III/3 V/3
 Sweeps
 Radio Frequency(MHz)/Flux(sfu): 245/230 410/67 606/750 1415/5100 2695/160 4995/130 8800/66 15400/38
 SMM Pointing: Carr. Lon.=201deg H. Ang=38deg
 Mac.=EAI
 MaxkeV=231 dt= 3.8s XEN=915501
 FePeak.c/s=96 Cad= 332s 1.024s/pixel
 Rast=180"x180" Step=10 Pitch=-30", Yaw=+566"
 Rast=180"x1" Step=0

Event # = 22841
 89/06/04, 02:56 DOY=155 S16E72 AR5521
 Start Peak Pointing: Carr. Lon.=163deg H. Ang=73deg
 Optical Ha...Class=2N S16E72
 GOES 02:47 02:56 03:32 03:32 03:32 03:32 03:32 03:32 03:32 03:32
 BCS 02:48 02:48 02:48 02:48 02:48 02:48 02:48 02:48 02:48 02:48
 UVSP 02:41
 FePeak.c/s=7 dt= 7.7s XEN=915502
 Rast=180"x1" Step=0 Pitch=-30", Yaw=+566"
 BCS 03:27 03:27 03:31 03:31 03:31 03:31 03:31 03:31 03:31 03:31
 FCS
 UVSP 03:16
 FePeak.c/s=7 dt= 7.7s XEN=915503
 Rast=0"x0" Step=0 Cad=1.02s 1.024s/pixel
 Rast=180"x1" Step=0 Pitch=-29", Yaw=+562"
 Wave length=2788A Exp #=89877

Event # = 12544
 89/06/04, 08:34 DOY=155 S19E37
 Start Peak Pointing: H.Ang=41deg
 Optical Ha...Class=2N S20E71
 GOES 08:26 08:34 08:49 08:49 08:49 08:49 08:49 08:49 08:49 08:49
 HXRBS 08:27:47 08:31:04 08:41:47 08:41:47 08:41:47 08:41:47 08:41:47 08:41:47 08:41:47 08:41:47
 UVSP 08:29
 FePeak.c/s=144 dt= 7.7s XEN=915504
 Rast=110"x200" Step=5 Pitch=+88", Yaw=+641"
 SMM Pointing: Carr. Lon.=161deg H. Ang=72deg
 Mac.=DKI
 MaxkeV=144
 Rast=110"x200" Step=5

Event # = 12545
 89/06/04, 09:00 DOY=155 S19E36
 Start Peak Pointing: H.Ang=40deg
 Optical Ha...Class=2N S20E71
 GOES 08:51 09:00 09:53 09:53 09:53 09:53 09:53 09:53 09:53 09:53
 HXRBS 08:44:40 08:55:41 08:58:40 08:58:40 08:58:40 08:58:40 08:58:40 08:58:40 08:58:40 08:58:40
 BCS 08:29 08:57 08:59 08:59 08:59 08:59 08:59 08:59 08:59 08:59
 FCS
 UVSP 08:46
 Radio Type/Intensity: III/3 V/3
 Sweeps
 Radio Frequency(MHz)/Flux(sfu): 15400/58
 SMM Pointing: Carr. Lon.=160deg H. Ang=72deg
 Mac.=DKI
 MaxkeV=102 dt= 7.7s XEN=915504
 FePeak.c/s=74 #Peaks=2 Cad= 262s 1.024s/pixel
 Rast=240"x240" Step=15 Pitch=+94", Yaw=+639"
 Rast=110"x200" Step=5

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		AR5521					
GOES	13:18	13:21	13:25	13:25				
HXRBS	13:18:51	13:19:40	13:20:26	13:20:26	#Peaks=1 dt= 7.7s XEN=915505			
BCS	13:20	13:20	13:22	13:22	Step=0" Cad=1.02s 1.024s/pixel			
FCS	CaPeak.c/s=19		Qual= 4		Step=0" Pitch=-5", Yaw=+495"			
UVSP	13:30		Wavelength=2788A Code=02 Exp #=89909		Rast=180"x1"			
Event # = 22843	DOY=155		SMM Pointing: S20E73		Mac.=DKI		H. Ang=39deg	
89/06/04, 14:12	Start	Peak	End times					
Optical	Ha...Class=28		AR5517					
GOES	14:04	14:12	14:36	14:36	#Peaks=1 dt= 3.8s XEN=915506			
BCS	14:14	14:17	14:43	14:43	Step=15" Cad= 262s 1.024s/pixel			
FCS	CaPeak.c/s=700		Qual= 4		Step=0" Pitch=-3", Yaw=+491"			
UVSP	14:05		Wavelength=2788A Code=00 Exp #=89910		Rast=180"x1"			
BCS	14:43	14:43	14:52	14:52	#Peaks=1 dt= 7.7s XEN=915507			
FCS	CaPeak.c/s=35		Qual= 5		Step=15" Cad= 262s 1.024s/pixel			
UVSP	15:03		Wavelength=2788A Code=00 Exp #=89911		Rast=180"x1", Yaw=+487"			
BCS	14:57	14:58	15:06	15:06	#Peaks=1 dt= 7.7s XEN=915508			
FCS	CaPeak.c/s=19		Qual= 4		Step=15" Cad= 262s 1.024s/pixel			
UVSP	15:03		Wavelength=2788A Code=00 Exp #=89911		Rast=180"x1", Yaw=+487"			
Event # = 11378	DOY=155		SMM Pointing: S19E32		Pitch=+122", Yaw=+556", Roll=-20deg		H. Ang=37deg	
89/06/04, 16:22	Start	Peak	End times		Carr. Lon.=158deg			
Optical	Ha...Class=IN		AR5521		H. Ang=70deg			
GOES	16:17	16:22	16:27	16:27	MaxkeV=144			
HXRBS	16:17:50	16:21:16	16:22:21	16:22:21	Rast=180"x1" Step=0" Pitch=+5", Yaw=+476"			
UVSP	16:35		Wavelength=2788A Code=00 Exp #=89913					
Event # = 11379	DOY=155		SMM Pointing: S19E32		Pitch=+126", Yaw=+546", Roll=-20deg		H. Ang=36deg	
89/06/04, 16:41	Start	Peak	End times		Carr. Lon.=158deg			
Optical	Ha...Class=IN		AR5521		H. Ang=70deg			
GOES	16:31	16:41	17:11	17:11	MaxkeV=144			
HXRBS	16:32:20	16:38:17	16:42:30	16:42:30	Flags=EN #Peaks=2 dt= 7.7s XEN=915509			
BCS	16:20	16:40	16:43	16:43	Step=15" Cad= 262s 1.024s/pixel			
FCS	CaPeak.c/s=215		Qual= 3		Step=0" Pitch=+5", Yaw=+476"			
UVSP	16:35		Wavelength=2788A Code=00 Exp #=89913		Rast=180"x1"			
Radio	Frequency(MHz)/Flux(sfu):		4995/55 8800/55 15400/64					
Event # = 22846	DOY=155		SMM Pointing: S20E69		Mac.=DKI		H. Ang=36deg	
89/06/04, 19:21	Start	Peak	End times		Carr. Lon.=158deg			
Optical	Ha...Class=M3		AR5521		H. Ang=70deg			
GOES	19:04	19:21	19:36	19:36	MaxkeV=144			
BCS	19:04	19:21	19:36	19:36	Flags=EN #Peaks=1 dt= 7.7s XEN=915510			
FCS	CaPeak.c/s=24		Qual= 1		Step=0" Cad=1.02s 1.024s/pixel			
UVSP	19:40		Wavelength=2788A Code=00 Exp #=89917		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		
HXRBS	21:13:05	21:17:29	Importance=M6	AR5521	
BCS	21:12	21:18	Peak...c/s=2937		
FCS	21:12	21:18	CaPeak.c/s=1657	Qual=03	Tot Cts=2.38E+5
UVSP	21:14		WaveLength=2788A	Qual=2	FePeak=21:18
Radio Sweeps			Type/Intensity:		
Radio			III/2	Code=00	Exp #=89919
BCS	21:58	22:45	4995/220 8800/410 15400/680		
FCS	21:58	22:45	Associated Event # = 22848		
UVSP	21:49		CaPeak.c/s=969	Qual=5	FePeak=21:59
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, 01:05	Start	End times			
GOES	01:04:32	01:06:45	SMM Pointing: S18E59		
HXRBS	01:04:32	01:06:45	Peak...c/s=64	Qual=00	
UVSP	00:54		WaveLength=2788A	Qual=01	Tot Cts=1308
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
 SMM Pointing: S18E59 H. Ang=60deg
 Carr. Lon.=158deg
 Mac.=EKI
 MaxkeyV=187 FePeak.c/s=216 #Peaks=1 dt= 3.8s XEN=915601
 HXRBS 01:29:54 01:31:02 01:35:08 Qual=11 FePeak=01:32 Cad= 332s 1.024s/pixel
 BCS 01:24 01:33 01:54 Qual= 1 CaPeak.c/s=925 Wavelength=2788A Pitch=-110", Yaw=+749"
 FCS
 UVSP 01:52 Frequency(MHz)/Flux(sfu): 2695/19 4995/89 8800/280 15400/490 Exp #=89925
 Radio Associated Event # = 22851
 BCS 01:54 01:54 01:59 Qual= 5 CaPeak.c/s=45 FePeak=01:55 dt= 7.7s XEN=915602
 FCS Rast=0" x0" Step=0" Cad=1.02s 1.024s/pixel

Event # = 11382
 89/06/05, 03:09 Start DOY=156 Peak
 SMM Pointing: S18E59 H. Ang=60deg
 Roll=-20deg
 Pitch=+10", Yaw=+823", Roll=-20deg
 MaxkeyV=144
 Rast=243" x243" Step=3" Pitch=+19", Yaw=+829"
 GOES 03:05 03:09 03:19 Qual=01
 HXRBS 03:05:55 03:08:13 03:09:54 Code=00 Tot Cts=5009
 UVSP 02:41 Wavelength=2788A Exp #=89926
 Radio Frequency(MHz)/Flux(sfu): 4995/60 8800/26

Event # = 11383
 89/06/05, 03:30 Start DOY=156 Peak
 SMM Pointing: S18E57 H. Ang=59deg
 Roll=-20deg
 Pitch=+13", Yaw=+813", Roll=-20deg
 MaxkeyV=102
 Rast=243" x243" Step=3" Pitch=+19", Yaw=+829"
 GOES 03:30:03 03:30:09 03:30:20 Qual=00
 HXRBS 02:41 Peak...c/s=46 FePeak=04:25
 UVSP 02:41 Wavelength=2788A Exp #=89928
 Radio Frequency(MHz)/Flux(sfu): 4995/60 8800/26

Event # = 22852
 89/06/05, 04:24 Start DOY=156 Peak
 SMM Pointing: S18E57 H. Ang=59deg
 Roll=-20deg
 Pitch=+13", Yaw=+813", Roll=-20deg
 MaxkeyV=102
 Rast=243" x243" Step=3" Pitch=+19", Yaw=+829"
 GOES 04:24 04:24 04:26 Qual=00
 BCS 06:32 06:33 06:37 CaPeak.c/s=24 FePeak=06:32
 FCS Wavelength=1375A Exp #=89939
 UVSP 06:26 Wavelength=1375A

Event # = 22853
 89/06/05, 06:33 Start DOY=156 Peak
 SMM Pointing: S18E57 H. Ang=59deg
 Roll=-20deg
 Pitch=+13", Yaw=+813", Roll=-20deg
 MaxkeyV=102
 Rast=243" x243" Step=3" Pitch=+19", Yaw=+829"
 GOES 06:32 06:33 06:37 Qual=00
 BCS 07:18 07:25 07:34 Importance=M1 FePeak=07:27
 FCS CaPeak.c/s=691
 UVSP 07:27 Wavelength=1375A Code=00 Exp #=89943
 Radio Frequency(MHz)/Flux(sfu): 2695/51 4995/170 8800/280 15400/120

Event # = 22854
 89/06/05, 07:25 Start DOY=156 Peak
 SMM Pointing: S18E57 H. Ang=59deg
 Roll=-20deg
 Pitch=+13", Yaw=+813", Roll=-20deg
 MaxkeyV=102
 Rast=243" x243" Step=3" Pitch=+19", Yaw=+829"
 GOES 07:18 07:25 07:34 Qual=05
 BCS 07:27 07:27 07:50 Qual= 5 FePeak=07:27
 FCS CaPeak.c/s=691
 UVSP 07:27 Wavelength=1375A Code=00 Exp #=89943
 Radio Frequency(MHz)/Flux(sfu): 2695/51 4995/170 8800/280 15400/120

Event # = 22855		DOY=156							
89/06/05,08:57	Start	Peak	End times	Importance=M1	Qual=02				
GOES 07:57	08:57	08:09	09:16	CaPeak.c/s=110	Qual=2	FePeak=08:01			
BCS 07:58	08:09		08:11	Wave length=1375A	Code=00	Exp #=89950			
FCS									
UVSP 08:56									
Event # = 11385		DOY=156							
89/06/05,09:20	Start	Peak	End times	SMM Pointing:	S18E54				
Optical				Ha...Class=SB					
GOES 09:15:57	09:17:41	09:20:58	09:20:58	Peak...c/s=92	Qual=03	AR5521			
HXRBS 09:01	09:20	09:43	09:43	CaPeak.c/s=649	Qual=1	Tot Cts=4975			
FCS				Wave length=1375A	Associated	Exp #=89952			
UVSP 09:11				CaPeak.c/s=31	Qual=5	Event # = 22856			
BCS 09:43	09:43	09:43	09:43	Wave length=1375A		FePeak=09:43			
FCS						Exp #=89954			
UVSP 09:28									
Event # = 11386		DOY=156							
89/06/05,11:17	Start	Peak	End times	SMM Pointing:	S18E54				
Optical				Ha...Class=1B					
GOES 11:09	11:17	11:53	11:53	Importance=M3	Qual=03	AR5521			
HXRBS 11:11:31	11:13:45	11:15:45	11:15:45	Peak...c/s=2807	Qual=03	Tot Cts=1.66E+5			
BCS 11:10	11:15	11:16	11:16	CaPeak.c/s=2639	Qual=1	FePeak=11:15			
FCS				Wave length=2788A	Associated	Exp #=89957			
UVSP 11:44				CaPeak.c/s=46	Qual=5	Event # = 22857			
BCS 11:16	11:16	11:16	11:16	CaPeak.c/s=46	Qual=5	FePeak=11:16			
FCS 11:53	11:54	12:03	12:03	CaPeak.c/s=46	Qual=5	Event # = 22858			
UVSP						FePeak=11:55			
Event # = 22859		DOY=156							
89/06/05,12:47	Start	Peak	End times	CaPeak.c/s=143	Qual=02	FePeak=12:47			
GOES 12:21	12:47	12:49	12:49	Wave length=2788A		Exp #=89958			
BCS 12:41									
FCS									
UVSP 12:41									
Event # = 22860		DOY=156							
89/06/05,13:30	Start	Peak	End times	CaPeak.c/s=41	Qual=05	FePeak=13:30			
GOES 13:26	13:30	13:37	13:37	Wave length=2788A	Qual=4	Exp #=89959			
BCS 13:16									
FCS									
UVSP									

Event # = 22861		DOY=156			
89/06/05, 14:17	Start	End times			
GOES	14:05	14:21	Qual=02	FePeak=14:17	FePeak.c/s=9
BCS	14:17		Qual=3	Exp #=89960	Rast=240"x240"
FCS					Rast=180"x1"
UVSP	14:15				Wave length=2788A
Event # = 22862		DOY=156			
89/06/05, 15:19	Start	End times			
GOES	15:11	15:32	Qual=00	FePeak=15:21	FePeak.c/s=11
BCS	15:19		Qual=1	Exp #=89962	Rast=0"x0"
FCS					Rast=180"x1"
UVSP	15:47				Wave length=2788A
Event # = 11388		DOY=156			
89/06/05, 16:03	Start	End times			
Optical			SMM Pointing:	S18E51	Pitch=+33", Yaw=+759", Roll=-20deg
GOES	15:42	16:18	Ha...Class=SF	AR5521	Mac.=DKI
HXRBS	15:44:40	15:45:18	Importance=C5		
BCS	15:37	15:47	Peak...c/s=48	Tot Cts=405	MaxkeV=102
FCS			CaPeak.c/s=264	FePeak=15:46	FePeak.c/s=42
UVSP	15:47		Wave length=2788A	Exp #=89962	Rast=180"x1"
Event # = 22863		DOY=156			
89/06/05, 17:01	Start	End times			
Optical			Ha...Class=SF	AR5521	Mac.=DKI
Optical			Ha...Class=SF	AR5524	Carr. Lon.=154deg
GOES	16:31	17:27	Qual=00	FePeak=16:59	H. Ang=62deg
BCS	16:31		Qual=1	Exp #=89964	H. Ang=74deg
FCS					
UVSP	17:19				
Event # = 22864		DOY=156			
89/06/05, 18:05	Start	End times			
GOES	18:05	18:10	Qual=00	FePeak=18:05	FePeak.c/s=6
BCS	18:05		Qual=5	Exp #=89965	Rast=0"x0"
FCS					Rast=180"x1"
UVSP	17:56				Wave length=2788A
Radio			Frequency (MHz)/Flux (sfu):	410/140	
Event # = 11387		DOY=156			
89/06/05, 18:21	Start	End times			
Optical			SMM Pointing:	S18E50	Pitch=+36", Yaw=+749", Roll=-20deg
GOES	18:18:48	18:21:32	Ha...Class=IN	AR5517	Mac.=EAI
HXRBS	17:56	18:22:42	Peak...c/s=54		Carr. Lon.=195deg
UVSP	17:56		Wave length=2788A	Tot Cts=4563	H. Ang=27deg
Radio			Type/Intensity:	Flags=DG, ND	
			Frequency (MHz)/Flux (sfu):	245/62 410/56 606/110	Step=0" Pitch=-83", Yaw=+674"

Event # = 22865		DOY=156									
89/06/05	18:44	Peak									
GOES			Qual=00								
BCS	18:41	18:44	18:52	18:42	18:42	18:42	18:42	18:42	18:42	18:42	18:42
FCS	18:53	18:42	18:52	18:42	18:42	18:42	18:42	18:42	18:42	18:42	18:42
UVSP	18:53	18:42	18:52	18:42	18:42	18:42	18:42	18:42	18:42	18:42	18:42
Event # = 22866		DOY=156									
89/06/05	18:57	Peak									
GOES			Qual=00								
BCS	18:54	18:57	19:00	18:56	18:56	18:56	18:56	18:56	18:56	18:56	18:56
FCS	18:53	18:57	19:00	18:56	18:56	18:56	18:56	18:56	18:56	18:56	18:56
UVSP	18:53	18:57	19:00	18:56	18:56	18:56	18:56	18:56	18:56	18:56	18:56
Event # = 11389		DOY=156									
89/06/05	20:13	Peak									
GOES			SMM Pointing:	S18E49							
HXRBS	20:07:35	20:13	Importance=MI	Qual=03							
BCS	20:09:04	20:11:54	Peak...c/s=91	Qual=01	Tot Cts=5416						
FCS	20:11	20:11	CaPeak.c/s=823	Qual=1	FePeak=20.10						
UVSP	20:01	20:11	Wavelength=1375A	Code=00	Exp #=89971						
Event # = 11391		DOY=156									
89/06/05	21:38	Peak									
Optical			SMM Pointing:	S18E48							
GOES	21:33	21:38	Ha...Class=28	S21E52	AR5521						
HXRBS	21:32:56	21:35:36	Importance=X1	Qual=03							
GRS	21:35:00	21:35:00	Peak...c/s=6637	Qual=01	Tot Cts=6.22E+5						
BCS	21:10	21:37	CaPeak.c/s=6734	Qual=1	FePeak=21:37						
FCS	21:34	21:37	Wavelength=1375A	Code=00	Exp #=89978						
UVSP	21:34	21:37	2695/190 4995/540 8800/410 15400/840	Code=00	Tot Cts=275						
Radio			Associated Event # = 11390	Qual=01	Exp #=89976						
HXRBS	21:27:44	21:27:52	Peak...c/s=48	Qual=01	Tot Cts=275						
UVSP	21:17	21:28:28	Wavelength=1375A	Code=00	Exp #=89976						
Event # = 22867		DOY=157									
89/06/06	00:47	Peak									
GOES			Qual=00								
BCS	00:47	00:47	00:51	00:47	00:47	00:47	00:47	00:47	00:47	00:47	00:47
FCS	01:03	00:47	00:51	00:47	00:47	00:47	00:47	00:47	00:47	00:47	00:47
UVSP	01:03	00:47	00:51	00:47	00:47	00:47	00:47	00:47	00:47	00:47	00:47

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 # = 11394										
89/06/06, 14:47	Start	DOY=157	Peak	SMM Pointing:	S18E39			Pitch=+78", Yaw=+632", Roll=-20deg	H. Ang=42deg	
GOES 14:45:04		14:45:20	14:46:18	End times	Qual=01					
HXRBS 14:46		14:47	14:51		Qual=01			MaxkeV=102		
BCS 14:44					Qual=1			FePeak.c/s=12	dt= 3.8s	XEN=915709
FCS 14:44					Wavelength=1375A			Rast=240"x240"	Step=15"	Cad= 262s
UVSP 14:44								Rast=10"x10"	Step=0"	Pitch=+76", Yaw=+683"
Event # = 11395										
89/06/06, 16:36	Start	DOY=157	Peak	SMM Pointing:	S18E37			Pitch=+88", Yaw=+612", Roll=-20deg	H. Ang=41deg	
Optical 16:31		16:36	16:47	End times	S19E41			Mac.=EKI		
GOES 16:32:06		16:32:36	16:36:46		Ha...Class=SN	AR5521		Carr. Lon.=160deg	H. Ang=44deg	
HXRBS 16:32		16:35	16:39		Importance=M1			MaxkeV=187	Flags=M5	
BCS 16:32					Peak...c/s=1039			FePeak.c/s=192	#Peaks=1	dt= 3.8s
FCS 16:32					CaPeak.c/s=686			Rast=240"x240"	Step=15"	Cad= 262s
UVSP 16:32					Wavelength=1375A	Code=00		Rast=10"x10"	Step=0"	Pitch=+112", Yaw=+578"
Event # = 11403										
89/06/06, 17:25	Start	DOY=157	Peak	SMM Pointing:	S18E37			Pitch=+88", Yaw=+612", Roll=-20deg	H. Ang=41deg	
Optical 17:15		17:16:04	17:16:31	End times	S17E02			Mac.=EAI		
GOES 17:15		17:25	18:10		S19E41	AR5517		Carr. Lon.=198deg	H. Ang=17deg	
HXRBS 17:15:27		17:16:04	17:16:31		Qual=00	AR5521		MaxkeV=102		
BCS 17:15					Ha...Class=SF			FePeak.c/s=22	#Peaks=1	dt= 7.7s
FCS 17:24					Ha...Class=SN			Rast=240"x240"	Step=15"	Cad= 262s
UVSP 17:24					Peak...c/s=39			Rast=10"x10"	Step=0"	Pitch=+114", Yaw=+568"
Event # = 11396										
89/06/06, 19:26	Start	DOY=157	Peak	SMM Pointing:	S18E36			Pitch=+92", Yaw=+601", Roll=-20deg	H. Ang=40deg	
GOES 19:26:07		19:26:57	19:27:05	End times	Qual=00			MaxkeV=144		
HXRBS 19:24					Qual=01			Rast=10"x10"	Step=0"	Pitch=+64", Yaw=+675"
UVSP 19:24					Wavelength=1375A					
Event # = 22877										
89/06/06, 20:27	Start	DOY=157	Peak	SMM Pointing:	S18E38			Mac.=EKI		
Optical 20:21		20:27	20:36	End times	Qual=05			Carr. Lon.=161deg	H. Ang=41deg	
GOES 20:21					Ha...Class=SF	AR5521		FePeak.c/s=6	#Peaks=1	dt= 7.7s
BCS 20:21					CaPeak.c/s=31			Rast=0"x0"	Step=0"	Cad=1.02s
FCS 20:25					Wavelength=1375A			Rast=265"x265"	Step=5"	Pitch=+105", Yaw=+600"
UVSP 20:25										
Event # = 22878										
89/06/06, 20:56	Start	DOY=157	Peak	SMM Pointing:	S18E38			FePeak.c/s=17	#Peaks=2	dt= 3.8s
GOES 20:55		20:56	21:07	End times	Qual=1			Rast=240"x240"	Step=15"	Cad= 262s
BCS 20:55					Qual=1	FePeak=20:56		Rast=30"x30"	Step=5"	Pitch=+95", Yaw=+664"
FCS 20:45					Wavelength=1375A					
UVSP 20:45										

Event # = 22879	DOY=157	Peak	End times	Qual=00	FePeak=22:39	#Peaks=3	dt= 7.7s	XEN=915714	
89/06/06, 22:40	22:40	22:44	22:44	Qual= 1	Exp #=90069	Step=15"	Cad= 262s	1.024s/pixel	
GOES						Step=5"	Pitch=+97"	Yaw=+639"	
BCS									
UVSP									
Event # = 22880	DOY=157	Peak	End times	S18E36	AR5521	Mac. =EKI	Carr. Lon.=161deg	H. Ang=40deg	
89/06/06, 23:56	23:56	00:00	00:00	Qual=00	FePeak=23:56	FePeak.c/s=8	dt= 7.7s	XEN=915715	
Optical						Rast=0"x0"	Cad=1.02s	1.024s/pixel	
GOES						Rast=180"x1"	Pitch=-14"	Yaw=+491"	
BCS									
FCS									
UVSP									
Event # = 11397	DOY=158	Peak	End times	S18E34			Pitch=+103"	Yaw=+571"	Roll=-20deg
89/06/07, 00:02	00:02	00:02	00:02	Qual=00	Tot Cts=390	MaxkeV=102			H. Ang=38deg
GOES					FePeak=00:02	FePeak.c/s=9	dt= 7.7s	XEN=915800	
HXRBS						Rast=0"x0"	Cad=1.02s	1.024s/pixel	
BCS						Rast=180"x1"	Pitch=-14"	Yaw=+491"	
FCS									
UVSP									
Event # = 11398	DOY=158	Peak	End times	S18E34			Pitch=+103"	Yaw=+571"	Roll=-20deg
89/06/07, 00:09	00:09	00:09	00:09	Qual=00	Tot Cts=584	MaxkeV=144			H. Ang=38deg
GOES					Exp #=90071	Rast=180"x1"	Step=0"	Pitch=-14"	Yaw=+491"
HXRBS									
BCS									
UVSP									
Event # = 22881	DOY=158	Peak	End times	S20E37	AR5521	Mac. =EKC	Carr. Lon.=159deg	H. Ang=41deg	
89/06/07, 01:00	01:00	01:16	01:16	Qual=04	FePeak=01:00	FePeak.c/s=10	dt= 3.8s	XEN=915801	
Optical					Exp #=90072	Rast=240"x240"	Cad= 262s	1.024s/pixel	
GOES						Rast=180"x1"	Pitch=0"	Yaw=+487"	
BCS									
FCS									
UVSP									
Event # = 11399	DOY=158	Peak	End times	S18E33			Pitch=+107"	Yaw=+561"	Roll=-20deg
89/06/07, 01:55	01:55	03:25	03:25	S21E36	AR5521	Mac. =EKC	Carr. Lon.=160deg	H. Ang=41deg	
Optical									
GOES									
HXRBS									
BCS									
FCS									
UVSP									
Radio									

8800/220 15400/160
Frequency(MHz)/Flux(sfu)

Event # = 22882		DOY=158		End times			
89/06/07 03:15	Start	Peak					
GOES	02:32	03:15	03:27	CaPeak.c/s=173	Qual=01	FePeak=03:15	FePeak.c/s=17
BCS				Wavelength=2788A	Qual=1	Exp #=90075	Rast=180"x180"
FCS							dt= 7.7s XEN=915803
UVSP	03:21						Step=10" Cad= 332s
							Rast=180"x1" Pitch=-6" ,Yaw=+470"
Event # = 11400		DOY=158		End times			
89/06/07 03:26	Start	Peak					
Optical				SMM Pointing:	S18E31		Pitch=+114" ,Yaw=+540" ,Roll=-20deg
GOES				Ha...Class=SN	S18E32	AR5521	Mac.=EKC Carr. Lon.=163deg
HXRBS	03:26:37	03:26:46	03:27:03	Peak...c/s=40	Qual=01	Tot Cts=117	MaxkeV=102
UVSP	03:21			Wavelength=2788A		Exp #=90075	Rast=180"x1" Step=0" Pitch=-6" ,Yaw=+470"
Event # = 11401		DOY=158		End times			
89/06/07 04:55	Start	Peak					
Optical				SMM Pointing:	S18E31		Pitch=+118" ,Yaw=+530" ,Roll=-20deg
GOES				Ha...Class=SF	S18E34	AR5521	Mac.=EKC Carr. Lon.=160deg
HXRBS	04:46:01	04:46:55	04:47:07	Peak...c/s=58	Qual=03	Tot Cts=580	MaxkeV=102
BCS	04:06	04:55	05:01	CaPeak.c/s=318	Qual=1	FePeak=04:54	FePeak.c/s=36
FCS		04:45			Qual=3		Rast=240"x240"
UVSP	04:52			Wavelength=2788A		Exp #=90077	Rast=180"x1" dt= 7.7s XEN=915804
							Step=15" Cad= 262s
							Step=0" Pitch=-2" ,Yaw=+459"
Event # = 11402		DOY=158		End times			
89/06/07 05:56	Start	Peak					
Optical				SMM Pointing:	S18E31		Pitch=+118" ,Yaw=+530" ,Roll=-20deg
GOES				Peak...c/s=53	Qual=00	Tot Cts=262	MaxkeV=102
HXRBS	05:50:22	05:50:43	05:51:04	CaPeak.c/s=60	Qual=1	FePeak=05:59	FePeak.c/s=8
BCS	05:44	05:56	06:10				Rast=240"x240"
FCS							Rast=70"x70" Step=5" Pitch=+110" ,Yaw=+589"
UVSP	05:44			Wavelength=1375A		Exp #=90079	
Event # = 11405		DOY=158		End times			
89/06/07 07:32	Start	Peak					
Optical				SMM Pointing:	S18E30		Pitch=+122" ,Yaw=+520" ,Roll=-20deg
GOES				Ha...Class=SF	S18E33	AR5521	Mac.=EKC Carr. Lon.=159deg
HXRBS	07:32:26	07:32:46	07:33:08	Peak...c/s=49	Qual=01	Tot Cts=214	MaxkeV=102
UVSP	07:18			Wavelength=1375A		Exp #=90082	Rast=30"x30" Step=5" Pitch=+134" ,Yaw=+558"
Event # = 11404		DOY=158		End times			
89/06/07 07:34	Start	Peak					
Optical				SMM Pointing:	S18E30		Pitch=+122" ,Yaw=+520" ,Roll=-20deg
GOES				Ha...Class=SF	S18E33	AR5521	Mac.=EKC Carr. Lon.=159deg
HXRBS	07:30:49	07:31:07	07:31:31	Peak...c/s=50	Qual=01	Tot Cts=210	MaxkeV=102
BCS	07:31	07:34	07:54	CaPeak.c/s=133	Qual=1	FePeak=07:34	FePeak.c/s=26
FCS							Rast=240"x240"
UVSP	07:18			Wavelength=1375A		Exp #=90082	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			Qual=00		
HXRBS	08:02:15	Peak...c/s=45	Qual=01	MaxkeV=102	
UVSP	07:52	Wavelength=1375A		Rast=30" x30"	Pitch=+121", Yaw=+582"
			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	#Peaks=1	
GOES				Step=5"	Cad=1083s
BCS	09:30	CaPeak.c/s=22		Step=3"	Pitch=+136", Yaw=+515"
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			Qual= 5		
GOES	10:08	Ha...Class=M		dt= 3.8s	XEN=915808
HXRBS	10:12	Importance=M2		Step=15"	Cad= 262s
BCS	10:16	CaPeak.c/s=48		Step=0"	Pitch=+11", Yaw=+422"
FCS	10:16	Wavelength=2788A			
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	MaxkeV=144	
FCS	10:52	CaPeak.c/s=592	Qual= 1	dt= 7.7s	XEN=915809
UVSP	11:04	Wavelength=2788A		Step=15"	Cad= 262s
Radio		Frequency(MHz)/Flux(sfu):		Step=0"	Pitch=+14", Yaw=+415"
			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	MaxkeV=102	
UVSP	13:13	Wavelength=2788A	Code=01	Rast=180"x1"	Pitch=-121", Yaw=-70"
			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	MaxkeV=102	
HXRBS	14:56:37	Wavelength=2788A	Qual=01	Rast=180"x1"	Pitch=-579", Yaw=+74"
UVSP	14:45				
			Tot Cts=323		
			Exp #=90094		

Event # = 11411	SMM Pointing: S18E28		Pitch=-495", Yaw=+133", Roll=-110deg		H. Ang=33deg	
89/06/07, 17:11	DOY=158	Peak				
Goes	17:11:30	17:11:53	17:12:06	Tot Cts=237		MaxkeV=102
HXRBS	17:15			Exp #=90097		Rast=180"x1"
UVSP				Step=0"		Pitch=-610", Yaw=+65"
Event # = 22885						
89/06/07, 18:11	DOY=158	Peak				
Goes	18:00	18:11	18:33	FePeak=18:10		dt= 3.8s XEN=915810
BCS		18:29		Exp #=90098		Rast=240"x240"
FCS				Qual=00		Cad= 262s 1.024s/pixel
UVSP	17:50			Qual=1		Pitch=0" Yaw=+67"
Event # = 11412						
89/06/07, 19:18	DOY=158	Peak				
Optical				S18E26		Pitch=-472", Yaw=+141", Roll=-110deg
Optical				S20E29		Mac.=EKC
Goes	19:04	19:18	20:06	AR5521		Carr. Lon.=157deg
HXRBS	19:44:34	19:45:14	19:45:21	AR5529		Carr. Lon.=248deg
BCS	19:32	19:32	20:07	Tot Cts=223		
FCS				FePeak=19:32		
UVSP	19:37			Exp #=90100		
Event # = 11413						
89/06/07, 20:11	DOY=158	Peak				
Optical				S18E26		Pitch=-472", Yaw=+141", Roll=-110deg
Optical				S10E86		H. Ang=31deg
Goes	20:08	20:11	20:15	AR5530		
HXRBS	20:08:00	20:08:24	20:09:48	Tot Cts=3698		Carr. Lon.=100deg
UVSP	20:06			Exp #=90106		H. Ang=86deg
Event # = 22887						
89/06/07, 20:54	DOY=158	Peak				
Optical				S19E27		Mac.=EKC
Goes	20:37	20:54	21:27	AR5521		Carr. Lon.=158deg
BCS	21:05	21:06	21:41	FePeak=21:06		H. Ang=33deg
FCS		21:41		Exp #=90109		
UVSP	21:09			Qual=05		
Event # = 11414						
89/06/07, 22:50	DOY=158	Peak				
Optical				S18E24		Pitch=-443", Yaw=-173", Roll=-150deg
Optical				S18E26		H. Ang=30deg
Goes	22:48:51	22:49:20	22:49:41	AR5521		Carr. Lon.=158deg
HXRBS	22:50	22:50	22:54	AR5428		Carr. Lon.=106deg
BCS				Tot Cts=475		
FCS				FePeak=22:50		
UVSP	22:46			Exp #=90120		

Event # = 22888				DOY=159											
89/06/08	00:24	Peak													
Optical	Start	End times	Ha...Class=SF	S17E25	AR5521		Mac.=EKC	Carr. Lon.=158deg	H. Ang=30deg						
GOES	00:21	00:27	CaPeak.c/s=22	Qual=00	FePeak=00:21		FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=915900					
BCS	00:21		WaveLength=1375A	Qual= 4			Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel					
FCS	00:18				Exp #=90129		Rast=10"x10"	Step=0"	Pitch=525"	Yaw=-167"					
UVSP	00:18														
Event # = 11415				DOY=159											
89/06/08	00:33	Peak													
Optical	Start	End times	SMM Pointing:	S18E23			Pitch=-434"	Yaw=-162"	Roll=-150deg	H. Ang=29deg					
GOES	00:32:48	00:34:05	Ha...Class=SF	N20E84	AR5528		Mac.=HRX	Carr. Lon.=99deg	H. Ang=84deg						
HXRBS	00:32:48	00:33:02	Peak...c/s=85	Qual=01	Tot Cts=1820		MaxkeV=102	Step=0"	Pitch=-454"	Yaw=-146"					
UVSP	00:31		WaveLength=1375A	Qual=01	Exp #=90131		Rast=10"x10"	Step=0"							
Event # = 11418				DOY=159											
89/06/08	07:03	Peak													
Optical	Start	End times	SMM Pointing:	S18E20			Pitch=-409"	Yaw=-119"	Roll=-150deg	H. Ang=27deg					
GOES	06:55	07:08	Ha...Class=SN	S20E25	AR5521		Mac.=EKC	Carr. Lon.=155deg	H. Ang=32deg						
HXRBS	06:58:55	07:00:40	Importance=M1	Qual=01	Tot Cts=2374		MaxkeV=102	#Peaks=1	dt= 3.8s	XEN=915901					
BCS	06:53	07:15	Peak...c/s=66	Qual=01	FePeak=07:01		FePeak.c/s=124	Step=10"	Cad= 332s	1.024s/pixel					
FCS	06:26		CaPeak.c/s=463	Qual= 1			Rast=180"x180"	Step=3"	Pitch=-403"	Yaw=-107"					
UVSP	06:26		WaveLength=2788A	Code=00	Exp #=90142		Rast=243"x243"	Step=3"							
Radio Sweeps			III/1												
HXRBS	06:55:40	06:57:48	Peak...c/s=66	Qual=01	Event # = 11417		MaxkeV=102								
Event # = 11419				DOY=159											
89/06/08	07:11	Peak													
Optical	Start	End times	SMM Pointing:	S18E20			Pitch=-409"	Yaw=-119"	Roll=-150deg	H. Ang=27deg					
GOES	07:11:08	07:11:26	Peak...c/s=47	Qual=05	Tot Cts=124		MaxkeV=102	Step=3"	Pitch=-403"	Yaw=-107"					
HXRBS	07:11:08	07:11:17	WaveLength=2788A	Qual=01	Exp #=90142		Rast=243"x243"	Step=3"							
UVSP	06:26														
Event # = 22889				DOY=159											
89/06/08	07:15	Peak													
Optical	Start	End times	SMM Pointing:	S18E19			Pitch=-403"	Yaw=-109"	Roll=-150deg	H. Ang=26deg					
GOES	07:15	07:16	Peak...c/s=23	Qual= 5	FePeak=07:15		FePeak.c/s=5	#Peaks=1	dt= 7.7s	XEN=915902					
BCS	07:15		CaPeak.c/s=23	Qual= 5			Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel					
FCS	06:26		WaveLength=2788A		Exp #=90142		Rast=243"x243"	Step=3"	Pitch=-403"	Yaw=-107"					
UVSP	06:26														
Event # = 11421				DOY=159											
89/06/08	08:17	Peak													
Optical	Start	End times	SMM Pointing:	S18E19			Pitch=-403"	Yaw=-109"	Roll=-150deg	H. Ang=26deg					
GOES	08:05	08:22	Importance=C6	Qual=01	Tot Cts=6434		MaxkeV=275	Step=5"	Pitch=-474"	Yaw=-148"					
HXRBS	08:14:07	08:15:42	Peak...c/s=331	Qual=01	Exp #=90144		Rast=70"x70"	Step=5"							
GRS	08:14:00	08:15:00	WaveLength=1375A	Code=00											
UVSP	08:01		410/85 606/68		Event # = 11420		MaxkeV=102								
Radio Frequency(MHz)/Flux(sfu)					Tot Cts=2955										
HXRBS	08:07:05	08:11:07	Peak...c/s=109	Qual=01											

Event # = 22890	DOY=159	Peak	End times						
89/06/08, 09:22	09:22	09:29	09:33						
Optical	Ha...Class=IN	S20E24							
Optical	Ha...Class=SF	N09W71							
GOES	Importance=M1	Qual=05							
BCS	CaPeak.c/s=74	Qual= 5							
FCS	Wavelength=1375A	Code=02							
UVSP									
Mac.=EKC									
Carr. Lon.=154deg									
H. Ang=31deg									
#Peaks=2	dt= 3.8s								
Step=15"	Cad= 262s								
Step=5"	Pitch=-390"								
XEN=915903									
1.024s/pixel									
Event # = 22891	DOY=159	Peak	End times						
89/06/08, 12:57	12:57	13:06	13:06						
Optical	Ha...Class=SF	S19E16							
GOES		Qual=00							
BCS	CaPeak.c/s=31	Qual= 1							
FCS	Wavelength=1375A								
UVSP									
Mac.=EKC									
Carr. Lon.=160deg									
H. Ang=25deg									
#Peaks=2	dt= 7.7s								
Step=0"	Cad=1.02s								
Step=5"	Pitch=-399"								
XEN=915904									
1.024s/pixel									
Event # = 11422	DOY=159	Peak	End times						
89/06/08, 13:06	13:06:53	13:07:43							
Optical	SMM Pointing:	S18E16							
GOES		Qual=00							
HXRBS	Peak...c/s=284	Qual=01							
UVSP	Wavelength=1375A								
Pitch=-385"	Yaw=-72"	Roll=-150deg							
H. Ang=24deg									
MaxkeV=187									
Rast=30"x30"									
Tot Cts=3675									
Exp #=90163									
Event # = 11423	DOY=159	Peak	End times						
89/06/08, 13:25	13:25:41	13:25:58							
Optical	SMM Pointing:	S18E16							
GOES		S07E79							
HXRBS	Ha...Class=SF	Qual=00							
UVSP	Peak...c/s=62	Qual=01							
Wavelength=1375A									
Pitch=-385"	Yaw=-72"	Roll=-150deg							
H. Ang=24deg									
Carr. Lon.=97deg									
H. Ang=79deg									
MaxkeV=144									
Rast=30"x30"									
Tot Cts=386									
Exp #=90165									
Event # = 11429	DOY=159	Peak	End times						
89/06/08, 14:05	14:05	14:37	14:37						
Optical	SMM Pointing:	S18E16							
GOES		Qual=05							
HXRBS	Importance=M2	Qual=01							
UVSP	Peak...c/s=44	Code=02							
Wavelength=1375A									
Pitch=-385"	Yaw=-72"	Roll=-150deg							
H. Ang=24deg									
Event # = 11430	DOY=159	Peak	End times						
89/06/08, 17:53	17:53	18:50	18:50						
Optical	SMM Pointing:	S18E14							
GOES		N20E77							
HXRBS	Ha...Class=SF	Qual=03							
UVSP	Importance=M2	Qual=01							
Radio	Peak...c/s=101	Code=00							
Frequency(MHz)/Flux(sfu):	606/70								
Pitch=-370"	Yaw=-40"	Roll=-150deg							
H. Ang=23deg									
Mac.=HRX									
Carr. Lon.=97deg									
H. Ang=78deg									
MaxkeV=102									
Rast=30"x30"									
Tot Cts=33853									
Exp #=90186									
Event # = 11431	DOY=159	Peak	End times						
89/06/08, 19:02	19:02:21	19:02:37							
Optical	SMM Pointing:	S18E13							
GOES		Qual=00							
HXRBS	Peak...c/s=52	Qual=01							
UVSP	Wavelength=1375A								
Pitch=-360"	Yaw=-30"	Roll=-150deg							
H. Ang=22deg									
MaxkeV=102									
Rast=30"x30"									
Tot Cts=136									
Exp #=90189									

Event # = 11432					S18E12					Pitch=-349", Yaw=-9", Roll=-150deg	H. Ang=22deg
89/06/08, 22:28	DOY=159	SMM Pointing:									
Start	Peak	Importance=C7	Qual=03								
22:25	22:28	Peak...c/s=47	Qual=01								
HXRBS 22:31:57	22:32:24	Wave length=1375A	Code=00	Tot Cts=442						Pitch=-283", Yaw=+52"	
UVSP 21:56				Exp #=90202							
89/06/09 DOY=160											
Event # = 11434					S18E10					Pitch=-297", Yaw=-158", Roll=180deg	H. Ang=21deg
89/06/09, 00:30	DOY=160	SMM Pointing:									
Start	Peak	Ha...Class=SF	S22E09	AR5521						Mac.=EKI	
Optical 23:57	00:30	Importance=M2	Qual=05								
GOES 00:55:55	00:56:29	Peak...c/s=512	Qual=01	Tot Cts=5442						MaxKey=102	
HXRBS 00:54:54	00:59:01	CaPeak.c/s=820	Qual= 4	FePeak=00:59						dt= 3.8s	XEN=916000
BGS										Rast=240"x240"	1.024s/pixel
FCS										Step=15"	
UVSP 00:49		Wave length=2788A		Exp #=90204						Pitch=-163", Yaw=-227"	
			Associated	Event # = 11433							
HXRBS 00:06:45	00:07:09	Peak...c/s=57	Qual=01	Tot Cts=473						Step=3"	Pitch=-334", Yaw=+15"
UVSP 23:26		Wave length=2788A		Exp #=90203							
			Associated	Event # = 22556							
BGS 23:58	00:12	CaPeak.c/s=199	Qual= 2	FePeak=00:12						dt= 7.7s	XEN=915905
FCS										Step=15"	
UVSP 23:26		Wave length=2788A		Exp #=90203						Pitch=-334", Yaw=+15"	
89/06/09 DOY=160											
Event # = 22892					S18E07					Pitch=-297", Yaw=-117", Roll=180deg	H. Ang=20deg
89/06/09, 02:27	DOY=160	SMM Pointing:									
Start	Peak	Ha...Class=SF	N23E72	AR5528						Mac.=EKI	
Optical 02:27	02:42	Importance=C8	Qual=01								
GOES 02:27	02:42	Peak...c/s=45	Qual=05	FePeak=02:28							
BGS		CaPeak.c/s=45	Qual= 5							dt= 7.7s	XEN=916001
FCS										Step=0"	Cad=1.02s
UVSP 02:18		Wave length=2788A		Exp #=90206						Step=0"	Pitch=-163", Yaw=-215"
89/06/09 DOY=160											
Event # = 12546					S18E07					Pitch=-297", Yaw=-117", Roll=180deg	H. Ang=20deg
89/06/09, 05:49	DOY=160	SMM Pointing:									
Start	Peak	Ha...Class=SF	N23E72	AR5528						Mac.=EKI	
Optical 05:45	05:49	Importance=C8	Qual=01								
GOES 05:45:57	05:46:33	Peak...c/s=57	Qual=01	Tot Cts=994						MaxKey=102	
HXRBS 05:24	05:47:53	Wave length=2788A		Exp #=90210						Rast=180"x1"	
UVSP										Step=0"	Pitch=-163", Yaw=-188"
89/06/09 DOY=160											
Event # = 12547					S18E07					Pitch=-297", Yaw=-104", Roll=180deg	H. Ang=19deg
89/06/09, 08:16	DOY=160	SMM Pointing:									
Start	Peak	Ha...Class=SF	S20E10	AR5521						Mac.=EKI	
Optical 07:48	08:16	Importance=M2	Qual=02								
GOES 07:49:22	07:50:34	Peak...c/s=69	Qual=03	Tot Cts=6600						Carr. Lon.=156deg	H. Ang=23deg
HXRBS 07:53	07:55	Wave length=2788A	Code=00	Exp #=90213						Carr. Lon.=76deg	H. Ang=90deg
UVSP										Flags=I, EN	
										Step=0"	Pitch=-163", Yaw=-167"

Event # = 22893									
89/06/09,09:28	DOY=160	Start	Peak	End times					
GOES	09:26	09:28	09:33	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 H.024s/pixel
FCS								Rast=180"x1"	Pitch=-163" ,Yaw=-153"
UVSP	09:27								
Event # = 22894									
89/06/09,10:21	DOY=160	Start	Peak	End times					
Optical									
GOES	10:13	10:21	10:26	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						Qual=1	Exp #=90218	Rast=240"x240"	Step=15" Cad= 262s 1.024s/pixel
UVSP	10:19				Wave length=1375A			Rast=10"x10"	Step=0" Pitch=-333" ,Yaw=-160"
Event # = 11436									
89/06/09,10:26	DOY=160	Start	Peak	End times					
Optical									
GOES	10:26:19	10:26:44	10:26:57	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	
					Wave length=1375A	Qual=01	Exp #=90218	Rast=10"x10"	Step=0" Pitch=-333" ,Yaw=-160"
Event # = 11437									
89/06/09,15:28	DOY=160	Start	Peak	End times					
GOES	15:27:49	15:28:13	15:29:05	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	
UVSP					Wave length=2788A	Qual=01	Exp #=90242	Rast=180"x1"	Step=0" Pitch=-164" ,Yaw=-101"
Event # = 11438									
89/06/09,16:35	DOY=160	Start	Peak	End times					
Optical									
GOES	16:29	16:35	17:10	17:10	SMM Pointing:	S18E02		Pitch=-299" ,Yaw=-25" ,Roll=180deg	H. Ang=18deg
HXRBS	16:29:51	16:30:26	16:36:55	16:36:55	Ha...Class=SF	S20E90	AR5533	Mac.=HSX	Carr. Lon.=71deg H. Ang=90deg
UVSP	16:13				Importance=M2	Qual=01	Tot Cts=10564	MaxkeV=231	
					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	DOY=160	Start	Peak	End times					
Optical									
GOES	21:37	21:41	21:47	21:47	SMM Pointing:	S18W01		Pitch=-180" ,Yaw=+239" ,Roll=-130deg	H. Ang=18deg
HXRBS	21:38:29	21:39:11	21:40:12	21:40:12	Importance=M1	Qual=03	Tot Cts=1476	MaxkeV=102	
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	DOY=160	Start	Peak	End times					
Optical									
GOES	22:42	22:54	00:07	00:07	SMM Pointing:	S18W02		Pitch=-171" ,Yaw=+250" ,Roll=-130deg	H. Ang=19deg
HXRBS	22:42:18	22:52:07	23:08:07	23:08:07	Ha...Class=SF	S20E02	AR5521	Mac.=EKI	Carr. Lon.=156deg H. Ang=21deg
UVSP	22:40				Importance=M6	Qual=03	Tot Cts=67090	MaxkeV=275	
Radio					Peak...c/s=455	Code=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 DOY=161
89/06/10,00:06 Peak
Start End times
GOES 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 Step=0" Cad=1.02s 1.024s/pixel
FCS 00:09 00:09 00:06 00:06 00:06 00:06 Step=5" Pitch=-152" ,Yaw=+269"
UVSP 00:09 00:09 00:06 00:06 00:06 00:06 Step=5" Carr. Lon.=165deg H. Ang=17deg

Event # = 22896 DOY=161
89/06/10,05:32 Peak
Start End times
Optical S12W11
GOES 05:29 05:32 05:39 Ha...Class=IF Qual=01 FePeak.c/s=11 dt= 3.8s XEN=916101
BCS 05:29 05:32 05:39 CaPeak.c/s=66 Qual=1 FePeak=05:32 Step=15" Cad= 262s 1.024s/pixel
FCS 05:29 05:32 05:39 Wavelength=1375A Exp #=90283 Step=5" Pitch=-141" ,Yaw=+270"
UVSP 05:24 05:24 05:24 05:24 05:24 05:24 Step=5" Carr. Lon.=165deg H. Ang=17deg

Event # = 11444 DOY=161
89/06/10,06:25 Peak
Start End times
SMM Pointing: S18W06 H. Ang=19deg
Optical S18E90
GOES 06:12 06:25 07:23 Ha...Class=2N Qual=01 Mac.=HSX Carr. Lon.=63deg H. Ang=90deg
HXRBS 06:19:14 06:21:29 06:30:21 Importance=M5 Qual=02 Tot Cts=47016 Flags=SA
BCS 06:26 06:27 06:31 CaPeak.c/s=35 Qual=1 FePeak=06:27 Tot Cts=47016 #Peaks=1 dt= 7.7s XEN=916102
FCS 06:24 06:24 06:24 06:24 06:24 06:24 Wavelength=1375A Code=00 Exp #=90286 Step=0" Cad=1.02s 1.024s/pixel
UVSP 06:24 06:24 06:24 06:24 06:24 06:24 Type/Intensity: III/3 Pitch=-119" ,Yaw=+289" ,Roll=-130deg H. Ang=19deg
Radio Frequency(MHz)/Flux(sfu): 245/180 WaveLength=1375A Code=00 Exp #=90286 Step=0" Carr. Lon.=63deg H. Ang=90deg

Event # = 11441 DOY=161
89/06/10,08:34 Peak
Start End times
SMM Pointing: S18W07 H. Ang=20deg
Optical N27E63
GOES 08:25 08:34 08:53 Ha...Class=SF Qual=03 Mac.=FKI Carr. Lon.=89deg H. Ang=66deg
HXRBS 08:24:25 08:24:45 08:27:05 Importance=C6 Qual=01 MaxkeV=231 Step=0" Pitch=+31" ,Yaw=+233"
UVSP 08:39 08:39 08:39 Wavelength=2788A Code=02 Tot Cts=9292 MaxkeV=231 Rast=180"x1" Step=0" Carr. Lon.=89deg H. Ang=66deg
Radio Frequency(MHz)/Flux(sfu): 245/180 410/61 606/64 Exp #=90294 Step=0" Pitch=+31" ,Yaw=+233" Carr. Lon.=89deg H. Ang=66deg

Event # = 11442 DOY=161
89/06/10,09:42 Peak
Start End times
SMM Pointing: S18W08 H. Ang=20deg
Optical S17E90
GOES 09:38 09:42 09:59 Ha...Class=IN Qual=01 Mac.=HSX 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 09:14 09:14 Wavelength=2788A Associated Event # = 11443 MaxkeV=102
HXRBS 09:43:08 09:43:12 09:43:17 Peak...c/s=78 Qual=01 Tot Cts=114 MaxkeV=102 Step=0" Carr. Lon.=62deg H. Ang=90deg

Event # = 11445 DOY=161
89/06/10,12:06 Peak
Start End times
SMM Pointing: S18W09 H. Ang=21deg
Optical N16E45
GOES 11:56 12:06 12:47 Ha...Class=SN Qual=05 Mac.=FKI Carr. Lon.=105deg H. Ang=47deg
HXRBS 12:42:04 12:42:09 12:42:20 Importance=M1 Qual=01 MaxkeV=102 Step=0" Pitch=+55" ,Yaw=+253"
UVSP 12:18 12:18 12:18 Wavelength=2788A Exp #=90299 Step=0" Carr. Lon.=105deg H. Ang=47deg

Event # = 11448
 89/06/10,12:35 DOY=161 SMM Pointing: S18W09 Pitch=-79",Yaw=+323",Roll=-130deg H.Ang=21deg
 Start Peak End times
 GOES 12:34:46 12:35:02 12:35:10 Peak...c/s=54 Qual=00
 HXRBS 12:18 Wavelength=2788A Tot Cts=228
 UVSP 12:18 Exp #=90299 Rast=180"x1" Step=0" Pitch=+55",Yaw=+253"

Event # = 11447
 89/06/10,12:56 DOY=161 SMM Pointing: S18W09 Pitch=-79",Yaw=+323",Roll=-130deg H.Ang=21deg
 Start Peak End times
 Optical Ha...Class=SN N25E61 Mac.=FKI
 GOES 12:49 12:56 13:16 Importance=M2 AR5528 Carr.Lon.=89deg H.Ang=64deg
 HXRBS 12:52:57 12:53:37 12:54:46 Peak...c/s=144 Qual=01 MaxkeV=144
 UVSP 13:18 Wavelength=2788A Tot Cts=3221 Rast=180"x1" Step=0" Pitch=+61",Yaw=+258"
 HXRBS 12:47:38 12:48:50 12:50:14 Peak...c/s=68 Associated Event # = 11446 MaxkeV=102
 Qual=01 Tot Cts=1908

Event # = 11450
 89/06/10,14:16 DOY=161 SMM Pointing: S18W10 Pitch=-71",Yaw=+335",Roll=-130deg H.Ang=21deg
 Start Peak End times
 Optical Ha...Class=SB S20E85 Mac.=EKO
 GOES 14:05 14:16 14:19 Importance=C7 AR5533 Carr.Lon.=64deg H.Ang=85deg
 HXRBS 14:11:39 14:11:42 14:11:57 Peak...c/s=129 Qual=01 Tot Cts=384
 UVSP 13:52 Wavelength=2788A Code=01 Exp #=90301 Rast=180"x1" Step=0" Pitch=+63",Yaw=+262"
 HXRBS 14:07:01 14:07:30 14:08:13 Peak...c/s=67 Associated Event # = 11449 MaxkeV=102
 Qual=01 Tot Cts=826

Event # = 22897
 89/06/10,16:24 DOY=161 SMM Pointing: S25W23 H.Ang=34deg
 Start Peak End times
 Optical Ha...Class=SF S25W23 AR5520 Carr.Lon.=171deg
 GOES 16:10 16:24 16:28 CaPeak.c/s=167 Qual=00 FePeak.c/s=21 dt= 7.7s XEN=916103
 BCS 16:10 Wavelength=2788A FePeak=16:20 Step=15" Cad= 262s XEN=916103
 FCS UVSP 16:24 Exp #=90304 Rast=180"x1" Step=0" Pitch=+79",Yaw=+275"

Event # = 22898
 89/06/10,17:02 DOY=161 SMM Pointing: S20E81 H.Ang=82deg
 Start Peak End times
 Optical Ha...Class=IN S20E81 Mac.=HSX Carr.Lon.=67deg
 GOES 16:49 17:02 17:33 Importance=M2 AR5533 #Peaks=1 dt= 3.8s XEN=916104
 BCS 17:06 17:07 17:47 CaPeak.c/s=341 Qual=05 Step=5" Cad=25.6s XEN=916104
 FCS UVSP 16:57 Wavelength=2788A Code=00 FePeak=17:06 Step=0" Pitch=-713",Yaw=-396"

Event # = 11453
 89/06/10,19:07 DOY=161 SMM Pointing: S18E73 H.Ang=74deg
 Start Peak End times
 Optical Ha...Class=SB S20E80 H.Ang=81deg
 GOES 19:02 19:07 19:44 Importance=SF AR5533 Carr.Lon.=66deg H.Ang=53deg
 HXRBS 19:06:37 19:07:17 19:08:44 Peak...c/s=169 Qual=03 MaxkeV=144 #Peaks=5
 BCS 18:40 19:06 19:20 CaPeak.c/s=572 Qual=01 Tot Cts=3658 Rast=240"x240" #Peaks=2 dt= 7.7s XEN=916105
 FCS UVSP 18:42 Wavelength=2788A Code=00 FePeak=19:06 Step=10" Cad= 590s XEN=916105
 Qual=1 Exp #=90306 Rast=243"x243" Step=3" Pitch=-836",Yaw=-310"

Event #	Start	End times	Peak	Associated Event #	Qual	CaPeak.c/s	Wavelength	FePeak	Exp	Mac	dt	dt=	XEN
HRBS	19:03:36	19:04:08	19:04:43	11451	01	256	1375A	20:11	90307	HSX	3.8s	3.8s	916106
				3372	01	90		5			262s	262s	1.024s/pixel
				11452	01	50					374"	374"	Yaw=+833"
HRBS	19:04:58	19:05:23	19:06:18	2380	01	90							
				11454	01	50							
HRBS	19:12:28	19:12:41	19:12:49	97	01	50							
Event # = 22899													
89/06/10,20:11	20:11	20:11	20:11	11451	00	59	1375A	20:11	90307				
GOES	20:11	20:34	20:34	2380	00	59							
BCS				2380	01	59							
UVSP	20:16			97	00	59							
Event # = 22900													
89/06/10,22:22	22:22	22:22	22:22	11451	00	42	1375A	22:21	90317				
Optical	22:18	22:26	22:26	2380	01	42							
Optical	22:21	22:26	22:26	2380	01	42							
GOES	22:18	22:22	22:22	2380	01	42							
BCS	22:21	22:22	22:22	2380	01	42							
FCS				2380	01	42							
UVSP	21:52			97	00	42							
Event # = 11456													
89/06/10,23:39	23:39	23:39	23:39	11451	00	47	1375A	23:34	90320				
Optical	23:37	23:43	23:43	2380	01	47							
GOES	23:34	23:34	23:34	2380	01	47							
HRBS	23:34	23:34	23:34	2380	01	47							
UVSP	23:24			97	00	47							
Event # = 11457													
89/06/10,23:51	23:51	23:51	23:51	11451	00	56	1375A	23:51	90322				
Optical	23:51	23:51	23:51	2380	01	56							
Optical	23:51	23:51	23:51	2380	01	56							
GOES	23:51	23:51	23:51	2380	01	56							
HRBS	23:51	23:51	23:51	2380	01	56							
UVSP	23:41			97	00	56							
Event # = 11458													
89/06/11,01:39	01:39	01:39	01:39	11451	00	39	1375A	01:37	90331				
GOES	01:36	01:37	01:37	2380	01	39							
HRBS	01:36	01:37	01:37	2380	01	39							
BCS	01:37	01:39	01:39	2380	01	39							
FCS				2380	01	39							
UVSP	01:31			97	00	39							

Event # = 22901	DOY=162	Start	End times	Qual=00	CaPeak.c/s=38	Wavelength=1375A	FePeak=02:22	Exp #=90332	FePeak.c/s=9	Rast=0"x0"	Rast=265"x265"	#Peaks=1	dt= 7.7s	XEN=916204		
89/06/11,02:23	Peak	02:23	02:36	Qual= 4								Step=0"	Cad=1.02s	1.024s/pixel		
GOES												Step=5"	Pitch=+373"	Yaw=+814"		
BGS																
FCS																
UVSP																
Event # = 22902	DOY=162	Start	End times	Ha...Class=SF	Importance=C3	CaPeak.c/s=58	Wave length=1375A	Code=00	Exp #=90336	Mac.=EKO	Carr. Lon.=68deg	H. Ang=75deg				
89/06/11,02:50	Peak	02:50	02:53	S21E74	Qual=01											
Optical																
GOES																
BGS																
FCS																
UVSP																
Event # = 22903	DOY=162	Start	End times	Qual=00	CaPeak.c/s=19	Wave length=1375A	FePeak=06:20	Exp #=90352	FePeak.c/s=6	Rast=0"x0"	Rast=30"x30"	#Peaks=1	dt= 7.7s	XEN=916203		
89/06/11,06:20	Peak	06:20	06:21	Qual= 4								Step=0"	Cad=1.02s	1.024s/pixel		
GOES												Step=5"	Pitch=+399"	Yaw=+820"		
BGS																
FCS																
UVSP																
Event # = 22904	DOY=162	Start	End times	Qual=04	Importance=C4	CaPeak.c/s=60	Wave length=1375A	Code=02	Exp #=90353	FePeak.c/s=8	Rast=240"x240"	Rast=265"x265"	#Peaks=1	dt= 3.8s	XEN=916206	
89/06/11,07:01	Peak	07:01	07:06	Qual= 5									Step=15"	Cad= 262s	1.024s/pixel	
GOES													Step=5"	Pitch=+372"	Yaw=+798"	
BGS																
FCS																
UVSP																
Event # = 11459	DOY=162	Start	End times	SMM Pointing:	S18E65	Qual=00	Peak...c/s=49	Wave length=1375A	Tot Cts=208	MaxkeV=144	Rast=30"x30"	Step=5"	Pitch=+365"	Yaw=+790"	Roll=5deg	H. Ang=67deg
89/06/11,07:16	Peak	07:16	07:16:26													
GOES																
HXRBS																
UVSP																
Event # = 22905	DOY=162	Start	End times	Qual=03	Importance=C4	CaPeak.c/s=153	Wave length=1375A	Code=00	Exp #=90359	FePeak.c/s=22	Rast=240"x240"	Rast=30"x30"	#Peaks=1	dt= 7.7s	XEN=916207	
89/06/11,07:42	Peak	07:42	07:50	Qual= 1									Step=15"	Cad= 262s	1.024s/pixel	
GOES													Step=5"	Pitch=+389"	Yaw=+814"	
BGS																
FCS																
UVSP																
Event # = 11460	DOY=162	Start	End times	SMM Pointing:	M01W00	Qual=00	Peak...c/s=186	Wave length=2788A	Tot Cts=9971	MaxkeV=102	Rast=180"x1"	Step=0"	Pitch=-4"	Yaw=+0"		
89/06/11,09:15	Peak	09:15	09:15:03													
Optical																
GOES																
HXRBS																
UVSP																

Event # = 11461	DOY=162	Pointing:	N01W00	Pitch=+0" , Yaw=+0" , Roll=-20deg	H. Ang=0deg
89/06/11, 10:21	Peak				
GOES	Start	End times	Qual=01		
HXRBS	10:20:22	10:21:05	Qual=01	MaxkeV=102	
UVSP	09:56			Rast=180"x1" Step=0" Pitch=-4" , Yaw=+0"	
			Tot Cts=431		
			Exp #=90362		
Event # = 11462	DOY=162	Pointing:	N01W00	Pitch=+0" , Yaw=+0" , Roll=-20deg	H. Ang=0deg
89/06/11, 10:24	Peak				
GOES	Start	End times	Qual=01		
HXRBS	10:24:29	10:24:31	Qual=01	MaxkeV=102	
UVSP	09:56			Rast=180"x1" Step=0" Pitch=-4" , Yaw=+0"	
			Tot Cts=42		
			Exp #=90362		
Event # = 11463	DOY=162	Pointing:	N01W00	Pitch=+0" , Yaw=+0" , Roll=-20deg	H. Ang=0deg
89/06/11, 10:38	Peak				
GOES	Start	End times	Qual=01		
HXRBS	10:38:16	10:38:20	Qual=01	MaxkeV=102	
UVSP	10:56			Rast=180"x1" Step=0" Pitch=-4" , Yaw=+0"	
			Tot Cts=116		
			Exp #=90363		
Event # = 11464	DOY=162	Pointing:	N01W00	Pitch=+0" , Yaw=+0" , Roll=-20deg	H. Ang=0deg
89/06/11, 10:39	Peak				
GOES	Start	End times	Qual=01		
HXRBS	10:39:25	10:39:27	Qual=01	MaxkeV=102	
UVSP	10:56			Rast=180"x1" Step=0" Pitch=-4" , Yaw=+0"	
			Tot Cts=49		
			Exp #=90363		
Event # = 11465	DOY=162	Pointing:	S18E62	Pitch=+5" , Yaw=+850" , Roll=-20deg	H. Ang=64deg
89/06/11, 12:08	Peak				
Optical	Start	End times	S16E64	Mac. = EKO Carr. Lon. = 73deg	H. Ang=65deg
GOES	12:05	12:10	Qual=01		
HXRBS	12:05:49	12:06:45	Qual=01	MaxkeV=144 #Peaks=2 dt= 7.7s XEN=916208	
BGS	11:38	12:07	Qual= 1	FePeak .c/s=18 Step=15" Cad= 262s 1.024s/pixel	
FCS				Rast=240"x240" Step=0" Pitch=+140" , Yaw=+777"	
UVSP	12:28			Rast=180"x1" Step=0" Pitch=+140" , Yaw=+777"	
			Exp #=90365		
Event # = 22906	DOY=162	Pointing:	S18E62	Pitch=+5" , Yaw=+850" , Roll=-20deg	H. Ang=64deg
89/06/11, 12:26	Peak				
GOES	Start	End times	Qual=00		
BGS	12:25	12:32	Qual= 4	FePeak .c/s=7 #Peaks=1 dt= 7.7s XEN=916209	
FCS				Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel	
UVSP	12:28			Rast=180"x1" Step=0" Pitch=+140" , Yaw=+777"	
			Exp #=90365		
Event # = 11466	DOY=162	Pointing:	S18E62	Pitch=+5" , Yaw=+850" , Roll=-20deg	H. Ang=64deg
89/06/11, 13:53	Peak				
Optical	Start	End times	S19E68	Mac. = EKO Carr. Lon. = 68deg	H. Ang=69deg
GOES	13:40	14:05	Qual=03		
HXRBS	13:40:53	13:42:36	Qual=01	MaxkeV=187 #Peaks=1 dt= 7.7s XEN=916210	
BGS	13:40	14:06	Qual= 1	FePeak .c/s=57 Step=5" Cad=25.6s 1.024s/pixel	
FCS				Rast=25"x25" Step=0" Pitch=-112" , Yaw=+771"	
UVSP	14:01			Rast=180"x1" Step=0" Pitch=-112" , Yaw=+771"	
			Exp #=90367		

89/06/12 DOY=163

Event # = 11473
89/06/12, 00:19 DOY=163 Peak
Optical SMM Pointing: N20E36 H. Ang=40deg
Ha...Class=SF N21E44 Carr. Lon.=86deg
Qual=00 AR5528
GOES 00:18:24 00:18:57 00:19:06 Peak...c/s=49 Tot Cts=182 #Peaks=1 dt= 7.7s XEN=916300
HXRRS 00:17 00:19 00:33 CaPeak.c/s=37 FePeak=00:18 Step=0" Cad=3840s 3840s/pixel
BCS 00:17 00:19 00:33 Wavelength=1375A Exp #=90393 Step=5" Pitch=-425", Yaw=+386"
FCS
UVSP 00:08

Event # = 12548
89/06/12, 02:19 DOY=163 Peak
Optical SMM Pointing: N20E35 H. Ang=39deg
Ha...Class=SF N19E37 Carr. Lon.=92deg
Qual=01 AR5528
GOES 01:50 02:19 02:30 Importance=M1 Qual=01 #Peaks=1 dt= 3.8s XEN=916301
HXRRS 02:15:53 02:17:45 02:19:22 CaPeak.c/s=303 Qual=01 Step=15" Cad= 262s 1.024s/pixel
BCS 01:49 01:55 02:27 Wavelength=1375A Code=00 Exp #=90404 Pitch=-425", Yaw=+373"
FCS Associated Event # = 11474
UVSP 02:13 Peak...c/s=69 Qual=01 MaxkeyV=102 Step=5" Step=5" Pitch=-422", Yaw=+377"
HXRRS 01:50:03 01:51:29 01:52:43 Wavelength=1375A Tot Cts=1620
UVSP 01:39 Exp #=90400

Event # = 22907
89/06/12, 03:10 DOY=163 Peak
GOES 03:05 03:10 04:00 CaPeak.c/s=70 Qual=00 #Peaks=1 dt= 3.8s XEN=916302
BCS 03:05 03:10 04:00 Wavelength=1375A Qual=4 FePeak=03:06 Step=15" Cad= 262s 1.024s/pixel
FCS Exp #=90405 Step=5" Pitch=-460", Yaw=+374"
UVSP 03:09

Event # = 12549
89/06/12, 03:20 DOY=163 Peak
GOES 03:20:40 03:20:52 03:21:06 SMM Pointing: N20E35 H. Ang=39deg
HXRRS 03:20:40 03:20:52 03:21:06 Peak...c/s=55 Qual=00 #Peaks=1 dt= 3.8s XEN=916302
UVSP 03:13 Wavelength=1375A Qual=01 Step=15" Cad= 262s 1.024s/pixel
Step=5" Pitch=-563", Yaw=+391"

Event # = 12550
89/06/12, 03:40 DOY=163 Peak
GOES 03:40:32 03:40:55 03:41:13 SMM Pointing: N20E34 H. Ang=38deg
HXRRS 03:40:32 03:40:55 03:41:13 Peak...c/s=49 Qual=00 #Peaks=1 dt= 7.7s XEN=916303
UVSP 03:29 Wavelength=1375A Qual=01 Step=5" Pitch=-562", Yaw=+389"

Event # = 22908
89/06/12, 05:30 DOY=163 Peak
GOES 05:29 05:30 05:33 CaPeak.c/s=42 Qual=00 #Peaks=1 dt= 7.7s XEN=916303
BCS 05:29 05:30 05:33 Wavelength=1375A Qual=3 Step=0" Cad=1.02s 1.024s/pixel
FCS 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	End times								
HXRBS	06:19:02	06:19:18	06:20:03	Peak...c/s=373	Qual=01	MaxkeV=187		#Peaks=1 dt= 3.8s XEN=916304	
BCS	06:20	06:21	06:26	CaPeak.c/s=73	Qual=01	Rast=240"x240"		Cad= 262s 1.024s/pixel	
FCS	06:18		Exp #=90421						
UVSP	Frequency(MHz)/Flux(sfu):		8800/70 15400/180						
Radio									
Event # = 11478									
89/06/12, 06:35	DOY=163	Peak	SMM Pointing:		N20E32	Pitch=-459", Yaw=+339", Roll=-20deg		H. Ang=37deg	
GOES	End times								
HXRBS	06:35:44	06:35:49	06:36:09	Peak...c/s=59	Qual=00	MaxkeV=102		#Peaks=1 dt= 3.8s XEN=916305	
BCS	06:35	06:35		Wavelength=1375A	Qual=01	Rast=30"x30"		Cad= 262s 1.024s/pixel	
UVSP	06:35		Exp #=90423						
Radio									
Event # = 11476									
89/06/12, 08:26	DOY=163	Peak	SMM Pointing:		N20E32	Pitch=-456", Yaw=+329", Roll=-20deg		H. Ang=36deg	
GOES	End times								
HXRBS	08:22:23	08:22:50	08:22:56	Peak...c/s=47	Qual=01	MaxkeV=102		#Peaks=1 dt= 3.8s XEN=916305	
BCS	08:23	08:26	08:33	CaPeak.c/s=54	Qual=01	Rast=240"x240"		Cad= 262s 1.024s/pixel	
FCS	08:33		Exp #=90427						
UVSP	08:33		Wavelength=2788A						
Radio									
Event # = 22909									
89/06/12, 09:59	DOY=163	Peak	SMM Pointing:		N20E30	Pitch=-448", Yaw=+308", Roll=-20deg		H. Ang=35deg	
GOES	End times								
HXRBS	09:59	09:59	10:01	CaPeak.c/s=26	Qual=01	MaxkeV=102		#Peaks=1 dt= 7.7s XEN=916306	
BCS	09:59	09:59	10:01	Wavelength=2788A	Qual=4	Rast=0"x0"		Cad=1.02s 1.024s/pixel	
FCS	10:07		Exp #=90429						
UVSP	10:07		Wavelength=2788A						
Radio									
Event # = 11479									
89/06/12, 10:58	DOY=163	Peak	SMM Pointing:		N20E30	Pitch=-448", Yaw=+308", Roll=-20deg		H. Ang=35deg	
Optical	End times								
GOES	10:44	10:58	11:15	Ha...Class=SF	S18E59	Mac.=FK0		Carr. Lon.=65deg	
HXRBS	11:05:29	11:05:34	11:05:44	Importance=C6	Qual=04	MaxkeV=102		#Peaks=1 dt= 3.8s XEN=916307	
BCS	10:49	10:51	10:57	Peak...c/s=51	Qual=01	Rast=240"x240"		Cad= 262s 1.024s/pixel	
FCS	10:39		Exp #=90430						
UVSP	10:39		Wavelength=2788A						
Radio	Frequency(MHz)/Flux(sfu):		245/320 606/170						
Event # = 11484									
89/06/12, 11:42	DOY=163	Peak	SMM Pointing:		N20E30	Pitch=-448", Yaw=+308", Roll=-20deg		H. Ang=35deg	
GOES	End times								
HXRBS	11:37:15	11:37:46	11:38:08	Peak...c/s=44	Qual=00	MaxkeV=102		#Peaks=1 dt= 7.7s XEN=916308	
BCS	11:37	11:42	11:44	CaPeak.c/s=74	Qual=01	Rast=240"x240"		Cad= 262s 1.024s/pixel	
FCS	11:38		Exp #=90431						
UVSP	11:38		Wavelength=2788A						
Radio									

Event # = 11480	DOY=163	SMM Pointing:	N20E29	Pitch=-444",Yaw=+298",Roll=-20deg	H.Ang=34deg
89/06/12,12:26	Peak	Importance=C3	Qual=01		
Start	12:26	Peak...c/s=87	Qual=01		
GOES	12:23	WaveLength=2788A	Code=00		
HXRBS	12:24:49			Step=0"	Pitch=-310",Yaw=+230"
UVSP	12:13				
		Tot Cts=1390			
		Exp #=90432			
MaxkeV=102					
Rast=180"x1"					

Event # = 11481	DOY=163	SMM Pointing:	N20E29	Pitch=-444",Yaw=+298",Roll=-20deg	H.Ang=34deg
89/06/12,12:46	Peak	Importance=C5	Qual=01		
Start	12:46	Peak...c/s=151	Qual=01		
GOES	12:28	CaPeak.c/s=114	Qual=1		
HXRBS	12:27:22	WaveLength=2788A			
BCS	12:25				
FCS	13:12				
UVSP	13:12				
Radio	Frequency (MHz)/Flux(sfu):	4995/59			
HXRBS	12:43:18	Peak...c/s=72	Qual=01		
		Event # = 11482			
		Tot Cts=1000			
MaxkeV=102					

Event # = 11483	DOY=163	SMM Pointing:	N20E29	Pitch=-444",Yaw=+298",Roll=-20deg	H.Ang=34deg
89/06/12,13:03	Peak	Ha...Class=SN	S16E51		
Start	13:03	Importance=C8	Qual=03		
Optical	12:58	Peak...c/s=54	Qual=01		
GOES	12:58:49	WaveLength=2788A	Code=02		
HXRBS	12:58:49				
UVSP	13:12				
		Tot Cts=751			
		Exp #=90433			
Mac.=FKO					
Carr.Lon.=72deg					
MaxkeV=102					
Rast=180"x1"					
Step=0"					
Pitch=-307",Yaw=+223"					

Event # = 11485	DOY=163	SMM Pointing:	N20E27	Pitch=-436",Yaw=+277",Roll=-20deg	H.Ang=33deg
89/06/12,15:57	Peak	Ha...Class=SF	N24E33		
Start	15:57	Importance=C3	Qual=01		
Optical	15:53	Peak...c/s=94	Qual=1		
GOES	15:54:51	CaPeak.c/s=84			
HXRBS	15:54:51	WaveLength=2788A			
BCS	15:54				
FCS	15:55				
UVSP	16:16				
		Tot Cts=874			
		FePeak=15:55			
		Exp #=90437			
Mac.=FKC					
Carr.Lon.=89deg					
MaxkeV=102					
FePeak.c/s=20					
Rast=0"x0"					
Step=0"					
Pitch=-300",Yaw=+201"					

Event # = 11486	DOY=163	SMM Pointing:	N20E27	Pitch=-432",Yaw=+266",Roll=-20deg	H.Ang=32deg
89/06/12,17:03	Peak	Ha...Class=1N	S19E55		
Start	17:03	Importance=C7	Qual=04		
Optical	16:55	Peak...c/s=56	Qual=02		
GOES	16:58:21	WaveLength=2788A	Code=00		
HXRBS	16:58:21				
UVSP	16:51				
		Tot Cts=617			
		Exp #=90438			
Mac.=FKO					
Carr.Lon.=66deg					
MaxkeV=102					
Rast=180"x1"					
Step=0"					
Pitch=-298",Yaw=+197"					

Event # = 22910	DOY=163	SMM Pointing:	Qual=00		
89/06/12,18:35	Peak	CaPeak.c/s=21	Qual=4		
Start	18:35	WaveLength=2788A			
GOES	18:34				
BCS	18:34				
FCS	18:35				
UVSP	18:36				
		FePeak=18:34			
		Exp #=90439			
FePeak.c/s=8					
Rast=240"x240"					
Step=10"					
Pitch=-420",Yaw=+268"					
#Peaks=1					
dt= 7.7s					
XEN=916311					
Cad= 590s					
1.024s/pixel					

Event # = 22911									
89/06/12, 18:54	DOY=163	Peak							
Optical			End times						
GOES				N20E31	AR5528		Mac.=FKC	Carr. Lon.=89deg	H. Ang=36deg
BCS	18:53	18:54	18:59	Qual=00	FePeak=18:53		FePeak.c/s=9	#Peaks=1	dt= 7.7s
FCS				Qual= 4			Rast=115"x115"	Step=5"	XEN=916312
UVSP	18:36				Exp #=90439		Rast=243"x243"	Step=3"	Cad=1083s
									Pitch=-420", Yaw+=268"
Event # = 11487									
89/06/12, 19:14	DOY=163	Peak							
Optical			End times						
GOES				N20E26			Pitch=-428", Yaw+=255"	Roll=-20deg	H. Ang=32deg
HXRBS	19:03	19:14	19:24	S16E47	AR5533		Mac.=FKO	Carr. Lon.=73deg	H. Ang=49deg
FCS	19:03:48	19:04:19	19:04:26	Qual=03			MaxkeV=102		
UVSP	18:36			Qual=01	Tot Cts=244		Rast=243"x243"	Step=3"	Pitch=-420", Yaw+=268"
				Code=00	Exp #=90439				
Event # = 22912									
89/06/12, 21:38	DOY=163	Peak							
Optical			End times						
GOES				N21E28	AR5528		Mac.=FKC	Carr. Lon.=91deg	H. Ang=34deg
BCS	21:38	21:38	21:43	Qual=00	FePeak=21:38		FePeak.c/s=6	#Peaks=1	dt= 7.7s
FCS				Qual= 5			Rast=0"x0"	Step=0"	XEN=916313
UVSP	21:41				Exp #=90442		Rast=265"x265"	Step=5"	Cad=1.02s
									Pitch=-412", Yaw+=245"
Event # = 22913									
89/06/13, 00:55	DOY=164	Peak							
Optical			End times						
GOES				S19W25	AR5524		Mac.=DS0	Carr. Lon.=142deg	H. Ang=32deg
BCS	00:51	00:55	01:10	Qual=00	FePeak=00:53		FePeak.c/s=8	#Peaks=1	dt= 7.7s
FCS				Qual= 1			Rast=0"x0"	Step=0"	XEN=916400
UVSP	00:50				Exp #=90460		Rast=30"x30"	Step=5"	Cad=1.02s
									Pitch=-437", Yaw+=255"
Event # = 22914									
89/06/13, 02:11	DOY=164	Peak							
Optical			End times						
GOES				N20E22	AR5528		Mac.=FKC	Carr. Lon.=94deg	H. Ang=29deg
BCS	02:00	02:11	02:15	Qual=05	FePeak=02:17		FePeak.c/s=5	#Peaks=1	dt= 7.7s
FCS	02:16	02:16	02:19	Qual= 5			Rast=0"x0"	Step=0"	XEN=916401
UVSP	02:19				Exp #=90465		Rast=265"x265"	Step=5"	Cad=1.02s
									Pitch=-399", Yaw+=211"
Event # = 22915									
89/06/13, 02:22	DOY=164	Peak							
Optical			End times						
GOES				Qual=00			Mac.=FKC	Carr. Lon.=94deg	H. Ang=29deg
BCS	02:21	02:22	02:35	Qual= 1	FePeak=02:23		FePeak.c/s=12	#Peaks=1	dt= 7.7s
FCS							Rast=0"x0"	Step=0"	XEN=916402
UVSP	02:19				Exp #=90465		Rast=265"x265"	Step=5"	Cad=1.02s
									Pitch=-399", Yaw+=211"

Event # = 22916		DOY=164		End times					
89/06/13, 04:42	Start	Peak							
GOES	04:04	04:42	04:44	04:44	CaPeak.c/s=84	Qual=00	FePeak=04:42	FePeak.c/s=10	#Peaks=2
BCS						Qual= 2	Exp #=90478	Rast=240"x240"	Step=15"
FCS								Rast=30"x30"	Step=5"
UVSP	04:30				Wavelength=1375A				dt= 7.7s
									Cad= 262s
									Pitch=-387" , Yaw=+193"
Event # = 22917		DOY=164		End times					
89/06/13, 05:37	Start	Peak							
GOES	05:21	05:37	06:15	06:15	CaPeak.c/s=84	Qual=00	FePeak=05:37	FePeak.c/s=7	#Peaks=1
BCS						Qual= 4	Exp #=90481	Rast=240"x240"	Step=15"
FCS								Rast=30"x30"	Step=5"
UVSP	05:29				Wavelength=1375A				dt= 7.7s
									Cad= 262s
									Pitch=-424" , Yaw=+181"
Event # = 11488		DOY=164		End times					
89/06/13, 06:15	Start	Peak				N20E20	Pitch=-399" , Yaw=+176" , Roll=-20deg		H. Ang=27deg
GOES	06:15:21	06:15:27	06:15:42	06:15:42	Peak...c/s=44	Qual=00	Tot Cts=101	MaxkeV=102	
HXRBS	06:03				Wavelength=1375A	Qual=01	Exp #=90485	Rast=30"x30"	Step=5"
UVSP	06:15				Frequency(MHz)/Flux(sfu):				Pitch=-418" , Yaw=+172"
					245/51 410/170				
Event # = 22918		DOY=164		End times					
89/06/13, 07:21	Start	Peak							
GOES	06:54	07:21	07:48	07:48	CaPeak.c/s=42	Qual=00	FePeak=07:20	FePeak.c/s=9	#Peaks=2
BCS						Qual= 1	Exp #=90490	Rast=0"x0"	Step=0"
FCS								Rast=30"x30"	Step=5"
UVSP	07:18				Wavelength=1375A				dt= 7.7s
									Cad=1.02s
									Pitch=-379" , Yaw=+172"
Event # = 22919		DOY=164		End times					
89/06/13, 08:27	Start	Peak							
GOES	08:27	08:27	08:32	08:32	CaPeak.c/s=19	Qual=00	FePeak=08:27	FePeak.c/s=7	#Peaks=1
BCS						Qual= 5	Exp #=90493	Rast=0"x0"	Step=0"
FCS								Rast=180"x1"	Step=0"
UVSP	08:18				Wavelength=2788A				dt= 7.7s
									Cad=1.02s
									Pitch=-256" , Yaw=+83"
Event # = 11489		DOY=164		End times					
89/06/13, 08:46	Start	Peak				N20E18	Pitch=-390" , Yaw=+153" , Roll=-20deg		H. Ang=26deg
GOES	08:46:10	08:46:18	08:46:28	08:46:28	Peak...c/s=45	Qual=00	Tot Cts=98	MaxkeV=102	
HXRBS	08:18				Wavelength=2788A	Qual=01	Exp #=90493	Rast=180"x1"	Step=0"
UVSP	08:18								Pitch=-256" , Yaw=+83"
Event # = 22920		DOY=164		End times					
89/06/13, 09:20	Start	Peak							
GOES	09:15	09:20	09:21	09:21	CaPeak.c/s=39	Qual=00	FePeak=09:18	FePeak.c/s=12	#Peaks=1
BCS						Qual= 3	Exp #=90494	Rast=0"x0"	Step=0"
FCS								Rast=180"x1"	Step=0"
UVSP	09:16				Wavelength=2788A				dt= 7.7s
									Cad=1.02s
									Pitch=-254" , Yaw=+76"

Event # = 22926
 89/06/13, 17:43 Start DOY=164 Peak
 Optical
 GOES 17:43 17:51 Ha...Class=SF N16E26 AR5536 H. Ang=30deg
 BCS 17:43 17:51 CaPeak.c/s=23 Qual=5 FePeak=17:44 dt= 7.7s XEN=916413
 FCS 17:48 Wavelength=1375A Exp #=90504 Rast=265"x265" Pitch=-382", Yaw=+86" Cad=1.02s 1.024s/pixel
 UVSP Carr. Lon.=81deg H. Ang=30deg
 FePeak.c/s=6 #Peaks=1
 Rast=0"x0" Step=0
 Rast=265"x265" Step=5 Pitch=-382", Yaw=+86"

Event # = 22927
 89/06/13, 18:08 Start DOY=164 Peak
 Optical
 GOES 18:06 18:14 Ha...Class=SF S25W58 AR5520 H. Ang=62deg
 BCS 18:06 18:14 CaPeak.c/s=19 Qual=4 FePeak=18:06 dt= 7.7s XEN=916414
 FCS 17:50 Wavelength=1375A Exp #=90505 Rast=0"x0" Cad=1.02s 1.024s/pixel
 UVSP Carr. Lon.=165deg H. Ang=62deg
 FePeak.c/s=9 #Peaks=1
 Rast=70"x70" Step=0
 Rast=70"x70" Step=5 Pitch=-390", Yaw=+89"

Event # = 22928
 89/06/13, 18:18 Start DOY=164 Peak
 Optical
 GOES 18:18 18:21 Ha...Class=SF N16E26 AR5536 H. Ang=30deg
 BCS 18:18 18:21 CaPeak.c/s=24 Qual=4 FePeak=18:18 dt= 7.7s XEN=916415
 FCS 17:50 Wavelength=1375A Exp #=90505 Rast=0"x0" Cad=1.02s 1.024s/pixel
 UVSP Carr. Lon.=81deg H. Ang=30deg
 FePeak.c/s=7 #Peaks=1
 Rast=70"x70" Step=0
 Rast=70"x70" Step=5 Pitch=-390", Yaw=+89"

Event # = 11493
 89/06/13, 19:50 Start DOY=164 Peak
 Optical
 GOES 19:41 19:50 SMM Pointing: N22E12 H. Ang=24deg
 HXRBS 19:41:28 19:42:12 19:44:52 Ha...Class=SF N19E14 AR5528 H. Ang=23deg
 BCS 19:21 19:47 Peak...c/s=176 Qual=01 Tot Cts=7989 Mac.=FKC
 FCS 19:39 CaPeak.c/s=365 Qual=1 FePeak=19:45 MaxkeV=144
 UVSP 19:39 Wavelength=1375A Code=00 Exp #=90510 FePeak.c/s=89
 Radio Frequency(MHz)/Flux(sfu): 8800/120 Rast=240"x240" Step=15 XEN=916416
 Pitch=-385", Yaw=+59", Roll=-20deg Rast=30"x30" Step=5 Pitch=-275", Yaw=+35"

Event # = 11494
 89/06/13, 20:54 Start DOY=164 Peak
 Optical
 GOES 20:52:21 20:52:27 20:52:33 SMM Pointing: N22E12 H. Ang=24deg
 HXRBS 20:48 20:54 Peak...c/s=48 Qual=01 Tot Cts=89 Pitch=-385", Yaw=+59", Roll=-20deg
 BCS 20:48 20:54 CaPeak.c/s=30 Qual=4 FePeak=20:53 MaxkeV=102
 FCS 20:52 Wavelength=1375A Exp #=90513 FePeak.c/s=6
 UVSP Carr. Lon.=92deg H. Ang=23deg Rast=265"x265" Step=5 Pitch=-374", Yaw=+63"

Event # = 11495
 89/06/13, 21:10 Start DOY=164 Peak
 Optical
 GOES 21:10:26 21:10:41 21:10:54 SMM Pointing: N22E12 H. Ang=24deg
 HXRBS 20:56 21:10:26 21:10:41 21:10:54 Peak...c/s=63 Qual=01 Tot Cts=196 Pitch=-381", Yaw=+49", Roll=-20deg
 UVSP 20:56 Wavelength=1375A Exp #=90515 FePeak.c/s=6
 Rast=30"x30" Step=5 Pitch=-337", Yaw=+70"

Event # = 22929		DOY=164						
89/06/13, 22:58	Start	22:58	Peak					
GOES	End times							
BCS	22:57	23:04	CaPeak.c/s=24	Qual=00				
FCS					Qual=4			
UVSP	22:46		WaveLength=1375A					
						FePeak.c/s=8	#Peaks=1	
						Rast=0"x0"	Step=0"	
						Rast=30"x30"	Step=5"	
							dt= 7.7s XEN=916418	
							Cad=1.02s 1.024s/pixel	
							Pitch=+171", Yaw=+292"	
				89/06/14		DOY=165		
Event # = 22930		DOY=165						
89/06/14, 00:03	Start	00:03	Peak					
GOES	End times							
BCS	00:02	00:08	CaPeak.c/s=26	Qual=00				
FCS					Qual=4			
UVSP	00:02		WaveLength=1375A					
						FePeak.c/s=7	#Peaks=1	
						Rast=0"x0"	Step=0"	
						Rast=10"x10"	Step=0"	
							dt= 7.7s XEN=916500	
							Cad=1.02s 1.024s/pixel	
							Pitch=-318", Yaw=+32"	
Event # = 22931		DOY=165						
89/06/14, 00:39	Start	00:39	Peak					
GOES	End times							
BCS	00:39	00:42	CaPeak.c/s=24	Qual=01				
FCS					Qual=4			
UVSP	00:28		WaveLength=1375A					
						FePeak.c/s=10	#Peaks=1	
						Rast=0"x0"	Step=0"	
						Rast=10"x10"	Step=0"	
							dt= 3.8s XEN=916501	
							Cad=1.02s 1.024s/pixel	
							Pitch=-287", Yaw=+8"	
Event # = 22932		DOY=165						
89/06/14, 01:57	Start	01:57	Peak					
Optical	End times							
GOES			Ha...Class=SF	N15E23				
BCS	01:46	02:06	CaPeak.c/s=50	Qual=00				
FCS					Qual=1			
UVSP	01:47		WaveLength=1375A					
						FePeak.c/s=8	#Peaks=1	
						Rast=0"x0"	Step=0"	
						Rast=10"x10"	Step=0"	
							dt= 3.8s XEN=916502	
							Cad=1.02s 1.024s/pixel	
							Pitch=-283", Yaw=-2"	
Event # = 11497		DOY=165						
89/06/14, 03:17	Start	03:17	Peak					
Optical	End times							
GOES			SMM Pointing:	N22E08				
HXRBS	03:15:45	03:17:12	03:19:41	N17E06				
UVSP	02:50		Peak...c/s=238	Qual=00				
Radio	Frequency (MHz)/Flux(sfu):	245/100	410/240	8800/80	15400/77			
						Pitch=-364", Yaw=+3", Roll=-20deg	H. Ang=23deg	
						Mac.=FKC	Carr. Lon.=96deg	
						MaxkeV=144		
						Rast=180"x1"	Step=0"	
							Pitch=-230", Yaw=-66"	
Event # = 11496		DOY=165						
89/06/14, 03:18	Start	03:18	Peak					
Optical	End times							
GOES			SMM Pointing:	N22E08				
HXRBS	03:00:51	03:05:39	03:09:37	N14W04				
BCS	02:59	03:18	03:51	Qual=04				
FCS					Qual=01			
UVSP	02:50		WaveLength=2788A	Qual=1				
Radio	Frequency (MHz)/Flux(sfu):	410/130	606/26	15400/54				
						Pitch=-364", Yaw=+3", Roll=-20deg	H. Ang=23deg	
						Mac.=DSO	Carr. Lon.=106deg	
						MaxkeV=144		
						FePeak.c/s=27	#Peaks=2	
						Rast=240"x240"	Step=15"	
						Rast=180"x1"	Step=0"	
							dt= 7.7s XEN=916503	
							Cad= 262s 1.024s/pixel	
							Pitch=-230", Yaw=-66"	

Event # = 11498										
89/06/14, 03:35	DOY=165		SMM Pointing:	N22E08				Pitch=-364", Yaw=+3", Roll=-20deg	H. Ang=23deg	
Start	Peak	End times								
GOES	03:35:36	03:35:48	Peak...c/s=57	Qual=00	Tot Cts=223	MaxkeV=102	dt= 7.7s	XEN=916504		
HXRBS	03:35:48	03:36:09	Wavelength=2788A	Qual=01	Exp #=90546	Rast=180"x1"	Cad=1.02s	1.024s/pixel		
UVSP	03:48						Pitch=-228"			Yaw=-73"
Event # = 22933										
89/06/14, 04:55	DOY=165		SMM Pointing:	N22E08						
Start	Peak	End times								
GOES	04:53	04:59	CaPeak.c/s=29	Qual=00	FePeak=04:54	Rast=180"x1"	#Peaks=1			
BCS	04:53	04:59	Wavelength=2788A	Qual=1	Exp #=90548		Step=0"			
FCS	05:19						Step=0"			
UVSP	05:19									
Event # = 11503										
89/06/14, 05:01	DOY=165		SMM Pointing:	N22E08				Pitch=-360", Yaw=-9", Roll=-20deg	H. Ang=22deg	
Start	Peak	End times								
GOES	05:01:15	05:01:35	Peak...c/s=44	Qual=00	Tot Cts=105	MaxkeV=102	Step=0"			
HXRBS	05:01:15	05:01:45	Wavelength=2788A	Qual=01	Exp #=90548	Rast=180"x1"	Pitch=-223"			Yaw=-85"
UVSP	05:19									
Event # = 11499										
89/06/14, 06:18	DOY=165		SMM Pointing:	N22E07				Pitch=-355", Yaw=-21", Roll=-20deg	H. Ang=22deg	
Start	Peak	End times								
GOES	06:06	06:29	Importance=M1	Qual=01	Tot Cts=27850	MaxkeV=321	Flags=M5			
HXRBS	06:06:41	06:09:41	Peak...c/s=1059	Qual=01	Exp #=90549	Rast=180"x1"	Step=0"			Dur=60sec
GRS	06:07:00	06:08:00	Wavelength=2788A	Code=01	Exp #=90549	Rast=180"x1"	Pitch=-222"			
UVSP	05:56		1415/130 2695/200 4995/140 8800/150 15400/89		Event # = 11500					
Radio			Associated		Tot Cts=1022	MaxkeV=102				
HXRBS	06:15:13	06:15:55	Peak...c/s=65	Qual=01						
Event # = 22934										
89/06/14, 07:34	DOY=165		SMM Pointing:	N22E06				Pitch=-351", Yaw=-33", Roll=-20deg	H. Ang=22deg	
Start	Peak	End times								
Optical			Ha...Class=SF	N15E01	AR5528	Mac. =FKC	Carr. Lon.=99deg			H. Ang=14deg
GOES	07:27	07:34	Importance=C8	Qual=05	FePeak=07:37	FePeak.c/s=21	#Peaks=1	dt= 3.8s	XEN=916505	
BCS	07:37	07:54	CaPeak.c/s=143	Qual= 5	Exp #=90551	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
FCS	07:37	07:54	Wavelength=2788A	Code=00		Rast=180"x1"	Step=0"	Pitch=-217"		Yaw=-102"
UVSP	07:28									
Event # = 11501										
89/06/14, 08:26	DOY=165		SMM Pointing:	N22E06				Pitch=-351", Yaw=-33", Roll=-20deg	H. Ang=22deg	
Start	Peak	End times								
GOES	08:19:26	08:19:28	Peak...c/s=49	Qual=00	Tot Cts=387	MaxkeV=102	#Peaks=1	dt= 7.7s	XEN=916506	
HXRBS	08:19:26	08:20:34	CaPeak.c/s=111	Qual=01	FePeak=08:26	FePeak.c/s=25	Step=15"	Cad= 262s	1.024s/pixel	
BCS	08:19	08:32	Wavelength=2788A	Qual= 1	Exp #=90552	Rast=180"x1"	Step=0"	Pitch=-214"		Yaw=-109"
FCS	08:25									
UVSP	08:25									

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		
GOES				Peak...c/s=45	Qual=01		
HXRBS				WaveLength=2788A		Tot Cts=128	MaxkeV=102
UVSP						Exp #=90554	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		
GOES				Peak...c/s=105	Qual=01		
HXRBS				CaPeak.c/s=29	Qual=4	Tot Cts=1585	MaxkeV=102
BCS						FePeak=10:46	FePeak.c/s=10
FCS							Rast=0"x0"
UVSP							Rast=180"x1" Step=0" Pitch=-208", Yaw=-126"
Radio Sweeps							
Radio							
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	Qual=00	AR5528	
Optical				Peak...c/s=171	Qual=01		
GOES				CaPeak.c/s=112	Qual=4	Tot Cts=3462	MaxkeV=144
HXRBS						FePeak=12:20	FePeak.c/s=22
BCS							Rast=240"x240"
FCS							Rast=243"x243"
UVSP							Step=3" Pitch=-330", Yaw=-57"
Radio Sweeps							
Radio							
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	Qual=01	AR5528	
Optical				Peak...c/s=54	Qual=01		
GOES				WaveLength=2788A		Tot Cts=417	MaxkeV=102
HXRBS						Exp #=90557	Rast=243"x243"
UVSP							Step=3" Pitch=-330", Yaw=-57"
Radio Sweeps							
Radio							

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	Tot Cts=985	Rast=265"x265"	Pitch=-324", Yaw=-68"
Radio	Sweeps	Type/Intensity:	Code=00	Step=5"	
Radio	Frequency(MHz)/Flux(sfu):	245/1800	Associated	4995/610	8800/320
HXRBS	13:46:10	13:46:33	Qual=01	MaxkeV=144	15400/230
Radio	Frequency(MHz)/Flux(sfu):	2695/56	Tot Cts=985	MaxkeV=144	
HXRBS	13:49:23	13:49:27	Associated	FePeak.c/s=22	#Peaks=2
HXRBS	13:49:23	13:49:39	Qual=01	Rast=240"x240"	dt= 7.7s
BCS	13:48	13:57	Associated	Step=15"	XEN=916511
FCS			Qual= 4	Rast=30"x30"	Cad= 262s
UVSP	13:56	Wave length=1375A	Exp # = 90560	Step=5"	Pitch=-217", Yaw=-115"
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			Qual=03	Flags=I	
GOES	15:49	15:53	Qual=01	MaxkeV=144	#Peaks=2
HXRBS	15:49:11	15:49:56	Peak...c/s=202	FePeak.c/s=87	dt= 3.8s
BCS	15:21	15:52	Qual= 1	Rast=240"x240"	Cad= 262s
FCS			Wave length=1375A	Step=15"	Pitch=-202", Yaw=-154"
UVSP	15:45	15:47:15	Code=00	Step=5"	
HXRBS	15:46:47	15:47:15	Associated	MaxkeV=102	Flags=I
			Qual=01	Tot Cts=514	

Event # = 11516	DOY=165	Peak	SMM Pointing:	N22E01	Pitch=-323",Yaw=-104",Roll=-20deg	H.Ang=21deg
89/06/14,16:44	Start	End times	Ha...Class=SF		Mac.=FKC	Carr.Lon.=95deg
Optical	16:44	17:08	Importance=M2	Qual=05	MaxkeV=102	H.Ang=20deg
GOES	16:55:02	16:56:18	Peak...c/s=91	Qual=01	Rast=265"x265"	Step=5"
HXRBS	16:55:28	16:56:18	Wavelength=1375A		Tot Cts=1406	Pitch=-316",Yaw=-92"
UVSP	16:58		III/3 V/3		Exp #=90572	
Radio Sweeps	Type/Intensity:		245/830			
Radio	Frequency (MHz)/Flux(sfu):					
---	---	---	---	---	---	---
HXRBS	16:58:33	17:01:05	Associated	Event # = 11517	MaxkeV=102	
---	---	---	Qual=01	Tot Cts=1245		
---	---	---	Associated	Event # = 11519	MaxkeV=102	
HXRBS	16:54:37	16:54:44	Qual=01	Tot Cts=119		
---	---	---	Associated	Event # = 22938		
BCS	16:53	17:11	CaPeak.c/s=196	Qual= 1	FePeak.c/s=51	#Peaks=1 dt= 3.8s XEN=916513
FCS			Wavelength=1375A		Rast=240"x240"	Cad= 262s 1.024s/pixel
UVSP	17:00				Rast=13"x13"	Pitch=-203",Yaw=-144"
Exp #=90574						
Event # = 12553	DOY=165	Peak	SMM Pointing:	N22E01	Pitch=-322",Yaw=-106",Roll=-20deg	H.Ang=21deg
89/06/14,17:21	Start	End times	Ha...Class=SF		Mac.=FKC	Carr.Lon.=99deg
Optical	18:16	18:28	Importance=M1	Qual=05	FePeak.c/s=13	H.Ang=16deg
GOES	18:26	18:45	CaPeak.c/s=77	Qual= 5	Rast=240"x240"	#Peaks=1 dt= 3.8s XEN=916514
HXRBS	17:21:05	17:21:12	Wavelength=1375A		Rast=265"x265"	Cad= 262s 1.024s/pixel
UVSP	17:20				Tot Cts=210	Step=15"
Exp #=90574					Exp #=90574	Pitch=-203",Yaw=-144"
Event # = 22939	DOY=165	Peak	SMM Pointing:	N22E01	Pitch=-322",Yaw=-106",Roll=-20deg	H.Ang=21deg
89/06/14,18:20	Start	End times	Ha...Class=SF		Mac.=FKC	Carr.Lon.=99deg
Optical	18:16	18:28	Importance=M1	Qual=05	FePeak.c/s=10	H.Ang=16deg
GOES	18:26	18:45	CaPeak.c/s=77	Qual= 5	Rast=240"x240"	#Peaks=1 dt= 3.8s XEN=916514
HXRBS	17:21:05	17:21:12	Wavelength=1375A		Rast=265"x265"	Cad= 262s 1.024s/pixel
UVSP	18:30				Tot Cts=210	Step=15"
Exp #=90574					Exp #=90574	Pitch=-203",Yaw=-144"
Event # = 22940	DOY=165	Peak	SMM Pointing:	N22E01	Pitch=-314",Yaw=-128",Roll=-20deg	H.Ang=21deg
89/06/14,18:48	Start	End times	Ha...Class=SF		Mac.=CAO	Carr.Lon.=147deg
Optical	18:16	18:28	Importance=M1	Qual=05	MaxkeV=231	H.Ang=58deg
GOES	18:47	18:55	CaPeak.c/s=25	Qual= 4	Rast=10"x10"	Flags=M5
BCS	18:47	18:55	Wavelength=1375A		Tot Cts=2076	Step=0"
FCS	18:34				Exp #=90584	Pitch=-210",Yaw=-158"
UVSP	18:34					
Exp #=90577						
Event # = 11513	DOY=165	Peak	SMM Pointing:	N22W01	Pitch=-314",Yaw=-128",Roll=-20deg	H.Ang=21deg
89/06/14,20:19	Start	End times	Ha...Class=SF		Mac.=CAO	Carr.Lon.=147deg
Optical	20:19:02	20:19:54	Importance=M2	Qual=00	MaxkeV=231	H.Ang=58deg
GOES	20:19:02	20:19:17	Peak...c/s=269	Qual=01	Rast=10"x10"	Flags=M5
HXRBS	20:19:02	20:19:17	Wavelength=1375A		Tot Cts=2076	Step=0"
UVSP	20:06		III/3		Exp #=90584	Pitch=-210",Yaw=-158"
Radio Sweeps	Type/Intensity:		8800/60 15400/110			
Radio	Frequency (MHz)/Flux(sfu):					

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
 Rast=265"x265" Step=5" Pitch=-298", Yaw=-140"

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 Code=00 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 FePeak=02:37
 Wavelength=2788A Exp #=90604
 Pitch=-297", Yaw=-176", Roll=-20deg H. Ang=21deg
 Mac.=BXO Carr. Lon.=148deg H. Ang=60deg
 MaxkeV=102 dt= 7.7s XEN=916600
 Rast=180"x1" Step=0" Cad=1.02s 1.024s/pixel
 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 Qual=4 FePeak=02:37
 Wavelength=2788A 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												
89/06/15, 03:01		DOY=166			Peak							
GOES		End times		Qual=00								
BCS		03:01 03:04		CaPeak.c/s=19		Qual=3		FePeak=03:01				
FCS												
UVSP		02:57		Wavelength=2788A				Exp #=90604				
Event # = 22944												
89/06/15, 03:43		DOY=166			Peak							
GOES		End times		Qual=00								
BCS		03:42 04:05		CaPeak.c/s=35		Qual=4		FePeak=03:43				
FCS												
UVSP		03:34		Wavelength=2788A				Exp #=90605				
Event # = 12555												
89/06/15, 07:42		DOY=166			Peak		N22W07					
GOES		End times		SMM Pointing:								
HXRS		07:36 07:47		Importance=C6		Qual=02						
BCS		07:36:53 07:37:10		Peak...c/s=86		Qual=01		Tot Cts=1810				
FCS		07:38 07:39		CaPeak.c/s=45		Qual=2		FePeak=07:38				
UVSP		07:35		Wavelength=2788A		Code=00		Exp #=90610				
HXRS		07:39:42 07:39:51		Peak...c/s=61		Qual=01		Associated Event # = 12556				
								Tot Cts=179				
Event # = 12557												
89/06/15, 09:17		DOY=166			Peak		N22W08					
GOES		End times		SMM Pointing:								
HXRS		09:12 09:23		Importance=C5		Qual=02						
BCS		09:13:18 09:13:40		Peak...c/s=53		Qual=01		Tot Cts=245				
FCS		09:13 09:15		CaPeak.c/s=21		Qual=6		FePeak=09:13				
UVSP		09:43		Wavelength=2788A				Exp #=90613				
Event # = 22945												
89/06/15, 09:53		DOY=166			Peak							
GOES		End times		Qual=00								
BCS		09:53 09:57		CaPeak.c/s=30		Qual=5		FePeak=09:54				
FCS												
UVSP		09:43		Wavelength=2788A				Exp #=90613				
Event # = 11526												
89/06/15, 10:06		DOY=166			Peak		N22W08					
Optical		End times		SMM Pointing:								
GOES		09:59 10:35		Ha...Class=SF		S17W81		AR5521				
HXRS		10:00:58 10:03:45		Importance=M4		Qual=01						
GRS		10:02:00 10:05:00		Peak...c/s=2522		Qual=01		Tot Cts=2.91E+5				
BCS		10:09 10:12		CaPeak.c/s=18		Qual=4		FePeak=10:09				
FCS												
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				
89/06/15, 11:39	Peak	11:39	11:39	N23E02	AR5536			
Optical				Qual=02				
GOES				Qual=01				
HXRBS				Qual= 1				
BCS								
FCS								
UVSP								
Event # = 12559	DOY=166	Start	End times	Associated				
89/06/15, 11:37:32	Peak	11:37:57	11:40:12	Qual=01				
HXRBS				Associated				
BCS				Qual=01				
FCS								
UVSP								
Event # = 22948	DOY=166	Start	End times	N20W00	AR5536			
89/06/15, 13:03	Peak	13:03	13:25	Qual=00	FePeak=13.06			
Optical				Qual= 4				
GOES								
BCS								
FCS								
UVSP								
Event # = 12562	DOY=166	Start	End times	N22W10				
89/06/15, 13:45	Peak	13:42:47	13:44:28	S17W57	AR5524			
Optical				Qual=03				
GOES				Qual=01				
HXRBS				Qual= 1				
BCS								
FCS								
UVSP								
Event # = 12561	DOY=166	Start	End times	Associated				
89/06/15, 14:23	Peak	14:18	14:46	Qual=01				
Optical				Qual=05				
GOES								
HXRBS								
UVSP								

Event # = 12564 89/06/15, 14:58 Start Peak DOY=166 End times	SMM Pointing: N01W00 Qual=00	Pitch=-1", Yaw=+2", Roll=-19deg H. Ang=0deg
GOES HXRB UVSP	Peak...c/s=71 Wavelength=1375A Tot Cts=829 Exp #=90618	MaxkeV=102 Rast=250"x250" Step=10" Pitch=+7", Yaw=+13"
Event # = 11527 89/06/15, 17:45 Start Peak DOY=166 End times	SMM Pointing: N01W00 S27E06 N20W11 Qual=00	Pitch=+6", Yaw=-1", Roll=-19deg H. Ang=0deg
Optical GOES HXRB UVSP	Ha...Class=SF Ha...Class=SF Peak...c/s=48 Wavelength=1375A Tot Cts=974 Exp #=90643	Mac.=FKI Carr. Lon.=75deg Carr. Lon.=92deg MaxkeV=102 Rast=10"x10" Step=0" Pitch=-13", Yaw=-12"
Event # = 11534 89/06/15, 17:56 Start Peak DOY=166 End times	SMM Pointing: N01W00 S27E06 N20W11 Qual=01	Pitch=+6", Yaw=-1", Roll=-19deg H. Ang=0deg
Optical GOES HXRB	Ha...Class=SF Ha...Class=SF Peak...c/s=41 Tot Cts=194	Mac.=FKI Carr. Lon.=75deg Carr. Lon.=92deg MaxkeV=102
Event # = 11535 89/06/15, 19:16 Start Peak DOY=166 End times	SMM Pointing: N01W00 S21E08 Qual=02	Pitch=-1", Yaw=+2", Roll=-19deg H. Ang=0deg
Optical GOES HXRB GRS BCS FCS	Ha...Class=3B Importance=X4 Peak...c/s=27056 Qual=11 CaPeak.c/s=5975 Qual= 1 FePeak=19:15 Radio Sweeps Frequency (MHz)/Flux(sfu): 245/720 410/970 606/350 1415/1100 2695/1100 4995/1500 8800/1800 15400/1600 Associated Event # = 22949 Qual = 5 FePeak=19:35	Mac.=FKI Carr. Lon.=72deg Flags=M5, I, DG Dur=120sec XEN=916611 1.024s/pixel dt= 7.7s Cad=1.02s FePeak.c/s=3840 Step=0" dt= 7.7s XEN=916612 0.256s/pixel
Event # = 12565 89/06/15, 20:54 Start Peak DOY=166 End times	SMM Pointing: N20W15 Qual=00	Pitch=-210", Yaw=-315", Roll=-20deg H. Ang=24deg
GOES HXRB UVSP	Peak...c/s=51 Wavelength=2788A Tot Cts=212 Exp #=90644	MaxkeV=102 Rast=243"x243" Step=3" Pitch=-203", Yaw=-303"
Event # = 22950 89/06/15, 20:59 Start Peak DOY=166 End times	CaPeak.c/s=18 Wavelength=2788A Qual=00 Qual= 4 FePeak=20:59 Exp #=90644	FePeak.c/s=7 Rast=115"x115" Step=5" Pitch=-203", Yaw=-303"

Event # = 12566
 89/06/15, 22:22 DOY=166 Peak
 SMM Pointing: N20W15
 Ha...Class=SN N16W17 AR5528
 Importance=M1 Qual=01
 Peak...c/s=159 Qual=01 Tot Cts=8530
 CaPeak.c/s=532 Qual=1 FePeak=22:19
 Wavelength=1375A Code=00 Exp #=90647
 Pitch=-207", Yaw=-325", Roll=-20deg H.Ang=24deg
 Mac.=FKC Carr.Lon.=95deg H.Ang=22deg
 MaxkeyV=102 dt= 3.8s XEN=916614
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
 Rast=13"x13" Pitch=-141", Yaw=-337"
 UVSP 22:21

89/06/16, 01:38 DOY=167
 SMM Pointing: N20W17
 Qual=00
 Qual=01
 Peak...c/s=45 Tot Cts=137
 Wavelength=1375A Exp #=90657
 Pitch=-197", Yaw=-350", Roll=-20deg H.Ang=25deg
 MaxkeyV=102
 Rast=30"x30" Step=5" Pitch=-148", Yaw=-395"

Event # = 22951
 89/06/16, 02:04 DOY=167 Peak
 SMM Pointing: N20W19
 Ha...Class=1F S16E04 AR5533
 Importance=M3 Qual=03
 Peak...c/s=279 Qual=01 Tot Cts=27279
 Wavelength=2788A Exp #=90672
 Type/Intensity: III/3
 Frequency(MHz)/Flux(sfu): 245/250 410/150 606/30 2695/78 8800/42 15400/42
 Associated Event # = 11529
 Qual=01 Tot Cts=2941
 Peak...c/s=225 Exp #=90671
 Wavelength=2788A Event # = 11532
 Associated Event # = 11532
 Qual=01 Tot Cts=199
 Peak...c/s=47 Exp #=90671
 Wavelength=2788A
 FePeak.c/s=6 #Peaks=2 dt= 7.7s XEN=916700
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
 Rast=30"x30" Step=5" Pitch=-146", Yaw=-400"

Event # = 22952
 89/06/16, 02:53 DOY=167 Peak
 SMM Pointing: N20W19
 Ha...Class=1F S16E04 AR5533
 Importance=M3 Qual=03
 Peak...c/s=279 Qual=01 Tot Cts=27279
 Wavelength=2788A Exp #=90672
 Type/Intensity: III/3
 Frequency(MHz)/Flux(sfu): 245/250 410/150 606/30 2695/78 8800/42 15400/42
 Associated Event # = 11529
 Qual=01 Tot Cts=2941
 Peak...c/s=225 Exp #=90671
 Wavelength=2788A Event # = 11532
 Associated Event # = 11532
 Qual=01 Tot Cts=199
 Peak...c/s=47 Exp #=90671
 Wavelength=2788A
 FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=916701
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
 Rast=265"x265" Step=5" Pitch=-185", Yaw=-350"

Event # = 11530
 89/06/16, 04:54 DOY=167 Peak
 SMM Pointing: N20W19
 Ha...Class=1F S16E04 AR5533
 Importance=M3 Qual=03
 Peak...c/s=279 Qual=01 Tot Cts=27279
 Wavelength=2788A Exp #=90672
 Type/Intensity: III/3
 Frequency(MHz)/Flux(sfu): 245/250 410/150 606/30 2695/78 8800/42 15400/42
 Associated Event # = 11529
 Qual=01 Tot Cts=2941
 Peak...c/s=225 Exp #=90671
 Wavelength=2788A Event # = 11532
 Associated Event # = 11532
 Qual=01 Tot Cts=199
 Peak...c/s=47 Exp #=90671
 Wavelength=2788A
 FePeak.c/s=187 #Peaks=1 dt= 7.7s XEN=916701
 Rast=180"x1" Step=0" Cad=1.02s 1.024s/pixel
 Rast=180"x1" Step=0" Pitch=-52", Yaw=-195"
 MaxkeyV=231
 Rast=180"x1" Step=0" Pitch=-55", Yaw=-188"
 MaxkeyV=102
 Rast=180"x1" Step=0" Pitch=-55", Yaw=-188"

Event # = 11531		DOY=167		SMM Pointing:		N20W19		Pitch=-189", Yaw=-374", Roll=-20deg		H. Ang=26deg	
89/06/16,05:25	Start	05:25	Peak	07:37	End times	Ha...Class=2N	S16E04	AR5533	Mac.=FKO	Carr. Lon.=71deg	H. Ang=18deg
GOES	05:17	05:25	07:37	07:37	09:34	Importance=M7	Qual=03				
HXRBS	05:12:36	05:18:07	05:18:32	05:18:32	07:44:41	Peak...c/s=135	Qual=03	Tot Cts=12952	MaxkeV=102	Flags=EN	
UVSP	05:13				07:41:00	Wave length=2788A	Code=00	Exp #=90672	Rast=180"x1"	Pitch=0"	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	Peak	09:34	End times	Ha...Class=1N	S17E03	AR5533	Mac.=FKO	Carr. Lon.=70deg	H. Ang=18deg
GOES	07:39	07:42	09:34	09:34	07:44:41	Importance=X3	Qual=03				
HXRBS	07:37:43	07:40:39	07:44:41	07:44:41	07:41:00	Peak...c/s=18920	Qual=04	Tot Cts=2.82E+6	MaxkeV=576	Flags=M5, SN, EG	
GRS	07:38:00					Wave length=2788A	Code=01	Exp #=90675	Rast=180"x1"	Pitch=0"	Dur=180sec
UVSP	07:21					Type/Intensity:					Yaw=-211"
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	Peak	09:17:13	End times	Peak...c/s=123	Qual=03	Tot Cts=3327	MaxkeV=102	Flags=EG	
GOES	09:14:15	09:15:08	09:17:13	09:17:13	09:17:13	Wave length=2788A	Qual=03	Exp #=90677	Rast=180"x1"	Pitch=0"	Yaw=-223"
HXRBS	09:14:15	09:15:08	09:17:13	09:17:13							
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	Peak	09:57	End times	CaPeak.c/s=108	Qual=00	FePeak=09:38	FePeak.c/s=22	#Peaks=1	dt= 3.8s
GOES	09:37	09:38	09:57	09:57	09:57	Wave length=2788A	Qual=1	Exp #=90677	Rast=240"x240"	Step=15"	XEN=916702
BCS	09:37	09:38	09:57	09:57					Rast=180"x1"	Step=0"	Cad= 262s
FCS	08:55									Step=0"	1.024s/pixel
UVSP	08:55									Pitch=-42"	Yaw=-223"
Event # = 11537		DOY=167		SMM Pointing:		N20W21		Pitch=-175", Yaw=-411", Roll=-20deg		H. Ang=28deg	
89/06/16,10:34	Start	10:34	Peak	10:34:36	End times	Peak...c/s=54	Qual=01	Tot Cts=237	Mac.=FKC	Carr. Lon.=95deg	H. Ang=26deg
Optical						Ha...Class=SF	N14W23	AR5528			
GOES	10:33:46	10:34:01	10:34:36	10:34:36	10:34:36	Wave length=2788A	Qual=01	Exp #=90677			
HXRBS	10:33:46	10:34:01	10:34:36	10:34:36							
Event # = 22954		DOY=167		SMM Pointing:		N20W24		Pitch=-164", Yaw=-443", Roll=-20deg		H. Ang=30deg	
89/06/16,12:06	Start	12:06	Peak	12:22	End times	CaPeak.c/s=82	Qual=5	FePeak=12:15	Mac.=CAO	Carr. Lon.=141deg	H. Ang=72deg
Optical						Ha...Class=SF	S19W70	AR5524			
GOES	12:02	12:06	12:22	12:22	12:22	Importance=M1	Qual=05	Exp #=90678	FePeak.c/s=14	#Peaks=1	dt= 7.7s
BCS	12:07	12:08	13:02	13:02		Wave length=2788A	Qual=5	Exp #=90678	Rast=240"x240"	Step=15"	XEN=916703
FCS	12:07	12:08	13:02	13:02					Rast=180"x1"	Step=0"	Cad= 262s
UVSP	12:54									Pitch=-32"	Yaw=-252"
Event # = 11538		DOY=167		SMM Pointing:		N20W24		Pitch=-164", Yaw=-443", Roll=-20deg		H. Ang=30deg	
89/06/16,14:08	Start	14:08	Peak	14:08:35	End times	Peak...c/s=61	Qual=01	Tot Cts=137	MaxkeV=102		
GOES	14:08:15	14:08:24	14:08:35	14:08:35							
HXRBS	14:08:15	14:08:24	14:08:35	14:08:35							

Event # = 11539 89/06/16,15:27 Start	DOY=167 Peak	End times	SMM Pointing:	N20W25	Pitch=-371",Yaw=+305",Roll=90deg	H.Ang=31deg
Optical			Ha...Class=1F	N17W11	Mac.=EAO	H.Ang=19deg
GOES	15:27	15:52	Importance=C8	Qual=04	Carr.Lon.=80deg	
HXRBS	15:16:17	15:27:29	Peak...c/s=51	Qual=01	MaxkeV=102	XEN=916709
BCS	15:11	15:43	CaPeak.c/s=115	Qual= 2	dt= 7.7s	
FCS					Rast=240"x240"	Cad= 262s
					#Peaks=1	
					Step=15"	
Event # = 11541 89/06/16,16:46 Start	DOY=167 Peak	End times	SMM Pointing:	N20W25	Pitch=-156",Yaw=-457",Roll=-20deg	H.Ang=31deg
Optical			Ha...Class=SF	N13W05	Carr.Lon.=73deg	H.Ang=13deg
Optical			Ha...Class=SF	N20E58	Carr.Lon.=10deg	H.Ang=60deg
GOES				Qual=00		
HXRBS	16:43:52	16:44:54	Peak...c/s=55	Qual=02	MaxkeV=102	XEN=916705
BCS	16:45	16:46	CaPeak.c/s=28	Qual= 5	dt= 7.7s	
FCS					Flags=SN	
UVSP	16:48		Wavelength=1375A		#Peaks=1	
					Step=0"	
					Step=5"	
					Pitch=-149",Yaw=-452"	
Event # = 11542 89/06/16,17:00 Start	DOY=167 Peak	End times	SMM Pointing:	N20W25	Pitch=-156",Yaw=-457",Roll=-20deg	H.Ang=31deg
Optical			Ha...Class=1B	S23E67	Mac.=CAO	H.Ang=69deg
Optical			Ha...Class=1N	S18W08	Carr.Lon.=76deg	H.Ang=21deg
GOES	16:55	17:30	Importance=M2	Qual=01		
HXRBS	16:55:48	16:57:15	Peak...c/s=724	Qual=11	MaxkeV=275	
UVSP	16:52		Wavelength=1375A	Code=00	Rast=30"x30"	
					Step=5"	
					Pitch=-232",Yaw=-464"	
Event # = 22955 89/06/16,18:34 Start	DOY=167 Peak	End times	SMM Pointing:	N17W28	Mac.=FKC	H.Ang=32deg
Optical			Ha...Class=SF	Qual=00		
GOES				Qual= 4	#Peaks=1	XEN=916706
BCS	18:34	18:37	CaPeak.c/s=25	Qual= 4	dt= 7.7s	
FCS					Step=0"	
UVSP	18:24		Wavelength=1375A		Step=5"	
					Pitch=-108",Yaw=-515"	
Event # = 22956 89/06/16,18:42 Start	DOY=167 Peak	End times	SMM Pointing:	Qual=00		
GOES				Qual= 4	#Peaks=1	XEN=916707
BCS	18:42	18:44	CaPeak.c/s=21	Qual= 4	dt= 7.7s	
FCS					Step=0"	
UVSP	18:41		Wavelength=1375A		Step=5"	
					Pitch=-102",Yaw=-517"	
Event # = 11540 89/06/16,20:16 Start	DOY=167 Peak	End times	SMM Pointing:	N20W27	Pitch=-149",Yaw=-487",Roll=-20deg	H.Ang=33deg
Optical			Ha...Class=1B	S21W02	Mac.=FKO	H.Ang=22deg
GOES				Qual=00		
HXRBS	20:16:04	20:16:09	Peak...c/s=59	Qual=01	Carr.Lon.=68deg	
UVSP	20:15	20:17:02	Wavelength=1375A		MaxkeV=144	
					Rast=30"x30"	
					Step=5"	
					Pitch=-173",Yaw=-378"	

Event # = 11543	DOY=167		SMM Pointing:		N20W28		Pitch=-145",Yaw=-497",Roll=-20deg		H.Ang=33deg		
89/06/16,21:48	Start	Peak									
GOES	21:47:55	21:48:16	21:48:23	End times	Qual=00		MaxkeV=102		Step=5" Pitch=-89",Yaw=-549"		
HXRBS	21:47:55	21:48:16	21:48:23	End times	Qual=01		Rast=30"x30"				
UVSP	21:47				Tot Cts=290						
					Exp #=90704						
Event # = 11544	DOY=167		SMM Pointing:		N20W28		Pitch=-145",Yaw=-497",Roll=-20deg		H.Ang=33deg		
89/06/16,21:54	Start	Peak									
Optical					Ha...Class=SB		Mac.=FKO		Carr. Lon.=72deg		
GOES	21:48	21:54	22:28	End times	Qual=01		MaxkeV=187		Flags=ND		
HXRBS	21:49:48	21:50:10	21:55:24	End times	Qual=01		FePeak.c/s=7		#Peaks=1 dt= 7.7s XEN=916708		
BGS	21:41	21:49	22:07	End times	Qual= 1		Rast=0"x0"		Cad=1.02s 1.024s/pixel		
FCS	21:59	21:59			Code=00		Step=5"		Pitch=-89",Yaw=-549"		
UVSP	21:47				WaveLength=1375A		Exp #=90704				
Event # = 11545	DOY=167		SMM Pointing:		N20W29		Pitch=-141",Yaw=-508",Roll=-20deg		H.Ang=34deg		
89/06/16,22:59	Start	Peak									
GOES	22:55	22:59	23:04	End times	Qual=04		MaxkeV=102		Flags=SN		
HXRBS	22:54:13	22:55:55	22:58:07	End times	Qual=02		Rast=265"x265"		Step=5" Pitch=-133",Yaw=-496"		
UVSP	22:59				Code=02		Exp #=90707				
Event # = 11546	DOY=167		SMM Pointing:		N20W29		Pitch=-141",Yaw=-508",Roll=-20deg		H.Ang=34deg		
89/06/16,23:21	Start	Peak									
GOES	23:17	23:21	23:32	End times	Qual=01		MaxkeV=144		Step=5" Pitch=-250",Yaw=-435"		
HXRBS	23:18:27	23:18:45	23:19:17	End times	Qual=01		Rast=30"x30"				
UVSP	23:19				Code=00		Exp #=90711				
Event # = 11547	DOY=168		SMM Pointing:		N20W30		Pitch=-137",Yaw=-519",Roll=-20deg		H.Ang=35deg		
89/06/17,00:35	Start	Peak									
Optical					Ha...Class=SF		Mac.=FHI		Carr. Lon.=72deg		
GOES	00:32	00:35	00:38	End times	Qual=01		MaxkeV=187		H.Ang=20deg		
HXRBS	00:34:01	00:34:08	00:34:24	End times	Qual=01		Rast=265"x265"		Step=5" Pitch=-130",Yaw=-506"		
UVSP	00:33				Code=00		Exp #=90714				
Event # = 11548	DOY=168		SMM Pointing:		N20W30		Pitch=-137",Yaw=-519",Roll=-20deg		H.Ang=35deg		
89/06/17,01:02	Start	Peak									
Optical					Ha...Class=SF		Mac.=FHI		Carr. Lon.=72deg		
GOES	00:57	01:02	01:11	End times	Qual=02		MaxkeV=144		H.Ang=21deg		
HXRBS	00:59:34	00:59:56	01:01:01	End times	Qual=01		Rast=10"x10"		Step=0" Pitch=-92",Yaw=-560"		
UVSP	00:48				Code=00		Exp #=90718				
Event # = 22957	DOY=168		SMM Pointing:		N20W30		Pitch=-137",Yaw=-519",Roll=-20deg		H.Ang=35deg		
89/06/17,03:37	Start	Peak									
GOES	03:33	03:37	03:59	End times	Qual=00		FePeak.c/s=6		#Peaks=1 dt= 7.7s XEN=916800		
BGS	03:33	03:37	03:59	End times	Qual= 5		Rast=0"x0"		Cad=1.02s 1.024s/pixel		
FCS	03:24	03:37			Code=00		Step=0"		Pitch=+5",Yaw=-354"		
UVSP	03:24				WaveLength=2788A		Exp #=90732				

Event # = 22958																					
89/06/17,04:30	DOY=168	Start	End times																		
Optical		04:13	05:05	Ha...Class=IF	S20W11	AR5533	Mac.=FHI	Carr. Lon.=73deg	H. Ang=24deg												
GOES		04:30	04:29	Importance=C9	Qual=03		FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=916801											
BCS		04:24		CaPeak.c/s=21	Qual= 2	FePeak=04:25	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel											
FCS				WaveLength=2788A	Code=00	Exp #=90733	Rast=180"x1"	Step=0"	Pitch=+7"	Yaw=-361"											
UVSP		04:21																			
Event # = 11549																					
89/06/17,05:13	DOY=168	Start	End times	SMM Pointing:	N20W32																
GOES		05:13:23	05:13:50	Peak...c/s=47	Qual=00		MaxkeV=102	Flags=ND													
HXRBS		04:58		WaveLength=2788A	Qual=01	Tot Cts=170	Rast=180"x1"	Step=0"	Pitch=+9"	Yaw=-365"											
UVSP		04:58		Frequency(MHz)/Flux(sfu): 15400/61		Exp #=90734															
Event # = 22959																					
89/06/17,05:37	DOY=168	Start	End times																		
GOES		05:37	05:39	CaPeak.c/s=18	Qual= 4	FePeak=05:37	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=916802											
BCS				WaveLength=2788A		Exp #=90735	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel											
FCS							Rast=180"x1"	Step=0"	Pitch=+11"	Yaw=-371"											
UVSP		05:55																			
Event # = 22960																					
89/06/17,08:18	DOY=168	Start	End times																		
Optical		08:11	08:32	Ha...Class=SF	N17W37	AR5528	Mac.=FKC	Carr. Lon.=97deg	H. Ang=40deg												
GOES		08:11		CaPeak.c/s=73	Qual= 1	FePeak=08:17	FePeak.c/s=19	#Peaks=1	dt= 3.8s	XEN=916803											
BCS				WaveLength=2788A		Exp #=90738	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel											
FCS							Rast=180"x1"	Step=0"	Pitch=+16"	Yaw=-385"											
UVSP		08:03																			
Event # = 11550																					
89/06/17,09:04	DOY=168	Start	End times	SMM Pointing:	N20W34																
Optical		09:03:41	09:04:16	Ha...Class=SF	N10W70	AR5545	Mac.=DA0	Carr. Lon.=129deg	H. Ang=70deg												
GOES		09:03	09:06	Peak...c/s=54	Qual=03		MaxkeV=102	#Peaks=1	dt= 7.7s	XEN=916804											
HXRBS		09:04:09		CaPeak.c/s=43	Qual=01	Tot Cts=191	FePeak.c/s=18	Step=15"	Cad= 262s	1.024s/pixel											
BCS		09:04		WaveLength=2788A	Qual= 1	Exp #=90739	Rast=240"x240"	Step=0"	Pitch=+18"	Yaw=-391"											
FCS							Rast=180"x1"	Step=0"													
UVSP		09:00																			
Event # = 11551																					
89/06/17,09:44	DOY=168	Start	End times	SMM Pointing:	N20W35																
Optical		09:39	09:48	Ha...Class=SN	S19W17	AR5533	Mac.=FHI	Carr. Lon.=76deg	H. Ang=26deg												
GOES		09:42:41	09:45:19	Importance=M1	Qual=04		MaxkeV=231	Flags=SN													
HXRBS		09:43:09		Peak...c/s=93	Qual=02	Tot Cts=2528	Rast=180"x1"	Step=0"	Pitch=+19"	Yaw=-395"											
UVSP		09:35		WaveLength=2788A	Code=00	Exp #=90740															

Event # = 11552		DOY=168		SMM Pointing:		N20W35		Pitch=-115", Yaw=-582", Roll=-20deg		H. Ang=39deg	
89/06/17, 10:20	Start	10:14	Peak	10:39	End times	Qual=01					
GOES		10:17:13		10:21:44		Qual=01					
HXRBS		10:34		10:35		Qual= 4					
BCS											
FCS											
UVSP											
Radio Sweeps											
		Type/Intensity:		WaveLength=2788A							
		111/1									
Event # = 11553		DOY=168		SMM Pointing:		N20W36		Pitch=-111", Yaw=-592", Roll=-20deg		H. Ang=40deg	
89/06/17, 11:43	Start	11:40:40	Peak	11:41:12	End times	Qual=00					
GOES		11:41		11:47		Qual=01					
HXRBS		11:43		11:47		Qual= 1					
BCS											
FCS											
UVSP											
Radio Sweeps											
		Type/Intensity:		WaveLength=2788A							
		111/1									
Event # = 11554		DOY=168		SMM Pointing:		N20W36		Pitch=-111", Yaw=-592", Roll=-20deg		H. Ang=40deg	
89/06/17, 11:50	Start	11:49:27	Peak	11:50:21	End times	Qual=00					
GOES		11:52		11:50:53		Qual=01					
HXRBS		11:54		11:50:53		Qual=01					
BCS											
FCS											
UVSP											
Radio Sweeps											
		Type/Intensity:		WaveLength=2788A							
		111/1									
Event # = 11555		DOY=168		SMM Pointing:		N21W38		Pitch=-115", Yaw=-619", Roll=-20deg		H. Ang=42deg	
89/06/17, 16:17	Start	15:53	Peak	16:17	End times	Qual=03					
GOES		15:52:51		16:02:40		Qual=03					
HXRBS		15:54		16:11		Qual= 1					
BCS											
FCS											
UVSP											
Radio Sweeps											
		Type/Intensity:		WaveLength=1375A							
		111/1									
Event # = 22962		DOY=168		SMM Pointing:		N21W38		Pitch=-115", Yaw=-619", Roll=-20deg		H. Ang=42deg	
89/06/17, 19:04	Start	19:00	Peak	19:04	End times	Qual=00					
GOES		19:00		19:20		Qual= 1					
HXRBS		19:04		19:20		Qual= 1					
BCS											
FCS											
UVSP											
Radio Sweeps											
		Type/Intensity:		WaveLength=1375A							
		111/1									

Event # = 11556																			
89/06/17, 20:58	DOY=168		SMM Pointing:																
Start	Peak	End times	Ha...Class=SN	N21W40															
Optical				N15W49	AR5528														
GOES			Peak...c/s=110	Qual=01	Tot Cts=919														
HXRBS	20:58:34	20:58:53	WaveLength=1375A	Qual=01	Exp #=90779														
UVSP	20:56																		
89/06/18 DOY=169																			
Event # = 11557			SMM Pointing:																
89/06/18, 00:17	DOY=169			N21W42															
Start	Peak	End times		Qual=00															
GOES			Peak...c/s=154	Qual=01	Tot Cts=1221														
HXRBS	00:17:20	00:17:35	WaveLength=1375A		Exp #=90793														
UVSP	00:02																		
89/06/18 DOY=169																			
Event # = 22963																			
89/06/18, 00:19	DOY=169																		
Start	Peak	End times		Qual=00															
GOES			CaPeak.c/s=40	Qual=5	FePeak=00:19														
BGS	00:19	00:23	WaveLength=1375A		Exp #=90795														
FCS																			
UVSP	00:18																		
89/06/18, 03:08 DOY=169																			
Event # = 22964																			
89/06/18, 03:08	DOY=169																		
Start	Peak	End times		N24W35															
Optical			Ha...Class=SF	Qual=00															
GOES			CaPeak.c/s=66	Qual=1	FePeak=03:05														
BGS	02:50	03:38	WaveLength=2788A		Exp #=90804														
FCS																			
UVSP	03:30																		
89/06/18, 04:15 DOY=169																			
Event # = 22965																			
89/06/18, 04:15	DOY=169																		
Start	Peak	End times		N18W40	AR5536														
Optical			Ha...Class=SF	Qual=00															
GOES			CaPeak.c/s=109	Qual=5	FePeak=04:15														
BGS	04:15	05:10	WaveLength=2788A		Exp #=90805														
FCS																			
UVSP	04:07																		
89/06/18, 05:51 DOY=169																			
Event # = 22966																			
89/06/18, 05:51	DOY=169																		
Start	Peak	End times		N17W56	AR5528														
Optical			Ha...Class=SF	Qual=05															
GOES			CaPeak.c/s=278	Qual=1	FePeak=05:50														
BGS	05:48	06:43	WaveLength=2788A		Exp #=90807														
FCS																			
UVSP	05:39																		

Event # = 22967		DOY=169					
89/06/18, 08:02	Start	End times	Peak				
Optical							
GOES				S17W30	AR5533	Mac.=FHI	H.Ang=35deg
BCS	07:22	08:16	08:02	Qual=00		FePeak.c/s=11	dt= 7.7s XEN=916904
FCS				Qual= 1	FePeak=08:01	Rast=0"x0"	Cad=1.02s 1.024s/pixel
UVSP	08:09			Wavelength=2788A	Exp #=90810	Rast=180"x1"	Pitch=+52", Yaw=-529"
Event # = 22968		DOY=169					
89/06/18, 09:06	Start	End times	Peak				
Optical							
GOES				N03W90	AR5547	Carr. Lon.=136deg	H.Ang=90deg
BCS	08:53	09:14	09:06	Qual=00		FePeak.c/s=11	dt= 7.7s XEN=916905
FCS				Qual= 1	FePeak=08:56	Rast=0"x0"	Cad=1.02s 1.024s/pixel
UVSP	08:44			Wavelength=2788A	Exp #=90811	Rast=180"x1"	Pitch=+53", Yaw=-533"
Event # = 22969		DOY=169					
89/06/18, 09:37	Start	End times	Peak				
Optical							
GOES				N03W90	AR5547	Carr. Lon.=136deg	H.Ang=90deg
BCS	09:37	09:41	09:38	Qual=00		FePeak.c/s=11	dt= 7.7s XEN=916906
FCS				Qual= 4	FePeak=09:38	Rast=0"x0"	Cad=1.02s 1.024s/pixel
UVSP	09:41			Wavelength=2788A	Exp #=90812	Rast=180"x1"	Pitch=+55", Yaw=-538"
Event # = 22970		DOY=169					
89/06/18, 10:32	Start	End times	Peak				
Optical							
GOES				N21W48		Pitch=-76", Yaw=-731", Roll=-20deg	H.Ang=51deg
BCS	10:31	10:35	10:32	Qual=00		Mac.=ESI	H.Ang=37deg
FCS				Qual= 4	FePeak=10:31		
UVSP	10:18			Wavelength=2788A	Exp #=90813		
Event # = 11558		DOY=169					
89/06/18, 12:24	Start	End times	Peak				
Optical							
GOES				N16W34	AR5536	Mac.=ESI	H.Ang=37deg
HXRBS	12:17:56	12:20:29	12:20:29	Qual=00		MaxkeV=102	
BCS	11:59	12:24	12:24	Qual=01	Tot Cts=1389	FePeak.c/s=7	dt= 7.7s XEN=916908
FCS				Qual= 1	FePeak=12:24	Rast=240"x240"	Cad= 262s 1.024s/pixel
UVSP	12:18			Wavelength=2788A	Exp #=90816	Rast=243"x243"	Pitch=-67", Yaw=-723"
Event # = 22971		DOY=169					
89/06/18, 13:36	Start	End times	Peak				
Optical							
GOES				N16W34	AR5536	Mac.=ESI	H.Ang=37deg
BCS	13:34	13:36	13:36	Qual=00		MaxkeV=102	
FCS				Qual= 1	FePeak=13:36	FePeak.c/s=10	dt= 7.7s XEN=916909
UVSP	13:35			Wavelength=1375A	Exp #=90817	Rast=0"x0"	Cad=1.02s 1.024s/pixel
Event # = 22972		DOY=169					
89/06/18, 13:53	Start	End times	Peak				
Optical							
GOES				N16W34	AR5536	Mac.=ESI	H.Ang=37deg
BCS	13:51	13:53	13:53	Qual=00		MaxkeV=102	
FCS				Qual= 4	FePeak=13:51	FePeak.c/s=8	dt= 7.7s XEN=916910
UVSP	13:39			Wavelength=1375A	Exp #=90819	Rast=0"x0"	Cad=1.02s 1.024s/pixel
Event # = 22973		DOY=169					
89/06/18, 13:53	Start	End times	Peak				
Optical							
GOES				N16W34	AR5536	Mac.=ESI	H.Ang=37deg
BCS	13:51	13:53	13:53	Qual=00		MaxkeV=102	
FCS				Qual= 4	FePeak=13:51	FePeak.c/s=8	dt= 7.7s XEN=916910
UVSP	13:39			Wavelength=1375A	Exp #=90819	Rast=0"x0"	Cad=1.02s 1.024s/pixel

Event # = 11559	DOY=169	SMM Pointing:		N21W51	Pitch=-66", Yaw=-758", Roll=-20deg		H. Ang=54deg
89/06/18, 18:10	Peak	End times					
GOES	18:09:50	18:10:09	18:10:28	Qual=00	MaxkeV=102	Step=5"	Pitch=-56", Yaw=-753"
HXRBS	18:14			Qual=01	Rast=265" x265"		
UVSP					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					
GOES	18:17:36	18:17:51	18:18:12	Qual=00	MaxkeV=102	Step=5"	Pitch=+16", Yaw=-825"
HXRBS	18:16			Qual=01	Rast=30" x30"		
UVSP					Exp #=90840		
Event # = 22973	DOY=169	SMM Pointing:		N21W51	Pitch=-56", Yaw=-790", Roll=-20deg		H. Ang=57deg
89/06/18, 21:15	Peak	End times					
GOES	21:15	21:15	21:17	Qual=00	FePeak.c/s=8	#Peaks=1	dt= 7.7s XEN=916911
BCS				Qual= 5	Rast=0" x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS					Rast=265" x265"	Step=5"	Pitch=-52", Yaw=-767"
UVSP	21:18				Exp #=90852		
Event # = 11561	DOY=170	SMM Pointing:		N21W55	Pitch=-56", Yaw=-790", Roll=-20deg		H. Ang=57deg
89/06/19, 00:34	Peak	End times					
GOES	00:33:06	00:33:16	00:33:40	Qual=01	MaxkeV=102	#Peaks=1	dt= 7.7s XEN=917000
HXRBS	00:34	00:34	00:36	Qual=01	FePeak.c/s=14	Step=0"	Cad=1.02s 1.024s/pixel
BCS				Qual= 1	Rast=0" x0"	Step=5"	Pitch=+10", Yaw=-834"
FCS					Rast=30" x30"		
UVSP	00:28				Exp #=90868		
Event # = 22974	DOY=170	SMM Pointing:		N19W43	Carr. Lon.=80deg		H. Ang=46deg
89/06/19, 00:50	Peak	End times					
Optical				Qual=01	Mac.=ESI	#Peaks=1	dt= 3.8s XEN=917001
GOES	00:42	00:50	01:00	Qual=01	AR5536	Step=15"	Cad= 262s 1.024s/pixel
BCS				Qual= 1	FePeak=00:50	Step=5"	Pitch=+11", Yaw=-840"
FCS					Exp #=90870		
UVSP	00:43						
Event # = 11562	DOY=170	SMM Pointing:		N21W56	Pitch=-52", Yaw=-801", Roll=-20deg		H. Ang=58deg
89/06/19, 03:33	Peak	End times					
GOES	03:32:48	03:33:02	03:33:45	Qual=00	MaxkeV=102	Step=0"	Pitch=+85", Yaw=-622"
HXRBS	03:16			Qual=01	Rast=180" x1"		
UVSP					Exp #=90875		
Radio Sweeps		Type/Intensity:	III/2				
Event # = 22975	DOY=170	SMM Pointing:		N21W56	Pitch=-52", Yaw=-801", Roll=-20deg		H. Ang=58deg
89/06/19, 04:12	Peak	End times					
GOES	04:10	04:12	04:15	Qual=00	FePeak.c/s=11	#Peaks=1	dt= 7.7s XEN=917002
BCS				Qual= 1	Rast=0" x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS					Rast=180" x1"	Step=0"	Pitch=+86", Yaw=-626"
UVSP	04:13				Exp #=90876		

Event # = 11563			SMM Pointing:			N21W57			Pitch=-49",Yaw=-81",Roll=-20deg			H.Ang=59deg		
89/06/19,05:14 Start			DOY=170 Peak											
GOES			End times											
HXRB8			05:14:45 05:14:55 05:15:11			Qual=00			MaxkeV=102			Step=0"		
UVSP			04:50			Qual=01			Rast=180"x1"			Pitch=+86",Yaw=-629"		
Event # = 11564			SMM Pointing:			N21W57			Pitch=-49",Yaw=-81",Roll=-20deg			H.Ang=59deg		
89/06/19,05:56 Start			DOY=170 Peak											
Optical			End times											
GOES			05:32 05:56 07:03			N15W59			Mac.=FKC			Carr.Lon.=94deg		
HXRB8			05:30:12 05:42:17 05:52:53			Qual=03			AR5528			H.Ang=60deg		
BCS			05:20 05:38 05:38			Qual=13			Tot Cts=1.05E+5			Flags=EN,DG		
FCS						Qual=2			FePeak.c/s=151			dt= 7.7s XEN=917003		
UVSP			05:45			Code=00			Rast=240"x240"			Step=15" Cad= 262s 1.024s/pixel		
Event # = 11565			SMM Pointing:			N21W57			Pitch=-49",Yaw=-81",Roll=-20deg			H.Ang=59deg		
89/06/19,06:39 Start			DOY=170 Peak											
GOES			End times											
HXRB8			06:38:33 06:39:57 06:41:48			Qual=00			MaxkeV=102			Step=0"		
UVSP			06:22			Qual=01			Rast=180"x1"			Pitch=+88",Yaw=-635"		
Event # = 11566			SMM Pointing:			N21W57			Pitch=-49",Yaw=-81",Roll=-20deg			H.Ang=59deg		
89/06/19,06:49 Start			DOY=170 Peak											
GOES			End times											
HXRB8			06:48:30 06:49:05 06:49:17			Qual=00			MaxkeV=144			Step=0"		
UVSP			06:22			Qual=01			Rast=180"x1"			Pitch=+88",Yaw=-635"		
Event # = 22976			SMM Pointing:			N21W57			Pitch=-49",Yaw=-81",Roll=-20deg			H.Ang=59deg		
89/06/19,07:10 Start			DOY=170 Peak											
GOES			End times											
BCS			07:10 07:10 07:26			Qual=00			FePeak.c/s=12			dt= 7.7s XEN=917004		
FCS						Qual=5			Rast=240"x240"			Step=15" Cad= 262s 1.024s/pixel		
UVSP			07:19			Qual=5			Rast=180"x1"			Step=0" Pitch=+90",Yaw=-639"		
Event # = 22977			SMM Pointing:			N21W57			Pitch=-49",Yaw=-81",Roll=-20deg			H.Ang=59deg		
89/06/19,08:05 Start			DOY=170 Peak											
GOES			End times											
BCS			08:04 08:05 08:11			Qual=00			FePeak.c/s=9			dt= 7.7s XEN=917005		
FCS						Qual=4			Rast=0"x0"			Step=0" Cad=1.02s 1.024s/pixel		
UVSP			07:54			Qual=4			Rast=180"x1"			Step=0" Pitch=+91",Yaw=-642"		
Event # = 22978			SMM Pointing:			N21W57			Pitch=-49",Yaw=-81",Roll=-20deg			H.Ang=59deg		
89/06/19,08:33 Start			DOY=170 Peak											
GOES			End times											
BCS			08:33 08:33 08:36			Qual=00			FePeak.c/s=6			dt= 7.7s XEN=917006		
FCS						Qual=4			Rast=0"x0"			Step=0" Cad=1.02s 1.024s/pixel		
UVSP			08:50			Qual=4			Rast=180"x1"			Step=0" Pitch=+92",Yaw=-646"		
Radio Sweeps									Type/Intensity: V/3					

Event # = 22979		DOY=170		End times		H. Ang=61deg	
89/06/19,08:54	Start	Peak					
Optical							
GOES							
BGS	08:44	08:54	08:58	08:55	FePeak=08:55	#Peaks=1	dt= 3.8s
FCS						Step=0"	Cad=1.02s
UVSP	08:50				Exp #=90882	Step=0"	Pitch=+92" ,Yaw=-646"
Event # = 22980		DOY=170		End times		H. Ang=917008	
89/06/19,11:34	Start	Peak					
GOES							
BGS	11:09	11:34	12:04	11:12	FePeak=11:12	#Peaks=1	dt= 3.8s
FCS						Step=15"	Cad= 262s
UVSP	11:24				Exp #=90886	Step=3"	Pitch=-32" ,Yaw=-827"
Event # = 22981		DOY=170		End times		H. Ang=917009	
89/06/19,12:25	Start	Peak					
GOES							
BGS	12:10	12:25	12:37	12:49	FePeak=12:49	#Peaks=1	dt= 7.7s
FCS	12:41	12:42	12:52			Step=0"	Cad=1.02s
UVSP	12:45				Exp #=90887	Step=5"	Pitch=-30" ,Yaw=-832"
Event # = 22982		DOY=170		End times		H. Ang=917010	
89/06/19,14:31	Start	Peak					
GOES							
BGS	14:29	14:31	14:33	14:30	FePeak=14:30	#Peaks=1	dt= 7.7s
FCS						Step=0"	Cad=1.02s
UVSP	14:20				Exp #=90896	Step=5"	Pitch=+34" ,Yaw=-890"
Event # = 11567		DOY=170		End times		H. Ang=63deg	
89/06/19,14:35	Start	Peak					
Optical							
GOES							
HXRBS	14:35:34	14:35:51	14:36:15				
UVSP	14:20						
Radio Sweeps							
Radio Frequency(MHz)/Flux(stu)							
Event # = 22983		DOY=170		End times		H. Ang=70deg	
89/06/19,16:04	Start	Peak					
Optical							
GOES							
BGS	16:03	16:04	16:08	16:04	FePeak=16:04	#Peaks=1	dt= 7.7s
FCS						Step=0"	Cad=1.02s
UVSP	15:54				Exp #=90903	Step=5"	Pitch=+26" ,Yaw=-890"

Event # = 11573
 89/06/19, 23:39 DOY=170 Peak
 Start Peak
 Optical
 G0ES 23:39:04 23:39:18 23:39:28
 HXRBS 23:37
 UVSP Frequency(MHz)/Flux(sfu):
 Radio 410/160
 SMM Pointing:
 Ha...Class=SF
 Peak...c/s=51
 Wavelength=1375A
 N21W67
 S23W37
 Qual=00
 Qual=01
 Tot Cts=151
 Exp #=90940
 Mac.=FKI
 Carr. Lon.=62deg
 MaxkeV=102
 Rast=110"x200" Step=5" Pitch=+45", Yaw=-896"
 H.Ang=68deg
 H.Ang=44deg

Event # = 11574
 89/06/19, 23:40 DOY=170 Peak
 Start Peak
 Optical
 G0ES 23:40:00 23:40:04 23:40:14
 HXRBS 23:37
 UVSP Frequency(MHz)/Flux(sfu):
 Radio 410/160
 SMM Pointing:
 Ha...Class=SF
 Peak...c/s=46
 Wavelength=1375A
 N21W67
 S23W37
 Qual=00
 Qual=01
 Tot Cts=78
 Exp #=90940
 Mac.=FKI
 Carr. Lon.=62deg
 MaxkeV=102
 Rast=110"x200" Step=5" Pitch=+45", Yaw=-896"
 H.Ang=68deg
 H.Ang=44deg

Event # = 22986
 89/06/20, 01:49 DOY=171
 Start Peak
 G0ES 01:47 01:49 01:55
 BCS
 FCS
 UVSP 01:53
 Wavelength=2788A
 CaPeak.c/s=46
 FePeak=01:48
 Exp #=90953
 N21W69
 Qual=00
 Qual=1
 dt= 3.8s XEM=917100
 Cad= 332s 1.024s/pixel
 Step=10" Pitch=+107", Yaw=-703"
 Step=0" Pitch=+107", Yaw=-703"
 SMM Pointing:
 Ha...Class=SF
 Peak...c/s=63
 Wavelength=2788A
 III/2
 Associated Event # = 11575
 Qual=01 Tot Cts=180
 Pitch=-29", Yaw=-887", Roll=-20deg H.Ang=70deg
 MaxkeV=102
 Rast=180"x1" Step=0" Pitch=+107", Yaw=-705"
 FePeak.c/s=13 #Peaks=1 dt= 3.8s XEM=917100
 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel
 Rast=180"x1" Step=0" Pitch=+107", Yaw=-703"

Event # = 22987
 89/06/20, 03:03 DOY=171
 Start Peak
 Optical
 G0ES 03:03 03:03 03:06
 BCS
 FCS
 UVSP 03:22
 Wavelength=2788A
 CaPeak.c/s=27
 FePeak=03:03
 Exp #=90955
 N19W64
 Qual=00
 Qual=4
 dt= 7.7s XEM=917101
 Cad= 332s 1.024s/pixel
 Step=10" Pitch=+108", Yaw=-707"
 Step=0" Pitch=+108", Yaw=-707"
 SMM Pointing:
 Ha...Class=SF
 Peak...c/s=46
 CaPeak.c/s=20
 Wavelength=2788A
 N21W69
 Qual=00
 Qual=01
 Qual=4
 Tot Cts=107
 FePeak=04:23
 Exp #=90956
 Mac.=FKC
 Carr. Lon.=87deg H.Ang=65deg
 FePeak.c/s=8 #Peaks=1 dt= 7.7s XEM=917101
 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel
 Rast=180"x1" Step=0" Pitch=+108", Yaw=-707"

Event # = 11584
 89/06/20, 04:23 DOY=171
 Start Peak
 G0ES 04:22:19 04:22:34 04:22:42
 HXRBS 04:23 04:23 04:25
 BCS
 FCS
 UVSP 03:59
 Wavelength=2788A
 CaPeak.c/s=46
 FePeak=04:23
 Exp #=90956
 N21W69
 Qual=00
 Qual=01
 Qual=4
 Tot Cts=107
 FePeak=04:23
 Exp #=90956
 Mac.=FKC
 Carr. Lon.=87deg H.Ang=65deg
 FePeak.c/s=8 #Peaks=1 dt= 7.7s XEM=917101
 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel
 Rast=180"x1" Step=0" Pitch=+108", Yaw=-707"

Event # = 11585									
89/06/20	04:37	DOY=171	Peak	SMM Pointing:	N21W69	Pitch=-29",	Yaw=-887",	Roll=-20deg	H. Ang=70deg
	Start		End times						
GOES	04:37:49	04:37:54	04:38:28	Peak...c/s=47	Qual=00	MaxkeV=102			
HXRBS				Wavelength=2788A	Qual=01	Rast=180"x1"	Step=0"	Pitch=+109",	Yaw=-711"
UVSP	04:54					Tot Cts=190			
						Exp #=90957			
Event # = 11577									
89/06/20	09:14	DOY=171	Peak	SMM Pointing:	N21W73	Pitch=-23",	Yaw=-907",	Roll=-20deg	H. Ang=74deg
	Start		End times						
GOES	09:09:26	09:10:17	09:13:55	Peak...c/s=376	Qual=00	MaxkeV=187			
HXRBS				CaPeak.c/s=91	Qual=01	FePeak.c/s=19	#Peaks=1	dt= 3.8s	XEN=917103
BCS	09:10	09:14	09:40		Qual= 1	Rast=180"x180"	Step=10"	Cad= 332s	XEN=917103
FCS							Step=0"	Pitch=+112",	Yaw=-723"
UVSP	09:33			Wavelength=2788A		Tot Cts=23887			
						FePeak.c/s=12			
						Exp #=90963			
Event # = 11578									
89/06/20	09:25	DOY=171	Peak	SMM Pointing:	N21W73	Pitch=-23",	Yaw=-907",	Roll=-20deg	H. Ang=74deg
	Start		End times						
GOES	09:25:07	09:25:14	09:25:22	Peak...c/s=68	Qual=00	MaxkeV=102			
HXRBS				Wavelength=2788A	Qual=01	Rast=180"x1"	Step=0"	Pitch=+112",	Yaw=-723"
UVSP	09:33					Tot Cts=186			
						Exp #=90963			
Event # = 11579									
89/06/20	09:36	DOY=171	Peak	SMM Pointing:	N21W73	Pitch=-23",	Yaw=-907",	Roll=-20deg	H. Ang=74deg
	Start		End times						
GOES	09:36:35	09:36:42	09:36:49	Peak...c/s=54	Qual=00	MaxkeV=102			
HXRBS				Wavelength=2788A	Qual=01	Rast=180"x1"	Step=0"	Pitch=+112",	Yaw=-723"
UVSP	09:33					Tot Cts=120			
						Exp #=90963			
Event # = 11580									
89/06/20	12:38	DOY=171	Peak	SMM Pointing:	N21W73	Pitch=-23",	Yaw=-907",	Roll=-20deg	H. Ang=74deg
	Start		End times						
GOES	12:35:25	12:35:27	12:35:47	Peak...c/s=47	Qual=00	MaxkeV=102			
HXRBS				CaPeak.c/s=28	Qual=01	FePeak.c/s=15	#Peaks=1	dt= 7.7s	XEN=917104
BCS	12:37	12:38	12:41		Qual= 4	Rast=240"x240"	Step=10"	Cad= 590s	XEN=917104
FCS							Step=3"	Pitch=-14",	Yaw=-900"
UVSP	11:55			Wavelength=2788A		Tot Cts=150			
						FePeak.c/s=12:37			
						Exp #=90966			
Event # = 22988									
89/06/20	13:36	DOY=171	Peak	SMM Pointing:	N21W73	Pitch=-23",	Yaw=-907",	Roll=-20deg	H. Ang=74deg
	Start		End times						
GOES	13:35	13:36	13:40	CaPeak.c/s=22	Qual=00	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=917105
BCS					Qual= 4	Rast=240"x240"	Step=15"	Cad= 262s	XEN=917105
FCS							Step=5"	Pitch=+44",	Yaw=-945"
UVSP	13:30			Wavelength=1375A		Tot Cts=13:35			
						Exp #=90969			

Event # = 11581
 89/06/20,15:08 DOY=171 Peak H.Ang=76deg
 Start End times
 Optical N21W75
 Ha...Class=SB AR5528
 Importance=X2 Qual=03 Carr. Lon.=84deg
 HXRBS 14:48 17:20 MaxkeV=419 Flags=M5,SN,ES
 GRS 14:54:28 15:22:11 Tot Cts=3.96E+5
 BCS 14:55:00 14:57:00 CaPeak.c/s=6117 Qual=1 FePeak.c/s=2771 #Peaks=1 dt= 7.7s Dur=120sec
 FCS 14:56 15:21 WaveLength=1375A Code=00 Exp #=90976 Rast=180"x180" Cad= 332s XEN=917106
 UVSP 15:03 Type/Intensity: 111/2 IV/2 CaPeak.c/s=303 Qual=5 FePeak.c/s=11 #Peaks=1 dt= 7.7s XEN=917107
 Radio Sweeps 245/2900 410/48 606/95 1415/540 2695/560 8800/320 15400/170 Rast=180"x180" Cad= 332s XEN=917107
 Radio Frequency (MHz)/Flux(sfu): Associated Event # = 22989 Rast=265"x265" Pitch=-853",Yaw=+345"
 BCS 16:28 16:57 16:57 CaPeak.c/s=303 Qual=5 FePeak=16:35 Exp #=90977
 FCS 16:32 WaveLength=1375A
 UVSP 16:32

Event # = 22990
 89/06/20,18:02 DOY=171 Peak
 Start End times
 GOES 18:00 18:32 FePeak=18:03
 BCS 18:00 18:32 FePeak=18:03
 FCS 18:04 FePeak=18:03
 UVSP 18:04 FePeak=18:03
 dt= 3.8s XEN=917108
 Cad= 332s XEN=917109
 Pitch=-11",Yaw=-912"

Event # = 22991
 89/06/20,21:17 DOY=171 Peak
 Start End times
 GOES 21:14 21:25 FePeak=21:17
 BCS 21:14 21:25 FePeak=21:17
 FCS 21:13 FePeak=21:17
 UVSP 21:13 FePeak=21:17
 dt= 7.7s XEN=917109
 Cad= 262s XEN=917109
 Pitch=-62",Yaw=-945"

Event # = 22992
 89/06/20,21:50 DOY=171 Peak
 Start End times
 GOES 21:35 21:50 FePeak=21:50
 BCS 21:35 21:50 FePeak=21:50
 FCS 21:48 FePeak=21:50
 UVSP 21:48 FePeak=21:50
 dt= 7.7s XEN=917110
 Cad= 332s XEN=917110
 Pitch=-48",Yaw=-945"

Event # = 22993
 89/06/20,22:14 DOY=171 Peak
 Start End times
 Optical N18W81
 Code=LPS N19W81
 Importance=M9 Qual=05
 CaPeak.c/s=1741 Qual=5 FePeak=22:39
 BCS 21:53 23:50 WaveLength=1375A Code=01 Exp #=91004
 FCS 22:38 23:28
 UVSP 22:07
 Carr. Lon.=93deg
 H.Ang=81deg
 #Peaks=1 dt= 3.8s XEN=917111
 Step=10" Cad= 332s XEN=917111
 Step=5" Pitch=-88",Yaw=-946"

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
 Carr.Lon.=310deg H.Ang=63deg
 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

Event # = 11582
 89/06/21,03:18 DOY=172
 Start Peak End times
 SMM Pointing: N21W87 H.Ang=87deg
 GOES 03:22:23 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
 UVSP 03:09 WaveLength=2788A
 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=IN 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
 UVSP 04:41 WaveLength=2788A Code=00 Exp #=91024
 Radio Type/Intensity: III/3 V/2
 Radio Frequency(MHz)/Flux(sfu): 410/21 2695/23 4995/50 8800/48

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
 Carr.Lon.=300deg
 MaxkeV=102
 Rast=180"x1" Step=0" Pitch=+118" ,Yaw=-759"

Event # = 22996	89/06/21,09:59	DOY=172	Peak																				
Start																							
GOES	09:59	10:02	10:02	CaPeak.c/s=20	WaveLength=2788A	Qual=00	Qual=4	FePeak=09:59	Exp #=91031	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=917204										
BCS										Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel										
FCS										Rast=180"x1"	Step=0"	Pitch=+118"	Yaw=-759"										
UVSP	10:14																						
Event # = 11587	89/06/21,11:44	DOY=172	Peak																				
Start																							
Optical				Ha...Class=SN		N27E60	AR5555			Mac.=CSO	Carr. Lon.=305deg	H. Ang=63deg											
Optical				Ha...Class=SF		S16E87	AR5556				Carr. Lon.=278deg	H. Ang=88deg											
GOES	11:28	11:44	14:00	Importance=M2		Qual=03	Tot Cts=16500			MaxkeV=144	Flags=1												
HXRBS	11:26:57	11:36:28	11:44:52	Peak...c/s=215		Qual=01	Exp #=91032			Rast=243"x243"	Step=3"	Pitch=-10"	Yaw=-931"										
UVSP	11:04			WaveLength=2788A		Code=00	8800/130	15400/100															
Radio				Frequency(MHz)/Flux(sfu):		4995/110	Event # = 22997																
BCS	12:32	12:32	12:49	CaPeak.c/s=105		Qual= 5	FePeak=12:33			FePeak.c/s=14	#Peaks=1	dt= 3.8s	XEN=917205										
FCS										Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel										
UVSP	12:35			WaveLength=1375A			Exp #=91033			Rast=265"x265"	Step=5"	Pitch=-10"	Yaw=-931"										
Event # = 11588	89/06/21,13:24	DOY=172	Peak																				
Start																							
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	89/06/21,14:10	DOY=172	Peak																				
Start																							
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				Peak...c/s=131		Qual=01	Exp #=91040			Rast=265"x265"													
UVSP	14:09			WaveLength=1375A																			
Event # = 11591	89/06/21,14:23	DOY=172	Peak																				
Start																							
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				Peak...c/s=41		Qual=01	Exp #=91041			Rast=110"x200"													
UVSP	14:11			WaveLength=1375A																			
Event # = 11592	89/06/21,16:03	DOY=172	Peak																				
Start																							
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				Peak...c/s=46		Qual=01	Exp #=91050			Rast=110"x200"													
UVSP	16:01			WaveLength=1375A																			

Event # = 11593		DOY=172		SMM Pointing:		Pitch=-17",Yaw=-974",Roll=-20deg	
89/06/21	17:25	Peak					
Optical	End times		Ha...Class=IN		Mac.=CSO		Carr.Lon.=302deg
GOES	17:16	18:16	Importance=M3		AR5555	H.Ang=62deg	
HXRBS	17:15:54	17:22:33	17:28:46	Peak...c/s=103	MaxkeV=102		
UVSP	17:17			Wavelength=1375A	Exp #=91056	Rast=110"x200" Step=5" Pitch=-58",Yaw=-989"	
Event # = 11594		DOY=172		SMM Pointing:		Pitch=-17",Yaw=-974",Roll=-20deg	
89/06/21	18:52	Peak					
Optical	End times		Ha...Class=SN		Mac.=CSO		Carr.Lon.=302deg
GOES	18:48	19:04	Importance=M1		AR5555	H.Ang=62deg	
HXRBS	18:48:29	18:49:04	18:51:46	Peak...c/s=77	MaxkeV=102		
UVSP	18:49			Wavelength=1375A	Exp #=91064	Rast=110"x200" Step=5" Pitch=-53",Yaw=-989"	
Event # = 11595		DOY=172		SMM Pointing:		Pitch=-17",Yaw=-974",Roll=-20deg	
89/06/21	20:42	Peak					
GOES	20:42:22	20:42:57	20:43:04	Peak...c/s=54	MaxkeV=102		
HXRBS	20:42			Wavelength=1375A	Exp #=91074	Rast=110"x200" Step=5" Pitch=-48",Yaw=-989"	
UVSP	20:39						
Event # = 11596		DOY=172		SMM Pointing:		Pitch=-17",Yaw=-974",Roll=-20deg	
89/06/21	21:00	Peak					
Optical	End times		Ha...Class=SN		Mac.=CSO		Carr.Lon.=301deg
GOES	20:56	21:00	21:04	Importance=C7	AR5555	H.Ang=62deg	
HXRBS	20:56:12	20:56:53	20:56:58	Peak...c/s=62	MaxkeV=102		
UVSP	20:57			Wavelength=1375A	Exp #=91076	Rast=110"x200" Step=5" Pitch=-73",Yaw=-989"	
Event # = 22998		DOY=172		SMM Pointing:		Pitch=-17",Yaw=-974",Roll=-20deg	
89/06/21	21:48	Peak					
GOES	21:48	21:48	21:53	CaPeak.c/s=19	FePeak.c/s=7		#Peaks=1 dt= 7.7s XEN=917206
BCS	21:48			Wavelength=1375A	Exp #=91079	Rast=0"x0" Cad=3840s 3840s/pixel	
FCS	21:48					Step=0" Pitch=-10",Yaw=-961"	
UVSP	21:52						
Event # = 12567		DOY=172		SMM Pointing:		Pitch=-17",Yaw=-974",Roll=-20deg	
89/06/21	22:04	Peak					
GOES	22:04:16	22:04:22	22:04:29	Peak...c/s=80	MaxkeV=144		Flags=1
HXRBS	22:04			Wavelength=1375A	Exp #=91080	Rast=110"x200" Step=5" Pitch=-48",Yaw=-989"	
UVSP	21:54						
Event # = 11598		DOY=172		SMM Pointing:		Pitch=-17",Yaw=-974",Roll=-20deg	
89/06/21	23:28	Peak					
GOES	23:28:26	23:28:42	23:28:44	Peak...c/s=48	MaxkeV=102		Step=5" Pitch=-48",Yaw=-989"
HXRBS	23:28			Wavelength=1375A	Exp #=91088	Rast=110"x200" Step=5" Pitch=-48",Yaw=-989"	
UVSP	23:28						

Event # = 11597		DOY=172		End times			
89/06/21	23:47	Peak					
GOES		23:47:01 23:47:14 23:47:28		Qual=00		MaxkeV=102	
HXRBS		Peak...c/s=48		Qual=01		Rast=110"x200"	
UVSP		Wavelength=1375A		Tot Cts=168		Pitch=-68", Yaw=-989"	
				Exp #=91090		Step=5"	
89/06/22 DOY=173							
Event # = 11599		DOY=173		End times			
89/06/22	01:33	Peak					
GOES		01:33:08 01:33:59 01:34:26		Qual=03		MaxkeV=102	
HXRBS		Peak...c/s=54		Qual=01		Rast=265"x265"	
UVSP		Wavelength=1375A		Tot Cts=323		Pitch=-10", Yaw=-961"	
				Exp #=91099		Step=5"	
89/06/22 DOY=173							
Event # = 11600		DOY=173		End times			
89/06/22	02:55	Peak					
GOES		02:55:55 02:56:03 02:56:17		Qual=00		MaxkeV=102	
HXRBS		Peak...c/s=58		Qual=01		Rast=110"x200"	
UVSP		Wavelength=1375A		Tot Cts=244		Pitch=+43", Yaw=-989"	
				Exp #=91106		Step=5"	
89/06/22 DOY=173							
Event # = 11601		DOY=173		End times			
89/06/22	07:06	Peak					
Optical		07:06:09 07:06:17 07:06:40		N26E50		Mac.=DKI	
GOES		Ha...Class=SF		Qual=00		Carr. Lon.=304deg	
HXRBS		Peak...c/s=47		Qual=01		H. Ang=54deg	
UVSP		Wavelength=2788A		Tot Cts=115		Step=0"	
				Exp #=91121		Pitch=+118", Yaw=-789"	
89/06/22 DOY=173							
Event # = 11602		DOY=173		End times			
89/06/22	07:15	Peak					
Optical		07:15:28 07:15:32 07:15:40		N16E77		Mac.=HSX	
GOES		Ha...Class=SF		Qual=00		Carr. Lon.=277deg	
HXRBS		Peak...c/s=86		Qual=01		H. Ang=77deg	
UVSP		Wavelength=2788A		Tot Cts=123		Step=0"	
				Exp #=91121		Pitch=+118", Yaw=-789"	
89/06/22 DOY=173							
Event # = 11603		DOY=173		End times			
89/06/22	09:12	Peak					
Optical		09:12:09 09:12:17 09:12:25		S16E36		Mac.=FKI	
GOES		Ha...Class=SF		Qual=01		Carr. Lon.=317deg	
HXRBS		Importance=C4		Qual=01		H. Ang=40deg	
UVSP		Peak...c/s=50		Qual=02		Step=0"	
		Wavelength=2788A		Code=01		Pitch=+118", Yaw=-789"	
		Radio Frequency(MHz)/Flux(sfu):		245/120 606/46 1415/26			
89/06/22 DOY=173							
Event # = 11604		DOY=173		End times			
89/06/22	14:07	Peak					
Optical		14:07:14 14:07:25 14:07:29		N25E46		Mac.=DKI	
GOES		Peak...c/s=53		Qual=00		Carr. Lon.=304deg	
HXRBS		Wavelength=2788A		Qual=01		H. Ang=50deg	
UVSP				Tot Cts=101		Step=0"	
				Exp #=91130		Pitch=+118", Yaw=-789"	

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" FePeak.c/s=9
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
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
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
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 Frequency (MHz)/Flux(sfu):
Type/Intensity:
III/3
Wave length=1375A Code=00
Exp #=91170
Mac.=DKI Carr. Lon.=305deg H. Ang=45deg
MaxkeV=187
Rast=110" x200" Step=5" Pitch=-88", Yaw=-989"

Event # = 11609
89/06/23, 01:02 DOY=174
Start Peak
End times

Optical
Optical
GOES 00:37 01:02
HXRBS 00:37:54 00:38:03 00:38:22
UVSP 01:00

Ha...Class-SF
Ha...Class-SF
Importance=C4
Peak...c/s=48
Wavelength=1375A
Code=00

S16E72
N28E41
Qual=03
Qual=01
Code=00

AR5563
AR5555
Tot Cts=120
Exp #=91175

Mac.=BX0
MaxkeV=102
Rast=265" x265" Step=5" Pitch=-10", Yaw=-961"

Carr. Lon.=272deg
Carr. Lon.=303deg
H. Ang=73deg
H. Ang=47deg

Event # = 11610
89/06/23, 01:35 DOY=174
Start Peak
End times

Optical
GOES
HXRBS 01:34:50 01:35:07 01:35:56
UVSP 01:39
Radio Frequency(MHz)/Flux(sfu):

SMM Pointing:
Ha...Class-SF
Peak...c/s=59
Wavelength=1375A
245/45 410/90 606/190 1415/3 2695/17 4995/29 8800/46 15400/46

S19E34
N22E71
Qual=01
Qual=01

AR5565
Tot Cts=910
Exp #=91177

Pitch=+140", Yaw=+586", Roll=-20deg
Carr. Lon.=273deg
H. Ang=72deg

Pitch=+147", Yaw=+598"
Step=5" Pitch=+147", Yaw=+598"
Rast=265" x265" Step=5" Pitch=+147", Yaw=+598"
Rast=180" x1" Step=0" Pitch=+25", Yaw=+500"

Pitch=+144", Yaw=+576", Roll=-20deg
H. Ang=39deg

Event # = 11611
89/06/23, 03:32 DOY=174
Start Peak
End times

GOES 03:26 03:32
HXRBS 03:27:10 03:27:49 03:28:57
UVSP 03:54
Radio Sweeps
Type/Intensity:

SMM Pointing:
Importance=C4
Peak...c/s=54
Wavelength=2788A
III/2

S19E33
Qual=01
Qual=01

Tot Cts=1003
Exp #=91185

MaxkeV=102
Rast=180" x1" Step=0" Pitch=+25", Yaw=+500"

Pitch=+144", Yaw=+576", Roll=-20deg
H. Ang=39deg

Event # = 11612
89/06/23, 03:46 DOY=174
Start Peak
End times

GOES 03:45:52 03:46:07 03:46:20
HXRBS
UVSP 03:54

SMM Pointing:
Peak...c/s=51
Wavelength=2788A

S19E33
Qual=00
Qual=01

Tot Cts=120
Exp #=91185

MaxkeV=102
Rast=180" x1" Step=0" Pitch=+25", Yaw=+500"

Pitch=+144", Yaw=+576", Roll=-20deg
H. Ang=39deg

Event # = 11613
89/06/23, 03:51 DOY=174
Start Peak
End times

GOES 03:51:23 03:51:33 03:51:48
HXRBS
UVSP 03:54

SMM Pointing:
Peak...c/s=73
Wavelength=2788A

S19E33
Qual=00
Qual=01

Tot Cts=370
Exp #=91185

MaxkeV=144
Rast=180" x1" Step=0" Pitch=+25", Yaw=+500"

Pitch=+144", Yaw=+576", Roll=-20deg
H. Ang=39deg

Event # = 11614
89/06/23, 04:59 DOY=174
Start Peak
End times

GOES 04:56:31 04:56:52 04:58:15
HXRBS 04:58 04:59 05:06
BCS
FCS
UVSP 04:33
Radio Sweeps
Radio Frequency(MHz)/Flux(sfu):

SMM Pointing:
Peak...c/s=179
CaPeak.c/s=37
Wavelength=2788A
III/2
245/950 410/130 606/98 1415/39 2695/40 4995/20

S19E32
Qual=01
Qual=01
Qual=1

Tot Cts=2376
FePeak=04:59
Exp #=91186

MaxkeV=144
FePeak.c/s=9
Rast=300" x300" Step=20" Pitch=+27", Yaw=+496"
Rast=180" x1" Step=0" Pitch=+27", Yaw=+496"

Pitch=+148", Yaw=+565", Roll=-20deg
H. Ang=38deg

dt= 7.7s XEN=917400
#Peaks=1 Cad= 230s
Step=20" Step=0" Pitch=+27", Yaw=+496"

Event # = 11618			
89/06/23, 23:59		DOY=174	
Start	End times	SMM Pointing:	
Optical		N27E29	Pitch=+406", Yaw=+401", Roll=90deg
Optical		Ha...Class=SF	
Optical		S20W32	
GUES		S15E16	Mac.=HSX
HXRBS	23:55	Importance=C2	Carr.Lon.=4deg
UVSP	23:56:34	Qual=01	Carr.Lon.=316deg
	23:57:50	Peak...c/s=103	
		Wavelength=1375A	Code=00
		Tot Cts=1247	Step=5
		Exp #=91246	Rast=30"x30"
			Pitch=+445", Yaw=+428"
89/06/24 DOY=175			
Event # = 23004			
89/06/24, 00:53		DOY=175	
Start		Peak	
Optical		S18W38	
GUES	00:50	Qual=01	Mac.=HSX
BCS	00:53	Importance=C2	Carr.Lon.=9deg
FCS	00:44	CaPeak.c/s=31	
UVSP	00:52	Wavelength=1375A	Code=00
		FePeak=00:45	#Peaks=1
		Exp #=91249	dt= 7.7s
			XEN=917500
			Rast=1.02s
			1.024s/pixel
			Pitch=-524", Yaw=+259"
89/06/24, 03:26 DOY=175			
Event # = 23005			
89/06/24, 03:26		DOY=175	
Start		Peak	
Optical		N26E29	
GUES	03:18	Qual=05	Mac.=EKI
BCS	03:48	Importance=M2	Carr.Lon.=301deg
FCS	03:48	CaPeak.c/s=36	
UVSP	03:42	Wavelength=2788A	Code=00
		FePeak=03:49	#Peaks=1
		Exp #=91258	dt= 7.7s
			XEN=917502
			Rast=1.02s
			1.024s/pixel
			Pitch=-371", Yaw=+144"
89/06/24, 12:29 DOY=175			
Event # = 23006			
89/06/24, 12:29		DOY=175	
Start		Peak	
Optical		N27E24	
GUES	12:25	Qual=03	Mac.=EKI
BCS	12:19	Importance=C3	Carr.Lon.=300deg
FCS	12:27	CaPeak.c/s=115	
UVSP	11:45	Wavelength=2788A	Code=00
		FePeak=12:27	#Peaks=2
		Exp #=91269	dt= 3.8s
			XEN=917503
			Rast=240"x240"
			Cad= 590s
			1.024s/pixel
			Pitch=-478", Yaw=+173"
89/06/24, 13:57 DOY=175			
Event # = 23007			
89/06/24, 13:57		DOY=175	
Start		Peak	
Optical		N27E24	
GUES	13:49	Qual=04	Mac.=EKI
BCS	13:56	Importance=C4	Carr.Lon.=302deg
FCS	13:57	CaPeak.c/s=189	
UVSP	13:46	Wavelength=1375A	Code=00
		FePeak=13:57	#Peaks=1
		Exp #=91276	dt= 3.8s
			XEN=917504
			Rast=240"x240"
			Cad= 262s
			1.024s/pixel
			Pitch=-511", Yaw=+182"
89/06/24, 16:06 DOY=175			
Event # = 23008			
89/06/24, 16:06		DOY=175	
Start		Peak	
Optical		N25E21	
GUES	16:00	Qual=05	Mac.=EKI
BCS	16:09	Importance=C8	Carr.Lon.=302deg
FCS	16:09	CaPeak.c/s=93	
UVSP	16:13	Wavelength=1375A	Code=02
		FePeak=16:09	#Peaks=1
		Exp #=91284	dt= 3.8s
			XEN=917505
			Rast=1.02s
			1.024s/pixel
			Pitch=-465", Yaw=+143"

Event # = 23009		DOY=175																					
89/06/24,16:29	Start	16:29	Peak	16:31	End times	CaPeak.c/s=20	Wave length=1375A	Qual=00	Qual=4	FePeak=16:28	Exp #=91286	FePeak.c/s=6	Rast=240"x240"	Rast=30"x30"	#Peaks=1	Step=15"	Step=5"	dt= 7.7s	XEN=917506	Cad= 262s	1.024s/pixel	Pitch=-462",Yaw=+116"	
GOES																							
BCS																							
FCS																							
UVSP																							
Event # = 23010		DOY=175																					
89/06/24,21:20	Start	21:20	Peak	21:29	End times	CaPeak.c/s=59	Wave length=1375A	Qual=01	Qual=1	FePeak=21:19	Exp #=91309	FePeak.c/s=12	Rast=240"x240"	Rast=30"x30"	#Peaks=1	Step=15"	Step=5"	dt= 3.8s	XEN=917507	Cad= 262s	1.024s/pixel	Pitch=-499",Yaw=+152"	
GOES																							
BCS																							
FCS																							
UVSP																							
Event # = 11619		DOY=175																					
89/06/24,22:25	Start	22:25	Peak	22:31	End times	Ha...Class=SF	SMM Pointing: N27E16	N27E16															
Optical																							
GOES																							
HXRBS																							
BCS																							
FCS																							
UVSP																							
Event # = 11620		DOY=176																					
89/06/25,03:52	Start	03:52	Peak	03:57	End times	Ha...Class=SN	SMM Pointing: N27E14	N27E14															
Optical																							
GOES																							
HXRBS																							
BCS																							
FCS																							
UVSP																							
Event # = 23011		DOY=176																					
89/06/25,08:20	Start	08:20	Peak	08:25	End times	Ha...Class=SF	SMM Pointing: N27E10	N27E10															
Optical																							
GOES																							
BCS																							
FCS																							
UVSP																							
Event # = 23012		DOY=176																					
89/06/25,08:41	Start	08:41	Peak	08:49	End times	Ha...Class=SF	SMM Pointing: N28E09	N28E09															
Optical																							
GOES																							
BCS																							
FCS																							
UVSP																							

Event # = 11621
 89/06/25,09:45 Start DOY=176 Peak
 SMM Pointing: N27E11
 Ha...Class=SF
 Importance=C2
 Peak...c/s=61
 CaPeak.c/s=50
 Wavelength=1375A
 Code=00
 Exp #=91341
 09:42 09:45 09:47 09:43:30 09:43:50 09:47
 GUES 09:42 09:45 09:47 09:43:30 09:43:50 09:47
 HXRBS 09:43:19 09:43:30 09:43:50
 BCS 09:44 09:45 09:47
 FCS
 UVSP 09:16
 Pitch=-427",Yaw=+10",Roll=-20deg
 Mac.=EKI Carr.Lon.=302deg
 H.Ang=27deg
 H.Ang=28deg
 MaxkeV=102 #Peaks=1 dt= 3.8s XEN=917603
 FePeak.c/s=18 Step=0" Cad=1.02s
 Rast=0"x0" Step=5" Pitch=-467",Yaw=+60"
 Rast=70"x70"

Event # = 11622
 89/06/25,10:41 Start DOY=176 Peak
 SMM Pointing: N27E10
 Ha...Class=SF
 Importance=C1
 Peak...c/s=67
 CaPeak.c/s=25
 Wavelength=1375A
 Code=02
 Exp #=91342
 10:38 10:41 10:42 10:39:15 10:39:25 10:40:19 10:40:50
 GUES 10:38 10:41 10:42 10:39:15 10:39:25 10:40:19 10:40:50
 HXRBS 10:39:15 10:39:25 10:40:19
 BCS 10:42 10:46
 FCS
 UVSP 10:45
 Pitch=-422",Yaw=-1",Roll=-20deg
 H.Ang=27deg
 MaxkeV=102 #Peaks=2 dt= 7.7s XEN=917604
 FePeak.c/s=11 Step=0" Cad=1.02s
 Rast=0"x0" Step=5" Pitch=-415",Yaw=+12"
 Rast=265"x265"

89/06/26 DOY=177
 Event # = 12774
 89/06/26,03:52 Start DOY=177 Peak
 SMM Pointing: N27E01
 Ha...Class=SF
 Importance=C3
 Peak...c/s=117
 CaPeak.c/s=51
 Wavelength=2788A
 Code=01
 Exp #=91409
 03:52:15 03:52:16 03:52:22 03:52:22
 HXRBS 03:52:15 03:52:16 03:52:22
 UVSP 03:28
 Pitch=-375",Yaw=-125",Roll=-20deg
 H.Ang=25deg
 MaxkeV=859 #Peaks=1 dt= 3.8s XEN=917700
 FePeak.c/s=13 Step=0" Cad=1.02s
 Rast=180"x1" Step=0" Pitch=-242",Yaw=-193"
 Rast=180"x1" Step=0" Pitch=-242",Yaw=-193"
 Flags=NS,GB

Event # = 11623
 89/06/26,04:00 Start DOY=177 Peak
 SMM Pointing: N27E01
 Ha...Class=SF
 Importance=C3
 Peak...c/s=117
 CaPeak.c/s=51
 Wavelength=2788A
 Code=01
 Exp #=91409
 04:00 04:00 04:02 04:03 03:58:18 03:58:27 04:02
 GUES 03:45 04:00 04:02 04:03 03:58:18 03:58:27 04:02
 HXRBS 03:58:03 03:58:18 03:58:27
 BCS 03:59 04:00
 FCS
 UVSP 03:28
 Pitch=-375",Yaw=-125",Roll=-20deg
 H.Ang=25deg
 Mac.=EKI Carr.Lon.=301deg
 H.Ang=24deg
 MaxkeV=102 #Peaks=1 dt= 3.8s XEN=917700
 FePeak.c/s=13 Step=0" Cad=1.02s
 Rast=180"x1" Step=0" Pitch=-242",Yaw=-193"
 Rast=180"x1" Step=0" Pitch=-242",Yaw=-193"

Event # = 23013
 89/06/26,04:23 Start DOY=177 Peak
 SMM Pointing: N27W02
 Ha...Class=SF
 Importance=C2
 Peak...c/s=61
 CaPeak.c/s=50
 Wavelength=1375A
 Code=01
 Exp #=91410
 04:23 04:23 04:24 04:24 04:24 04:24 04:24
 GUES 04:23 04:23 04:24 04:24 04:24 04:24 04:24
 HXRBS 04:23 04:23 04:24 04:24 04:24 04:24 04:24
 BCS 04:23 04:23 04:24 04:24 04:24 04:24 04:24
 FCS
 UVSP 04:32
 Pitch=-363",Yaw=-158",Roll=-20deg
 H.Ang=25deg
 Carr.Lon.=301deg
 H.Ang=27deg
 MaxkeV=102 #Peaks=1 dt= 7.7s XEN=917701
 FePeak.c/s=11 Step=0" Cad=262s
 Rast=240"x240" Step=15" Cad=262s
 Rast=180"x1" Step=0" Pitch=-239",Yaw=-201"
 Rast=180"x1" Step=0" Pitch=-239",Yaw=-201"

Event # = 11624
 89/06/26,08:49 Start DOY=177 Peak
 SMM Pointing: N27W02
 Ha...Class=SF
 Importance=C2
 Peak...c/s=61
 CaPeak.c/s=50
 Wavelength=1375A
 Code=01
 Exp #=91417
 08:49:44 08:49:55 08:50:14 08:50:14 08:50:14 08:50:14 08:50:14
 GUES 08:49:44 08:49:55 08:50:14 08:50:14 08:50:14 08:50:14 08:50:14
 HXRBS 08:49:44 08:49:55 08:50:14 08:50:14 08:50:14 08:50:14 08:50:14
 UVSP 08:31 08:31 08:31 08:31 08:31 08:31 08:31
 Radio Frequency(MHz)/Flux(sfu) :
 245/100
 Pitch=-363",Yaw=-158",Roll=-20deg
 H.Ang=25deg
 Carr.Lon.=301deg
 H.Ang=27deg
 MaxkeV=102 #Peaks=1 dt= 7.7s XEN=917701
 FePeak.c/s=11 Step=0" Cad=262s
 Rast=240"x240" Step=15" Cad=262s
 Rast=180"x1" Step=0" Pitch=-239",Yaw=-201"
 Rast=180"x1" Step=0" Pitch=-239",Yaw=-201"
 Tot Cts=213
 Exp #=91417

Event # = 23014		DOY=177																			
89/06/26,10:07	Peak	10:07	10:02	10:24	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				CaPeak.c/s=37								Step=5"	Cad=1.02s	1.024s/pixel					
BCS	Start	10:01																			
FCS	Start	10:01																			
UVSP	Start	09:55				Wavelength=1375A															
Event # = 11625		DOY=177																			
89/06/26,15:20	Peak	15:20	15:20	15:22	15:22	SMM Pointing:	N27W05	Qual=00	Tot Cts=681	Exp #=91436	Pitch=-345"	MaxkeV=144	Rast=30"x30"	Flags=SA							
GOES	Start	15:19:48				Peak...c/s=49								Step=5"	Pitch=-404"	Yaw=-162"					
HXRBS	Start	15:19:48				Wavelength=1375A															
UVSP	Start	15:08																			
Event # = 11626		DOY=177																			
89/06/26,21:10	Peak	21:10	21:08	21:14	21:10	SMM Pointing:	N27W08	Qual=03	Tot Cts=5062	Exp #=91462	Pitch=-328"	Mac.=DSO	Carr. Lon.=266deg								
Optical	Start	21:06				Ha...Class=2B								Step=5"	Pitch=-398"	Yaw=-185"					
GOES	Start	21:06				Importance=C9															
HXRBS	Start	21:06:39				Peak...c/s=129															
UVSP	Start	21:02				Wavelength=1375A															
Event # = 11627		DOY=178																			
89/06/27,00:12	Peak	00:12	00:09	00:17	00:10	SMM Pointing:	N27W10	Qual=01	Tot Cts=1019	Exp #=91476	Pitch=-320"	Mac.=DSO	Carr. Lon.=266deg								
Optical	Start	00:08				Ha...Class=SN								Step=0"	Pitch=-325"	Yaw=-228"					
GOES	Start	00:08				Importance=C6															
HXRBS	Start	00:08:53				Peak...c/s=66															
UVSP	Start	00:03				Wavelength=1375A															
Event # = 11628		DOY=178																			
89/06/27,13:40	Peak	13:40	13:38	13:52	13:38	SMM Pointing:	N18E17	Qual=04	Tot Cts=458	Exp #=91503	Pitch=-326"	Mac.=EKI	Carr. Lon.=298deg								
Optical	Start	13:35				Ha...Class=SF								Step=5"	Pitch=-322"	Yaw=+173"					
GOES	Start	13:35				Importance=C4															
HXRBS	Start	13:37:18				Peak...c/s=51															
UVSP	Start	13:39				Wavelength=1375A															
Event # = 23015		DOY=178																			
89/06/27,18:37	Peak	18:37	18:33	18:59	19:15	SMM Pointing:	N20E16	Qual=03	Tot Cts=18:32	Exp #=91530	Mac.=DSO	Carr. Lon.=266deg									
Optical	Start	18:17				Ha...Class=SN								Step=1	dt= 7.7s	XEN=917800					
GOES	Start	18:17				Importance=C5								Step=10"	Cad= 332s	1.024s/pixel					
BCS	Start	18:16				CaPeak.c/s=199								Step=0"	Pitch=-345"	Yaw=+128"					
FCS	Start	18:16																			
UVSP	Start	18:35				Wavelength=1375A															

Event # = 23016				
89/06/27, 20:04	DOY=178	End times		
Optical	Start			
GOES	20:04	20:06		
BCS	20:04	20:04	20:06	
FCS				
UVSP	19:52			
Ha...Class=SF				
CaPeak.c/s=32				
Wavelength=1375A				
N20E15				
Qual=00				
Qual=1				
FePeak=20:04				
Exp #=91537				
Mac.=DSO				
Carr.Lon.=266deg				
H.Ang=23deg				
#Peaks=1				
dt= 7.7s				
XEN=917801				
Rast=240"x240"				
Cad= 262s				
1.024s/pixel				
Pitch=-346", Yaw=+118"				
Step=5"				

Event # = 11630				
89/06/27, 21:56	DOY=178	End times		
Optical	Start			
GOES	21:55:50	21:56:01	21:56:17	
HXRBS	21:55:50	21:56:01	21:56:17	
UVSP	22:12			
Peak...c/s=162				
Wavelength=2788A				
606/660				
Associated				
Event # = 11629				
Qual=01				
Tot Cts=520				
MaxkeV=144				

89/06/28				
DOY=179				

Event # = 23017				
89/06/28, 05:40	DOY=179	End times		
Optical	Start			
GOES	05:37	05:48		
BCS	05:37	05:40	05:48	
FCS				
UVSP	04:53			
Ha...Class=SF				
CaPeak.c/s=25				
Wavelength=2788A				
N21E09				
Qual=00				
Qual=1				
FePeak=05:39				
Exp #=91553				
Mac.=DAI				
Carr.Lon.=267deg				
H.Ang=20deg				
#Peaks=1				
dt= 7.7s				
XEN=917900				
Rast=180"x180"				
Cad= 332s				
1.024s/pixel				
Pitch=-150", Yaw=-30"				
Step=0"				

Event # = 11631				
89/06/28, 06:41	DOY=179	End times		
Optical	Start			
GOES	06:41:00	06:41:13	06:41:34	
HXRBS	06:41:00	06:41:13	06:41:34	
UVSP	06:43			
Peak...c/s=51				
Wavelength=2788A				
245/40 410/200 606/110 1415/15 2695/11				
Associated				
Event # = 11629				
Qual=01				
Tot Cts=520				
MaxkeV=144				

89/06/28				
DOY=179				

Event # = 11633				
89/06/28, 11:57	DOY=179	End times		
Optical	Start			
GOES	11:57:39	11:57:43	11:58:06	
HXRBS	11:57:39	11:57:43	11:58:06	
BCS	11:57	11:57	12:04	
FCS				
UVSP	11:19			
Ha...Class=SF				
CaPeak.c/s=20				
Wavelength=1375A				
N18E05				
Qual=05				
Qual=01				
FePeak=11:57				
Exp #=91562				
Mac.=DAI				
Carr.Lon.=264deg				
H.Ang=16deg				
#Peaks=1				
dt= 7.7s				
XEN=917901				
Rast=180"x180"				
Cad= 332s				
1.024s/pixel				
Pitch=-306", Yaw=-95"				
Step=5"				

Event # = 11632				
89/06/28, 16:45	DOY=179	End times		
Optical	Start			
GOES	16:43:40	16:45:05	16:46:11	
HXRBS	16:43:40	16:45:05	16:46:11	
UVSP	16:44			
Ha...Class=SN				
Peak...c/s=47				
Wavelength=2788A				
N18E03				
Qual=05				
Qual=02				
FePeak=16:44				
Exp #=91568				
Mac.=EKI				
Carr.Lon.=298deg				
H.Ang=38deg				
#Peaks=1				
dt= 7.7s				
XEN=917901				
Rast=180"x180"				
Cad= 332s				
1.024s/pixel				
Pitch=-113", Yaw=-123"				
Step=0"				

Event # = 11634

89/06/28, 17:40 DOY=179 Peak

Optical SMM Pointing: N18E02 Pitch=-244", Yaw=-59", Roll=-20deg H.Ang=15deg

GOES Ha...Class=SF S19W43 Carr. Lon.=312deg H.Ang=47deg

HXRBS 17:37 17:40 17:43 17:39:05 MaxKeV=102

UVSP 17:37:50 17:38:38 17:39:05 Wave length=2788A Code=01 Rast=180"x1" Step=0" Pitch=-112", Yaw=-127"

UVSP 17:16 Exp #=91569

Event # = 11635

89/06/28, 17:48 DOY=179 Peak

Optical SMM Pointing: N18E02 Pitch=-244", Yaw=-59", Roll=-20deg H.Ang=15deg

GOES Ha...Class=SF N27W29 Carr. Lon.=298deg H.Ang=37deg

HXRBS 17:45 17:48 17:57 17:46:17 MaxKeV=102

UVSP 17:45:30 17:45:48 17:46:17 Wave length=2788A Code=01 Rast=180"x1" Step=0" Pitch=-109", Yaw=-135"

UVSP 18:16 Exp #=91570

Event # = 11636

89/06/28, 18:22 DOY=179 Peak

Optical SMM Pointing: N18E02 Pitch=-244", Yaw=-59", Roll=-20deg H.Ang=15deg

GOES Ha...Class=SN N20E03 Carr. Lon.=266deg H.Ang=18deg

HXRBS 18:05 18:22 18:59 18:19:48 MaxKeV=102

BCS 18:19:27 18:19:48 18:24:26 FePeak.C/s=8 dt= 3.8s XEN=917903

FCS 18:56 18:57 19:57 CaPeak.C/s=108 #Peaks=1

UVSP 18:16 Wave length=2788A Code=00 Exp #=91570 Step=15" Cad= 262s XEN=1.024s/pixel

Radio Frequency(MHz)/Flux(sfu): 1415/4200 2695/3700 4995/4400 8800/290 15400/100 Rast=180"x1" Step=0" Pitch=-109", Yaw=-135"

Event # = 11637

89/06/29, 03:29 DOY=180

Optical SMM Pointing: N18W03 Pitch=-219", Yaw=-133", Roll=-20deg H.Ang=16deg

GOES Ha...Class=IN N28W28 Carr. Lon.=292deg H.Ang=37deg

HXRBS 03:00 03:29 05:00 02:54:50 MaxKeV=102

BCS 04:52 04:53 05:00 Peak...c/s=46 #Peaks=1 dt= 3.8s XEN=918000

FCS 03:31 CaPeak.C/s=42 Tot Cts=231 Step=10" Cad= 332s

UVSP 03:31 Wave length=2788A Code=02 Exp #=91608 Step=0" Pitch=-82", Yaw=-210"

Radio Frequency(MHz)/Flux(sfu): 245/84 410/24 606/27

Event # = 11639

89/06/29, 21:27 DOY=180

Optical SMM Pointing: N21W15 Pitch=-193", Yaw=-318", Roll=-20deg H.Ang=23deg

GOES Ha...Class=2B N28W44 Carr. Lon.=298deg H.Ang=49deg

HXRBS 21:03 21:27 23:14 21:12:14 MaxKeV=859

GRS 21:09:44 21:12:14 21:47:25 Peak...c/s=2009 Flags=M5, I, SN

UVSP 21:10:00 21:17:00 Tot Cts=6.70E+5 Exp #=91679 Dur=420sec

Radio Sweeps Type/Intensity: IV/3

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 Pitch=-193", Yaw=-318", Roll=-20deg H.Ang=23deg
 Start End times Carr. Lon.=298deg H.Ang=49deg
 Optical Code=LPS AR5555 Mac.=EKO
 GOES N21W15 N27W45 Qual=00 MaxkeV=102
 HXRBS 22:02:40 22:02:44 22:03:00 Peak...c/s=56 Tot Cts=161 Rast=180"x1" Step=0" Pitch=-56", Yaw=-395"
 UVSP 22:03 Wavelength=2788A Exp #=91680

89/06/30 DOY=181

Event # = 11641
 89/06/30, 04:03 DOY=181 Peak Pitch=-175", Yaw=-367", Roll=-20deg H.Ang=25deg
 Start End times N21W19
 GOES Qual=00
 HXRBS 04:03:09 04:03:47 04:04:03 Peak...c/s=49 Tot Cts=325 MaxkeV=102
 UVSP 04:13 Wavelength=2788A Exp #=91688 Rast=180"x1" Step=0" Pitch=-40", Yaw=-442"

Event # = 11642
 89/06/30, 07:24 DOY=181 Peak Pitch=-168", Yaw=-389", Roll=-20deg H.Ang=27deg
 Start End times N21W20
 GOES Qual=00
 HXRBS 07:11:05 07:24:13 07:28:09 Peak...c/s=173 Flags=EN MaxkeV=231
 UVSP 08:03 Wavelength=1375A Exp #=91693 Rast=265"x265" Step=5" Pitch=-157", Yaw=-387"
 Radio Type/Intensity: I1/2
 Sweeps Frequency(MHz)/Flux(stu): 245/43 1415/350 2695/620 4995/450 8800/200 15400/120

Event # = 11643
 89/06/30, 13:19 DOY=181 Peak Pitch=-151", Yaw=-435", Roll=-20deg H.Ang=29deg
 Start End times N21W24
 GOES Qual=00
 HXRBS 13:19:29 13:19:40 13:19:44 Peak...c/s=52 Tot Cts=83 MaxkeV=102
 UVSP 13:18 Wavelength=1375A Exp #=91704 Rast=30"x30" Step=5" Pitch=-162", Yaw=-428"

Event # = 11644
 89/06/30, 13:21 DOY=181 Peak Pitch=-151", Yaw=-435", Roll=-20deg H.Ang=29deg
 Start End times N21W24
 GOES Qual=00
 HXRBS 13:21:16 13:21:22 13:21:34 Peak...c/s=48 Tot Cts=100 MaxkeV=102
 UVSP 13:18 Wavelength=1375A Exp #=91704 Rast=30"x30" Step=5" Pitch=-162", Yaw=-428"

Event # = 11645
 89/06/30, 13:22 DOY=181 Peak Pitch=-151", Yaw=-435", Roll=-20deg H.Ang=29deg
 Start End times N21W24
 GOES Qual=00
 HXRBS 13:22:06 13:22:10 13:22:18 Peak...c/s=54 Tot Cts=140 MaxkeV=102
 UVSP 13:18 Wavelength=1375A Exp #=91704 Rast=30"x30" Step=5" Pitch=-162", Yaw=-428"

Event # = 11646
 89/06/30, 13:37 DOY=181 Peak Pitch=-151", Yaw=-435", Roll=-20deg H.Ang=29deg
 Start End times N21W24
 Optical Ha...Class=SF N20W23 Mac.=EAI Carr. Lon.=268deg H.Ang=28deg
 GOES 13:29 13:37 13:40 Importance=C6 AR5569
 HXRBS 13:29:55 13:30:24 13:33:12 Peak...c/s=136 Tot Cts=2515 MaxkeV=102
 UVSP 13:18 Wavelength=1375A Code=01 Exp #=91704 Rast=30"x30" Step=5" Pitch=-162", Yaw=-428"
 HXRBS 13:33:59 13:35:19 13:36:12 Peak...c/s=79 Associated Event # = 11647
 Qual=01 Tot Cts=1183 MaxkeV=102

Event # = 23021		DOY=181		End times		Qual=00															
89/06/30,18:09	Start	18:09	18:09	18:14	18:10	5	18:10	5	18:10	18:10	18:10	18:10	18:10	18:10	18:10	18:10	18:10	18:10	18:10	18:10	18:10
GOES																					
BCS																					
FCS																					
UVSP																					
Event # = 11654		DOY=181		End times		N20W27															
89/06/30,19:43	Start	19:43	19:43	19:44	20:06	01	20:06	01	20:06	20:06	20:06	20:06	20:06	20:06	20:06	20:06	20:06	20:06	20:06	20:06	20:06
GOES																					
HXRBS																					
UVSP																					
Event # = 23022		DOY=181		End times		N21W24		AR5569													
89/06/30,20:21	Start	20:21	20:21	20:24	20:21	5	20:21	5	20:21	20:21	20:21	20:21	20:21	20:21	20:21	20:21	20:21	20:21	20:21	20:21	20:21
Optical																					
GOES																					
BCS																					
FCS																					
UVSP																					
Event # = 23023		DOY=182		End times		S16F64		AR5572													
89/07/01,00:24	Start	00:24	00:24	00:56	00:26	2	00:26	2	00:26	00:26	00:26	00:26	00:26	00:26	00:26	00:26	00:26	00:26	00:26	00:26	00:26
Optical																					
GOES																					
BCS																					
FCS																					
UVSP																					
Event # = 23024		DOY=182		End times		N21W36		AR5569													
89/07/01,15:38	Start	15:38	15:38	15:49	15:38	5	15:38	5	15:38	15:38	15:38	15:38	15:38	15:38	15:38	15:38	15:38	15:38	15:38	15:38	15:38
Optical																					
GOES																					
BCS																					
FCS																					
UVSP																					
Event # = 11655		DOY=182		End times		N22W42															
89/07/01,22:49	Start	22:49	22:49	22:51	22:47	01	22:47	01	22:47	22:47	22:47	22:47	22:47	22:47	22:47	22:47	22:47	22:47	22:47	22:47	22:47
GOES																					
HXRBS																					
BCS																					
FCS																					
UVSP																					

Event # = 11656		89/07/02		DOY=183	
89/07/02,00:17	Start	DOY=183	Peak	N23W43	SMM Pointing:
Optical					
GOES	00:10	00:17	00:28	N26E85	Ha...Class=SF
HXRBS	00:11:11	00:12:09	00:13:46	Qual=01	Importance=C4
UVSP	00:15			Qual=01	Peak...c/s=59
				Code=00	Wavelength=1375A
					Tot Cts=1579
					Exp #=91822
					Pitch=-608", Yaw=+310", Roll=88deg
					H. Ang=46deg
					Mac.=HSX
					Carr. Lon.=141deg
					H. Ang=84deg
					MaxkeV=102
					Rast=30"x30"
					Step=5" Pitch=-559", Yaw=+275"
Event # = 23025					
89/07/02,08:17	Start	DOY=183	Peak	N21W44	SMM Pointing:
Optical				Qual=05	
GOES	08:17	08:17	08:22	Qual=5	Ha...Class=SN
BCS					CaPeak.c/s=34
FCS					Wavelength=2788A
UVSP	08:43				
					Tot Cts=1579
					Exp #=91846
					Pitch=-608", Yaw=+310", Roll=88deg
					H. Ang=46deg
					Mac.=EAI
					Carr. Lon.=265deg
					H. Ang=46deg
					FePeak.c/s=12
					Rast=240"x240"
					dt= 7.7s XEN=918300
					Step=15" Cad= 262s
					1.024s/pixel
					Step=0" Pitch=+43", Yaw=-532"
Event # = 23026					
89/07/02,11:36	Start	DOY=183	Peak	N20W50	SMM Pointing:
Optical				Qual=00	
GOES	11:36	11:36	11:38	Qual=4	Ha...Class=SF
BCS					CaPeak.c/s=19
FCS					Wavelength=2788A
UVSP	11:49				
					Tot Cts=1579
					Exp #=91850
					Pitch=-608", Yaw=+310", Roll=88deg
					H. Ang=46deg
					Mac.=EAI
					Carr. Lon.=269deg
					H. Ang=52deg
					FePeak.c/s=8
					Rast=240"x240"
					dt= 7.7s XEN=918301
					Step=15" Cad= 262s
					1.024s/pixel
					Step=0" Pitch=+48", Yaw=-548"
Event # = 23027					
89/07/02,11:45	Start	DOY=183	Peak	N20W50	SMM Pointing:
Optical				Qual=01	
GOES	11:41	11:45	11:48	Qual=1	Ha...Class=SF
BCS	11:43	11:45	11:48		Importance=C2
FCS					CaPeak.c/s=46
UVSP	11:49				Wavelength=2788A
					Tot Cts=1579
					Exp #=91850
					Pitch=-608", Yaw=+310", Roll=88deg
					H. Ang=46deg
					Mac.=EAI
					Carr. Lon.=269deg
					H. Ang=52deg
					FePeak.c/s=10
					Rast=240"x240"
					dt= 3.8s XEN=918302
					Step=15" Cad= 262s
					1.024s/pixel
					Step=0" Pitch=+48", Yaw=-548"
Event # = 11657					
89/07/02,23:29	Start	DOY=183	Peak	N23W55	SMM Pointing:
Optical					
GOES	23:24	23:29	23:31	N21E69	Ha...Class=SF
HXRBS	23:25:26	23:26:04	23:27:12	Qual=01	Importance=C3
UVSP	23:28			Qual=01	Peak...c/s=73
				Code=00	Wavelength=1375A
					Tot Cts=736
					Exp #=91868
					Pitch=-70", Yaw=-785", Roll=-20deg
					H. Ang=56deg
					Mac.=HSX
					Carr. Lon.=144deg
					H. Ang=69deg
					MaxkeV=102
					Rast=30"x30"
					Step=5" Pitch=-34", Yaw=-788"
Event # = 11659					
89/07/03,01:40	Start	DOY=184	Peak	N22W56	SMM Pointing:
Optical				S14E44	
GOES	01:34	01:40	01:42	Qual=03	Ha...Class=SF
HXRBS	01:35:28	01:35:48	01:36:48	Qual=01	Importance=C7
GRS	01:35:00				Peak...c/s=1725
UVSP	01:31				Wavelength=1375A
Radio	Frequency(MHz)/Flux(sfu):	606/32	1415/110	2695/130	4995/130
					8800/170
					15400/140
					Step=5" Pitch=-850", Yaw=+400"
					Dur=60sec
					Associated Event # = 11660
					Tot Cts=1298
					MaxkeV=144

89/07/04		DOY=185	
Event # = 11658	DOY=185		
89/07/04, 00:02	Peak		
Start	End times		
Optical		SMM Pointing:	
GOES 23:59	00:02	N22W68	Pitch=-825", Yaw=+311", Roll=88deg
HXRBS 23:59:58	00:00:43	N22E52	Carr. Lon.=147deg
GRS 00:00:00	00:01:00	Qual=01	Mac.=HSX
UVSP 00:03		Peak...c/s=18090	Flags=M5, DG
Radio	Frequency(MHz)/Flux(sfu):	Tot Cts=2.90E+5	MaxkeV=576
		Exp #=91931	Rast=265"x265" Pitch=-818", Yaw=+324"
		1415/130	4995/400 8800/350 15400/700
		606/370	
Event # = 11661	DOY=185		
89/07/04, 14:46	Peak		
Start	End times		
Optical		SMM Pointing:	
GOES 14:42	14:46	N23W76	Pitch=-39", Yaw=-914", Roll=-20deg
HXRBS 14:43:19	14:43:52	N24E43	Carr. Lon.=148deg
UVSp 14:45		Qual=03	Mac.=DAO
Radio	Frequency(MHz)/Flux(sfu):	Qual=01	MaxkeV=187
		Code=00	Rast=180"x1"
		8800/57 15400/110	Step=0" Pitch=+96", Yaw=-732"
Event # = 23028	DOY=186		
89/07/05, 05:24	Peak		
Start	End times		
Optical		S16E17	Carr. Lon.=166deg
GOES 05:18	05:24	Qual=05	Mac.=CAO
BGS 05:32	05:32	Qual=5	FePeak.c/s=12
FCS 04:39		FePeak=05:34	#Peaks=1 dt= 7.7s
UVSP 04:39		Exp #=92017	XEN=918600
			Cad=1.02s 1.024s/pixel
			Step=0" Pitch=+63", Yaw=+493"
Event # = 11662	DOY=186		
89/07/05, 16:48	Peak		
Start	End times		
Optical		N03W00	Pitch=+0", Yaw=-1", Roll=-20deg
GOES 16:45	16:48	N23E32	Carr. Lon.=145deg
HXRBS 16:45:52	16:45:55	Qual=03	Mac.=DAI
UVSP 16:59		Qual=02	MaxkeV=275
		Code=02	Rast=180"x1"
		Wavelength=2788A	Step=0" Pitch=-2", Yaw=+0"
Event # = 11663	DOY=186		
89/07/05, 18:28	Peak		
Start	End times		
Optical		N03W00	Pitch=+0", Yaw=-1", Roll=-20deg
GOES 18:23	18:28	N23E32	Carr. Lon.=145deg
HXRBS 18:24:26	18:25:03	Qual=01	Mac.=DAI
UVSP 18:33		Code=02	MaxkeV=102
		Wavelength=2788A	Rast=180"x1"
			Step=0" Pitch=-2", Yaw=+0"
Event # = 11664	DOY=186		
89/07/05, 22:20	Peak		
Start	End times		
Optical		N25E27	Pitch=+376", Yaw=+370", Roll=87deg
GOES 22:19:29	22:20:44	Qual=00	Carr. Lon.=145deg
HXRBS 22:20		Qual=01	Mac.=DAI
UVSP 22:20		Code=02	MaxkeV=368
		Wavelength=1375A	Rast=265"x265" Step=5"
			Pitch=+383", Yaw=+383"

Event # = 11667		89/07/06		DOY=187			
89/07/06	23:03:03	Start	DOY=187	Peak	N04W00	SMM Pointing:	Pitch=+0", Yaw=+0", Roll=-20deg
End times						H. Ang=0deg	
GOES							
HXRBS	23:02:53	23:03:41	23:04:34	Peak...c/s=59	Qual=00	Tot Cts=1187	MaxkeV=144
UVSP	22:58			Wavelength=2788A	Qual=01	Exp #=92080	Rast=243"x243" Step=3" Pitch=+7", Yaw=+13"
89/07/07							
Event # = 11668		89/07/07		DOY=188			
89/07/07	00:00:52	Start	DOY=188	Peak	N25E13	SMM Pointing:	Pitch=+179", Yaw=+354", Roll=87deg
End times						H. Ang=25deg	
Optical							
GOES	00:46	00:52	00:56	Ha...Class=SF	S20W09	AR5572	Mac.=DAI
HXRBS	00:48:34	00:48:59	00:50:22	Importance=C4	Qual=01	Tot Cts=2183	Carr. Lon.=168deg
UVSP	00:52			Peak...c/s=85	Qual=01	Exp #=92089	MaxkeV=102
				Wavelength=1375A		Code=02	Rast=10"x10" Step=0" Pitch=+165", Yaw=+311"
89/07/07							
Event # = 12570		89/07/07		DOY=188			
89/07/07	03:35	Start	DOY=188	Peak	N25E12	SMM Pointing:	Pitch=-387", Yaw=+48", Roll=-20deg
End times						H. Ang=24deg	
Optical							
GOES	03:30	03:35	03:38	Ha...Class=SF	S20W10	AR5572	Mac.=DAI
HXRBS	03:34:27	03:37:13	03:37:42	Importance=C4	Qual=05	Tot Cts=1210	Carr. Lon.=168deg
UVSP	03:28			Peak...c/s=56	Qual=01	Exp #=92096	MaxkeV=187
				Wavelength=2788A		Code=00	Rast=180"x1" Step=0" Pitch=-251", Yaw=+228"
89/07/07							
Event # = 11673		89/07/07		DOY=188			
89/07/07	04:06	Start	DOY=188	Peak	N25E12	SMM Pointing:	Pitch=-387", Yaw=+48", Roll=-20deg
End times						H. Ang=24deg	
Optical							
GOES	04:00	04:06	04:10	Ha...Class=SF	S20W11	AR5572	Mac.=DAI
HXRBS	04:02:48	04:03:18	04:04:22	Importance=C3	Qual=01	Tot Cts=982	Carr. Lon.=168deg
UVSP	04:25			Peak...c/s=66	Qual=01	Exp #=92097	MaxkeV=102
				Wavelength=2788A		Code=00	Rast=180"x1" Step=0" Pitch=-248", Yaw=+221"
89/07/08							
Event # = 11674		89/07/08		DOY=189			
89/07/08	14:17	Start	DOY=189	Peak	N25W07	SMM Pointing:	Pitch=-290", Yaw=-212", Roll=-20deg
End times						H. Ang=22deg	
Optical							
HXRBS	14:16:59	14:17:06	14:17:14	Ha...Class=SF	S21W18	AR5572	Mac.=DAI
UVSP	14:19			Peak...c/s=98	Qual=01	Tot Cts=534	Carr. Lon.=156deg
				Wavelength=2788A		Code=00	MaxkeV=275
						Rast=180"x1" Step=0" Pitch=-154", Yaw=-33"	
89/07/08							
Event # = 11675		89/07/08		DOY=189			
89/07/08	22:00	Start	DOY=189	Peak	S17W33	SMM Pointing:	Pitch=-471", Yaw=-349", Roll=87deg
End times						H. Ang=38deg	
Optical							
GOES	21:56	22:00	22:03	Ha...Class=SF	S10E37	AR5579	Mac.=DAO
HXRBS	21:56:57	21:57:17	21:57:36	Importance=C1	Qual=01	Tot Cts=360	Carr. Lon.=97deg
UVSP	21:48			Peak...c/s=53	Qual=01	Exp #=92172	MaxkeV=102
				Wavelength=1375A		Code=00	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		Ha...Class=2B	S20W35	AR5572	Mac.=DAO
GOES	01:13	Importance=M5	Qual=05		FePeak.c/s=14
BCS	01:51	CaPeak.c/s=117	Qual= 5	FePeak=01:54	Rast=240"x240"
FCS				Exp #=92193	Rast=180"x1"
UVSP	01:45	Wavelength=2788A			Pitch=0" Carr. Lon.=167deg H. Ang=42deg
					#Peaks=1 dt= 3.8s XEN=919000
					Step=15" Cad= 262s 1.024s/pixel
					Step=0" Pitch=+359" , Yaw=-189"
Event # = 12703					
89/07/09	10:23	DOY=190	Peak		
Optical		SMM Pointing:	S17W39		Pitch=+497" , Yaw=-431" , Roll=-20deg H. Ang=44deg
GOES	10:13	Peak...c/s=72	Qual=01	Tot Cts=59	MaxkeV=275
HXRBS	10:23:49	Wavelength=1375A		Exp #=92203	Rast=70"x70" Flags=NS,GB
UVSP	09:41				Step=5" Pitch=+545" , Yaw=-395"
Event # = 11676					
89/07/09	13:21	DOY=190	Peak		
Optical		SMM Pointing:	S17W40		Pitch=+500" , Yaw=-441" , Roll=-20deg H. Ang=45deg
GOES	13:20:53	Ha...Class=SF	N27E28	AR5582	Mac.=BX0
HXRBS	13:20:53	Peak...c/s=51	Qual=01	Tot Cts=585	MaxkeV=102
UVSP	13:28	Wavelength=2788A		Exp #=92208	Rast=180"x1" Step=0" Pitch=+382" , Yaw=-265"
Event # = 11680					
89/07/10	21:29	DOY=191	Peak		
Optical		SMM Pointing:	S17W59		Pitch=-758" , Yaw=-348" , Roll=87deg H. Ang=62deg
GOES	21:29:20	Peak...c/s=45	Qual=00	Tot Cts=110	MaxkeV=102
HXRBS	21:22	Wavelength=1375A	Qual=01	Exp #=92273	Rast=10"x10" Step=0" Pitch=-746" , Yaw=-411"
UVSP					
Event # = 11679					
89/07/11	06:35	DOY=192	Peak		
Optical		SMM Pointing:	S17W62		Pitch=+559" , Yaw=-648" , Roll=-20deg H. Ang=65deg
GOES	06:32	Ha...Class=SF	N24W42	AR5575	Mac.=CS0
HXRBS	06:32:53	Importance=C1	Qual=01	Tot Cts=68	MaxkeV=102
UVSP	07:06	Peak...c/s=42	Qual=01	Exp #=92301	Rast=180"x1" Step=0" Pitch=+440" , Yaw=-474"
Event # = 11681					
89/07/12	21:23	DOY=193	Peak		
Optical		SMM Pointing:	S10W19		Pitch=+318" , Yaw=-215" , Roll=-20deg H. Ang=24deg
GOES	21:22:53	Peak...c/s=49	Qual=00	Tot Cts=415	MaxkeV=102
HXRBS	21:37	Wavelength=2788A	Qual=01	Exp #=92388	Rast=180"x1" Step=0" Pitch=+200" , Yaw=-36"
UVSP					
Event # = 11682					
89/07/13	00:34	DOY=194	Peak		
Optical		SMM Pointing:	S10W21		Pitch=+328" , Yaw=-242" , Roll=-20deg H. Ang=26deg
GOES	00:34:37	Peak...c/s=42	Qual=00	Tot Cts=102	MaxkeV=102
HXRBS	00:42	Wavelength=2788A	Qual=01	Exp #=92392	Rast=180"x1" Step=0" Pitch=+208" , Yaw=-61"
UVSP					

89/07/16 DOY=197

Event # = 11684
 89/07/16,17:19 Start DOY=197 Peak
 SMM Pointing: N27E10 Pitch=-389",Yaw=+7",Roll=-20deg H.Ang=24deg
 Optical Ha...Class=SN S13E71 Mac.=HSX Carr.Lon.=320deg H.Ang=73deg
 GOES Qual=03
 HXRBS 17:19:34 17:19:47 17:20:09 Peak...c/s=110 Tot Cts=830 MaxkeV=187
 UVSP 17:20 Wavelength=1375A Exp #=92582 Rast=265"x265" Step=5" Pitch=-378",Yaw=+12"
 Radio Sweeps Type/Intensity: V/2

89/07/17 DOY=198

Event # = 12571
 89/07/17,00:12 Start DOY=198 Peak
 SMM Pointing: N27E06 Pitch=-369",Yaw=-45",Roll=-20deg H.Ang=23deg
 Optical Ha...Class=IF S14E89 Mac.=HSX Carr.Lon.=298deg H.Ang=90deg
 GOES Importance=C2 Qual=01
 HXRBS 00:09:00 00:12:00 00:15:00 Peak...c/s=45 Tot Cts=405 MaxkeV=102
 UVSP 00:16 Wavelength=2788A Code=02 Exp #=92592 Rast=180"x1" Step=0" Pitch=-232",Yaw=-122"
 Radio Sweeps Type/Intensity: III/I1
 HXRBS 00:04:52 00:05:01 00:05:33 Peak...c/s=49 Associated Event # = 11685
 HXRBS 00:06:44 00:06:47 00:07:14 Peak...c/s=128 Qual=01 Tot Cts=332 MaxkeV=102
 Radio Frequency(MHz)/Flux(sfu): 245/110 Associated Event # = 11686
 HXRBS 00:06:44 00:06:47 00:07:14 Peak...c/s=128 Qual=01 Tot Cts=957 MaxkeV=144

89/07/17 DOY=198

Event # = 11687
 89/07/17,05:55 Start DOY=198 Peak
 SMM Pointing: N27E02 Pitch=-352",Yaw=-91",Roll=-20deg H.Ang=23deg
 Optical Ha...Class=SN S22W55 Mac.=CSO Carr.Lon.=79deg H.Ang=60deg
 GOES Importance=C6 Qual=01
 HXRBS 05:48:05 05:55:06 06:04:06 Peak...c/s=373 Tot Cts=16388 MaxkeV=231
 UVSP 05:43 Wavelength=1375A Code=00 Exp #=92600 Rast=10"x10" Step=0" Pitch=-277",Yaw=-116"
 Radio Sweeps Type/Intensity: III/I3
 Radio Frequency(MHz)/Flux(sfu): 245/240 410/15 1415/18 2695/54 4995/130 8800/110 15400/48

89/07/18 DOY=199

Event # = 11688
 89/07/18,06:34 Start DOY=199 Peak
 SMM Pointing: N27W11 Pitch=-286",Yaw=-271",Roll=-20deg H.Ang=25deg
 Optical Ha...Class=SN S13E48 Mac.=MAX Carr.Lon.=322deg H.Ang=51deg
 GOES Importance=C2 Qual=01
 HXRBS 06:27:42 06:34:06 06:39:37 Peak...c/s=67 Tot Cts=1370 MaxkeV=144
 UVSP 06:22 Wavelength=1375A Code=00 Exp #=92653 Rast=10"x10" Step=0" Pitch=-337",Yaw=-261"
 Radio Frequency(MHz)/Flux(sfu): 245/170
 HXRBS 06:31:59 06:32:02 06:32:57 Peak...c/s=44 Associated Event # = 11689
 HXRBS 06:31:59 06:32:02 06:32:57 Peak...c/s=44 Qual=01 Tot Cts=229 MaxkeV=102

89/07/18 DOY=199

Event # = 11692
 89/07/18,21:00 Start DOY=199 Peak
 SMM Pointing: N27W18 Pitch=-251",Yaw=-372",Roll=-20deg H.Ang=28deg
 Optical Ha...Class=SF N24E85 Mac.=BXO Carr.Lon.=277deg H.Ang=84deg
 GOES Importance=C2 Qual=03
 HXRBS 20:57:50 21:00:21 21:02:31 Peak...c/s=39 Tot Cts=215 MaxkeV=102
 UVSP 20:56 Wavelength=2788A Code=00 Exp #=92691 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
 Pitch=-233", Yaw=-425", Roll=-20deg H. Ang=31deg
 Optical
 Ha...Class=SF AR5601
 Mac.=BX0 Carr. Lon.=283deg H. Ang=75deg
 GOES 03:59 04:03 04:08
 Importance=C7
 HXRBS 04:00:42 04:01:18 04:02:30
 Peak...c/s=64
 BCS 03:56 04:03 04:22
 CaPeak.c/s=66
 FCS
 Wavelength=2788A Code=01 Exp #=92700
 UVSP 03:40

Event # = 11694
 89/07/19,21:35 DOY=200
 Start Peak
 SMM Pointing: S21E37
 Pitch=+191", Yaw=+632", Roll=-20deg H. Ang=44deg
 Optical
 Ha...Class=SF AR5601
 Mac.=BX0 Carr. Lon.=275deg H. Ang=74deg
 GOES 21:18 21:35 21:47
 Importance=C7
 HXRBS 21:24:55 21:26:27 21:27:20
 Peak...c/s=67
 UVSP 20:37
 Wavelength=2788A
 Tot Cts=1370
 FePeak=04:01
 Exp #=92735
 #Peaks=1 dt= 3.8s XEM=920000
 Step=0" Cad=1.02s 1.024s/pixel
 Step=0" Pitch=-239", Yaw=-423"
 Rast=180"x1" Rast=180"x1"

89/07/20 DOY=201

Event # = 12572
 89/07/20,00:10 DOY=201
 Start Peak
 SMM Pointing: S21E36
 Pitch=+196", Yaw=+619", Roll=-20deg H. Ang=43deg
 Optical
 Ha...Class=SF AR5596
 Mac.=DAI Carr. Lon.=327deg H. Ang=25deg
 GOES 00:00 00:10 00:18
 Importance=C1
 HXRBS 00:10:04 00:10:18 00:10:47
 Peak...c/s=102
 UVSP 23:41
 Wavelength=2788A
 Radio Sweeps
 Type/Intensity: III/3
 Radio Frequency(MHz)/Flux(stu): 245/630 410/160 606/170
 Tot Cts=1190
 Exp #=92739
 Step=0" Pitch=+78", Yaw=+544"

89/07/20 DOY=201

Event # = 11695
 89/07/20,11:33 DOY=201
 Start Peak
 SMM Pointing: S21E29
 Pitch=+231", Yaw=+538", Roll=-20deg H. Ang=38deg
 Optical
 Ha...Class=IN AR5601
 Mac.=CRO Carr. Lon.=276deg H. Ang=65deg
 GOES 11:01 11:33 11:49
 Importance=M1
 HXRBS 11:26:39 11:27:28 11:29:17
 Peak...c/s=40
 UVSP 12:15
 Wavelength=1375A
 Tot Cts=682
 Exp #=92755
 Step=5" Pitch=+241", Yaw=+545"

89/07/20 DOY=201

Event # = 8412
 89/07/20,13:36 DOY=201
 Start Peak
 SMM Pointing: S21E28
 Pitch=+235", Yaw=+528", Roll=-20deg H. Ang=38deg
 HXRBS 13:36:11 13:36:14 13:36:17
 Peak...c/s=36
 UVSP 13:47
 Wavelength=1375A
 Tot Cts=57
 Exp #=92757
 Step=5" Pitch=+245", Yaw=+534"

89/07/20 DOY=201

Event # = 12573
 89/07/20,16:57 DOY=201
 Start Peak
 SMM Pointing: N05W00
 Pitch=+0", Yaw=+0", Roll=-20deg H. Ang=0deg
 Optical
 Ha...Class=IN AR5601
 Mac.=CRO Carr. Lon.=282deg H. Ang=58deg
 GOES 16:50 16:57 17:25
 Importance=C3
 HXRBS 16:51:17 16:51:34 16:52:05
 Peak...c/s=43
 UVSP 16:38
 Wavelength=2788A Code=01 Exp #=92768
 Tot Cts=462
 Exp #=92768
 Step=0" Pitch=-6", Yaw=+0"

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 Exp #=92773 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
 UVSP 20:42 Type/Intensity: WaveLength=2788A
 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 Dur=120sec
 BCS 20:36 20:36 20:38 CaPeak.c/s=41 Associated Event # = 23031 dt= 7.7s XEN=920101
 FCS FePeak.c/s=7 #Peaks=1 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 Qual=01 Tot Cts=272 MaxKeV=102
 Radio Sweeps Type/Intensity: III/3 Exp #=92783 Rast=243"x243" Step=3" Pitch=+287", Yaw=+436"

Event # = 11698
 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 MaxKeV=102
 UVSP 05:15 05:24:16 05:24:58 WaveLength=1375A Code=00 Exp #=92785 Rast=70"x70" Step=5" Pitch=+293", Yaw=+443"

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 Tot Cts=7650 MaxKeV=187
 BCS 05:44 05:47 05:55 CaPeak.c/s=312 Qual= 1 FePeak=05:47 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 MaxKeV=102
 UVSP 09:52 10:15:50 10:16:31 WaveLength=1375A Code=00 Exp #=92791 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
 Ha...Class=SF AR5606 Mac.=BX0 Carr. Lon.=319deg H.Ang=38deg
 GOES 03:05 03:20 03:26 03:26 Qual=01 MaxkeV=102
 HXRBS 03:15:44 03:16:14 03:16:47 03:16:47 Peak...c/s=43 Tot Cts=186 Rast=180"x1" Step=0" Pitch=-364", Yaw=+307"
 UVSP 03:30 03:30 03:30 03:30 Wave length=2788A Exp #=92825

Event # = 11702
 89/07/22, 05:53 DOY=203 Peak
 SMM Pointing: N25E37 Pitch=-496", Yaw=+370", Roll=-20deg H.Ang=41deg
 GOES 05:52:48 05:53:00 05:53:10 05:53:10 Qual=00
 HXRBS 05:50 05:50 05:50 05:50 Peak...c/s=43 Qual=01 MaxkeV=102
 UVSP 05:50 05:50 05:50 05:50 Wave length=2788A Exp #=92828 Rast=243"x243" Step=3" Pitch=-485", Yaw=+376"

Event # = 11703
 89/07/22, 06:06 DOY=203 Peak
 SMM Pointing: N25E37 Pitch=-496", Yaw=+370", Roll=-20deg H.Ang=41deg
 Optical
 Ha...Class=SF S10W07 Mac.=DAI Carr. Lon.=325deg H.Ang=17deg
 GOES 06:02 06:06 06:12 06:12 Qual=01 AR5597
 HXRBS 06:02:39 06:03:08 06:03:31 06:03:31 Peak...c/s=35 Qual=01 MaxkeV=102
 UVSP 05:50 05:50 05:50 05:50 Wave length=2788A Code=00 Exp #=92828 Rast=243"x243" Step=3" Pitch=-485", Yaw=+376"

Event # = 11705
 89/07/22, 16:47 DOY=203 Peak
 SMM Pointing: S13W09 Pitch=+322", Yaw=-34", Roll=-20deg H.Ang=20deg
 Optical
 Ha...Class=SF S21F68 Mac.=DAI Carr. Lon.=244deg H.Ang=72deg
 GOES 16:44 16:47 16:49 16:49 Qual=01 AR5608
 HXRBS 16:44:32 16:45:26 16:45:38 16:45:38 Peak...c/s=39 Qual=01 MaxkeV=102
 UVSP 16:22 16:22 16:22 16:22 Wave length=2788A Code=01 Exp #=92841 Rast=180"x1" Step=0" Pitch=+201", Yaw=+152"

Event # = 11706
 89/07/22, 18:45 DOY=203 Peak
 SMM Pointing: S13W10 Pitch=+327", Yaw=-48", Roll=-20deg H.Ang=20deg
 Optical
 Ha...Class=SF S17E74 Mac.=DAI Carr. Lon.=237deg H.Ang=76deg
 GOES 18:41 18:45 18:49 18:49 Qual=01 AR5608
 HXRBS 18:42:38 18:43:04 18:43:20 18:43:20 Peak...c/s=52 Qual=01 MaxkeV=102
 UVSP 18:54 18:54 18:54 18:54 Wave length=2788A Code=02 Tot Cts=393 Rast=180"x1" Step=0" Pitch=+209", Yaw=+130"
 Radio Sweeps Type/Intensity: V/2 Exp #=92844

Event # = 23029
 89/07/22, 20:59 DOY=203 Peak
 SMM Pointing: S13W12 Carr. Lon.=322deg H.Ang=22deg
 Optical
 Ha...Class=SF S13W12 Mac.=DAI Carr. Lon.=322deg H.Ang=22deg
 GOES 20:45 20:59 21:07 21:07 Qual=05 AR5597
 BCS 21:10 21:11 21:16 21:16 Peak...c/s=23 FePeak.c/s=5 #Peaks=1 dt= 7.7s XEM=920300
 FCS 21:15 21:15 Wave length=1375A FePeak.c/s=5 Step=0" Cad=1.02s 1.024s/pixel
 UVSP 21:15 21:15 Exp #=92855 Rast=265"x265" Step=5" Pitch=+343", Yaw=-61"

Event # = 11707		89/07/24		DOY=205	
89/07/24, 10:30	Start	DOY=205	Peak	S32W27	SMM Pointing:
10:30:31	End times	10:30:47	10:30:51	Qual=00	Peak...c/s=43
10:15		WaveLength=1375A		Qual=01	WaveLength=1375A
Pitch=+652", Yaw=-149", Roll=-20deg H. Ang=45deg					
MaxkeV=102					
Rast=70"x70" Step=5" Pitch=+561", Yaw=-197"					
Event # = 11708					
89/07/24, 17:59	Start	DOY=205	Peak	S13W38	SMM Pointing:
17:58:24	End times	17:59:02	17:59:12	Qual=00	Peak...c/s=42
18:05		WaveLength=1375A		Qual=01	WaveLength=1375A
Pitch=+451", Yaw=-440", Roll=-20deg H. Ang=42deg					
MaxkeV=102					
Rast=265"x265" Step=5" Pitch=+463", Yaw=-428"					
Event # = 11709					
89/07/24, 21:33	Start	DOY=205	Peak	S13W40	SMM Pointing:
21:33:13	End times	21:33:20	21:33:33	Qual=00	Peak...c/s=45
21:02		WaveLength=1375A		Qual=01	WaveLength=1375A
Pitch=+460", Yaw=-460", Roll=-20deg H. Ang=43deg					
MaxkeV=102					
Rast=70"x70" Step=5" Pitch=+490", Yaw=-450"					
Event # = 11710					
89/07/25, 00:37	Start	DOY=206	Peak	S13W42	SMM Pointing:
00:25	End times	00:37	00:49	Qual=03	Importance=C7
00:29:56		00:30:20	00:32:56	Qual=01	Peak...c/s=45
00:48		WaveLength=2788A			WaveLength=2788A
Pitch=+466", Yaw=-481", Roll=-20deg H. Ang=45deg					
MaxkeV=102					
Rast=180"x1" Step=0" Pitch=+347", Yaw=-300"					
Event # = 12574					
89/07/25, 02:06	Start	DOY=206	Peak	S13W42	SMM Pointing:
02:01	End times	02:06	02:09	Qual=01	Ha...Class=SF
02:02:17		02:02:30	02:03:25	Qual=01	Importance=C3
01:21		WaveLength=2788A		Qual=01	Peak...c/s=81
Pitch=+469", Yaw=-491", Roll=-20deg H. Ang=46deg					
Mac.=DAO Carr. Lon.=1deg H. Ang=80deg					
MaxkeV=144					
Rast=180"x1" Step=0" Pitch=+348", Yaw=-304"					
Event # = 12575					
89/07/25, 02:06	Start	DOY=206	Peak	S13W42	SMM Pointing:
02:04:45	End times	02:05:02	02:05:32	Qual=01	Peak...c/s=41
02:04:45		02:05:02	02:05:32	Qual=01	Peak...c/s=41
Pitch=+474", Yaw=-511", Roll=-20deg H. Ang=47deg					
MaxkeV=231					
Rast=243"x243" Step=3" Pitch=+481", Yaw=-498"					
Event # = 11711					
89/07/25, 04:56	Start	DOY=206	Peak	S13W44	SMM Pointing:
04:52	End times	04:56	04:58	Qual=01	Importance=C3
04:53:06		04:53:19	04:54:50	Qual=01	Peak...c/s=231
04:48		WaveLength=2788A		Code=00	WaveLength=2788A
Pitch=+477", Yaw=-521", Roll=-20deg H. Ang=48deg					
Mac.=DR0 Carr. Lon.=278deg H. Ang=18deg					
MaxkeV=102					
Rast=70"x70" Step=5" Pitch=+441", Yaw=-549"					
Event # = 11712					
89/07/25, 06:26	Start	DOY=206	Peak	S13W45	SMM Pointing:
06:21	End times	06:26	06:32	Qual=01	Ha...Class=1F
06:22:18		06:23:08	06:23:34	Qual=01	Importance=C2
06:16		WaveLength=1375A		Code=00	Peak...c/s=39
Pitch=+477", Yaw=-521", Roll=-20deg H. Ang=48deg					
Mac.=DR0 Carr. Lon.=278deg H. Ang=18deg					
MaxkeV=102					
Rast=70"x70" Step=5" Pitch=+441", Yaw=-549"					

Event # = 11713		SMM Pointing:		S13W48		Pitch=+486", Yaw=-556", Roll=-20deg		H.Ang=51deg	
89/07/25	12:23	DOY=206	Peak	End times					
Start				Qual=00					
GOES	12:23:36	12:23:48	12:23:57	Peak...c/s=42	Tot Cts=128	MaxkeV=102			
HXRBS				Wavelength=1375A	Exp #=92960	Rast=265"x265" Step=5" Pitch=+493", Yaw=-543"			
UVSP	12:22								
Event # = 11714		SMM Pointing:		S13W48		Pitch=+486", Yaw=-556", Roll=-20deg		H.Ang=51deg	
89/07/25	13:50	DOY=206	Peak	End times					
Start				Qual=05					
GOES	13:47	13:50	13:53	Importance=C2	Tot Cts=175	MaxkeV=102			
HXRBS	13:51:01	13:51:09	13:51:33	Peak...c/s=38	Exp #=92962	Rast=265"x265" Step=5" Pitch=+496", Yaw=-551"			
UVSP	13:56			Wavelength=1375A					
Radio Sweeps				III/I					
Event # = 11715		SMM Pointing:		S13W49		Pitch=+489", Yaw=-566", Roll=-20deg		H.Ang=52deg	
89/07/25	15:55	DOY=206	Peak	End times					
Start				Qual=01					
GOES	15:46	15:55	15:58	Ha...Class=SF	AR5603	Mac.=DAO Carr.Lon.=3deg H.Ang=87deg			
HXRBS	15:48:29	15:49:18	15:50:00	Importance=C3	Tot Cts=716	MaxkeV=102			
UVSP	15:30			Peak...c/s=70	Exp #=92965	Rast=70"x70" Step=5" Pitch=+505", Yaw=-587"			
				Wavelength=1375A	Event # = 11716				
				Associated	Tot Cts=257				
HXRBS	15:53:17	15:53:46	15:54:04	Peak...c/s=47					
Event # = 11717		SMM Pointing:		S13W50		Pitch=+492", Yaw=-576", Roll=-20deg		H.Ang=53deg	
89/07/25	17:16	DOY=206	Peak	End times					
Start				Qual=03					
GOES	17:05	17:16	17:27	Importance=C4	Tot Cts=1111	MaxkeV=102			
HXRBS	17:06:32	17:08:26	17:09:51	Peak...c/s=41	Exp #=92967	Rast=70"x70" Step=5" Pitch=+507", Yaw=-595"			
UVSP	17:04			Wavelength=1375A	Event # = 11718				
				Associated	Tot Cts=562				
HXRBS	17:10:51	17:10:59	17:11:27	Peak...c/s=66					
Event # = 23032		SMM Pointing:		N28W88		Pitch=-130", Yaw=-935", Roll=-20deg		H.Ang=86deg	
89/07/25	18:56	DOY=206	Peak	End times					
Start				Qual=00					
GOES	18:55	18:56	18:58	CaPeak.c/s=23	FePeak=18:56	FePeak.c/s=11 dt= 7.7s XEN=920600			
BCS				Wavelength=1375A	Exp #=92969	Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel			
FCS						Rast=70"x70" Step=5" Pitch=-141", Yaw=-939"			
UVSP	18:35								
Event # = 11719		SMM Pointing:		N28W88		Pitch=-130", Yaw=-935", Roll=-20deg		H.Ang=86deg	
89/07/25	20:09	DOY=206	Peak	End times					
Start				Qual=01					
HXRBS	20:08:45	20:09:01	20:09:05	Peak...c/s=42	Tot Cts=129	MaxkeV=187			
UVSP	20:07			Wavelength=1375A	Exp #=92971	Rast=70"x70" Step=5" Pitch=-141", Yaw=-939"			
Event # = 23033		SMM Pointing:		N28W88		Pitch=-130", Yaw=-935", Roll=-20deg		H.Ang=86deg	
89/07/25	23:13	DOY=206	Peak	End times					
Start				Qual=01					
GOES	23:09	23:13	23:32	Importance=C2	FePeak=23:12	FePeak.c/s=9 dt= 7.7s XEN=920601			
BCS	23:11	23:13	23:35	CaPeak.c/s=42	Exp #=92973	Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel			
FCS						Rast=180"x1" Step=0" Pitch=+4", Yaw=-750"			
UVSP	22:56			Wavelength=2788A					

89/07/26 DOY=207

Event # = 12576
89/07/26,00:43 DOY=207
SMM Pointing: N28W88
Pitch=-130",Yaw=-935",Roll=-20deg H.Ang=86deg
GOES 00:36 00:43 Peak
End times
HXRBS 00:37:40 00:39:02 00:39:44
Qual=04
BCS 00:38 00:41 00:57
CaPeak.c/s=118
Qual=01
FCS 00:28
Wavelength=2788A Code=00
Exp #=92975
UVSP 00:38 00:41 00:57
CaPeak.c/s=118
Qual=1
Associated Event # = 23034
FePeak=00:40
FePeak=00:40

MaxkeV=102
FePeak.c/s=24
Rast=240"x240"
Rast=180"x1"
Flags=I
#Peaks=1
Step=15"
Step=0"
dt= 3.8s
Cad= 262s
Pitch=+4",Yaw=-750"
FePeak.c/s=24
#Peaks=1
Step=15"
Step=0"
dt= 3.8s
Cad= 262s
Pitch=+4",Yaw=-750"

Event # = 23035
89/07/26,01:06 DOY=207
GOES 01:05 01:06 01:14
Qual=01
BCS 01:05 01:06 01:14
CaPeak.c/s=34
Qual=1
FCS 01:27
Wavelength=2788A
Exp #=92976

FePeak.c/s=10
Rast=240"x240"
Rast=180"x1"
#Peaks=1
Step=15"
Step=0"
dt= 7.7s
Cad= 262s
Pitch=+4",Yaw=-750"

Event # = 11720
89/07/26,01:25 DOY=207
Optical
GOES 01:21 01:25 01:34
HXRBS 01:21:14 01:21:33 01:21:43
BCS 01:27 01:30 01:33
FCS 01:27
UVSP 01:27

Pitch=-130",Yaw=-935",Roll=-20deg H.Ang=86deg
Mac.=DAI Carr.Lon.=323deg H.Ang=59deg
MaxkeV=102
FePeak.c/s=7
Rast=240"x240"
Rast=180"x1"
#Peaks=1
Step=15"
Step=0"
dt= 7.7s
Cad= 262s
Pitch=+4",Yaw=-750"

Event # = 23036
89/07/26,02:10 DOY=207
GOES 02:10 02:10 02:49
Qual=00
BCS 02:10 02:10 02:49
CaPeak.c/s=45
Qual=5
FCS 02:00
Wavelength=2788A
Exp #=92977

FePeak.c/s=6
Rast=240"x240"
Rast=180"x1"
#Peaks=1
Step=15"
Step=0"
dt= 3.8s
Cad= 262s
Pitch=+4",Yaw=-750"

Event # = 11721
89/07/26,03:01 DOY=207
Optical
GOES 02:57 03:01 03:06
HXRBS 02:57:26 02:58:16 02:58:24
BCS 03:03 03:03 03:05
FCS 03:00
UVSP 03:00
Radio Sweeps
Type/Intensity: III/I

Mac.=DAI Carr.Lon.=325deg H.Ang=62deg
MaxkeV=102
FePeak.c/s=7
Rast=240"x240"
Rast=180"x1"
#Peaks=1
Step=15"
Step=0"
dt= 7.7s
Cad= 262s
Pitch=+4",Yaw=-750"

Event # = 23037		DOY=207		Peak		Qual=01		FePeak=11:52		dt= 7.7s		XEN=920705	
89/07/26, 11:55		11:55		12:02		CaPeak.c/s=28		WaveLength=1375A		Rast=240"x240"		Cad= 262s	
GOES		11:50								#Peaks=1		Pitch=-196", Yaw=-929"	
BCS		11:31								Step=15"		XEN=920706	
FCS										Step=5"		Cad= 262s	
UVSP										Step=5"		Pitch=-191", Yaw=-929"	
Event # = 11722		DOY=207		N28W88		SMM Pointing:		Pitch=-130", Yaw=-935", Roll=-20deg		H.Ang=86deg			
89/07/26, 13:41		13:41		13:46		Importance=C2		MaxkeV=102					
GOES		13:35		13:40		Peak...c/s=81		FePeak.c/s=16		dt= 3.8s		XEN=920706	
HXRBS		13:34:31		13:35:09		CaPeak.c/s=102		Rast=240"x240"		Step=15"		Cad= 262s	
BCS		13:36		13:52		WaveLength=1375A		Rast=70"x70"		Step=5"		Pitch=-191", Yaw=-929"	
FCS		13:40											
UVSP		13:05											
Event # = 11723		DOY=207		N28W88		SMM Pointing:		Pitch=-130", Yaw=-935", Roll=-20deg		H.Ang=86deg			
89/07/26, 13:54		13:54		14:00		Importance=C5		MaxkeV=187					
GOES		13:49		13:51:40		Peak...c/s=191		Rast=265"x265"		Step=5"		Pitch=-123", Yaw=-922"	
HXRBS		13:49:56		13:51:40		WaveLength=1375A							
BCS		14:33											
UVSP		14:33											
Radio Sweeps													
Event # = 23038		DOY=207		Qual=00		Qual= 5		FePeak=14:38		dt= 7.7s		XEN=920707	
89/07/26, 14:31		14:31		15:11		CaPeak.c/s=47		WaveLength=1375A		Rast=240"x240"		Cad= 262s	
GOES		14:29								Step=15"		XEN=920707	
BCS		14:33								Step=5"		Cad= 262s	
FCS										Step=5"		Pitch=-123", Yaw=-922"	
UVSP										Step=5"		XEN=920708	
Event # = 23039		DOY=207		Qual=00		Qual= 1		FePeak=16:22		dt= 7.7s		XEN=920708	
89/07/26, 16:30		16:30		16:57		CaPeak.c/s=110		WaveLength=1375A		Rast=240"x240"		Cad= 262s	
GOES		16:02								Step=15"		XEN=920708	
BCS		16:02								Step=15"		Cad= 262s	
FCS										Step=0"		Pitch=-123", Yaw=-922"	
UVSP		16:22								Step=0"		XEN=920708	
Event # = 23040		DOY=207		S17E26		Ha...Class=SF		Carr. Lon.=232deg		H.Ang=34deg			
89/07/26, 17:35		17:35		18:12		CaPeak.c/s=33		Mac.=DSO		Carr. Lon.=232deg		H.Ang=34deg	
Optical		17:34		17:44		WaveLength=1375A							
GOES		17:35											
BCS		17:34											
FCS		17:38											
UVSP		17:38											

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													
GOES	21:14	21:16	21:21	CaPeak.c/s=20	Ha...Class=SF	S34W61	AR5606						
BCS						Qual=00							
FCS						Qual=4	FePeak=21:14						
UVSP	20:43						Exp #=93021						
Event # = 11724		89/07/27, 13:55		DOY=208		Peak		End times					
GOES	13:51	13:55	13:57	SMM Pointing:	S13W75								
HXRBS	13:51:58	13:52:18	13:52:25	Importance=C2		Qual=01	Tot Cts=98						
UVSP	13:43			Peak...c/s=46		Qual=01	Exp #=93045						
Event # = 11725		89/07/28, 00:29		DOY=209		Peak		End times					
Optical													
GOES	00:21	00:29	00:41	SMM Pointing:	S13W78								
HXRBS	00:21:30	00:22:09	00:23:13	Ha...Class=SF		S18E07	AR5608						
UVSP	00:11			Importance=C2		Qual=01							
Event # = 12577		89/07/29, 06:15		DOY=210		Peak		End times					
GOES	06:11	06:15	06:18	SMM Pointing:	S20W12								
HXRBS	06:10:30	06:11:33	06:12:53	Importance=C4		Qual=01	Tot Cts=12000						
UVSP	06:26			Peak...c/s=708		Qual=01	Exp #=93125						
Radio	Frequency (MHz)/Flux(sfu):			8800/160	15400/250								
Event # = 11727		89/07/30, 05:01		DOY=211		Peak		End times					
Optical													
GOES	04:51	05:01	05:16	SMM Pointing:	S20W25								
HXRBS	04:52:06	04:53:57	04:54:31	Ha...Class=JF		S14E72	AR5619						
UVSP	04:33			Importance=C5		Qual=01							
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						
BCS													
FCS													
UVSP	20:43						Exp #=93021						
Event # = 23042		89/07/26, 21:16		DOY=207		Peak		End times					
Optical													
GOES	21:14	21:16	21:21	CaPeak.c/s=20	Ha...Class=SF	S34W61	AR5606						
BCS						Qual=00							
FCS						Qual=4	FePeak=21:14						
UVSP	20:43						Exp #=93021						
Event # = 11724		89/07/27, 13:55		DOY=208		Peak		End times					
GOES	13:51	13:55	13:57	SMM Pointing:	S13W75								
HXRBS	13:51:58	13:52:18	13:52:25	Importance=C2		Qual=01	Tot Cts=98						
UVSP	13:43			Peak...c/s=46		Qual=01	Exp #=93045						
Event # = 11725		89/07/28, 00:29		DOY=209		Peak		End times					
Optical													
GOES	00:21	00:29	00:41	SMM Pointing:	S13W78								
HXRBS	00:21:30	00:22:09	00:23:13	Ha...Class=SF		S18E07	AR5608						
UVSP	00:11			Importance=C2		Qual=01							
Event # = 12577		89/07/29, 06:15		DOY=210		Peak		End times					
GOES	06:11	06:15	06:18	SMM Pointing:	S20W12								
HXRBS	06:10:30	06:11:33	06:12:53	Importance=C4		Qual=01	Tot Cts=12000						
UVSP	06:26			Peak...c/s=708		Qual=01	Exp #=93125						
Radio	Frequency (MHz)/Flux(sfu):			8800/160	15400/250								
Event # = 11727		89/07/30, 05:01		DOY=211		Peak		End times					
Optical													
GOES	04:51	05:01	05:16	SMM Pointing:	S20W25								
HXRBS	04:52:06	04:53:57	04:54:31	Ha...Class=JF		S14E72	AR5619						
UVSP	04:33			Importance=C5		Qual=01							

89/07/31 DOY=212

Event # = 11728
 89/07/31, 18:00 DOY=212
 Start Peak
 SMM Pointing: N19W23
 H.Ang=26deg
 Pitch=-90", Yaw=-407", Roll=-20deg
 Optical
 Ha...Class=SF
 Importance=M1
 Peak...c/s=44
 Wavelength=1375A
 Code=00
 III/2 V/2
 Type/Intensity:
 End times
 18:00
 17:51 18:00
 17:50:59 17:53:53
 17:57 18:00:47
 HXRBS
 UVSP
 Radio Sweeps
 MaxkeV=187
 Rast=30"x30"
 Step=5" Pitch=-105", Yaw=-389"
 Carr. Lon.=113deg
 Mac.=HAX
 H.Ang=80deg

Event # = 11729
 89/07/31, 20:58 DOY=212
 Start Peak
 SMM Pointing: N19W25
 H.Ang=28deg
 Pitch=-83", Yaw=-431", Roll=-20deg
 Optical
 Ha...Class=1B
 Importance=M2
 Peak...c/s=170
 Wavelength=1375A
 Code=00
 End times
 21:05
 20:55 20:58
 20:55:45 20:56:15
 20:50 20:58:46
 HXRBS
 UVSP
 MaxkeV=187
 Rast=10"x10"
 Step=0" Pitch=-69", Yaw=-425"
 Carr. Lon.=158deg
 Mac.=DHI
 H.Ang=38deg
 Flags=I
 Step=0"

89/08/01 DOY=213

Event # = 11730
 89/08/01, 01:25 DOY=213
 Start Peak
 SMM Pointing: N19W27
 H.Ang=30deg
 Pitch=-73", Yaw=-465", Roll=-20deg
 GOES
 HXRBS
 UVSP
 MaxkeV=102
 Rast=180"x1"
 Step=0" Pitch=+61", Yaw=-278"
 Qual=00
 Qual=01
 Tot Cts=7488
 Exp #=93293

Event # = 11731
 89/08/01, 04:35 DOY=213
 Start Peak
 SMM Pointing: N19W29
 H.Ang=31deg
 Pitch=-66", Yaw=-486", Roll=-20deg
 Optical
 Ha...Class=SF
 Importance=C2
 Peak...c/s=58
 Wavelength=2788A
 Code=01
 Associated
 Qual=01
 Tot Cts=1826
 Exp #=93297
 Carr. Lon.=104deg
 Mac.=DAO
 H.Ang=83deg
 Step=0" Pitch=+68", Yaw=-300"

Event # = 11732
 89/08/01, 21:37 DOY=213
 Start Peak
 SMM Pointing: S13E71
 H.Ang=73deg
 Pitch=-73", Yaw=+905", Roll=-20deg
 GOES
 HXRBS
 BCS
 FCS
 UVSP
 HXRBS
 MaxkeV=144
 FePeak.c/s=10
 Rast=0"x0"
 Rast=180"x1"
 MaxkeV=102
 dt= 7.7s XEN=921300
 Step=0" Cad=1.02s 1.024s/pixel
 Step=0" Pitch=-192", Yaw=+831"
 Tot Cts=564
 FePeak=21:36
 Exp #=93333
 Event # = 11733
 Qual=01
 Tot Cts=102
 MaxkeV=102

89/08/02 DOY=214

Event # = 23043
 89/08/02, 05:32 DOY=214
 Start Peak
 End times
 05:30 05:36
 05:30 05:32
 05:51 Wavelength=2788A
 CaPeak.c/s=21
 FePeak.c/s=8
 Rast=0"x0"
 Rast=180"x1"
 Step=0" Pitch=-175", Yaw=+807"
 dt= 7.7s XEN=921410
 Cad=1.02s 1.024s/pixel
 Step=0" Pitch=0"

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	DOY=214	Start	End times	Qual=00	FePeak=20:43	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=921407
89/08/02,20:43	Peak	20:43	20:49	Qual= 5	Exp #=93391	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
GOES						Rast=50"x50"	Step=5"	Pitch=-37"	Yaw=+940"
BCS									
FCS									
UVSP									
Event # = 12578	DOY=214	Start	End times	S13E58					
89/08/02,22:30	Peak	22:30	22:34	Qual=03	Tot Cts=2950	MaxkeV=144	Flags=I	Pitch=-22"	Yaw=+824"
GOES						FePeak.c/s=56	#Peaks=1	dt= 3.8s	XEN=921408
HXRBS					FePeak=22:29	Rast=240"x240"	Step=15"	Cad=1.02s	1.024s/pixel
BCS							Step=5"	Pitch=-43"	Yaw=+937"
FCS									
UVSP									
Event # = 11735	DOY=214	Start	End times	S13E56					
89/08/02,23:59	Peak	23:59	00:01	Qual=01	Tot Cts=203	MaxkeV=102	#Peaks=1	dt= 7.7s	XEN=921409
GOES						FePeak.c/s=11	Step=0"	Cad=1.02s	1.024s/pixel
HXRBS					FePeak=23:57	Rast=0"x0"	Step=5"	Pitch=-35"	Yaw=+937"
BCS									
FCS									
UVSP									
Event # = 11736	DOY=215	Start	End times	S13E56					
89/08/03,00:10	Peak	00:10	00:11	Qual= 4	Exp #=93412	MaxkeV=102	#Peaks=1	dt= 7.7s	XEN=921500
GOES						FePeak.c/s=7	Step=0"	Cad=1.02s	1.024s/pixel
HXRBS						Rast=0"x0"	Step=5"	Pitch=-40"	Yaw=+941"
BCS									
FCS									
UVSP									
Event # = 23050	DOY=215	Start	End times	S13E55					
89/08/03,01:55	Peak	01:55	02:03	Qual=03	FePeak=01:52	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=921502
GOES						Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
BCS							Step=5"	Pitch=-40"	Yaw=+932"
FCS									
UVSP									
Radio									
Event # = 11737	DOY=215	Start	End times	S13E55					
89/08/03,03:11	Peak	03:11	03:18	Qual=01	Tot Cts=941	MaxkeV=102	#Peaks=1	dt= 7.7s	XEN=921501
GOES						FePeak.c/s=9	Step=0"	Cad=1.02s	1.024s/pixel
HXRBS					FePeak=03:09	Rast=0"x0"	Step=0"	Pitch=-127"	Yaw=+724"
BCS									
FCS									
UVSP									
Radio									

Event # = 11738		89/08/04		DOY=216	
89/08/04	10:05	DOY=216	NO6W00	SMM Pointing:	Pitch=+3", Yaw=-1", Roll=0deg
Optical	Start	Peak	End times		H. Ang=0deg
GOES	10:01	10:05	10:09	Ha...Class=SF	Mac.=8X0
HXRBS	10:02:37	10:02:51	10:03:06	Importance=C3	Carr. Lon.=133deg
UVSP	10:45	10:02:51	10:03:06	Peak...c/s=43	MaxkeV=102
				Wave length=2788A	Rast=180"x1"
					Step=0" Pitch=-121", Yaw=-70"
Event # = 11741		89/08/05		DOY=217	
89/08/05	02:23	DOY=217	S13E29	SMM Pointing:	Pitch=+125", Yaw=+521", Roll=-20deg
Optical	Start	Peak	End times		H. Ang=34deg
GOES	02:15	02:23	02:33	Ha...Class=SF	Mac.=DKI
HXRBS	02:17:02	02:17:19	02:20:10	Importance=C4	Carr. Lon.=165deg
UVSP	02:09	02:17:02	02:20:10	Peak...c/s=57	MaxkeV=102
				Wave length=2788A	Rast=180"x1"
					Step=0" Pitch=+7", Yaw=+445"
Event # = 11742		89/08/05		DOY=217	
89/08/05	02:54	DOY=217	S13E28	SMM Pointing:	Pitch=+130", Yaw=+511", Roll=-20deg
Optical	Start	Peak	End times		H. Ang=34deg
GOES	02:54:25	02:54:32	02:54:40	Ha...Class=SF	Mac.=DKI
HXRBS	03:07	02:54:32	02:54:40	Importance=C4	Carr. Lon.=165deg
UVSP		03:07	02:54:40	Peak...c/s=78	MaxkeV=102
				Wave length=2788A	Rast=180"x1"
					Step=0" Pitch=+10", Yaw=+438"
Event # = 11743		89/08/05		DOY=217	
89/08/05	08:31	DOY=217	S13E26	SMM Pointing:	Pitch=+145", Yaw=+476", Roll=-20deg
Optical	Start	Peak	End times		H. Ang=32deg
GOES	08:31:49	08:31:55	08:32:01	Ha...Class=SF	Mac.=DKI
HXRBS	08:18	08:31:49	08:32:01	Importance=C4	Carr. Lon.=165deg
UVSP		08:18	08:32:01	Peak...c/s=196	MaxkeV=102
				Wave length=2788A	Rast=180"x1"
					Step=0" Pitch=+27", Yaw=+400"
Event # = 11744		89/08/05		DOY=217	
89/08/05	08:39	DOY=217	S13E26	SMM Pointing:	Pitch=+145", Yaw=+476", Roll=-20deg
Optical	Start	Peak	End times		H. Ang=32deg
GOES	08:39:42	08:39:58	08:40:24	Ha...Class=SF	Mac.=DKI
HXRBS	08:18	08:39:42	08:40:24	Importance=C4	Carr. Lon.=165deg
UVSP		08:18	08:40:24	Peak...c/s=196	MaxkeV=102
				Wave length=2788A	Rast=180"x1"
					Step=0" Pitch=+27", Yaw=+400"
Event # = 11745		89/08/05		DOY=217	
89/08/05	10:23	DOY=217	S13E24	SMM Pointing:	Pitch=+153", Yaw=+456", Roll=-20deg
Optical	Start	Peak	End times		H. Ang=31deg
GOES	10:19	10:23	10:37	Ha...Class=IN	Mac.=CRO
HXRBS	10:19:41	10:22:30	10:29:02	Importance=M1	Carr. Lon.=133deg
UVSP	10:47	10:22:30	10:29:02	Peak...c/s=196	MaxkeV=187
				Wave length=2788A	Rast=180"x1"
				Frequency(MHz)/Flux(sfu):	Step=0" Pitch=+34", Yaw=+381"
Event # = 11752		89/08/05		DOY=217	
89/08/05	19:52	DOY=217	S19E49	SMM Pointing:	Pitch=+113", Yaw=+765", Roll=-20deg
Optical	Start	Peak	End times		H. Ang=55deg
GOES	19:47	19:52	20:01	Ha...Class=SF	Mac.=CRO
HXRBS	19:47:06	19:47:20	19:47:58	Importance=C6	Carr. Lon.=132deg
				Peak...c/s=36	MaxkeV=102

Event # = 12579
 89/08/05,23:52 Start DOY=217 Peak
 SMM Pointing: S19E47 Pitch=+123", Yaw=+745", Roll=-20deg H. Ang=53deg
 Ha...Class=SF AR5628 Carr. Lon.=143deg H. Ang=20deg
 Peak...c/s=39 MaxkeV=102 Flags=I
 23:52:16 23:52:47 23:53:54 Tot Cts=555

89/08/06 DOY=218
 Event # = 11748
 89/08/06,00:52 Start DOY=218 Pitch=+123", Yaw=+745", Roll=-20deg H. Ang=53deg
 SMM Pointing: S19E47
 GOES 00:16 01:09 End times Qual=02
 HXRBS 00:43:56 00:46:08 End times Qual=01 Tot Cts=1617
 Peak...c/s=57 MaxkeV=102

Event # = 11749
 89/08/06,02:05 Start DOY=218 Pitch=+129", Yaw=+734", Roll=-20deg H. Ang=52deg
 SMM Pointing: S19E46
 Optical S26E51 Mac.=BXO Carr. Lon.=70deg H. Ang=59deg
 GOES 02:00 02:05 End times Qual=01
 HXRBS 02:03:00 02:03:31 End times Qual=01 Tot Cts=1106
 Peak...c/s=79 MaxkeV=102

Event # = 12580
 89/08/06,07:51 Start DOY=218 Pitch=+143", Yaw=+704", Roll=-20deg H. Ang=49deg
 SMM Pointing: S19E43
 Optical S30E51 Mac.=BXO Carr. Lon.=67deg H. Ang=61deg
 Optical S27W11 AR5633 Carr. Lon.=129deg H. Ang=35deg
 GOES 07:45 07:51 End times Qual=03
 HXRBS 07:47:24 07:49:30 End times Qual=01 Tot Cts=48700
 Radio Frequency (MHz)/Flux(sfu): 2695/28 4995/99 8800/78 15400/110
 MaxkeV=369 Flags=I,ND

Event # = 12581
 89/08/06,10:15 Start DOY=218 Pitch=+150", Yaw=+692", Roll=-20deg H. Ang=48deg
 SMM Pointing: S19E42
 GOES 09:58 10:15 End times Qual=02
 HXRBS 09:58:02 09:58:20 End times Qual=01 Tot Cts=401
 Peak...c/s=71 MaxkeV=144 Flags=I

Event # = 12582
 89/08/06,12:17 Start DOY=218 Pitch=+154", Yaw=+682", Roll=-20deg H. Ang=48deg
 SMM Pointing: S19E41
 Optical S25W17 Mac.=DAO Carr. Lon.=133deg H. Ang=35deg
 GOES 12:02 12:17 End times Qual=04
 HXRBS 12:08:03 12:09:33 End times Qual=02 Tot Cts=22900
 Radio Sweeps Type/Intensity: IV/3 606/180 1415/270 2695/1000 4995/360 8800/240 15400/130
 Radio Frequency (MHz)/Flux(sfu): 245/560 410/290 Associated Event # = 12583
 HXRBS 12:17:43 12:17:57 End times Qual=01 Tot Cts=345
 HXRBS 12:23:36 12:23:53 End times Qual=01 Tot Cts=198
 Peak...c/s=47 MaxkeV=102
 Peak...c/s=47 MaxkeV=102
 Associated Event # = 12584
 Associated Event # = 12584

Event # = 12585
 89/08/06,13:56 Start DOY=218 Pitch=+158", Yaw=+672", Roll=-20deg H. Ang=47deg
 SMM Pointing: S19E40
 GOES 13:56:28 13:56:43 End times Qual=00
 HXRBS 13:56:28 13:56:54 End times Qual=01 Tot Cts=167
 Peak...c/s=40 MaxkeV=102 Flags=I

Event # = 12586
 89/08/06, 18:46 DOY=218
 Start Peak End times
 Optical SMM Pointing: S19E37 Pitch=+172", Yaw=+641", Roll=-20deg H. Ang=44deg
 GOES S13W02 AR5623 Mac.=EAO Carr. Lon.=114deg H. Ang=19deg
 HXRBS 18:46:01 18:46:15 18:46:26 Peak...c/s=41 Tot Cts=171 MaxkeV=102 Flags=I
 Event # = 11755
 89/08/06, 23:49 DOY=218
 Start Peak End times
 Optical SMM Pointing: S19E34 Pitch=+502", Yaw=-387", Roll=90deg H. Ang=42deg
 GOES 23:19 23:49 00:32 Ha...Class=IN S27W22 AR5622 Mac.=DAO Carr. Lon.=132deg H. Ang=39deg
 HXRBS 23:36:07 23:40:16 23:45:32 Importance=M5 Qual=02 MaxkeV=632
 GRS 23:39:00 23:43:00 Peak...c/s=7485 Tot Cts=4.05E+5 MaxkeV=632
 UVSP 23:37 23:43:00 Wavelength=1375A Code=01 Exp #=93560 Rast=30"x30" Step=5" Pitch=+505", Yaw=-490" Dur=240sec
 Radio Sweeps Type/Intensity: IV/3
 Radio Frequency (MHz)/Flux(sfu): 410/1800 606/340 1415/560 2695/1100 4995/1200 8800/2100 15400/2500
 HXRBS 23:18:22 23:18:58 23:19:57 Associated Event # = 11753
 UVSP 23:13 23:19:57 Peak...c/s=46 Qual=01 Tot Cts=664 MaxkeV=102
 Wavelength=1375A Exp #=93556 Rast=30"x30" Step=5" Pitch=+512", Yaw=-490"
 HXRBS 23:21:56 23:23:23 23:29:41 Associated Event # = 11754
 UVSP 23:13 23:23:23 23:29:41 Peak...c/s=70 Qual=01 Tot Cts=4201 MaxkeV=102
 Wavelength=1375A Exp #=93556 Rast=30"x30" Step=5" Pitch=+512", Yaw=-490"

89/08/07 DOY=219
 Event # = 11756
 89/08/07, 00:32 DOY=219
 Start Peak End times
 Optical SMM Pointing: S19E34 Pitch=+193", Yaw=+598", Roll=-20deg H. Ang=42deg
 GOES 00:32 00:32 00:34:22 Qual=05 MaxkeV=102
 HXRBS 00:32:04 00:32:25 00:34:22 Peak...c/s=42 Wave length=1375A Tot Cts=454
 UVSP 00:31 00:34:22 Wavelength=1375A Exp #=93561 Rast=265"x265" Step=5" Pitch=+201", Yaw=+609"

Event # = 11758
 89/08/07, 00:46 DOY=219
 Start Peak End times
 Optical SMM Pointing: S19E34 Pitch=+193", Yaw=+598", Roll=-20deg H. Ang=42deg
 Optical Ha...Class=1F S16E34 AR5629 Mac.=DKC Carr. Lon.=75deg H. Ang=40deg
 GOES 00:32 00:46 01:09 Ha...Class=SF S27E45 AR5633 Carr. Lon.=64deg H. Ang=55deg
 HXRBS 00:40:11 00:42:21 00:44:25 Importance=M1 Qual=01 Tot Cts=2839 MaxkeV=102
 UVSP 00:35 00:44:25 Peak...c/s=79 Qual=01 Exp #=93562 Rast=70"x70" Step=5" Pitch=+298", Yaw=+702"
 Radio Frequency (MHz)/Flux(sfu): 4995/59 8800/48
 HXRBS 00:36:09 00:36:51 00:38:39 Associated Event # = 11757
 UVSP 00:36:09 00:36:51 00:38:39 Peak...c/s=54 Qual=01 Tot Cts=675 MaxkeV=102

Event # = 11759
 89/08/07, 05:13 DOY=219
 Start Peak End times
 Optical SMM Pointing: S19E31 Pitch=+207", Yaw=+566", Roll=-20deg H. Ang=39deg
 GOES 05:12:36 05:13:03 05:13:09 Ha...Class=SF S20E29 AR5629 Carr. Lon.=78deg H. Ang=39deg
 HXRBS 04:57 05:13:03 05:13:09 Peak...c/s=36 Qual=01 Tot Cts=116 MaxkeV=102
 UVSP 04:57 05:13:03 05:13:09 Wavelength=2788A Exp #=93574 Rast=180"x1" 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"	Pitch=+89", Yaw=+491"
UVSP	05:54		Wavelength=2788A	Exp #=93575	Step=0"
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"	Pitch=+114", Yaw=+434"
UVSP	14:11		Wavelength=2788A	Exp #=93586	Step=0"
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	Qual=01	MaxkeV=321	
HXRBS	17:28:56	17:29:34	Peak...c/s=410	Rast=243" x243"	Pitch=+252", Yaw=+494"
UVSP	17:28		Wavelength=2788A	Exp #=93590	Step=3"
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"	Pitch=+324", Yaw=+600"
UVSP	19:02		Wavelength=1375A	Exp #=93594	Step=5"
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	Qual=03	Flags=M5, ES	Dur=480sec
HXRBS	20:49:19	21:09:03	Peak...c/s=13880	MaxkeV=859	
GRS	20:52:00	21:00:00	Code=00	Rast=30" x30"	Pitch=+185", Yaw=+472"
UVSP	20:57		Wavelength=1375A	Exp #=93607	Step=5"
Radio Sweeps	Type/Intensity:		III/3		
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	FePeak.c/s=6	#Peaks=1
BCS	22:01	22:03	Importance=M1	Rast=0" x0"	dt= 7.7s
FCS	22:01		CaPeak.c/s=19	Rast=265" x265"	XEN=921900
UVSP	22:05		Wavelength=1375A	Exp #=93610	Cad=1.02s
					Pitch=+266", Yaw=+460"

Event # = 11765		89/08/08		DOY=220			
89/08/08	00:17	DOY=220	SMM Pointing:		S19E21	Pitch=+263", Yaw=+436", Roll=-20deg H. Ang=32deg	
	Start	Peak	End times				
GOES	00:17:41	00:17:56	00:18:38	Qual=00			
HXRBS	00:17:41	00:17:56	00:18:38	Qual=01			
UVSP	00:14			Tot Cts=213			
Radio	Frequency(MHz)/Flux(sfu):		245/520	Exp #=93627		Step=5" Pitch=+185", Yaw=+448"	
Event # = 23052							
89/08/08	04:32	DOY=220					
	Start	Peak	End times				
Optical							
GOES	04:28	04:32	04:55	Ha...Class=SF	S17E17	AR5629	Carr. Lon.=77deg H. Ang=29deg
BCS	04:40	04:40	05:00	Ha...Class=SF	S22E20	AR5633	Carr. Lon.=74deg H. Ang=34deg
FCS				Importance=C2	Qual=05		
UVSP	04:58			CaPeak.c/s=31	Qual= 5	FePeak=04:48	#Peaks=1 dt= 7.7s XEN=922000
				Wavelength=2788A		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	Ha...Class=SF	S16E18	AR5629	Carr. Lon.=75deg H. Ang=29deg
BCS	05:42	05:43	06:32	Importance=M4	Qual=05		#Peaks=1 dt= 3.8s XEN=922001
FCS				CaPeak.c/s=471	Qual= 4	FePeak=05:43	Step=15" Cad= 262s 1.024s/pixel
UVSP	05:35			Wavelength=2788A		Exp #=93641	Step=0" Pitch=+161", Yaw=+321"
Event # = 23054							
89/08/08	06:32	DOY=220					
	Start	Peak	End times				
GOES	06:32	06:32	06:38	CaPeak.c/s=23	Qual=00		#Peaks=1 dt= 7.7s XEN=922002
BCS	06:32	06:37	06:38	Peak3..c/s=31	Qual= 5	FePeak=06:32	Step=15" Cad= 262s 1.024s/pixel
UVSP	06:30			Wavelength=2788A		Exp #=93642	Rast=180"x1" Pitch=+164", Yaw=+314"
Event # = 12672							
89/08/08	07:42	DOY=220					
	Start	Peak	End times				
Optical							
GOES	07:40:49	07:41:03	07:41:34	SMM Pointing:	S19E17	Pitch=+287", Yaw=+377", Roll=-20deg H. Ang=30deg	
HXRBS	07:42	07:42	07:46	Peak...c/s=86	Qual=01		#Peaks=1 dt= 7.7s XEN=922003
BCS	07:42	07:42	07:46	CaPeak.c/s=41	Qual=01	Tot Cts=973	Flags=I
FCS				Wavelength=2788A	Qual= 1	FePeak=07:42	#Peaks=1 dt= 7.7s XEN=922003
UVSP	08:04					Exp #=93644	Step=0" Cad= 1.02s 1.024s/pixel
							Rast=180"x1" Pitch=+169", Yaw=+303"
Event # = 23055							
89/08/08	19:22	DOY=220					
	Start	Peak	End times				
Optical							
GOES	19:12	19:22	19:32	Ha...Class=SN	S16E09	AR5629	Carr. Lon.=77deg H. Ang=24deg
BCS	19:33	19:33	19:39	Importance=C4	Qual=05		#Peaks=1 dt= 7.7s XEN=922004
FCS				CaPeak.c/s=34	Qual= 5	FePeak=19:34	Step=0" Cad= 1.02s 1.024s/pixel
UVSP	19:37			Wavelength=1375A		Exp #=93680	Step=5" Pitch=+332", Yaw=+297"

Event # = 23056	DOY=220	Peak	End times																		
89/08/08 21:36	21:36	21:42	21:36	21:42	CaPeak.c/s=34	Qual=00	FePeak=21:34	Exp #=93686													
GOES	21:32				Wavelength=1375A																
BCS																					
FCS																					
UVSP	21:27																				
89/08/09 DOY=221																					
Event # = 23057	DOY=221	Peak	End times																		
89/08/09 00:34	00:34	00:43	00:34	00:43	CaPeak.c/s=31	Qual=01	FePeak=00:32	Exp #=93701													
Optical					Wavelength=2788A																
GOES	00:31																				
BCS																					
FCS																					
UVSP	00:22																				
89/08/09 DOY=221																					
Event # = 11766	DOY=221	Peak	End times																		
89/08/09 03:33	03:33	03:37	03:33	03:37	Importance=C4	Qual=02	Tot Cts=1812	Exp #=93704													
GOES	03:30				Peak...c/s=178	Qual=01															
HXRBS	03:30:08				Wavelength=2788A	Code=01															
UVSP	03:08																				
89/08/09 DOY=221																					
Event # = 11767	DOY=221	Peak	End times																		
89/08/09 06:49	06:49	06:58	06:49	06:58	Importance=C4	Qual=03	Tot Cts=3670	Exp #=93709													
Optical					Wave length=2788A																
Optical																					
GOES	06:46																				
HXRBS	06:46:19																				
UVSP	07:08																				
89/08/09 DOY=221																					
Event # = 11768	DOY=221	Peak	End times																		
89/08/09 10:21	10:21	10:24	10:21	10:24	Importance=C3	Qual=01	Tot Cts=4945	Exp #=93713													
Optical					Wave length=2788A	Code=00															
Optical																					
GOES	10:17																				
HXRBS	10:18:29																				
UVSP	10:13																				
Radio	Frequency(MHz)/Flux(sfu): 4995/84 8800/63																				
89/08/09 DOY=221																					
Event # = 23058	DOY=221	Peak	End times																		
89/08/09 17:23	17:23	17:28	17:23	17:28	CaPeak.c/s=44	Qual=01	FePeak=17:23	Exp #=93722													
Optical					Wavelength=2788A	Code=01															
GOES	17:18																				
BCS	17:19																				
FCS																					
UVSP	16:58																				

Event # = 11769	SMM Pointing:		S20W03	Pitch=+418", Yaw=+101", Roll=-20deg		H. Ang=27deg
89/08/09, 20:09	Start	End times				
GOES			Qual=00			
HXRBS	20:09:17	20:10:13	Qual=01	Tot Cts=424	MaxkeV=102	
UVSP	20:15			Exp #=93726	Rast=265"x265"	Pitch=+425", Yaw=+113"
Radio	Frequency(MHz)/Flux(sfu):	15400/64				
Event # = 23059	SMM Pointing:		S20W03	Pitch=+418", Yaw=+101", Roll=-20deg		H. Ang=27deg
89/08/09, 20:12	Start	End times				
GOES			Qual=00			
BCS	20:11	20:14	Qual= 4	FePeak=20:11	FePeak.c/s=8	dt= 7.7s XEN=922102
FCS					Rast=0"x0"	Cad=1.02s 1.024s/pixel
UVSP	20:15			Exp #=93726	Rast=265"x265"	Pitch=+425", Yaw=+113"
Event # = 11770	SMM Pointing:		S20W03	Pitch=+418", Yaw=+101", Roll=-20deg		H. Ang=27deg
89/08/09, 20:33	Start	End times				
Optical			S16E37	AR5634	Mac.=ESI	Carr. Lon.=35deg H. Ang=43deg
GOES			Qual=00			
HXRBS	20:33:46	20:34:03	Qual=01	Tot Cts=90	MaxkeV=102	
UVSP	20:29			Exp #=93730	Rast=30"x30"	Step=5" Pitch=+408", Yaw=+134"
Event # = 23060	SMM Pointing:		S17W12	Pitch=+426", Yaw=+77", Roll=-20deg		H. Ang=27deg
89/08/09, 22:12	Start	End times				
Optical			Qual=01	AR5629	Mac.=EKC	Carr. Lon.=83deg H. Ang=26deg
GOES	22:08	22:21	Qual= 4	FePeak=22:16	FePeak.c/s=8	dt= 7.7s XEN=922103
BCS	22:14	22:19			Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
FCS					Rast=50"x50"	Pitch=+403", Yaw=-10"
UVSP	22:12			Exp #=93740		
Event # = 11771	SMM Pointing:		S20W05	Pitch=+426", Yaw=+77", Roll=-20deg		H. Ang=27deg
89/08/09, 23:24	Start	End times				
GOES			Qual=00			
HXRBS	23:24:35	23:24:59	Qual=01	Tot Cts=214	MaxkeV=102	
UVSP	23:23			Exp #=93746	Rast=10"x10"	Step=0" Pitch=+411", Yaw=-39"
Event # = 23061	SMM Pointing:		S20W05	Pitch=+426", Yaw=+77", Roll=-20deg		H. Ang=27deg
89/08/10, 00:50	Start	End times				
GOES			Qual=01			
BCS	00:49	00:52	Qual= 4	FePeak=00:49	FePeak.c/s=7	dt= 7.7s XEN=922200
FCS					Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
UVSP	00:52			Exp #=93753	Rast=265"x265"	Pitch=+438", Yaw=+77"

Event # = 11772
 89/08/10,02:16 DOY=222 Peak
 Start End times
 SMM Pointing: S20W06 H.Ang=27deg
 Ha...Class=1N AR5629 Carr.Lon.=77deg
 Importance=M2 S14W08 H.Ang=22deg
 Peak...c/s=1273 Qual=02
 CaPeak.c/s=523 Qual=2 Tot Cts=51670
 FePeak=01:43 FePeak=15
 Wavelength=1375A Exp # = 93763
 1415/34 4995/53 8800/130 15400/360
 Associated Event # = 20505
 CaPeak.c/s=429 Qual=5 FePeak=02:23
 FePeak.c/s=43 #Peaks=1 dt= 3.8s XEN=922202
 Rast=180"x240" Step=15" Cad= 197s XEN=922202
 MaxkeV=144
 Pitch=+431", Yaw=+64", Roll=-20deg
 Mac.=EKC
 MaxkeV=275
 FePeak.c/s=162 dt= 3.8s XEN=922201
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
 Pitch=+335", Yaw=-13"
 Step=5"

Event # = 23062
 89/08/10,02:53 DOY=222 Peak
 Start End times
 SMM Pointing: S20W07 H.Ang=28deg
 Ha...Class=1N AR5639 Carr.Lon.=359deg
 Importance=M2 S14W08 H.Ang=22deg
 Peak...c/s=1273 Qual=02
 CaPeak.c/s=523 Qual=2 Tot Cts=51670
 FePeak=01:43 FePeak=15
 Wavelength=1375A Exp # = 93768
 1415/34 4995/53 8800/130 15400/360
 Associated Event # = 11773
 CaPeak.c/s=429 Qual=5 FePeak=02:23
 FePeak.c/s=43 #Peaks=1 dt= 3.8s XEN=922202
 Rast=180"x240" Step=15" Cad= 197s XEN=922202
 MaxkeV=144
 Pitch=+435", Yaw=+51", Roll=-20deg
 Mac.=EKC
 MaxkeV=275
 FePeak.c/s=162 dt= 3.8s XEN=922201
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
 Pitch=+325", Yaw=-16"
 Step=5"

Event # = 11774
 89/08/10,03:08 DOY=222 Peak
 Start End times
 SMM Pointing: S20W07 H.Ang=28deg
 Ha...Class=1N AR5639 Carr.Lon.=359deg
 Importance=M2 S14W08 H.Ang=22deg
 Peak...c/s=52 Qual=01
 CaPeak.c/s=52 Qual=1 Tot Cts=1436
 FePeak=03:08 FePeak=15
 Wavelength=1375A Exp # = 93770
 1415/34 4995/53 8800/130 15400/360
 Associated Event # = 11775
 CaPeak.c/s=429 Qual=5 FePeak=02:23
 FePeak.c/s=43 #Peaks=1 dt= 3.8s XEN=922202
 Rast=180"x240" Step=15" Cad= 197s XEN=922202
 MaxkeV=144
 Pitch=+435", Yaw=+51", Roll=-20deg
 Mac.=EKC
 MaxkeV=275
 FePeak.c/s=162 dt= 3.8s XEN=922201
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
 Pitch=+326", Yaw=-18"
 Step=5"

Event # = 11775
 89/08/10,03:13 DOY=222 Peak
 Start End times
 SMM Pointing: S20W07 H.Ang=28deg
 Ha...Class=1N AR5639 Carr.Lon.=359deg
 Importance=M2 S14W08 H.Ang=22deg
 Peak...c/s=83 Qual=01
 CaPeak.c/s=52 Qual=1 Tot Cts=914
 FePeak=03:16 FePeak=15
 Wavelength=1375A Exp # = 93770
 1415/34 4995/53 8800/130 15400/360
 Associated Event # = 11776
 CaPeak.c/s=429 Qual=5 FePeak=02:23
 FePeak.c/s=43 #Peaks=1 dt= 3.8s XEN=922202
 Rast=180"x240" Step=15" Cad= 197s XEN=922202
 MaxkeV=144
 Pitch=+439", Yaw=+40", Roll=-20deg
 Mac.=DAO
 MaxkeV=144
 Rast=30"x30" Step=5" Pitch=+326", Yaw=-18"
 Step=5"

Event # = 11776
 89/08/10,04:42 DOY=222 Peak
 Start End times
 SMM Pointing: S20W07 H.Ang=28deg
 Ha...Class=SF AR5639 Carr.Lon.=359deg
 Importance=M2 N27E68 H.Ang=68deg
 Peak...c/s=69 Qual=01
 CaPeak.c/s=52 Qual=1 Tot Cts=484
 FePeak=04:42 FePeak=15
 Wavelength=1375A Exp # = 93779
 1415/34 4995/53 8800/130 15400/360
 Associated Event # = 11777
 CaPeak.c/s=429 Qual=5 FePeak=02:23
 FePeak.c/s=43 #Peaks=1 dt= 3.8s XEN=922202
 Rast=180"x240" Step=15" Cad= 197s XEN=922202
 MaxkeV=144
 Pitch=+439", Yaw=+40", Roll=-20deg
 Mac.=DAO
 MaxkeV=144
 Rast=30"x30" Step=5" Pitch=+350", Yaw=+20"
 Step=5"

Event # = 11780
 89/08/10,05:27 Start DOY=222 Peak
 Optical S20W07 SMM Pointing: Pitch=+439",Yaw=+40",Roll=-20deg H.Ang=28deg
 Ha...Class=SF N28E66 Mac.=DAO Carr.Lon.=1deg H.Ang=66deg
 Ha...Class=SF S21W12 Carr.Lon.=79deg H.Ang=30deg
 GOES 05:27 05:31 Qual=01 MaxkeV=144 dt= 7.7s XEN=922205
 HXRBS 05:22:43 05:23:31 05:24:48 Peak...c/s=124 FePeak.c/s=9 Step=0 Cad=1.02s I.024s/pixel
 BCS 05:25 05:26 05:30 CaPeak.c/s=35 Wavelength=1375A Code=02 Rast=265"x265" Pitch=+451",Yaw=+40"
 FCS UVSP 05:29 Exp #=93780

Event # = 11777
 89/08/10,06:15 Start DOY=222 Peak
 Optical S20W08 SMM Pointing: Pitch=+443",Yaw=+27",Roll=-20deg H.Ang=28deg
 Ha...Class=SF S30E02 Mac.=DS0 Carr.Lon.=64deg H.Ang=36deg
 Ha...Class=SF N28E69 AR5633 Carr.Lon.=357deg H.Ang=68deg
 GOES 06:15:13 06:15:39 06:15:53 Peak...c/s=39 Qual=00 Tot Cts=226
 HXRBS 06:16 Wavelength=2788A Wave length=2788A Exp #=93789
 UVSP Step=0 Pitch=+325",Yaw=+206"

Event # = 11778
 89/08/10,07:25 Start DOY=222 Peak
 Optical S20W09 SMM Pointing: Pitch=+448",Yaw=+16",Roll=-20deg H.Ang=28deg
 Ha...Class=SF Qual=00
 Ha...Class=SF Qual=01
 GOES 07:23:21 07:23:35 07:23:46 Peak...c/s=43 Tot Cts=100
 HXRBS 07:24 07:25 07:30 CaPeak.c/s=34 FePeak=07:25
 BCS 07:24 07:25 07:30 Wave length=2788A Exp #=93791
 FCS UVSP 07:46 Wavelength=2788A

Event # = 11779
 89/08/10,07:41 Start DOY=222 Peak
 Optical S20W09 SMM Pointing: Pitch=+448",Yaw=+16",Roll=-20deg H.Ang=28deg
 Ha...Class=SF Qual=00
 Ha...Class=SF Qual=01
 GOES 07:41:39 07:41:48 07:41:53 Peak...c/s=42 Tot Cts=86
 HXRBS 07:46 Wavelength=2788A Wave length=2788A Exp #=93791
 UVSP Step=0 Pitch=+329",Yaw=+194"

Event # = 11781
 89/08/10,11:24 Start DOY=222 Peak
 Optical S20W11 SMM Pointing: Pitch=+456",Yaw=-9",Roll=-20deg H.Ang=29deg
 Ha...Class=SF Qual=02
 Ha...Class=SF Qual=01
 GOES 10:55 11:24 11:29 Importance=C3 Qual=01 Tot Cts=214
 HXRBS 10:55:42 10:55:49 10:56:02 Peak...c/s=58 Wave length=2788A Code=02 Exp #=93796
 UVSP 11:26 Wavelength=2788A

Event # = 11782
 89/08/10,21:11 Start DOY=222 Peak
 Optical S20W16 SMM Pointing: Pitch=+485",Yaw=-91",Roll=-20deg H.Ang=31deg
 Ha...Class=SF Qual=01
 Ha...Class=SF Qual=01
 GOES 21:08 21:11 21:15 Importance=C3 Qual=01 Tot Cts=2946
 HXRBS 21:08:58 21:09:34 21:10:34 Peak...c/s=260 FePeak.c/s=19 dt= 3.8s XEN=922207
 BCS 21:10 21:11 21:15 CaPeak.c/s=104 Wave length=2788A Code=00 Rast=30"x30" Cad=4.61s
 FCS UVSP 20:58 Wavelength=2788A Wave length=2788A Exp #=93828 Pitch=+477",Yaw=-5"

Event # = 11789	DOY=222	S20W17	SMM Pointing:	Pitch=+489", Yaw=-103", Roll=-20deg	H. Ang=32deg
89/08/10, 22:27	Peak	Qual=01	Importance=C3		
GOES 22:23	22:27	Qual=01	Peak...c/s=42	#Peaks=1	dt= 7.7s XEN=922208
HXRBS 22:24:08	22:24:31	Qual=1	CaPeak.c/s=42	Step=0"	Cad=1.02s 1.024s/pixel
BCS 22:24	22:26	Code=00	Wavelength=1375A	Step=5"	Pitch=+496", Yaw=-91"
FCS					
UVSP 22:24		Exp #=93829			
Event # = 11783	DOY=222	S20W18	SMM Pointing:	Pitch=+492", Yaw=-115", Roll=-20deg	H. Ang=32deg
89/08/10, 23:59	Peak	Qual=00	Importance=C3		
GOES 23:59:21	23:59:26	Qual=01	Peak...c/s=73	Step=5"	Pitch=+500", Yaw=-103"
HXRBS 23:56		Code=00	Wavelength=1375A		
UVSP		Exp #=93838			
Event # = 11784	DOY=223	S20W18	SMM Pointing:	Pitch=+492", Yaw=-115", Roll=-20deg	H. Ang=32deg
89/08/11, 00:16	Peak	S16W16	Ha...Class=SF	Carr. Lon.=72deg	
Optical		Qual=01	Importance=C4		
GOES 00:11	00:16	Qual=01	Peak...c/s=50	#Peaks=1	dt= 3.8s XEN=922300
HXRBS 00:12:18	00:14:16	Qual=1	CaPeak.c/s=95	Step=15"	Cad= 262s 1.024s/pixel
BCS 00:13	00:15	Code=00	Wavelength=1375A	Step=0"	Pitch=+442", Yaw=-162"
FCS					
UVSP 00:14		Exp #=93842			
Event # = 23063	DOY=223	N20E75	Ha...Class=SF	Carr. Lon.=341deg	H. Ang=74deg
89/08/11, 00:33	Peak	Qual=00	Importance=C7		
Optical		Qual=4	Peak...c/s=23	#Peaks=1	dt= 7.7s XEN=922301
GOES 00:32	00:33	Code=00:33	CaPeak.c/s=23	Step=15"	Cad= 262s 1.024s/pixel
BCS		Exp #=93844	Wavelength=1375A	Step=0"	Pitch=+443", Yaw=-94"
FCS					
UVSP 00:27					
Event # = 11785	DOY=223	S20W18	SMM Pointing:	Pitch=+492", Yaw=-115", Roll=-20deg	H. Ang=32deg
89/08/11, 00:49	Peak	N20E75	Ha...Class=SF	Carr. Lon.=341deg	H. Ang=74deg
Optical		Qual=00	Importance=C3		
GOES 00:48:01	00:48:22	Qual=01	Peak...c/s=32	#Peaks=1	dt= 7.7s XEN=922302
HXRBS 00:48	00:49	Qual=2	CaPeak.c/s=22	Step=15"	Cad= 262s 1.024s/pixel
BCS		Code=00:49	Wavelength=1375A	Step=0"	Pitch=+444", Yaw=-125"
FCS		Exp #=93846			
UVSP 00:41					
Event # = 11786	DOY=223	S20W19	SMM Pointing:	Pitch=+496", Yaw=-127", Roll=-20deg	H. Ang=33deg
89/08/11, 01:43	Peak	N21E56	Ha...Class=1F	Carr. Lon.=360deg	H. Ang=56deg
Optical		Qual=03	Importance=C7		
GOES 01:34	01:43	Qual=01	Peak...c/s=52	Step=5"	Pitch=+471", Yaw=-208"
HXRBS 01:35:51	01:36:42	Code=02	Wavelength=1375A		
UVSP 01:43		Exp #=93851			

Event # = 23064		DOY=223		End times			
89/08/11,03:39	Start	Peak					
GOES	03:37	03:39	03:40	Qual=00			
BCS				Qual=3	FePeak=03:37		
FCS					Exp #=93857		
UVSP	02:50			CaPeak.c/s=26			
				Wavelength=2788A			
Event # = 11787		DOY=223		SMM Pointing:			
89/08/11,04:52	Start	Peak					
GOES	04:52:18	04:52:21	04:52:30	Qual=00			
HXRBS				Qual=01	Tot Cts=97		
UVSP	05:18				Exp #=93860		
				Peak...c/s=47			
				Wavelength=2788A			
Event # = 11788		DOY=223		SMM Pointing:			
89/08/11,05:32	Start	Peak					
Optical				S12W21			
GOES	05:23	05:32	05:38	Qual=03	AR5629		
HXRBS	05:23:56	05:24:04	05:26:06	Qual=01	Tot Cts=986		
UVSP	05:18			Code=00	Exp #=93860		
				Ha...Class=SN			
				Importance=C9			
				Peak...c/s=63			
				Wavelength=2788A			
Event # = 23065		DOY=223		End times			
89/08/11,13:39	Start	Peak					
Optical				S16W25			
GOES	13:35	13:39	13:44	Qual=05	AR5629		
BCS	13:44	13:44	13:48	Qual=5	FePeak=13:44		
FCS							
UVSP	13:37			Code=00	Exp #=93871		
				Ha...Class=SN			
				Importance=C4			
				CaPeak.c/s=37			
				Wavelength=2788A			
Event # = 11790		DOY=223		SMM Pointing:			
89/08/11,13:56	Start	Peak					
GOES	13:55:10	13:55:48	13:56:54	Qual=02			
HXRBS				Qual=01	Tot Cts=1585		
BCS	13:55	13:56	14:32	Qual=3	FePeak=13:56		
FCS					Exp #=93871		
UVSP	13:37						
Radio				Wavelength=2788A			
				8800/76 15400/65			
Event # = 11791		DOY=223		SMM Pointing:			
89/08/11,18:47	Start	Peak					
Optical				S19W30			
GOES	18:44:14	18:44:36	18:45:18	S18W30	AR5629		
HXRBS				Qual=00	Tot Cts=676		
BCS	18:45	18:47	19:19	Qual=01	FePeak=18:46		
FCS				Qual=3	Exp #=93895		
UVSP	18:41						
Radio				Wavelength=1375A			
				15400/75			

89/08/12 DOY=224											
Event # = 11796	89/08/12, 00:52	DOY=224	Peak	SMM Pointing:	S19W33		Pitch=+542", Yaw=-326", Roll=-20deg	H. Ang=42deg			
Start	End times										
GOES	00:50:02	00:50:32	00:51:41	Peak...c/s=40	Qual=00		MaxkeV=102				
HXRBS	00:29	00:52	01:02	CaPeak.c/s=99	Qual=01	Tot Cts=406	FePeak.c/s=23	#Peaks=2	dt= 3.8s	XEN=922400	
FCS	00:36			Wavelength=1375A	Qual= 1	FePeak=00:51	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
UVSP						Exp #=93928	Rast=70"x70"	Step=5"	Pitch=+496"	Yaw=-306"	
Event # = 23069											
89/08/12, 01:11	DOY=224	Peak	End times								
Start	End times										
GOES	01:08	01:11	01:19	CaPeak.c/s=34	Qual=00	FePeak=01:08	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=922401	
HXRBS	00:36			Wavelength=1375A	Qual= 1	Exp #=93928	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
FCS							Rast=70"x70"	Step=5"	Pitch=+496"	Yaw=-306"	
UVSP											
Event # = 11797											
89/08/12, 02:12	DOY=224	Peak	End times	SMM Pointing:	S19W34		Pitch=+545", Yaw=-337", Roll=-20deg	H. Ang=42deg			
Start	End times										
GOES	02:09	02:12	02:15	Importance=C3	Qual=01		MaxkeV=188				
HXRBS	02:08:57	02:09:11	02:14:05	Peak...c/s=172	Qual=01	Tot Cts=2259	FePeak.c/s=14	#Peaks=1	dt= 3.8s	XEN=922402	
FCS	02:10	02:12	02:19	CaPeak.c/s=73	Qual= 1	FePeak=02:12	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
UVSP	02:05			Wavelength=2788A	Code=00	Exp #=93929	Rast=243"x243"	Step=3"	Pitch=+552"	Yaw=-324"	
Radio				Frequency(MHz)/Flux(sfu):							
				15400/87							
Event # = 11798											
89/08/12, 02:37	DOY=224	Peak	End times	SMM Pointing:	S19W34		Pitch=+545", Yaw=-337", Roll=-20deg	H. Ang=42deg			
Start	End times										
GOES	02:37:39	02:37:46	02:37:59	Peak...c/s=35	Qual=00		MaxkeV=144				
HXRBS	02:13			Wavelength=2788A	Qual=01	Tot Cts=91	Rast=39"x39"	Step=3"	Pitch=+483"	Yaw=-400"	
UVSP						Exp #=93930					
Event # = 23070											
89/08/12, 03:07	DOY=224	Peak	End times								
Start	End times										
Optical	02:58	03:07	03:24	Ha...Class=SF	S16W34	AR5629	Mac.=EKC	Carr. Lon.=76deg	H. Ang=40deg		
GOES	02:55			Importance=M2	Qual=02	Exp #=93931	Rast=180"x1"	Step=0"	Pitch=+425"	Yaw=-158"	
UVSP				Wavelength=2788A	Code=00						
Event # = 23071											
89/08/12, 03:35	DOY=224	Peak	End times								
Start	End times										
Optical	03:34	03:35	03:45	Ha...Class=SF	N16E77	AR5643	Mac.=0A0	Carr. Lon.=324deg	H. Ang=76deg		
GOES	03:28			CaPeak.c/s=55	Qual=00	FePeak=03:35	FePeak.c/s=13	#Peaks=1	dt= 3.8s	XEN=922404	
HXRBS				Wavelength=2788A	Qual= 5	Exp #=93932	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
FCS							Rast=180"x1"	Step=0"	Pitch=+427"	Yaw=-162"	
UVSP											

Event # = 23072		DOY=224							
89/08/12, 03:53	Start	End times							
GOES	03:51	04:01	CaPeak.c/s=32	Qual=00	FePeak=03:55	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=922405
BCS	03:53		WaveLength=2788A	Qual= 1	Exp #=93932	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel
FCS						Rast=180"x1"	Step=0"	Pitch=+427"	Yaw=-162"
UVSP	03:28								
Event # = 11799		DOY=224		SMM Pointing:				H. Ang=44deg	
89/08/12, 05:19	Start	End times		S19W36					
GOES	05:16:31	05:17:01	Peak...c/s=49	Qual=00	Tot Cts=338	MaxkeV=102	#Peaks=2	dt= 7.7s	XEN=922406
HXRBS	05:17	05:40	CaPeak.c/s=30	Qual=01	FePeak=05:17	FePeak.c/s=9	Step=0"	Cad=1.02s	1.024s/pixel
BCS				Qual= 1	Exp #=93934	Rast=0"x0"	Step=0"	Pitch=+429"	Yaw=-172"
FCS						Rast=180"x1"			
UVSP	04:59		WaveLength=2788A						
Event # = 23073		DOY=224							
89/08/12, 05:54	Start	End times							
GOES	05:47	05:58	CaPeak.c/s=30	Qual=00	FePeak=05:54	FePeak.c/s=6	#Peaks=2	dt= 7.7s	XEN=922407
BCS	05:54		WaveLength=2788A	Qual= 1	Exp #=93935	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
FCS						Rast=180"x1"	Step=0"	Pitch=+431"	Yaw=-178"
UVSP	05:56								
Event # = 11800		DOY=224		SMM Pointing:				H. Ang=44deg	
89/08/12, 06:02	Start	End times		S19W36					
GOES	06:02:33	06:03:02	Peak...c/s=43	Qual=00	Tot Cts=171	MaxkeV=102	#Peaks=1	dt= 3.8s	XEN=922408
HXRBS	06:02:41	06:03:02	WaveLength=2788A	Qual=01	Exp #=93935	Rast=180"x1"	Step=0"	Cad= 262s	1.024s/pixel
BCS	06:02:33	06:02:41						Pitch=+434"	Yaw=-188"
FCS	06:52	07:07							
UVSP	07:27								
Event # = 23074		DOY=224							
89/08/12, 07:09	Start	End times							
GOES	07:01	07:16	Importance=C3	Qual=01	FePeak=07:07	FePeak.c/s=17	#Peaks=1	dt= 7.7s	XEN=922409
BCS	07:09	07:16	CaPeak.c/s=77	Qual= 1	Exp #=93937	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel
FCS	06:52	07:07				Rast=180"x1"	Step=0"	Pitch=+434"	Yaw=-188"
UVSP	07:27		WaveLength=2788A						
Event # = 11801		DOY=224		SMM Pointing:				H. Ang=44deg	
89/08/12, 07:40	Start	End times		S19W37					
GOES	07:36	07:45	Importance=C7	Qual=02	Tot Cts=260	MaxkeV=102	#Peaks=1	dt= 7.7s	XEN=922409
HXRBS	07:30:11	07:30:27	Peak...c/s=38	Qual=01	FePeak=07:35	FePeak.c/s=8	Step=15"	Cad= 262s	1.024s/pixel
BCS	07:30	07:36	CaPeak.c/s=36	Qual= 2	Exp #=93937	Rast=240"x240"	Step=0"	Pitch=+434"	Yaw=-188"
FCS	07:30	07:35				Rast=180"x1"			
UVSP	07:27		WaveLength=2788A	Code=00					
Radio	Frequency(MHz)/Flux(sfu)	4995/60 8800/310		15400/420					

Event # = 23075		DOY=224		End times		Carr. Lon.=79deg		H. Ang=45deg	
89/08/12,08:02	Start	89/08/12,08:02	Peak						
Optical				Ha...Class=IN	S15W40				
GOES	07:55	08:02	08:26	Importance=M3	Qual=05		#Peaks=1	dt= 3.8s	XEN=922410
BCS	08:11	08:11	08:41	CaPeak.c/s=392	Qual= 5	FePeak=08:11	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	08:05			Wavelength=2788A	Code=02	Exp #=93938	Step=0"	Pitch=+435"	Yaw=-192"
Event # = 23076		DOY=224		End times		Carr. Lon.=69deg		H. Ang=38deg	
89/08/12,08:49	Start	89/08/12,08:49	Peak						
GOES				Qual=00					
BCS	08:46	08:49	08:53	CaPeak.c/s=23	Qual= 1	FePeak=08:46	#Peaks=1	dt= 7.7s	XEN=922411
FCS				Wavelength=2788A		Exp #=93939	Step=15"	Cad= 262s	1.024s/pixel
UVSP	09:01						Step=0"	Pitch=+437"	Yaw=-198"
Event # = 23077		DOY=224		End times		Carr. Lon.=559"		H. Ang=46deg	
89/08/12,09:04	Start	89/08/12,09:04	Peak						
GOES				Qual=00					
BCS	09:02	09:04	09:08	CaPeak.c/s=24	Qual= 4	FePeak=09:03	#Peaks=1	dt= 7.7s	XEN=922412
FCS				Wavelength=2788A		Exp #=93939	Step=15"	Cad= 262s	1.024s/pixel
UVSP	09:01						Step=0"	Pitch=+437"	Yaw=-198"
Event # = 23078		DOY=224		End times		Carr. Lon.=68deg		H. Ang=38deg	
89/08/12,09:04	Start	89/08/12,09:04	Peak						
Optical				Ha...Class=SN	S16W31				
GOES				Qual=00					
BCS	09:02	09:04	09:08	CaPeak.c/s=24	Qual= 4	FePeak=09:03	#Peaks=1	dt= 7.7s	XEN=922412
FCS				Wavelength=2788A		Exp #=93939	Step=15"	Cad= 262s	1.024s/pixel
UVSP	09:01						Step=0"	Pitch=+437"	Yaw=-198"
Event # = 11804		DOY=224		End times		Carr. Lon.=306deg		H. Ang=87deg	
89/08/12,10:37	Start	89/08/12,10:37	Peak						
Optical				SMM Pointing:	S19W38				
GOES				Ha...Class=SN	S16W31				
HXRBS	10:35:46	10:35:51	10:36:40	Peak...c/s=35	Qual=00				
BCS	09:43	10:37	10:41	CaPeak.c/s=49	Qual=01	Tot Cts=164	#Peaks=3	dt= 7.7s	XEN=922413
FCS				Wavelength=2788A	Qual= 2	FePeak=10:37	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	10:33					Exp #=93941	Step=0"	Pitch=+564"	Yaw=-388"
Event # = 11802		DOY=224		End times		Carr. Lon.=306deg		H. Ang=87deg	
89/08/12,12:47	Start	89/08/12,12:47	Peak						
Optical				SMM Pointing:	S19W40				
GOES	12:43	12:47	12:56	Code=EPL	N27E90				
HXRBS	12:53:28	12:54:11	12:54:40	Importance=C5	Qual=05				
BCS	12:55	12:55	12:57	Peak...c/s=30	Qual=01	Tot Cts=200	#Peaks=1	dt= 7.7s	XEN=922415
FCS				CaPeak.c/s=21	Qual= 4	FePeak=12:55	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	12:41			Wavelength=2788A	Code=00	Exp #=93944	Step=0"	Pitch=+568"	Yaw=-402"


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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 MaxkeV=102 #Peaks=2 dt= 3.8s XEN=922423
FCS 22:24 22:24 Wavelength=1375A Exp #=93960 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
UVSP 22:24 22:24 WaveLength=1375A Exp #=93960 Rast=265"x265" Step=5" Pitch=+558",Yaw=-519"

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Event # = 23084
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 FePeak.c/s=10 #Peaks=1 dt= 7.7s XEN=922500
BCS 04:15 04:15 Wavelength=1375A Exp #=93985 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
FCS 04:15 04:15 WaveLength=1375A Exp #=93985 Rast=265"x265" Step=5" Pitch=+558",Yaw=-486"
UVSP 04:15 04:15 WaveLength=1375A Exp #=93985 Rast=265"x265" Step=5" Pitch=+558",Yaw=-486"

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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 MaxkeV=102 #Peaks=1 dt= 3.8s XEN=922501
HXRBS 05:50:25 05:50:31 05:50:36 CaPeak.c/s=71 Qual=01 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
FCS 05:50:25 05:50:31 05:50:36 CaPeak.c/s=71 Qual=01 Rast=30"x30" Step=5" Pitch=+558",Yaw=-570"
UVSP 06:24 06:24 Wavelength=1375A Code=00 Exp #=94002
Radio Frequency(MHz)/Flux(sfu): 8800/26 15400/140

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Event # = 11947
89/08/13,06:27 DOY=225 Peak Start End times
SMM Pointing: S19W50 Carr.Lon.=81deg H.Ang=55deg
GOES 06:24 06:27 06:31 Importance=C3 Qual=01 Mac.=FKC
HXRBS 06:24:01 06:24:17 06:24:36 Peak...c/s=176 Qual=04 FePeak.c/s=185 #Peaks=1 dt= 3.8s XEN=922502
BCS 06:25 06:26 06:31 CaPeak.c/s=581 Qual=03 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
FCS 06:25 06:26 06:31 CaPeak.c/s=581 Qual=03 Rast=265"x265" Step=5" Pitch=+598",Yaw=-503"
UVSP 07:20 07:20 Wavelength=1375A Code=00 Exp #=94003
Radio Frequency(MHz)/Flux(sfu): 1415/64 2695/38 4995/39 8800/170 15400/400

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Event # = 11948
89/08/13,07:22 DOY=225 Peak Start End times
SMM Pointing: S19W50 Carr.Lon.=81deg H.Ang=55deg
Optical 07:16 07:22 07:35 Ha...Class=1F S22W55 MaxkeV=321 #Peaks=1 dt= 3.8s XEN=922503
GOES 07:16:38 07:19:13 07:21:53 Importance=M1 Qual=04 FePeak.c/s=185 #Peaks=1 dt= 3.8s XEN=922502
HXRBS 07:17 07:21 07:41 CaPeak.c/s=581 Qual=03 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
FCS 07:17 07:21 07:41 CaPeak.c/s=581 Qual=03 Rast=265"x265" Step=5" Pitch=+598",Yaw=-503"
UVSP 07:41 07:41 07:46 Wavelength=1375A Code=00 Exp #=94007
Radio Frequency(MHz)/Flux(sfu): 1415/64 2695/38 4995/39 8800/170 15400/400
Associated Event # = 23085
BCS 07:41 07:41 07:46 CaPeak.c/s=29 Qual=5 FePeak.c/s=13 #Peaks=1 dt= 7.7s XEN=922503
FCS 07:41 07:41 07:46 CaPeak.c/s=29 Qual=5 FePeak.c/s=13 #Peaks=1 dt= 7.7s XEN=922503
UVSP 07:34 07:34 Wavelength=1375A Exp #=94007 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
Rast=30"x30" Step=5" Pitch=+560",Yaw=-571"

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Event # = 23086 89/08/13, 09:27 Start	DOY=225 Peak	End times	Qual=00	FePeak=09:25	FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=922504
GOES	09:24	09:32	Qual= 1	Exp #=94014	Rast=180"x1"	Step=0"	Cad=1.02s	1.024s/pixel
BCS							Pitch=+472"	Yaw=-343"
FCS	09:37							
UVSP								
Event # = 23087 89/08/13, 11:00 Start	DOY=225 Peak	End times	Qual=00	FePeak=10:59	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=922505
GOES	10:59	11:03	Qual= 4	Exp #=94016	Rast=180"x1"	Step=0"	Cad=1.02s	1.024s/pixel
BCS							Pitch=+474"	Yaw=-351"
FCS	11:10							
UVSP								
Event # = 23088 89/08/13, 11:13 Start	DOY=225 Peak	End times	Qual=00	FePeak=11:13	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=922506
GOES	11:13	11:17	Qual= 4	Exp #=94016	Rast=180"x1"	Step=0"	Cad=1.02s	1.024s/pixel
BCS							Pitch=+474"	Yaw=-351"
FCS	11:10							
UVSP								
Event # = 11952 89/08/13, 11:55 Start	DOY=225 Peak	SMM Pointing:	S19W52	Code=00	Exp #=94017			
GOES	11:51	Importance=C3	Qual=01					
HXRBS	11:51:20	Peak...c/s=85	Qual=01	Tot Cts=1080	MaxkeV=102	Flags=I	dt= 7.7s	XEN=922507
BCS	11:54	CaPeak.c/s=20	Qual= 5	FePeak=11:55	FePeak.c/s=6	#Peaks=1	Cad=1.02s	1.024s/pixel
FCS	11:54				Rast=180"x1"	Step=0"	Pitch=+475"	Yaw=-354"
UVSP	11:46	Wave length=2788A						
Event # = 11953 89/08/13, 13:25 Start	DOY=225 Peak	SMM Pointing:	S19W53	Code=00	Exp #=94019			
Optical		Ha...Class=SF	S19W54	AR5629	Mac.=FKC	Carr. Lon.=77deg		
GOES	13:24:28	Peak...c/s=512	Qual=00	Tot Cts=3040	MaxkeV=231	Flags=I	dt= 7.7s	XEN=922508
HXRBS	13:25	CaPeak.c/s=34	Qual=01	FePeak=13:25	FePeak.c/s=10	#Peaks=1	Cad=1.02s	1.024s/pixel
BCS	13:25		Qual= 5		Rast=265"x265"	Step=5"	Pitch=+604"	Yaw=-535"
FCS	13:30	Wave length=1375A						
UVSP	13:30	4995/93 8800/210	15400/310					
Radio	13:30	Frequency(MHz)/Flux(sfu):						
Event # = 23089 89/08/13, 14:01 Start	DOY=225 Peak	End times	N29W63	AR5633	Mac.=HAX	Carr. Lon.=85deg		
Optical		Ha...Class=SF	Qual=05	FePeak=14:11	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=922509
GOES	13:55	Importance=C7	Qual= 5	Exp #=94025	Rast=30"x30"	Step=5"	Cad=1.02s	1.024s/pixel
BCS	14:11	CaPeak.c/s=22					Pitch=+582"	Yaw=-609"
FCS	14:11							
UVSP	13:56	Wave length=1375A	Code=00					

Event # = 23090		DOY=225													
89/08/13	15:03	Start	Peak	End times											
Optical															
GOES															
BCS	14:58	15:03	15:46	15:03	15:46	15:03	15:46	S18W56	AR5629	AR5629	AR5629	AR5629	AR5629	AR5629	AR5629
FCS								Qual=05	FePeak=15:02	FePeak=15:02	FePeak=15:02	FePeak=15:02	FePeak=15:02	FePeak=15:02	FePeak=15:02
UVSP	15:03							Qual=4	Exp #=94028	Exp #=94028	Exp #=94028	Exp #=94028	Exp #=94028	Exp #=94028	Exp #=94028
								Wavelength=1375A							
Event # = 23091		DOY=225													
89/08/13	15:53	Start	Peak	End times											
GOES															
BCS	15:52	15:53	15:55	15:53	15:55	15:53	15:55	Qual=00	FePeak=15:53	FePeak=15:53	FePeak=15:53	FePeak=15:53	FePeak=15:53	FePeak=15:53	FePeak=15:53
FCS								Qual=2	Exp #=94036	Exp #=94036	Exp #=94036	Exp #=94036	Exp #=94036	Exp #=94036	Exp #=94036
UVSP	15:39							CaPeak.c/s=26							
								Wavelength=1375A							
Event # = 23092		DOY=225													
89/08/13	16:32	Start	Peak	End times											
Optical															
GOES	16:18	16:32	16:45	16:32	16:45	16:32	16:45	N15E57	AR5643	AR5643	AR5643	AR5643	AR5643	AR5643	AR5643
BCS	16:30	16:31	17:22	16:31	17:22	16:31	17:22	Qual=04	FePeak=16:30	FePeak=16:30	FePeak=16:30	FePeak=16:30	FePeak=16:30	FePeak=16:30	FePeak=16:30
FCS								Qual=4	Exp #=94037	Exp #=94037	Exp #=94037	Exp #=94037	Exp #=94037	Exp #=94037	Exp #=94037
UVSP	16:34							Code=02							
								Wavelength=1375A							
Event # = 11808		DOY=225													
89/08/13	19:48	Start	Peak	End times											
Optical															
GOES	19:45	19:48	19:50	19:48	19:50	19:48	19:50	S19W56	AR5629	AR5629	AR5629	AR5629	AR5629	AR5629	AR5629
HXRBS	19:46:56	19:47:10	19:47:45	19:47:10	19:47:45	19:47:10	19:47:45	S18W53	AR5629	AR5629	AR5629	AR5629	AR5629	AR5629	AR5629
BCS	19:47	19:48	19:51	19:48	19:51	19:48	19:51	Qual=01	Tot Cts=500	Tot Cts=500	Tot Cts=500	Tot Cts=500	Tot Cts=500	Tot Cts=500	Tot Cts=500
FCS								Qual=1	FePeak=19:48	FePeak=19:48	FePeak=19:48	FePeak=19:48	FePeak=19:48	FePeak=19:48	FePeak=19:48
UVSP	19:41							Code=00	Exp #=94057	Exp #=94057	Exp #=94057	Exp #=94057	Exp #=94057	Exp #=94057	Exp #=94057
HXRBS	19:45:34	19:45:43	19:46:04	19:45:43	19:46:04	19:45:43	19:46:04	Associated	Event # = 11807	Event # = 11807	Event # = 11807	Event # = 11807	Event # = 11807	Event # = 11807	Event # = 11807
								Peak...c/s=64	Tot Cts=272	Tot Cts=272	Tot Cts=272	Tot Cts=272	Tot Cts=272	Tot Cts=272	Tot Cts=272
Event # = 23093		DOY=225													
89/08/13	20:25	Start	Peak	End times											
Optical															
GOES	20:20	20:25	20:30	20:25	20:30	20:25	20:30	S15W51	AR5629	AR5629	AR5629	AR5629	AR5629	AR5629	AR5629
BCS	20:29	20:30	20:32	20:30	20:32	20:30	20:32	Qual=05	FePeak=20:30	FePeak=20:30	FePeak=20:30	FePeak=20:30	FePeak=20:30	FePeak=20:30	FePeak=20:30
FCS								Qual=5	Exp #=94063	Exp #=94063	Exp #=94063	Exp #=94063	Exp #=94063	Exp #=94063	Exp #=94063
UVSP	20:22							Code=00							
								Wavelength=1375A							
Event # = 23094		DOY=225													
89/08/13	21:26	Start	Peak	End times											
GOES															
BCS	21:08	21:26	21:54	21:26	21:54	21:26	21:54	Qual=00	FePeak=21:26	FePeak=21:26	FePeak=21:26	FePeak=21:26	FePeak=21:26	FePeak=21:26	FePeak=21:26
FCS								Qual=1	Exp #=94065	Exp #=94065	Exp #=94065	Exp #=94065	Exp #=94065	Exp #=94065	Exp #=94065
UVSP	21:14							CaPeak.c/s=57							
								Wavelength=1375A							

Event # = 23095 89/08/13, 22:46 Start Peak 22:46 22:45	DOY=225 Peak 22:46 22:45	End times 22:50 23:32	Optical GOES BCS FCS UVSP	Ha...Class=1F Importance=C4 CaPeak.c/s=114 WaveLength=1375A Code=02 Exp #=94067	S17W62 Qual=04 Qual=1	AR5629 FePeak=22:45	Mac.=FKC #Peaks=1 Step=15 Step=5	Carr. Lon.=80deg dt= 3.8s Cad= 262s Pitch=-818", Yaw=-351"	H. Ang=66deg XEN=922516 1.024s/pixel
Event # = 11809 89/08/14, 00:25 Start Peak 00:22 00:23:18 00:22	DOY=226 Peak 00:25 00:23:52 00:22	End times 00:28 00:24:53	Optical GOES HXRBS UVSP Radio	SMM Pointing: Importance=C5 Peak...c/s=717 WaveLength=2788A Code=00 Exp #=94069	S20W58 Qual=01 Qual=01	Tot Cts=8043 Exp #=94069	Pitch=+607", Yaw=-589", Roll=-20deg MaxkeV=275 Rast=39"x39"	H. Ang=63deg Pitch=+587", Yaw=-573"	
Event # = 11810 89/08/14, 00:34 Start Peak 00:33:26 00:22	DOY=226 Peak 00:34:05 00:22	End times 00:34:41	Optical GOES HXRBS UVSP Radio	SMM Pointing: Peak...c/s=46 WaveLength=2788A	S19W59 Qual=00 Qual=01	Tot Cts=292 Exp #=94069	Pitch=+607", Yaw=-599", Roll=-20deg MaxkeV=102 Rast=39"x39"	H. Ang=64deg Pitch=+587", Yaw=-573"	
Event # = 11811 89/08/14, 00:53 Start Peak 00:39 00:39:26 00:42:00 01:43 00:22	DOY=226 Peak 00:53 00:43:12 01:08:31 00:52:00 02:41	End times 03:53 01:08:31 00:52:00 02:41	Optical GOES HXRBS GRS BCS FCS UVSP Radio	SMM Pointing: Ha...Class=3B Importance=X4 Peak...c/s=53950 CaPeak.c/s=2251 WaveLength=2788A Code=00 Exp #=94069	S19W59 S16W60 Qual=03 Qual=11 Qual= 5	AR5629 Tot Cts=1.39E+7 FePeak=01:44 Exp #=94069	Pitch=+607", Yaw=-599", Roll=-20deg Mac.=EKI Flags=M5, IN, DG Dur=600sec XEN=922601 1.024s/pixel	H. Ang=64deg H. Ang=64deg H. Ang=64deg	
Event # = 11812 89/08/14, 04:05 Start Peak 04:00:47 03:15 04:05	DOY=226 Peak 04:02:41 04:05 04:13	End times 04:03:48 04:13	Optical GOES HXRBS BCS FCS UVSP Radio	SMM Pointing: Ha...Class=SF Peak...c/s=143 CaPeak.c/s=432 WaveLength=2788A Code=00 Exp #=94074	S19W61 S16W63 Qual=03 Qual=01 Qual=1	AR5629 Tot Cts=4043 FePeak=04:03 Exp #=94074	Pitch=+609", Yaw=-610", Roll=-20deg Mac.=EKI Carr. Lon.=78deg MaxkeV=102 FePeak.c/s=79 Rast=240"x240"	H. Ang=65deg H. Ang=66deg H. Ang=65deg	
Event # = 23097 89/08/14, 04:13 Start Peak 04:13 04:13 04:05	DOY=226 Peak 04:13 04:13 04:05	End times 04:14	Optical GOES BCS FCS UVSP Radio	Ha...Class=SF CaPeak.c/s=19 WaveLength=2788A	N26E77 Qual=02 Qual= 5	FePeak=04:13 Exp #=94074	Mac.=HAX #Peaks=1 Step=15 Step=0"	H. Ang=75deg XEN=922603 1.024s/pixel	

Event # = 23098									
89/08/14,04:49	DOY=226	Peak	End times						
GOES	04:48	04:49	05:45	05:45	Qual=00	FePeak=04:48	Exp #=94075	dt= 3.8s	XEN=922604
BCS			CaPeak.c/s=78		Qual= 5			Cad= 262s	1.024s/pixel
FCS			Wavelength=2788A					Pitch=+488"	Yaw=-431"
UVSP	04:41								
Event # = 11813									
89/08/14,06:34	DOY=226	Peak	End times						
Optical			SMM Pointing:		S19W62			Pitch=+610", Yaw=-620", Roll=-20deg	H. Ang=66deg
GOES			Ha...Class=SF		S13W27			Mac.=FAO	Carr. Lon.=40deg
HXRBS	06:30:18	06:34:07	06:38:38	06:38:38	Qual=00			MaxkeV=144	H. Ang=33deg
UVSP	06:14		Peak...c/s=42		Qual=01	Tot Cts=2176		Rast=180"x1"	Step=0"
			Wavelength=2788A			Exp #=94077		Pitch=+490"	Yaw=-437"
Event # = 11814									
89/08/14,06:43	DOY=226	Peak	End times						
Optical			SMM Pointing:		S19W62			Pitch=+610", Yaw=-620", Roll=-20deg	H. Ang=66deg
GOES			Peak...c/s=40		Qual=00			MaxkeV=102	
HXRBS	06:42:43	06:43:07	06:43:11	06:43:11	Qual=01	Tot Cts=99		Rast=180"x1"	Pitch=+490", Yaw=-441"
UVSP	07:09		Wavelength=2788A			Exp #=94078			
Event # = 11815									
89/08/14,06:44	DOY=226	Peak	End times						
Optical			SMM Pointing:		S19W62			Pitch=+610", Yaw=-620", Roll=-20deg	H. Ang=66deg
GOES			Peak...c/s=39		Qual=00			MaxkeV=102	
HXRBS	06:44:11	06:44:22	06:44:42	06:44:42	Qual=01	Tot Cts=127		Rast=180"x1"	Pitch=+490", Yaw=-441"
UVSP	07:09		Wavelength=2788A			Exp #=94078			
Event # = 11817									
89/08/14,07:07	DOY=226	Peak	End times						
Optical			SMM Pointing:		S19W62			Pitch=+610", Yaw=-620", Roll=-20deg	H. Ang=66deg
GOES	07:00	07:07	07:09	07:09	S16W65	AR5629		Mac.=EKI	Carr. Lon.=78deg
HXRBS	07:04:32	07:04:43	07:06:22	07:06:22	Qual=01	Tot Cts=3145		MaxkeV=102	H. Ang=68deg
BCS	06:20	07:06	07:17	07:17	Qual=01	FePeak=07:06		FePeak.c/s=63	dt= 3.8s
FCS			CaPeak.c/s=235		Qual= 1			Rast=0"x0"	XEN=922605
UVSP	07:09		Wavelength=2788A		Code=02	Exp #=94078		Rast=180"x1"	Cad=1.02s
HXRBS	06:59:59	07:00:19	07:01:14	07:01:14	Associated	Event # = 11816		Pitch=+490"	Yaw=-441"
			Peak...c/s=101		Qual=01	Tot Cts=1253		MaxkeV=102	
Event # = 23099									
89/08/14,08:23	DOY=226	Peak	End times						
Optical			SMM Pointing:		S19W62			Pitch=+610", Yaw=-620", Roll=-20deg	H. Ang=66deg
GOES			Ha...Class=SF		S16W65	AR5629		Mac.=EKI	Carr. Lon.=78deg
BCS	07:52	08:23	08:31	08:31	Qual=00	Tot Cts=13		MaxkeV=102	H. Ang=68deg
FCS			CaPeak.c/s=29		Qual= 4	FePeak=08:23		FePeak.c/s=13	dt= 7.7s
UVSP	08:42		Wavelength=2788A		Qual=00	Exp #=94080		Rast=0"x0"	XEN=922606
			Peak...c/s=101		Qual=01	Tot Cts=1253		Rast=180"x1"	Cad=1.02s
			Wavelength=2788A					Pitch=+491"	Yaw=-447"

Event # = 12587 89/08/14, 09:57 Start	DOY=226 Peak	End times	SMM Pointing:	S19W64	Pitch=+611", Yaw=-631", Roll=-20deg	H. Ang=68deg
GOES	09:57:57	09:58:19	Peak...c/s=41	Qual=00	MaxkeV=102	Flags=I
HXRBS	09:57:57	09:58:05	CaPeak.c/s=32	Qual=01	FePeak.c/s=9	#Peaks=1
BGS	09:24	09:58	Wave length=2788A	Qual= 5	Rast=0"x0"	Step=0"
FCS					Rast=180"x1"	dt= 7.7s XEN=922607
UVSP	10:13				Exp #=94082	Cad=1.02s 1.024s/pixel
						Pitch=+491", Yaw=-453"
Event # = 12588 89/08/14, 10:16 Start	DOY=226 Peak	End times	SMM Pointing:	S19W64	Pitch=+611", Yaw=-631", Roll=-20deg	H. Ang=68deg
Optical			Ha...Class=1N	N15E47	Mac.=EKI	Carr. Lon.=324deg
GOES	10:11	10:24	Importance=M1	Qual=03		
HXRBS	10:11:04	10:13:54	Peak...c/s=467	Qual=01	MaxkeV=231	Flags=I
UVSP	10:13	10:17:00	Wave length=2788A	Code=00	Rast=180"x1"	Step=0"
Radio			8800/80 15400/72		Exp #=94082	Pitch=+491", Yaw=-453"
Event # = 12589 89/08/14, 10:58 Start	DOY=226 Peak	End times	SMM Pointing:	S19W65	Pitch=+613", Yaw=-641", Roll=-20deg	H. Ang=69deg
Optical			Ha...Class=SF	N29E71	Mac.=HAX	Carr. Lon.=300deg
GOES	10:54	11:00	Importance=C6	Qual=04		
HXRBS	10:56:07	10:57:01	Peak...c/s=42	Qual=01	MaxkeV=102	Flags=I
BGS	10:58	11:34	CaPeak.c/s=19	Qual= 5	FePeak.c/s=6	#Peaks=1
FCS					Rast=0"x0"	Step=0"
UVSP	10:51		Wave length=2788A	Code=00	Rast=180"x1"	dt= 7.7s XEN=922608
					Exp #=94083	Cad=1.02s 1.024s/pixel
						Pitch=+492", Yaw=-455"
Event # = 11818 89/08/14, 11:51 Start	DOY=226 Peak	End times	SMM Pointing:	S19W65	Pitch=+613", Yaw=-641", Roll=-20deg	H. Ang=69deg
Optical			Ha...Class=SF	N15E46	Mac.=EKI	Carr. Lon.=324deg
GOES	11:51:46	11:52:20	Peak...c/s=48	Qual=01	MaxkeV=102	
HXRBS	11:51:46	11:51:57	Wave length=2788A	Qual=01	Rast=180"x1"	Step=0"
UVSP	11:46				Exp #=94084	Pitch=+492", Yaw=-458"
Event # = 23100 89/08/14, 12:30 Start	DOY=226 Peak	End times	SMM Pointing:	S20W67	Mac.=EKI	Carr. Lon.=77deg
Optical			Ha...Class=SF	Qual=04		
GOES	12:29	13:26	CaPeak.c/s=106	Qual= 1	FePeak.c/s=18	#Peaks=1
BGS	12:29	13:26	Wave length=2788A	Qual= 1	Rast=240"x240"	dt= 3.8s XEN=922609
FCS					Rast=180"x1"	Cad= 262s 1.024s/pixel
UVSP	12:22				Exp #=94085	Pitch=+492", Yaw=-461"
Event # = 11819 89/08/14, 13:22 Start	DOY=226 Peak	End times	SMM Pointing:	S19W65	Pitch=+613", Yaw=-641", Roll=-20deg	H. Ang=69deg
GOES	13:21:55	13:22:06	Peak...c/s=38	Qual=00	MaxkeV=102	
HXRBS	13:21:55	13:22:06	Wave length=2788A	Qual=01	Rast=180"x1"	Step=0"
UVSP	13:19				Exp #=94086	Pitch=+492", Yaw=-464"

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	FePeak.c/s=9
GOES									Rast=0"x0"
BCS									Rast=180"x1"
FCS									#Peaks=1
UVSP									Step=0"
									dt= 7.7s
									XEN=922610
									Cad=1.02s
									1.024s/pixel
									Pitch=+493"
									Yaw=-469"
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	FePeak.c/s=11
GOES									Rast=240"x240"
BCS									Rast=180"x1"
FCS									#Peaks=1
UVSP									Step=15"
									dt= 3.8s
									XEN=922611
									Cad= 262s
									1.024s/pixel
									Pitch=+494"
									Yaw=-471"
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	FePeak.c/s=17
GOES									Rast=240"x240"
BCS									Rast=180"x1"
FCS									#Peaks=1
UVSP									Step=15"
									dt= 3.8s
									XEN=922612
									Cad= 262s
									1.024s/pixel
									Pitch=+494"
									Yaw=-476"
Event # = 11820		D0Y=226							
89/08/14,18:59	Start	18:55	18:59	19:04	18:59	Qual=00	Qual=01	FePeak=18:59	FePeak.c/s=13
GOES									Rast=240"x240"
BCS									Rast=180"x1"
FCS									#Peaks=3
UVSP									Step=15"
									dt= 7.7s
									XEN=922619
									Cad= 262s
									1.024s/pixel
									Pitch=+494"
									Yaw=-484"
Event # = 23104		D0Y=226							
89/08/14,19:24	Start	19:14	19:24	19:38	19:31	Qual=00	Qual=5	FePeak=19:31	FePeak.c/s=13
GOES									Rast=240"x240"
BCS									Rast=180"x1"
FCS									#Peaks=1
UVSP									Step=5"
									dt= 7.7s
									XEN=922614
									Cad=1083s
									2.048s/pixel
									Pitch=+589"
									Yaw=-687"
Event # = 11821		D0Y=226							
89/08/14,20:26	Start	20:10	20:26	20:31	20:26	Qual=00	Qual=01	FePeak=20:26	FePeak.c/s=9
GOES									Rast=115"x115"
BCS									Rast=110"x200"
FCS									#Peaks=1
UVSP									Step=5"
									dt= 7.7s
									XEN=922614
									Cad=1083s
									2.048s/pixel
									Pitch=+589"
									Yaw=-687"

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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 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 FePeak=21:46 #Peaks=1 dt= 7.7s XEN=922618
FCS 21:43 21:47 21:50 Wavelength=1375A Exp #=94103 Exp #=94103 Rast=240"x240" Step=5" Cad=1.02s XEN=922618
UVSP 21:48 21:48 21:50 Wavelength=1375A Exp #=94103 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 Step=0" Cad=1.02s XEN=922615
BCS 21:53 21:56 22:25 CaPeak.c/s=70 Qual=1 Rast=0"x0" Rast=0"x0" Cad=1.02s XEN=922615
UVSP 21:50 21:50 22:25 Wavelength=1375A Code=00 Exp #=94104 Exp #=94104 Rast=110"x200" Step=5" Pitch=+549" ,Yaw=-691"
-----
Event # = 11823
89/08/14,22:05 DOY=226 Peak Start End times
GOES 22:05:30 22:05:44 22:06:05 SMM Pointing: S19W70 Pitch=+614" ,Yaw=-672" ,Roll=-20deg H. Ang=74deg
HXRBs 22:05:30 22:05:44 22:06:05 Peak...c/s=73 Qual=00 MaxkeV=102 Tot Cts=585 #Peaks=1 dt= 7.7s XEN=922616
UVSP 21:50 21:50 22:05 Wavelength=1375A Qual=01 Exp #=94104 Exp #=94104 Rast=240"x240" Step=15" Cad= 262s XEN=922616
Radio Frequency(MHz)/Flux(sfu): 15400/57 Wavelength=1375A Exp #=94108 Exp #=94108 Rast=110"x200" Step=5" Pitch=+549" ,Yaw=-692"
-----
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 Exp #=94108 Exp #=94108 Rast=240"x240" Step=15" Cad= 262s XEN=922616
UVSP 22:26 22:26 22:41 Wavelength=1375A Exp #=94108 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 #Peaks=2 dt= 7.7s XEN=922617
BCS 23:15 23:28 00:13 CaPeak.c/s=1963 Qual=1 FePeak=23:27 Rast=240"x240" Step=15" Cad= 262s XEN=922617
UVSP 00:14 00:14 00:13 Wavelength=1375A Code=00 Exp #=94117 Exp #=94117 Rast=265"x265" Step=5" Pitch=+622" ,Yaw=-670"
Radio Frequency(MHz)/Flux(sfu): 410/57 2695/180 8800/950 15400/950 Associated Event # = 11824
HXRBs 23:20:04 23:25:04 23:38:22 Peak...c/s=744 Qual=12 Tot Cts=1.43E+5 #Peaks=2 dt= 7.7s XEN=922617
UVSP 23:23 23:23 23:38 Wavelength=1375A Exp #=94112 Exp #=94112 Rast=110"x200" Step=5" Pitch=+609" ,Yaw=-695"
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Event # = 11826
89/08/15,00:52 DOY=227 SMM Pointing: S19W72 Pitch=+615", Yaw=-682", Roll=-20deg H.Ang=75deg
Start Peak
Optical
GOES 00:46 00:52 01:10 Ha...Class=SF S18W74 Carr. Lon.=77deg H.Ang=77deg
HXRBS 00:46:20 00:47:54 01:04:46 Importance=M2 Qual=01
UVSP Peak...c/s=189 Qual=01 MaxkeV=102
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 Carr. Lon.=77deg H.Ang=77deg
UVSP 00:55 Peak...c/s=248 Qual=01 MaxkeV=144
Radio Frequency(MHz)/Flux(sfu): 15400/120 Rast=110"x200" Step=5" Pitch=+619", Yaw=-700"
-----
Event # = 11828
89/08/15,01:28 DOY=227 SMM Pointing: S19W72 Pitch=+615", Yaw=-682", Roll=-20deg H.Ang=75deg
Start Peak
GOES 01:20 01:28 01:45 Importance=M3 Qual=01
HXRBS 01:17:55 01:22:06 01:45:13 Peak...c/s=142 Qual=01
UVSP 01:27 Wavelength=1375A Code=00 Tot Cts=32637 MaxkeV=102
Rast=265"x265" Step=5" Pitch=+622", Yaw=-673"
-----
Event # = 11829
89/08/15,03:15 DOY=227 SMM Pointing: S19W72 Pitch=+615", Yaw=-682", Roll=-20deg H.Ang=75deg
Start Peak
Optical
Optical Ha...Class=SF S18W73 Carr. Lon.=75deg H.Ang=75deg
GOES 02:15 03:15 05:23 Ha...Class=SF N19E36 Carr. Lon.=326deg H.Ang=37deg
HXRBS 02:18:32 02:57:33 04:49:32 Importance=X1 Qual=02 Tot Cts=4.89E+6 MaxkeV=860 Dur=6000sec
GRS 02:35:00 04:15:00 Peak...c/s=4882 Qual=14 FePeak.c/s=245 #Peaks=1 dt= 3.8s XEN=922703
FCS 03:52 04:50 CaPeak.c/s=2431 Qual= 5 FePeak.c/s=240"x240" Step=15" Cad= 262s 1.024s/pixel
UVSP 03:03 Type/Intensity: IV/2 Rast=110"x200" Step=5" Pitch=+569", Yaw=-705"
Radio Sweeps Wavelength=1375A Code=00 Exp #=94132
Radio Frequency(MHz)/Flux(sfu): 245/120 410/5000 606/28000 1415/48000 2695/16000 4995/21000 8800/18000 15400/22000
-----
Event # = 11830
89/08/15,05:28 DOY=227 SMM Pointing: S19W74 Pitch=+615", Yaw=-692", Roll=-20deg H.Ang=77deg
Start Peak
GOES 05:26:41 05:26:58 05:27:23 Peak...c/s=46 Qual=00
HXRBS 05:25 05:28 06:22 CaPeak.c/s=408 Qual= 5 Tot Cts=368 MaxkeV=102
FCS 05:29 Wavelength=1375A Qual=01 FePeak.c/s=28 dt= 3.8s XEN=922704
UVSP 05:29 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel Rast=265"x265" Step=5" Pitch=+622", Yaw=-683"
-----
Event # = 11831
89/08/15,07:21 DOY=227 SMM Pointing: S19W74 Pitch=+615", Yaw=-692", Roll=-20deg H.Ang=77deg
Start Peak
GOES 07:21:52 07:21:55 07:22:22 Peak...c/s=44 Qual=00 Tot Cts=192 MaxkeV=102
HXRBS 07:20 Wavelength=1375A Qual=01 Exp #=94153 Rast=265"x265" Step=5" Pitch=+622", Yaw=-687"
UVSP

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Event # = 11833 89/08/15, 09:32 Start	DOY=227 Peak	S19W76	SMM Pointing:	Pitch=+614", Yaw=-703", Roll=-20deg	H. Ang=80deg
Optical	End times	S19W79	Ha...Class=SF	Mac.=EKC	H. Ang=82deg
GOES 09:24	09:32	Qual=03	Importance=C9		
HXRBS 09:24:23	09:25:31	Qual=01	Peak...c/s=35		
BCS 08:59	09:25	Qual= 2	CaPeak.c/s=96		
FCS	09:27		Wavelength=2788A		
UVSP	09:18	Code=00	Exp #=94159		
Event # = 23109 89/08/15, 10:48 Start	DOY=227 Peak	Qual=00	CaPeak.c/s=76	#Peaks=2	XEN=922706
GOES 10:01	10:48	Qual= 4	Wavelength=2788A	Step=15"	1.024s/pixel
BCS				Step=0"	Pitch=+493", Yaw=-523"
FCS					
UVSP	10:51				
Event # = 11832 89/08/15, 12:36 Start	DOY=227 Peak	S19W76	SMM Pointing:	Pitch=+614", Yaw=-703", Roll=-20deg	H. Ang=80deg
Optical	End times	S16W78	Ha...Class=SF	Mac.=EKC	H. Ang=80deg
GOES 12:24	12:36	Qual=02	Importance=C6		
HXRBS 12:29:58	12:30:14	Qual=01	Peak...c/s=70		
BCS 11:34	12:30	Qual= 2	CaPeak.c/s=59		
FCS	12:32		Wavelength=2788A		
UVSP	12:23	Code=00	Exp #=94163		
Event # = 11834 89/08/15, 14:09 Start	DOY=227 Peak	S19W79	SMM Pointing:	Pitch=+613", Yaw=-713", Roll=-20deg	H. Ang=82deg
Optical	End times	S17W79	Ha...Class=IN	Mac.=EKC	H. Ang=82deg
GOES 13:27	14:09	Qual=02	Importance=M3		
HXRBS 13:45:52	13:48:09	Qual=04	Peak...c/s=155		
BCS 13:06	14:02	Qual= 2	CaPeak.c/s=1923		
FCS	14:04		Wavelength=2788A		
UVSP	13:56	Code=01	Exp #=94165		
Radio	Frequency(MHz)/Flux(sfu):	1415/140 2695/150 4995/260 8800/130 15400/91	Associated Event # = 23110		
BCS 14:39	14:39	Qual= 5	CaPeak.c/s=490		
FCS	15:35		Wavelength=2788A		
UVSP	14:31		Exp #=94166		
Event # = 23111 89/08/15, 15:35 Start	DOY=227 Peak	Qual=00	CaPeak.c/s=20	#Peaks=1	XEN=922710
GOES 15:35	15:35	Qual= 5	Wavelength=2788A	Step=15"	1.024s/pixel
BCS				Step=0"	Pitch=+485", Yaw=-536"
FCS					
UVSP	15:28				

Event # = 11835	89/08/15, 16:09	D0Y=227	Peak	End times	SMM Pointing:	S19W79				Pitch=+613", Yaw=-713", Roll=-20deg	H. Ang=82deg	
Optical	GOES	16:09:25	16:09:44	16:11:25	Ha...Class=SF	N17E28		AR5643		Mac.=EKC	Carr. Lon.=327deg	H. Ang=29deg
HXRBS					Peak...c/s=82	Qual=00				MaxkeV=144		
UVSP		16:03			Wavelength=2788A	Qual=01				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	D0Y=227	Peak	End times	SMM Pointing:	S19W81				Pitch=+605", Yaw=-723", Roll=-20deg	H. Ang=83deg	
Optical	GOES	17:00	17:04	17:09	Ha...Class=SF	S16W83		AR5629		Mac.=EKC	Carr. Lon.=77deg	H. Ang=85deg
HXRBS		17:00:28	17:00:47	17:02:56	Importance=C9	Qual=01				MaxkeV=144		
BCS		16:11	17:04	17:08	Peak...c/s=233	Qual=01				FePeak.c/s=36	#Peaks=2	dt= 3.8s XEN=922711
FCS					CaPeak.c/s=242	Qual= 1				Rast=240"x240"	Step=15"	Cad= 262s 1.024s/pixel
UVSP		16:59			Wavelength=2788A	Code=00				Rast=180"x1"	Step=0"	Pitch=+484", Yaw=-538"
Event # = 11837	89/08/15, 18:00	D0Y=227	Peak	End times	SMM Pointing:	S19W81				Pitch=+605", Yaw=-723", Roll=-20deg	H. Ang=83deg	
Optical	GOES	17:50	18:00	18:19	Ha...Class=SM	S16W84		AR5629		Mac.=EKC	Carr. Lon.=78deg	H. Ang=86deg
HXRBS		17:52:11	17:56:01	17:59:41	Importance=M1	Qual=04				MaxkeV=102		
UVSP		17:37			Peak...c/s=52	Qual=01				Rast=180"x1"	Step=0"	Pitch=+484", Yaw=-539"
					Wavelength=2788A	Code=01						
Event # = 12590	89/08/15, 18:40	D0Y=227	Peak	End times	SMM Pointing:	S19W82				Pitch=+604", Yaw=-726", Roll=-20deg	H. Ang=84deg	
Optical	GOES	18:38	18:40	18:44	Importance=C8	Qual=03				MaxkeV=369	Flags=I,ND	
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			Wavelength=2788A	Code=00						
Radio					Type/Intensity: V/3							
Radio					Frequency(MHz)/Flux(sfu): 245/490 410/89							
Event # = 22199	89/08/15, 19:18	D0Y=227	Peak	End times	SMM Pointing:	S19W82				Pitch=+604", Yaw=-726", Roll=-20deg	H. Ang=84deg	
Optical	GOES	19:16	19:18	20:13	CaPeak.c/s=338	Qual=00				Mac.=EKC	Carr. Lon.=74deg	H. Ang=84deg
HXRBS		19:27			Peak3...c/s=2	Qual= 4				MaxkeV=102	Flags=I,SN	
UVSP		19:20			Wavelength=1375A	Code=02				Rast=265"x265"	#Peaks=1	dt= 3.8s XEN=922714
Radio						Exp #=94172				Rast=240"x240"	Step=15"	Cad= 262s 1.024s/pixel
										Rast=265"x265"	Step=5"	Pitch=+610", Yaw=-716"
Event # = 11838	89/08/15, 20:51	D0Y=227	Peak	End times	SMM Pointing:	S19W82				Pitch=+604", Yaw=-726", Roll=-20deg	H. Ang=84deg	
Optical	GOES	20:26	20:51	21:10	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				MaxkeV=102	Flags=I,SN	
BCS		20:48	20:49	21:46	Peak...c/s=267	Qual=02				FePeak.c/s=670	#Peaks=1	dt= 3.8s XEN=922714
FCS					CaPeak.c/s=2853	Qual= 5				Rast=240"x240"	Step=15"	Cad= 262s 1.024s/pixel
UVSP		20:52			Wavelength=1375A	Code=02				Rast=265"x265"	Step=5"	Pitch=+610", Yaw=-716"
Radio					Frequency(MHz)/Flux(sfu): 2695/49 8800/120 15400/86							

Associated Event # = 12591
 Peak...c/s=51 Qual=01 MaxkeV=102 Flags=I
 Wavelength=1375A Exp #=94181 Rast=110"x200" Pitch=+592", Yaw=-744"

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 21:48 End times 22:30
 GOES 21:22 Importance=M4 Qual=02
 HXRBS 21:20:39 21:23:38 21:36:01 Peak...c/s=97 Qual=01 Tot Cts=14800 MaxkeV=102
 UVSP 21:46 Wavelength=1375A Code=00 Exp #=94186 Rast=265"x265" Step=5" Flags=I
 Associated Event # = 12593 Pitch=+609", Yaw=-717"
 HXRBS 21:42:57 21:43:42 21:44:24 Peak...c/s=62 Qual=03 Tot Cts=1040 MaxkeV=102
 UVSP 21:30 Wavelength=1375A Exp #=94185 Rast=110"x200" Step=5" Flags=I, EN
 Associated Event # = 23112 Pitch=+591", Yaw=-744"
 BCS 22:20 22:21 23:17 CaPeak.c/s=911 Qual= 5 FePeak=22:21 dt= 3.8s XEN=922715
 FCS Wavelength=1375A Rast=240"x240" Step=15" Cad= 262s
 UVSP 22:25 Wavelength=1375A Exp #=94188 Rast=265"x265" Step=5" 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 22:31 End times 22:32:03
 GOES 22:31:31 22:31:54 22:32:03 Peak...c/s=43 Qual=00 Tot Cts=162 MaxkeV=102
 HXRBS 22:27 Wavelength=1375A Exp #=94189 Rast=110"x200" Step=5" Flags=I
 UVSP Pitch=+591", Yaw=-746"

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 23:06:18
 GOES 23:05:47 23:06:05 23:06:18 Peak...c/s=40 Qual=00 Tot Cts=179 MaxkeV=102
 HXRBS 23:04 Wavelength=1375A Exp #=94193 Rast=110"x200" Step=5" Flags=I
 UVSP 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 Peak...c/s=50 Qual=00 Tot Cts=1370 MaxkeV=144
 HXRBS 00:00 Wavelength=1375A Exp #=94197 Rast=110"x200" Step=5" Flags=I
 UVSP 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 00:37 End times 00:46:20
 GOES 00:27:42 00:29:14 00:46:20 Peak...c/s=191 Qual=00 Tot Cts=35392 MaxkeV=102
 HXRBS 23:52 00:37 00:49 CaPeak.c/s=875 Qual= 3 FePeak=00:31 dt= 7.7s XEN=922716
 FCS Wavelength=1375A Exp #=94201 Rast=240"x240" Step=15" Cad= 262s
 UVSP Pitch=+594", Yaw=-748"

Event # = 11840	89/08/16, 01:18		DOY=228	Peak	SMM Pointing: S19W82		Pitch=+604" , Yaw=-726" , Roll=-20deg		H. Ang=84deg		
Optical	Ha...Class=2N	S18W84	AR5629	AR5629	Carr. Lon.=74deg	Mac. =EKI		Carr. Lon.=86deg			
Optical	Code=BSL	S16W90	AR5629	AR5629	Carr. Lon.=80deg			H. Ang=92deg			
Optical	Code=LPS	S16W90	AR5629	AR5629	Carr. Lon.=80deg			H. Ang=92deg			
GOES	00:54	01:18	05:56	05:56	Importance=X20	Qual=03					
HXRBS	01:23:04	01:23:31	06:58:14	06:58:14	Peak...c/s=12611	Qual=14	Tot Cts=4.84E+7	MaxkeV=860	Flags=M5, I, SN, EN, IN, IS, DG		
GRS	01:23:00	01:40:00	01:40:00	01:40:00				>10MeV=y	dur=1020sec		
FCS	01:25	02:11	02:23	02:23	CaPeak.c/s=7864	Qual= 3	FePeak=01:35	dt= 7.7s	XEN=922800		
UVSP	01:28	02:11	02:23	02:23	Wavelength=1375A		Exp #=94204	Cad= 262s	XEN=922800		
Radio	Sweeps	Type/Intensity:			11/3 IV/3			Step=15"	1.024s/pixel		
Radio	Frequency	(MHz)/Flux(sfu):			245/6300	410/10000	1415/2200	2695/5400	4995/11000	8800/22000	15400/38000
BGS	02:57	02:58	03:55	03:55	CaPeak.c/s=5356	Qual= 5	FePeak=02:58	dt= 3.8s	XEN=922801		
FCS	03:02	03:55	03:55	03:55	Associated		Event # = 23113	Rast=0"x0"	Step=0"		
UVSP	03:02	03:55	03:55	03:55	Wavelength=1375A		Exp #=94212	Rast=265"x265"	Step=5"	Pitch=-405" , Yaw=-846"	
BGS	04:29	04:30	05:27	05:27	Associated		Event # = 23114	dt= 7.7s	XEN=922803		
FCS	04:33	04:30	05:27	05:27	CaPeak.c/s=3358	Qual= 5	FePeak=04:36	Cad=1.02s	1.024s/pixel		
UVSP	04:33	04:30	05:27	05:27	Wavelength=1375A		Exp #=94220	dt= 7.7s	XEN=922803		
BGS	06:19	06:23	06:59	06:59	Associated		Event # = 23115	Rast=0"x0"	Step=0"		
FCS	06:22	06:23	06:59	06:59	CaPeak.c/s=1905	Qual= 5	FePeak=06:31	Rast=265"x265"	Step=5"	Pitch=-601" , Yaw=-724"	
UVSP	06:22	06:23	06:59	06:59	Wavelength=1375A		Exp #=94232	dt= 7.7s	XEN=922804		
BGS	07:59	08:02	08:31	08:31	Associated		Event # = 23116	Cad=4.61s	0.512s/pixel		
FCS	07:59	08:02	08:31	08:31	CaPeak.c/s=1159	Qual= 5	FePeak=08:00	Rast=10" x10"	Step=0"	Pitch=-523" , Yaw=-786"	
UVSP	07:54	08:02	08:31	08:31	Wavelength=1375A		Exp #=94241	dt= 3.8s	XEN=922805		
Event # = 11855	89/08/16, 09:36		DOY=228	Peak	SMM Pointing: S18W84		Pitch=-307" , Yaw=+896" , Roll=180deg		H. Ang=86deg		
GOES	09:36:12	09:37:25	09:40:29	09:40:29	Qual=00		Tot Cts=1679	MaxkeV=102			
HXRBS	09:36	09:36	10:03	10:03	Peak...c/s=43	Qual=01	FePeak=09:38	dt= 3.8s	XEN=922806		
BGS	09:36	09:36	10:03	10:03	CaPeak.c/s=848	Qual= 5		Step=15"	Cad= 262s	1.024s/pixel	
FCS	09:31	09:31	09:31	09:31			Exp #=94249	Rast=110" x200"	Step=5"	Pitch=-242" , Yaw=+881"	
UVSP	09:31	09:31	09:31	09:31	Wavelength=1375A		Exp #=94249				
Event # = 11856	89/08/16, 10:01		DOY=228	Peak	SMM Pointing: S18W84		Pitch=-307" , Yaw=+896" , Roll=180deg		H. Ang=86deg		
GOES	10:01:01	10:01:21	10:01:35	10:01:35	Qual=00		Tot Cts=131	MaxkeV=102			
HXRBS	10:01:01	10:01:21	10:01:35	10:01:35	Peak...c/s=34	Qual=01	FePeak=11:12	dt= 3.8s	XEN=922807		
UVSP	09:49	09:49	09:49	09:49	Wavelength=1375A		Exp #=94251	Rast=240" x240"	Step=15"	Cad= 262s	
Event # = 23117	89/08/16, 11:12		DOY=228	Peak	SMM Pointing: S18W84		Pitch=-307" , Yaw=+896" , Roll=180deg		H. Ang=86deg		
GOES	11:12	11:12	11:36	11:36	Qual=00		FePeak=11:12	dt= 3.8s	XEN=922808		
BGS	11:12	11:12	11:36	11:36	CaPeak.c/s=609	Qual= 5	Exp #=94254	Step=15"	Cad= 262s	1.024s/pixel	
FCS	10:43	10:43	10:43	10:43				Rast=243" x243"	Step=3"	Pitch=-299" , Yaw=+909"	
UVSP	10:43	10:43	10:43	10:43	Wavelength=2788A						

Event # = 11857																				
89/08/16, 11:33	DOY=228	End times	SMM Pointing:	S18W84										Pitch=-307"	Yaw=+896"	Roll=180deg			H. Ang=86deg	
	Peak																			
GOES																				
HXRBS	11:32:45	11:33:24	Peak...c/s=43	Qual=00	Tot Cts=246	MaxkeV=102														
UVSP	11:30		Wavelength=2788A	Qual=01	Exp #=94255	Rast=180"x1"	Step=0"												Pitch=-427"	Yaw=+1081"
Event # = 23118																				
89/08/16, 12:12	DOY=228	End times																		
	Peak																			
GOES																				
BCS	12:11	12:12	CaPeak.c/s=509	Qual=00	FePeak=12:12	dt= 3.8s	#Peaks=1													
FCS				Qual= 5	Exp #=94256		Step=0"													
UVSP	12:03		Wavelength=2788A	Qual=00			Step=0"													
Event # = 23119																				
89/08/16, 14:26	DOY=228	End times																		
	Peak																			
GOES																				
BCS	13:43	14:26	CaPeak.c/s=237	Qual= 5	FePeak=13:50	dt= 7.7s	#Peaks=1													
FCS				Qual=00	Exp #=94259		Step=15"													
UVSP	14:32		Wavelength=2788A	Qual=00			Step=0"													
Event # = 23120																				
89/08/16, 15:29	DOY=228	End times																		
	Peak																			
GOES																				
BCS	15:15	15:29	CaPeak.c/s=194	Qual= 4	FePeak=15:27	dt= 7.7s	#Peaks=2													
FCS				Qual=00	Exp #=94260		Step=0"													
UVSP	15:09		Wavelength=2788A	Qual=00			Step=0"													
Event # = 23121																				
89/08/16, 17:03	DOY=228	End times																		
	Peak																			
GOES																				
BCS	16:48	17:03	CaPeak.c/s=155	Qual= 3	FePeak=17:00	dt= 7.7s	#Peaks=1													
FCS				Qual=00	Exp #=94262		Step=15"													
UVSP	16:40		Wavelength=2788A	Qual=00			Step=0"													
Event # = 23122																				
89/08/16, 18:43	DOY=228	End times																		
	Peak																			
GOES																				
BCS	18:20	18:43	CaPeak.c/s=131	Qual= 3	FePeak=18:42	dt= 7.7s	#Peaks=3													
FCS				Qual=00	Exp #=94265		Step=15"													
UVSP	19:09		Wavelength=2788A	Qual=00			Step=0"													
Event # = 11841																				
89/08/16, 19:31	DOY=228	End times	SMM Pointing:	S17W73																
	Peak																			
Optical																				
GOES	19:15	19:31	Ha...Class=SF	M20E31	AR5644															
HXRBS	19:11:47	19:11:58	Importance=C7	Qual=02	Tot Cts=136															
UVSP	19:09		Peak...c/s=36	Qual=01	Exp #=94265															
			Wavelength=2788A	Code=01																

Event # = 23123											
89/08/16, 19:59	DOY=228	Peak									
		Start									
GOES											
BCS	19:52	20:49	20:49	21:59	19:58	19:58	19:58	19:58	19:58	19:58	19:58
FCS											
UVSP	19:59										
CaPeak.c/s=165			CaPeak.c/s=18			CaPeak.c/s=15			CaPeak.c/s=18		
Wavelength=1375A			Wavelength=1375A			Wavelength=1375A			Wavelength=1375A		
Qual=00			Qual=4			Qual=5			Qual=4		
Exp #=94267			Exp #=94267			Exp #=94267			Exp #=94267		
dt= 7.7s			dt= 7.7s			dt= 7.7s			dt= 7.7s		
Cad= 262s			Cad= 262s			Cad= 262s			Cad= 262s		
Pitch=+808",Yaw=+308"			Pitch=+808",Yaw=+308"			Pitch=+808",Yaw=+308"			Pitch=+808",Yaw=+308"		
Event # = 23124											
89/08/16, 21:23	DOY=228	Peak									
		Start									
Optical											
GOES	21:14	21:36	21:36	21:23	21:36	21:36	21:36	21:36	21:36	21:36	21:36
BCS	21:24	22:21	22:21	21:25	22:21	22:21	22:21	22:21	22:21	22:21	22:21
FCS											
UVSP	21:28										
Ha...Class=SF			Ha...Class=SF			Ha...Class=SF			Ha...Class=SF		
Importance=C6			Importance=C6			Importance=C6			Importance=C6		
CaPeak.c/s=153			CaPeak.c/s=153			CaPeak.c/s=153			CaPeak.c/s=153		
Wavelength=1375A			Wavelength=1375A			Wavelength=1375A			Wavelength=1375A		
Code=02			Code=02			Code=02			Code=02		
Exp #=94274			Exp #=94274			Exp #=94274			Exp #=94274		
dt= 3.8s			dt= 3.8s			dt= 3.8s			dt= 3.8s		
Cad= 262s			Cad= 262s			Cad= 262s			Cad= 262s		
Pitch=+601",Yaw=-754"			Pitch=+601",Yaw=-754"			Pitch=+601",Yaw=-754"			Pitch=+601",Yaw=-754"		
Event # = 11842											
89/08/16, 23:28	DOY=228	Peak									
		Start									
Optical											
GOES	23:10	23:46	23:46	23:28	23:46	23:46	23:46	23:46	23:46	23:46	23:46
HXRBS	23:24:45	23:26:14	23:26:14	23:25:16	23:26:14	23:26:14	23:26:14	23:26:14	23:26:14	23:26:14	23:26:14
BCS	22:57	23:53	23:53	23:29	23:53	23:53	23:53	23:53	23:53	23:53	23:53
FCS											
UVSP	23:23										
Radio											
Type/Intensity: III/3			Type/Intensity: III/3			Type/Intensity: III/3			Type/Intensity: III/3		
Associated Event # = 11843			Associated Event # = 11843			Associated Event # = 11843			Associated Event # = 11843		
Qual=01			Qual=01			Qual=01			Qual=01		
Tot Cts=69			Tot Cts=69			Tot Cts=69			Tot Cts=69		
MaxkeV=102			MaxkeV=102			MaxkeV=102			MaxkeV=102		
Pitch=+594",Yaw=-768",Roll=-20deg			Pitch=+594",Yaw=-768",Roll=-20deg			Pitch=+594",Yaw=-768",Roll=-20deg			Pitch=+594",Yaw=-768",Roll=-20deg		
Mac.=CKI			Mac.=CKI			Mac.=CKI			Mac.=CKI		
Carr.Lon.=301deg			Carr.Lon.=301deg			Carr.Lon.=301deg			Carr.Lon.=301deg		
H.Ang=41deg			H.Ang=41deg			H.Ang=41deg			H.Ang=41deg		
#Peaks=2			#Peaks=2			#Peaks=2			#Peaks=2		
dt= 7.7s			dt= 7.7s			dt= 7.7s			dt= 7.7s		
Cad= 262s			Cad= 262s			Cad= 262s			Cad= 262s		
Pitch=+543",Yaw=-782"			Pitch=+543",Yaw=-782"			Pitch=+543",Yaw=-782"			Pitch=+543",Yaw=-782"		
Event # = 11844											
89/08/17, 01:22	DOY=229	Peak									
		Start									
Optical											
GOES	00:33	01:22	01:22	01:13:21	01:22	01:22	01:22	01:22	01:22	01:22	01:22
HXRBS	00:27:08	01:13:42	01:13:42	01:13:21	01:13:42	01:13:42	01:13:42	01:13:42	01:13:42	01:13:42	01:13:42
BCS	00:48:00	02:17:00	02:17:00	01:24	02:17:00	02:17:00	02:17:00	02:17:00	02:17:00	02:17:00	02:17:00
FCS											
UVSP	01:13										
Radio											
Frequency(MHz)/Flux(sfu):			Frequency(MHz)/Flux(sfu):			Frequency(MHz)/Flux(sfu):			Frequency(MHz)/Flux(sfu):		
245/1200			245/1200			245/1200			245/1200		
410/490			410/490			410/490			410/490		
606/71			606/71			606/71			606/71		
1415/1300			1415/1300			1415/1300			1415/1300		
2695/5600			2695/5600			2695/5600			2695/5600		
4995/13000			4995/13000			4995/13000			4995/13000		
8800/24000			8800/24000			8800/24000			8800/24000		
15400/36000			15400/36000			15400/36000			15400/36000		
Flags=M5,SN,IN			Flags=M5,SN,IN			Flags=M5,SN,IN			Flags=M5,SN,IN		
Dur=5340sec			Dur=5340sec			Dur=5340sec			Dur=5340sec		
XEN=922900			XEN=922900			XEN=922900			XEN=922900		
dt= 7.7s			dt= 7.7s			dt= 7.7s			dt= 7.7s		
Cad= 332s			Cad= 332s			Cad= 332s			Cad= 332s		
Pitch=+568",Yaw=-782"			Pitch=+568",Yaw=-782"			Pitch=+568",Yaw=-782"			Pitch=+568",Yaw=-782"		
FePeak.c/s=5139			FePeak.c/s=5139			FePeak.c/s=5139			FePeak.c/s=5139		
Rast=180"x180"			Rast=180"x180"			Rast=180"x180"			Rast=180"x180"		
Step=10"			Step=10"			Step=10"			Step=10"		
#Peaks=1			#Peaks=1			#Peaks=1			#Peaks=1		
dt= 3.8s			dt= 3.8s			dt= 3.8s			dt= 3.8s		
Cad= 262s			Cad= 262s			Cad= 262s			Cad= 262s		
Pitch=+601",Yaw=-754"			Pitch=+601",Yaw=-754"			Pitch=+601",Yaw=-754"			Pitch=+601",Yaw=-754"		
XEN=922901			XEN=922901			XEN=922901			XEN=922901		
dt= 3.8s			dt= 3.8s			dt= 3.8s			dt= 3.8s		
Cad= 262s			Cad= 262s			Cad= 262s			Cad= 262s		
Pitch=+601",Yaw=-754"			Pitch=+601",Yaw=-754"			Pitch=+601",Yaw=-754"			Pitch=+601",Yaw=-754"		
XEN=922902			XEN=922902			XEN=922902			XEN=922902		
dt= 3.8s			dt= 3.8s			dt= 3.8s			dt= 3.8s		
Cad= 262s			Cad= 262s			Cad= 262s			Cad= 262s		
Pitch=+375",Yaw=-890"			Pitch=+375",Yaw=-890"			Pitch=+375",Yaw=-890"			Pitch=+375",Yaw=-890"		
XEN=922903			XEN=922903			XEN=922903			XEN=922903		
dt= 3.8s			dt= 3.8s			dt= 3.8s			dt= 3.8s		
Cad= 262s			Cad= 262s			Cad= 262s			Cad= 262s		
Pitch=+602",Yaw=-754"			Pitch=+602",Yaw=-754"			Pitch=+602",Yaw=-754"			Pitch=+602",Yaw=-754"		
XEN=922904			XEN=922904			XEN=922904			XEN=922904		
dt= 3.8s			dt= 3.8s			dt= 3.8s			dt= 3.8s		
Cad= 262s			Cad= 262s			Cad= 262s			Cad= 262s		
Pitch=+5" Step=5"			Pitch=+5" Step=5"			Pitch=+5" Step=5"			Pitch=+5" Step=5"		

----- 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

Event # = 23129
 89/08/17 08:37 DOY=229 Peak End times
 GOES 08:37 08:37 09:07 CaPeak.c/s=263 Qual=00 FePeak=08:37
 BCS FCS UVSP 08:36 Wavelength=1375A Exp #=94333

Event # = 23130
 89/08/17 10:13 DOY=229 Peak End times
 GOES 10:13 10:13 10:39 CaPeak.c/s=145 Qual=00 FePeak=10:14
 BCS FCS UVSP 10:07 Wavelength=1375A Exp #=94341

Event # = 23131
 89/08/17 11:49 DOY=229 Peak End times
 GOES 11:49 11:49 12:11 CaPeak.c/s=82 Qual=00 FePeak=11:50
 BCS FCS UVSP 12:04 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 CaPeak.c/s=40 Qual=00 FePeak=14:26
 BCS FCS UVSP 14:11 Wavelength=2788A Exp #=94348

Event # = 23134
 89/08/17 15:54 DOY=229 Peak End times
 GOES 15:53 15:54 16:42 CaPeak.c/s=21 Qual=00 FePeak=16:02
 BCS FCS UVSP 15:45 Wavelength=2788A Exp #=94350

Event # = 11845									
89/08/17,19:24	DOY=229	Peak		SMM Pointing:			Pitch=-304", Yaw=+873", Roll=180deg H-Ang=77deg		
Optical	Start	End times	S17W74						
Optical			N19W10	Ha...Class=1F AR5641					
Optical			N17E06	Ha...Class=SF AR5643					
GOES	18:43	19:24	S14W90	Code=EPL AR5629					
HXRBS	18:54:20	19:08:04	Qual=03	Importance=M3					
BCS	18:57	19:16	Qual=02	Peak...c/s=47					
FCS			Qual=4	CaPeak.c/s=1256					
UVSP	19:21		Code=00	Wavelength=1375A Exp #=94362					
Radio Sweeps	Type/Intensity: I1/2								
Radio	Frequency (MHz)/Flux(sfu): 245/300 410/280 606/140 1415/120 2695/53								
BCS	20:29	20:30	Qual=5	Associated Event # = 23135					
FCS			Qual=5	CaPeak.c/s=160					
UVSP	20:32			Wavelength=1375A Exp #=94367					
Event # = 11846									
89/08/17,20:34	DOY=229	Peak		SMM Pointing:			Pitch=+829", Yaw=+427", Roll=-100deg H-Ang=79deg		
GOES	Start	End times	S15W77						
HXRBS	20:33:58	20:34:36	Qual=00	Peak...c/s=43					
UVSP	20:32		Qual=01	Wavelength=1375A					
GOES	Tot Cts=297								
	Exp #=94367								
Event # = 11847									
89/08/17,21:22	DOY=229	Peak		SMM Pointing:			Pitch=+829", Yaw=+427", Roll=-100deg H-Ang=79deg		
GOES	Start	End times	S15W77						
HXRBS	21:22:42	21:22:46	Qual=00	Peak...c/s=52					
UVSP	21:11		Qual=01	Wavelength=1375A					
GOES	Tot Cts=117								
	Exp #=94372								
Event # = 23136									
89/08/17,22:02	DOY=229	Peak		SMM Pointing:			Pitch=+829", Yaw=+427", Roll=-100deg H-Ang=79deg		
GOES	Start	End times							
BCS	22:01	22:02	Qual=00	CaPeak.c/s=32					
FCS			Qual=5	Wavelength=1375A					
UVSP	22:06			Wavelength=1375A					
GOES	FePeak.c/s=8								
	Rast="0"x0"								
	Rast=265"x265"								
	dt= 7.7s								
	Cad=1.02s								
	XEN=922913								
	Step=0"								
	Step=5"								
	Pitch=+602", Yaw=-754"								
Event # = 11848									
89/08/18,00:02	DOY=230	Peak		SMM Pointing:			Pitch=+591", Yaw=-768", Roll=-20deg		
GOES	Start	End times	89/08/18	DOY=230					
HXRBS	23:39:01	23:44:36	Qual=03	Peak...c/s=150					
BCS	23:33	00:02	Qual=03	CaPeak.c/s=271					
FCS			Qual=3	Wavelength=1375A					
UVSP	23:58			Wavelength=1375A					
GOES	Tot Cts=21451								
	FePeak=23:50								
	Exp #=94386								
	MaxkeV=144								
	Flags=EG								
	#Peaks=1								
	dt= 7.7s								
	Cad= 262s								
	XEN=922914								
	Step=15"								
	Step=5"								
	Pitch=+564", Yaw=-782"								

Event # = 23137
89/08/18, 01:06 DOY=230
Start 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 Rast=240"x240" Pitch=+602", Yaw=-754"
UVSP 01:09 Rast=265"x265" #Peaks=1
Step=15
Step=5

Event # = 23138
89/08/18, 17:14 DOY=230
Start Peak End times
Optical
GOES 17:12 17:14 17:20 Ha...Class=SF N12W10 Carr. Lon.=325deg H. Ang=11deg
BCS 17:12 17:14 17:20 CaPeak.c/s=24 Qual= 1 FePeak=17:13 #Peaks=1 dt= 7.7s XEN=923001
FCS 17:12 17:14 17:20 Wavelength=2788A Rast=0"x0" Cad=1.02s 1.024s/pixel
UVSP 17:17 Rast=180"x1" Pitch=+69", Yaw=-39"

89/08/19 DOY=231
Event # = 23139
89/08/19, 01:42 DOY=231
Start 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 Rast=0"x0" Pitch=+92", Yaw=-106"
UVSP 01:32 Rast=180"x1" #Peaks=1
Step=0"

Event # = 23140
89/08/19, 02:03 DOY=231
Start Peak End times
Optical
GOES 02:03 02:03 02:06 Ha...Class=SF N16W18 Carr. Lon.=328deg H. Ang=20deg
BCS 02:03 02:03 02:06 CaPeak.c/s=24 Qual= 4 FePeak=02:03 #Peaks=1 dt= 7.7s XEN=923101
FCS 02:30 Wavelength=2788A Rast=0"x0" Cad=1.02s 1.024s/pixel
UVSP 02:30 Rast=180"x1" Pitch=+94", Yaw=-114"

Event # = 11849
89/08/19, 02:07 DOY=231
Start Peak End times
GOES 02:07:23 02:07:56 02:10:04 SMM Pointing: N15W16 H. Ang=18deg
HXRBS 02:07:23 02:07:56 02:10:04 Peak...c/s=55 Pitch=-44", Yaw=-287", Roll=-20deg
UVSP 02:30 Wavelength=2788A Qual=00 MaxkeV=144
Radio Frequency(MHz)/Flux(sfu): 410/170 8800/23 15400/35 Qual=01 Tot Cts=1168
Exp #=94458

Event # = 23141
89/08/19, 02:56 DOY=231
Start Peak End times
Optical
GOES 02:46 02:56 03:05 Ha...Class=SF N16W17 Carr. Lon.=326deg H. Ang=19deg
BCS 03:12 03:13 03:17 Importance=69 Qual=05 FePeak=03:15 #Peaks=1 dt= 7.7s XEN=923102
FCS 03:12 03:13 03:17 CaPeak.c/s=22 Qual= 5 FePeak=03:15 Cad=1.02s 1.024s/pixel
UVSP 03:16 Wavelength=1375A Rast=265"x265" Pitch=-31", Yaw=-292"
Exp #=94459

Event # = 11850		SMM Pointing:		N15W26		Pitch=-1", Yaw=-425", Roll=-20deg		H. Ang=27deg	
89/08/19, 18:39	DOY=231	Start	End times						
GOES	18:38:42	18:39:09	18:39:24	Peak...c/s=47	Qual=00				
HXRBS	18:27	Frequency(MHz)/Flux(sfu):		Wave length=2788A	Qual=01				
UVSP					2695/56				
Radio						Tot Cts=353		MaxkeV=102	
						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						
Optical	19:15	20:07	21:30	Ha...Class=IN	Qual=03				
GOES	19:18:36	19:19:10	19:20:14	Importance=C8	Qual=01				
HXRBS	19:25	Wave length=2788A		Code=00	Qual=01				
UVSP						Tot Cts=914		MaxkeV=102	
						Exp #=94508		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						
Optical	21:39	21:40	21:57	Ha...Class=SF	Qual=5				
GOES	21:30	Wave length=2788A		Code=00	Qual=5				
BGS	21:39	21:40	21:57	CaPeak.c/s=148	Qual=5				
FCS	21:30	Wave length=2788A		Code=00	Qual=5				
UVSP						FePeak=21:39		#Peaks=1 dt= 3.8s XEN=923103	
						Exp #=94511		Rast=240"x240" Cad= 262s 1.024s/pixel	
						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						
Optical	13:01	13:01	13:06	Ha...Class=SF	Qual=6				
GOES	13:01	13:01	13:06	CaPeak.c/s=48	Qual=6				
BGS	13:01	Wave length=2788A		Code=00	Qual=6				
FCS	13:01	Wave length=2788A		Code=00	Qual=6				
UVSP	12:53	Wave length=2788A		Code=00	Qual=6				
						FePeak=13:01		#Peaks=1 dt= 3.8s XEN=923200	
						Exp #=94552		Rast=240"x240" Cad= 262s 1.024s/pixel	
						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						
GOES	17:39:47	17:40:07	17:40:14	Peak...c/s=43	Qual=01				
HXRBS	17:30	Wave length=2788A		Code=01	Qual=01				
UVSP						Tot Cts=199		MaxkeV=102	
						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						
GOES	20:50	20:53	20:57	CaPeak.c/s=30	Qual=6				
BGS	20:50	20:53	20:57	CaPeak.c/s=30	Qual=6				
FCS	20:50	20:53	20:57	CaPeak.c/s=30	Qual=6				
						FePeak=20:53		#Peaks=1 dt= 7.7s XEN=923201	
						Step=0" Pitch=+190", Yaw=-441"			
						Exp #=94565		MaxkeV=102	
						Rast=180"x1" Step=0" Pitch=+190", Yaw=-441"			

Event # = 23145	D0Y=232	Peak	End times						
89/08/20,23:00									
Optical									
GOES	22:47	23:00	23:10	Ha...Class=SF	N20W24	AR5644	Mac.=DA0	Carr. Lon.=309deg	H. Ang=27deg
BGS				CaPeak.c/s=60	Qual=03	FePeak=23:02	FePeak.c/s=13	#Peaks=1	dt= 7.7s XEN=923202
FCS				Wave length=2788A	Qual= 3		Rast=240"x240"	Step=15" Cad= 262s	1.024s/pixel
UVSP	23:04					Exp #=94565	Rast=180"x1"	Step=0" Pitch=+190",	Yaw=-441"
89/08/21 D0Y=233									
Event # = 11854	D0Y=233	Peak	End times						
89/08/21,01:47									
GOES	01:47:04	01:47:05	01:47:38	SMM Pointing:	N15W43		Pitch=+60",	Yaw=-641",	Roll=-20deg H. Ang=43deg
HXRBS	02:09			Peak...c/s=41	Qual=01	Tot Cts=139	MaxkeV=102		
UVSP				Wave length=2788A	Qual=01	Exp #=94569	Rast=180"x1"	Step=0" Pitch=+195",	Yaw=-460"
89/08/22 D0Y=234									
Event # = 23146	D0Y=234	Peak	End times						
89/08/22,02:28									
Optical									
GOES	02:06	02:28	02:44	Ha...Class=SF	S20E25	AR5652	Mac.=CR0	Carr. Lon.=245deg	H. Ang=36deg
BGS	02:08	02:10	02:23	Importance=C3	Qual=01	FePeak=02:08	FePeak.c/s=13	#Peaks=1	dt= 7.7s XEN=923400
FCS				CaPeak.c/s=40	Qual= 1		Rast=0"x0"	Step=0" Cad=1.02s	1.024s/pixel
UVSP	02:43			Wave length=2788A		Exp #=94622	Rast=180"x1"	Step=0" Pitch=+191",	Yaw=-599"
89/08/23 D0Y=235									
Event # = 23147	D0Y=234	Peak	End times						
89/08/22,18:55									
GOES	18:54	18:55	19:00	CaPeak.c/s=30	Qual=01	FePeak=18:55	FePeak.c/s=10	#Peaks=1	dt= 7.7s XEN=923401
BGS				Wave length=1375A	Qual= 6		Rast=0"x0"	Step=0" Cad=1.02s	1.024s/pixel
FCS						Exp #=94671	Rast=265"x265"	Step=5" Pitch=+221",	Yaw=-841"
UVSP	18:53								
89/08/23 D0Y=235									
Event # = 23148	D0Y=235	Peak	End times						
89/08/23,02:27									
GOES	02:21	02:27	02:32	Importance=C2	Qual=05	FePeak=02:30	FePeak.c/s=10	#Peaks=1	dt= 7.7s XEN=923500
BGS	02:29	02:29	02:32	CaPeak.c/s=28	Qual= 5		Rast=0"x0"	Step=0" Cad=1.02s	1.024s/pixel
FCS				Wave length=2788A	Code=00	Exp #=94702	Rast=180"x1"	Step=0" Pitch=+202",	Yaw=-694"
UVSP	02:19								
89/08/23 D0Y=235									
Event # = 11858	D0Y=235	Peak	End times						
89/08/23,09:28									
GOES	08:46	09:28	10:37	SMM Pointing:	N17W72		Pitch=+68",	Yaw=-895",	Roll=-20deg H. Ang=71deg
HXRBS	08:58:00	09:10:20	09:19:34	Importance=M1	Qual=03	Tot Cts=1486	MaxkeV=102	Flags=SA, DG	
UVSP	09:27			Peak...c/s=49	Qual=12	Exp #=94739	Rast=10"x10"	Step=0" Pitch=-23",	Yaw=-779"
Radio				Wave length=1375A	Code=00				
				245/170					
				Frequency(MHz)/Flux(sfu):					

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	15:00	15:13	Ha...Class=SF	N28W70	AR5658									
HXRBS	14:46:48	14:48:24	14:50:01	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	19:14:47	19:15:29	19:15:57	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	19:14:47	19:15:29	19:15:57	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				Wavelength=2788A	Qual= 5	FePeak=19:24		FePeak.c/s=10	Step=0"	Cad=1.02s	1.024s/pixel				
UVSP	19:13					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	19:57:53	19:58:56	20:00:35	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						Exp #=94754									

Event # = 23153			
89/08/23, 22:31	DOY=235		
GOES	Start		
BCS	22:27	23:07	
FCS	22:31	23:07	
UVSP	22:18		
		End times	
		CaPeak.c/s=31	Qual=00
		WaveLength=2788A	Exp #=94755
			FePeak=22:30
			Rast=180"x1"
			dt= 7.7s XEN=923508
			Cad=1.02s 1.024s/pixel
			Pitch=+199", Yaw=-743"
			#Peaks=2
			Step=0"
89/08/24 DOY=236			
Event # = 23154			
89/08/24, 00:50	DOY=236		
GOES	Start		
BCS	00:50	00:53	
FCS	00:50	00:53	
UVSP	00:48		
		End times	
		CaPeak.c/s=23	Qual=00
		WaveLength=2788A	Exp #=94758
			FePeak=00:50
			Rast=180"x1"
			dt= 7.7s XEN=923600
			Cad=1.02s 1.024s/pixel
			Pitch=+198", Yaw=-748"
			#Peaks=1
			Step=0"
Event # = 11865			
89/08/24, 05:03	DOY=236		
GOES	Start		
HXRBS	05:02:32	05:03:20	
BCS	04:54	05:16	
FCS	04:58		
UVSP	04:58		
Radio Sweeps		Type/Intensity:	
Radio Frequency (MHz)/Flux(sfu):		III/2	
		WaveLength=1375A	
		Exp #=94767	
		Tot Cts=192	
		FePeak=04:55	
			MaxKeyV=102
			FePeak.c/s=9
			Rast=10"x10"
			dt= 7.7s XEN=923601
			Cad=1.02s 1.024s/pixel
			Pitch=+95", Yaw=-932"
			#Peaks=1
			Step=0"
Event # = 23155			
89/08/24, 09:41	DOY=236		
GOES	Start		
BCS	09:38	09:47	
FCS	09:41	09:47	
UVSP	09:37		
		End times	
		CaPeak.c/s=22	Qual=00
		WaveLength=1375A	Exp #=94791
			FePeak=09:40
			Rast=110"x200"
			dt= 7.7s XEN=923602
			Cad=1.02s 1.024s/pixel
			Pitch=+61", Yaw=-958"
			#Peaks=1
			Step=0"
Event # = 23156			
89/08/24, 18:39	DOY=236		
GOES	Start		
BCS	18:25	19:19	
FCS	18:39	19:19	
UVSP	18:34		
		End times	
		CaPeak.c/s=59	Qual=00
		WaveLength=1375A	Exp #=94820
			FePeak=18:31
			Rast=240"x240"
			dt= 7.7s XEN=923603
			Cad= 262s 1.024s/pixel
			Pitch=+234", Yaw=-894"
			#Peaks=2
			Step=15"
Event # = 23157			
89/08/24, 20:01	DOY=236		
GOES	Start		
BCS	19:58	20:43	
FCS	20:01	20:43	
UVSP	20:01		
		End times	
		CaPeak.c/s=22	Qual=00
		WaveLength=1375A	Exp #=94827
			FePeak=19:58
			Rast=265"x265"
			dt= 7.7s XEN=923604
			Cad=1.02s 1.024s/pixel
			Pitch=+949", Yaw=-130"
			#Peaks=1
			Step=0"

Event # = 23158
 89/08/24, 21:30 DOY=236
 Start Peak End times
 GOES 21:30 21:30 21:42
 BCS 21:30 21:30 21:42
 FCS 21:30 21:30 21:42
 UVSP 21:34 21:34 21:42

Qual=00
 Qual=5
 FePeak=21:30
 Exp #=94835
 CaPeak.c/s=29
 Wavelength=1375A
 dt= 7.7s XEN=923605
 Cad=1.02s 1.024s/pixel
 Pitch=+59", Yaw=-964"
 #Peaks=1
 Step=0"
 Step=5"
 FePeak.c/s=11
 Rast=0"x0"
 Rast=265"x265"

Event # = 23159
 89/08/24, 21:46 DOY=236
 Start Peak End times
 GOES 21:45 21:46 22:22
 BCS 21:45 21:46 22:22
 FCS 21:45 21:46 22:22
 UVSP 21:36 21:36 21:46

Qual=00
 Qual=4
 FePeak=21:46
 Exp #=94836
 CaPeak.c/s=25
 Wavelength=1375A
 dt= 7.7s XEN=923606
 Cad=1.02s 1.024s/pixel
 Pitch=+46", Yaw=-992"
 #Peaks=1
 Step=0"
 Step=5"
 FePeak.c/s=7
 Rast=0"x0"
 Rast=110"x200"

89/08/25 DOY=237
 Event # = 23160
 89/08/25, 00:38 DOY=237
 Start Peak End times
 GOES 00:35 00:38 00:44
 BCS 00:35 00:38 00:44
 FCS 00:35 00:38 00:44
 UVSP 00:23 00:23 00:44

Qual=00
 Qual=4
 FePeak=00:36
 Exp #=94845
 CaPeak.c/s=24
 Wavelength=2788A
 dt= 7.7s XEN=923700
 Cad=1.02s 1.024s/pixel
 Pitch=+186", Yaw=-792"
 #Peaks=1
 Step=0"
 Step=5"
 FePeak.c/s=12
 Rast=0"x0"
 Rast=180"x1"

Event # = 23161
 89/08/25, 03:48 DOY=237
 Start Peak End times
 GOES 03:46 03:48 04:04
 BCS 03:46 03:48 04:04
 FCS 03:46 03:48 04:04
 UVSP 03:46 03:48 04:04

Qual=05
 Qual=4
 FePeak=03:47
 Exp #=94850
 CaPeak.c/s=60
 Wavelength=1375A
 dt= 3.8s XEN=923701
 Cad= 262s 1.024s/pixel
 Pitch=-410", Yaw=-906"
 #Peaks=1
 Step=15"
 Step=5"
 FePeak.c/s=11
 Rast=240"x240"
 Rast=110"x200"

Event # = 23162
 89/08/25, 08:34 DOY=237
 Start Peak End times
 GOES 08:34 08:34 08:34
 BCS 08:34 08:34 09:02
 FCS 08:34 08:34 09:02
 UVSP 08:22 08:22 09:02

Qual=05
 Qual=5
 FePeak=08:35
 Exp #=94872
 CaPeak.c/s=46
 Wavelength=1375A
 dt= 3.8s XEN=923702
 Cad= 262s 1.024s/pixel
 Pitch=+46", Yaw=-992"
 #Peaks=1
 Step=15"
 Step=5"
 FePeak.c/s=7
 Rast=240"x240"
 Rast=110"x200"

Event # = 23163
 89/08/25, 14:25 DOY=237
 Start Peak End times
 GOES 14:24 14:25 14:51
 BCS 14:24 14:25 14:51
 FCS 14:24 14:25 14:51
 UVSP 14:12 14:12 14:51

Qual=03
 Qual=4
 FePeak=14:24
 Exp #=94888
 CaPeak.c/s=20
 Wavelength=2788A
 dt= 7.7s XEN=923703
 Cad=1.02s 1.024s/pixel
 Pitch=+38", Yaw=+185"
 #Peaks=1
 Step=0"
 Step=5"
 FePeak.c/s=7
 Rast=0"x0"
 Rast=180"x1"

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 FePeak=02:54 Qual= 4 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
 FCS 02:31 Wavelength=2788A Exp #=94906 Rast=180"x1" Pitch=+35",Yaw=-733"
 UVSP

Event # = 23165 DOY=238
 89/08/26,05:58 Start Peak
 End times
 GOES 05:58 05:58 CaPeak.c/s=26 Qual=05 FePeak=05:58 dt= 7.7s XEN=923801
 BCS 05:58 05:58 Wavelength=2788A Exp #=94909 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
 FCS UVSP

Event # = 11867 DOY=239
 89/08/27,13:09 Start Peak
 End times
 GOES 13:09:17 13:09:54 13:11:11 SMM Pointing: S17E38 Pitch=+151",Yaw=+647",Roll=-20deg H.Ang=44deg
 HXRBS 13:14 Peak...c/s=76 Qual=00 MaxkeV=231 Step=0" Tot Cts=1706
 UVSP 13:14 Wavelength=2788A Qual=01 Exp #=94972 Rast=180"x1" Pitch=+288",Yaw=+573"

Event # = 11868 DOY=239
 89/08/27,16:23 Start Peak
 End times
 GOES 16:15 16:23 16:30 SMM Pointing: S17E36 Pitch=+161",Yaw=+627",Roll=-20deg H.Ang=43deg
 HXRBS 16:16:09 16:17:23 16:17:59 Importance=C4 Qual=03 MaxkeV=102 Step=0" Tot Cts=810
 UVSP 16:19 Peak...c/s=55 Qual=01 Exp #=94976 Rast=180"x1" 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 SMM Pointing: S17E32 Pitch=+183",Yaw=+577",Roll=-20deg H.Ang=40deg
 HXRBS 23:30:38 23:30:51 23:31:47 Importance=C4 Qual=01 MaxkeV=102 Step=0" Tot Cts=376
 UVSP 23:58 Peak...c/s=41 Qual=01 Exp #=95007 Rast=180"x1" Pitch=+65",Yaw=+503"
 Associated Event # = 11870
 HXRBS 23:45:01 23:45:16 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 SMM Pointing: Pitch=-36",Yaw=+979",Roll=-20deg
 HXRBS 01:14:01 01:14:40 01:15:48 Peak...c/s=42 Qual=01 MaxkeV=102 Step=0" Tot Cts=450
 UVSP 01:31 Wavelength=2788A Qual=01 Exp #=95009 Rast=180"x1" 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):				Associated Event # = 11873			
HXRBS	02:24:49	02:24:59	02:25:15	Peak...c/s=50	Qual=01	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	End times	Importance=C6	Qual=00		
GOES	Peak	03:08	03:08	Peak...c/s=62	Qual= 2	FePeak=03:02	
BCS		03:03		Wavelength=2788A		Exp #=95011	
UVSP		03:03		III/2			
Radio Sweeps	Type/Intensity:			245/2200			
Radio Frequency (MHz)/Flux(sfu):							

Event # = 11874		DOY=240		SMM Pointing:		Pitch=-36", Yaw=+979", Roll=-20deg	
89/08/28,04:35	Start	04:29	End times	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	Wavelength=1375A		FePeak=04:33	
FCS				III/3		Exp #=95020	
UVSP	04:35			245/24000 410/140 606/81 1415/26 2695/50 4995/25			
Radio Sweeps	Type/Intensity:						
Radio Frequency (MHz)/Flux(sfu):							

Event # = 11875		DOY=240		SMM Pointing:		Pitch=-36", Yaw=+979", Roll=-20deg	
89/08/28,05:54	Start	05:51:37	End times	Importance=C7	Qual=00		
GOES	Peak	05:52:16	05:54:32	Peak...c/s=88	Qual=01		
HXRBS		05:29	06:12	CaPeak.c/s=51	Qual= 1	Tot Cts=2771	
BCS				Wavelength=1375A		FePeak=05:53	
FCS				III/3		Exp #=95020	
UVSP	05:48			245/24000 410/140 606/81 1415/26 2695/50 4995/25			
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	End times	Importance=C7	Qual=01		
HXRBS	Peak	05:58:36	05:58:44	Peak...c/s=125	Qual=01	Tot Cts=395	
UVSP		05:48		Wavelength=1375A		Exp #=95020	
Radio Sweeps	Type/Intensity:						
Radio Frequency (MHz)/Flux(sfu):							

Event # = 11876		DOY=240		SMM Pointing:		Pitch=-36", Yaw=+979", Roll=-20deg	
89/08/28,07:36	Start	07:31	End times	Importance=C7	Qual=03		
GOES	Peak	07:36	07:46	Peak...c/s=52	Qual=01		
HXRBS		07:31:53	07:32:10	CaPeak.c/s=66	Qual= 1	Tot Cts=304	
BCS		07:05	07:45	Wavelength=1375A		FePeak=07:29	
FCS				III/1		Exp #=95031	
UVSP	07:32						
Radio Sweeps	Type/Intensity:						
Radio Frequency (MHz)/Flux(sfu):							

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
 Start Peak End times
 GOES 08:40 09:15 09:17 CaPeak.c/s=39 Qual=00 FePeak=09:15
 BCS UVSP 09:03 Wavelength=1375A Exp #=95040
 dt= 7.7s XEN=924004
 Cad=1.02s 1.024s/pixel
 Pitch=-66", Yaw=+940"

Event # = 23168
 89/08/28,10:16 DOY=240
 Start Peak End times
 GOES 10:16 10:16 10:49 CaPeak.c/s=41 Qual=00 FePeak=10:16
 BCS UVSP 10:13 Wavelength=1375A Exp #=95045
 dt= 7.7s XEN=924005
 Cad=1.02s 1.024s/pixel
 Pitch=-61", Yaw=+940"

Event # = 11879
 89/08/28,11:55 DOY=240
 Start Peak End times
 GOES 11:54:31 11:54:40 11:54:57 Peak...c/s=43 Qual=01
 HXRBS 11:50 11:55 12:16 CaPeak.c/s=63 Qual=1 Tot Cts=145
 BCS UVSP 12:16 Wavelength=2788A Exp #=95052 FePeak=11:55
 dt= 3.8s XEN=924006
 Cad=1.02s 1.024s/pixel
 Pitch=-156", Yaw=+909"
 Pitch=-36", Yaw=+979", Roll=-20deg

Event # = 23169
 89/08/28,12:18 DOY=240
 Start Peak End times
 GOES 12:18 12:18 12:21 CaPeak.c/s=33 Qual=00 FePeak=12:18
 BCS UVSP 12:16 Wavelength=2788A Exp #=95052
 dt= 7.7s XEN=924007
 Cad= 262s 1.024s/pixel
 Pitch=-156", Yaw=+909"

Event # = 23170
 89/08/28,13:37 DOY=240
 Start Peak End times
 GOES 13:21 13:37 13:54 CaPeak.c/s=52 Qual=00 FePeak=13:22
 BCS 13:47 13:47 Peak3...c/s=2062 Qual=4
 FCS UVSP 13:47 Wavelength=2788A Exp #=95054
 dt= 7.7s XEN=924008
 Cad= 262s 1.024s/pixel
 Pitch=-156", Yaw=+909"

Event # = 23171
 89/08/28,14:34 DOY=240
 Start Peak End times
 GOES 14:31 14:34 15:25 CaPeak.c/s=30 Qual=00 FePeak=14:31
 BCS UVSP 14:20 Wavelength=2788A Exp #=95055
 dt= 7.7s XEN=924009
 Cad=1.02s 1.024s/pixel
 Pitch=-156", Yaw=+909"

Event # = 11878	DOY=240																			
89/08/28, 16:23	Peak																			
GOES			End times																	
HXRBS	16:21:06	16:21:22	16:21:46	Peak...c/s=48	Qual=01	Tot Cts=311														
BCS	16:04	16:23	16:57	CaPeak.c/s=66	Qual=1	FePeak=16:22														
FCS																				
UVSP	16:52			Wavelength=2788A		Exp #=95058														
Event # = 23172	DOY=240																			
89/08/28, 17:38	Peak																			
GOES			End times																	
BCS	17:36	17:38	18:00	CaPeak.c/s=23	Qual=00	FePeak=17:36														
FCS																				
UVSP	17:24			Wavelength=2788A		Exp #=95059														
Event # = 23173	DOY=240																			
89/08/28, 18:19	Peak																			
GOES			End times																	
BCS	18:18	18:19	18:23	CaPeak.c/s=19	Qual=00	FePeak=18:18														
FCS																				
UVSP	18:24			Wavelength=2788A		Exp #=95060														
Event # = 23174	DOY=240																			
89/08/28, 18:27	Peak																			
GOES			End times																	
BCS	18:26	18:27	18:29	CaPeak.c/s=19	Qual=00	FePeak=18:27														
FCS																				
UVSP	18:24			Wavelength=2788A		Exp #=95060														
Event # = 11880	DOY=240																			
89/08/28, 19:30	Peak																			
GOES			End times																	
HXRBS	19:25	19:30	19:35	Importance=C2	Qual=01	Tot Cts=140														
BCS	19:30:59	19:31:14	19:31:28	Peak...c/s=43	Qual=01	FePeak=19:34														
FCS	19:31	19:34	19:42	CaPeak.c/s=48	Qual=1															
UVSP	19:57			Wavelength=2788A		Exp #=95062														
Radio				Frequency (MHz)/Flux(sfu): 606/51																
Event # = 23175	DOY=240																			
89/08/28, 21:18	Peak																			
GOES			End times																	
BCS	20:45	21:18	21:34	CaPeak.c/s=35	Qual=00	FePeak=21:17														
FCS																				
UVSP	21:28			Wavelength=2788A		Exp #=95064														

Event # = 23176		DOY=240									
89/08/28,22:17	Start	End times	Peak	Ha...Class=SF	S23W45	AR5653	Mac.=DAO	Carr. Lon.=225deg	H. Ang=53deg		
Optical					Qual=01						
GOES	22:15	22:26	22:17	CaPeak.c/s=36	Qual= 1	FePeak=22:16	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=924016	
BGS				WaveLength=2788A		Exp #=95065	Rast=0" x0"	Step=0"	Cad=1.02s	1.024s/pixel	
FCS							Rast=180" x1"	Step=0"	Pitch=-156"	Yaw=+909"	
UVSP	22:01										
Event # = 11881		DOY=240									
89/08/28,22:45	Start	End times	Peak	Importance=M1	Qual=03		MaxkeV=231				
GOES	22:40	23:00	22:45	Peak...c/s=255	Qual=01	Tot Cts=16049	FePeak.c/s=229	#Peaks=1	dt= 3.8s	XEN=924017	
HXRBS	22:41:32	22:42:24	22:47:34	CaPeak.c/s=715	Qual= 1	FePeak=22:44	Rast=240" x240"	Step=15"	Cad= 262s	1.024s/pixel	
BGS	22:41	23:06	22:44			Exp #=95066	Rast=180" x1"	Step=0"	Pitch=-156"	Yaw=+909"	
FCS											
UVSP	23:00			WaveLength=2788A							
Radio Sweeps				111/3 V/1							
Radio Frequency(MHz)/Flux(sfu):				245/570							
Event # = 23177		DOY=240									
89/08/28,23:51	Start	End times	Peak	Ha...Class=SF	S23W46	AR5653	Mac.=DAO	Carr. Lon.=225deg	H. Ang=54deg		
Optical					Qual=01						
GOES	23:51	23:54	23:51	CaPeak.c/s=21	Qual= 4	FePeak=23:51	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=924019	
BGS				WaveLength=2788A		Exp #=95067	Rast=0" x0"	Step=0"	Cad=1.02s	1.024s/pixel	
FCS							Rast=180" x1"	Step=0"	Pitch=-156"	Yaw=+909"	
UVSP	23:33										
Event # = 11882		DOY=241									
89/08/29,04:31	Start	End times	Peak	SMM Pointing:	S17E84		Pitch=-36"	Yaw=+949"	Roll=-20deg	H. Ang=86deg	
GOES	03:55	04:31	04:31	Importance=C8	Qual=04		MaxkeV=102				
HXRBS	04:26:55	04:27:35	04:29:03	Peak...c/s=58	Qual=01	Tot Cts=1311	FePeak.c/s=97	#Peaks=1	dt= 3.8s	XEN=924100	
BGS	04:28	04:30	04:30	CaPeak.c/s=405	Qual= 1	FePeak=04:30	Rast=240" x240"	Step=15"	Cad= 262s	1.024s/pixel	
FCS						Exp #=95074	Rast=10" x10"	Step=0"	Pitch=-126"	Yaw=+930"	
UVSP	04:27			WaveLength=1375A	Code=00						
Radio Frequency(MHz)/Flux(sfu):				410/140							
Event # = 23178		DOY=241									
89/08/29,05:11	Start	End times	Peak		Qual=00		FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=924101	
GOES	05:10	05:14	05:11	CaPeak.c/s=20	Qual= 4	FePeak=05:10	Rast=240" x240"	Step=15"	Cad= 262s	1.024s/pixel	
BGS				WaveLength=1375A		Exp #=95080	Rast=10" x10"	Step=0"	Pitch=-16"	Yaw=+940"	
FCS											
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	06:09	06:37	06:47	CaPeak.c/s=73	Qual=01	Tot Cts=372		FePeak.c/s=13	dt= 3.8s	XEN=924102	
FCS					Qual= 1	FePeak=06:37		Rast=240"x240"	Cad= 262s	1.024s/pixel	
UVSP	06:27			Wavelength=1375A		Exp #=95087		Rast=10"x10"	Pitch=-46", Yaw=+945",		
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	dt= 7.7s	XEN=924103	
BGS		08:10		Peak3..c/s=1968	Qual= 6	FePeak=08:05		Rast=0"x0"	Cad=1.02s	1.024s/pixel	
UVSP	08:05			Wavelength=1375A		Exp #=95103		Rast=10"x10"	Pitch=-28", Yaw=+947",		
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	dt= 7.7s	XEN=924104	
BGS	16:59		17:32	CaPeak.c/s=2056	Qual= 6	FePeak=16:59		Rast=0"x0"	Cad=.26s	0.256s/pixel	
FCS				Peak3..c/s=-1		Exp #=95134		Rast=180"x1"	Pitch=-156", Yaw=+879",		
UVSP	17:25			Wavelength=2788A		Exp #=95134					
Radio	Frequency(MHz)/Flux(sfu):		245/10000	410/730	606/9400	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	606/770	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			
HXRBS	18:07:54	18:08:08	18:10:01	Peak...c/s=159	Qual=01	Tot Cts=5010		FePeak.c/s=160	dt= 3.8s	XEN=924105	
BGS	18:11	18:11	19:04	CaPeak.c/s=667	Qual= 5	FePeak=18:11		Rast=240"x240"	Cad= 262s	1.024s/pixel	
FCS						Exp #=95135		Rast=180"x1"	Pitch=-156", Yaw=+879"		
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			
Optical	End times			
GOES 18:44	18:56	N23W17	Mac.=CSO	Carr. Lon.=185deg
HXRBS 18:44:36	18:46:11	Qual=01	MaxkeV=102	Pitch=-156", Yaw=+879"
UVSP 17:58		Code=00	Rast=180"x1"	Step=0"
		Associated	Event # = 11886	
HXRBS 18:43:14	18:43:54	Qual=01	Tot Cts=191	
		Peak...c/s=43	MaxkeV=102	
Event # = 23181	DOY=241			
89/08/29 19:04	Peak			
Optical	End times			
GOES 19:04	19:04	Qual=00	FePeak=19:04	dt= 7.7s XEN=924108
BCS		Qual= 5	Rast=0"x0"	Cad=3840s 3840s/pixel
FCS		CaPeak.c/s=26	Rast=180"x1"	Step=0"
UVSP 18:58		Peak3...c/s=-1	Exp #=95136	Pitch=-156", Yaw=+879"
		Wavelength=2788A		
Event # = 11889	DOY=241	S17E84	Pitch=-36", Yaw=+949", Roll=-20deg	H. Ang=86deg
89/08/29 19:47	Peak			
Optical	End times			
GOES 19:37	19:57	S13E77	Mac.=HXK	Carr. Lon.=91deg
HXRBS 19:37:56	19:41:33	Qual=04	MaxkeV=144	Pitch=-156", Yaw=+879"
UVSP 19:31		Qual=01	Rast=180"x1"	Step=0"
Radio		Code=00	Tot Cts=1312	
		606/49 1415/90	Exp #=95137	
Event # = 11888	DOY=241	S17E84	Pitch=-36", Yaw=+949", Roll=-20deg	H. Ang=86deg
89/08/29 20:12	Peak			
Optical	End times			
GOES 20:07:06	20:08:46	Qual=03	MaxkeV=102	dt= 7.7s XEN=924107
HXRBS 19:42	20:12	Qual=01	Rast=240"x240"	Cad= 262s 1.024s/pixel
BCS		Qual= 1	Rast=180"x1"	Step=0"
FCS		CaPeak.c/s=355	Exp #=95138	Pitch=-156", Yaw=+879"
UVSP 20:30		Wavelength=2788A		
Event # = 12597	DOY=241	S17E84	Pitch=-36", Yaw=+949", Roll=-20deg	H. Ang=86deg
89/08/29 23:38	Peak			
Optical	End times			
GOES 23:37:46	23:38:28	Qual=00	MaxkeV=144	Flags=1
HXRBS		Qual=01	Rast=10"x10"	Step=0"
UVSP 23:32		CaPeak.c/s=64	Exp #=95167	Pitch=-31", Yaw=+920"
		Wavelength=1375A		
Event # = 23182	DOY=242	89/08/30	DOY=242	
89/08/30 00:55	Peak			
Optical	End times			
GOES 00:55	01:00	Qual=00	FePeak=00:57	dt= 7.7s XEN=924200
BCS		Qual= 4	Rast=240"x240"	Cad= 262s 1.024s/pixel
FCS		CaPeak.c/s=20	Rast=110"x200"	Step=5"
UVSP 00:41		Wavelength=1375A	Exp #=95171	Pitch=-16", Yaw=+991"

Event # = 23183									
89/08/30,01:02	DOY=242	Peak	End times						
GOES					Qual=00				
BCS	01:02	01:02	01:04		Qual=4	FePeak=01:02			
FCS							FePeak.c/s=11 #Peaks=1 dt= 7.7s XEN=924201		
UVSP	01:00				WaveLength=1375A	Exp #=95173	Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel		
							Rast=110"x200" Step=5" Pitch=-26",Yaw=+991"		
Event # = 11893									
89/08/30,02:05	DOY=242	Peak	End times						
GOES					S17E84				
HXRBS	02:04:48	02:05:08	02:06:23		Qual=01				
UVSP	01:56				Qual=01	Tot Cts=723	Pitch=-36",Yaw=+949",Roll=-20deg H.Ang=86deg		
						Exp #=95176	MaxkeV=144		
							Rast=110"x200" Step=5" Pitch=-11",Yaw=+991"		
Event # = 11894									
89/08/30,02:44	DOY=242	Peak	End times						
Optical					S17E84				
GOES	02:36	02:44	03:10		S19E68	AR5669	H.Ang=86deg		
HXRBS	02:35:58	02:39:39	02:43:37		Qual=03		Carr. Lon.=96deg H.Ang=72deg		
BCS	02:04	02:42	02:44		Qual=03		Flags=M5,EN		
FCS					Qual=2	Tot Cts=1.58E+5	dt= 7.7s XEN=924202		
UVSP	02:31				Code=00	Exp #=95180	Step=15" Cad= 262s 1.024s/pixel		
Radio							Step=5" Pitch=-16",Yaw=+991"		
							WaveLength=1375A Code=00		
					III/3	Exp #=95180			
							Frequency (MHz)/Flux(sfu): 245/930 1415/72 2695/38 4995/72 8800/110 15400/330		
Event # = 23184									
89/08/30,03:17	DOY=242	Peak	End times						
Optical					S13E72				
GOES	03:12	03:17	04:08		Qual=05	AR5669	H.Ang=74deg		
BCS	03:26	03:26	04:17		Qual=5	FePeak=03:26	Carr. Lon.=92deg		
FCS							#Peaks=1 dt= 3.8s XEN=924203		
UVSP	03:24				Code=02	Exp #=95182	Step=0" Cad=1.02s 1.024s/pixel		
Radio							Step=5" Pitch=-28",Yaw=+962"		
							WaveLength=1375A Code=02		
					II/I	Exp #=95182			
							Frequency (MHz)/Flux(sfu): 606/54 1415/2800 4995/50		
Event # = 11896									
89/08/30,05:25	DOY=242	Peak	End times						
GOES	05:15	05:25	05:35		S17E84				
HXRBS	05:20:16	05:21:27	05:22:38		Qual=01	Tot Cts=3524	H.Ang=86deg		
BCS	05:03	05:23	05:46		Qual=1	FePeak=05:23	Pitch=-36",Yaw=+949",Roll=-20deg		
FCS							#Peaks=2 dt= 7.7s XEN=924204		
UVSP	05:18				Code=00	Exp #=95192	Step=0" Cad=1.02s 1.024s/pixel		
Radio							Step=5" Pitch=-36",Yaw=+991"		
							WaveLength=1375A Code=00		
					Associated	Exp #=11895			
HXRBS	05:17:07	05:17:54	05:18:19		Qual=01	Tot Cts=1310	Event # = 11895		
UVSP	05:15					Exp #=95191	Pitch=-28",Yaw=+962"		
							MaxkeV=144		
							Rast=265"x265" Step=5" Pitch=-28",Yaw=+962"		

Event # = 23185		DOY=242														
89/08/30, 06:40 Start		Peak				Qual=06										
GOES	06:38	06:40	06:43	06:43	CaPeak.c/s=26	Qual=1	FePeak=06:39	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=924205					
BCS								Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel					
FCS								Rast=110"x200"	Step=5"	Pitch=-31"	Yaw=+991"					
UVSP	06:33				Wavelength=1375A		Exp #=95197									
Event # = 23186		DOY=242														
89/08/30, 08:23 Start		Peak				Qual=00										
GOES	08:22	08:23	08:30	08:30	CaPeak.c/s=26	Qual=4	FePeak=08:22	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=924206					
BCS								Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel					
FCS								Rast=243"x243"	Step=3"	Pitch=-28"	Yaw=+962"					
UVSP	08:01				Wavelength=2788A		Exp #=95204									
Event # = 23187		DOY=242														
89/08/30, 08:41 Start		Peak				Qual=00										
GOES	08:40	08:41	08:45	08:45	CaPeak.c/s=21	Qual=4	FePeak=08:40	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=924207					
BCS								Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel					
FCS								Rast=243"x243"	Step=3"	Pitch=-28"	Yaw=+962"					
UVSP	08:01				Wavelength=2788A		Exp #=95204									
Event # = 11890		DOY=242														
89/08/30, 08:49 Start		Peak				Qual=01										
GOES	08:46:49	08:47:09	08:47:44	08:47:44	Peak...c/s=49	Qual=01	Tot Cts=274	MaxkeV=102	#Peaks=1	dt= 7.7s	XEN=924208					
HXRBS							FePeak=08:49	FePeak.c/s=8	Step=0"	Cad=1.02s	1.024s/pixel					
BCS	08:48	08:49	08:52	08:52	CaPeak.c/s=33	Qual=2		Rast=0"x0"	Step=0"	Pitch=-28"	Yaw=+962"					
FCS								Rast=243"x243"	Step=3"							
UVSP	08:01				Wavelength=2788A		Exp #=95204									
Event # = 11891		DOY=242														
89/08/30, 14:45 Start		Peak			SMM Pointing:	N07W00										
GOES	14:40	14:45	14:50	14:50	Importance=C5	Qual=01										
HXRBS	14:42:58	14:43:31	14:44:37	14:44:37	Peak...c/s=113	Qual=01	Tot Cts=2606	MaxkeV=144	Flags=ND							
Radio Sweeps					Type/Intensity: III/2											
Event # = 11892		DOY=242														
89/08/30, 17:37 Start		Peak			SMM Pointing:	S17E83										
GOES	17:36:22	17:36:45	17:36:52	17:36:52	Peak...c/s=45	Qual=00										
HXRBS					CaPeak.c/s=69	Qual=01	Tot Cts=148	MaxkeV=102	#Peaks=1	dt= 7.7s	XEN=924209					
BCS	17:30	17:37	18:05	18:05		Qual=5	FePeak=17:37	FePeak.c/s=13	Step=15"	Cad= 262s	1.024s/pixel					
FCS								Rast=240"x240"	Step=0"	Pitch=-1025"	Yaw=+221"					
UVSP	17:58				Wavelength=2788A		Exp #=95215	Rast=180"x1"								
Radio Sweeps					III/2 V/2											
Radio Frequency					410/110											

Event # = 23188		DOY=242																			
89/08/30,18:43	Start	18:43	Peak	18:58	End times	18:43	CaPeak.c/s=18	18:43	FePeak=18:43	18:43	FePeak=18:43	18:43	Exp #=95216	18:43	FePeak.c/s=7	#Peaks=2	dt= 7.7s	XEN=924210	1.024s/pixel	1.024s/pixel	
GOES																					
BGS																					
FCS																					
UVSP																					
Event # = 23189		DOY=242																			
89/08/30,19:25	Start	19:25	Peak	19:33	End times	19:25	CaPeak.c/s=56	19:23	FePeak=19:23	19:23	FePeak=19:23	19:23	Exp #=95217	19:23	FePeak.c/s=12	#Peaks=1	dt= 3.8s	XEN=924211	1.024s/pixel	1.024s/pixel	
GOES																					
BGS																					
FCS																					
UVSP																					
Event # = 11897		DOY=242																			
89/08/30,20:33	Start	20:33	Peak	20:36	End times	20:33	CaPeak.c/s=28	20:33	Tot Cts=365	20:33	FePeak=20:33	20:33	Exp #=95220	20:33	MaxkeV=102	#Peaks=1	dt= 3.8s	XEN=924212	1.024s/pixel	1.024s/pixel	
GOES																					
HXRBS																					
BGS																					
FCS																					
UVSP																					
Event # = 11898		DOY=242																			
89/08/30,20:58	Start	20:58	Peak	21:04	End times	20:58	CaPeak.c/s=130	21:04	Tot Cts=184	21:04	FePeak=20:56	21:04	Exp #=95224	20:58	Pitch=-950", Yaw=+31", Roll=-106deg	H. Ang=87deg					
Optical																					
GOES																					
HXRBS																					
BGS																					
FCS																					
UVSP																					
Radio Sweeps																					
Event # = 11899		DOY=242																			
89/08/30,22:06	Start	22:06	Peak	22:11	End times	22:06	CaPeak.c/s=27	22:06	Tot Cts=633	22:06	FePeak=22:04	22:06	Exp #=95228	22:06	MaxkeV=102	#Peaks=1	dt= 7.7s	XEN=924214	1.024s/pixel	1.024s/pixel	
GOES																					
HXRBS																					
BGS																					
FCS																					
UVSP																					
Event # = 11900		DOY=242																			
89/08/30,23:22	Start	23:22	Peak	23:44	End times	23:22	CaPeak.c/s=86	23:44	Tot Cts=95	23:22	FePeak=23:22	23:44	Exp #=95234	23:22	MaxkeV=102	#Peaks=1	dt= 3.8s	XEN=924215	1.024s/pixel	1.024s/pixel	
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 Carr.=FKC H.Ang=62deg
 Ha...Class=1F AR5669
 MaxkeV=321 dt= 3.8s XEN=924300
 #Peaks=1
 GUES 00:56 01:01 01:06 Type/Intensity: III/1
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
 HXRBS 00:57:33 00:58:32 01:02:22 CaPeak.c/s=231
 BCS 01:00 01:02 01:34 Wavelength=1375A Code=00 Exp #=95239
 FCS
 UVSP 00:58
 Radio Sweeps
 Radio 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
 GUES Qual=01
 HXRBS 01:11:51 01:12:19 01:12:34 Peak...c/s=54 Qual=01
 UVSP 01:12 Wavelength=1375A
 MaxkeV=102
 Rast=265"x265" Step=5" Pitch=-15", Yaw=+976"
 Radio Sweeps
 Type/Intensity: III/1
 Radio 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

Event # = 23190
 89/08/31 03:14 Start DOY=243 Peak
 SMM Pointing: S18E57
 Pitch=+69", Yaw=+835", Roll=-20deg H.Ang=62deg
 GUES Qual=00
 HXRBS 02:57 03:14 03:17 CaPeak.c/s=27 Qual=2
 UVSP 03:04 Wavelength=1375A
 FePeak.c/s=9 #Peaks=2 dt= 7.7s XEN=924301
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
 FCS
 UVSP

Event # = 11901
 89/08/31 07:52 Start DOY=243 Peak
 SMM Pointing: S18E57
 Pitch=+69", Yaw=+835", Roll=-20deg H.Ang=62deg
 GUES Qual=00
 HXRBS 07:52:06 07:52:11 07:52:30 Peak...c/s=40 Qual=01
 UVSP 07:41 Wavelength=1375A
 CaPeak.c/s=107 FePeak=08:50
 Radio Frequency(MHz)/Flux(sfu): 245/93
 Wavelength=1375A
 FePeak.c/s=16 #Peaks=1 dt= 3.8s XEN=924302
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
 FCS
 UVSP 08:37 Wavelength=1375A Code=00 Exp #=95268
 Rast=110"x200" Step=5"

Event # = 23191
 89/08/31 08:51 Start DOY=243 Peak
 SMM Pointing: S18E57
 Pitch=+69", Yaw=+835", Roll=-20deg H.Ang=62deg
 GUES Qual=00
 HXRBS 08:45 08:51 08:55 Importance=C4 Qual=01
 UVSP 08:47 08:50 08:59 CaPeak.c/s=107 FePeak=15:10
 Radio Frequency(MHz)/Flux(sfu): 245/93
 Wavelength=1375A Code=00 Exp #=95268
 Rast=110"x200" Step=5"

Event # = 23192
 89/08/31 15:10 Start DOY=243 Peak
 SMM Pointing: S18E57
 Pitch=+69", Yaw=+835", Roll=-20deg H.Ang=62deg
 GUES Qual=00
 HXRBS 15:08 15:10 15:12 CaPeak.c/s=20 Qual=4
 UVSP 15:28 Wavelength=2788A
 FePeak=15:10
 Exp #=95289
 FePeak.c/s=8 #Peaks=1 dt= 7.7s XEN=924303
 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel
 FCS
 UVSP Rast=180"x1" Step=0" Pitch=+170", Yaw=+596"

Event # = 23193		DOY=243		End times			
89/08/31,15:14	Start	15:14	15:15	CaPeak.c/s=19	Qual=00	FePeak=15:14	dt= 7.7s XEN=924304
GOES				Wavelength=2788A	Qual= 4	Exp #=95289	Rast=180"x1" Cad=1.02s XEN=924304
BCS							Step=0" Pitch=+170",Yaw=+596"
FCS							
UVSP							
Event # = 11906		DOY=243		End times			
89/08/31,16:42	Start	16:37:34	16:38:21	SMM Pointing:	S28E18	AR5670	Pitch=+290",Yaw=+911",Roll=0deg
Optical				Ha...Class=SF	Qual=00		Mac.=CAO Carr.Lon.=125deg H.Ang=39deg
GOES				Peak...c/s=46	Qual=01	Tot Cts=730	MaxkeV=102
HXRBS				CaPeak.c/s=250	Qual= 1	FePeak=16:42	dt= 7.7s XEN=924306
BCS				Wavelength=2788A		Exp #=95291	Rast=180"x1" Pitch=+170",Yaw=+626"
UVSP							
Event # = 11908		DOY=243		End times			
89/08/31,16:50	Start	16:49:26	16:50:41	SMM Pointing:	S16E53	AR5669	Pitch=+291",Yaw=+1060",Roll=0deg
Optical				Ha...Class=SF	Qual=00		Mac.=FKC Carr.Lon.=90deg H.Ang=57deg
GOES				Peak...c/s=44	Qual=01	Tot Cts=339	MaxkeV=102
HXRBS				Wavelength=2788A		Exp #=95291	Rast=180"x1" Pitch=+170",Yaw=+626"
UVSP							
Event # = 11907		DOY=243		End times			
89/08/31,16:57	Start	16:46:50	16:47:32	SMM Pointing:	S17E80	AR5669	Pitch=+295",Yaw=+897",Roll=0deg
Optical				Ha...Class=SF	Qual=00		Mac.=FKC Carr.Lon.=90deg H.Ang=57deg
GOES				Peak...c/s=53	Qual=01	Tot Cts=623	MaxkeV=102
HXRBS				CaPeak.c/s=402	Qual= 1	FePeak=16:56	dt= 7.7s XEN=924307
BCS				Wavelength=2788A		Exp #=95291	Rast=180"x180" Cad= 332s XEN=924307
FCS							Step=10" Pitch=+170",Yaw=+626"
UVSP							
Event # = 11909		DOY=243		End times			
89/08/31,17:04	Start	17:04:05	17:04:29	SMM Pointing:	N07W00	AR5671	Pitch=-3",Yaw=+6",Roll=0deg
Optical				Ha...Class=SF	S19E64		Carr.Lon.=79deg H.Ang=0deg
GOES				Peak...c/s=40	Qual=00	Tot Cts=157	MaxkeV=102
HXRBS				Wavelength=2788A	Qual=01	Exp #=95291	Rast=180"x1" Pitch=+170",Yaw=+626"
UVSP							
Event # = 11910		DOY=243		End times			
89/08/31,18:31	Start	18:30:06	18:31:07	SMM Pointing:	N07W00	AR5670	Pitch=-1",Yaw=+1",Roll=-20deg
Optical				Ha...Class=SF	S27E19		Mac.=CAO Carr.Lon.=123deg H.Ang=0deg
GOES				Peak...c/s=57	Qual=00	Tot Cts=786	MaxkeV=102
HXRBS				Wavelength=1375A	Qual=01	Exp #=95300	Rast=30"x30" Pitch=-71",Yaw=-64"
UVSP							

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=1767 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 Exp #=95305
 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 Exp #=95310
 UVSP

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 Exp #=95312
 UVSP

Pitch=+78", Yaw=+762", Roll=-20deg H. Ang=54deg
 MaxkeV=102 Step=5" Pitch=+37", Yaw=+866"
 Rast=30"x30"

Event # = 23195		DOY=244		End times			
89/09/01,00:45	Start	00:45	Peak	00:50			
GOES					Qual=02		
BGS					Qual= 2	FePeak=00:45	
FCS							
UVSP						Exp #=95321	
Radio	Frequency(MHz)/Flux(sfu):	1415/350	4995/24	8800/35			
Event # = 23196		DOY=244		End times			
89/09/01,01:25	Start	01:25	Peak	02:19			
GOES					Qual=05		
BGS					Qual= 5	FePeak=01:24	
FCS							
UVSP						Exp #=95322	
Event # = 23197		DOY=244		End times			
89/09/01,03:04	Start	03:04	Peak	03:25			
GOES					Qual=00		
BGS					Qual= 1	FePeak=02:57	
FCS							
UVSP						Exp #=95333	
Event # = 11918		DOY=244		End times			
89/09/01,03:29	Start	03:29:38	Peak	03:29:48			
GOES					Qual=00		
HXRBS					Qual=01	Tot Cts=132	
UVSP						Exp #=95336	
Event # = 23198		DOY=244		End times			
89/09/01,03:35	Start	03:35	Peak	03:50			
GOES					Qual=00		
BGS					Qual= 1	FePeak=03:35	
FCS							
UVSP						Exp #=95338	
Event # = 11917		DOY=244		End times			
89/09/01,07:12	Start	07:12	Peak	11:21			
Optical					S16E46		
GOES					S18E54		
HXRBS					Qual=02	AR5671	
BGS					Qual=01		
FCS					Qual= 2	Tot Cts=146E+5	
UVSP						FePeak=05:22	
Radio	Frequency(MHz)/Flux(sfu):	606/830	1415/1200	2695/3000	4995/1300	8800/670	15400/450
HXRBS					Associated	Event # = 11915	
UVSP					Qual=01	Tot Cts=208	
Event # = 11916		DOY=244		End times			
89/09/01,05:14	Start	05:15:02	Peak	05:15:23			
HXRBS					Associated	Event # = 11916	
UVSP					Qual=03	Tot Cts=677	
Event # = 11915		DOY=244		End times			
89/09/01,05:19	Start	05:19:35	Peak	05:22:25			
HXRBS					Associated	Event # = 11916	
UVSP					Qual=03	Tot Cts=677	

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
 H.Ang=69deg

Optical
 GOES 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:
 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
 Start 15:38
 End 15:38
 Start 15:34
 End 15:38

GOES 14:58
 BCS 15:30
 FCS

FePeak=15:37
 FePeak.c/s=12
 Rast=240"x240"
 #Peaks=1
 Step=15"
 Cad= 262s
 dt= 7.7s
 XEN=924406
 1.024s/pixel

Event # = 11921
 89/09/01,15:43 DOY=244
 Start Peak
 End times
 Start 15:50
 End 15:50
 Start 15:40:25
 End 15:43:25
 Peak...c/s=101
 4995/54

Optical
 GOES 15:39
 HXRBS 15:38:05
 Radio Frequency(MHz)/Flux(sfu): 4995/54

SMM Pointing: S16E40
 H.Ang=46deg
 H.Ang=61deg

Ha...Class=SF
 Importance=M2
 Peak...c/s=101
 4995/54

Mac.=EKI
 Carr. Lon.=73deg
 MaxkeV=144

FePeak=15:37
 FePeak.c/s=12
 Rast=240"x240"
 #Peaks=1
 Step=15"
 Cad= 262s
 dt= 7.7s
 XEN=924406
 1.024s/pixel

Event # = 11922
 89/09/01,17:14 DOY=244
 Start Peak
 End times
 Start 17:14:56
 End 17:14:56
 Start 17:31
 End 17:31

Optical
 GOES 17:13:38
 HXRBS 17:13:38
 UVSP 17:31

SMM Pointing: S16E39
 H.Ang=45deg
 H.Ang=60deg

Ha...Class=SF
 Peak...c/s=61
 Wavelength=2788A

Mac.=EKI
 Carr. Lon.=75deg
 Step=0" Pitch=+12", Yaw=+586"
 MaxkeV=102
 Rast=180"x1"

FePeak=15:37
 FePeak.c/s=16
 Rast=240"x240"
 #Peaks=1
 Step=15"
 Cad= 262s
 dt= 7.7s
 XEN=924407
 1.024s/pixel

Event # = 11924
 89/09/01,17:21 DOY=244
 Start Peak
 End times
 Start 17:21:43
 End 17:21:43
 Start 17:31
 End 17:31

Optical
 GOES 17:21:01
 HXRBS 17:21:01
 UVSP 17:31

SMM Pointing: S16E39
 H.Ang=45deg
 H.Ang=60deg

Peak...c/s=60
 Wavelength=2788A

Mac.=EKI
 Carr. Lon.=75deg
 Step=0" Pitch=+12", Yaw=+586"
 MaxkeV=188
 Rast=180"x1"

FePeak=18:50
 FePeak.c/s=16
 Rast=240"x240"
 #Peaks=1
 Step=15"
 Cad= 262s
 dt= 7.7s
 XEN=924407
 1.024s/pixel

Event # = 23200
 89/09/01,18:21 DOY=244
 Start Peak
 End times
 Start 18:17
 End 18:17
 Start 18:09
 End 18:09

Optical
 GOES 18:17
 BCS 18:17
 FCS
 UVSP 18:09

SMM Pointing: S16E39
 H.Ang=45deg
 H.Ang=60deg

Peak...c/s=92
 Wavelength=2788A

Mac.=EKI
 Carr. Lon.=75deg
 Step=0" Pitch=+12", Yaw=+586"
 MaxkeV=188
 Rast=180"x1"

FePeak=18:50
 FePeak.c/s=16
 Rast=240"x240"
 #Peaks=1
 Step=15"
 Cad= 262s
 dt= 7.7s
 XEN=924407
 1.024s/pixel

Event # = 11923												
89/09/01, 18:49 Start	DOY=244	Peak	End times	SMM Pointing:	S16E38	Qual=00				Pitch=+135", Yaw=+649", Roll=-20deg	H. Ang=44deg	
GOES						Qual=01						
HXRBS	18:48:53	18:49:03	18:49:13	Peak...c/s=51								
UVSP	19:03			Wavelength=2788A			Tot Cts=173					
Radio Sweeps				Type/Intensity:			Exp #=95378					
Radio Frequency(MHz)/Flux(sfu):	245/2500		410/55							Step=0"	Pitch=+16"	Yaw=+577"
Event # = 23201												
89/09/01, 19:51 Start	DOY=244	Peak	End times			Qual=00						
GOES						Qual=5						
BGS	19:49	19:51	20:44	CaPeak.c/s=79			FePeak=20:21					
FCS												
UVSP	19:41			Wavelength=2788A			Exp #=95379					
Event # = 11925												
89/09/01, 21:25 Start	DOY=244	Peak	End times	SMM Pointing:	S16E37							
GOES	21:21	21:25	21:36	Importance=M1		Qual=04						
HXRBS	21:22:14	21:23:03	21:24:19	Peak...c/s=76		Qual=01	Tot Cts=2121					
BGS	21:21	21:24	21:53	CaPeak.c/s=277		Qual=1	FePeak=21:24					
FCS												
UVSP	21:14			Wavelength=2788A		Code=00	Exp #=95381					
Event # = 23202												
89/09/01, 23:59 Start	DOY=244	Peak	End times									
Optical												
GOES	23:50	23:59	01:12	Ha...Class=2N		S19E42	AR5669					
BGS	00:24	00:27	01:20	Importance=M6		Qual=05						
FCS				CaPeak.c/s=428		Qual=5	FePeak=00:27					
UVSP	00:29			Wavelength=1375A			Exp #=95385					
Event # = 23203												
89/09/02, 02:34 Start	DOY=245	Peak	End times									
Optical												
GOES	01:59	02:34	02:52	Ha...Class=SF		S19E47	AR5669					
BGS				CaPeak.c/s=86		Qual=1	FePeak=02:31					
FCS							Exp #=95400					
UVSP	02:31			Wavelength=1375A								
Event # = 23204												
89/09/02, 03:33 Start	DOY=245	Peak	End times									
Optical												
GOES	03:31	03:33	04:24	Ha...Class=SF		S20E46	AR5669					
BGS				CaPeak.c/s=37		Qual=5	FePeak=03:32					
FCS							Exp #=95402					
UVSP	02:45			Wavelength=1375A								
Radio Sweeps				Type/Intensity:	III/2							

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. = 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 # = 11927
 89/09/02,21:11 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 # = 11929
 89/09/02,22:36 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 # = 11930
 89/09/03,00:20 DOY=246
 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 # = 95472

Event # = 23208		DOY=246							
89/09/03,01:38	Start	End times							
GOES	00:58	01:53	CaPeak.c/s=47	Qual=00					
BCS	01:38			Qual=1	FePeak=01:36				
FCS									
UVSP	01:06		Wavelength=1375A		Exp #=95474				
Event # = 23209		DOY=246							
89/09/03,02:18	Start	End times							
Optical									
GOES	02:05	02:35	Ha...Class=1F	S17E29	AR5669				
BCS	02:32	03:15	Importance=C7	Qual=05					
FCS			CaPeak.c/s=94	Qual=5	FePeak=02:32				
UVSP	02:35		Wavelength=1375A		Exp #=95475				
Event # = 11932		DOY=246							
89/09/03,04:36	Start	End times							
Optical									
GOES	04:36:03	04:36:24	SMM Pointing:	S18E24					
HXRBS	04:33		Ha...Class=SF	S17E23	AR5669				
UVSP			Peak...c/s=41	Qual=00					
			Wavelength=1375A	Qual=01	Tot Cts=194				
					Exp #=95490				
Event # = 11931		DOY=246							
89/09/03,04:40	Start	End times							
Optical									
GOES	04:30:07	04:31:37	SMM Pointing:	S18E24					
HXRBS	04:31	04:40	Ha...Class=SF	S17E23	AR5669				
BCS			Peak...c/s=49	Qual=01					
UVSP	04:33		CaPeak.c/s=58	Qual=1	Tot Cts=260				
			Wavelength=1375A		FePeak=04:40				
					Exp #=95490				
Event # = 23210		DOY=246							
89/09/03,07:17	Start	End times							
GOES	07:15	07:28	CaPeak.c/s=36	Qual=04					
BCS	07:17			Qual=4	FePeak=07:17				
FCS									
UVSP	07:13		Wavelength=1375A		Exp #=95504				
Event # = 11933		DOY=246							
89/09/03,07:36	Start	End times							
Optical									
GOES	07:30	07:38	SMM Pointing:	S18E23					
HXRBS	07:31:27	07:32:28	Ha...Class=SF	S16E22	AR5669				
BCS	07:31	07:51	Importance=C4	Qual=01					
FCS			Peak...c/s=186	Qual=01	Tot Cts=2878				
UVSP	07:26		CaPeak.c/s=71	Qual=1	FePeak=07:34				
			Wavelength=1375A	Code=00	Exp #=95506				

Event # = 23211																					
89/09/03,09:16	DOY=246																				
Start	Peak																				
09:01	09:16	CaPeak.c/s=42	Qual=00	FePeak=09:16	FePeak.c/s=9	#Peaks=2	dt= 3.8s	XEN=924606													
			Qual= 1		Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel													
					Rast=30"x30"	Step=5"	Pitch=+234"	Yaw=+458"													
UVSP	09:09	Wavelength=1375A		Exp #=95517																	
Event # = 23212																					
89/09/03,13:39	DOY=246																				
Start	Peak																				
13:28	13:39	CaPeak.c/s=33	Qual=00	FePeak=13:37	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=924607													
			Qual= 1		Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel													
					Rast=30"x30"	Step=5"	Pitch=+283"	Yaw=+474"													
UVSP	13:33	Wavelength=1375A		Exp #=95542																	
Event # = 23213																					
89/09/03,14:03	DOY=246																				
Start	Peak																				
14:03	14:03	CaPeak.c/s=18	Qual=00	FePeak=14:06	FePeak.c/s=5	#Peaks=1	dt= 7.7s	XEN=924608													
			Qual= 4		Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel													
					Rast=30"x30"	Step=5"	Pitch=+284"	Yaw=+482"													
UVSP	13:56	Wavelength=1375A		Exp #=95546																	
Event # = 23214																					
89/09/03,14:32	DOY=246																				
Start	Peak																				
Optical	14:27	Ha...Class=1B	S18E16		Mac.=FKC	Carr. Lon.=89deg	H. Ang=30deg														
	14:32	Importance=X1	Qual=05	AR5669																	
	14:48	CaPeak.c/s=1369	Qual= 5	FePeak=14:49	FePeak.c/s=190	#Peaks=2	dt= 3.8s	XEN=924609													
					Rast=420"x240"	Step=15"	Cad= 459s	1.024s/pixel													
					Rast=10"x10"	Step=0"	Pitch=+156"	Yaw=+291"													
UVSP	14:39	Wavelength=2788A	Code=02	Exp #=95547																	
Event # = 11934																					
89/09/03,15:00	DOY=246																				
Start	Peak																				
Optical	15:00:22	SMM Pointing:	S18E18		Pitch=+278"	Yaw=+404"	Roll=-20deg	H. Ang=31deg													
	15:00:31	Ha...Class=SF	N23E47	AR5672	Mac.=CAO	Carr. Lon.=57deg	H. Ang=48deg														
	15:00:38	Peak...c/s=44	Qual=00	Tot Cts=77	MaxkeV=102	Step=0"	Pitch=+156"	Yaw=+291"													
	14:39	Wavelength=2788A	Qual=01	Exp #=95547	Rast=10"x10"																
UVSP	14:39	Wavelength=2788A																			
Event # = 11935																					
89/09/03,15:10	DOY=246																				
Start	Peak																				
Optical	15:08:27	SMM Pointing:	S18E18		Pitch=+278"	Yaw=+404"	Roll=-20deg	H. Ang=31deg													
	15:10:49	Ha...Class=SF	S20E18	AR5669	Mac.=FKC	Carr. Lon.=86deg	H. Ang=32deg														
	15:16:18	Peak...c/s=46	Qual=00	Tot Cts=2334	MaxkeV=102	Step=0"	Pitch=+160"	Yaw=+284"													
	15:35	Wavelength=2788A	Qual=01	Exp #=95548	Rast=10"x10"																
UVSP	15:35	Wavelength=2788A																			

Event # = 11937	89/09/03, 17:10	DOY=246	Peak	S18E24	SMM Pointing:	End times		Pitch=+243", Yaw=+484", Roll=-20deg	H. Ang=35deg
Optical				S17E18	Ha...Class=SF			Mac.=FKC	H. Ang=30deg
GOES				Qual=00					
HXRBS	17:06:21	17:06:29	17:06:52	Qual=01	Peak...c/s=52	Tot Cts=283		MaxkeV=102	#Peaks=2 dt= 7.7s XEN=924610
BCS	16:20	17:10	17:14	Qual= 3	CaPeak.c/s=119	FePeak=17:08		Rast=180"x180"	Cad= 332s 1.024s/pixel
FCS					Wavelength=2788A	Exp #=95550		Rast=10"x10"	Step=0" Pitch=+125", Yaw=+366"
UVSP	17:06								
Event # = 11938	89/09/03, 17:55	DOY=246	Peak	S18E23	SMM Pointing:	End times		Pitch=+249", Yaw=+475", Roll=-20deg	H. Ang=34deg
Optical				N27E46	Ha...Class=SF			Mac.=CAO	H. Ang=48deg
GOES				Qual=00					
HXRBS	17:54:05	17:54:17	17:54:23	Qual=01	Peak...c/s=74	Tot Cts=472		MaxkeV=188	#Peaks=1 dt= 7.7s XEN=924611
BCS	17:55	17:55	17:59	Qual= 4	CaPeak.c/s=32	FePeak=17:55		Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
FCS					Wavelength=2788A	Exp #=95551		Rast=10"x10"	Step=0" Pitch=+127", Yaw=+361"
UVSP	17:43								
Event # = 11936	89/09/03, 18:46	DOY=246	Peak	S18E23	SMM Pointing:	End times		Pitch=+249", Yaw=+475", Roll=-20deg	H. Ang=34deg
Optical				S18E26	Ha...Class=SF			Mac.=FKC	H. Ang=36deg
GOES	18:39	18:46	18:53	Qual=04	Importance=C5				
HXRBS	18:38:39	18:42:15	18:45:09	Qual=03	Peak...c/s=66	Tot Cts=3869		MaxkeV=102	Flags=EN #Peaks=1 dt= 3.8s XEN=924612
BCS	18:41	18:45	18:46	Qual= 2	CaPeak.c/s=190	FePeak=18:44		FePeak.c/s=37	Step=15" Cad= 459s 1.024s/pixel
FCS					Wavelength=2788A	Exp #=95552		Rast=420"x240"	Step=0" Pitch=+130", Yaw=+355"
UVSP	18:39				Wavelength=2788A	Exp #=95552			
Radio					Frequency(MHz)/Flux(sfu):	2695/56 4995/50 8800/38			
Event # = 23215	89/09/03, 19:52	DOY=246	Peak	S15E16	SMM Pointing:	End times		Pitch=+249", Yaw=+475", Roll=-20deg	H. Ang=27deg
Optical				Qual=00	Ha...Class=SF			Mac.=FKC	H. Ang=27deg
GOES				Qual= 4					
BCS	19:50	19:52	20:01	Qual= 4	CaPeak.c/s=26	FePeak=19:52		FePeak.c/s=13	#Peaks=1 dt= 7.7s XEN=924613
FCS					Wavelength=2788A	Exp #=95554		Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
UVSP	20:11							Rast=10"x10"	Step=0" Pitch=+135", Yaw=+343"
Event # = 23216	89/09/03, 20:05	DOY=246	Peak	S15E16	SMM Pointing:	End times		Pitch=+249", Yaw=+475", Roll=-20deg	H. Ang=27deg
Optical				Qual=00	Ha...Class=SF			Mac.=FKC	H. Ang=27deg
GOES				Qual= 4					
BCS	20:05	20:05	20:07	Qual= 4	CaPeak.c/s=21	FePeak=20:05		FePeak.c/s=7	#Peaks=1 dt= 7.7s XEN=924614
FCS					Wavelength=2788A	Exp #=95554		Rast=0"x0"	Step=0" Cad=1.02s 1.024s/pixel
UVSP	20:11							Rast=10"x10"	Step=0" Pitch=+135", Yaw=+343"
Event # = 23217	89/09/03, 23:15	DOY=246	Peak	S16E14	SMM Pointing:	End times		Pitch=+249", Yaw=+475", Roll=-20deg	H. Ang=27deg
Optical				Qual=00	Ha...Class=SF			Mac.=FKC	H. Ang=27deg
GOES				Qual= 1					
BCS	23:10	23:15	23:19	Qual= 1	CaPeak.c/s=32	FePeak=23:14		FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=924615
FCS					Wavelength=2788A	Exp #=95558		Rast=115"x115"	Step=5" Cad=1083s 2.048s/pixel
UVSP	22:39							Rast=46"x46"	Step=3" Pitch=-89", Yaw=-96"

Event # = 23218		DOY=246		89/09/04		DOY=247			
89/09/03	23:43	Start	Peak						
Optical	End times		S17E27		AR5669		Mac.=FKC Carr. Lon.=73deg H. Ang=36deg		
G0ES	23:35	23:52	23:52	Importance=M2		FePeak=00:00		#Peaks=1 dt= 3.8s XEN=924700	
BCS	00:00	00:13	00:13	CaPeak.c/s=54		Exp #=95559		Rast=420"x240" Cad= 459s XEN=924700	
FCS	00:03		Wavelength=1375A		Exp #=95559		Step=5" Pitch=+273" ,Yaw=+367"		
UVSP									
Event # = 23219		DOY=247		89/09/04		DOY=247			
89/09/04	00:34	Start	Peak						
G0ES	00:20	00:54	00:54	CaPeak.c/s=201		FePeak=00:32		#Peaks=1 dt= 7.7s XEN=924701	
BCS	00:20	00:54	00:54	Wave length=1375A		Exp #=95560		Rast=0"x0" Cad=3840s XEN=924701	
FCS	00:07		Wavelength=1375A		Exp #=95560		Step=5" Pitch=+240" ,Yaw=+349"		
UVSP									
Event # = 11939		DOY=247		S16E14		H. Ang=27deg			
89/09/04	01:48	Start	Peak	SMM Pointing:					
G0ES	01:46:19	01:48:33	01:48:50	Peak...c/s=61		Tot Cts=1509		Pitch=+271" ,Yaw=+342" ,Roll=-20deg	
HXRBS	01:39	01:48:33	01:48:50	Wave length=1375A		Exp #=95563		MaxkeV=188	
UVSP	01:51		Frequency(MHz)/Flux(sfu):		410/180 1415/55 4995/32 8800/63 15400/63		Step=5" Pitch=+305" ,Yaw=+332"		
Radio									
Event # = 23220		DOY=247		S16E14		H. Ang=27deg			
89/09/04	01:52	Start	Peak						
G0ES	01:51	01:56	01:56	CaPeak.c/s=19		FePeak=01:51		#Peaks=1 dt= 7.7s XEN=924702	
BCS	01:51	01:56	01:56	Wave length=1375A		Exp #=95565		Rast=0"x0" Cad=1.02s XEN=924702	
FCS	01:51		Wavelength=1375A		Exp #=95565		Step=5" Pitch=+306" ,Yaw=+336"		
UVSP									
Event # = 11940		DOY=247		S16E14		H. Ang=27deg			
89/09/04	03:11	Start	Peak	SMM Pointing:					
Optical	End times		S18E24		AR5669		Mac.=FKC Carr. Lon.=74deg H. Ang=35deg		
G0ES	03:02	03:11	03:15	Ha...Class=SF		Tot Cts=11394		Flags=SA dt= 3.8s XEN=924703	
HXRBS	03:02:33	03:03:33	03:10:00	Importance=M1		FePeak=03:08		Rast=420"x240" Cad= 459s XEN=924703	
BCS	03:04	03:09	03:18	Peak...c/s=199		Exp #=95572		Step=5" Pitch=+290" ,Yaw=+315"	
FCS	03:10		CaPeak.c/s=597		Exp #=95572		Step=5" Pitch=+290" ,Yaw=+315"		
UVSP									
Radio	Frequency(MHz)/Flux(sfu):		606/160 1415/25 2695/23 4995/170 8800/230		Associated Event # = 23221		FePeak.c/s=5 #Peaks=1 dt= 7.7s XEN=924704		
BCS	03:18	03:18	03:21	CaPeak.c/s=28		Qual= 5 FePeak=03:18		Rast=180"x180" Cad= 332s XEN=924704	
FCS									
Event # = 11941		DOY=247		S16E13		H. Ang=26deg			
89/09/04	05:07	Start	Peak	SMM Pointing:					
Optical	End times		S18E20		AR5669		Mac.=FKC Carr. Lon.=77deg H. Ang=32deg		
G0ES	04:58	05:07	05:12	Ha...Class=SF		Tot Cts=486		dt= 3.8s XEN=924705	
HXRBS	04:59:42	05:00:26	05:00:50	Importance=C6		Exp #=95585		Rast=420"x240" Cad= 459s XEN=924705	
UVSP	05:05	05:00:26	05:00:50	Peak...c/s=44		Exp #=95585		Step=5" Pitch=+321" ,Yaw=+360"	
UVSP									

Event # = 11942		89/09/04, 05:25		DOY=247		SMM Pointing:		S16E13		Pitch=+279", Yaw=+318", Roll=-20deg		H. Ang=26deg	
Start		End times		Peak		Ha...Class=SF		S18E20		Mac.=FKC		Carr. Lon.=76deg	
Optical		GOES 05:20		05:25		Importance=C8		Qual=01		MaxkeV=188		H. Ang=32deg	
HXRB		05:21:30		05:23:38		Peak...c/s=77		Qual=01		FePeak.c/s=74		#Peaks=2	
BCS		05:03		05:24		CaPeak.c/s=337		Qual=1		Rast=180"x180"		dt= 7.7s	
FCS				05:30		Wave length=1375A		Code=00		Step=10"		XEN=924705	
UVSP		05:17						Exp #=95587		Step=5"		Pitch=+321", Yaw=+358"	
Event # = 23222		89/09/04, 12:20		DOY=247		SMM Pointing:		S23E18		Mac.=FKC		Carr. Lon.=75deg	
Start		End times		Peak		Ha...Class=IN		Qual=05		FePeak.c/s=18		H. Ang=35deg	
Optical		GOES 12:01		12:20		Importance=M1		Qual=5		Rast=180"x180"		#Peaks=1	
HXRB		12:37		12:37		CaPeak.c/s=255		Qual=5		Step=10"		dt= 7.7s	
BCS				13:59		Wave length=245/74		Code=00		Step=10"		XEN=924706	
FCS								Exp #=95587		Step=10"		Cad= 332s	
UVSP								15400/74		Step=10"		Pitch=+321", Yaw=+358"	
Radio										Step=10"		Cad= 332s	
Frequency(MHz)/Flux(sfu):										Step=10"		Pitch=+321", Yaw=+358"	
Event # = 11943		89/09/04, 15:28		DOY=247		SMM Pointing:		S16E07		Pitch=+314", Yaw=+231", Roll=-20deg		H. Ang=24deg	
Start		End times		Peak		Ha...Class=IN		S14W00		Mac.=FKC		Carr. Lon.=91deg	
Optical		GOES 15:22		15:35		Importance=M1		Qual=04		MaxkeV=188		H. Ang=21deg	
HXRB		15:21:31		15:25:41		Peak...c/s=252		Qual=01		FePeak.c/s=84		#Peaks=2	
BCS		15:20		15:27		CaPeak.c/s=402		Qual=1		Rast=180"x180"		dt= 7.7s	
FCS				16:14		Wave length=2788A		Code=00		Step=10"		XEN=924707	
UVSP		15:13				2695/79 4995/180 8800/120		Exp #=95641		Step=0"		Pitch=+193", Yaw=+417"	
Radio								15400/67		Step=0"		Cad= 332s	
Frequency(MHz)/Flux(sfu):										Step=0"		Pitch=+198", Yaw=+185"	
Event # = 23223		89/09/04, 17:01		DOY=247		SMM Pointing:		S16E06		Pitch=+319", Yaw=+219", Roll=-20deg		H. Ang=24deg	
Start		End times		Peak		Ha...Class=SN		Qual=00		MackeV=144		Carr. Lon.=83deg	
Optical		GOES 16:59		17:01		Importance=C8		Qual=1		Rast=180"x1"		H. Ang=26deg	
HXRB		16:59		17:01		Peak...c/s=53		Qual=01		Step=0"		H. Ang=26deg	
BCS				17:05		Wave length=2788A		Qual=01		Step=0"		H. Ang=26deg	
FCS								Exp #=95643		Step=0"		H. Ang=26deg	
UVSP								15400/74		Step=0"		H. Ang=26deg	
Radio										Step=0"		H. Ang=26deg	
Frequency(MHz)/Flux(sfu):										Step=0"		H. Ang=26deg	
Event # = 11944		89/09/04, 17:22		DOY=247		SMM Pointing:		S16E06		Pitch=+319", Yaw=+219", Roll=-20deg		H. Ang=24deg	
Start		End times		Peak		Ha...Class=SN		Qual=00		MackeV=144		Carr. Lon.=83deg	
Optical		GOES 17:22:07		17:22:14		Importance=C8		Qual=01		Rast=180"x1"		H. Ang=26deg	
HXRB		17:22:07		17:22:14		Peak...c/s=53		Qual=01		Step=0"		H. Ang=26deg	
BCS		17:39				Wave length=2788A		Qual=01		Step=0"		H. Ang=26deg	
FCS								Exp #=95643		Step=0"		H. Ang=26deg	
UVSP								15400/74		Step=0"		H. Ang=26deg	
Radio										Step=0"		H. Ang=26deg	
Frequency(MHz)/Flux(sfu):										Step=0"		H. Ang=26deg	
Event # = 11945		89/09/04, 19:11		DOY=247		SMM Pointing:		S16E05		Pitch=+324", Yaw=+206", Roll=-20deg		H. Ang=24deg	
Start		End times		Peak		Ha...Class=SN		S18E06		Mac.=FKC		Carr. Lon.=83deg	
Optical		GOES 19:06		19:11		Importance=C8		Qual=03		MaxkeV=231		H. Ang=26deg	
HXRB		19:07:22		19:08:07		Peak...c/s=254		Qual=03		FePeak.c/s=98		#Peaks=1	
BCS		19:10		19:10		CaPeak.c/s=327		Qual=3		Rast=420"x240"		dt= 3.8s	
FCS				19:13		Wave length=2788A		Code=00		Step=15"		XEN=924709	
UVSP		18:48				2695/89 4995/180 8800/190		Exp #=95647		Step=3"		Pitch=+254", Yaw=+228"	
Radio								15400/74		Step=3"		Cad= 459s	
Frequency(MHz)/Flux(sfu):										Step=3"		Pitch=+254", Yaw=+228"	

Event # = 23224		DOY=247							
89/09/04	20:42	Start	End times						
GOES	20:40	CaPeak.c/s=19	20:43	Qual=00	FePeak=20:40	#Peaks=1	dt= 7.7s	XEN=924710	
BCS	20:42	Wavelength=1375A		Qual= 2	Exp #=95656	Step=0"	Cad=1.02s	1.024s/pixel	
FCS	20:37					Step=5"	Pitch=+394"	Yaw=+104"	
UVSP	20:37								
Event # = 23225		DOY=247							
89/09/04	22:04	Start	End times						
Optical		Ha...Class=SF		S18E10	AR5669	Mac.=FKC	Carr. Lon.=77deg	H. Ang=27deg	
GOES	21:57	CaPeak.c/s=27	22:07	Qual=00	FePeak=21:57	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=924711
BCS	21:57	Wavelength=1375A		Qual= 7	Exp #=95663	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
FCS	21:58					Rast=30"x30"	Step=5"	Pitch=+411"	Yaw=+128"
UVSP	21:58								
Event # = 23226		DOY=247							
89/09/04	23:08	Start	End times						
Optical		Ha...Class=SF		S20E14	AR5669	Mac.=FKC	Carr. Lon.=73deg	H. Ang=31deg	
GOES	23:00	CaPeak.c/s=52	23:30	Qual=00	FePeak=23:05	FePeak.c/s=8	#Peaks=1	dt= 3.8s	XEN=924712
BCS	23:00	Wavelength=1375A		Qual= 4	Exp #=95668	Rast=420"x240"	Step=15"	Cad= 459s	1.024s/pixel
FCS	23:07					Rast=30"x30"	Step=5"	Pitch=+401"	Yaw=+123"
UVSP	23:07								
Event # = 11954		DOY=248							
89/09/05	05:14	Start	End times						
Optical		SMM Pointing:		S16W01		Pitch=+374"	Yaw=-30"	Roll=3deg	H. Ang=23deg
GOES	05:13:48	Peak...c/s=69	05:14:12	Qual=00	Tot Cts=351	MaxkeV=102	Step=5"	Pitch=+381"	Yaw=-18"
HXRBS	05:12	Wavelength=1375A		Qual=01	Exp #=95702	Rast=265"x265"			
UVSP	05:12								
Event # = 23227		DOY=248							
89/09/05	05:15	Start	End times						
Optical		CaPeak.c/s=27	05:18	Qual=00	FePeak=05:15	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=924800
GOES	05:15	Wavelength=1375A		Qual= 4	Exp #=95702	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
BCS	05:15					Rast=265"x265"	Step=5"	Pitch=+381"	Yaw=-18"
FCS	05:12								
UVSP	05:12								
Event # = 11955		DOY=248							
89/09/05	05:50	Start	End times						
Optical		SMM Pointing:		S16W01		Pitch=+374"	Yaw=-30"	Roll=3deg	H. Ang=23deg
GOES	05:46	Ha...Class=SF	06:00	S15W11	AR5669	Mac.=FKC	Carr. Lon.=94deg	H. Ang=25deg	
BCS	05:45:32	Importance=C4	05:48:51	Qual=01	Tot Cts=1238	MaxkeV=102	#Peaks=1	dt= 3.8s	XEN=924801
HXRBS	05:50	Peak...c/s=49	06:03	Qual=01	FePeak=05:50	FePeak.c/s=22	Step=10"	Cad= 332s	1.024s/pixel
BCS	05:50	CaPeak.c/s=80		Qual= 1	Exp #=95710	Rast=180"x180"	Step=5"	Pitch=+398"	Yaw=-96"
FCS	05:50	Wavelength=1375A		Code=02		Rast=30"x30"			
UVSP	05:50								

Event # = 11959
89/09/05, 19:24 DOY=248 H. Ang=25deg
Start Peak Pitch=+396", Yaw=+4", Roll=-20deg
Optical SMM Pointing: S16W08 H. Ang=24deg
GOES 19:24 19:29 Ha...Class=SF AR5669
HXRBS 19:20:23 19:21:03 19:21:48 Peak...c/s=134 Qual=01
BCS 19:23 19:25 19:37 CaPeak.c/s=145 Qual=1
FCS
UVSP Wavelength=2788A Code=00 Exp #=95770
Radio Sweeps Type/Intensity: III/1

Event # = 11960
89/09/05, 22:23 DOY=248 H. Ang=25deg
Start Peak Pitch=+405", Yaw=-20", Roll=-20deg
Optical SMM Pointing: S16W10 H. Ang=24deg
GOES 22:21 22:23 22:29 Ha...Class=IB AR5669
HXRBS 22:19:25 22:22:31 22:27:17 Importance=M6 Qual=01
GRS 22:22:00 22:23:00 CaPeak.c/s=2552 Qual=1
BCS 22:00 22:32
FCS
UVSP Wavelength=1375A Code=00 Exp #=95781
Radio Sweeps Type/Intensity: III/1
Radio Frequency(MHz)/Flux(sfu): 410/950 606/340 2695/370 8800/270 15400/600

Event # = 23229
89/09/05, 22:32 DOY=248
Start Peak
GOES 22:32 22:50 CaPeak.c/s=122 Qual=00
BCS
FCS
UVSP Wavelength=1375A
Dur=60sec
XEN=924805
dt= 7.7s
Step=10" Cad= 332s
Pitch=+425", Yaw=-26"

Event # = 12600
89/09/05, 22:41 DOY=248 H. Ang=25deg
Start Peak Pitch=+405", Yaw=-20", Roll=-20deg
GOES SMM Pointing: S16W10
HXRBS 22:41:44 22:41:53 22:42:53 Peak...c/s=77 Qual=00
UVSP Wavelength=1375A Exp #=95781
Flags=I
Step=5" Pitch=+425", Yaw=-26"

Event # = 11961
89/09/06, 04:58 DOY=249
Start Peak
GOES SMM Pointing: S16W11
HXRBS 04:58:21 04:58:30 04:58:45 Peak...c/s=55 Qual=00
UVSP MaxkeV=144 Rast=70"x70" Exp #=95781
Tot Cts=1510
Exp #=95781
Pitch=+409", Yaw=-33", Roll=-20deg
MaxkeV=102
H. Ang=25deg

Event # = 11962
89/09/06, 15:22 DOY=249
Start Peak
Optical SMM Pointing: N07E01
GOES 15:11 15:22 15:41 Ha...Class=SF AR5669
HXRBS 15:11:24 15:11:45 15:12:01 Importance=C4 Qual=01
Radio Sweeps Type/Intensity: V/2
Radio Frequency(MHz)/Flux(sfu): 410/59
Pitch=+0", Yaw=+17", Roll=0deg
MaxkeV=188
Carr. Lon.=188
H. Ang=1deg
Carr. Lon.=84deg
H. Ang=32deg

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	
BCS	03:32	03:32	03:34	Qual=01	
FCS				Qual=4	
Peak...c/s=41					
CaPeak.c/s=20					
Tot Cts=280					
FePeak=03:32					
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				Qual=01	
UVSP	03:58			Qual=01	
Peak...c/s=38					
WaveLength=2788A					
Tot Cts=319					
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				Qual=01	
UVSP	03:58			Qual=01	
Peak...c/s=36					
WaveLength=2788A					
Tot Cts=127					
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
 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 dt= 7.7s XEN=925002
 FePeak.c/s=64 Step=0" Cad=1.02s 1.024s/pixel
 Rast=0"x0" Pitch=+386", Yaw=-164"
 Rast=180"x1"

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"
 Rast=180"x1"

Pitch=+508", Yaw=-354", Roll=-20deg H. Ang=40deg
 Carr. Lon.=327deg H. Ang=86deg
 Mac.=AXX
 MaxkeV=102 dt= 7.7s XEN=925004
 FePeak.c/s=5 Step=0" Cad=1.02s 1.024s/pixel
 Rast=0"x0" Pitch=+388", Yaw=-175"
 Rast=180"x1"

Pitch=+511", Yaw=-365", Roll=-20deg H. Ang=41deg
 Carr. Lon.=71deg H. Ang=32deg
 Mac.=FKC
 MaxkeV=102 dt= 7.7s XEN=925005
 FePeak.c/s=5 Step=0" Cad=1.02s 1.024s/pixel
 Rast=0"x0" Pitch=+388", Yaw=-175"
 Rast=180"x1"

Pitch=+511", Yaw=-365", Roll=-20deg H. Ang=41deg
 Carr. Lon.=33deg H. Ang=29deg
 Mac.=BXO
 MaxkeV=102 dt= 7.7s XEN=925006
 FePeak.c/s=5 Step=0" Cad=1.02s 1.024s/pixel
 Rast=0"x0" Pitch=+388", Yaw=-175"
 Rast=180"x1"

SMM Pointing: S16W33
 Ha...Class=IN AR5669
 Importance=M1
 Peak...c/s=266
 CaPeak.c/s=446
 WaveLength=2788A Code=00 Exp #=95795
 III/2
 245/7800 410/340 8800/42 15400/66
 Associated Event # = 11968
 Qual=01
 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

SMM Pointing: S16W34
 Ha...Class=IN AR5672
 Importance=M1
 Peak...c/s=266
 CaPeak.c/s=446
 WaveLength=2788A Code=00 Exp #=95796
 III/2
 245/7800 410/340 8800/42 15400/66
 Associated Event # = 11968
 Qual=01
 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

SMM Pointing: S16W34
 Ha...Class=SF AR5686
 Importance=M1
 Peak...c/s=34
 CaPeak.c/s=30
 WaveLength=2788A Code=00 Exp #=95797
 III/2
 245/7800 410/340 8800/42 15400/66
 Associated Event # = 11968
 Qual=01
 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

SMM Pointing: S16W34
 Ha...Class=SF AR5669
 Importance=M1
 Peak...c/s=59
 WaveLength=1375A
 4995/54
 Code=00 Exp #=95801
 III/2
 245/7800 410/340 8800/42 15400/66
 Associated Event # = 11968
 Qual=01
 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

SMM Pointing: S16W34
 Ha...Class=SF AR5682
 Importance=M1
 Peak...c/s=43
 WaveLength=1375A
 Code=00 Exp #=95803
 III/2
 245/7800 410/340 8800/42 15400/66
 Associated Event # = 11968
 Qual=01
 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 # = 11973	DOY=250		SMM Pointing:	S16W34	Pitch=+511", Yaw=-365", Roll=-20deg	H. Ang=41deg
89/09/07, 08:29	Start	End times	Ha...Class=18		Mac.=FKC	Carr. Lon.=87deg
GOES	08:29	08:39	Importance=M2	Qual=03	MaxkeV=188	Flags=M5
HXRBS	08:21:03	08:24:05	Peak...c/s=608	Qual=01	dt=7.7s	XEN=925006
BCS	08:38	08:39	CaPeak.c/s=43	Qual=4	Step=0"	Cad=1.02s
FCS		08:40	Wavelength=1375A	Code=00	Step=5"	Pitch=+501", Yaw=-313"
UVSP	08:24		Type/Intensity: V/2	Exp #=95805		
Radio Sweeps			Frequency(MHz)/Flux(sfu):	245/1600	410/120	606/40
Radio				1415/340	2695/290	4995/250
				8800/110	15400/80	
Event # = 11974	DOY=250		SMM Pointing:	S16W35	Pitch=+514", Yaw=-376", Roll=-20deg	H. Ang=42deg
89/09/07, 09:50	Start	End times	Peak...c/s=87	Qual=00	MaxkeV=144	
GOES	09:49:57	09:50:58	Wavelength=1375A	Qual=01	Rast=30"x30"	Step=5"
HXRBS	09:49:57	09:51:06		Tot Cts=1410		Pitch=+514", Yaw=-483"
UVSP	09:48			Exp #=95814		
Event # = 11975	DOY=250		SMM Pointing:	S16W35	Pitch=+514", Yaw=-376", Roll=-20deg	H. Ang=42deg
89/09/07, 10:09	Start	End times	Peak...c/s=74	Qual=00	MaxkeV=102	
GOES	10:08:59	10:09:17	Wavelength=1375A	Qual=01	Rast=30"x30"	Step=5"
HXRBS	10:08:59	10:10:21		Tot Cts=655		Pitch=+514", Yaw=-484"
UVSP	10:00			Exp #=95816		
Radio			Frequency(MHz)/Flux(sfu):	245/650		
Event # = 11976	DOY=250		SMM Pointing:	S16W36	Pitch=+517", Yaw=-386", Roll=-20deg	H. Ang=43deg
89/09/07, 10:57	Start	End times	Peak...c/s=38	Qual=00	MaxkeV=102	
GOES	10:57:10	10:57:29	Wavelength=1375A	Qual=01	Rast=265"x265"	Step=5"
HXRBS	10:57:10	10:57:52		Tot Cts=137		Pitch=+524", Yaw=-374"
UVSP	10:54			Exp #=95817		
Event # = 11977	DOY=250		SMM Pointing:	S16W39	Pitch=+525", Yaw=-420", Roll=-20deg	H. Ang=45deg
89/09/07, 16:02	Start	End times	Peak...c/s=42	Qual=00	MaxkeV=102	
GOES	16:02:18	16:02:20	Wavelength=1375A	Qual=01	Rast=10"x10"	Step=0"
HXRBS	16:02:18	16:02:32		Tot Cts=132		Pitch=+510", Yaw=-331"
UVSP	16:01			Exp #=95850		
Event # = 11978	DOY=250		SMM Pointing:	S16W39	Pitch=+525", Yaw=-420", Roll=-20deg	H. Ang=45deg
89/09/07, 16:18	Start	End times	Peak...c/s=41	Qual=00	MaxkeV=102	
GOES	16:17:33	16:18:43	Wavelength=1375A	Qual=01	Rast=10"x10"	Step=0"
HXRBS	16:17:33	16:19:33		Tot Cts=626		Pitch=+510", Yaw=-312"
UVSP	16:14			Exp #=95852		
Event # = 23232	DOY=250		SMM Pointing:	S16W39	Pitch=+525", Yaw=-420", Roll=-20deg	H. Ang=45deg
89/09/07, 17:06	Start	End times	CaPeak.c/s=28	Qual=00	FePeak.c/s=7	dt=7.7s
GOES	17:04	17:06	Wavelength=1375A	Qual=1	Rast=0"x0"	XEN=925007
BCS	17:04	17:15		Exp #=95854	Step=0"	Cad=1.02s
FCS					Step=10"	Pitch=+507", Yaw=-473"
UVSP	17:05				Step=10"	Pitch=+507", Yaw=-473"

Event # = 23233						
89/09/07, 17:26	DOY=250	Peak	End times			
Optical	Start	17:18	17:32	S14W37	AR5669	H. Ang=42deg
GOES	17:18	17:26	17:32	Qual=00	FePeak=17:22	dt= 7.7s XEN=925008
BCS				Qual=1	Exp #=95857	Cad=1.02s 1.024s/pixel
FCS				CaPeak.c/s=33		Step=0" Pitch=+487", Yaw=-444"
UVSP				WaveLength=1375A		
Radio				410/65		

Event # = 11979						
89/09/07, 19:02	DOY=250	Peak	End times			
Optical	Start	18:52	19:15	S16W40	AR5669	H. Ang=46deg
GOES	18:52	19:02	19:15	S18W35	AR5669	H. Ang=43deg
HXRBS	18:57:33	18:58:14	18:59:27	Qual=03		
UVSP	19:01			Importance=C4		
Radio				Qual=01		

Event # = 11980						
89/09/07, 19:03:34	DOY=250	Peak	19:03:57	19:04:17		
HXRBS	19:03:34	19:03:57	19:04:17	Associated Event # = 11980		
				Qual=01	Tot Cts=211	

Event # = 11981						
89/09/07, 20:33	DOY=250	Peak	End times			
Optical	Start	20:32:16	20:33:35	20:34:10		
GOES	20:32:16	20:33:35	20:34:10	S16W41	AR5669	H. Ang=47deg
HXRBS	20:32:16	20:33:35	20:34:10	S14W33	AR5669	H. Ang=39deg
UVSP	20:32			Qual=00		
Radio				Qual=01		

Event # = 11982						
89/09/07, 20:36	DOY=250	Peak	End times			
Optical	Start	20:35:55	20:36:02	20:36:39		
GOES	20:35:55	20:36:02	20:36:39	S16W41	AR5680	H. Ang=47deg
HXRBS	20:35:55	20:36:02	20:36:39	N13E57	AR5680	H. Ang=56deg
UVSP	20:32			Qual=00		
Radio				Qual=01		

Event # = 23234						
89/09/07, 21:17	DOY=250	Peak	End times			
Optical	Start	21:07	21:31	21:44		
GOES	21:07	21:17	21:31	21:44		
BCS	21:35	21:35	21:44			
FCS						
UVSP	21:39					

Event # = 11983						
89/09/07, 23:13	DOY=250	Peak	End times			
Optical	Start	23:13:46	23:13:57	23:14:20		
GOES	23:13:46	23:13:57	23:14:20	S16W42		H. Ang=48deg
HXRBS	23:13:46	23:13:57	23:14:20	Qual=00		
UVSP	22:58			Qual=01		
Radio						
Radio						

Event # = 11984						
89/09/07, 22:58	DOY=250	Peak	End times			
Optical	Start	22:58	23:00:35			
GOES	22:58	23:00:35	23:00:35			
HXRBS	22:58	23:00:35	23:00:35			
UVSP	22:58	23:00:35	23:00:35			
Radio						
Radio						

Event # = 23235
 89/09/08,01:21 DOY=251 Peak
 GOES Start End times
 BCS 01:19 01:21 01:31 CaPeak.c/s=29 FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=925100
 FCS 01:21 01:22 01:31 Wavelength=2788A Qual=00 Qual= 4 FePeak=01:19 Rast=0" x0" Cad=1.02s 1.024s/pixel
 UVSP 01:26 01:27 01:31 WaveLength=2788A Exp #=95885 Step=0" Pitch=+420" ,Yaw=-297"

Event # = 11990
 89/09/08,01:24 DOY=251 Peak
 GOES Start End times
 HXRBS 01:24:04 01:24:14 01:24:31 SMM Pointing: S16W44 Pitch=+540" ,Yaw=-481" ,Roll=-20deg H.Ang=49deg
 UVSP 01:26 01:27 01:31 Peak,...c/s=46 Qual=00 MaxkeV=102
 WaveLength=2788A Qual=01 Rast=180"x1" Step=0" Pitch=+420" ,Yaw=-297"

Event # = 11991
 89/09/08,01:25 DOY=251 Peak
 GOES Start End times
 HXRBS 01:25:33 01:25:38 01:25:53 SMM Pointing: S16W44 Pitch=+540" ,Yaw=-481" ,Roll=-20deg H.Ang=49deg
 UVSP 01:26 01:27 01:31 Peak,...c/s=45 Qual=00 MaxkeV=102
 WaveLength=2788A Qual=01 Rast=180"x1" Step=0" Pitch=+420" ,Yaw=-297"

Event # = 11992
 89/09/08,02:35 DOY=251 Peak
 Optical Start End times
 GOES 02:31 02:35 02:42 Ha...Class=SF S16W44 Pitch=+540" ,Yaw=-481" ,Roll=-20deg H.Ang=49deg
 HXRBS 02:31:26 02:33:23 02:35:20 Importance=C5 S21W34 Carr. Lon.=79deg H.Ang=44deg
 BCS 02:33 02:36 03:04 Peak...c/s=350 Qual=01 MaxkeV=188
 FCS 02:33 02:36 03:04 CaPeak.c/s=119 Qual=1 FePeak.c/s=27 #Peaks=1 dt= 3.8s XEN=925101
 UVSP 02:57 03:04 WaveLength=2788A Exp #=95887 Step=0" Pitch=+422" ,Yaw=-306
 Radio Frequency(MHz)/Flux(sfu): 606/83 1415/41

Event # = 11993
 89/09/08,03:38 DOY=251 Peak
 Optical Start End times
 GOES 03:28 03:38 03:50 Ha...Class=IN S16W45 Pitch=+543" ,Yaw=-491" ,Roll=-20deg H.Ang=50deg
 HXRBS 03:41:17 03:42:09 03:42:43 Importance=M1 N29E27 Carr. Lon.=18deg H.Ang=33deg
 UVSP 03:35 03:36 03:37 Peak...c/s=46 Qual=01 MaxkeV=102
 WaveLength=2788A Code=00 Rast=180"x1" Step=0" Pitch=+423" ,Yaw=-310"

Event # = 11984
 89/09/08,04:09 DOY=251 Peak
 Optical Start End times
 GOES 04:06 04:09 04:14 Ha...Class=SF S16W45 Pitch=+543" ,Yaw=-491" ,Roll=-20deg H.Ang=50deg
 HXRBS 04:07:18 04:07:32 04:11:35 Importance=M1 S20W25 Carr. Lon.=69deg H.Ang=37deg
 GRS 04:07:00 04:08:00 Peak...c/s=7151 Qual=02 Tot Cts=92149 MaxkeV=420 Flags=M5,SG
 BCS 04:09 04:11 04:37 CaPeak.c/s=162 Qual= 1 FePeak=04:09 Dur=60sec
 FCS 04:30 04:30 WaveLength=2788A Exp #=95889 XEN=925102
 UVSP Type/Intensity: III/3 Radio Sweeps Frequency(MHz)/Flux(sfu): 245/18000 410/16000 606/270 1415/79 2695/84 4995/150 8800/360 15400/1200

Event # = 11985	89/09/08, 04:25	DOY=251	Peak	SMM Pointing:	S16W45	Pitch=+543"	Yaw=-491"	Roll=-20deg	H. Ang=50deg
Optical	Start	End times	AR5676	Ha...Class=SF	N27E26	Mac.=ESO	Carr. Lon.=18deg		H. Ang=32deg
GOES	04:24:17	04:25:09	04:25:42	Peak...c/s=41	Qual=00	MaxkeV=102	Step=0"	Pitch=+424"	Yaw=-316"
HXRBS	04:30			Wavelength=2788A	Qual=01	Rast=180"x1"			
UVSP									
Event # = 11986	89/09/08, 04:29	DOY=251	Peak	SMM Pointing:	S16W45	Pitch=+543"	Yaw=-491"	Roll=-20deg	H. Ang=50deg
Optical	Start	End times	AR5669	Ha...Class=SF	S17W37	Mac.=FKC	Carr. Lon.=81deg		H. Ang=44deg
GOES	04:28:51	04:29:14	04:30:19	Peak...c/s=59	N27E26	MaxkeV=102	Carr. Lon.=18deg		H. Ang=32deg
HXRBS	04:30			Wavelength=2788A	Qual=00	Rast=180"x1"	Step=0"	Pitch=+424"	Yaw=-316"
UVSP									
Event # = 23236	89/09/08, 05:29	DOY=251	Peak	Ha...Class=SN	S11E90	Carr. Lon.=314deg			H. Ang=91deg
Optical	Start	End times	FePeak=05:29	CaPeak.c/s=43	Qual=00	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=925103
GOES	05:15	05:29	05:47	Wavelength=2788A	Qual= 4	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
BGS						Rast=180"x1"	Step=0"	Pitch=+425"	Yaw=-319"
FCS									
UVSP	05:06								
Event # = 11987	89/09/08, 05:57	DOY=251	Peak	SMM Pointing:	S16W46	Pitch=+545"	Yaw=-501"	Roll=-20deg	H. Ang=51deg
Optical	Start	End times		Peak...c/s=53	Qual=06	MaxkeV=144	#Peaks=1	dt= 3.8s	XEN=925104
GOES	05:54:36	05:54:51	05:55:29	CaPeak.c/s=57	Qual=01	FePeak.c/s=9	Step=0"	Cad=.26s	0.256s/pixel
HXRBS	05:54	05:57	06:09	Wavelength=2788A	Qual= 1	Rast=0"x0"	Step=0"	Pitch=+426"	Yaw=-325"
BGS									
FCS									
UVSP	06:02								
Event # = 11988	89/09/08, 06:47	DOY=251	Peak	SMM Pointing:	S16W47	Pitch=+547"	Yaw=-511"	Roll=-20deg	H. Ang=52deg
Optical	Start	End times	AR5669	Ha...Class=SF	S23W34	Mac.=FKC	Carr. Lon.=77deg		H. Ang=45deg
GOES	06:44	06:47	06:50	Importance=C5	Qual=01	MaxkeV=188	Flags=SA	dt= 3.8s	XEN=925105
HXRBS	06:45:48	06:46:06	06:46:49	Peak...c/s=256	Qual=02	FePeak.c/s=13	#Peaks=1	Cad=.26s	0.256s/pixel
BGS	06:47	06:47	07:00	CaPeak.c/s=54	Qual= 5	Rast=0"x0"	Step=0"	Pitch=+427"	Yaw=-329"
FCS									
UVSP	06:39			Wavelength=2788A	Code=00				
Radio Sweeps		Type/Intensity:	111/3						
Radio Frequency (MHz)/Flux(sfu):	245/280	410/590	606/90						

Event # = 11989															
89/09/08,07:29	DOY=251	Peak													
Optical			SMM Pointing:	S16W47											
Optical			Ha...Class=SF	S16W30											
GOES	07:25	07:29	Ha...Class=SF	N20E59		AR5669									
HXRBS	07:27:25	07:27:43	Importance=C6	Qual=03		AR5686									
BCS	07:28	07:29	Peak...c/s=77	Qual=01											
FCS			CaPeak.c/s=39	Qual= 1											
UVSP	07:33		Wavelength=2788A	Code=02	Exp #=95893										
Event # = 23237															
89/09/08,11:25	DOY=251	Peak													
GOES															
BCS	11:25	11:27	CaPeak.c/s=20	Qual=00											
UVSP	11:26		Wavelength=1375A	Qual= 6	Exp #=95913										
Event # = 11994															
89/09/08,13:32	DOY=251	Peak													
GOES	13:25	13:32	SMM Pointing:	S16W51											
HXRBS	13:30:32	13:30:46	Importance=C4	Qual=03											
UVSP	13:25		Peak...c/s=33	Qual=01											
			Wavelength=1375A	Code=00	Exp #=95928										
Event # = 11995															
89/09/08,14:34	DOY=251	Peak													
GOES															
HXRBS	14:34:08	14:34:15	SMM Pointing:	S16W51											
UVSP	14:35		Peak...c/s=54	Qual=00											
			Wavelength=1375A	Qual=01	Exp #=95932										
Event # = 11996															
89/09/08,16:20	DOY=251	Peak													
Optical															
GOES	16:20:37	16:20:49	SMM Pointing:	S16W52											
HXRBS	16:20		Ha...Class=SF	S21W42		AR5669									
UVSP	16:20		Peak...c/s=46	Qual=00											
			Wavelength=1375A	Qual=01	Exp #=95944										
Event # = 11997															
89/09/08,18:03	DOY=251	Peak													
Optical															
GOES	17:52	18:03	SMM Pointing:	S16W53											
HXRBS	17:51:35	17:53:12	Ha...Class=IN	N17E33		AR5680									
UVSP	18:01		Importance=M1	Qual=03											
Radio Sweeps			Peak...c/s=200	Qual=01											
Radio Frequency(MHz)/Flux(sfu):			Wavelength=1375A	Code=00	Exp #=95955										
			V/3												
			245/180	410/97	606/80	1415/99	2695/87								

Event # = 23228
 89/09/08, 20:35 DOY=251
 Start Peak
 End times
 G0ES 20:34 21:18 Qual=00 FePeak=20:34
 BCS 20:35 21:18 Qual=5 FePeak=20:34
 FCS 20:35 21:18 Qual=5 FePeak=20:34
 UVSP 20:38 21:18 Qual=5 FePeak=20:34
 Wavelength=1375A Exp #=95967
 CaPeak.c/s=201
 FePeak.c/s=12 dt= 3.8s XEN=925108
 Rast=0"x0" Cad=.26s 0.256s/pixel
 Rast=265"x265" Pitch=+570", Yaw=-578"
 #Peaks=2 Step=0" Step=5"
 dt= 3.8s XEN=925108
 Cad=.26s 0.256s/pixel
 Pitch=+570", Yaw=-578"

Event # = 23238
 89/09/08, 21:40 DOY=251
 Start Peak
 End times
 Optical 21:40 22:21 S18W48 AR5669 H.Ang=54deg
 Optical 22:07 22:29 N22W25 AR5672 H.Ang=28deg
 G0ES 21:18 22:07 Qual=05 FePeak=22:08
 BCS 22:07 22:29 Qual=5 FePeak=22:08
 FCS 22:07 22:29 Qual=5 FePeak=22:08
 UVSP 21:16 22:29 Qual=5 FePeak=22:08
 Wavelength=1375A Exp #=95975
 CaPeak.c/s=96
 FePeak.c/s=8 dt= 3.8s XEN=925109
 Rast=180"x180" Cad= 332s 1.024s/pixel
 Rast=30"x30" Pitch=+622", Yaw=-608"
 #Peaks=1 Step=10" Step=5"
 dt= 3.8s XEN=925109
 Cad= 332s 1.024s/pixel
 Pitch=+622", Yaw=-608"

89/09/09 DOY=252
 SMM Pointing: S16W56 Pitch=+565", Yaw=-606", Roll=-20deg H.Ang=60deg
 Event # = 12601 DOY=252
 Start Peak
 End times
 G0ES 00:11:01 00:12:41 Qual=01
 HXRBS 00:26 00:11:52 00:12:41 Peak...c/s=256 Tot Cts=12800
 UVSP 00:26 00:11:52 00:12:41 Wavelength=2788A WaveLength=2788A Qual=01 Exp #=95979
 MaxKeV=188
 Rast=180"x1" Pitch=+445", Yaw=-424"
 Flags=I, ND
 Step=0" Step=0"
 dt= 7.7s XEN=925200
 Cad= 332s 1.024s/pixel
 Pitch=+446", Yaw=-432"

Event # = 23239
 89/09/09, 02:02 DOY=252
 Start Peak
 End times
 Optical 02:02 02:12 S08E73 AR5689 H.Ang=74deg
 G0ES 01:41 02:02 Qual=03
 BCS 01:41 02:02 Qual=6 FePeak=02:02
 FCS 01:49 02:02 Qual=6 FePeak=02:02
 UVSP 01:58 02:02 Qual=6 FePeak=02:02
 Wavelength=2788A Exp #=95981
 CaPeak.c/s=81
 Peak3..c/s=16499
 Wavelength=2788A
 Ha...Class=SF
 S08E73 AR5689 H.Ang=74deg
 Qual=03
 FePeak=02:02
 Exp #=95981

Event # = 23240
 89/09/09, 03:00 DOY=252
 Start Peak
 End times
 Optical 03:00 03:09 N24W03 AR5682 H.Ang=17deg
 G0ES 03:00 03:02 Qual=00
 BCS 03:00 03:02 Qual=5 FePeak=03:00
 FCS 03:02 03:02 Qual=5 FePeak=03:00
 UVSP 03:29 03:02 Qual=5 FePeak=03:00
 Wavelength=2788A Exp #=95983
 CaPeak.c/s=26
 Peak3..c/s=6124
 Wavelength=2788A
 Ha...Class=SF
 N24W03 AR5682 H.Ang=17deg
 Qual=00
 FePeak=03:00
 Exp #=95983

Event # = 23241
 89/09/09, 04:44 DOY=252
 Start Peak
 End times
 Optical 04:37 05:04 S15W57 AR5669 H.Ang=61deg
 G0ES 04:37 04:44 Qual=03
 BCS 04:35 04:43 Qual=1 FePeak=04:41
 FCS 05:01 05:05 Qual=5 FePeak=05:06
 UVSP 05:01 05:05 Qual=5 FePeak=05:06
 Wavelength=2788A Exp #=95985
 Associated Event # = 23242
 Qual=5 FePeak=05:06

Event # = 23243	DOY=252	Start	End times						
89/09/09,07:24	Peak	07:24	07:28	CaPeak.c/s=25	Qual=00	FePeak=07:22	FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=925204
GOES				Wavelength=2788A	Qual= 1	Exp #=95988	Rast="0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
BCS							Rast=180"x1"	Step=0"	Pitch=+449", Yaw=-455"
FCS									
UVSP									
Event # = 11998	DOY=252	Start	End times	SMM Pointing:	S16W60				H.Ang=64deg
89/09/09,07:44	Peak	07:43:39	07:43:51	Peak...c/s=41	Qual=01	Tot Cts=158	MaxkeV=102		
GOES		07:44	07:46	CaPeak.c/s=21	Qual= 4	FePeak=07:44	FePeak.c/s=6	#Peaks=1	dt= 7.7s XEN=925205
HXRBS				Wavelength=2788A		Exp #=95989	Rast="0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
BCS							Rast=180"x1"	Step=0"	Pitch=+450", Yaw=-459"
FCS									
UVSP									
Event # = 23244	DOY=252	Start	End times						
89/09/09,08:52	Peak	08:52	09:00	CaPeak.c/s=27	Qual=00	FePeak=08:52	FePeak.c/s=8	#Peaks=1	dt= 7.7s XEN=925206
GOES				Wavelength=2788A	Qual= 5	Exp #=95990	Rast="0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
BCS							Rast=180"x1"	Step=0"	Pitch=+450", Yaw=-462"
FCS									
UVSP									
Event # = 11999	DOY=252	Start	End times	SMM Pointing:	S16W61				
89/09/09,09:14	Peak	09:14	09:28	Ha...Class=28	N18E28	AR5680	Mac.=EKI	Carr.Lon.=0deg	H.Ang=65deg
Optical				Importance=X1	Qual=01				
GOES		09:15	09:34:47	Peak...c/s=111000	Qual=11	Tot Cts=4.51E+6	MaxkeV=860	Flags=M5, DG	
HXRBS		09:10:00	09:15:00	Wavelength=2788A		Exp #=95991	>10MeV=Y	Step=0"	Dur=300sec
GRS				Type/Intensity:			Rast=180"x1"		
UVSP				IV/3					
Radio Sweeps				Frequency(MHz)/Flux(sfu):					
Radio				245/13000 410/1200 606/4100 1415/2300 2695/1400 4995/2700 8800/5700 15400/9900					
Event # = 23245	DOY=252	Start	End times						
89/09/09,10:32	Peak	10:32	11:00	CaPeak.c/s=179	Qual=00	FePeak=10:29	FePeak.c/s=37	#Peaks=1	dt= 7.7s XEN=925207
GOES				Wavelength=1375A	Qual= 1	Exp #=95994	Rast=420"x240"	Step=15"	Cad= 459s 1.024s/pixel
BCS							Rast=10"x10"	Step=0"	Pitch=+551", Yaw=-664"
FCS									
UVSP									
Event # = 12000	DOY=252	Start	End times	SMM Pointing:	S16W61				
89/09/09,10:33	Peak	10:33:46	10:33:55	Peak...c/s=47	Qual=00	Tot Cts=90	MaxkeV=102		
GOES		10:31		Wavelength=1375A	Qual=01	Exp #=95994	Rast=10"x10"	Step=0"	Pitch=+551", Yaw=-664"
HXRBS									
UVSP									

Event # = 12001										Pitch=+573", Yaw=-658", Roll=-20deg		H. Ang=66deg
89/09/09, 11:12	DOY=252	Peak	SMM Pointing:	S16W63								
GOES	11:09	11:12	11:19	11:19	Importance=C5	Qual=03						
HXRBS	11:09:09	11:10:36	11:12:52		Peak...c/s=594	Qual=01						
UVSP	11:11				WaveLength=1375A	Code=00						
Radio	Frequency(MHz)/Flux(sfu):				245/200	1415/230	4995/84					
Event # = 23246												
89/09/09, 12:05	DOY=252	Peak	SMM Pointing:									
GOES	12:02	12:05	12:21		CaPeak.c/s=31	Qual=00						
BGS					WaveLength=1375A							
FCS												
UVSP	12:03											
FePeak.c/s=10												
Rast=0"x0"												
Rast=70"x70"												
dt= 7.7s												
Cad=1.02s												
Pitch=+577", Yaw=-620"												
Event # = 12002												
89/09/09, 12:46	DOY=252	Peak	SMM Pointing:	S16W63								
Optical												
GOES	12:45:56	12:47:11	12:48:16	12:51	Ha...Class=SN	Qual=00						
HXRBS	12:45:56	12:47:11	12:48:16	12:51	Peak...c/s=123	Qual=01						
BGS	12:47	12:46	12:51		CaPeak.c/s=38	Qual= 2						
FCS												
UVSP	12:03				WaveLength=1375A							
Radio	Frequency(MHz)/Flux(sfu):				410/3900	606/940						
Event # = 12003												
89/09/09, 15:38	DOY=252	Peak	SMM Pointing:	S16W64								
Optical												
GOES	15:32	15:38	15:42		Ha...Class=SN	Qual=03						
HXRBS	15:33:21	15:34:16	15:37:33		Importance=C9	Qual=01						
UVSP	15:34				Peak...c/s=452	Code=00						
Radio	Frequency(MHz)/Flux(sfu):				245/900	410/5800	606/4000	1415/69	2695/38	4995/210	8800/110	15400/55
Event # = 12004												
89/09/09, 16:46	DOY=252	Peak	SMM Pointing:	N18E24								
GOES	16:46:15	16:46:24	16:46:54		Peak...c/s=80	Qual=01						
HXRBS	16:46:15	16:46:24	16:46:54		WaveLength=1375A							
UVSP	16:39											
Event # = 12005												
89/09/09, 16:52	DOY=252	Peak	SMM Pointing:	N18E24								
Optical												
GOES	16:52:29	16:52:38	16:52:50		Ha...Class=SF	Qual=00						
HXRBS	16:52:29	16:52:38	16:52:50		Peak...c/s=36	Qual=01						
UVSP	16:39				WaveLength=1375A							
Radio	Frequency(MHz)/Flux(sfu):				410/3900	606/940						

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								
Optical								
GOES	18:09:12	18:12:55	18:14:26	Qual=01	Tot Cts=2228	MaxkeV=102	Flags=M5	
HXRBS	18:10			Qual=01	Exp #=96025	Rast=30"x30"	Step=5"	
UVSP							Pitch=-263", Yaw=+215"	
Radio	Frequency (MHz)/Flux(sfu): 245/100 4995/50							
Event # = 12007								
89/09/09, 19:34	DOY=252	Peak	End times	Pitch=-298", Yaw=+271", Roll=-20deg				H. Ang=25deg
Start								
Optical								
GOES	19:25	19:34	20:06	S15W67	AR5669	Mac.=FKI	Carr. Lon.=90deg	
HXRBS	19:33:09	19:33:29	19:41:31	Qual=02	Tot Cts=74900	MaxkeV=144	Flags=I, SN	
BCS	19:58	20:03	20:15	Qual=02	FePeak=20:03	FePeak.c/s=13	#Peaks=1	
FCS				Qual=1		Rast=0"x0"	dt= 3.8s XEN=925210	
UVSP	19:39					Rast=243"x243"	Cad=.26s 0.256s/pixel	
WaveLength=2788A Code=02 Exp #=96032								
Associated Event # = 12602								
HXRBS	19:43:50	19:44:42	19:46:05	Qual=11	Tot Cts=981	MaxkeV=102	Flags=I, DG	
Associated Event # = 12603								
HXRBS	19:48:13	19:48:30	19:50:35	Qual=01	Tot Cts=1310	MaxkeV=102	Flags=I	
UVSP	19:46				Exp #=96033	Rast=39"x39"	Step=3"	
WaveLength=2788A Code=02 Exp #=96032								
Associated Event # = 12604								
HXRBS	20:01:08	20:01:37	20:01:49	Qual=01	Tot Cts=153	MaxkeV=102	Flags=I	
UVSP	19:46				Exp #=96033	Rast=39"x39"	Step=3"	
WaveLength=2788A Code=02 Exp #=96032								
Associated Event # = 12604								
Event # = 12605								
89/09/09, 21:40	DOY=252	Peak	End times	Pitch=+0", Yaw=+0", Roll=9deg				H. Ang=0deg
Start								
Optical								
GOES	21:40:01	21:40:08	21:40:29	Qual=00	Tot Cts=142	MaxkeV=102	Flags=I	
HXRBS	21:54			Qual=01	Exp #=96035	Rast=180"x1"	Step=0"	
UVSP							Pitch=+4", Yaw=+5"	
WaveLength=2788A Code=02 Exp #=96032								
Associated Event # = 12606								
Event # = 23247								
89/09/10, 00:33	DOY=253	Peak	End times	89/09/10 DOY=253				
Start								
Optical								
GOES	00:12	00:33	00:40	N20E21	AR5680	Mac.=FKI	Carr. Lon.=359deg	
BCS				Qual=00	Tot Cts=17	FePeak.c/s=17	#Peaks=2	
FCS				Qual=1	FePeak=00:33	Rast=180"x180"	dt= 7.7s XEN=925300	
UVSP	00:59				Exp #=96039	Rast=180"x1"	Cad= 332s 1.024s/pixel	
Radio	Frequency (MHz)/Flux(sfu): 410/250 606/110 2695/35 4995/67 8800/41 15400/35							
Event # = 12008								
89/09/10, 01:40	DOY=253	Peak	End times	Pitch=-274", Yaw=+213", Roll=-20deg				H. Ang=21deg
Start								
Optical								
GOES	01:36	01:40	01:58	N16E57	AR5687	Mac.=DAI	Carr. Lon.=322deg	
HXRBS	01:44:30	01:44:37	01:44:56	Qual=05	Tot Cts=185	MaxkeV=102	H. Ang=56deg	
UVSP	01:35			Qual=01	Exp #=96040	Rast=180"x1"	Step=0"	
WaveLength=2788A Code=00 Exp #=96040								
Associated Event # = 12607								
Event # = 12608								
Pitch=-274", Yaw=+213", Roll=-20deg								
H. Ang=21deg								

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 02:23	02:30	02:53		MaxkeV=188	#Peaks=2 dt= 3.8s XEN=925301
HXRBS 02:22:10	02:25:42	02:29:57		FePeak.c/s=60	Step=15" Cad= 459s 1.024s/pixel
BCS 02:01	02:30	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):	III/3				
	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	04:56:02		MaxkeV=232	Step=0" Pitch=-130", Yaw=+121"
HXRBS 04:39				Rast=180"x1"	
UVSP				Exp #=96044	
Radio Sweeps	Type/Intensity:				
Radio Frequency(MHz)/Flux(sfu):	III/140				
	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	05:04:49	05:05:04		MaxkeV=144	Step=0" Pitch=-130", Yaw=+121"
HXRBS 04:39				Rast=180"x1"	
UVSP				Exp #=96044	
Radio Sweeps	Type/Intensity:				
Radio Frequency(MHz)/Flux(sfu):	III/140				
	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	05:16	05:21		FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=925302
BCS 05:15				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):	III/1				
	245/760	2695/31	4995/120	8800/150	15400/77
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	05:27:27		MaxkeV=102	#Peaks=1 dt= 7.7s XEN=925303
HXRBS 05:23	05:25	05:29		FePeak.c/s=9	Step=0" Cad=1.02s 1.024s/pixel
BCS 05:23				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):	III/1				
	245/760	2695/31	4995/120	8800/150	15400/77
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			AR5669	Mac.=FKI	Carr. Lon.=73deg
GOES 05:36	05:45	05:59		MaxkeV=232	Flags=EN
HXRBS 05:37:03	05:39:34	05:40:22		Rast=180"x1"	Step=0" Pitch=-128", Yaw=+114"
UVSP 05:35				Exp #=96045	
Radio Sweeps	Type/Intensity:				
Radio Frequency(MHz)/Flux(sfu):	III/1				
	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	End times	N19E21	AR5680	Mac. =FKI	Carr. Lon. =355deg	H. Ang=24deg	
GOES	06:51	06:59		Importance=C8		Qual=01		MaxkeV=232			
HXRBS	06:47:01	06:51:12	06:55:05	Peak...c/s=201		Qual=01	Tot Cts=10377	FePeak.C/s=44	#Peaks=1	dt= 3.8s	XEN=925304
BCS	06:50	06:54	07:00	CaPeak.c/s=168		Qual= 1	FePeak=06:54	Rast=420"x240"	Step=15"	Cad= 459s	1.024s/pixel
FCS							Exp #=96047	Rast=180"x1"	Step=0"	Pitch=-123"	Yaw=+102"
UVSP	07:07			Wavelength=2788A							
Radio Sweeps				Type/Intensity:							
Radio				III/3							
				Frequency(MHz)/Flux(sfu):			1415/31	2695/53	4995/160	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	End times	S19W82	AR5669	Mac. =FKI	Carr. Lon. =98deg	H. Ang=85deg	
GOES				Peak...c/s=418		Qual=00		MaxkeV=275	Flags=M5,MD		
HXRBS	07:49:24	07:56:06	08:08:31	Wavelength=1375A		Qual=01	Tot Cts=1.02E+5	Rast=265"x265"	Step=5"	Pitch=-247"	Yaw=+178"
UVSP	08:00						Exp #=96049				
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	End times	N18E13	AR5680	Mac. =FKI	Carr. Lon. =360deg	H. Ang=17deg	
GOES	12:54	13:01	13:04	Importance=C9		Qual=01		MaxkeV=521	Flags=M5		
HXRBS	12:54:38	12:56:47	13:04:24	Peak...c/s=2239		Qual=01	Tot Cts=93063				
GRS	12:56:00	13:00:00	13:00:00								
BCS	12:56	13:00	13:09	CaPeak.c/s=409		Qual= 1	FePeak=13:00	FePeak.c/s=90	#Peaks=1	dt= 3.8s	XEN=925305
FCS							Exp #=96079	Rast=420"x240"	Step=15"	Cad= 459s	1.024s/pixel
UVSP	12:53			Wavelength=1375A		Code=00		Rast=110"x200"	Step=5"	Pitch=-200"	Yaw=+108"
Radio				Frequency(MHz)/Flux(sfu):		245/440	410/7200	606/4800	1415/170	2695/150	4995/310
							606/4800	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	End times	N19E46	AR5687	Mac. =FKI	Carr. Lon. =326deg	H. Ang=46deg	
GOES	13:10	13:10	13:12	Importance=C8		Qual=00		MaxkeV=521	Flags=M5		
BCS	13:10	13:10	13:12	CaPeak.c/s=18		Qual= 4	FePeak=13:10	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=925306
FCS							Exp #=96080	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel
UVSP	13:07			Wavelength=1375A				Rast=265"x265"	Step=5"	Pitch=-231"	Yaw=+138"
Event # = 23250		D0Y=253		SMM Pointing:		N19E46		Pitch=-240" , Yaw=+131" , Roll=-20deg		H. Ang=46deg	
89/09/10,14:07	Start	14:07	Peak	Ha...Class=SF	End times	N19E46	AR5687	Mac. =FKI	Carr. Lon. =326deg	H. Ang=46deg	
GOES	14:06	14:07	14:22	Importance=C8		Qual=00		MaxkeV=521	Flags=M5		
BCS	14:06	14:07	14:22	CaPeak.c/s=19		Qual= 4	FePeak=14:12	FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=925307
FCS							Exp #=96086	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
UVSP	14:06			Wavelength=1375A				Rast=30"x30"	Step=5"	Pitch=-196"	Yaw=+33"
Event # = 23251		D0Y=253		SMM Pointing:		N18E16		Pitch=-255" , Yaw=+167" , Roll=-20deg		H. Ang=19deg	
89/09/10,14:51	Start	14:51	Peak	Ha...Class=SN	End times	S19W82	AR5669	Mac. =FKI	Carr. Lon. =98deg	H. Ang=85deg	
GOES	14:45	14:51	14:53	Peak...c/s=418		Qual=00		MaxkeV=275	Flags=M5,MD		
BCS	14:45	14:51	14:53	Wavelength=1375A		Qual= 2	FePeak=14:51	Rast=420"x240"	Step=15"	Cad= 459s	1.024s/pixel
FCS							Exp #=96093	Rast=180"x1"	Step=0"	Pitch=-99"	Yaw=+42"
UVSP	14:48										

Event # = 23252		DOY=253		H. Ang=19deg	
89/09/10,15:31	Start	Peak			
Optical			AR5680	Mac.=FKI	Carr. Lon.=356deg
GOES			N18E16	dt= 7.7s	XEN=925309
BCS	15:31	15:35	Qual= 5	#Peaks=1	Cad=1.02s
FCS			FePeak=15:31	Step=0"	Pitch=-97",Yaw=+37"
UVSP	15:23		Exp #=96094	Step=0"	
			Wavelength=2788A		
Event # = 23253		DOY=253		H. Ang=11deg	
89/09/10,18:48	Start	Peak			
Optical			AR5683	Mac.=BX0	Carr. Lon.=6deg
GOES			N17E04	dt= 7.7s	XEN=925310
BCS	18:44	19:11	Qual= 1	#Peaks=1	Cad=1.02s
FCS			FePeak=18:48	Step=0"	Pitch=-157",Yaw=-23"
UVSP	18:42		Exp #=96100	Step=5"	
			Wavelength=1375A		
Event # = 23254		DOY=253		H. Ang=10deg	
89/09/10,20:41	Start	Peak			
Optical			AR5683	Mac.=BX0	Carr. Lon.=7deg
GOES			N17E02	dt= 7.7s	XEN=925311
BCS	20:37	20:47	Qual= 3	#Peaks=1	Cad=1.02s
FCS			FePeak=20:38	Step=0"	Pitch=-151",Yaw=-23"
UVSP	20:37		Exp #=96113	Step=5"	
			Wavelength=1375A		
Event # = 23255		DOY=253		H. Ang=10deg	
89/09/10,22:00	Start	Peak			
Optical			AR5683	Mac.=BX0	Carr. Lon.=7deg
GOES			N17E01	dt= 3.8s	XEN=925312
BCS	21:51	22:09	Qual= 1	#Peaks=1	Cad= 459s
FCS			FePeak=21:57	Step=15"	Pitch=-166",Yaw=-4"
UVSP	21:58		Exp #=96120	Step=5"	
			Wavelength=1375A		
Event # = 12017		DOY=253		H. Ang=13deg	
89/09/10,23:10	Start	Peak			
Optical			AR5683	Pitch=-207",Yaw=+45",Roll=-20deg	H. Ang=13deg
GOES			N18E07	Mac.=BX0	Carr. Lon.=10deg
BCS	23:09:59	23:10:32	Qual=01	MaxkeV=102	
FCS			Tot Cts=287	Rast=265" x240"	
UVSP	23:15		Exp #=96125	Rast=30" x30"	Pitch=-200",Yaw=+57"
			Wavelength=1375A		
Event # = 12018		DOY=253		H. Ang=13deg	
89/09/10,23:22	Start	Peak			
Optical			N18E07	Pitch=-207",Yaw=+45",Roll=-20deg	H. Ang=13deg
GOES			Qual=00	MaxkeV=144	
HXRBS	23:21:11	23:22:17	Qual=01	Rast=30" x30"	Pitch=-143",Yaw=-45"
UVSP	23:18		Exp #=96127	Step=5"	
Radio			Frequency(MHz)/Flux(sfu):		
			410/1000 606/390 1415/42 2695/33 4995/38		

Event # = 12019		SMM Pointing: N18E07		Pitch=-207", Yaw=+45", Roll=-20deg		H. Ang=13deg	
89/09/10, 23:23	DOY=253	Peak					
Start	End times						
GOES	23:22:51	23:23:45	23:25:36	Qual=00	MaxkeV=102	Pitch=-143", Yaw=-45"	
HXRBS	23:18			Qual=01	Rast=30"x30"		
UVSP				Tot Cts=1359	Step=5"		
Radio	Frequency (MHz)/Flux(sfu):			Exp #=96127			
Event # = 12020		SMM Pointing: N18E07		Pitch=-207", Yaw=+45", Roll=-20deg		H. Ang=13deg	
89/09/10, 23:33	DOY=253	Peak					
Start	End times						
GOES	23:27	23:33	23:30:17	Qual=01	MaxkeV=144	#Peaks=2	dt= 7.7s XEN=925313
HXRBS	23:27:36	23:28:27	23:30:17	Qual=01	FePeak.c/s=35	Step=10"	Cad= 332s 1.024s/pixel
BCS	23:13	23:32	23:53	Qual= 4	Rast=180"x180"	Step=5"	Pitch=-142", Yaw=-47"
FCS					Rast=30"x30"		
UVSP	23:30			Code=00	Wavelength=1375A		
Radio	Frequency (MHz)/Flux(sfu):	245/880	410/390	606/240	1415/41	8800/23	
Event # = 12021		SMM Pointing: N18E07		Pitch=-207", Yaw=+45", Roll=-20deg		H. Ang=13deg	
89/09/10, 23:57	DOY=253	Peak					
Start	End times						
GOES	23:57:28	23:57:44	23:57:58	Qual=00	MaxkeV=102	Step=0"	Pitch=-70", Yaw=-32"
HXRBS	00:00			Qual=01	Rast=180"x1"		
UVSP				Tot Cts=173			
				Exp #=96134			
Event # = 23256		SMM Pointing: N17W01		Carr. Lon.=7deg		H. Ang=10deg	
89/09/11, 01:01	DOY=254	Peak					
Start	End times						
Optical				Qual=00	Mac.=CA0		
GOES	01:01	01:01	01:04	Qual= 4	FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=925400
BCS					Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS					Rast=180"x1"	Step=0"	Pitch=-69", Yaw=-37"
UVSP	00:35						
Event # = 23257		SMM Pointing: N17W04		Carr. Lon.=8deg		H. Ang=11deg	
89/09/11, 04:27	DOY=254	Peak					
Start	End times						
Optical				Qual=00	Mac.=CA0		
GOES	04:26	04:27	04:29	Qual= 4	FePeak.c/s=8	#Peaks=1	dt= 7.7s XEN=925401
BCS					Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS					Rast=180"x1"	Step=0"	Pitch=-56", Yaw=-69"
UVSP	04:33						
Event # = 23258		SMM Pointing: N17W04		Carr. Lon.=8deg		H. Ang=11deg	
89/09/11, 10:25	DOY=254	Peak					
Start	End times						
GOES	10:23	10:25	10:29	Qual=01	FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=925402
BCS				Qual= 1	Rast=0"x0"	Step=0"	Cad=1.02s 1.024s/pixel
FCS					Rast=10"x10"	Step=0"	Pitch=-169", Yaw=-19"
UVSP	10:15						

Event # = 12022	DOY=254	Start	End times	SMM Pointing:	N18E01	Pitch=-174", Yaw=-42", Roll=-20deg	H.Ang=11deg
89/09/11,10:37	Peak	10:37:13	10:37:39	Peak...c/s=63	Qual=00		
GOES				Wavelength=1375A	Qual=01		
HXRBS					Tot Cts=561	MaxkeV=144	
UVSP					Exp #=96160	Rast=10"x10"	Pitch=-168", Yaw=-11"
Event # = 12606	DOY=254	Start	End times	SMM Pointing:	N18W00	Pitch=-170", Yaw=-54", Roll=-20deg	H.Ang=11deg
89/09/11,11:38	Peak	11:38:19	11:38:54	Peak...c/s=84	Qual=06		
GOES				Wavelength=1375A	Qual=01		
HXRBS					Tot Cts=638	MaxkeV=188	Flags=I
UVSP					Exp #=96165	Rast=10"x10"	Step=0" Pitch=-105", Yaw=-170"
Event # = 12607	DOY=254	Start	End times	SMM Pointing:	N18W00	Pitch=-170", Yaw=-54", Roll=-20deg	H.Ang=11deg
89/09/11,11:45	Peak	11:44:48	11:49:29	Peak...c/s=107	Qual=06		
GOES				Wavelength=1375A	Qual=01		
HXRBS					Tot Cts=21805	MaxkeV=188	Flags=I
UVSP					Exp #=96165	Rast=10"x10"	Step=0" Pitch=-105", Yaw=-170"
Radio				Frequency(MHz)/Flux(sfu):			
Event # = 12608	DOY=254	Start	End times	SMM Pointing:	N18W01	Pitch=-163", Yaw=-68", Roll=-20deg	H.Ang=11deg
89/09/11,13:49	Peak	13:40:00	13:41:25	Peak...c/s=46	Qual=00		
GOES				CaPeak.c/s=52	Qual=01		
HXRBS					Tot Cts=858	MaxkeV=102	Flags=I
BCS					FePeak=13:48	FePeak.c/s=16	dt= 7.7s XEN=925403
FCS					Exp #=96172	Rast=180"x180"	Cad= 332s 1.024s/pixel
UVSP				Wavelength=2788A		Rast=180"x1"	Step=0" Pitch=-29", Yaw=-144"
Event # = 23259	DOY=254	Start	End times	Ha...Class=SF	N16W08	Mac.=CAO	Carr.Lon.=7deg H.Ang=12deg
89/09/11,13:49	Peak	13:49	13:51	CaPeak.c/s=52	Qual=00		
Optical					Qual= 1		
GOES					FePeak=13:48	FePeak.c/s=16	dt= 7.7s XEN=925403
BCS					Exp #=96172	Rast=180"x180"	Cad= 332s 1.024s/pixel
FCS						Rast=180"x1"	Step=0" Pitch=-29", Yaw=-144"
UVSP				Wavelength=2788A			
Event # = 12023	DOY=254	Start	End times	SMM Pointing:	N19E03	Pitch=-199", Yaw=-24", Roll=-20deg	H.Ang=12deg
89/09/11,14:29	Peak	14:29:10	14:29:35	Peak...c/s=56	Qual=00		
GOES				Wavelength=2788A	Qual=01		
HXRBS					Tot Cts=445	MaxkeV=102	
UVSP					Exp #=96173	Rast=180"x1"	Step=0" Pitch=-65", Yaw=-93"
Radio				Frequency(MHz)/Flux(sfu):			

Event # = 12024		89/09/11,19:43		DOY=254		Peak		SMM Pointing:		N19W00		Pitch=-181",Yaw=-61",Roll=-20deg		H.Ang=12deg	
Optical	Start	End times	19:38	19:43	19:56	Ha...Class=2B	AR5680	AR5680	Mac.=FKI	Carr.Lon.=358deg	H.Ang=12deg				
GOES	19:38:29	19:40:08	19:42:35	19:42:00	19:42:00	Importance=M6	Tot Cts=3.86E+5	MaxkeV=860	Flags=M5,ES						
GRS	19:39:00					Peak...c/s=10760									
BGS	19:40	19:41	19:43			CaPeak.c/s=2785	Qual=2	FePeak=19:41	dt=3.8s						
FCS															
UVSP	19:41					Wavelength=1375A	Code=00	Exp #=96185	Rast=0"x0"	Step=0"					
Radio Sweeps						IV/3									
Radio	Frequency(MHz)/Flux(sfu):					245/14000	410/960	606/1900	1415/510	2695/480	4995/550	8800/540	15400/380		
Event # = 12025		89/09/11,21:10		DOY=254		Peak		SMM Pointing:		N19W00		Pitch=-180",Yaw=-73",Roll=-20deg		H.Ang=12deg	
Optical	Start	End times	20:56	21:10	21:25	Ha...Class=SF	AR5683	AR5683	Mac.=CAO	Carr.Lon.=8deg	H.Ang=16deg				
GOES	20:57:05	20:58:18	21:00:54			Importance=C9	Tot Cts=9125	MaxkeV=102	Flags=EG,ND						
HXRBS	21:00					Peak...c/s=65	Code=00	Exp #=96192	Rast=10"x10"	Step=0"					
UVSP						Wavelength=1375A									
Event # = 12026		89/09/11,22:42		DOY=254		Peak		SMM Pointing:		N19W01		Pitch=-176",Yaw=-87",Roll=-20deg		H.Ang=12deg	
Optical	Start	End times	22:42:41	22:42:52	22:42:57	Peak...c/s=59	Qual=00	Tot Cts=153	MaxkeV=144	Flags=M5					
GOES	22:40					Wavelength=1375A	Qual=01	Exp #=96203	Rast=30"x30"	Step=5"					
HXRBS	22:40					410/1200									
UVSP															
Radio	Frequency(MHz)/Flux(sfu):														
Event # = 12027		89/09/11,22:47		DOY=254		Peak		SMM Pointing:		N19W01		Pitch=-176",Yaw=-87",Roll=-20deg		H.Ang=12deg	
Optical	Start	End times	22:47:19	22:47:24	22:47:49	Peak...c/s=58	Qual=00	Tot Cts=314	MaxkeV=144	Flags=M5					
GOES	22:40					Wavelength=1375A	Qual=01	Exp #=96203	Rast=30"x30"	Step=5"					
HXRBS	22:40					410/250									
UVSP															
Radio	Frequency(MHz)/Flux(sfu):														
Event # = 12028		89/09/11,22:48		DOY=254		Peak		SMM Pointing:		N19W01		Pitch=-176",Yaw=-87",Roll=-20deg		H.Ang=12deg	
Optical	Start	End times	22:48:30	22:48:37	22:48:46	Peak...c/s=45	Qual=00	Tot Cts=87	MaxkeV=102	Flags=M5					
GOES	22:40					Wavelength=1375A	Qual=01	Exp #=96203	Rast=30"x30"	Step=5"					
HXRBS	22:40														
UVSP															
Radio	Frequency(MHz)/Flux(sfu):														
Event # = 12029		89/09/11,23:50		DOY=254		Peak		SMM Pointing:		N19W02		Pitch=-172",Yaw=-98",Roll=-20deg		H.Ang=12deg	
Optical	Start	End times	23:41	23:50	00:18	Ha...Class=IM	S20W76	AR5669	Mac.=FKI	Carr.Lon.=70deg	H.Ang=79deg				
GOES	23:41					Importance=M2	Qual=01	Tot Cts=96698	MaxkeV=275	Flags=M5					
HXRBS	23:41:33	23:45:56	23:55:02			Peak...c/s=1390	Qual=01	Exp #=96206	Rast=180"x1"	Step=0"					
UVSP	23:35					Wavelength=2788A	Code=00								
Radio	Frequency(MHz)/Flux(sfu):					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	SMM Pointing:	N19W02	Pitch=-172", Yaw=-98", Roll=-20deg	H.Ang=12deg
GOES	00:31:18	00:31:43	00:31:57	End times	Qual=00		
HXRBS	00:29				Qual=01		
UVSP					Tot Cts=440	MaxkeV=102	Pitch=-35", Yaw=-175"
Radio Sweeps	Type/Intensity:				Exp #=96207	Rast=180"x1"	
Radio Frequency(MHz)/Flux(sfu):	245/200						
Event # = 12031	89/09/12, 03:38	DOY=255	Peak	SMM Pointing:	N19W04	Pitch=-164", Yaw=-125", Roll=-20deg	H.Ang=12deg
GOES	03:38:02	03:38:15	03:38:45	End times	Qual=00		
HXRBS	03:34				Qual=01		
UVSP					Tot Cts=336	MaxkeV=102	Pitch=-26", Yaw=-200"
Radio Sweeps	Type/Intensity:				Exp #=96211	Rast=180"x1"	
Radio Frequency(MHz)/Flux(sfu):	245/200						
Event # = 12032	89/09/12, 04:36	DOY=255	Peak	SMM Pointing:	N19W05	Pitch=-158", Yaw=-135", Roll=-20deg	H.Ang=13deg
GOES	04:35:49	04:36:29	04:37:23	End times	Qual=01		
HXRBS	04:11				Qual=01		
UVSP					Tot Cts=524	MaxkeV=102	Pitch=-25", Yaw=-205"
Radio Sweeps	Type/Intensity:				Exp #=96212	Rast=180"x1"	
Radio Frequency(MHz)/Flux(sfu):	1415/56	2695/180	4995/89	8800/96	15400/30		
Event # = 12033	89/09/12, 04:46	DOY=255	Peak	SMM Pointing:	N19W05	Pitch=-158", Yaw=-135", Roll=-20deg	H.Ang=13deg
GOES	04:45:11	04:46:12	04:48:07	End times	Qual=01		
HXRBS	05:05				Qual=01		
UVSP					Tot Cts=1080	MaxkeV=102	Pitch=-22", Yaw=-212"
Radio Sweeps	Type/Intensity:				Exp #=96213	Rast=180"x1"	
Radio Frequency(MHz)/Flux(sfu):	1415/56	2695/180	4995/89	8800/96	15400/30		
Event # = 12034	89/09/12, 05:19	DOY=255	Peak	SMM Pointing:	N19W05	Pitch=-158", Yaw=-135", Roll=-20deg	H.Ang=13deg
Optical	04:56	05:19	05:57	End times	Qual=01		
GOES	04:54:46	04:59:17	08:14:28	End times	Qual=03		
HXRBS	05:05				Qual=13		
UVSP					Tot Cts=1.03E+6	MaxkeV=321	Pitch=-22", Yaw=-212"
Radio Sweeps	Type/Intensity:				Exp #=96213	Rast=180"x1"	
Radio Frequency(MHz)/Flux(sfu):	1415/56	2695/180	4995/89	8800/96	15400/30		
Event # = 23260	89/09/12, 10:12	DOY=255	Peak	SMM Pointing:	N17E13	Pitch=-101", Yaw=-307", Roll=-20deg	H.Ang=20deg
Optical	10:05	10:12	10:47	End times	Qual=05		
GOES	10:26	10:27	10:38	End times	Qual=5		
BCS					Tot Cts=182	MaxkeV=102	Pitch=-31", Yaw=-303"
FCS					Exp #=96305	Rast=30"x30"	
UVSP							
Event # = 12035	89/09/13, 02:10	DOY=256	Peak	SMM Pointing:	N19W16	Pitch=-101", Yaw=-307", Roll=-20deg	H.Ang=20deg
GOES	02:10:50	02:10:54	02:11:31	End times	Qual=00		
HXRBS	02:05				Qual=01		
UVSP					Tot Cts=182	MaxkeV=102	Pitch=-31", Yaw=-303"
Radio Sweeps	Type/Intensity:				Exp #=96305	Rast=30"x30"	
Radio Frequency(MHz)/Flux(sfu):	1415/56	2695/180	4995/89	8800/96	15400/30		

Event # = 12036		DOY=256		SMM Pointing:		S21W21		Pitch=+395", Yaw=-381", Roll=8deg		H. Ang=35deg	
89/09/13 03:40		Peak		Ha...Class=2N		N16E06		Carr. Lon.=333deg		H. Ang=11deg	
Optical				Ha...Class=IN		N21E12		Carr. Lon.=327deg		H. Ang=18deg	
GOES 03:30		03:40		Importance=M4		Qual=03		Mac.=CSO			
HXRBS 03:30:19		03:34:24		Peak...c/s=903		Qual=01		Flags=M5			
UVSP 03:39				Wave length=1375A		Code=00		Step=0"		Pitch=+372", Yaw=-398"	
Radio		Frequency(MHz)/Flux(sfu):		245/3500 1415/180 2695/450 4995/270 8800/150 15400/91							
Event # = 12037		DOY=256		SMM Pointing:		S21W23		Pitch=+534", Yaw=-174", Roll=-20deg		H. Ang=36deg	
89/09/13 06:50		Peak		Peak...c/s=38		Qual=06					
GOES 06:50:29		06:50:43		Wave length=2788A		Qual=01		MaxkeV=102			
HXRBS 07:08								Rast=180"x1"		Step=0" Pitch=+670", Yaw=+5"	
UVSP 07:08											
Event # = 12038		DOY=256		SMM Pointing:		S21W24		Pitch=+537", Yaw=-186", Roll=-20deg		H. Ang=36deg	
89/09/13 08:37		Peak		Ha...Class=SF		N26W42		Mac.=EAO			
Optical				Importance=M1		Qual=03		Carr. Lon.=18deg		H. Ang=44deg	
GOES 08:28		08:37		Peak...c/s=98		Qual=01		MaxkeV=102			
HXRBS 08:28:18		08:29:38		Wave length=2788A		Code=02		Rast=180"x1"		Step=0" Pitch=+673", Yaw=-7"	
UVSP 08:41											
Event # = 12040		DOY=256		SMM Pointing:		S21W26		Pitch=+547", Yaw=-220", Roll=-20deg		H. Ang=38deg	
89/09/13 12:31		Peak		Peak...c/s=90		Qual=01					
GOES 12:30:40		12:31:07		Wave length=2788A		Qual=01		MaxkeV=102			
HXRBS 12:22								Rast=180"x1"		Step=0" Pitch=+681", Yaw=-34"	
UVSP 12:22				Associated		Event # = 12039		MaxkeV=144		Flags=SN	
HXRBS 12:28:47		12:29:34		Peak...c/s=51		Qual=02					
Event # = 12041		DOY=256		SMM Pointing:		S21W26		Pitch=+547", Yaw=-220", Roll=-20deg		H. Ang=38deg	
89/09/13 13:05		Peak		Peak...c/s=39		Qual=00					
GOES 13:05:13		13:05:33		Wave length=2788A		Qual=01		MaxkeV=102			
HXRBS 13:16								Rast=180"x1"		Step=0" Pitch=+683", Yaw=-41"	
UVSP 13:16											
Event # = 12042		DOY=257		SMM Pointing:		S21W36		Pitch=+583", Yaw=-348", Roll=-20deg		H. Ang=45deg	
89/09/14 07:07		Peak		Ha...Class=1N		N15W39		Mac.=DKI			
Optical				Importance=M2		Qual=01		Carr. Lon.=2deg		H. Ang=39deg	
GOES 06:58		07:07		Peak...c/s=583		Qual=13		MaxkeV=420			
HXRBS 06:58:31		06:59:56		Wave length=2788A		Code=01		Rast=180"x1"		Step=0" Pitch=+717", Yaw=-162"	
UVSP 06:45				III/2							
Radio		Type/Intensity:		245/92 1415/50 2695/62 4995/350 8800/980 15400/980							
Radio		Frequency(MHz)/Flux(sfu):									

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
 Start Peak
 Optical
 GOES 20:53 20:58 21:12 End times
 BCS 21:07 21:07 21:10
 FCS
 UVSP 21:11
 Ha...Class=SF N15W34 AR5686
 Importance=C4 Qual=05
 CaPeak.c/s=19 Qual= 5 FePeak=21:07
 Wavelength=1375A Exp #=96511
 Carr. Lon.=337deg H. Ang=34deg
 #Peaks=1 dt= 7.7s XEN=925800
 Step=15" Cad= 262s 1.024s/pixel
 Step=5" Pitch=+68" ,Yaw=-783"
 Mac.=DAO
 FePeak.c/s=6
 Rast=240"x240"
 Rast=265"x265"

Event # = 12072
 89/09/15, 23:34 DOY=258
 Start Peak
 Optical
 GOES 22:37 23:34 00:55 End times
 HXRBS 22:45:17 22:49:19 22:51:26
 BCS 22:40 23:19 23:26
 FCS
 UVSP 23:20
 Radio Sweeps
 SMM Pointing: N17W58 H. Ang=57deg
 Ha...Class=1F N20W22 AR5687
 Importance=M2 Qual=02
 Peak...c/s=44 Qual=01 Tot Cts=1732
 CaPeak.c/s=81 Qual= 2 FePeak=23:15
 Wavelength=1375A Code=01 Exp #=96528
 II/1 IV/1 V/2
 Type/Intensity:
 #Peaks=2 dt= 7.7s XEN=925801
 Step=15" Cad= 262s 1.024s/pixel
 Step=5" Pitch=+81" ,Yaw=-885"
 Mac.=DAI
 MaxkeV=144
 FePeak.c/s=11
 Rast=240"x240"
 Rast=30"x30"

89/09/16 DOY=259
 Start Peak
 Optical
 GOES 00:54:09 00:55:03 00:55:28 End times
 BCS 00:11 00:57 01:04
 FCS
 UVSP 00:53
 SMM Pointing: N17W59 H. Ang=59deg
 Ha...Class=SF N18W32 AR5686
 Qual=00
 Peak...c/s=65 Qual=01 Tot Cts=1318
 CaPeak.c/s=60 Qual= 1 FePeak=00:56
 Wavelength=1375A Exp #=96537
 Carr. Lon.=332deg H. Ang=33deg
 Mac.=DAI
 MaxkeV=102
 FePeak.c/s=11
 Rast=240"x240"
 Rast=30"x30"

Event # = 23262
 89/09/16, 01:48 DOY=259
 Start Peak
 Optical
 GOES 01:47 01:48 01:58 End times
 BCS 01:47 01:48 01:58
 FCS
 UVSP 01:47
 Ha...Class=SF N30W49 AR5637
 Qual=00
 CaPeak.c/s=29 Qual= 1 FePeak=01:48
 Wavelength=1375A Exp #=96538
 Carr. Lon.=349deg H. Ang=51deg
 Mac.=DAO
 FePeak.c/s=7
 Rast=240"x240"
 Rast=265"x265"

Event # = 23263
 89/09/16, 02:20 DOY=259
 Start Peak
 Optical
 GOES 02:20 02:20 02:22 End times
 BCS 02:20 02:20 02:22
 FCS
 UVSP 02:18
 Ha...Class=SF N29W52 AR5697
 Qual=00
 CaPeak.c/s=18 Qual= 4 FePeak=02:20
 Wavelength=1375A Exp #=96544
 Carr. Lon.=352deg H. Ang=53deg
 Mac.=DAO
 FePeak.c/s=6
 Rast=240"x240"
 Rast=10"x10"

Event # = 23264		DOY=259		End times		Mac.=DAI		Carr. Lon.=334deg		H. Ang=37deg	
89/09/16,07:54		Peak				AR5686					
Optical		N17W37		N17W63		N17W63					
GOES 07:50		Qual=04		Qual=03		Qual=01					
BCS 07:51		CaPeak.c/s=30		Peak...c/s=57		Peak...c/s=42					
FCS		Wave length=2788A		Wave length=2788A		Wave length=2788A					
UVSP 07:43		Code=00		Exp #=96553		Exp #=96554					
FePeak.c/s=10		#Peaks=1		dt= 7.7s		XEN=925903					
Rast=240"x240"		Step=15"		Cad= 262s		1.024s/pixel					
Rast=180"x1"		Pitch=0"		Pitch=+201"		Yaw=-658"					
Pitch=+66"		Yaw=-840"		Roll=-20deg		H. Ang=62deg					
MaxkeV=102		Rast=180"x1"		Step=0"		Pitch=+201"		Yaw=-661"			
Pitch=+67"		Yaw=-850"		Roll=-20deg		H. Ang=63deg					
MaxkeV=144		Rast=180"x1"		Step=0"		Pitch=+202"		Yaw=-667"			
Pitch=+67"		Yaw=-850"		Roll=-20deg		H. Ang=63deg					
MaxkeV=144		Rast=180"x1"		Step=0"		Pitch=+202"		Yaw=-673"			
Pitch=+69"		Yaw=-861"		Roll=-20deg		H. Ang=65deg					
MaxkeV=102		Rast=180"x1"		Step=0"		Pitch=+203"		Yaw=-679"			
Pitch=+69"		Yaw=-861"		Roll=-20deg		H. Ang=65deg					
MaxkeV=102		Rast=180"x1"		Step=0"		Pitch=+203"		Yaw=-679"			
Pitch=+69"		Yaw=-861"		Roll=-20deg		H. Ang=20deg					
MaxkeV=102		Rast=180"x1"		Step=0"		Pitch=-193"		Yaw=+185"			

Event # = 12613				
89/09/16, 15:33	DOY=259	End times	SMM Pointing:	N26E06
Start	Peak		Ha...Class=Sf	N17W35
Optical				Qual=00
GOES			Peak...c/s=61	Qual=01
HXRBS	15:33:17 15:33:36	15:33:56	Wavelength=2788A	
UVSP	15:22			
Event # = 12054				
89/09/16, 18:52	DOY=259	End times	SMM Pointing:	N26E05
Start	Peak		Ha...Class=Sf	N17W38
Optical			Importance=C3	Qual=01
GOES	18:49 18:52	18:54	Peak...c/s=310	Qual=01
HXRBS	18:50:23 18:50:38	18:51:18	Wavelength=1375A	Code=02
UVSP	18:52			
Event # = 12056				
89/09/16, 21:51	DOY=259	End times	SMM Pointing:	N26E03
Start	Peak			
GOES			Qual=00	
HXRBS	21:51:24 21:51:45	21:52:26	Peak...c/s=50	Qual=01
UVSP	21:45		Wavelength=1375A	
89/09/17 DOY=260				
Event # = 12055				
89/09/17, 01:42	DOY=260	End times	SMM Pointing:	N26E01
Start	Peak			
GOES	01:08 01:42	02:15	Importance=C4	Qual=02
HXRBS	01:10:24 01:11:05	01:12:00	Peak...c/s=48	Qual=01
UVSP	01:28		Wavelength=1375A	Code=01
Event # = 8559				
89/09/17, 14:10	DOY=260	End times	SMM Pointing:	N26W05
Start	Peak			
HXRBS	14:10:18 14:10:20	14:10:33	Peak...c/s=29	Qual=01
UVSP	14:19		Wavelength=2788A	
89/09/18 DOY=261				
Event # = 12057				
89/09/18, 00:12	DOY=261	End times	SMM Pointing:	N26W11
Start	Peak			
GOES			Qual=01	
HXRBS	00:11:35 00:12:02	00:12:11	Peak...c/s=90	Qual=01
UVSP	00:09		Wavelength=1375A	
Radio	Frequency(MHz)/Flux(sfu):		410/93	
Event # = 12614				
89/09/18, 02:49	DOY=261	End times	SMM Pointing:	N26W13
Start	Peak			
GOES			Qual=00	
HXRBS	02:49:37 02:49:47	02:50:02	Peak...c/s=66	Qual=01
UVSP	02:46		Wavelength=1375A	

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Event # = 12058
89/09/18,04:33     Start   DOY=261     Peak
Optical
GOES 03:39 04:33 04:44 04:44
HXRBS 04:15:55 04:16:09 04:18:29
BCS 04:33 04:33 04:45
FCS
UVSP 04:06
-----
HXRBS 04:31:01 04:31:33 04:32:58      SMM Pointing:
                                   N26W13
                                   Ha...Class=1N
                                   Importance=M1
                                   Peak...c/s=50
                                   CaPeak.c/s=19
                                   Wavelength=2788A
                                   Code=01
                                   Exp #=96697
                                   Associated
                                   Event # = 12059
                                   Qual=01
                                   Tot Cts=774
                                   MaxkeV=144
                                   Pitch=-224",Yaw=-295",Roll=-20deg
                                   H.Ang=23deg
                                   Mac.=EKI
                                   Carr.Lon.=219deg
                                   H.Ang=61deg
                                   MaxkeV=102
                                   FePeak.c/s=6
                                   #Peaks=1
                                   dt= 7.7s
                                   XEN=926100
                                   Rast=240"x240"
                                   Cad= 262s
                                   1.024s/pixel
                                   Step=0"
                                   Pitch=0"
                                   Yaw=-108"
-----
Event # = 12615
89/09/18,11:53     Start   DOY=261     Peak
SMM Pointing:
N26W17
GOES 11:53:10 11:53:14 11:53:31
HXRBS
UVSP 11:45
Peak...c/s=46
Wavelength=2788A
Qual=00
Qual=01
Tot Cts=156
Exp #=96707
MaxkeV=102
Rast=180"x1"
Flags=I
Step=0"
Pitch=-72",Yaw=-165"

Event # = 12060
89/09/18,13:32     Start   DOY=261     Peak
SMM Pointing:
N26W18
GOES 13:32:06 13:32:37 13:33:13
HXRBS
UVSP 13:16
Peak...c/s=44
Wavelength=2788A
Qual=01
Qual=01
Tot Cts=280
Exp #=96709
MaxkeV=102
Rast=180"x1"
Step=0"
Pitch=-69",Yaw=-175"

Event # = 12066
89/09/18,23:00     Start   DOY=261     Peak
SMM Pointing:
N26W23
GOES 23:00:13 23:00:32 23:00:46
HXRBS
UVSP 22:54
Peak...c/s=36
Wavelength=1375A
Qual=00
Qual=01
Tot Cts=127
Exp #=96747
MaxkeV=102
Rast=30"x30"
Step=5"
Pitch=-258",Yaw=-379"

Event # = 23265
89/09/19,01:40     Start   DOY=262     Peak
Optical
GOES 01:39 01:40 01:48
BCS
FCS
UVSP 01:44
Ha...Class=SF
CaPeak.c/s=46
Wavelength=1375A
Qual=00
Qual= 5
FePeak=01:40
Exp #=96761
Mac.=EAO
Carr.Lon.=283deg
H.Ang=29deg
FePeak.c/s=8
dt= 3.8s
XEN=926200
Rast=180"x180"
Cad= 332s
1.024s/pixel
Step=10"
Pitch=0"
Step=5"
Pitch=-168",Yaw=-437"

Event # = 12061
89/09/19,01:58     Start   DOY=262     Peak
SMM Pointing:
N26W25
GOES 01:58:01 01:58:13 01:58:50
HXRBS
UVSP 01:46
Peak...c/s=48
Wavelength=1375A
Qual=01
Qual=01
Tot Cts=336
Exp #=96762
MaxkeV=102
Rast=70"x70"
Step=5"
Pitch=-211",Yaw=-394"
Type/Intensity:
III/I
Radio Frequency(MHz)/Flux(stu):
410/78 606/82
Pitch=-176",Yaw=-449",Roll=-20deg
H.Ang=30deg

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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			III/1							
Radio Sweeps	Type/Intensity:										
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=-34", Yaw=-291"	
HXRBS	07:50:56	07:51:03	07:51:33	Wave length=2788A	Code=02	Exp #=96776					
UVSP	07:39			III/1							
Radio Sweeps	Type/Intensity:										
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=-34", Yaw=-291"	
HXRBS	08:15:06	08:15:31	08:16:07	Wave length=2788A	Code=02	Exp #=96777					
UVSP	08:33			III/1							
Radio Sweeps	Type/Intensity:										
Radio	Frequency(MHz)/Flux(sfu):		Associated Event # = 12064								
HXRBS	08:13:50	08:14:05	08:14:38	Peak...c/s=47	Qual=01	Tot Cts=191					
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=-34", Yaw=-291"	
HXRBS	09:39:58	09:40:20	09:41:19	Wave length=2788A	Code=02	Exp #=96779					
UVSP	10:06			V/3							
Radio Sweeps	Type/Intensity:										
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=-34", Yaw=-291"	
HXRBS	09:52:34	09:54:17	10:05:38	Wave length=2788A	Code=02	Exp #=96779					
UVSP	10:06			8800/71 15400/73							
Radio Sweeps	Type/Intensity:										
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										
FCS	10:55										
UVSP	10:43										
										dt= 7.7s XEN=926201	
										Cad= 262s 1.024s/pixel	
										Step=15" Step=0" Pitch=-23", Yaw=-326"	

Event # = 23270
 89/09/19,22:07 D0Y=262 Peak
 Start End times
 GOES 22:07 22:10 CaPeak.c/s=42 Wave length=1375A Qual=00 FePeak=22:07
 BCS 22:07 22:10 dt= 3.8s XEN=926207
 FCS Rast=180"x180" Cad= 332s 1.024s/pixel
 UVSP 22:02 Rast=30"x30" Pitch=+371", Yaw=+526" Step=5"

Event # = 12073 89/09/20 D0Y=263
 89/09/20,02:37 D0Y=263 Peak
 Start End times
 Optical SMM Pointing: S26E29 Pitch=+335", Yaw=+565", Roll=-20deg H.Ang=43deg
 GOES 02:33 02:39 Ha...Class=SN S29E21 Mac.=EKI Carr.Lon.=226deg H.Ang=41deg
 HXRBS 02:34:54 02:35:13 Importance=C2 Qual=01 MaxkeV=188 Flags=FS
 BCS 02:38 02:39 Peak...c/s=333 CaPeak.c/s=27 Qual=01 Tot Cts=1922 #Peaks=1
 FCS dt= 3.8s XEN=926300
 UVSP 02:16 Wave length=1375A Code=00 FePeak=02:38 Rast=180"x180" Cad= 332s 1.024s/pixel
 Exp #=96815 Exp #=96837 Rast=70"x70" Pitch=+307", Yaw=+539" Step=5"

Event # = 12075 89/09/20,03:04 D0Y=263
 89/09/20,03:04 D0Y=263 Peak
 Start End times
 Optical SMM Pointing: S26E28 Pitch=+340", Yaw=+555", Roll=-20deg H.Ang=43deg
 GOES 02:59 03:04 Ha...Class=SF S28E24 Mac.=EKI Carr.Lon.=222deg H.Ang=42deg
 HXRBS 02:59:54 03:00:33 Importance=C4 Qual=02 MaxkeV=188 #Peaks=1
 BCS 03:01 03:02 Peak...c/s=117 CaPeak.c/s=68 Qual=2 Tot Cts=3869 dt= 7.7s XEN=926301
 FCS dt= 3.8s XEN=926301
 UVSP Frequency(MHz)/Flux(sfu): 606/140 1415/50 2695/110 4995/150 8800/170 15400/110
 Rast=180"x180" Cad= 332s 1.024s/pixel
 HXRBS 02:57:43 02:58:17 02:59:01 Exp #=96838 Rast=265"x265" Pitch=+350", Yaw=+562" Step=5"
 UVSP 02:16 Peak...c/s=164 Associated Event # = 12074
 MaxkeV=144
 Rast=70"x70" Pitch=+307", Yaw=+539" Step=5"

Event # = 12076 89/09/20,05:51 D0Y=263
 89/09/20,05:51 D0Y=263 Peak
 Start End times
 GOES 05:43 05:51 SMM Pointing: S26E27 Pitch=+344", Yaw=+545", Roll=-20deg H.Ang=42deg
 HXRBS 05:44:28 05:46:04 05:46:57 Importance=C4 Qual=01 MaxkeV=102
 UVSP 05:46 Peak...c/s=42 Wave length=1375A Code=00 Tot Cts=754 Rast=10"x10" Pitch=+343", Yaw=+516" Step=0"

Event # = 12077 89/09/20,07:19 D0Y=263
 89/09/20,07:19 D0Y=263 Peak
 Start End times
 GOES 07:10 07:19 SMM Pointing: S26E26 Pitch=+349", Yaw=+535", Roll=-20deg H.Ang=42deg
 HXRBS 07:10:39 07:10:52 07:12:09 Importance=C5 Qual=03 MaxkeV=102
 UVSP 07:32 Peak...c/s=54 Wave length=2788A Qual=01 Rast=180"x1" Pitch=+233", Yaw=+454" Step=0"
 HXRBS 07:13:59 07:14:24 07:15:37 Associated Event # = 12078
 Tot Cts=252 MaxkeV=102

Event # = 12616 89/09/20,09:58 D0Y=263
 89/09/20,09:58 D0Y=263 Peak
 Start End times
 GOES 09:58:31 09:58:38 09:58:43 SMM Pointing: S26E25 Pitch=+357", Yaw=+514", Roll=-20deg H.Ang=41deg
 HXRBS 09:58:31 09:58:38 09:58:43 Peak...c/s=41 Qual=01 MaxkeV=144
 UVSP 09:40 Wave length=2788A Qual=01 Tot Cts=113 Rast=180"x1" Pitch=+239", Yaw=+439" Step=0"

Event # = 12079			SMM Pointing: S26E19			Pitch=+386", Yaw=+446", Roll=-20deg			H. Ang=38deg			
89/09/20,19:02	DOY=263	Peak	End times									
GOES	18:59:31	18:59:39	18:59:57	19:04	Qual=00			MaxkeV=102				
HXRBS	19:00	19:02	19:04		Qual=01			FePeak.c/s=10 #Peaks=1 dt= 3.8s XEN=926302				
BCS	19:00	19:02	19:04		Qual=1			Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel				
FCS	19:02							Rast=265"x265" Step=5" Pitch=+393", Yaw=+458"				
UVSP	19:02				Wavelength=1375A			Exp #=96880				
Event # = 23271			SMM Pointing: S26E18			Pitch=+396", Yaw=+424", Roll=-20deg			H. Ang=37deg			
89/09/20,22:03	DOY=263	Peak	End times									
GOES	21:57	22:03	22:07		Qual=05			FePeak.c/s=8 #Peaks=1 dt= 3.8s XEN=926303				
BCS	22:04	22:04	22:07		Qual=5			Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel				
FCS	22:04							Rast=243"x243" Step=3" Pitch=+402", Yaw=+437"				
UVSP	22:07				Code=02			Exp #=96898				
Event # = 12080			SMM Pointing: S26E18			Pitch=+396", Yaw=+424", Roll=-20deg			H. Ang=37deg			
89/09/21,00:15	DOY=264	Peak	End times									
Optical	00:10	00:15	00:23		Ha...Class=SF			Mac.=EKC Carr.Lon.=222deg				
GOES	00:11	00:15	00:23		Importance=C2			H. Ang=36deg				
HXRBS	00:11	00:15	00:23		Qual=01							
UVSP	00:11	00:15	00:23		Peak...c/s=54			MaxkeV=102				
Radio	00:11	00:15	00:23		Wavelength=1375A			Rast=30"x30" Step=5" Pitch=+376", Yaw=+354"				
Event # = 12081			SMM Pointing: S26E18			Pitch=+396", Yaw=+424", Roll=-20deg			H. Ang=37deg			
89/09/21,01:32	DOY=264	Peak	End times									
Optical	01:27	01:32	01:37		Ha...Class=SF			Mac.=EKC Carr.Lon.=221deg				
GOES	01:27	01:32	01:37		Importance=C4			H. Ang=37deg				
HXRBS	01:27	01:32	01:37		Qual=01							
UVSP	01:27	01:32	01:37		Peak...c/s=153			MaxkeV=188				
Radio	01:27	01:32	01:37		Wavelength=1375A			Rast=30"x30" Step=5" Pitch=+434", Yaw=+356"				
Radio	01:25	01:25	01:29	01:29:47	III/3			Tot Cts=4310				
Radio Sweeps	Type/Intensity:			Exp #=96913								
Radio Frequency (MHz)/Flux(sfu):	245/680 410/9300 606/630 2695/51 4995/71 8800/89 15400/58											
Event # = 23272			SMM Pointing: S27E13			Pitch=+409", Yaw=+389", Roll=-20deg			H. Ang=36deg			
89/09/21,02:40	DOY=264	Peak	End times									
Optical	02:40	02:40	02:42		Ha...Class=SF			Mac.=EKC Carr.Lon.=220deg				
GOES	02:40	02:40	02:42		Qual=01			FePeak.c/s=6 #Peaks=1 dt= 7.7s XEN=926400				
BCS	02:40	02:40	02:42		Qual=4			Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel				
FCS	02:40	02:40	02:42		CaPeak.c/s=21			Rast=265"x265" Step=5" Pitch=+416", Yaw=+404"				
UVSP	02:42				Wavelength=1375A			Exp #=96918				
Event # = 12082			SMM Pointing: S26E15			Pitch=+409", Yaw=+389", Roll=-20deg			H. Ang=36deg			
89/09/21,03:07	DOY=264	Peak	End times									
Optical	02:57	03:07	03:21		Ha...Class=IN			Mac.=EKC Carr.Lon.=222deg				
GOES	02:57	03:07	03:21		Importance=M3			H. Ang=36deg				
HXRBS	02:57	03:07	03:21		Qual=01							
BCS	03:00	03:01	03:23		Peak...c/s=4577			Flags=M5 dt= 3.8s XEN=926401				
FCS	03:00	03:03	03:23		CaPeak.c/s=1931			Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel				
UVSP	02:58	03:03	03:23		Peak3...c/s=5			Rast=10"x10" Step=0" Pitch=+449", Yaw=+345"				
Radio	02:58	03:03	03:23		Wavelength=1375A			Exp #=96922				
Radio Frequency (MHz)/Flux(sfu):	245/90 410/420 606/72 2695/120 4995/190 8800/240 15400/360											

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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=0" Pitch=+469" ,Yaw=+333"

Event # = 23274
89/09/21,13:05 DOY=264
Optical Start End times Carr. Lon. =222deg H. Ang=35deg
GOES 12:58 13:05 13:16 13:16 13:23 AR5698 Mac.=EKC
BCS 13:21 13:21 13:23 13:23 13:23 FePeak=13:21 #Peaks=1 dt= 7.7s XEN=926403
FCS                                     CaPeak.c/s=19 Qual= 5 FePeak=13:21 Step=15" Cad= 262s XEN=926403
UVSP 13:13 WaveLength=2788A Code=02 Exp #=96939 Rast=180"x1" Pitch=+318" ,Yaw=+244"

Event # = 23275
89/09/21,14:50 DOY=264
Optical Start End times
GOES 14:45 14:50 14:55 14:55 15:06 FePeak=14:55 #Peaks=1 dt= 3.8s XEN=926404
BCS 14:53 14:55 15:06 15:06 15:06 CaPeak.c/s=40 Qual= 5 FePeak=14:55 Step=0" Cad=3840s XEN=926404
UVSP 14:44 WaveLength=2788A Code=00 Exp #=96941 Rast=180"x1" Pitch=+334" ,Yaw=-70"

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 19:58 19:58 Ha...Class=1F S27E03 Mac.=EKC Carr. Lon. =221deg H. Ang=34deg
HXRBS 19:26:41 19:36:58 19:43:14 19:43:14 19:43:14 Importance=M2 Qual=03 Maxkey=232
BCS 19:29 19:38 20:02 20:02 20:02 CaPeak.c/s=1056 Qual= 1 Tot Cts=49157 FePeak.c/s=257 #Peaks=1 dt= 7.7s XEN=926405
FCS                                     WaveLength=1375A Code=00 Exp #=96950 Rast=180"x180" Cad= 332s XEN=926405
UVSP 19:34 Type/Intensity: V/3 WaveLength=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 19:58:45 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 02:18:49 02:18:49 Ha...Class=SF S25W00 Mac.=EKC Carr. Lon. =220deg H. Ang=32deg
HXRBS 01:41 Peak...c/s=34 Qual=01 Tot Cts=173 MaxkeV=102 Rast=70"x70" Step=5" Pitch=+505" ,Yaw=+175"
UVSP 01:41 WaveLength=1375A Exp #=96962

Event # = 23276
89/09/22,03:13 DOY=265
GOES Start End times
BCS 03:13 03:13 03:16 03:16 03:16 CaPeak.c/s=21 Qual= 4 FePeak=03:13 #Peaks=1 dt= 7.7s XEN=926500
FCS                                     WaveLength=1375A Exp #=96963 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	SMM Pointing:	S26E15	Pitch=+396",Yaw=+424",Roll=-20deg	H.Ang=37deg
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	Carr.Lon.=222deg	H.Ang=36deg
GOES	00:10	00:15	Importance=C2	Mac.=EKC	
HXRBS	00:11:44	00:11:58	Qual=01		
UVSP	00:15		Qual=03		
			Qual=01		
Radio Sweeps		Type/Intensity:	Tot Cts=535	Step=5"	Pitch=+376",Yaw=+354"
Frequency(MHz)/Flux(sfu):		245/680 410/9300 606/630 2695/51 4995/71 8800/89 15400/58	Exp #=96908		
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	Carr.Lon.=221deg	H.Ang=37deg
GOES	01:27	01:32	Importance=C4	Mac.=EKC	
HXRBS	01:27:33	01:27:52	Qual=01		
UVSP	01:25		Qual=00		
			Code=00		
Radio Sweeps		Type/Intensity:	Tot Cts=4310	Step=5"	Pitch=+434",Yaw=+356"
Frequency(MHz)/Flux(sfu):		245/680 410/9300 606/630 2695/51 4995/71 8800/89 15400/58	Exp #=96913		
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	Carr.Lon.=220deg	H.Ang=36deg
GOES	02:40	02:40	Importance=M3	Mac.=EKC	
BCS	02:40	02:40	Qual=01		
FCS			Qual=4		
UVSP	02:42		Qual=01		
			Code=00		
Radio Sweeps		Type/Intensity:	FePeak=02:40	dt= 7.7s	XEN=926400
Frequency(MHz)/Flux(sfu):		245/680 410/9300 606/630 2695/51 4995/71 8800/89 15400/58	Exp #=96918	Cad= 262s	1.024s/pixel
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	Carr.Lon.=222deg	H.Ang=36deg
GOES	02:57	03:07	Importance=M3	Mac.=EKC	
HXRBS	02:57:40	03:01	Qual=01		
BCS	03:00	03:01	Qual=1		
FCS	03:03	03:03	Qual=5		
UVSP	02:58		Code=00		
Radio		Type/Intensity:	Tot Cts=3.45E+5	Flags=M5	XEN=926401
Frequency(MHz)/Flux(sfu):		245/90 410/420 606/72 2695/120 4995/190 8800/240 15400/360	Exp #=96922	dt= 3.8s	XEN=926401
			FePeak=03:04	dt= 3.8s	XEN=926401
			FePeak.c/s=1931	Cad= 332s	1.024s/pixel
			Peak3..c/s=5	Pitch=+449",Yaw=+345"	
			WaveLength=1375A		

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BCS 03:23 03:23 03:33 CaPeak.c/s=92 Associated Event # = 23273 FePeak.c/s=12 dt= 7.7s XEN=926402
FCS Wavelength=1375A Qual= 5 FePeak=03:23 Step=10" Cad= 332s 1.024s/pixel
UVSP 03:13 Exp #=96924 Step=0" Pitch=+469",Yaw=+333"
-----
Event # = 23274
89/09/21,13:05 DOY=264
Optical Start Peak End times
GOES 12:58 13:05 13:16 Ha...Class=SM S27E06 AR5698 Mac.=EKC Carr. Lon.=222deg H. Ang=35deg
FCS 13:21 13:21 13:23 Importance=M2 Qual=05 FePeak=13:21 #Peaks=1 dt= 7.7s XEN=926403
UVSP 13:13 Wave length=2788A Code=02 Exp #=96939 CaPeak.c/s=19 Qual= 5 FePeak=13:21 Step=15" Cad= 262s 1.024s/pixel
-----
Event # = 23275
89/09/21,14:50 DOY=264
GOES 14:45 14:50 14:55 Importance=C2 Qual=05 FePeak=14:55 #Peaks=1 dt= 3.8s XEN=926404
FCS 14:53 14:55 15:06 CaPeak.c/s=40 Qual= 5 FePeak=14:55 Step=0" Cad=3840s 3840s/pixel
UVSP 14:44 Wave length=2788A Code=00 Exp #=96941 Rast=180"x1" Pitch=+334",Yaw=-70"
-----
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 Maxkey=232 FePeak.c/s=257 #Peaks=1 dt= 7.7s XEN=926405
BCS 19:29 19:38 20:02 CaPeak.c/s=1056 Qual= 1 Tot Cts=49157 FePeak=19:37 Step=10" Cad= 332s 1.024s/pixel
FCS Type/Intensity: V/3 Wave length=1375A Code=00 Exp #=96950 Step=1" Pitch=+518",Yaw=+216"
UVSP Radio Sweeps Frequency(MHz)/Flux(sfu): 245/880 410/170 606/180 1415/81 2695/80 4995/170 8800/190 15400/140 Maxkey=102 Rast=20"x30"
Radio 19:34 Type/Intensity: V/3 Wave length=1375A Code=00 Exp #=96952 Step=5" Pitch=+514",Yaw=+234"
HXRBS 19:58:20 19:58:27 19:58:45 Peak...c/s=53 Associated Event # = 12084 Maxkey=102 Rast=30"x30"
UVSP 19:52 Wavelength=1375A Qual=01 Tot Cts=18073 Exp #=96952 Step=5" 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=00 Tot Cts=173 Maxkey=102 Rast=70"x70" Step=5" Pitch=+505",Yaw=+175"
UVSP 01:41 Wavelength=1375A Qual=01 Exp #=96962
-----
Event # = 23276
89/09/22,03:13 DOY=265
GOES Start Peak End times
BCS 03:13 03:13 03:16 CaPeak.c/s=21 Qual=00 FePeak=03:13 #Peaks=1 dt= 7.7s XEN=926500
FCS 03:10 Wave length=1375A Qual= 4 FePeak=03:13 Step=10" Cad= 332s 1.024s/pixel
UVSP Exp #=96963 Step=5" Pitch=+520",Yaw=-78"

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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	End times								
Start	Peak									
Optical										
GOES 03:33	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		MaxkeV=102	#Peaks=1	dt= 3.8s	XEN=926501	
BCS 03:36	03:38	03:40	Peak...c/s=45	Qual=01	Tot Cts=166	FePeak.c/s=21	Step=15"	Cad= 262s	1.024s/pixel	
FCS			CaPeak.c/s=63	Qual= 1	FePeak=03:36	Rast=240"x240"	Step=1"	Pitch=+462"	Yaw=-163"	
UVSP 03:35	Type/Intensity:		Wavelength=1375A		Code=00	Exp #=96969				
Radio Sweeps	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	End times								
Start	Peak									
GOES										
HXRBS 04:38:46	04:39:06	04:39:24	Peak...c/s=48	Qual=00	Tot Cts=295	MaxkeV=102	Step=5"	Pitch=+501"	Yaw=+180"	
UVSP 04:41			Wavelength=1375A	Qual=01	Exp #=96972	Rast=265"x265"				
Event # = 12088		SMM Pointing:		S26W01		Pitch=+494", Yaw=+167", Roll=-20deg		H. Ang=33deg		
89/09/22, 05:20	DOY=265	End times								
Start	Peak									
GOES										
HXRBS 05:17	05:20	05:23	Importance=C2	Qual=01	Tot Cts=1170	MaxkeV=102	#Peaks=1	dt= 7.7s	XEN=926502	
BCS 05:18	05:19	05:24	Peak...c/s=55	Qual=01	FePeak=05:18	FePeak.c/s=15	Step=15"	Cad= 262s	1.024s/pixel	
FCS			CaPeak.c/s=32	Qual= 1	Exp #=96980	Rast=240"x240"	Step=5"	Pitch=+520"	Yaw=+148"	
UVSP 05:18	Type/Intensity:		Wavelength=1375A		Code=00					
Radio Sweeps	III/2									
Radio Frequency(MHz)/Flux(sfu):	245/25000		410/120		606/120		1415/24		2695/130	
Event # = 12089		SMM Pointing:		S26W02		Pitch=+498", Yaw=+156", Roll=-20deg		H. Ang=33deg		
89/09/22, 06:30	DOY=265	End times								
Start	Peak									
Optical										
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	Tot Cts=22640	MaxkeV=275	Flags=M5	dt= 3.8s	XEN=926503	
BCS 06:26	06:31	07:00	Peak...c/s=1951	Qual=01	FePeak=06:29	FePeak.c/s=43	Step=15"	Cad= 262s	1.024s/pixel	
FCS			CaPeak.c/s=195	Qual= 1	Exp #=96982	Rast=240"x240"	Step=0"	Pitch=+377"	Yaw=+87"	
UVSP 06:03	Type/Intensity:		Wavelength=2788A		Code=01					
Radio Sweeps	III/2									
Radio Frequency(MHz)/Flux(sfu):	245/25000		410/120		606/120		4995/230		8800/270	
Event # = 23277		SMM Pointing:		S26W02		Pitch=+498", Yaw=+156", Roll=-20deg		H. Ang=33deg		
89/09/22, 13:03	DOY=265	End times								
Start	Peak									
GOES										
BCS 13:03	13:03	13:05	CaPeak.c/s=18	Qual= 5	FePeak=13:03	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=926504	
FCS			Wavelength=2788A	Qual= 5	Exp #=96991	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
UVSP 13:05	Type/Intensity:		Wavelength=2788A		Code=01					
Radio Sweeps	III/2									
Radio Frequency(MHz)/Flux(sfu):	245/25000		410/120		606/120		4995/230		8800/270	
Event # = 23278		SMM Pointing:		S26W01		Pitch=+494", Yaw=+167", Roll=-20deg		H. Ang=33deg		
89/09/22, 13:51	DOY=265	End times								
Start	Peak									
GOES										
BCS 13:50	13:51	13:59	CaPeak.c/s=26	Qual= 5	FePeak=13:51	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=926505	
FCS			Wavelength=2788A	Qual= 5	Exp #=96992	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel	
UVSP 13:43	Type/Intensity:		Wavelength=2788A		Code=01					
Radio Sweeps	III/2									
Radio Frequency(MHz)/Flux(sfu):	245/25000		410/120		606/120		4995/230		8800/270	

Event # = 12090		SMM Pointing:		S26W07		Pitch=+525", Yaw=+76", Roll=-20deg		H. Ang=34deg	
89/09/22, 17:08	DOY=265	Peak	End times						
GOES 17:04	17:08	17:17	17:17						
HXRBS 17:04:47	17:05:26	17:07:09	17:07:09	Qual=03					
BGS 17:06	17:07	17:19	17:19	Qual=01					
FCS				Qual=1					
UVSP 16:46	Wavelength=2788A		Code=01	Exp #=96996					
Radio	Frequency(MHz)/Flux(sfu):		4995/54 8800/100	15400/75					
Event # = 12091		SMM Pointing:		S26W08		Pitch=+530", Yaw=+63", Roll=-20deg		H. Ang=34deg	
89/09/22, 18:43	DOY=265	Peak	End times						
Optical				Ha...Class=SF		AR5698			
Optical				Ha...Class=SF		AR5694		H. Ang=33deg	
GOES 18:37	18:43	18:47	18:47	Qual=03				H. Ang=62deg	
HXRBS 18:41:09	18:41:23	18:41:41	18:41:41	Qual=01					
BGS 18:42	18:42	18:51	18:51	Qual=1					
FCS				Qual=1					
UVSP 18:42	Wavelength=2788A		Code=00	Exp #=97000					
HXRBS 18:53:20	18:53:31	18:53:35	18:53:35	Associated Event # = 12092					
				Qual=01		Tot Cts=86			
Event # = 12093		SMM Pointing:		S26W09		Pitch=+534", Yaw=+52", Roll=-20deg		H. Ang=34deg	
89/09/22, 20:01	DOY=265	Peak	End times						
HXRBS 20:01:25	20:01:29	20:02:05	20:02:05	Qual=01					
UVSP 20:00	Wavelength=1375A			Qual=01		Tot Cts=1267			
						Exp #=97001			
Event # = 12094		SMM Pointing:		S32W08		Pitch=+600", Yaw=+100", Roll=-20deg		H. Ang=39deg	
89/09/23, 04:00	DOY=266	Peak	End times						
GOES 03:59:58	04:00:04	04:00:20	04:00:20	Qual=00					
HXRBS 04:26	Peak...c/s=84			Qual=01		Tot Cts=467			
UVSP	Wavelength=2788A					Exp #=97033			
Event # = 12095		SMM Pointing:		N07W00		Pitch=+0", Yaw=+0", Roll=-20deg		H. Ang=0deg	
89/09/23, 06:46	DOY=266	Peak	End times						
GOES 06:46:44	06:46:52	06:46:58	06:46:58	Qual=06					
HXRBS 06:41	Peak...c/s=68			Qual=01		Tot Cts=177			
UVSP	Wavelength=2788A					Exp #=97036			
Event # = 12096		SMM Pointing:		N70E82		Pitch=-956", Yaw=+0", Roll=-20deg		H. Ang=81deg	
89/09/23, 06:55	DOY=266	Peak	End times						
GOES 06:55:15	06:55:27	06:55:34	06:55:34	Qual=06					
HXRBS 06:53	Peak...c/s=55			Qual=01		Tot Cts=161			
UVSP	Wavelength=2788A					Exp #=97037			

Event # = 12097
89/09/23, 08:34:34 Start DOY=266 End times
SMM Pointing: S26W15 H. Ang = -36deg
Pitch = +565", Yaw = -39", Roll = -20deg
GOES 08:34:08 08:34:18 08:34:28 Peak...c/s=40
HXRBS 08:34:08 08:34:18 08:34:28 Peak...c/s=40
UVSP 08:30 MaxkeV=102 Tot Cts=118
Rast=30"x30" Step=5" Pitch=+584", Yaw=-111"
Exp #=97045

Event # = 12098
89/09/23, 09:00:00 Start DOY=266 End times
SMM Pointing: S26W15 H. Ang = -36deg
Pitch = +565", Yaw = -39", Roll = -20deg
Optical N29W74 Carr. Lon. = 278deg
Ha...Class=SF AR5694
Importance=C4
GOES 08:56 09:00 09:04 Qual=03
HXRBS 08:57:45 08:58:23 09:00:07 Peak...c/s=62
UVSP 08:51 Wavelength=1375A Code=00
Radio Sweeps Type/Intensity: II/2 MaxkeV=144
Rast=30"x30" Step=5" Pitch=+590", Yaw=-114"
Exp #=97049

Event # = 23279
89/09/23, 12:55:00 Start DOY=266 End times
SMM Pointing: S26W18 H. Ang = -37deg
Pitch = +576", Yaw = -73", Roll = -20deg
GOES 12:52 12:55 13:00 Qual=00
BCS 12:52 12:55 13:00 FePeak=12:53
FCS Wavelength=2788A
UVSP 12:39 CaPeak.c/s=29
Qual=2
FePeak=12:53
Exp #=97068
dt= 7.7s XEN=926600
Cad= 262s 1.024s/pixel
Pitch=+454", Yaw=+113"

Event # = 12099
89/09/23, 13:35:00 Start DOY=266 End times
SMM Pointing: S26W18 H. Ang = -37deg
Pitch = +576", Yaw = -73", Roll = -20deg
GOES 13:29 13:35 13:44 Qual=04
HXRBS 13:30:45 13:32:10 13:33:31 Importance=C3
BCS 13:32 13:35 13:41 Peak...c/s=44
FCS CaPeak.c/s=45
UVSP 13:33 Wavelength=2788A Code=00
Radio Frequency(MHz)/Flux(sfu): 245/94
MaxkeV=102 Tot Cts=1186
FePeak.c/s=9 FePeak=13:32
Rast=240"x240" Step=15" Exp #=97069
dt= 3.8s XEN=926601
Cad= 262s 1.024s/pixel
Pitch=+457", Yaw=+106"

Event # = 12100
89/09/23, 21:59:00 Start DOY=266 End times
SMM Pointing: S26W23 H. Ang = 40deg
Pitch = +597", Yaw = -140", Roll = -20deg
GOES 21:58:44 21:59:12 21:59:44 Peak...c/s=37
HXRBS 21:58:44 21:59:12 21:59:44 Peak...c/s=37
UVSP 22:01 Wavelength=1375A
Qual=00
Tot Cts=198
Exp #=97088
MaxkeV=102
Rast=265"x265" Step=5" Pitch=+603", Yaw=-127"

Event # = 12101
89/09/23, 22:45:00 Start DOY=266 End times
SMM Pointing: S26W23 H. Ang = 40deg
Pitch = +597", Yaw = -140", Roll = -20deg
GOES 22:30 22:45 23:18 Qual=03
HXRBS 22:30:50 22:33:09 22:35:04 Importance=C4
BCS 22:31 22:39 22:41 Peak...c/s=50
FCS CaPeak.c/s=152
UVSP 22:38 Wavelength=1375A Code=00
Radio Frequency(MHz)/Flux(sfu): 245/210
MaxkeV=102 Tot Cts=2174
FePeak.c/s=33 FePeak=22:38
Rast=180"x180" Step=10" Exp #=97096
dt= 3.8s XEN=926602
Cad= 332s 1.024s/pixel
Pitch=+627", Yaw=-208"

89/09/24 DOY=267

Event # = 12102
 89/09/24, 04:51 DOY=267 S26W26 Pitch=+609", Yaw=-184", Roll=-20deg H. Ang=42deg
 Start Peak End times
 GOES 04:44 04:51 04:57 SMM Pointing: Importance=C2
 HXRBS 04:44:35 04:45:05 04:45:43 Peak...c/s=59
 BCS 04:47 04:50 04:58 CaPeak.c/s=63
 FCS Wavelength=1375A Code=00 Tot Cts=828
 UVSP 04:46 Frequency(MHz)/Flux(sfu): 8800/35 15400/65 FePeak=102 dt= 3.8s XEN=926700
 Radio MaxkeV=102 #Peaks=1 Cad= 262s 1.024s/pixel
 Rast=240"x240" Step=15" Step=5" Pitch=+640", Yaw=-241"

Event # = 12103
 89/09/24, 05:58 DOY=267 S26W27 Pitch=+612", Yaw=-194", Roll=-20deg H. Ang=42deg
 Start Peak End times
 GOES 05:57:48 05:58:08 05:58:14 SMM Pointing: Importance=C2
 HXRBS 05:57:48 05:58:08 05:58:14 Peak...c/s=49 Wavelength=1375A Qual=01
 UVSP 05:56 Wavelength=1375A Exp #=97137

Event # = 12105
 89/09/24, 08:21 DOY=267 S26W29 Pitch=+620", Yaw=-215", Roll=-20deg H. Ang=43deg
 Start Peak End times
 Optical Ha...Class=SF
 GOES 08:06 08:21 09:06 S29W28 AR5698 Carr. Lon.=219deg H. Ang=45deg
 HXRBS 08:42:50 08:43:14 08:43:24 Importance=M1
 UVSP 08:32 Peak...c/s=41 Tot Cts=216
 Radio Frequency(MHz)/Flux(sfu): 245/1000 606/1 Wavelength=2788A Exp #=97151
 HXRBS 08:40:14 08:40:23 08:40:39 Peak...c/s=36 Associated Event # = 12104
 Qual=01 Tot Cts=184 MaxkeV=102

Event # = 22619
 89/09/24, 08:44 DOY=267 S26W29 Pitch=+620", Yaw=-215", Roll=-20deg H. Ang=43deg
 Start Peak End times
 GOES 08:41 08:44 08:47 SMM Pointing: Importance=C2
 BCS 08:41 08:44 08:47 CaPeak.c/s=65 Qual=8 FePeak=08:43
 FCS Wavelength=2788A Exp #=97151
 UVSP MaxkeV=102 dt= 3.8s XEN=926701
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
 Step=0" Pitch=+497", Yaw=-28"

Event # = 12106
 89/09/24, 09:11 DOY=267 S26W29 Pitch=+620", Yaw=-215", Roll=-20deg H. Ang=43deg
 Start Peak End times
 GOES 09:09:04 09:09:15 09:10:33 SMM Pointing: Importance=C2
 HXRBS 09:10 09:11 09:15 Peak...c/s=54 Qual=01 Tot Cts=521
 BCS 09:10 09:11 09:15 CaPeak.c/s=41 Qual=1 FePeak=09:11
 FCS Wavelength=2788A Exp #=97152
 UVSP MaxkeV=102 dt= 7.7s XEN=926702
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
 Step=0" Pitch=+499", Yaw=-34"

Event # = 12107
 89/09/24, 09:31 DOY=267 S26W29 Pitch=+620", Yaw=-215", Roll=-20deg H. Ang=43deg
 Start Peak End times
 GOES 09:29:37 09:29:44 09:30:01 SMM Pointing: Importance=C2
 HXRBS 09:29 09:31 09:34 Peak...c/s=44 Qual=01 Tot Cts=179
 BCS 09:29 09:31 09:34 CaPeak.c/s=39 Qual=3 FePeak=09:31
 FCS Wavelength=2788A Exp #=97152
 UVSP MaxkeV=102 dt= 7.7s XEN=926703
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
 Step=0" Pitch=+499", Yaw=-34"

Event # = 12108												
89/09/24, 14:06	DOY=267	Peak	SMM Pointing:		S26W31	Pitch=+627", Yaw=-245", Roll=-20deg		H. Ang=45deg				
Goes	14:04:33	14:04:47	14:05:02	14:08	Qual=00							
HXRBS	14:04:33	14:04:47	14:05:02	14:08	Qual=01							
BCS	14:06	14:06	14:08	14:08	Qual=4							
FCS												
UVSP	14:01											
Radio	Frequency (MHz) / Flux (sfu):		15400/50		WaveLength=2788A							

Event # = 23280												
89/09/24, 15:34	DOY=267	Peak	SMM Pointing:									
Goes	15:30	15:34	15:37	15:39	Qual=05							
BCS	15:35	15:35	15:39	15:39	Qual=5							
FCS												
UVSP	15:34											
Radio	Frequency (MHz) / Flux (sfu):		15400/50		WaveLength=2788A							

Event # = 23281												
89/09/24, 16:35	DOY=267	Peak	SMM Pointing:		S26W33	Pitch=+635", Yaw=-275", Roll=-20deg		H. Ang=46deg				
Goes	16:34	16:35	16:41	16:41	Qual=00							
BCS	16:34	16:35	16:41	16:41	Qual=4							
FCS												
UVSP	16:12											
Radio	Frequency (MHz) / Flux (sfu):		245/8000 2695/58 4995/91 8800/150 15400/120		WaveLength=2788A							

Event # = 12111												
89/09/24, 18:00	DOY=267	Peak	SMM Pointing:		S26W33	Pitch=+635", Yaw=-275", Roll=-20deg		H. Ang=46deg				
Goes	17:50	18:00	18:05	18:05	Qual=01							
HXRBS	17:57:12	17:59:01	18:00:13	18:00:13	Qual=01							
BCS	17:43											
FCS												
UVSP	17:43											
Radio	Frequency (MHz) / Flux (sfu):		245/8000 2695/58 4995/91 8800/150 15400/120		WaveLength=2788A							

Event # = 23282												
89/09/24, 20:21	DOY=267	Peak	SMM Pointing:		S26W37	Pitch=+647", Yaw=-319", Roll=-20deg		H. Ang=49deg				
Goes	19:24	20:21	20:32	20:32	Qual=03							
BCS	19:26	19:26	20:32	20:32	Qual=4							
FCS												
UVSP	19:39											
Radio	Frequency (MHz) / Flux (sfu):		245/8000 2695/58 4995/91 8800/150 15400/120		WaveLength=2788A							

Event # = 12113												
89/09/25, 01:50	DOY=268	Peak	SMM Pointing:		S26W37	Pitch=+647", Yaw=-319", Roll=-20deg		H. Ang=49deg				
Goes	01:36	01:50	02:00	02:00	Qual=03							
HXRBS	01:47:26	01:47:45	01:48:00	01:48:00	Qual=01							
BCS	01:48	01:51	01:56	01:56	Qual=1							
FCS												
UVSP	01:47											
Radio	Frequency (MHz) / Flux (sfu):		245/8000 2695/58 4995/91 8800/150 15400/120		WaveLength=2788A							

Event # = 23283												
89/09/25, 01:50	DOY=268	Peak	SMM Pointing:		S26W37	Pitch=+647", Yaw=-319", Roll=-20deg		H. Ang=49deg				
Goes	01:36	01:50	02:00	02:00	Qual=03							
HXRBS	01:47:26	01:47:45	01:48:00	01:48:00	Qual=01							
BCS	01:48	01:51	01:56	01:56	Qual=1							
FCS												
UVSP	01:47											
Radio	Frequency (MHz) / Flux (sfu):		245/8000 2695/58 4995/91 8800/150 15400/120		WaveLength=2788A							

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			
UVSP	01:50:22	01:50:50	01:51:03	Peak	c/s=39	Qual=01	Tot Cts=197	MaxkeV=102			
Event # = 12116											
89/09/25	03:38	DOY=268	Peak	SMM Pointing:		S26W38		Pitch=+649"	Yaw=-329"	Roll=-20deg	H. Ang=49deg
GOES	03:03	03:38	03:58	Importance=M1		Qual=03		MaxkeV=102	Flags=M5		
HRBS	03:09:54	03:10:54	03:15:14	Peak	c/s=68	Qual=01	Tot Cts=3842	Rast=30"x30"	Step=5"	Pitch=+676"	Yaw=-400"
UVSP	03:30			WaveLength=1375A		Code=00	Exp #=97210				
Event # = 12117											
89/09/25	05:19	DOY=268	Peak	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	Tot Cts=85	MaxkeV=102			
HRBS	05:07			WaveLength=1375A		Qual=01	Exp #=97219	Rast=10"x10"	Step=0"	Pitch=+683"	Yaw=-360"
Event # = 23283											
89/09/25	08:12	DOY=268	Peak	SMM Pointing:		S26W45		Pitch=+669"	Yaw=-408"	Roll=-20deg	H. Ang=55deg
GOES	08:10	08:12	08:24	CaPeak	c/s=22	Qual=00	FePeak=08:11	Rast=180"x180"	#Peaks=1	dt= 7.7s	XEN=926801
BCS	08:24			WaveLength=2788A		Qual=4	Exp #=97232	Rast=180"x1"	Step=10"	Cad= 332s	1.024s/pixel
UVSP	08:24								Step=0"	Pitch=+538"	Yaw=-180"
Event # = 23284											
89/09/25	09:57	DOY=268	Peak	SMM Pointing:		S26W45		Pitch=+669"	Yaw=-408"	Roll=-20deg	H. Ang=55deg
GOES	09:57	09:57	09:59	CaPeak	c/s=20	Qual=00	FePeak=09:57	Rast=180"x180"	#Peaks=1	dt= 7.7s	XEN=926802
BCS	09:54			WaveLength=2788A		Qual=4	Exp #=97234	Rast=180"x1"	Step=15"	Cad= 262s	1.024s/pixel
UVSP	09:54								Step=0"	Pitch=+540"	Yaw=-190"
Event # = 12118											
89/09/25	16:57	DOY=268	Peak	SMM Pointing:		S26W47		Pitch=+674"	Yaw=-431"	Roll=-20deg	H. Ang=57deg
GOES	16:57:42	16:57:59	16:58:15	Peak	c/s=35	Qual=00	Tot Cts=150	MaxkeV=102			
HRBS	16:39			WaveLength=2788A		Qual=01	Exp #=97243	Rast=180"x1"	Step=0"	Pitch=+549"	Yaw=-227"
UVSP	16:39										
Event # = 12119											
89/09/25	21:26	DOY=268	Peak	SMM Pointing:		S26W47		Pitch=+674"	Yaw=-431"	Roll=-20deg	H. Ang=57deg
GOES	21:17	21:26	21:38	Importance=C6		Qual=04	Tot Cts=687	MaxkeV=102			
HRBS	21:21:33	21:22:53	21:24:02	Peak	c/s=41	Qual=01	Exp #=97250	Rast=265"x265"	Step=5"	Pitch=+683"	Yaw=-425"
UVSP	21:27			WaveLength=1375A		Code=02					

Event # = 12123	DOY=269	SMM Pointing:	S26W52	Pitch=+682"	Yaw=-471"	Roll=-20deg	H. Ang=60deg
89/09/26, 05:20	Peak	End times					
GOES			Qual=00				
HXRBS	05:19:01	05:20:04	05:20:25	Peak...c/s=47	Tot Cts=420		
UVSP	05:09			Wavelength=1375A	Exp #=97297	Step=0"	Pitch=+708", Yaw=-492"
Event # = 23288	DOY=269	SMM Pointing:	S26W52	Pitch=+682"	Yaw=-471"	Roll=-20deg	H. Ang=60deg
89/09/26, 06:29	Peak	End times					
Optical			Qual=00				
Optical			Qual=01				
GOES	06:21	06:29	06:36	Ha...Class=SF	AR5698		
BGS	06:33	06:34	06:55	Ha...Class=SF	AR5698		
UVSP	06:36			Importance=C5			
				CaPeak.c/s=39	FePeak=06:33		
				Wavelength=1375A	Code=02	Exp #=97304	
Event # = 12124	DOY=269	SMM Pointing:	S26W53	Pitch=+685"	Yaw=-482"	Roll=-20deg	H. Ang=61deg
89/09/26, 07:26	Peak	End times					
GOES			Qual=00				
HXRBS	07:13:49	07:14:02	07:14:49	Peak...c/s=54	Tot Cts=307		
BGS	07:13	07:26	07:28	CaPeak.c/s=65	FePeak=07:14		
FCS				Wavelength=1375A	Exp #=97312		
UVSP	07:20						
Event # = 12126	DOY=269	SMM Pointing:	S26W54	Pitch=+686"	Yaw=-492"	Roll=-20deg	H. Ang=62deg
89/09/26, 08:59	Peak	End times					
Optical			Qual=03				
GOES	08:55	08:59	09:03	Ha...Class=SN	AR5698		
HXRBS	08:57:06	08:57:39	08:58:17	Importance=C5			
UVSP	08:51			Peak...c/s=161	Tot Cts=2153		
Radio				Wavelength=2788A	Code=00	Exp #=97314	
				245/920			
HXRBS	08:54:29	08:54:39	08:54:51	Frequency(MHz)/Flux(sfu):			
				Associated Event # = 12125			
				Qual=01	Tot Cts=120		
Event # = 12129	DOY=269	SMM Pointing:	S26W55	Pitch=+688"	Yaw=-502"	Roll=-20deg	H. Ang=63deg
89/09/26, 10:19	Peak	End times					
Optical			Qual=01				
GOES	10:15	10:19	10:22	Ha...Class=1N	AR5698		
HXRBS	10:15:14	10:15:20	10:15:52	Importance=C4			
UVSP	10:24			Peak...c/s=118	Tot Cts=637		
Radio				Wavelength=2788A	Code=02	Exp #=97316	
				III/2			
Radio				Type/Intensity:			
				245/1000			
HXRBS	10:18:14	10:18:21	10:18:28	Frequency(MHz)/Flux(sfu):			
				Associated Event # = 12130			
				Qual=01	Tot Cts=136		
				Maxkey=102			

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						
Radio	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						
HXRBS	12:38:52	12:39:16	12:41:42	Tot Cts=5308		MaxkeV=188	Step=0"	Pitch=+569", Yaw=-327"	
UVSP	12:33			Exp #=97319		Rast=180"x1"			
Radio	Type/Intensity:		V/1						
Radio	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						
HXRBS	16:31:01	16:31:52	16:32:59	Tot Cts=4359		MaxkeV=232	Flags=SA	dt= 3.8s XEN=926904	
BCS	16:34	16:35	16:38	FePeak=16:34		FePeak.c/s=12	#Peaks=1	Cad= 332s 1.024s/pixel	
FCS						Rast=180"x180"	Step=10"	Pitch=+573", Yaw=-347"	
UVSP	17:07			Exp #=97325		Rast=180"x1"	Step=0"		
Radio	Type/Intensity:		V/2						
Radio	Frequency (MHz)/Flux(sfu):		245/260 606/70 4995/43 8800/51						
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						
BCS									
FCS									
UVSP	18:02			Exp #=97326		FePeak.c/s=7	#Peaks=1	dt= 7.7s XEN=926905	
						Rast=240"x240"	Step=15"	Cad= 262s 1.024s/pixel	
						Rast=180"x1"	Step=0"	Pitch=+573", Yaw=-350"	

Event # = 12134
 89/09/26,19:02 DOY=269 Peak Start End times
 GOES 18:52 19:02 19:12 19:12
 HXRBS 18:52:18 18:53:06 18:55:46
 BCS 18:47 19:00 19:18
 FCS
 UVSP 18:40
 HXRBS 18:58:59 18:59:30 19:00:00 19:00:00
 SMM Pointing: S26W59
 Pitch=+693", Yaw=-533", Roll=-20deg H. Ang=66deg
 dt= 7.7s XEN=926906
 #Peaks=1
 Step=10" Cad= 332s 1.024s/pixel
 Step=0" Pitch=+573", Yaw=-353"
 MaxkeV=144
 FePeak.c/s=49
 Rast=180"x180" Cad= 332s 1.024s/pixel
 Rast=180"x1" Step=0" Pitch=+573", Yaw=-353"
 MaxkeV=102
 Tot Cts=3375
 FePeak=18:59
 Exp #=97327
 Event # = 12135
 Tot Cts=235

Event # = 23290
 89/09/26,20:32 DOY=269 Peak Start End times
 GOES 20:29 20:32 20:37 20:37
 BCS
 FCS
 UVSP 20:11
 SMM Pointing: S26W60
 Pitch=+695", Yaw=-543", Roll=-20deg H. Ang=67deg
 dt= 7.7s XEN=926907
 #Peaks=1
 Step=10" Cad= 332s 1.024s/pixel
 Step=0" Pitch=+574", Yaw=-359"
 MaxkeV=102
 FePeak.c/s=7
 Rast=180"x180" Cad= 332s 1.024s/pixel
 Rast=180"x1" Step=0" Pitch=+574", Yaw=-359"
 Qual=00
 Qual=1
 FePeak=20:32
 Exp #=97329

Event # = 12136
 89/09/26,20:45 DOY=269 Peak Start End times
 GOES 20:45:04 20:45:13 20:45:28
 HXRBS 21:05
 UVSP
 Radio Frequency(MHz)/Flux(sfu): 410/57
 SMM Pointing: S26W60
 Pitch=+439", Yaw=-772", Roll=2deg H. Ang=68deg
 dt= 7.7s XEN=926908
 #Peaks=1
 Step=15" Cad= 262s 1.024s/pixel
 Step=0" Pitch=+575", Yaw=-363"
 MaxkeV=102
 FePeak.c/s=7
 Rast=180"x240" Cad= 262s 1.024s/pixel
 Rast=180"x1" Step=0" Pitch=+575", Yaw=-363"
 Qual=00
 Qual=1
 Tot Cts=125
 Exp #=97330

Event # = 23291
 89/09/26,20:53 DOY=269 Peak Start End times
 GOES 20:52 20:53 20:54 20:54
 BCS
 FCS
 UVSP 21:05
 SMM Pointing: S26W61
 Carr. Lon.=199deg
 dt= 7.7s XEN=926909
 #Peaks=1
 Step=15" Cad= 262s 1.024s/pixel
 Step=5" Pitch=+376", Yaw=-832"
 MaxkeV=102
 FePeak.c/s=7
 Rast=240"x240" Cad= 262s 1.024s/pixel
 Rast=70"x70" Step=5" Pitch=+376", Yaw=-832"
 Qual=03
 Qual=2
 FePeak=20:52
 Exp #=97330

Event # = 12137
 89/09/26,22:02 DOY=269 Peak Start End times
 GOES 21:54 22:02 22:08 22:08
 HXRBS 21:54:37 21:54:58 21:55:23
 UVSP 22:01
 SMM Pointing: S16W43
 Code=DSF
 dt= 7.7s XEN=926909
 #Peaks=1
 Step=15" Cad= 262s 1.024s/pixel
 Step=5" Pitch=+376", Yaw=-832"
 MaxkeV=102
 FePeak.c/s=7
 Rast=240"x240" Cad= 262s 1.024s/pixel
 Rast=70"x70" Step=5" Pitch=+376", Yaw=-832"
 Qual=01
 Qual=0
 Qual=4
 FePeak=23:30
 Exp #=97332

Event # = 23292
 89/09/26,23:30 DOY=269 Peak Start End times
 Optical
 GOES 23:29 23:30 23:36 23:36
 BCS
 FCS
 UVSP 23:29
 SMM Pointing: S16W43
 Code=DSF
 dt= 7.7s XEN=926909
 #Peaks=1
 Step=15" Cad= 262s 1.024s/pixel
 Step=5" Pitch=+376", Yaw=-832"
 MaxkeV=102
 FePeak.c/s=7
 Rast=240"x240" Cad= 262s 1.024s/pixel
 Rast=70"x70" Step=5" Pitch=+376", Yaw=-832"
 Qual=00
 Qual=0
 Qual=4
 FePeak=23:30
 Exp #=97334

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 dt= 3.8s XEN=927000
 BCS 00:00 00:09 00:17 Peak...c/s=64 Qual=01 #Peaks=1 FePeak.c/s=18 #Peaks=1 dt= 3.8s XEN=927000
 FCS 00:00 00:09 00:17 CaPeak.c/s=117 Qual=1 FePeak=00:09 Rast=180"x180" Cad= 332s 1.024s/pixel
 UVSP 23:29 Type/Intensity: III/3 Wave length=1375A Code=00 Exp #=97334 Rast=70"x70" Pitch=+376", Yaw=-832"
 Radio Sweeps Associated Event # = 12138 MaxkeV=102
 HXRBS 00:03:51 00:04:05 00:04:39 Peak...c/s=37 Qual=01 Tot Cts=198
 Radio Sweeps Type/Intensity: III/1

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 Type/Intensity: III/2 V/1 Wave length=1375A Code=00 Exp #=97337
 Radio Sweeps

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 Wave length=1375A Exp #=97352
 Radio Sweeps

Event # = 23293
 89/09/27, 03:53 DOY=270 SMM Pointing: S26W63 Pitch=+663", Yaw=-634"
 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 Wave length=1375A Code=02 Exp #=97353
 UVSP 04:01

Event # = 23294
 89/09/27, 04:30 DOY=270 SMM Pointing: S26W63 Pitch=+678", Yaw=-624"
 Start Peak End times
 GOES 04:25 04:30 04:52 CaPeak.c/s=30 Qual=00
 BCS 04:25 04:30 04:52 Peak...c/s=37 Qual=1 FePeak=04:26
 FCS 04:26 Wave length=1375A Exp #=97359
 UVSP 04:26

Event # = 23295
 89/09/27, 05:37 DOY=270 SMM Pointing: S26W63 Pitch=+663", Yaw=-643"
 Start Peak End times
 GOES 05:30 05:37 05:42 CaPeak.c/s=25 Qual=06
 BCS 05:30 05:37 05:42 Peak...c/s=37 Qual=4 FePeak=05:31
 FCS 05:37 05:37 05:42 Wave length=1375A Exp #=97364
 UVSP 05:37

Event # = 23296		D0Y=270									
89/09/27,06:08	Start	06:08	Peak								
GOES	05:47	06:24	End times	Qual=06	FePeak=06:00	dt= 3.8s	XEN=927004				
BCS	05:47	06:08	End times	Qual=1	FePeak=06:00	Cad= 332s	XEN=927004				
FCS	05:58				Exp #=97368	Pitch=+663"	Yaw=-650"				
UVSP	05:58				Exp #=97368						
Event # = 12142		D0Y=270									
89/09/27,06:21	Start	06:21	Peak	S26W64		Pitch=+699"	Yaw=-574"	Roll=-20deg	H.Ang=71deg		
GOES	06:21:50	06:22:04	End times	Qual=06	Tot Cts=48	MaxkeV=102					
HXRBS	06:09	06:21:55	End times	Qual=01	Exp #=97370	Rast=30"x30"	Step=5"	Pitch=+663"	Yaw=-640"		
UVSP	06:09				Exp #=97370						
Event # = 12143		D0Y=270									
89/09/27,07:24	Start	07:24	Peak	S26W66		Pitch=+700"	Yaw=-584"	Roll=-20deg	H.Ang=72deg		
GOES	07:22:23	07:22:32	End times	Qual=00	Tot Cts=183	MaxkeV=62					
HXRBS*	07:24	07:24	End times	Qual=01	FePeak=07:24	FePeak.c/s=12	dt= 7.7s	XEN=927005			
BCS	07:24	07:25	End times	Qual=4	FePeak=07:24	Rast=240"x240"	Cad= 262s	XEN=927005			
FCS	07:20				Exp #=97375	Rast=30"x30"	Pitch=+664"	Yaw=-649"			
UVSP	07:20				Exp #=97375						
Event # = 23297		D0Y=270									
89/09/27,07:34	Start	07:34	Peak								
GOES	07:29	07:37	End times	Qual=00	FePeak=07:34	dt= 7.7s	XEN=927006				
BCS	07:29	07:34	End times	Qual=4	FePeak=07:34	Cad= 332s	XEN=927006				
FCS	07:31				Exp #=97377	Pitch=+664"	Yaw=-650"				
UVSP	07:31				Exp #=97377						
Event # = 23298		D0Y=270									
89/09/27,07:48	Start	07:48	Peak								
GOES	07:47	07:55	End times	Qual=00	FePeak=07:47	dt= 7.7s	XEN=927007				
BCS	07:47	07:48	End times	Qual=4	FePeak=07:47	Cad= 332s	XEN=927007				
FCS	07:41				Exp #=97379	Pitch=+664"	Yaw=-650"				
UVSP	07:41				Exp #=97379						
Event # = 23299		D0Y=270									
89/09/27,11:18	Start	11:18	Peak								
GOES	09:55	12:24	End times	Qual=02	FePeak=10:05	dt= 3.8s	XEN=927008				
BCS	09:55	11:18	End times	Qual=6	FePeak=10:05	Cad= 262s	XEN=927008				
FCS	10:05	10:09	End times		Exp #=97389	Pitch=+579"	Yaw=-453"				
UVSP	10:05				Exp #=97389						
Event # = 12144		D0Y=270									
89/09/27,15:33	Start	15:33	Peak	S26W76		Pitch=+700"	Yaw=-636"	Roll=-20deg	H.Ang=80deg		
GOES	15:31:54	15:32:20	End times	Qual=00	Tot Cts=554	MaxkeV=62					
HXRBS*	15:33	15:33	End times	Qual=01	FePeak=15:33	FePeak.c/s=8	dt= 7.7s	XEN=927009			
BCS	15:33	15:34	End times	Qual=1	FePeak=15:33	Rast=240"x240"	Cad= 262s	XEN=927009			
FCS	15:27				Exp #=97389	Rast=180"x1"	Pitch=+579"	Yaw=-453"			
UVSP	15:27				Exp #=97389						

Event # = 23300			DOY=270					
89/09/27,16:15	Start	End times						
GOES	16:13	16:33	CaPeak.c/s=55	Qual=00	FePeak=16:16	#Peaks=1	dt= 3.8s	XEN=927010
BCS			WaveLength=2788A	Qual=5	Exp #=97390	Step=15"	Cad= 262s	1.024s/pixel
FCS						Step=0"	Pitch=+579"	Yaw=-454"
UVSP	16:03							
Event # = 12146			DOY=270			H.Ang=82deg		
89/09/27,21:01	Start	End times	SMM Pointing: S23W79			Pitch=+360", Yaw=-880", Roll=2deg		
GOES	21:01:20	21:02:21	Peak...c/s=116	Qual=00	Tot Cts=1992	MaxkeV=232		
HXRBS	20:54		WaveLength=1375A	Qual=01	Exp #=97397	Rast=110"x200"	Pitch=+373", Yaw=-900"	
UVSP	20:54							
Event # = 12145			DOY=270			H.Ang=82deg		
89/09/27,21:03	Start	End times	SMM Pointing: S23W79			Pitch=+360", Yaw=-880", Roll=2deg		
GOES	20:59:31	21:00:36	Peak...c/s=169	Qual=00	Tot Cts=2501	MaxkeV=369		
HXRBS	20:48	21:42	CaPeak.c/s=298	Qual=01	FePeak=21:02	Rast=180"x180"	dt= 7.7s XEN=927011	
FCS			WaveLength=1375A	Qual=1	Exp #=97397	Rast=110"x200"	Cad= 332s 1.024s/pixel	
UVSP	20:54						Pitch=+373", Yaw=-900"	
Radio			Frequency(MHz)/Flux(sfu): 15400/64					
Event # = 23301			DOY=270					
89/09/27,22:26	Start	End times						
GOES	22:20	23:14	CaPeak.c/s=160	Qual=00	FePeak=22:41	#Peaks=1	dt= 7.7s	XEN=927012
BCS			WaveLength=1375A	Qual=5	Exp #=97404	Step=10"	Cad= 332s	1.024s/pixel
FCS						Step=5"	Pitch=+671", Yaw=-704"	
UVSP	22:26							
Event # = 12148			DOY=270			H.Ang=83deg		
89/09/27,23:59	Start	End times	SMM Pointing: S23W80			Pitch=+662", Yaw=-685", Roll=-20deg		
GOES	23:52	00:05	Importance=M2	Qual=01	Tot Cts=75288	Flags=M5		
HXRBS	23:52:53	00:00:33	Peak...c/s=1477	Qual=01	FePeak=00:03	#Peaks=1	dt= 7.7s	XEN=927013
BCS	23:52	00:04	CaPeak.c/s=236	Qual=1	Exp #=97411	Step=10"	Cad= 332s	1.024s/pixel
FCS			WaveLength=1375A	Code=00	Exp #=97411	Step=5"	Pitch=+670", Yaw=-706"	
UVSP	23:56		606/2500 14:15/62 2695/130	Associated	4995/81 8800/32	15400/82		
Radio			Frequency(MHz)/Flux(sfu):		Event # = 12147			
HXRBS	23:51:13	23:51:47	Peak...c/s=37	Qual=01	Tot Cts=162	MaxkeV=102	Pitch=+668", Yaw=-674"	
UVSP	23:54		WaveLength=1375A		Exp #=97410	Rast=265"x265"	Step=5"	
Event # = 12149			DOY=271			H.Ang=83deg		
89/09/28,01:55	Start	End times	SMM Pointing: S23W80			Pitch=+662", Yaw=-685", Roll=-20deg		
GOES	01:55:22	01:55:36	Peak...c/s=38	Qual=00	Tot Cts=153	MaxkeV=102	Pitch=+665", Yaw=-709"	
HXRBS	01:46		WaveLength=1375A	Qual=01	Exp #=97420	Rast=110"x200"	Step=5"	
UVSP	01:46							

Event # = 12150	DOY=271		SMM Pointing:	S23W80	Pitch=+662" ,Yaw=-685" ,Roll=-20deg	H. Ang=83deg
89/09/28,02:12	Peak	End times	Start			
GOES	02:10:10	02:10:46	02:10:57	Qual=03	dt= 7.7s	XEN=927100
HXRBS	01:22	02:12	02:17	Qual=01	#Peaks=3	
BCS				Qual= 2	Step=10"	Cad= 332s
FCS					Step=5"	Pitch=+669" ,Yaw=-709"
UVSP				WaveLength=1375A	Exp #=97422	
89/09/28,03:08	Peak	End times	Start			
GOES	02:55	03:08	03:49	Qual=00	dt= 7.7s	XEN=927101
HXRBS				Qual= 4	Step=10"	Cad= 332s
BCS					Step=5"	Pitch=+655" ,Yaw=-720"
FCS						
UVSP				WaveLength=1375A	Exp #=97425	
Event # = 12151	DOY=271		SMM Pointing:	S22W83	Pitch=+651" ,Yaw=-701" ,Roll=-20deg	H. Ang=86deg
89/09/28,03:36	Peak	End times	Start			
Optical	03:33	03:36	03:42	Qual=01	Carr. Lon.=61deg	H. Ang=83deg
GOES	03:32:43	03:33:12	03:35:17	Qual=01	Mac.=CK0	
HXRBS				Qual=01	MaxkeV=232	
BCS				Code=00	Rast=265"x265"	Pitch=+658" ,Yaw=-688"
FCS				WaveLength=1375A	Exp #=97428	
UVSP				Frequency(MHz)/Flux(sfu):	606/51	
89/09/28,04:27	Peak	End times	Start			
Event # = 12152	DOY=271		SMM Pointing:	S22W83	Pitch=+651" ,Yaw=-701" ,Roll=-20deg	H. Ang=86deg
89/09/28,04:27	Peak	End times	Start			
GOES	04:25:13	04:25:38	04:26:06	Qual=01	dt= 3.8s	XEN=927102
HXRBS	04:27	04:27	05:04	Qual=01	#Peaks=1	
BCS				Qual= 5	Step=10"	Cad= 332s
FCS					Step=5"	Pitch=+658" ,Yaw=-688"
UVSP				WaveLength=1375A	Exp #=97432	
89/09/28,05:07	Peak	End times	Start			
Event # = 12153	DOY=271		SMM Pointing:	S22W83	Pitch=+651" ,Yaw=-701" ,Roll=-20deg	H. Ang=86deg
89/09/28,05:07	Peak	End times	Start			
GOES	05:07:12	05:07:29	05:07:40	Qual=00	dt= 7.7s	XEN=927103
HXRBS				Qual=01	#Peaks=1	
BCS				Qual= 2	Step=15"	Cad= 262s
FCS					Step=5"	Pitch=+665" ,Yaw=-720"
UVSP				WaveLength=1375A	Exp #=97437	

Event # = 23304	DOY=271	End times	Qual=06	FePeak=06:08	Exp #=97442	dt= 7.7s	XEN=927104
89/09/28,06:08	Peak		Qual=1			Cad= 332s	1.024s/pixel
GOES	06:04	06:16	CaPeak.c/s=39	WaveLength=1375A		Pitch=+655"	Yaw=-700"
BCS	06:04	06:16					
FCS	06:04	06:16					
UVSP	06:04	06:16					
Event # = 12155	DOY=271	End times	S22W83				H.Ang=86deg
89/09/28,06:45	Peak						
GOES	06:43:58	06:45:02	Peak...c/s=58	WaveLength=1375A			
HXRBS	06:45	06:45					
UVSP	06:45	06:45					
Event # = 12156	DOY=271	End times	S22W83				H.Ang=86deg
89/09/28,08:23	Peak						
GOES	08:23:28	08:23:46	Peak...c/s=54	WaveLength=2788A			
HXRBS	07:33	07:33					
UVSP	07:33	07:33					
Radio Sweeps		Type/Intensity:	III/2				
Event # = 12617	DOY=271	End times	S22W83				H.Ang=86deg
89/09/28,09:52	Peak						
GOES	09:46	09:52	Importance=C7				
HXRBS	09:46:06	09:49:02	Peak...c/s=48				
BCS	09:49	09:50	CaPeak.c/s=293				
FCS	09:49	09:50					
UVSP	09:48	09:48	WaveLength=2788A	Code=00			
Event # = 23305	DOY=271	End times	Qual=03	FePeak=10:33	Exp #=97451	dt= 7.7s	XEN=927105
89/09/28,10:33	Peak		Qual=11			Cad= 3840s	3840s/pixel
GOES	10:33	10:34	CaPeak.c/s=26	WaveLength=2788A		Pitch=+530"	Yaw=-516"
BCS	10:33	10:34					
FCS	10:33	10:34					
UVSP	10:25	10:25					
Event # = 12618	DOY=271	End times	Qual=00				
89/09/28,11:14	Peak		Qual=01				
GOES	11:11:36	11:11:46	Peak...c/s=54				
HXRBS	11:12	11:14	CaPeak.c/s=24				
BCS	11:12	11:17					
FCS	11:12	11:17					
UVSP	11:18	11:18	WaveLength=2788A				
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
HXRBs 12:47 12:48 12:53
BCS 12:50
UVSP 12:50

Qual=01
Qual=01
Qual=1

MaxkeV=102 dt= 7.7s XEN=927108
FePeak.C/s=7 #Peaks=1
Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
Rast=180"x1" Step=0" Pitch=+530", Yaw=-516"

Tot Cts=133
FePeak=12:48
Exp #=97455

WaveLength=2788A

Event # = 12159
89/09/28, 13:48 DOY=271
Start Peak End times

Optical
GOES 13:41 13:48 13:53
HXRBs 13:44:16 13:44:58 13:45:12
UVSP 13:27
Radio Sweeps
Radio Frequency (MHz)/Flux(sfu):
606/150 2695/71

Ha...Class=1B S19E85
Importance=M4 Qual=02
Peak...c/s=189 Qual=03
WaveLength=2788A Code=01
I1/2 V/2
Associated Event # = 12158

HXRBS 13:41:23 13:41:52 13:42:01
BCS 13:37 13:37 13:44
FCS

Mac.=CK0 Carr. Lon.=50deg H. Ang=88deg
MaxkeV=275 Flags=ES
Rast=180"x1" Step=0" Pitch=+530", Yaw=-516"

MaxkeV=102
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
HXRBs 00:53:39 00:53:50 00:54:11
UVSP 00:40

S15E84
SMM Pointing:
Importance=C9
Peak...c/s=35
WaveLength=1375A

Pitch=-69", Yaw=+955", Roll=-20deg H. Ang=86deg

MaxkeV=102
Rast=265"x265" Step=5" Pitch=-61", Yaw=+968"

Tot Cts=133
Exp #=97482

Event # = 12161
89/09/29, 01:08 DOY=272
Start Peak End times

GOES 01:08:06 01:08:13 01:09:12
HXRBs 01:01
UVSP 01:01

S15E84
SMM Pointing:
Peak...c/s=74
WaveLength=1375A

Pitch=-69", Yaw=+955", Roll=-20deg H. Ang=86deg

MaxkeV=102
Rast=110"x200" Step=5" Pitch=+16", Yaw=+1001"

Tot Cts=959
Exp #=97485

Event # = 12162
89/09/29, 02:40 DOY=272
Start Peak End times

GOES 02:40:35 02:40:51 02:41:03
HXRBs 02:32
UVSP 02:32

S16E52
SMM Pointing:
Peak...c/s=39
WaveLength=1375A

Pitch=+58", Yaw=+799", Roll=-20deg H. Ang=57deg

MaxkeV=102
Rast=110"x200" Step=5" Pitch=+113", Yaw=+843"

Tot Cts=143
Exp #=97492

Event # = 12163
89/09/29, 05:17 DOY=272
Start Peak End times

GOES 05:17:10 05:17:47 05:18:05
HXRBs 05:15
UVSP 05:15

S16E51
SMM Pointing:
Peak...c/s=51
WaveLength=1375A

Pitch=+64", Yaw=+789", Roll=-20deg H. Ang=56deg

MaxkeV=102
Rast=265"x265" Step=5" Pitch=+74", Yaw=+797"

Tot Cts=517
Exp #=97504

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	H. Ang=93deg
HXRBS	11:33:13 11:33:14 13:26:33	Qual=04	Carr. Lon.=213deg	
GRS	11:33:00 11:54:00	Qual=14	Flags=M5, EN, IN, SA, IS	
UVSP	11:46		MaxkeV=860	Dur=1260sec
Radio	Frequency(MHz)/Flux(sfu):	245/6800 410/9000 606/3700 1415/5600 2695/18000 8800/15000 15400/6100	Rast=180"x1"	Step=0" Pitch=-37", Yaw=+680"
			Exp #=97523	
Event # = 12167	DOY=272	S16E46	Pitch=+92", Yaw=+736", Roll=-20deg	H. Ang=51deg
89/09/29, 15:12	Peak			
HXRBS	End times			
UVSP	15:12:44 15:12:46 15:12:58	Qual=01	MaxkeV=369	Flags=NS, GB
			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"	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"	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	Exp #=97537	

Event # = 23309
 89/09/29, 21:52 DOY=272
 Start Peak End times
 GOES 21:49 21:52 22:02 Qual=01
 BCS FePeak.c/s=10 #Peaks=1 dt= 3.8s XEN=927203
 FCS Rast=0"x0" Step=0" Cad=3840s 3840s/pixel
 UVSP 21:50 : Wavelength=1375A Exp #=97542 Rast=110"x200" 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 Qual=03 Importance=M2 #Peaks=1 dt= 7.7s XEN=927300
 BCS 02:36 02:56 03:13 CaPeak.c/s=285 Peak...c/s=285 Qual=01 Tot Cts=56500 Step=0" Cad=3840s 3840s/pixel
 FCS CaPeak.c/s=1456 Qual=1 FePeak=02:55 Step=1" Pitch=+137", Yaw=+629"
 UVSP 02:48 Wavelength=1375A Code=00 Exp #=97572
 Radio Frequency (MHz)/Flux(sfu): 1415/48 2695/66 4995/69 8800/36 15400/40
 Associated Event # = 23310
 BCS 03:51 03:53 04:44 CaPeak.c/s=73 Qual=5 FePeak=03:59
 FCS
 UVSP 03:54 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 05:29 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 05:29 Wavelength=1375A Exp #=97585

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 00:29 Peak...c/s=51 Qual=01 Tot Cts=4674
 Radio Frequency (MHz)/Flux(sfu): 245/490 Wavelength=2788A Code=00 Exp #=97615
 Rast=180"x1" Step=0" Pitch=+237", Yaw=+349"

Event # = 23311	DOY=274	89/10/01	18:21	Peak	AR5708	FePeak=18:20	H. Ang=26deg
Optical							
G0ES	18:38	18:01	18:21	18:38	AR5708	FePeak=18:20	H. Ang=26deg
BCS	18:20	18:20	18:21	18:27	AR5708	FePeak=18:20	H. Ang=26deg
FCS							
UVSP	17:56				Exp #=97637	Exp #=97637	
Event # = 23312	DOY=275	89/10/02	01:49	Peak	AR5712	FePeak=01:50	H. Ang=23deg
Optical							
G0ES	01:56	01:44	01:49	01:56	AR5712	FePeak=01:50	H. Ang=23deg
BCS							
FCS							
UVSP	01:33				Exp #=97647	Exp #=97647	
Event # = 2623	DOY=275	89/10/02	09:16	Peak	AR5712	FePeak=09:48	H. Ang=25deg
Optical							
G0ES	09:48	09:47	09:48	10:14	AR5712	FePeak=09:48	H. Ang=25deg
BCS							
FCS							
UVSP	09:27				Exp #=97665	Exp #=97665	
Event # = 23314	DOY=276	89/10/03	11:23	Peak	AR5721	FePeak=11:23	H. Ang=75deg
Optical							
G0ES	11:44	11:22	11:23	11:44	AR5721	FePeak=11:23	H. Ang=75deg
BCS							
FCS							
UVSP	10:58				Exp #=97667	Exp #=97667	
Event # = 23315	DOY=276	89/10/03	21:01	Peak	AR5721	FePeak=21:01	H. Ang=25deg
Optical							
G0ES	21:02	21:01	21:01	21:02	AR5721	FePeak=21:01	H. Ang=25deg
BCS							
FCS							
UVSP	21:16				Exp #=97724	Exp #=97724	
Event # = 23316	DOY=277	89/10/04	16:26	Peak	AR5721	FePeak=16:23	H. Ang=25deg
Optical							
G0ES	16:40	16:20	16:26	16:40	AR5721	FePeak=16:23	H. Ang=25deg
BCS							
FCS							
UVSP	16:25				Exp #=97748	Exp #=97748	

Event # = 23317			89/10/04, 16:57			DOY=277					
Start			Peak			End times					
GOES	16:57	16:57	17:06	17:06	16:57	16:57	17:06	16:57	17:06	16:57	17:06
BCS											
FCS											
UVSP	16:25										
FePeak.c/s=5			#Peaks=1			dt= 7.7s			XEN=927701		
Rast=240"x240"			Step=15"			Cad= 262s			1.024s/pixel		
Rast=243"x243"			Step=3"			Pitch=-384"			Yaw=+699"		
Wavelength=2788A											
SMM Pointing:			N28E53			Pitch=-390"			Yaw=+676"		
Roll=0deg											
Qual=00			Qual=5			FePeak=16:57					
HXRBS			20:13:22			20:14:06			Tot Cts=324		
UVSP			20:11			20:11			Exp #=97753		
MaxkeV=102			Flags=I			Pitch=-255"			Yaw=+853"		
Rast=180"x1"			Step=0"								
89/10/05			DOY=278								
Event # = 12170			89/10/05			DOY=278					
89/10/05, 03:26			03:26			03:26			03:26		
Start			Peak			End times					
GOES	03:15	03:15	03:53	03:53	03:33	03:33	03:53	03:33	03:53	03:33	03:53
BCS											
FCS											
UVSP	03:48										
SMM Pointing:			N28E48			Pitch=-304"			Yaw=+676"		
Roll=7deg											
Qual=00			Qual=3			FePeak=03:52					
HXRBS			03:26:54			03:26:57			Tot Cts=88		
UVSP			03:48			03:48			Exp #=97763		
Peak...c/s=38			Wavelength=2788A								
MaxkeV=633			Flags=NS,GB			Pitch=-170"			Yaw=+857"		
Rast=180"x1"			Step=0"								
89/10/05			DOY=278								
Event # = 22454			89/10/05			DOY=278					
89/10/05, 03:33			03:33			03:33			03:33		
Start			Peak			End times					
GOES	03:15	03:15	03:53	03:53	03:33	03:33	03:53	03:33	03:53	03:33	03:53
BCS											
FCS											
UVSP	03:48										
SMM Pointing:			N15E59			Carr. Lon.=347deg			H. Ang=58deg		
Roll=0deg											
Qual=00			Qual=4			FePeak=06:54					
HXRBS			06:32			06:46			Tot Cts=177		
UVSP			06:09			06:09			Exp #=97766		
Ha...Class=SF			Importance=C4			CaPeak.c/s=115			FePeak=12:13		
CaPeak.c/s=18			Wavelength=2788A			Code=00			Exp #=97773		
MaxkeV=102			Flags=I			Pitch=-375"			Yaw=+630"		
Rast=240"x240"			Step=15"			Cad= 262s			1.024s/pixel		
Rast=243"x243"			Step=3"			Pitch=-170"			Yaw=+857"		
89/10/05			DOY=278								
Event # = 23318			89/10/05			DOY=278					
89/10/05, 07:04			07:04			07:04			07:04		
Start			Peak			End times					
Optical	06:32	06:32	07:45	07:45	07:04	07:04	07:45	07:04	07:45	07:04	07:45
GOES											
BCS											
FCS											
UVSP	06:09										
SMM Pointing:			N28E44			Pitch=-379"			Yaw=+589"		
Roll=0deg											
Qual=00			Qual=5			FePeak=12:13					
HXRBS			12:10:25			12:10:58			Tot Cts=177		
UVSP			12:13			12:13			Exp #=97773		
FePeak.c/s=13			Flags=I			Pitch=-371"			Yaw=+596"		
Rast=240"x240"			Step=15"			Cad= 262s			1.024s/pixel		
Rast=265"x265"			Step=5"			Pitch=-371"			Yaw=+596"		
Mac.=FAI			Carr. Lon.=344deg			H. Ang=47deg					
MaxkeV=102			Flags=I			Pitch=-255"			Yaw=+853"		
Rast=180"x1"			Step=0"								
89/10/05			DOY=278								
Event # = 12169			89/10/05			DOY=278					
89/10/05, 12:13			12:13			12:13			12:13		
Start			Peak			End times					
Optical	12:10:25	12:10:25	12:11:04	12:11:04	12:10:25	12:10:25	12:11:04	12:10:25	12:11:04	12:10:25	12:11:04
Optical											
GOES											
HXRBS	12:10:25	12:10:25	12:11:04	12:11:04	12:10:25	12:10:25	12:11:04	12:10:25	12:11:04	12:10:25	12:11:04
BCS											
FCS											
UVSP	12:16										
SMM Pointing:			N30E43			Pitch=-379"			Yaw=+589"		
Roll=0deg											
Qual=00			Qual=5			FePeak=12:13					
HXRBS			12:10:25			12:10:58			Tot Cts=177		
UVSP			12:13			12:13			Exp #=97773		
FePeak.c/s=13			Flags=I			Pitch=-371"			Yaw=+596"		
Rast=240"x240"			Step=15"			Cad= 262s			1.024s/pixel		
Rast=265"x265"			Step=5"			Pitch=-371"			Yaw=+596"		
Mac.=FAI			Carr. Lon.=344deg			H. Ang=47deg					
MaxkeV=102			Flags=I			Pitch=-255"			Yaw=+853"		
Rast=180"x1"			Step=0"								

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	Qual=5	FePeak=12:44	Exp #=97774	dt= 7.7s	XEN=927803
GOES															
BCS															
FCS															
UVSP															
Event # = 12171		DOY=278													
89/10/05,13:43	Start	13:43	Peak	13:39:20	End times	13:52		13:43	AR5716	N10W08		13:40:36	Tot Cts=336	Pitch=-378", Yaw=+579", Roll=0deg	H. Ang=46deg
Optical															
GOES															
HXRBS															
UVSP															
Radio															
Event # = 23320		DOY=278													
89/10/05,14:22	Start	14:22	Peak	14:18	End times	14:34		14:22	FePeak=14:21	Qual=00	Qual=8	FePeak=14:21	Exp #=97776	dt= 7.7s	XEN=927804
GOES															
BCS															
FCS															
UVSP															
Event # = 23321		DOY=278													
89/10/05,19:12	Start	19:12	Peak	18:34	End times	19:35		19:12	AR5721	N30E39		19:10	FePeak=19:08	Carr. Lon.=1deg	H. Ang=44deg
Optical															
GOES															
BCS															
FCS															
UVSP															
Event # = 23322		DOY=279													
89/10/06,02:10	Start	02:10	Peak	02:10	End times	02:20		02:10	FePeak=02:10	Qual=00	Qual=6	FePeak=02:10	Exp #=97792	dt= 7.7s	XEN=927900
GOES															
BCS															
FCS															
UVSP															
Event # = 23323		DOY=279													
89/10/06,06:50	Start	06:50	Peak	06:50	End times	06:54		06:50	FePeak=06:50	Qual=05	Qual=5	FePeak=06:50	Exp #=97798	dt= 7.7s	XEN=927901
GOES															
BCS															
FCS															
UVSP															

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	#Peaks=1 dt= 7.7s XEN=927902
UVSP								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		Mac.=FAI
HXRBS					Peak...c/s=47	Qual=01	Tot Cts=309	Carr. Lon.=0deg
BCS					CaPeak.c/s=61	Qual= 1	FePeak=17:47	#Peaks=1 dt= 3.8s XEN=927903
FCS							Exp #=97817	Step=10" Cad= 332s 1.024s/pixel
UVSP								Step=5" Pitch=-388" ,Yaw=+499"
								Pitch=-397" ,Yaw=+414" ,Roll=0deg
Event # = 23325	89/10/07, 04:12		DOY=280	Peak				
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	MaxkeV=102
UVSP								FePeak.c/s=15
								Rast=180" x180"
								Rast=30" x30" Pitch=-388" ,Yaw=+499"
Event # = 23326	89/10/07, 04:41		DOY=280	Peak				
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	MaxkeV=102
UVSP								FePeak.c/s=8
								Rast=180" x180"
								Rast=10" x10" Pitch=-328" ,Yaw=+420"
Event # = 23327	89/10/07, 05:41		DOY=280	Peak				
Optical	Start	05:41	05:41	05:59	CaPeak.c/s=29	Qual=06	AR5728	
GOES					Wavelength=1375A	Qual= 5		Mac.=CAO
BCS							FePeak=05:41	Carr. Lon.=329deg
FCS							Exp #=97850	Flags=I
UVSP								Step=0" Pitch=-388" ,Yaw=+462"
								FePeak.c/s=7
								Rast=240" x240"
								Rast=10" x10" Pitch=-388" ,Yaw=+462"
Event # = 12625	89/10/09, 02:18		DOY=282	Peak				
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	Qual=01	Exp #=97923	Flags=I
								Step=0" Pitch=-252" ,Yaw=-74"

Event # = 12626	DOY=282	Start	End times	Qual=00	Tot Cts=946	MaxkeV=144	Flags=I	Pitch=-252"	Yaw=-50"
89/10/09, 03:12:25	Peak	03:12:49	03:14:15	Qual=01	Exp #=97924	Rast=180"x1"	Step=0"		
GOES									
HXRBS									
UVSP									
Event # = 12173	DOY=282	Start	End times	N30W65	AR5714	Mac.=CAO	Carr. Lon.=49deg	H. Ang=65deg	
89/10/09, 23:32:32	Peak	23:31:55	23:32:04	Qual=00	Tot Cts=122	MaxkeV=102	Step=0"	Pitch=-255"	Yaw=-236"
Optical									
GOES									
HXRBS									
UVSP									
Event # = 12174	DOY=283	Start	End times	N32E05	AR5725	Mac.=CAO	Carr. Lon.=337deg	H. Ang=26deg	
89/10/10, 04:02:02	Peak	04:02	04:07	Qual=01	Tot Cts=1605	MaxkeV=144	Step=3"	Pitch=-395"	Yaw=-153"
Optical									
GOES									
HXRBS									
UVSP									
Radio									
Event # = 12176	DOY=283	Start	End times	Importance=C4	Tot Cts=1308	MaxkeV=144	Step=0"	Pitch=-387"	Yaw=-160"
89/10/10, 07:21:07	Peak	07:12	07:25	Qual=01	Exp #=98008	Rast=10"x10"			
GOES									
HXRBS									
UVSP									
Event # = 12177	DOY=283	Start	End times	Importance=C4	Tot Cts=1137	MaxkeV=102	Flags=SA	Pitch=+398"	Yaw=+242"
89/10/10, 08:24:08	Peak	08:19	08:30	Qual=01	Exp #=98012	Rast=70"x70"	Step=5"		
GOES									
HXRBS									
UVSP									
Event # = 12178	DOY=283	Start	End times	Importance=C2	Tot Cts=3413	MaxkeV=114	#Peaks=1	dt= 3.8s	XEN=928300
89/10/10, 20:32:20	Peak	20:29:16	20:30:01	Qual=01	FePeak=20:31	FePeak.c/s=15	Step=10"	Cad= 332s	1.024s/pixel
GOES									
HXRBS*									
BGS									
FCS									
UVSP									
Radio									

89/10/11 DOY=284

Event # = 12179 DOY=284
 89/10/11,01:22 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 01:20 01:21 01:24 Wavelength=2788A
 UVSP 01:39 Exp #=98034
 #Peaks=1 dt= 7.7s XEN=928400
 Step=15" Cad= 262s 1.024s/pixel
 Step=0" Pitch=+110",Yaw=+862"

Event # = 12627 DOY=284
 89/10/11,02:38 Start Peak End times
 Optical
 GOES 02:33:03 02:33:08 02:33:48 Ha...Class=SN N36W00 AR5725 Carr. Lon.=330deg H. Ang=30deg
 HXRBS* 02:33:03 02:33:08 02:33:48 Peak...c/s=133 Qual=01 MaxkeyV=88
 BCS 02:38 02:38 02:42 CaPeak.c/s=21 Qual= 4 FePeak.c/s=7 FePeak.c/s=11 Rast=240"x240"
 FCS 02:38 02:38 02:42 Wavelength=2788A Wave length=2788A Tot Cts=1240 FePeak=01 dt= 7.7s XEN=928401
 UVSP 02:16 Frequency(MHz)/Flux(sfu): 245/760 410/95 Exp #=98035 Step=15" Cad= 262s 1.024s/pixel
 Radio Rast=180"x1" Step=0" Pitch=+110",Yaw=+862"

Event # = 12180 DOY=284
 89/10/11,04:55 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 Peak...c/s=79 Qual=01 FePeak.c/s=7 FePeak.c/s=14 Rast=240"x240"
 UVSP 04:45 Wave length=1375A Code=00 Exp #=98045 Step=0" Pitch=+305",Yaw=+893"

Event # = 12182 DOY=284
 89/10/11,22:38 Start Peak End times
 GOES 22:36:07 22:38:11 22:38:42 Peak...c/s=66 Qual=00 Carr. Lon.=327deg H. Ang=30deg
 HXRBS* 22:36:07 22:38:11 22:38:42 Wavelength=2788A Wave length=2788A Tot Cts=1044 FePeak=88
 UVSP 22:59 Exp #=98076 Step=0" Pitch=+185",Yaw=+814"

Event # = 12181 DOY=284
 89/10/11,23:07 Start Peak End times
 GOES 22:28:46 22:29:48 22:30:53 Peak...c/s=275 Qual=00 MaxkeyV=88
 HXRBS* 22:28:46 22:29:48 22:30:53 CaPeak.c/s=107 Qual= 6 FePeak.c/s=14 Rast=180"x1"
 BCS 22:14 23:07 23:10 Wavelength=2788A Wave length=2788A Tot Cts=7383 FePeak=22:38
 FCS 23:08 Type/Intensity: III/2 Exp #=98076 Step=0" Pitch=+185",Yaw=+814"
 UVSP 22:59 Radio Sweeps
 Radio Frequency(MHz)/Flux(sfu): 1415/18 2695/53 4995/44

Event # = 23328 DOY=284
 89/10/11,23:38 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 23:37 Wavelength=2788A Code=00 Exp #=98077
 UVSP 23:37 #Peaks=1 dt= 7.7s XEN=928403
 Step=15" Cad= 262s 1.024s/pixel
 Step=0" Pitch=+185",Yaw=+813"

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 Type/Intensity: III/1
 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" Step=0" Pitch=+249", Yaw=+779"

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 Peak...c/s=69 Qual=01 Mac.=CAO
 Radio Sweeps Wavelength=1375A Tot Cts=1052 MaxkeV=114
 Radio Frequency(MHz)/Flux(sfu): 245/680 410/150 606/240 Exp #=98089 Rast=70"x70" Step=5" Pitch=+322", Yaw=+869"
 HXRBS* 09:28:57 09:30:34 09:31:02 Associated Event # = 12184
 Qual=01 Tot Cts=953 MaxkeV=114

Event # = 23329
 89/10/12, 15:08 DOY=285
 Start Peak End times
 Optical
 GOES 15:01 15:08 15:25 Carr. Lon.=355deg H. Ang=49deg
 BCS 15:01 15:10 15:52 FePeak=15:10 #Peaks=1 dt= 7.7s XEN=928500
 FCS Wavelength=1375A Code=02 Exp #=98097 Step=10" Cad= 332s 1.024s/pixel
 UVSP 15:08 FePeak.c/s=24 Rast=180"x180" 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 FePeak=16:55 #Peaks=2 dt= 7.7s XEN=928501
 BCS 17:06 CaPeak.c/s=42 Qual=1 FePeak=16:55 Step=15" Cad= 262s 1.024s/pixel
 UVSP 16:39 Peak3...c/s=12 Exp #=98099 Step=5" Pitch=+328", Yaw=+843"
 Wavelength=1375A

Event # = 23331
 89/10/12, 18:13 DOY=285
 Start Peak End times
 GOES 18:10 18:13 18:19 FePeak=18:11 #Peaks=1 dt= 7.7s XEN=928502
 BCS UVSP 17:55 CaPeak.c/s=27 Qual=1 FePeak=18:11 Step=10" Cad= 332s 1.024s/pixel
 Wavelength=2788A Exp #=98100 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 Carr. Lon.=245deg H. Ang=65deg
 HXRBS* 18:54:15 18:54:23 18:54:40 Mac.=EAI
 UVSP 18:48 Peak...c/s=53 Qual=01 MaxkeV=62
 Wavelength=2788A Code=00 Tot Cts=137 Rast=180"x1" Step=0" Pitch=+327", Yaw=+691"

Event # = 12187		DOY=285													
89/10/12, 23:27	Start	23:25:08	23:25:54	23:26:09	23:26:09	23:27	23:29	Qual=03							
GOES		HXRBS*		Peak...c/s=53				Qual=01	Tot Cts=287						
BCS		23:22	23:27	CaPeak.c/s=37				Qual= 2	FePeak=23:23						
FCS		23:24		Wavelength=2788A					Exp #=98107						
UVSP		Radio Sweeps		Type/Intensity:	III/2										
Event # = 23332		DOY=286													
89/10/13, 00:00	Start	00:00	00:00	01:03	00:37										
GOES		23:38		Ha...Class=2N				N17W36	AR5745						
BCS		00:26	00:29	Importance=M1				Qual=05							
FCS		00:01		CaPeak.c/s=22				Qual= 4	FePeak=00:27						
UVSP		Radio Sweeps		Wavelength=2788A				Code=02	Exp #=98108						
Event # = 12188		DOY=286													
89/10/13, 01:59	Start	02:00:16	02:00:30	02:01:47	02:31										
GOES		HXRBS*		Peak...c/s=45				Qual=00	Tot Cts=471						
BCS		01:44	01:59	CaPeak.c/s=76				Qual= 1	FePeak=01:52						
FCS		01:32		Wavelength=2788A					Exp #=98110						
UVSP		Radio Sweeps		Type/Intensity:	III/2										
Event # = 23333		DOY=286													
89/10/13, 03:05	Start	02:55	03:05	03:19	03:23										
GOES		02:55		Importance=M1				Qual=05	FePeak=03:20						
BCS		03:19	03:20	CaPeak.c/s=23				Qual= 5	Exp #=98112						
FCS		03:03		Wavelength=2788A				Code=00							
UVSP		Radio Sweeps		Type/Intensity:	III/2										
Event # = 12189		DOY=286													
89/10/13, 03:52	Start	03:52:23	03:52:42	03:52:50	03:52:50										
GOES		HXRBS*		Peak...c/s=50				Qual=00	Tot Cts=91						
BCS		03:58		Wavelength=2788A				Qual=01	Exp #=98113						
UVSP		Radio Sweeps		Type/Intensity:	III/2										
Event # = 12190		DOY=286													
89/10/13, 06:12	Start	05:00	06:12	08:30	05:35:54										
GOES		05:00		Importance=M4				Qual=02	FePeak=05:33						
HXRBS*		04:43:23	05:25:04	Peak...c/s=115				Qual=04	Exp #=98115						
BCS		05:12	05:33	CaPeak.c/s=773				Qual= 2	8800/42						
FCS		05:12	05:16	Peak3...c/s=2062					Event # = 23334						
UVSP		06:20		Wavelength=2788A				Code=02	FePeak=06:31						
Radio		Frequency(MHz)/Flux(sfu)		1415/58 2695/150				4995/100	Exp #=98115						
BCS		06:29	06:31	07:06				Associated	Event # = 23334						
FCS		06:29		CaPeak.c/s=945				Qual= 5	FePeak=06:31						

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"	1.024s/pixel	
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", Yaw=+13"
UVSP							Rast=70"x70"		

Event # = 12193	DOY=286	Start	Peak	End times	Qual=00	Tot Cts=1028	MaxkeV=165	Pitch=+4"	Yaw=+5"
89/10/13, 23:35					Qual=01	Exp #=98144	Rast=180"x1"		
GOES									
HXRBS*	23:34:52	23:35:04	23:35:34		Peak...c/s=94				
UVSP	23:23				Wavelength=2788A				
Radio	Frequency(MHz)/Flux(sfu):		245/720	410/290					
89/10/14 DOY=287									
Event # = 23341	DOY=287	Start	Peak	End times	Qual=00	FePeak=00:31	FePeak.c/s=8	#Peaks=1	XEN=928700
89/10/14, 00:31					Qual=5	Exp #=98146	Rast=180"x180"	Step=10"	Cad= 332s
GOES							Rast=180"x1"	Step=0"	Pitch=+283", Yaw=+802"
BCS	00:31	00:31	00:36		CaPeak.c/s=18				
FCS					Wavelength=2788A				
UVSP	00:20								
Event # = 12628	DOY=287	Start	Peak	End times	Qual=00	Tot Cts=191	MaxkeV=62	Flags=I	XEN=928701
89/10/14, 04:13					Qual=4	FePeak=04:13	FePeak.c/s=9	#Peaks=1	dt= 7.7s
GOES							Rast=240"x240"	Step=15"	Cad= 262s
HXRBS*	04:12:21	04:12:37	04:12:57		Peak...c/s=54	Exp #=98150	Rast=243"x243"	Step=3"	Pitch=+543", Yaw=+811"
BCS	04:13	04:13	04:15		CaPeak.c/s=27				
FCS					Wavelength=2788A				
UVSP	03:35								
Event # = 12629	DOY=287	Start	Peak	End times	Qual=00	Tot Cts=3480	Mac.=CS0	Carr. Lon.=278deg	H. Ang=14deg
89/10/14, 05:09					Qual=01	Exp #=98151	MaxkeV=165	Flags=I	
Optical							Rast=265"x265"	Step=5"	Pitch=+411", Yaw=+885"
GOES					Ha...Class=SF				
HXRBS*	05:09:11	05:09:26	05:11:42		Peak...c/s=175				
UVSP	05:06				Wavelength=1375A				
Radio	Sweeps		Type/Intensity:	111/3					
Radio	Frequency(MHz)/Flux(sfu):		245/180	410/510					
Event # = 12197	DOY=287	Start	Peak	End times	Qual=00	Tot Cts=2228	Mac.=CS0	Carr. Lon.=360deg	H. Ang=71deg
89/10/14, 07:02					Qual=01	Exp #=98164	MaxkeV=114	Step=0"	Pitch=+403", Yaw=+838"
Optical							Rast=10"x10"		
GOES	06:58	07:02	07:05		Ha...Class=SF				
HXRBS*	06:58:39	06:59:37	07:00:12		Importance=C3				
UVSP	06:55				Peak...c/s=136				
Radio	Sweeps		Type/Intensity:	111/3					
Radio	Frequency(MHz)/Flux(sfu):		245/180	410/510					
Event # = 12198	DOY=287	Start	Peak	End times	Qual=00	Tot Cts=221	MaxkeV=114	Step=0"	Pitch=+443", Yaw=+778"
89/10/14, 07:11					Qual=01	Exp #=98166	Rast=10"x10"		
GOES									
HXRBS*	07:11:16	07:11:21	07:11:30		Peak...c/s=77				
UVSP	07:09				Wavelength=1375A				

Event # = 12199		89/10/14,07:14		DOY=287		Peak		End times	
Start		07:14:20		07:14:57		07:15:24			
GOES	HXRBS*	07:14:20	07:14:57	07:15:24	Peak...c/s=66	Qual=00	Tot Cts=718	Flags=ND	Pitch=+443", Yaw=+778"
UVSP	07:09	07:09	07:09	07:09	Wavelength=1375A	Qual=01	Exp #=98166	Step=0"	
Radio Sweeps	Type/Intensity:	III/2		III/2					
Event # = 12200		89/10/14,08:39		DOY=287		Peak		End times	
Start		08:35		08:39		08:42			
Optical	GOES	08:35	08:39	08:42	Ha...Class=SF	S16E39	AR5740	Mac.=EKO	Carr.Lon.=248deg H.Ang=44deg
HXRBS*	08:34:32	08:34:32	08:37:26	08:42:50	Importance=C5	Qual=01	Tot Cts=34478	MaxkeV=298	#Peaks=1 dt= 7.7s XEN=928702
BCS	08:38	08:38	08:38	08:40	Peak...c/s=867	Qual=01	FePeak=08:38	Rast=240"x240"	Step=15" Cad= 262s 1.024s/pixel
FCS	08:38	08:38	08:38	08:40	CaPeak.c/s=25	Qual= 4	Exp #=98170	Rast=70"x70"	Step=5" Pitch=+411", Yaw=+885"
UVSP	08:12	08:12	08:12	08:40	Wavelength=1375A	Code=00			
Radio Sweeps	Type/Intensity:	III/1		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	08:47	CaPeak.c/s=29	Qual= 4	FePeak=08:43	FePeak.c/s=9	#Peaks=1 dt= 7.7s XEN=928703
FCS	08:43	08:44	08:47	08:47	Associated Event # = 23342			Rast=240"x240"	Step=15" Cad= 262s 1.024s/pixel
Event # = 12195		89/10/14,11:13		DOY=287		Peak		End times	
Start		11:08		11:13		11:15			
GOES	HXRBS*	11:08	11:13	11:15	Importance=C4	Qual=02	Tot Cts=3846	MaxkeV=140	Flags=M5, EG
UVSP	11:11:03	11:11:03	11:11:53	11:12:08	Peak...c/s=141	Qual=03	Exp #=98173	Rast=265"x265"	Step=5" Pitch=+411", Yaw=+885"
Radio Sweeps	Type/Intensity:	V/2		V/2					
Radio	Frequency(MHz)/Flux(sfu):	245/1400		410/190		245/1400		410/190	
HXRBS*	11:08:37	11:09:10	11:09:34	11:09:34	Peak...c/s=167	Qual=01	Tot Cts=2547	MaxkeV=140	
Radio	Frequency(MHz)/Flux(sfu):	1415/22		2695/32		4995/45 8800/67 15400/31		Associated Event # = 12194	
Event # = 12196		89/10/14,13:07		DOY=287		Peak		End times	
Start		13:06:30		13:07:35		13:08:01			
GOES	HXRBS*	13:06:30	13:07:35	13:08:01	Peak...c/s=104	Qual=00	Tot Cts=1288	MaxkeV=114	Pitch=+411", Yaw=+885"
UVSP	12:47	12:47	12:47	12:47	Wavelength=1375A	Qual=01	Exp #=98176	Rast=70"x70"	Step=5"
Event # = 12201		89/10/14,14:50		DOY=287		Peak		End times	
Start		14:49:32		14:50:34		14:51:09			
GOES	HXRBS*	14:49:32	14:50:34	14:51:09	Peak...c/s=67	Qual=00	Tot Cts=3440	MaxkeV=114	Flags=ND
Radio Sweeps	Type/Intensity:	III/1		III/1					
Radio	Frequency(MHz)/Flux(sfu):	245/240		410/220					

Event # = 12202
 89/10/14 17:52 DOY=287
 Start Peak End times
 Optical
 GOES 17:49 17:52 17:59
 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 Step=5" Pitch=+333", Yaw=+918"
 V/3 Rast=110"x200" Dur=60sec
 Type/Intensity: #Peaks=1 dt= 3.8s XEN=928704
 FePeak.c/s=17 Cad= 262s 1.024s/pixel
 CaPeak.c/s=99 Rast=240"x240" Step=15"
 #Peaks=1 dt= 3.8s XEN=928704
 FePeak.c/s=17 Cad= 262s 1.024s/pixel
 CaPeak.c/s=99 Rast=110"x200" Step=5" Pitch=+465", Yaw=+844"

Event # = 12203
 89/10/14 19:00 DOY=287
 Start Peak End times
 Optical
 GOES 18:57 19:00 19:02
 HXRBS* 18:57:53 18:58:45 18:59:41
 BCS 18:58 19:00 19:04
 FCS
 UVSP 18:53
 Radio Sweeps
 Radio Frequency(MHz)/Flux(sfu): 245/3400 410/100 2695/62 4995/170 8800/66
 Ha...Class=1B S18E27 Carr. Lon.=253deg H. Ang=36deg
 Importance=C3 AR5740 Mac.=EKO
 Peak...c/s=44 Qual=01 Tot Cts=589
 CaPeak.c/s=99 Qual=01 FePeak=18:59 Maxkev=114
 #Peaks=1 dt= 3.8s XEN=928704
 FePeak.c/s=17 Cad= 262s 1.024s/pixel
 CaPeak.c/s=99 Rast=240"x240" Step=15"
 #Peaks=1 dt= 3.8s XEN=928704
 FePeak.c/s=17 Cad= 262s 1.024s/pixel
 CaPeak.c/s=99 Rast=110"x200" Step=5" Pitch=+283", Yaw=+802"

Event # = 12204
 89/10/14 21:15 DOY=287
 Start Peak End times
 Optical
 GOES 21:10 21:15 21:18
 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=1F S16W77 Carr. Lon.=356deg H. Ang=76deg
 Importance=C3 AR5723 Mac.=CS0
 Peak...c/s=131 Qual=01 Tot Cts=969
 Wavelength=2788A Code=00 Exp #=98204
 I1I/1 Maxkev=88
 Rast=180"x1" Step=0" Pitch=+283", Yaw=+802"

Event # = 12630
 89/10/14 22:33 DOY=287
 Start Peak End times
 Optical
 GOES 22:28 22:33 22:35
 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=SN S26E67 Carr. Lon.=212deg H. Ang=72deg
 Importance=M1 AR5747
 Peak...c/s=64 Qual=03 Tot Cts=69500
 Wavelength=2788A Code=00 Exp #=98206
 I1I/1 Maxkev=245
 Rast=240"x240" Step=15" dt= 3.8s XEN=928705
 #Peaks=1 EN Cad= 262s 1.024s/pixel
 Step=0" Pitch=+283", Yaw=+802"

Event # = 12631
 89/10/14 22:42 DOY=287
 Start Peak End times
 Optical
 GOES 22:39 22:42 22:53
 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
 Wavelength=2788A Code=00 Exp #=98206
 I1I/1 Maxkev=245
 Rast=240"x240" Step=15" dt= 3.8s XEN=928705
 #Peaks=1 EN 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
 MaxkeV=114
 Rast=110"x200" Pitch=+488", Yaw=+918"

Event # = 23347																				
89/10/15,13:55	Start																			
	Optical	GOES	13:35	14:03																
		BCS	13:35	14:03	Ha...Class=SF	S16E67	AR5748	AR5748	Mac.=BX0	Carr.Lon.=204deg	H.Ang=70deg									
		FCS	13:35	14:03	CaPeak.c/s=57	Qual=03	FePeak=13:53	FePeak=13:53	FePeak.c/s=8	#Peaks=1	dt= 3.8s	XEN=928803								
		UVSP	13:45	14:03	WaveLength=1375A	Qual= 3	Exp #=98254	Exp #=98254	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel								
			13:45	14:03					Rast=110"x200"	Step=5"	Pitch=+333"	Yaw=+918"								
Event # = 12208																				
89/10/15,14:30	Start																			
	Optical	GOES	14:23	14:44	Ha...Class=IN	S14E21	AR5740	AR5740	Mac.=EK1	Carr.Lon.=249deg	H.Ang=29deg									
		HXRBS*	14:32:58	14:35:08	Importance=M2	Qual=05	Tot Cts=383	Tot Cts=383	MaxkeV=114											
		UVSP	14:37	14:37	Peak...c/s=42	Qual=01	Exp #=98255	Exp #=98255	Rast=265"x265"	Step=5"	Pitch=+411"	Yaw=+885"								
			14:37	14:37	WaveLength=1375A	Code=02														
Event # = 23348																				
89/10/15,22:54	Start																			
	Optical	GOES	22:48	23:00	Ha...Class=SF	S25E53	AR5747	AR5747	Mac.=DK0	Carr.Lon.=213deg	H.Ang=60deg									
		BCS	22:50	23:01	Importance=C2	Qual=01	FePeak=22:53	FePeak=22:53	FePeak.c/s=18	#Peaks=1	dt= 3.8s	XEN=928804								
		FCS	22:50	23:01	CaPeak.c/s=73	Qual= 1	Exp #=98298	Exp #=98298	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel								
		UVSP	22:53	23:01	WaveLength=1375A	Code=00			Rast=110"x200"	Step=5"	Pitch=+441"	Yaw=+739"								
Event # = 12209																				
89/10/16,04:19	Start																			
	Optical	GOES	04:18:43	04:20:06	Ha...Class=SF	N13W07	AR5736	AR5736	Mac.=DAO	Carr.Lon.=270deg	H.Ang=10deg									
		HXRBS*	04:18:43	04:20:06	Peak...c/s=140	Qual=05	Tot Cts=2899	Tot Cts=2899	MaxkeV=140											
		UVSP	04:20	04:20	WaveLength=1375A	Qual=01	Exp #=98307	Exp #=98307	Rast=265"x265"	Step=5"	Pitch=+482"	Yaw=+679"								
		Radio Sweeps			Type/Intensity: III/3															
Event # = 12210																				
89/10/16,15:13	Start																			
	Optical	GOES	15:01:37	15:05:22	Ha...Class=SF	Qual=06														
		HXRBS*	15:01:37	15:05:22	Peak...c/s=256	Qual=01	Tot Cts=6844	Tot Cts=6844	MaxkeV=114	#Peaks=1	dt= 7.7s	XEN=928900								
		BCS	15:04	15:40	CaPeak.c/s=264	Qual= 1	FePeak=15:12	FePeak=15:12	FePeak.c/s=49	Step=10"	Cad= 332s	1.024s/pixel								
		FCS	15:40	15:40	WaveLength=2788A		Exp #=98342	Exp #=98342	Rast=180"x180"	Step=0"	Pitch=+361"	Yaw=+534"								
		UVSP	15:40	15:40	WaveLength=2788A		Event # = 12211	Event # = 12211	MaxkeV=62											
		HXRBS*	15:09:24	15:13:00	Peak...c/s=57	Qual=01	Tot Cts=2630	Tot Cts=2630	Rast=180"x1"	Step=0"	Pitch=+361"	Yaw=+539"								
		UVSP	14:46	15:13:00	WaveLength=2788A		Exp #=98341	Exp #=98341												
Event # = 23349																				
89/10/16,19:33	Start																			
	Optical	GOES	19:30	19:42	Ha...Class=SF	Qual=05														
		BCS	19:30	19:42	CaPeak.c/s=55	Qual= 5	FePeak=19:30	FePeak=19:30	FePeak.c/s=7	#Peaks=1	dt= 3.8s	XEN=928901								
		FCS	19:35	19:35	Peak3...c/s=64	Qual=01	Exp #=98347	Exp #=98347	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel								
		UVSP	19:20	19:35	WaveLength=2788A				Rast=180"x1"	Step=0"	Pitch=+430"	Yaw=+449"								

Event # = 12212		DOY=289													
89/10/16	22:39	Start	Peak	End times											
GOES				Qual=00											
HXRBS*	22:39:28	22:39:38	22:40:05	Peak...c/s=44	Peak...c/s=84	Tot Cts=147	MaxkeV=62	Step=5"	Pitch=+459"	Yaw=+593"					
UVSP	22:39			Wavelength=1375A	CaPeak.c/s=102	Exp #=98360	Rast=30"x30"								
Event # = 12213		DOY=289													
89/10/16	22:58	Start	Peak	End times											
GOES				Qual=01											
HXRBS*	22:52:37	22:53:11	22:54:30	Peak...c/s=84	Peak...c/s=84	Tot Cts=2034	MaxkeV=88	#Peaks=1	dt= 3.8s	XEN=928902					
BCS	22:53	22:58	23:18	CaPeak.c/s=102	CaPeak.c/s=102	FePeak=22:56	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel					
FCS				Wavelength=1375A	Wavelength=1375A	Exp #=98362	Rast=30"x30"	Step=5"	Pitch=+459"	Yaw=+592"					
UVSP	22:51			Associated	Associated	Event # = 12214	MaxkeV=62								
HXRBS*	23:06:38	23:06:46	23:06:55	Peak...c/s=46	Peak...c/s=46	Tot Cts=134	Rast=30"x30"	Step=5"	Pitch=+455"	Yaw=+595"					
UVSP	23:01			Wavelength=1375A	Wavelength=1375A	Exp #=98364									
Event # = 12215		DOY=290													
89/10/17	00:40	Start	Peak	End times											
Optical				Ha...Class=SF	Ha...Class=SF	AR5728	Mac.=DAO	Carr. Lon.=332deg	H. Ang=80deg						
GOES	00:35	00:40	00:45	Importance=C3	Importance=C3		MaxkeV=62	#Peaks=1	dt= 7.7s	XEN=929000					
HXRBS*	00:41:26	00:41:27	00:41:55	Peak...c/s=44	Peak...c/s=44	Tot Cts=105	FePeak.c/s=7	Step=15"	Cad= 262s	1.024s/pixel					
BCS	00:33	00:33	00:41	CaPeak.c/s=19	CaPeak.c/s=19	FePeak=00:38	Rast=240"x240"	Step=5"	Pitch=+461"	Yaw=+586"					
FCS				Wavelength=1375A	Wavelength=1375A	Exp #=98373									
UVSP	00:33			Code=00	Code=00										
Event # = 12216		DOY=290													
89/10/17	02:04	Start	Peak	End times											
Optical				Ha...Class=SN	Ha...Class=SN	AR5747	Mac.=DKI	Carr. Lon.=209deg	H. Ang=53deg						
GOES	02:00	02:04	02:09	Importance=C2	Importance=C2		MaxkeV=140	#Peaks=2	dt= 3.8s	XEN=929001					
HXRBS*	02:01:31	02:02:00	02:03:15	Peak...c/s=202	Peak...c/s=202	Tot Cts=4243	FePeak.c/s=17	Step=10"	Cad= 332s	1.024s/pixel					
BCS	02:04	02:04	02:31	CaPeak.c/s=65	CaPeak.c/s=65	FePeak=02:04	Rast=180"x180"	Step=5"	Pitch=+561"	Yaw=+552"					
FCS				Wavelength=1375A	Wavelength=1375A	Exp #=98382									
UVSP	02:04			Code=02	Code=02										
Event # = 12217		DOY=290													
89/10/17	02:13	Start	Peak	End times											
GOES				Qual=01											
HXRBS*	02:13:08	02:13:14	02:13:46	Peak...c/s=44	Peak...c/s=44	Tot Cts=159	MaxkeV=62	Step=5"	Pitch=+561"	Yaw=+552"					
UVSP	02:04			Wavelength=1375A	Wavelength=1375A	Exp #=98382	Rast=30"x30"								
Event # = 23351		DOY=290													
89/10/17	03:14	Start	Peak	End times											
GOES				Qual=00											
BCS	03:13	03:14	03:17	CaPeak.c/s=21	CaPeak.c/s=21	FePeak=03:13	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=929002					
FCS				Wavelength=1375A	Wavelength=1375A	Exp #=98387	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel					
UVSP	03:13			Code=00	Code=00		Rast=30"x30"	Step=5"	Pitch=+598"	Yaw=+486"					

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	05:18	05:23	Qual=03						
HXRBS*	05:19:21	05:21:03	Qual=01	Tot Cts=6720	MaxkeV=88	Flags=1			
BCS	05:18	05:22	Qual=1	FePeak=05:22	FePeak.c/s=53	#Peaks=1	dt= 7.7s	XEN=929004	
FCS					Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
UVSP	05:18			Exp #=98402	Rast=30"x30"	Step=5"	Pitch=+543"	Yaw=+551"	
Event # = 23353		DOY=290		End times		Carr. Lon.=332deg		H. Ang=81deg	
89/10/17, 07:03	Start	Peak							
Optical			Qual=00						
GOES	06:41	07:03	Qual=2	FePeak=06:43	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=929005	
BCS					Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
FCS					Rast=10"x10"	Step=0"	Pitch=+554"	Yaw=+535"	
UVSP	06:56			Exp #=98411					
Event # = 23354		DOY=290		End times		Carr. Lon.=332deg		H. Ang=81deg	
89/10/17, 07:54	Start	Peak							
Optical			Qual=00						
GOES	07:54	07:54	Qual=4	FePeak=07:54	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=929006	
BCS					Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
FCS					Rast=10"x10"	Step=0"	Pitch=+464"	Yaw=+530"	
UVSP	07:47			Exp #=98414					
Event # = 23355		DOY=290		End times		Carr. Lon.=332deg		H. Ang=81deg	
89/10/17, 08:34	Start	Peak							
Optical			Qual=00						
GOES	08:31	08:34	Qual=2	FePeak=08:35	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=929007	
BCS					Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
FCS					Rast=10"x10"	Step=0"	Pitch=+545"	Yaw=+525"	
UVSP	08:28			Exp #=98420					
Event # = 12633		DOY=290		End times		Carr. Lon.=208deg		H. Ang=53deg	
89/10/17, 09:23	Start	Peak							
Optical			Qual=00						
GOES	09:23:09	09:23:35	Qual=01	Tot Cts=299	MaxkeV=114	Flags=1			
HXRBS*	09:23:09	09:23:56	Qual=01	Exp #=98422	Rast=70"x70"	Step=5"	Pitch=+498"	Yaw=+507"	
UVSP	09:17								

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"
 dt= 7.7s XEN=929102
 Cad= 262s 1.024s/pixel
 Carr. Lon.=250deg
 H. Ang=23deg

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"
 dt= 7.7s XEN=929102
 Cad= 262s 1.024s/pixel
 Carr. Lon.=250deg
 H. Ang=23deg

Event # = 1221		DOY=292							
89/10/19, 12:03	Start	11:55:14	Peak	11:57:17	End times				
Optical	Ha...Class=SF	S28E13	AR5747	AR5747	Mac.=DKC	Carr. Lon.=206deg	H. Ang=36deg		
GOES	Peak...c/s=59	Qual=00			MaxKeV=88				
HXRBS*	CaPeak.c/s=149	Qual=1			Rast=180"x180"	dt= 7.7s	XEN=929200		
BGS	Wavelength=1375A				Rast=70"x70"	Step=10"	1.024s/pixel		
FCS						Step=5"	Pitch=+537", Yaw=+165"		
UVSP									
Event # = 1222		DOY=292							
89/10/19, 12:59	Start	12:58:43	Peak	13:53:00	End times				
Optical	Ha...Class=4B	S27E10	AR5747	AR5747	Mac.=DKC	Carr. Lon.=208deg	H. Ang=34deg		
GOES	Importance=X10	Qual=03			MaxKeV=461	Flags=M5, SN, IN, EG			
HXRBS*	CaPeak.c/s=202600	Qual=14			Rast=265"x265"	Step=5"	Pitch=+511", Yaw=+120"		
GRS	Wavelength=1375A	Code=02							
UVSP	IV/3	V/2							
Radio Sweeps	Type/Intensity:								
Radio	Frequency(MHz)/Flux(sfu):	245/13000	410/18000	606/46000	1415/82000	2695/4500	4995/34000	8800/30000	15400/36000
BGS	CaPeak.c/s=91	Qual=5			FePeak.c/s=77	#Peaks=1	dt= 7.7s	XEN=929203	
FCS	Wavelength=1375A				Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel	
UVSP	CaPeak.c/s=1478	Qual=6			Rast=265"x265"	Step=5"	Pitch=+510", Yaw=-81"		
BGS	Wavelength=1375A								
FCS	CaPeak.c/s=33	Qual=6			FePeak.c/s=323	#Peaks=1	dt= 0.5s	XEN=929205	
UVSP	CaPeak.c/s=1571	Qual=6			Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel	
BGS	Wavelength=1375A				Rast=70"x70"	Step=5"	Pitch=+487", Yaw=+233"		
FCS	CaPeak.c/s=927	Qual=6			FePeak.c/s=22	#Peaks=1	dt= 0.5s	XEN=929206	
UVSP	CaPeak.c/s=927	Qual=6			Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel	
BGS	Wavelength=1375A				Rast=70"x70"	Step=5"	Pitch=+487", Yaw=+233"		
FCS	CaPeak.c/s=1571	Qual=6			FePeak.c/s=219	#Peaks=1	dt= 0.5s	XEN=929207	
UVSP	CaPeak.c/s=927	Qual=6			Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
BGS	Wavelength=1375A				Rast=265"x265"	Step=5"	Pitch=+510", Yaw=+171"		
FCS	CaPeak.c/s=867	Qual=6			FePeak.c/s=174	#Peaks=1	dt= 0.5s	XEN=929208	
UVSP	CaPeak.c/s=867	Qual=6			Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel	
BGS	Wavelength=1375A				Rast=70"x70"	Step=5"	Pitch=+497", Yaw=+392"		
FCS	CaPeak.c/s=438	Qual=6			FePeak.c/s=160	#Peaks=1	dt= 0.5s	XEN=929209	
UVSP	CaPeak.c/s=438	Qual=6			Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel	
BGS	Wavelength=1375A				Rast=70"x70"	Step=5"	Pitch=+497", Yaw=+392"		
FCS	CaPeak.c/s=438	Qual=6			FePeak.c/s=34	#Peaks=1	dt= 7.7s	XEN=929211	
UVSP	CaPeak.c/s=438	Qual=6			Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel	
BGS	Wavelength=1375A				Rast=265"x265"	Step=5"	Pitch=+510", Yaw=+58"		
FCS									
UVSP									
Event # = 23359		DOY=292							
89/10/19, 14:34	Start	14:34	Peak	15:25	End times				
Optical	Ha...Class=SF	S28E13	AR5747	AR5747	Mac.=DKC	Carr. Lon.=206deg	H. Ang=36deg		
GOES	Peak...c/s=59	Qual=00			MaxKeV=88				
HXRBS*	CaPeak.c/s=149	Qual=1			Rast=180"x180"	dt= 3.8s	XEN=929202		
BGS	Wavelength=1375A				Rast=70"x70"	Step=10"	1.024s/pixel		
FCS						Step=5"	Pitch=+511", Yaw=+107"		
UVSP									

Event # = 23361	DOY=292						
89/10/19,16:12	Start	End times					
GOES	16:11	16:42	Qual=05	CaPeak.c/s=1888	Qual=6	FePeak=16:12	dt= 0.5s XEN=929204
BCS	16:07			Wavelength=1375A		Exp #=98493	Cad= 332s 1.024s/pixel
FCS							Pitch=+487", Yaw=-233"
UVSP							
FePeak.c/s=487	#Peaks=3						
Rast=180"x180"	Step=10"						
Rast=70"x70"	Step=5"						
Event # = 12225	DOY=292						
89/10/19,19:35	Start	End times					
GOES	19:35:02	19:35:23	Qual=00	Peak...c/s=51	Qual=01	Tot Cts=165	MaxkeV=88
HXRBS*	19:11			Wavelength=1375A		Exp #=98497	Rast=70"x70"
UVSP							Step=5"
Pitch=+502", Yaw=+98"							
Event # = 12226	DOY=292						
89/10/19,19:38	Start	End times					
GOES	19:38:24	19:38:47	Qual=00	Peak...c/s=62	Qual=01	Tot Cts=236	MaxkeV=62
HXRBS*	19:11			Wavelength=1375A		Exp #=98497	Rast=70"x70"
UVSP							Step=5"
Pitch=+502", Yaw=+98"							
Event # = 12227	DOY=292						
89/10/19,20:35	Start	End times					
GOES	20:35:30	20:35:42	Qual=00	Peak...c/s=49	Qual=01	Tot Cts=106	MaxkeV=62
HXRBS*	20:38			Wavelength=1375A		Exp #=98498	Rast=265"x265"
UVSP							Step=5"
Pitch=+510", Yaw=+58"							
Event # = 23368	DOY=293						
89/10/20,04:14	Start	End times					
Optical			89/10/20				
GOES	04:11	05:06	S20E79	Ha...Class=SF	Qual=00	FePeak=04:12	dt= 7.7s XEN=929300
BCS	04:03			CaPeak.c/s=45	Qual=4	Exp #=98508	Cad= 262s 1.024s/pixel
FCS				Wavelength=2788A			Pitch=+382", Yaw=-70"
UVSP							
Carr. Lon.=131deg	H. Ang=82deg						
#Peaks=1	Step=15"						
Step=0"							
Event # = 12237	DOY=293						
89/10/20,06:26	Start	End times					
GOES	06:26:32	06:26:52	Qual=00	Peak...c/s=45	Qual=01	Tot Cts=117	MaxkeV=88
HXRBS*	06:28			Wavelength=2788A		Exp #=98511	Rast=180"x1"
UVSP							Step=0"
Pitch=+382", Yaw=-104"							
Event # = 12236	DOY=293						
89/10/20,06:27	Start	End times					
GOES	06:12:27	06:12:33	Qual=00	Peak...c/s=45	Qual=01	Tot Cts=160	MaxkeV=62
HXRBS*	06:15			CaPeak.c/s=26	Qual=4	Exp #=98511	FePeak.c/s=6
BCS	05:47			Wavelength=2788A			Rast=240"x240"
FCS	06:28			Type/Intensity: III/3			Pitch=+382", Yaw=-104"
UVSP							
#Peaks=3	Step=15"						
Step=0"							

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=218		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*		07:56:58 07:57:38 07:57:48		Qual=01		MaxkeV=88			
Event # = 12232		DOY=293		End times		Carr. Lon. = 207deg		H. Ang = 32deg	
89/10/20, 07:59	Start	89/10/20, 07:59	Peak	07:59:56	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	Peak	End times										
89/10/20, 10:18	10:15:45	10:17:38	10:17:38	Peak...c/s=84	Qual=06	Tot Cts=1653	MaxkeV=88	#Peaks=1	dt= 3.8s	XEN=929306			
GOES	10:18	10:24	10:24	CaPeak.c/s=58	Qual=01	FePeak=10:18	FePeak.c/s=13	Step=15"	Cad= 262s	XEN=929306			
HXRBS*	10:18	10:24	10:24	Wave length=2788A	Qual= 5	Exp #=98516	Rast=240"x240"	Step=0"	Pitch=+382"	XEN=929306			
BCS	10:18	10:24	10:24				Rast=180"x1"			XEN=929306			
FCS	10:18	10:24	10:24							XEN=929306			
UVSP	10:18	10:24	10:24							XEN=929306			
Event # = 12235													
89/10/20, 10:59	10:56:02	10:56:32	10:56:32	Peak...c/s=61	Qual=00	Tot Cts=288	MaxkeV=114	#Peaks=1	dt= 7.7s	XEN=929307			
GOES	10:59	11:03	11:03	CaPeak.c/s=24	Qual=01	FePeak=10:59	FePeak.c/s=5	Step=15"	Cad= 262s	XEN=929307			
HXRBS*	10:59	11:03	11:03	Wave length=2788A	Qual= 1	Exp #=98517	Rast=240"x240"	Step=0"	Pitch=+382"	XEN=929307			
BCS	10:59	11:03	11:03				Rast=180"x1"			XEN=929307			
FCS	10:59	11:03	11:03							XEN=929307			
UVSP	10:59	11:03	11:03							XEN=929307			
Event # = 12238													
89/10/20, 15:09	15:09:27	15:17:59	15:17:59	Peak...c/s=8122	Qual=01	Tot Cts=2.55E+5	MaxkeV=461	Flags=M5, SN					
GOES	15:09	15:11:00	15:11:00	Wave length=1375A	Qual=02	Exp #=98526	Rast=30"x30"	Step=5"	Pitch=+587"				
HXRBS*	15:09	15:11:00	15:11:00	8800/120 15400/700									
GRS	15:09	15:11:00	15:11:00										
UVSP	15:09	15:11:00	15:11:00										
Radio	15:09	15:11:00	15:11:00										
Event # = 12239													
89/10/20, 15:26	15:26:14	15:31:29	15:31:29	Peak...c/s=47	Qual=01	Tot Cts=1700	MaxkeV=62	Step=5"	Pitch=+587"	Yaw=-75"			
Optical	15:26	15:31:29	15:31:29	Wave length=1375A	Qual=01	Exp #=98528	Rast=30"x30"						
Optical	15:26	15:31:29	15:31:29										
GOES	15:26	15:31:29	15:31:29										
HXRBS*	15:26	15:31:29	15:31:29										
UVSP	15:26	15:31:29	15:31:29										
Event # = 12240													
89/10/20, 16:24	16:31:42	16:33:21	16:33:21	Peak...c/s=57	Qual=00	Tot Cts=1195	MaxkeV=62	#Peaks=1	dt= 7.7s	XEN=929308			
Optical	16:24	16:48	16:48	CaPeak.c/s=52	Qual=01	FePeak=16:37	FePeak.c/s=8	Step=15"	Cad= 262s	XEN=929308			
GOES	16:24	16:48	16:48	Wave length=1375A	Qual= 5	Exp #=98531	Rast=240"x240"	Step=0"	Pitch=+509"	XEN=929308			
HXRBS*	16:24	16:48	16:48				Rast=265"x265"			XEN=929308			
BCS	16:24	16:48	16:48							XEN=929308			
FCS	16:24	16:48	16:48							XEN=929308			
UVSP	16:24	16:48	16:48							XEN=929308			
Event # = 12241													
89/10/20, 16:41	16:41:30	16:42:06	16:42:06	Peak...c/s=45	Qual=00	Tot Cts=149	MaxkeV=62	Flags=ND					
GOES	16:41	16:42:06	16:42:06	Wave length=1375A	Qual=01	Exp #=98535	Rast=30"x30"	Step=5"	Pitch=+481"	Yaw=-71"			
HXRBS*	16:41	16:42:06	16:42:06										
UVSP	16:41	16:42:06	16:42:06										

Event # = 12242										
89/10/20,16:50	D0Y=293	Peak	End times							
GOES			Qual=00							
HXRBS*	16:49:53	16:50:39	16:53:04	Peak...c/s=124	Ha...Class=SF	S19E75	AR5754	Tot Cts=3959	MaxkeV=88	
UVSP	16:40			Wave length=1375A	Importance=C5	Qual=01		Exp #=98535	Rast=30"x30"	
					Peak...c/s=51	Qual=01			Step=5" Pitch=+481",Yaw=-71"	
					Wave length=1375A	Code=00				
Event # = 12243										
89/10/20,19:37	D0Y=293	Peak	End times							
Optical										
GOES	19:33	19:37	19:39	Ha...Class=SF	S19E75	AR5754			Carr. Lon.=126deg H. Ang=78deg	
HXRBS*	19:34:10	19:34:19	19:35:02	Importance=C5	Qual=01					
UVSP	19:33			Peak...c/s=51	Qual=01					
				Wave length=1375A	Code=00				Step=0" Pitch=+485",Yaw=-83"	
Event # = 23369										
89/10/20,19:59	D0Y=293	Peak	End times							
Optical										
GOES				Ha...Class=SF	S19E75	AR5754			Carr. Lon.=126deg H. Ang=78deg	
BCS	19:57	19:59	20:06	CaPeak.c/s=41	Qual=01				#Peaks=1 dt= 7.7s XEN=929310	
FCS				Wave length=1375A	Qual=1				Step=10" Cad= 332s 1.024s/pixel	
UVSP	19:58								Step=0" Pitch=+545",Yaw=-77"	
									FePeak.c/s=13 Rast=180"x180"	
									Exp #=98555	
Event # = 12244										
89/10/20,20:58	D0Y=293	Peak	End times							
GOES										
HXRBS*	20:55:30	20:55:43	20:56:46	Peak...c/s=95	Qual=00				MaxkeV=114	
BCS	20:58	20:58	21:24	CaPeak.c/s=55	Qual=01				FePeak.c/s=12	
FCS				Wave length=1375A	Qual= 5				Rast=180"x180"	
UVSP	21:00								Rast=265"x265"	
									#Peaks=1 dt= 3.8s XEN=929310	
									Step=10" Cad= 332s 1.024s/pixel	
									Step=5" Pitch=+508",Yaw=-138"	
Event # = 12245										
89/10/20,21:34	D0Y=293	Peak	End times							
Optical										
GOES	21:29	21:34	22:01	Ha...Class=1N	S26W11	AR5747			Carr. Lon.=211deg H. Ang=33deg	
HXRBS*	21:27:00	21:31:28	21:42:26	Importance=M1	Qual=03				Flags=M5,ES	
BCS	21:26	21:33	21:42	Peak...c/s=448	Qual=03				#Peaks=1 dt= 7.7s XEN=929311	
FCS				CaPeak.c/s=796	Qual= 1				Step=10" Cad= 332s 1.024s/pixel	
UVSP	21:26			Wave length=1375A	Code=00				Step=5" Pitch=+515",Yaw=-103"	
									Mac. =DKC	
									MaxkeV=114	
									FePeak.c/s=213	
									Rast=180"x180"	
									Rast=30"x30"	
									Exp #=98564	
Event # = 12246										
89/10/20,22:38	D0Y=293	Peak	End times							
GOES										
HXRBS*	22:30:22	22:30:36	22:30:51	Peak...c/s=41	Qual=00				MaxkeV=114	
BCS	22:30	22:38	22:49	CaPeak.c/s=64	Qual=01				FePeak.c/s=13	
FCS				Wave length=1375A	Qual= 1				Rast=180"x180"	
UVSP	22:34								Rast=30"x30"	
									#Peaks=2 dt= 7.7s XEN=929312	
									Step=10" Cad= 332s 1.024s/pixel	
									Step=5" Pitch=+515",Yaw=-118"	
									Exp #=98569	

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		MaxkeV=140		Carr. Lon.=128deg	H. Ang=74deg	
89/10/20, 23:15	Peak	23:15:23	23:16:14	Qual=00	Peak...c/s=186		Tot Cts=1495		Rast=30"x30"		Step=5"	Pitch=+509"	Yaw=-122"
Optical					Wavelength=1375A		Exp #=98575						
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		Step=1"	Pitch=+509"	Yaw=-134"
89/10/21, 00:40	Peak	00:40:05	00:40:34	Qual=01					Rast=20"x30"				
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		Mac.=EKC		Carr. Lon.=207deg	H. Ang=34deg	
89/10/21, 01:56	Peak	01:56	02:03	Qual=01	Importance=M2		Tot Cts=2.40E+5		MaxkeV=382		Flags=M5, FS		
Optical					Peak...c/s=3833								
GOES													
HXRBS*													
GRS													
BCS													
FCS													
UVSP													
Radio													
Frequency (MHz)/Flux (sfu):													
1415/51 2695/160													
Associated Event # = 23372													
BCS													
FCS													
Event # = 12635	DOY=294	Start	End times	Qual=00	Peak...c/s=49	Wavelength=2788A	Tot Cts=375	Exp #=98590	MaxkeV=62		Flags=I, ND		
89/10/21, 04:58	Peak	04:58:21	04:58:38	Qual=01					Rast=180"x180"		Step=0"	Pitch=+379"	Yaw=-31"
GOES													
HXRBS*													
UVSP													

Event # = 12637
89/10/21,05:18 DOY=294
Start Peak
Optical
GOES 05:12 05:18 05:20 Ha...Class=1F S26E16 AR5753 Carr. Lon.=180deg H. Ang=35deg
Importance=C3 Qual=01
HXRB* 05:16:23 05:16:46 05:17:41 Peak...c/s=50 Qual=01 Tot Cts=1092 MaxkeyV=88 Flags=I,ND
UVSP 05:18 05:18 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
HXRB* 05:13:06 05:13:26 05:13:46 Peak...c/s=50 Qual=01 Tot Cts=560 MaxkeyV=62 Flags=I,ND

Event # = 12250
89/10/21,11:28 DOY=294
Start Peak
Optical
GOES 11:25:00 11:26:01 11:27:09 Ha...Class=SF S30W17 AR5747 Carr. Lon.=210deg H. Ang=39deg
Importance=C3 Qual=00
HXRB* 11:27 11:28 11:31 Peak...c/s=68 Qual=01 Tot Cts=1391 MaxkeyV=140 #Peaks=1 dt= 7.7s XEN=929403
BCS 11:27 11:28 11:31 CaPeak.c/s=22 Qual= 4 FePeak=11:27 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
FCS 11:23 11:23 Wavelength=2788A Exp #=98598 Rast=180"x1" Step=0" Pitch=+377",Yaw=-79"
UVSP 11:23

Event # = 23373
89/10/21,12:12 DOY=294
Start Peak
GOES 12:12 12:12 12:16 CaPeak.c/s=24 Qual=00 FePeak=12:12 dt= 7.7s XEN=929404
BCS 12:12 12:14 12:14 Peak3...c/s=1 Qual= 5 FePeak=12:12 #Peaks=1 dt= 7.7s XEN=929404
FCS 12:01 Wavelength=2788A Exp #=98599 Rast=180"x1" Step=0" Pitch=+377",Yaw=-84"
UVSP 12:01

Event # = 23374
89/10/21,12:58 DOY=294
Start Peak
Optical
GOES 12:54 12:58 13:03 Ha...Class=SF S28W13 AR5747 Carr. Lon.=205deg H. Ang=36deg
Importance=C5 Qual=03
BCS 12:47 12:58 13:04 CaPeak.c/s=163 Qual= 1 FePeak=12:58 #Peaks=1 dt= 7.7s XEN=929405
FCS 12:51 12:51 Peak3...c/s=51 Qual=00 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel
UVSP \ 12:54 Wavelength=2788A Code=00 Exp #=98600 Rast=180"x1" Step=0" Pitch=+377",Yaw=-91"

Event # = 23375
89/10/21,14:27 DOY=294
Start Peak
GOES 14:27 14:27 14:29 CaPeak.c/s=23 Qual=00 FePeak=14:27 #Peaks=1 dt= 7.7s XEN=929406
BCS 14:27 14:27 14:29 Peak...c/s=107 Qual= 4 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
FCS 14:24 Wavelength=1375A Exp #=98609 Rast=10"x10" Step=0" Pitch=+492",Yaw=-266"
UVSP 14:24

Event # = 12641
89/10/21,20:05 DOY=294
Start Peak
GOES 19:55 20:05 20:12 Importance=C5 Qual=01 Tot Cts=4620 MaxkeyV=88 Flags=I
HXRB* 20:01:42 20:03:43 20:04:39 Peak...c/s=107 Qual=01 FePeak=20:04 #Peaks=1 dt= 7.7s XEN=929407
BCS 19:55 20:04 20:16 CaPeak.c/s=272 Qual= 1 FePeak=20:04 Step=15" Cad= 332s 1.024s/pixel
FCS 19:55 20:04 20:16 Wavelength=1375A Code=00 Exp #=98641 Rast=180"x180" Step=10" Pitch=+529",Yaw=-264"
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 Ha...Class=SF S28W21 Mac.=EKC
 Optical S19E57 AR5747 H.Ang=39deg
 GOES 21:59 22:04 22:09 Ha...Class=SF AR5754 H.Ang=61deg
 HXRBS* 21:53:51 21:54:59 21:56:37 Importance=C6 Qual=01 MaxkeV=245
 UVSP 21:56 Wavelength=1375A Code=00 Exp #=98654 Rast=30"x30" Pitch=+519", Yaw=-293"
 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 Rast=243"x243" Pitch=+501", Yaw=-338"

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 00:58 01:04 01:11 Ha...Class=1F S14E58 AR5754
 HXRBS* 00:59:15 01:00:52 01:07:45 Importance=M1 Qual=03 MaxkeV=218
 UVSP 01:03 Wavelength=2788A Code=00 Qual=01 Exp #=98657 Rast=180"x1" Pitch=+372", Yaw=-182"

Event # = 12256
 89/10/22,02:21 DOY=295
 Optical Start End times Carr. Lon.=208deg H.Ang=39deg
 GOES 02:17 02:21 02:25 Ha...Class=SF S27W23 AR5747
 HXRBS* 02:18:38 02:19:30 02:20:41 Importance=C4 Qual=01 MaxkeV=114
 UVSP 02:35 Wavelength=2788A Code=00 Qual=01 Exp #=98659 Rast=180"x1" Pitch=+372", Yaw=-193"

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*	11:45:40	11:46:23	11:47:28	WaveLength=1375A	Qual=01	Tot Cts=1031	Step=5" Pitch=+529" ,Yaw=-377"
UVSP	11:37					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	MaxkeV=114	Tot Cts=352	Step=0"	Pitch=+548" , Yaw=-425"
HXRBS* 14:32:05	14:32:27 14:32:49	Qual=01	Rast=10"x10"	Exp #=98706		
UVSP 14:20	WaveLength=1375A					
Event # = 12264	DOY=295	End times	MaxkeV=114	Tot Cts=389	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	CaPeak.c/s=352					
Radio	Frequency(MHz)/Flux(sfu): 245/52	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	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= 5	Rast=265"x265"		Pitch=+492" , Yaw=-498"	
BGS 21:40	21:40 22:19	Qual=00				
FCS	WaveLength=1375A					
UVSP 21:40						

Event # = 12267		DOY=295							
89/10/22	23:24	Start	End times	Peak					
Optical									
GOES						N13W75	AR5750		H. Ang=74deg
						Qual=01			
HXRBS*	23:22:32	23:22:39	23:24:05	23:24:05		Qual=01	Tot Cts=29748		
BCS	23:11	23:24	23:55	23:55		Qual=1	FePeak=23:23		
FCS									
UVSP	23:11						Exp #=98756		
								MaxkeV=88	Flags=ND
								FePeak.c/s=30	#Peaks=1
								Rast=240"x240"	dt= 7.7s
								Rast=243"x243"	Cad= 262s
									XEN=929507
									Step=15"
									Pitch=+491"
									Yaw=-507"
Event # = 12268		DOY=295							
89/10/22	23:35	Start	End times	Peak					
Optical									
GOES						S33W41	AR5747		H. Ang=54deg
						Qual=00			
HXRBS*	23:35:41	23:35:52	23:36:07	23:36:07		Qual=01	Tot Cts=149		
UVSP	23:11						Exp #=98756		
								MaxkeV=62	
								Rast=243"x243"	Pitch=+491"
									Yaw=-507"
Event # = 12269		DOY=296							
89/10/23	00:54	Start	End times	Peak					
Optical									
GOES						N12W76	AR5750		H. Ang=75deg
						Qual=01			
HXRBS*	00:54:29	00:54:53	00:55:49	00:55:49		Qual=01	Tot Cts=288		
UVSP	00:29						Exp #=98758		
								MaxkeV=62	
								Rast=180"x1"	Pitch=+363"
									Yaw=-344"
Event # = 12270		DOY=296							
89/10/23	01:02	Start	End times	Peak					
Optical									
GOES						N12W76	AR5750		H. Ang=75deg
						Qual=01			
HXRBS*	01:01:19	01:02:04	01:02:48	01:02:48		Qual=01	Tot Cts=576		
UVSP	01:22						Exp #=98759		
								MaxkeV=114	
								Rast=180"x1"	Pitch=+362"
									Yaw=-350"
Event # = 23380		DOY=296							
89/10/23	02:10	Start	End times	Peak					
Optical									
GOES						S29W34	AR5747		H. Ang=47deg
						Qual=00			
BCS	02:10	02:10	02:38	02:38		Qual=5	FePeak=02:10		
FCS									
UVSP	02:00						Exp #=98760		
								MaxkeV=62	
								FePeak.c/s=7	dt= 3.8s
								Rast=180"x180"	XEN=929600
								Rast=180"x1"	Cad= 332s
									Step=10"
									Pitch=+362"
									Yaw=-354"
Event # = 12271		DOY=296							
89/10/23	03:02	Start	End times	Peak					
Optical									
GOES						Qual=00			
						Qual=01	Tot Cts=240		
HXRBS*	02:45:29	02:46:00	02:46:08	02:46:08		Qual=2	FePeak=03:02		
BCS	02:46	03:02	03:03	03:03					
FCS									
UVSP	02:55						Exp #=98761		
								MaxkeV=62	
								FePeak.c/s=8	dt= 7.7s
								Rast=180"x180"	XEN=929601
								Rast=180"x1"	Cad= 332s
									Step=10"
									Pitch=+361"
									Yaw=-359"

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
 dt= 7.7s XEN=929602
 #Peaks=1 Step=10" Cad= 332s 1.024s/pixel
 Rast=180"x180" Pitch=+259", Yaw=-437"
 FePeak.c/s=61 Rast=180"x1" Exp #=98762
 Importance=C7
 CaPeak.c/s=263
 Wavelength=2788A Code=00

Event # = 12272
 89/10/23,04:25 D0Y=296
 Peak Start End times
 Optical 04:10 04:25 05:04
 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): 2695/35 4995/57 8800/40 15400/27
 Ha...Class=SF S26W39 AR5747
 Importance=M1 Qual=03
 Peak...c/s=310 Qual=14
 Wavelength=2788A Code=00 Tot Cts=20061
 Exp #=98762
 Mac.=EKC Carr. Lon.=209deg H. Ang=49deg
 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 11:15:24 11:17:28 11:17:50
 GOES 11:20
 HXRBS* 11:15:24 11:17:28 11:17:50
 UVSP 11:20
 Ha...Class=SF S27W42 AR5747
 Peak...c/s=50 Qual=00
 Wavelength=1375A Qual=01
 Tot Cts=488
 Exp #=98786
 Mac.=EKC Carr. Lon.=208deg H. Ang=52deg
 MaxkeyV=62
 Rast=265"x265" Pitch=+485", Yaw=-583"

Event # = 23382
 89/10/23,11:23 D0Y=296
 Peak Start End times
 Optical 11:23 11:23 11:57
 GOES 11:23 11:37
 BCS 11:23 11:37
 FCS
 UVSP 11:20
 dt= 3.8s XEN=929603
 #Peaks=2 Step=10" Cad= 332s 1.024s/pixel
 Rast=180"x180" Pitch=+485", Yaw=-583"
 FePeak.c/s=12 Rast=180"x180" Exp #=98786
 Qual=5
 CaPeak.c/s=95
 Peak3...c/s=6124
 Wavelength=1375A

Event # = 12643
 89/10/23,12:43 D0Y=296
 Peak Start End times
 Optical 12:34 12:43 13:26
 GOES 12:34 12:46:14 13:10:20
 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): 4995/440 8800/1300 15400/2500
 Ha...Class=28 S27W42 AR5747
 Importance=X2 Qual=05
 Peak...c/s=715 Qual=02
 CaPeak.c/s=5000 Qual=5
 Peak3...c/s=-1
 Wavelength=1375A Code=02 Exp #=98795

Event # = 12273
 89/10/23,14:53 D0Y=296
 Peak Start End times
 Optical 14:53:05 14:53:35 14:54:01
 GOES 14:53:05 14:53:35 14:54:01
 HXRBS* 14:53:05 14:53:35 14:54:01
 UVSP 14:54
 dt= 7.7s XEN=929607
 #Peaks=1 Step=10" Cad= 332s 1.024s/pixel
 Rast=180"x180" Pitch=+485", Yaw=-592"
 FePeak.c/s=1600 Rast=180"x150" Exp #=98809
 Qual=00
 Qual=01
 Peak...c/s=51
 Wavelength=1375A
 Ha...Class=SF S30W40 AR5747
 Importance=M1 Qual=03
 Peak...c/s=310 Qual=14
 Wavelength=2788A Code=00 Tot Cts=354
 Exp #=98809
 Mac.=EKC Carr. Lon.=204deg H. Ang=52deg
 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			MaxkeV=88	H. Ang=54deg
HXRBS*	22:14:05	22:15:44	22:16:12	22:16:12	22:23			FePeak.c/s=10	
BCS	22:16	22:19	22:23	22:23	22:23			Rast=240"x240"	#Peaks=1 dt= 3.8s XEN=929605
FCS								Rast=30"x30"	Step=15" Cad= 262s 1.024s/pixel
UVSP	22:13								Step=5" Pitch=+471", Yaw=-631"
Radio	Frequency(MHz)/Flux(sfu):	606/280		1375A Code=00		Exp #=98853			
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	23:41	23:51	23:51			MaxkeV=114	H. Ang=57deg
HXRBS*	23:35:27	23:36:32	23:38:59	23:38:59	23:51			FePeak.c/s=53	Flags=I
BCS	23:31	23:40	00:15	00:15	00:15			Rast=180"x180"	#Peaks=1 dt= 3.8s XEN=929606
FCS								Rast=180"x1"	Step=10" Cad= 332s 1.024s/pixel
UVSP	00:14								Step=0" Pitch=+350", Yaw=-483"
Radio	Frequency(MHz)/Flux(sfu):	4995/44 8800/64 15400/72		2788A		Exp #=98859			
Event # = 12645		89/10/24,00:58		DOY=297		Peak		End times	
Optical	Start	00:55	00:58	01:01	01:01			MaxkeV=88	Carr. Lon.=204deg
GOES	00:55	00:58	01:01	01:01	01:01			Rast=180"x1"	H. Ang=57deg
HXRBS*	00:56:00	00:56:06	00:56:56	00:56:56	01:01				Flags=I
UVSP	00:48								Step=0" 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			MaxkeV=62	H. Ang=57deg
HXRBS*	01:15:08	01:16:05	01:16:42	01:16:42	01:16:42			Rast=180"x1"	Flags=I
UVSP	01:41								Step=0" 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			MaxkeV=62	H. Ang=57deg
HXRBS*	01:18:14	01:18:33	01:18:58	01:18:58	01:18:58			Rast=180"x1"	Flags=I
UVSP	01:41								Step=0" 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			MaxkeV=62	H. Ang=57deg
HXRBS*	01:20:02	01:20:26	01:20:36	01:20:36	01:20:36			Rast=180"x1"	Flags=I
UVSP	01:41								Step=0" Pitch=+349", Yaw=-490"

Event # = 12649	DOY=297																	
89/10/24,01:24	Peak																	
Optical		Ha...Class=SF	S32W45	AR5747	Mac.=DKC	Carr. Lon.=204deg	H. Ang=57deg											
GOES		Peak...c/s=51	Qual=00		MaxkeV=88	Flags=I												
HXRBS*	01:23:06	Wavelength=2788A	Qual=01	Tot Cts=466	Rast=180"x1"	Step=0"	Pitch=+349",Yaw=-490"											
UVSP	01:41			Exp #=98861														

Event # = 12650	DOY=297																	
89/10/24,01:32	Peak																	
Optical		Ha...Class=SF	S32W45	AR5747	Mac.=DKC	Carr. Lon.=204deg	H. Ang=57deg											
GOES		Peak...c/s=46	Qual=00		MaxkeV=88	Flags=I												
HXRBS*	01:28:59	CaPeak.c/s=44	Qual=01	Tot Cts=457	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=929700										
BGS	01:29	Wavelength=2788A	Qual= 4	FePeak=01:32	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel										
FCS																		
UVSP	01:41			Exp #=98861														

Event # = 23383	DOY=297																	
89/10/24,02:50	Peak																	
Optical		CaPeak.c/s=23	Qual=01															
GOES	02:50	Peak3...c/s=4	Qual= 4	FePeak=02:50	FePeak.c/s=6	#Peaks=1	dt= 3.8s	XEN=929701										
BGS	02:50	Wavelength=2788A			Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel										
FCS																		
UVSP	03:14			Exp #=98863														

Event # = 12274	DOY=297																	
89/10/24,02:55	Peak																	
Optical		Ha...Class=SF	S27W51	AR5747	Mac.=DKC	Carr. Lon.=209deg	H. Ang=59deg											
GOES	02:58	Importance=C4	Qual=01		MaxkeV=62	Flags=ND												
HXRBS*	02:59:07	Peak...c/s=49	Qual=01	Tot Cts=485	FePeak.c/s=14	#Peaks=1	dt= 7.7s	XEN=929702										
BGS	02:59	CaPeak.c/s=75	Qual= 1	FePeak=03:00	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel										
FCS																		
UVSP	03:14			Exp #=98863														

Event # = 12277	DOY=297																	
89/10/24,04:40	Peak																	
Optical		Ha...Class=SF	S19W54	AR5748	Mac.=EAI	Carr. Lon.=211deg	H. Ang=58deg											
GOES	04:26	Importance=C4	Qual=01		Maxkey=114	#Peaks=2	dt= 7.7s	XEN=929703										
HXRBS*	04:27:13	Peak...c/s=139	Qual=01	Tot Cts=1785	FePeak.c/s=10	#Peaks=2	dt= 7.7s	XEN=929703										
BGS	04:26	CaPeak.c/s=51	Qual= 1	FePeak=04:37	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel										
FCS																		
UVSP	04:45			Exp #=98865														

HXRBS*	04:23:42	Peak...c/s=59	Associated	Event # = 12276														

HXRBS*	04:34:05	Peak...c/s=47	Associated	Event # = 12278														

Event # = 12279		DOY=297																			
89/10/24,05:43	Start	05:40	Peak	05:41:18	End times	05:45	Importance=C5	Qual=01	Tot Cts=1999	MaxkeV=140	#Peaks=1	dt= 7.7s	XEN=929704								
GOES		05:40		05:41:18		05:45	Peak...c/s=135	Qual=01	FePeak=05:43	FePeak.c/s=15	Step=10"	Cad= 332s	XEN=929704								
HXRBS*		05:40:24		05:41:18		05:42:24	CaPeak.c/s=100	Qual= 1		Rast=180"x180"	Step=0"	Pitch=+347"	Yaw=-509"								
BCS		05:31		05:43		06:11	Peak3...c/s=2	Code=01	Exp #=98866												
FCS		05:31		05:43		06:11	Wave length=2788A														
UVSP		05:22		05:48			Wave length=1375A														
Event # = 23384		DOY=297																			
89/10/24,10:58	Start	10:10	Peak	10:58	End times	10:59	CaPeak.c/s=32	Qual=02	FePeak=10:58	FePeak.c/s=12	#Peaks=1	dt= 3.8s	XEN=929705								
GOES		10:10		10:58		10:59	CaPeak.c/s=32	Qual= 2		Rast=180"x180"	Step=10"	Cad= 332s	XEN=929705								
BCS		10:10		10:58		10:59	Wave length=1375A		Exp #=98883												
FCS		10:10		10:58		10:59															
UVSP		10:22		10:58		10:59															
Event # = 23385		DOY=297																			
89/10/24,11:44	Start	11:42	Peak	11:44	End times	12:29	CaPeak.c/s=50	Qual=05	FePeak=11:42	FePeak.c/s=11	#Peaks=1	dt= 3.8s	XEN=929706								
GOES		11:42		11:44		12:29	CaPeak.c/s=50	Qual= 4		Rast=180"x180"	Step=10"	Cad= 332s	XEN=929706								
BCS		11:42		11:44		12:29	Wave length=1375A		Exp #=98890												
FCS		11:42		11:44		12:29															
UVSP		11:43		11:44		12:29															
Event # = 23386		DOY=297																			
89/10/24,13:06	Start	13:06	Peak	13:06	End times	13:19	CaPeak.c/s=39	Qual=00	FePeak=13:06	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=929707								
GOES		13:06		13:06		13:19	CaPeak.c/s=39	Qual= 5		Rast=180"x180"	Step=10"	Cad= 332s	XEN=929707								
BCS		13:06		13:06		13:19	Wave length=1375A		Exp #=98897												
FCS		13:06		13:06		13:19															
UVSP		13:11		13:06		13:19															
Event # = 12281		DOY=297																			
89/10/24,13:17	Start	13:17:43	Peak	13:17:55	End times	13:18:08	Peak...c/s=44	Qual=00	Tot Cts=71	MaxkeV=62	Step=5"	Pitch=+477"	Yaw=-674"								
GOES		13:17:43		13:17:55		13:18:08	Wave length=1375A	Qual=01	Exp #=98899												
HXRBS*		13:17:43		13:17:55		13:18:08															
UVSP		13:13		13:17:55		13:18:08															
Event # = 12282		DOY=297																			
89/10/24,13:27	Start	13:27:11	Peak	13:27:19	End times	13:27:32	Peak...c/s=74	Qual=00	Tot Cts=390	MaxkeV=88	Step=5"	Pitch=+477"	Yaw=-675"								
GOES		13:27:11		13:27:19		13:27:32	Wave length=1375A	Qual=01	Exp #=98901												
HXRBS*		13:27:11		13:27:19		13:27:32															
UVSP		13:25		13:27:19		13:27:32															
Event # = 12283		DOY=297																			
89/10/24,13:35	Start	13:35:07	Peak	13:35:27	End times	13:36:46	Peak...c/s=55	Qual=00	Tot Cts=612	MaxkeV=62	Step=5"	Pitch=+477"	Yaw=-675"								
GOES		13:35:07		13:35:27		13:36:46	Wave length=1375A	Qual=03	Exp #=98901												
HXRBS*		13:35:07		13:35:27		13:36:46															
UVSP		13:25		13:35:27		13:36:46															

Event # = 12285
89/10/24, 14:02 DOY=297
Peak Start End times
GOES 13:55 14:09
HXRBSS* 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 Wavelength=1375A Code=01 CaPeak.c/s=234 Qual=2
UVSP 13:47 Associated Event # = 98905 Exp # = 12284
HXRBSS* 13:49:53 13:50:04 13:50:14 Peak...c/s=48 Qual=01 Tot Cts=3380
MaxkeV=88
FePeak.c/s=42
Rast=180"x180"
Rast=30"x30"
#Peaks=2 dt= 7.7s XEN=929708
Step=10 Cad= 332s 1.024s/pixel
Step=5 Pitch=+467", Yaw=-706"

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 Associated Event # = 98908 Exp # = 98908
FePeak=14.48
FePeak.c/s=10 #Peaks=1 dt= 3.8s XEN=929709
Rast=180"x180" Step=10 Cad= 332s 1.024s/pixel
Rast=30"x30" Step=5 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
HXRBSS* 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
GOES 17:36 18:31 02:24 Importance=X6 Qual=02
HXRBSS* 17:59:51 18:10:24 19:49:54 Peak...c/s=72444 Qual=14
GRS 17:57:00 18:12:00 CaPeak.c/s=6938 Qual=2 FePeak=18:12
BCS 17:49 18:09 18:14 Wavelength=1375A Code=00 Exp # = 98930
UVSP 18:21 Type/Intensity: II/3 IV/3 V/3
Radio Sweeps Frequency(MHz)/Flux(sfu): 245/760 410/3000 606/1600 1415/2900 2695/9800 4995/47000 8800/48000 15400/26000
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
FCS Wavelength=1375A Exp # = 98933
UVSP 19:15
FePeak.c/s=1909 #Peaks=1 dt= 3.8s XEN=929712
Rast=180"x180" Step=10 Cad= 332s 1.024s/pixel
Rast=265"x265" Step=5 Pitch=+284", Yaw=-826"

Event # = 12288
89/10/25, 15:41 DOY=298
Peak Start End times
GOES 15:35:38 15:41:58 15:46:49
HXRBSS* 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
Exp # = 99010
MaxkeV=245
Rast=110"x200" Step=5 Pitch=+374", Yaw=-841"

Event # = 12289										
89/10/25, 16:39	Start	DOY=298	Peak	End times						
Optical				Ha...Class=2N	S28W65	AR5747	Mac.=DKI	Carr. Lon.=202deg	H. Ang=71deg	
GOES	16:33	16:39	17:30	Importance=M9	Qual=03			Flags=IS, DG, ND		
HXRBS*	16:32:28	16:36:46	17:23:30	Peak...c/s=42430	Qual=11	Tot Cts=3.29E+6	MaxkeV=461			
GRS	16:35:00	16:37:00	16:37:00			FePeak=16:39	FePeak.c/s=2518	#Peaks=1	dt= 3.8s	Dur=120sec
BCS	16:37	16:59	16:59	CaPeak.c/s=6419	Qual= 1		Rast=180"x180"	Step=10"	Cad= 332s	XEN=929800
FCS							Rast=110"x200"	Step=5"	Pitch=+524"	Yaw=-844"
UVSP	16:35			Wavelength=1375A	Code=00	Exp #=99013				
Radio	Frequency (MHz)/Flux(sfu):	2695/83	4995/430	8800/2100	15400/4100					
BCS	16:59	16:59	17:00	Associated Event # = 23390		FePeak=16:59	FePeak.c/s=26	#Peaks=1	dt= 7.7s	XEN=929801
FCS				CaPeak.c/s=185	Qual= 5		Rast=240"x240"	Step=15"	Cad= 262s	XEN=929802
UVSP	16:53			Wavelength=1375A		Exp #=99015	Rast=110"x200"	Step=5"	Pitch=+529"	Yaw=-844"
Event # = 12651										
89/10/25, 18:31	Start	DOY=298	Peak	End times						
GOES										
HXRBS*	18:26:04	18:27:03	18:30:07	Peak...c/s=58	Qual=03	Tot Cts=1900	MaxkeV=62	Flags=I	dt= 3.8s	XEN=929802
BCS	18:28	18:31	18:34	CaPeak.c/s=78	Qual= 2	FePeak=18:31	Rast=240"x240"	Step=15"	Cad= 262s	XEN=929803
FCS							Rast=110"x200"	Step=5"	Pitch=+189"	Yaw=-933"
UVSP	18:24			Wavelength=1375A		Exp #=99022				
Event # = 12290										
89/10/25, 21:45	Start	DOY=298	Peak	End times						
GOES										
HXRBS*	21:45:48	21:45:56	21:46:01	Peak...c/s=96	Qual=00	Tot Cts=382	MaxkeV=114	Flags=IS	Pitch=+420"	Yaw=-856"
UVSP	21:45			Wavelength=1375A	Qual=11	Exp #=99038	Rast=110"x200"	Step=5"		
Radio	Sweeps	Type/Intensity:	III/I							
Event # = 23391										
89/10/25, 22:41	Start	DOY=298	Peak	End times						
Optical				Ha...Class=SF	S27W77	AR5747	Mac.=DKI	Carr. Lon.=211deg	H. Ang=81deg	
GOES					Qual=00					
BCS	22:39	22:41	22:57	CaPeak.c/s=73	Qual= 4	FePeak=22:41	FePeak.c/s=15	#Peaks=1	dt= 7.7s	XEN=929803
FCS							Rast=180"x180"	Step=10"	Cad= 332s	XEN=929803
UVSP	22:38			Wavelength=2788A		Exp #=99041	Rast=243"x243"	Step=3"	Pitch=+448"	Yaw=-826"
Event # = 12291										
89/10/25, 22:55	Start	DOY=298	Peak	End times						
GOES										
HXRBS*	22:54:52	22:55:04	22:55:17	Peak...c/s=129	Qual=00	Tot Cts=456	MaxkeV=140			
UVSP	22:38			Wavelength=2788A	Qual=01	Exp #=99041	Rast=243"x243"	Step=3"	Pitch=+448"	Yaw=-826"
89/10/26 DOY=299										
Event # = 12293										
89/10/26, 00:47	Start	DOY=299	Peak	End times						
GOES										
HXRBS*	00:47:35	00:47:39	00:47:46	Peak...c/s=58	Qual=00	Tot Cts=96	MaxkeV=62			
UVSP	00:49			Wavelength=2788A	Qual=01	Exp #=99044	Rast=180"x1"	Step=0"	Pitch=+318"	Yaw=-658"

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	D0Y=299									
Optical	Start	Peak	End times							
GOES					S20W87	AR5747	Mac.=EKI	Carr. Lon.=212deg	H. Ang=90deg	
HXRBS*	15:29:50	15:30:09	15:30:23	15:30:23	Qual=00		MaxkeV=140	Step=0"	Pitch=+420"	Yaw=-866"
UVSP	15:22				Qual=01	Tot Cts=459	Rast=10"x10"			
Event # = 12302										
89/10/26,15:30	D0Y=299									
Optical	Start	Peak	End times							
GOES					S20W87	AR5747	Mac.=EKI	Carr. Lon.=212deg	H. Ang=90deg	
HXRBS*	15:30:49	15:30:51	15:30:58	15:30:58	Qual=00		MaxkeV=62	Step=0"	Pitch=+420"	Yaw=-866"
UVSP	15:22				Qual=01	Tot Cts=138	Rast=10"x10"			
Event # = 12303										
89/10/26,20:06	D0Y=299									
Optical	Start	Peak	End times							
GOES					Qual=00		MaxkeV=62	Step=5"	Pitch=+421"	Yaw=-887"
HXRBS*	20:06:38	20:06:48	20:06:52	20:06:52	Qual=01	Tot Cts=104	Rast=110"x200"			
UVSP	19:53				Qual=01	Exp #=99123				
Event # = 23396										
89/10/26,20:48	D0Y=299									
Optical	Start	Peak	End times							
GOES					Qual=05		FePeak.c/s=30	#Peaks=1	dt= 3.8s	XEN=929909
HXRBS*	20:44	20:48	21:41	21:41	Importance=M8		Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel
BCS	21:20	21:20	21:57	21:57	CaPeak.c/s=379		Rast=265"x265"	Step=5"	Pitch=+429"	Yaw=-855"
UVSP	20:44				Wavelength=1375A	Code=01				
Event # = 12304										
89/10/26,23:04	D0Y=299									
Optical	Start	Peak	End times							
GOES					Qual=00		MaxkeV=62	Step=3"	Pitch=+429"	Yaw=-855"
HXRBS*	23:04:34	23:04:40	23:04:47	23:04:47	Qual=01	Tot Cts=67	Rast=243"x243"			
UVSP	22:52				Qual=01	Exp #=99137				
Event # = 12305										
89/10/26,23:41	D0Y=299									
Optical	Start	Peak	End times							
GOES					S20W90	AR5748	Mac.=EAI	Carr. Lon.=210deg	H. Ang=92deg	
HXRBS*	23:19	23:41	00:53	00:53	Code=LPS	AR5748				
BCS	23:18:22	23:25:26	23:37:54	23:37:54	Importance=M4		MaxkeV=191	Flags=M5,EG	#Peaks=1	dt= 7.7s
UVSP	23:21	23:33	23:35	23:35	CaPeak.c/s=248		FePeak.c/s=336	Step=10"	Cad= 332s	1.024s/pixel
Radio Sweeps	23:37				Code=BSL		Rast=180"x180"	Step=0"	Pitch=+301"	Yaw=-683"
BCS	00:21	00:22	01:00	01:00	Wavelength=2788A	Code=00				
FCS					I1/2 I11/1					
UVSP	00:09				CaPeak.c/s=134	Qual= 5				
Associated										
Event # = 23397										
FePeak=00:22										
Rast=180"x180"										
Step=10"										
Pitch=0"										
Yaw=-683"										
Event # = 99139										
Exp # = 99139										

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
UVSP 01:05 Wavelength=2788A Qual=01 Tot Cts=204 MaxkeV=88
Exp #=99140 Step=0" Pitch=+301" ,Yaw=-683"

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
UVSP 02:36 Wavelength=2788A Qual=01 Tot Cts=59 MaxkeV=62
Exp #=99142 Step=0" Pitch=+301" ,Yaw=-683"

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
UVSP 02:36 Wavelength=2788A Qual=01 Tot Cts=459 MaxkeV=88
Radio Frequency(MHz)/Flux(sfu): 4995/23 8800/43 15400/74 Exp #=99142 Step=0" Pitch=+301" ,Yaw=-683"

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 Qual=01 Tot Cts=248 MaxkeV=62
FCS Wavelength=2788A Qual=1 FePeak.c/s=7 dt= 7.7s XEN=930001
UVSP 02:36 Exp #=99142 Step=0" Pitch=+301" ,Yaw=-683" Rast=240"x240"

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 Qual=01 Tot Cts=133 MaxkeV=62
FCS Wavelength=2788A Qual=4 FePeak.c/s=5 dt= 7.7s XEN=930002
UVSP 04:44 Exp #=99145 Step=0" Pitch=+301" ,Yaw=-683" Rast=240"x240"

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 Qual=01 Tot Cts=1010 MaxkeV=62
FCS Wavelength=2788A Qual=2 FePeak.c/s=14 dt= 7.7s XEN=930003
UVSP 05:37 Exp #=99146 Step=0" Pitch=+301" ,Yaw=-683" Rast=240"x240"

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	FePeak=06:55	Exp #=99150	Wavelength=1375A	Qual=1	FePeak=06:55	Exp #=99150
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	FePeak=08:29	Exp #=99160	Wavelength=1375A	Qual=1	FePeak=08:29	Exp #=99160
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	FePeak=11:01	Exp #=99170	Wavelength=1375A	Qual=5	FePeak=11:01	Exp #=99170
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	Carr. Lon.=201deg	H. Ang=90deg						
HXRBS*	11:29:59		11:31:01	Importance=M6	Qual=03	Tot Cts=1.32E+6	MaxkeV=461	Flags=EN							
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	Wavelength=1375A	Code=00	Exp #=99176	Event # = 23401	Wavelength=1375A	Code=00	Exp #=99176	Event # = 23401
FCS															
UVSP	11:31														
Radio															
Frequency (MHz)/Flux(sfu):		1415/390 2695/1000 4995/1800 8800/3100 15400/3900													
BGS	11:50		11:50	CaPeak.c/s=213	Qual=5	FePeak=11:50	Exp #=99178	Wavelength=1375A	Qual=5	FePeak=11:50	Exp #=99178	Wavelength=1375A	Qual=5	FePeak=11:50	Exp #=99178
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	Flags=1							
HXRBS*	12:32		12:47	CaPeak.c/s=173	Qual=1	FePeak=12:40	Exp #=99180	Wavelength=1375A	Qual=1	FePeak=12:40	Exp #=99180	Wavelength=1375A	Qual=1	FePeak=12:40	Exp #=99180
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	FePeak=14:21	Exp #=99188	Wavelength=1375A	Qual=2	FePeak=14:21	Exp #=99188
BGS															
FCS															
UVSP	14:22														

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Event # = 23403
89/10/27,14:47 DOY=300
Start Peak End times
GOES 14:47 14:53
BCS 14:47 14:53 FePeak=14:48 Qual=00
FCS 14:47 14:53 CaPeak.c/s=86 Qual=5
UVSP 14:43 Wavelength=1375A Exp #=99191
FePeak.c/s=13 #Peaks=1 dt= 7.7s XEN=930011
Rast=180"x180" Cad= 332s 1.024s/pixel
Rast=110"x200" Pitch=+501",Yaw=-887"

Event # = 23404
89/10/27,15:31 DOY=300
Start Peak End times
GOES 15:31 15:51
BCS 15:31 15:51 CaPeak.c/s=39 Qual=00
FCS 15:31 15:51 FePeak=15:34 Qual=5
UVSP 15:35 Wavelength=1375A Exp #=99192
FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=930012
Rast=240"x240" Cad= 262s 1.024s/pixel
Rast=265"x265" Pitch=+429",Yaw=-855"

Event # = 12311
89/10/27,19:04 DOY=300
Start Peak End times
Optical
GOES 18:57 19:04 S32W90 AR5747 Carr. Lon. =199deg H. Ang=93deg
HXRBS* 18:58:06 19:01:15 ImpImportance=X1 Qual=02
GRS 19:00:00 19:02:00 Peak...c/s=44537 Qual=03 Tot Cts=5.68E+6 MaxkeV=461
BCS 18:59 19:02 CaPeak.c/s=6479 Qual= 2 FePeak=19:02 Dur=120sec
FCS 18:58 Wavelength=1375A Code=00 Exp #=99209 FePeak.c/s=4863 #Peaks=1 dt= 3.8s XEN=930013
UVSP Radio Frequency(MHz)/Flux(sfu): 410/70 1415/310 2695/1100 4995/2600 8800/3900 15400/2400 Rast=240"x240" Cad= 262s 1.024s/pixel
Rast=110"x200" Pitch=+365",Yaw=-942"

Event # = 23405
89/10/27,20:06 DOY=300
Start Peak End times
GOES 20:04 20:06
BCS 20:04 20:06 CaPeak.c/s=132 Qual=05 FePeak=20:09
FCS 20:04 20:06 Wavelength=1375A Exp #=99213 FePeak.c/s=7 #Peaks=1 dt= 3.8s XEN=930014
UVSP 20:07 Wavelength=1375A Exp #=99213 Rast=180"x180" Cad= 332s 1.024s/pixel
Rast=265"x265" Pitch=+429",Yaw=-855"

Event # = 12657
89/10/28,04:30 DOY=301
Start Peak End times
GOES 04:09:10 04:22:46 04:32:06 Qual=02
HXRBS* 03:40 04:30 04:32 Peak...c/s=56 Qual=13 Tot Cts=5750 FePeak=04:30
BCS 04:24 04:30 04:32 CaPeak.c/s=111 Qual= 2 FePeak=04:30 MaxkeV=88
FCS 04:24 Wavelength=2788A Exp #=99244 FePeak.c/s=28 #Peaks=2 dt= 7.7s XEN=930100
UVSP 04:24 FePeak.c/s=180"x180" Cad= 332s 1.024s/pixel
Rast=180"x180" Pitch=+95",Yaw=-756"

Event # = 12312
89/10/28,07:55 DOY=301
Start Peak End times
GOES 05:10 07:55 09:50 Qual=02
HXRBS* 05:08:33 05:14:54 07:33:50 Importance=M2 Qual=14 Tot Cts=4.45E+5 MaxkeV=191
BCS 05:11 05:30 06:03 Peak...c/s=493 Qual= 3 FePeak=05:26 FePeak.c/s=218 #Peaks=1 dt= 7.7s XEN=930101
FCS 05:11 05:30 06:03 CaPeak.c/s=894 Qual= 3 FePeak=05:26 Rast=180"x180" Cad= 332s 1.024s/pixel
UVSP Radio Frequency(MHz)/Flux(sfu): 1415/20 2695/21 4995/440 8800/18 15400/97
Rast=180"x180" Pitch=+209",Yaw=+593"

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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											
GOES	21:04	21:55	23:14	Ha...Class=2N	N27E78	AR5769	Mac.=CA0	Carr. Lon.=3deg	H. Ang=77deg		
HXRBS*	22:06:27	22:07:13	22:16:42	Importance=M2	Qual=05	Tot Cts=1882	MaxkeV=62	Flags=SN			
BCS	21:08	21:08	21:40	Peak...c/s=60	Qual=02	FePeak=21:08	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=930400	
FCS				CaPeak.c/s=40	Qual=5		Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
UVSP	22:12			Wavelength=1375A		Exp #=99288	Rast=265"x265"	Step=5"	Pitch=-358"	Yaw=-683"	
89/10/31 DOY=304											
Event # = 12316											
89/10/31,07:47	DOY=304		End times								
GOES											
HXRBS*	07:46:35	07:47:25	07:48:27	SMM Pointing:	N25W70	Tot Cts=1226	Pitch=-384"	Yaw=-823"	Roll=0deg	H. Ang=70deg	
UVSP	08:13			Peak...c/s=72	Qual=01	Exp #=99332	Rast=180"x1"	Step=0"	Pitch=-251"	Yaw=-643"	

Event # = 12317														
89/10/31,08:13	DOY=304													
Start	Peak													
SMM Pointing: N25W70 Pitch=-384",Yaw=-823",Roll=0deg H.Ang=70deg														
GOES														
HXRBS* 08:13:21	08:13:47	08:14:07	Qual=00											
UVSP 08:13	Peak...c/s=55		Qual=01											
Radio Sweeps	Wavelength=2788A													
Radio Frequency(MHz)/Flux(sfu):	245/160													
SMM Pointing: N25W72 Pitch=-387",Yaw=-834",Roll=0deg H.Ang=72deg														
Event # = 12318														
89/10/31,11:00	DOY=304													
Start	Peak													
SMM Pointing: N25W72 Pitch=-387",Yaw=-834",Roll=0deg H.Ang=72deg														
GOES														
HXRBS* 11:00:07	11:00:12	11:00:22	Qual=00											
UVSP 11:16	Peak...c/s=49		Qual=01											
Radio Sweeps	Wavelength=2788A													
Radio Frequency(MHz)/Flux(sfu):	245/160													
SMM Pointing: N25W72 Pitch=-387",Yaw=-834",Roll=0deg H.Ang=72deg														
Event # = 12319														
89/10/31,11:21	DOY=304													
Start	Peak													
SMM Pointing: N25W72 Pitch=-387",Yaw=-834",Roll=0deg H.Ang=72deg														
GOES														
HXRBS* 11:21:06	11:21:13	11:22:09	Qual=00											
UVSP 11:16	Peak...c/s=55		Qual=01											
Radio Sweeps	Wavelength=2788A													
Radio Frequency(MHz)/Flux(sfu):	245/160													
SMM Pointing: N25W72 Pitch=-387",Yaw=-834",Roll=0deg H.Ang=72deg														
Event # = 12321														
89/10/31,16:37	DOY=304													
Start	Peak													
SMM Pointing: N26W74 Pitch=-391",Yaw=-845",Roll=-1deg H.Ang=74deg														
GOES														
HXRBS* 16:13	16:37	17:19	Qual=04											
UVSP 16:33:26	16:35:38	16:42:30	Qual=02											
Radio Sweeps	Wavelength=2788A													
Radio Frequency(MHz)/Flux(sfu):	245/160													
SMM Pointing: N26W74 Pitch=-391",Yaw=-845",Roll=-1deg H.Ang=74deg														
Event # = 12322														
89/11/01,03:14	DOY=305													
Start	Peak													
SMM Pointing: N23E41 Pitch=-326",Yaw=+581",Roll=0deg H.Ang=43deg														
GOES														
HXRBS* 03:08	03:14	03:22	Qual=04											
UVSP 03:09:45	03:10:04	03:11:20	Qual=01											
Radio Sweeps	Wavelength=2788A													
Radio Frequency(MHz)/Flux(sfu):	245/370	410/77	2695/35	4995/68	8800/46									
SMM Pointing: N04W00 Pitch=-326",Yaw=+581",Roll=0deg H.Ang=43deg														
Event # = 12323														
89/11/01,06:28	DOY=305													
Start	Peak													
SMM Pointing: N04W00 Pitch=+0",Yaw=+0",Roll=0deg H.Ang=0deg														
GOES														
HXRBS* 06:21	06:28	06:36	Qual=01											
UVSP 06:20:21	06:21:25	06:23:22	Qual=01											
Radio Sweeps	Wavelength=2788A													
Radio Frequency(MHz)/Flux(sfu):	245/370	410/77	2695/35	4995/68	8800/46									
SMM Pointing: N04W00 Pitch=+0",Yaw=+0",Roll=0deg H.Ang=0deg														
Event # = 12324														
89/11/01,21:27	DOY=305													
Start	Peak													
SMM Pointing: N23E30 Pitch=-320",Yaw=+451",Roll=0deg H.Ang=35deg														
Optical														
GOES 21:24	21:27	21:32	N21E81											
HXRBS* 21:24:08	21:24:25	21:25:02	Qual=01											
UVSP 21:27	21:24:08	21:25:02	Qual=01											
Radio Sweeps	Wavelength=1375A													
Radio Frequency(MHz)/Flux(sfu):	245/370	410/77	2695/35	4995/68	8800/46									
SMM Pointing: N23E30 Pitch=-320",Yaw=+451",Roll=0deg H.Ang=35deg														
Carr. Lon. = 321deg H.Ang=80deg														
Flags=ND Step=5" Pitch=-312",Yaw=+463"														

Event # = 12325	DOY=305	SMM Pointing:	N23E30	Pitch=-320", Yaw=+451", Roll=0deg	H. Ang=35deg
89/11/01,21:35	Peak	End times			
GOES			Qual=01		
HXRBS* 21:35:24	21:35:26	21:36:15	Qual=01	MaxkeV=62	Pitch=-400", Yaw=+471"
UVSP 21:29				Rast=70"x70"	
Radio Frequency(MHz)/Flux(sfu):		410/150	Tot Cts=188	Step=5"	
			Exp #=99378		
89/11/02 DOY=306					
Event # = 12326	DOY=306	SMM Pointing:	N23E28	Pitch=-319", Yaw=+417", Roll=0deg	H. Ang=33deg
89/11/02,02:23	Peak	End times			
GOES			Qual=06		
HXRBS* 02:23:34	02:23:45	02:24:09	Qual=01	MaxkeV=88	Pitch=-311", Yaw=+430"
UVSP 01:58				Rast=265"x265"	
			Tot Cts=209	Step=5"	
			Exp #=99381		
89/11/02 DOY=306					
Event # = 12327	DOY=306	SMM Pointing:	N04W00	Pitch=+0", Yaw=+0", Roll=12deg	H. Ang=0deg
89/11/02,03:36	Peak	End times			
Optical				Mac.=EKI	Carr. Lon.=11deg
GOES 03:32	03:36	03:41		MaxkeV=62	H. Ang=34deg
HXRBS* 03:32:45	03:34:07	03:34:37		Rast=180"x1"	
UVSP 03:16				Step=0"	Pitch=-3", Yaw=+0"
			Tot Cts=979		
			Exp #=99383		
89/11/02 DOY=306					
Event # = 12328	DOY=306	SMM Pointing:	N04W00	Pitch=+0", Yaw=+0", Roll=12deg	H. Ang=0deg
89/11/02,04:08	Peak	End times			
GOES			Qual=02		
HXRBS* 04:06:30	04:08:25	04:17:49	Qual=14	MaxkeV=88	Flags=EN,SG,DG,MD
UVSP 04:11				Rast=180"x1"	Step=0", Pitch=-3", Yaw=+0"
			Tot Cts=4089		
			Exp #=99384		
89/11/02 DOY=306					
Event # = 12329	DOY=306	SMM Pointing:	N04W00	Pitch=+1", Yaw=+3", Roll=-176deg	H. Ang=0deg
89/11/02,08:09	Peak	End times			
GOES			Qual=01		
HXRBS* 08:09:05	08:09:32	08:09:51	Qual=01	MaxkeV=88	Pitch=-3", Yaw=+0"
UVSP 08:43				Rast=180"x1"	
Radio Frequency(MHz)/Flux(sfu):		245/490	Tot Cts=1110	Step=0"	
			Exp #=99391		
89/11/02 DOY=306					
Event # = 12330	DOY=306	SMM Pointing:	N04W00	Pitch=+1", Yaw=+3", Roll=-176deg	H. Ang=0deg
89/11/02,10:18	Peak	End times			
GOES			Qual=01		
HXRBS* 10:15	10:18	10:21	Qual=01	MaxkeV=298	Flags=M5
UVSP 09:18	10:16:24	10:17:01		Rast=180"x1"	Step=0"
Radio Frequency(MHz)/Flux(sfu):		606/2	Tot Cts=19959	Step=0"	Pitch=-3", Yaw=+0"
			Exp #=99392		
89/11/02 DOY=306					
Event # = 12331	DOY=306	SMM Pointing:	N04W00	Pitch=+1", Yaw=+3", Roll=-176deg	H. Ang=0deg
89/11/02,10:19	Peak	End times			
GOES			Qual=00		
HXRBS* 10:19:31	10:19:42	10:19:54	Qual=01	MaxkeV=88	
			Tot Cts=214		

Event # = 12332	DOY=306	SMM Pointing:	N23E23	Pitch=-316", Yaw=+348", Roll=0deg	H. Ang=29deg
89/11/02, 11:11	Peak	End times			
GOES			Qual=00		
HXRBS*	11:10:15	11:11:29	Peak...c/s=48	MaxkeV=62	
UVSP	11:45		Wavelength=2788A	Rast=180" x1"	Pitch=-182", Yaw=+273"
Event # = 12333					
89/11/02, 11:14	DOY=306	SMM Pointing:	N23E23	Pitch=-316", Yaw=+348", Roll=0deg	H. Ang=29deg
GOES		End times	Qual=00		
HXRBS*	11:14:34	11:14:52	Peak...c/s=55	MaxkeV=62	
UVSP	11:45		Wavelength=2788A	Rast=180" x1"	Pitch=-182", Yaw=+273"
Event # = 12334					
89/11/02, 12:55	DOY=306	SMM Pointing:	N23E22	Pitch=-316", Yaw=+337", Roll=0deg	H. Ang=28deg
Optical		End times			
Optical			Ha...Class=2B	Mac.=DAO	
GOES	12:46	13:11	Code=BSL	Carr. Lon.=320deg	H. Ang=74deg
HXRBS*	12:47:18	13:10:14	Importance=M3	Carr. Lon.=319deg	H. Ang=75deg
UVSP	13:15		Peak...c/s=194	Flags=DG,ND	
Radio			Wavelength=2788A	Step=0"	Pitch=-181", Yaw=+261"
			245/6200 606/140	1415/179	4995/120 8800/62 15400/51
Event # = 12335					
89/11/02, 17:26	DOY=306	SMM Pointing:	N23E20	Pitch=-315", Yaw=+301", Roll=0deg	H. Ang=27deg
Optical		End times			
GOES			Ha...Class=SF	Mac.=DAO	
HXRBS*	17:26:05	17:26:31	Peak...c/s=65	MaxkeV=88	
UVSP	16:52		Wavelength=2788A	Rast=180" x1"	Pitch=-180", Yaw=+233"
Radio			Type/Intensity: V/I	Step=0"	
Radio			Frequency(MHz)/Flux(sfu): 245/150		
Event # = 12336					
89/11/02, 18:50	DOY=306	SMM Pointing:	N05W01	Pitch=-9", Yaw=-9", Roll=14deg	H. Ang=1deg
GOES		End times	Qual=00		
HXRBS*	18:50:31	18:51:29	Peak...c/s=47	MaxkeV=88	
UVSP	18:23		Wavelength=2788A	Rast=180" x1"	Pitch=-134", Yaw=-70"
Event # = 12337					
89/11/02, 21:53	DOY=306	SMM Pointing:	N23E17	Pitch=-315", Yaw=+263", Roll=0deg	H. Ang=25deg
GOES		End times	Qual=00		
HXRBS*	21:52:52	21:53:17	Peak...c/s=93	MaxkeV=114	
UVSP	21:43		Wavelength=1375A	Rast=70" x70"	Pitch=-321", Yaw=+285"
Event # = 12338					
89/11/02, 23:35	DOY=306	SMM Pointing:	N23E16	Pitch=-315", Yaw=+253", Roll=0deg	H. Ang=25deg
GOES		End times	Qual=01		
HXRBS*	23:35:05	23:36:21	Peak...c/s=197	MaxkeV=192	
UVSP	23:11		Wavelength=1375A	Rast=70" x70"	Pitch=-321", Yaw=+274"
Radio			Type/Intensity: III/2	Step=5"	
Radio			Frequency(MHz)/Flux(sfu): 245/200		

89/11/03 DOY=307

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"

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 Type/Intensity: III/2 V/3
 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=01 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"x0" 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" 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=I

Event # = 12344			SMM Pointing:			N16E60			Pitch=-233" , Yaw=+805" , Roll=0deg			H. Ang=60deg		
89/11/03	15:53	DOY=307	Start	End times										
Optical		Peak			Ha...Class=SF	N16E60			Mac.=DKO					
GOES	15:49	15:53	15:58	15:58	Importance=C2	Qual=01			Carr. Lon.=319deg					
HXRBS*	15:49:19	15:50:41	15:51:31		Peak...c/s=158	Qual=01								
BCS	15:52	15:53	15:57		CaPeak.c/s=38	Qual= 4								
FCS														
UVSP	16:32				Wavelength=2788A									
Radio Sweeps					III/1									
Event # = 12345			SMM Pointing:			N16E60			Pitch=-233" , Yaw=+805" , Roll=0deg			H. Ang=60deg		
89/11/03	16:03	DOY=307	Start	End times										
Optical		Peak			Ha...Class=SF	Qual=00								
GOES	16:02	16:03	16:03:38		Importance=C3	Qual=01								
HXRBS*	16:02:48	16:03:02	16:03:38		Peak...c/s=138	Qual=01								
UVSP	16:32				Wavelength=2788A									
Event # = 12346			SMM Pointing:			N16E60			Pitch=-233" , Yaw=+805" , Roll=0deg			H. Ang=60deg		
89/11/03	16:08	DOY=307	Start	End times										
Optical		Peak			Ha...Class=SF	Qual=03								
GOES	16:05	16:08	16:13		Importance=C3	Qual=01								
HXRBS*	16:05:14	16:05:32	16:07:01		Peak...c/s=80	Qual=01								
UVSP	16:32				Wavelength=2788A									
Event # = 23412			SMM Pointing:			N18E59			Carr. Lon.=318deg			H. Ang=59deg		
89/11/03	19:58	DOY=307	Start	End times										
Optical		Peak			Ha...Class=SF	Qual=05								
GOES	19:52	19:58	20:08		Importance=M3	Qual= 5								
BCS	20:19	20:20	20:22		CaPeak.c/s=21									
FCS														
UVSP	20:09				Wavelength=2788A									
Event # = 23413			SMM Pointing:			N04W00			Pitch=+0" , Yaw=+0" , Roll=179deg			H. Ang=0deg		
89/11/04	03:56	DOY=308	Start	End times										
Optical		Peak			Ha...Class=SF	Qual=00								
GOES	03:53	03:56	04:08		Importance=C3	Qual= 1								
BCS	03:53	03:56	04:08		Peak...c/s=43									
FCS														
UVSP	03:58				Wavelength=1375A									
Event # = 12347			SMM Pointing:			N04W00			Pitch=+0" , Yaw=+0" , Roll=179deg			H. Ang=0deg		
89/11/04	09:46	DOY=308	Start	End times										
Optical		Peak			Ha...Class=SF	Qual=04								
GOES	09:57	10:01	10:05		Importance=C3	Qual=01								
HXRBS*	09:58:24	09:58:35	09:59:39		Peak...c/s=44	Code=00								
UVSP	09:46				Wavelength=2788A									

Event # = 12348									
89/11/04, 10:43	DOY=308	Start	End times	SMM Pointing:	N04W00			Pitch=+0", Yaw=+0", Roll=179deg	H. Ang=0deg
Optical	Peak			Ha...Class=SF				Mac.=EKI	Carr. Lon.=15deg
GOES	10:43	10:45		Importance=C2	N26W06	AR5769		MaxkeV=114	H. Ang=23deg
HXRBS*	10:38:01	10:43:31		Peak...c/s=158	Qual=01			Rast=180"x1"	
UVSP	09:46			Wave length=2788A	Qual=01	Tot Cts=3413		Step=0"	Pitch=+134", Yaw=-70"
						Exp #=99437			
Event # = 12350									
89/11/04, 13:31	DOY=308	Start	End times	SMM Pointing:	N16E48			Pitch=-222", Yaw=+692", Roll=0deg	H. Ang=49deg
GOES	13:31:26	13:32:26		Peak...c/s=217	Qual=00			MaxkeV=140	
HXRBS*	13:43			Wave length=2788A	Qual=11	Tot Cts=3024		Rast=180"x1"	Flags=IS
UVSP				245/2300 410/200		Exp #=99440		Step=0"	Pitch=-87", Yaw=+620"
Radio	Frequency(MHz)/Flux(sfu):				606/1800				
Event # = 12349									
89/11/04, 14:31	DOY=308	Start	End times	SMM Pointing:	N16E48			Pitch=-222", Yaw=+692", Roll=0deg	H. Ang=49deg
Optical	Peak			Ha...Class=SF	N22W04	AR5769		Mac.=EKI	Carr. Lon.=10deg
GOES	14:30:36	14:32:03		Peak...c/s=44	Qual=01			MaxkeV=88	H. Ang=18deg
HXRBS*	14:18			Wave length=2788A	Qual=01	Tot Cts=270		Rast=180"x1"	
UVSP						Exp #=99441		Step=0"	Pitch=-87", Yaw=+617"
Event # = 12351									
89/11/04, 21:05	DOY=308	Start	End times	SMM Pointing:	N16E44			Pitch=-219", Yaw=+647", Roll=0deg	H. Ang=45deg
Optical	Peak			Ha...Class=SF	N26W11	AR5769		Mac.=EKI	Carr. Lon.=14deg
GOES	21:05:28	21:06:03		Peak...c/s=86	Qual=00			MaxkeV=88	H. Ang=24deg
HXRBS*	20:43			Wave length=2788A	Qual=01	Tot Cts=532		Rast=39"x39"	
UVSP						Exp #=99449		Step=3"	Pitch=-147", Yaw=+619"
Radio	Type/Intensity:			III/1					
Radio	Frequency(MHz)/Flux(sfu):			410/1200					
89/11/05									
DOY=309									
Event # = 12352									
89/11/05, 02:42	DOY=309	Start	End times	SMM Pointing:	N16E41			Pitch=-218", Yaw=+615", Roll=0deg	H. Ang=42deg
GOES	02:42:02	02:42:46		Peak...c/s=62	Qual=01			MaxkeV=114	
HXRBS*	02:38			Wave length=1375A	Qual=01	Tot Cts=663		Rast=70"x70"	Pitch=-234", Yaw=+559"
UVSP						Exp #=99454		Step=5"	
Event # = 12353									
89/11/05, 05:53	DOY=309	Start	End times	SMM Pointing:	N16E40			Pitch=-217", Yaw=+595", Roll=0deg	H. Ang=41deg
Optical	Peak			Ha...Class=1N	N25W90	AR5763		Mac.=HSX	Carr. Lon.=88deg
GOES	05:45	06:00		Importance=C4	Qual=01			MaxkeV=88	H. Ang=88deg
HXRBS*	05:50:44	05:54:01		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"	Cad=3840s
UVSP	05:41			Wave length=1375A	Code=00	Exp #=99456		Rast=265"x265"	Pitch=-209", Yaw=+601"

Event # = 12354		DOY=309		SMM Pointing:		N16E39		Pitch=-217",Yaw=+585",Roll=0deg		H.Ang=40deg	
89/11/05,06:23		Peak		End times		N15W46		Carr. Lon.=44deg		H.Ang=47deg	
Optical		Ha...Class=SF		Peak...c/s=48		Qual=01		Step=0"		Pitch=-132",Yaw=+634"	
GOES		Wavelength=1375A		Tot Cts=163		Exp #=99457					
HXRBS*		06:23:05 06:23:13 06:23:28									
UVSP		06:21									
Event # = 12355		DOY=309		SMM Pointing:		N16E38		Pitch=-213",Yaw=+574",Roll=0deg		H.Ang=39deg	
89/11/05,07:30		Peak		End times		N23W13		Mac.=EKI		H.Ang=23deg	
Optical		Ha...Class=1F		Importance=M1		Qual=11		Flags=DG			
GOES		07:19 07:30 08:01		Peak...c/s=335		4995/95		Step=0"		Pitch=-82",Yaw=+502"	
HXRBS*		07:18:13 07:23:09 07:28:26		Wavelength=2788A		Exp #=99459					
UVSP		07:52		1415/38 2695/120		8800/30					
Radio		Frequency(MHz)/Flux(sfu):									
Event # = 12356		DOY=309		SMM Pointing:		N16E36		Pitch=-211",Yaw=+544",Roll=0deg		H.Ang=37deg	
89/11/05,12:13		Peak		End times		Qual=00		MaxkeV=165			
GOES		12:13:17 12:13:34 12:14:15		Peak...c/s=225		Qual=01		Rast=180"x1"		Pitch=-80",Yaw=+470"	
HXRBS*		12:24		Type/Intensity:				Flags=FS			
UVSP		12:24		III/2				Step=0"			
Radio		Frequency(MHz)/Flux(sfu):		245/290							
Event # = 23411		DOY=309		SMM Pointing:		N17E33		Mac.=DKI		H.Ang=35deg	
89/11/05,19:30		Peak		End times		Qual=03		Carr. Lon.=318deg			
Optical		Ha...Class=SF		Importance=C3		Qual=1		FePeak.c/s=9		dt= 3.8s	
GOES		19:21 19:30 19:38		CaPeak.c/s=33				Rast=0"x0"		XEN=930901	
BCS		19:23 19:29 19:39		Wavelength=2788A				Step=0"		3840s/pixel	
FCS		19:02		245/87				Step=0"		Pitch=-79",Yaw=+421"	
UVSP		19:02									
Event # = 12357		DOY=309		SMM Pointing:		N16E32		Pitch=-213",Yaw=+488",Roll=0deg		H.Ang=33deg	
89/11/05,19:43		Peak		End times		Qual=05		MaxkeV=62			
GOES		19:43:23 19:43:53 19:44:31		Peak...c/s=47		Qual=01		Rast=180"x1"		Pitch=-79",Yaw=+421"	
HXRBS*		19:02		Wavelength=2788A							
UVSP		19:02		245/87							
Radio		Frequency(MHz)/Flux(sfu):									
Event # = 12359		DOY=309		SMM Pointing:		N16E32		Pitch=-213",Yaw=+488",Roll=0deg		H.Ang=33deg	
89/11/05,20:06		Peak		End times		N16E31		Mac.=DKI		H.Ang=33deg	
Optical		Ha...Class=SF		Importance=C3		Qual=02		Carr. Lon.=319deg			
GOES		20:00 20:06 20:15		Peak...c/s=173		Qual=01		MaxkeV=114			
HXRBS*		20:04:12 20:04:54 20:05:05		Wavelength=2788A				Rast=243"x243"		Step=3" Pitch=-205",Yaw=+491"	
UVSP		20:48		V/2							
Radio		Type/Intensity:									
HXRBS*		20:02:01 20:02:39 20:03:05		Peak...c/s=74		Associated		Event # = 12358		-----	
Radio		Frequency(MHz)/Flux(sfu):		245/300 410/84		Qual=01		Tot Cts=1109		MaxkeV=88	

Event # = 12360		89/11/05, 22:15, Yaw=+478", Roll=0deg		Pitch=-215", Yaw=+478", Roll=0deg		H. Ang=33deg	
89/11/05, 22:12	Start	22:16	Peak	DOY=309	End times	N16E31	Mac. =DKI
Optical							Carr. Lon. =323deg
GOES	22:12	22:16		AR5776		N17E26	
HXRBS*	22:13:22	22:13:38		Qual=01		Qual=01	
BCS	22:14	22:15		Importance=C4		Tot Cts=3205	
FCS				Peak...c/s=225		FePeak=22:14	
UVSP	22:19			CaPeak.c/s=139		Qual= 5	
				Wave length=1375A		Code=02	
				Exp #=99476		Maxkel=88	
						FePeak.c/s=31	
						Rast=0"x0"	
						Rast=265"x265"	
						Pitch=-205", Yaw=+479"	
						#Peaks=1	
						dt= 3.8s	
						Cad=3840s	
						3840s/pixel	
						Step=0"	
						Step=5"	
<hr/>							
Event # = 23414		89/11/06, 01:34		DOY=310			
89/11/06, 01:30	Start	01:34	Peak	DOY=310	End times	N16E27	
GOES							
BCS	01:30	01:34		FePeak=01:36		Qual=00	
FCS				Qual= 4		Qual= 4	
UVSP	01:20			Exp #=99479		FePeak.c/s=8	
						Rast=70"x70"	
						Pitch=5"	
						dt= 7.7s	
						XEN=931000	
						Cad=1.02s	
						1.024s/pixel	
						Step=0"	
						Step=5"	
<hr/>							
Event # = 23415		89/11/06, 01:53		DOY=310			
89/11/06, 01:49	Start	01:53	Peak	DOY=310	End times	N16E27	
GOES							
BCS	01:49	01:53		FePeak=01:51		Qual=00	
FCS				Qual= 1		Qual= 1	
UVSP	01:20			Exp #=99479		FePeak.c/s=10	
						Rast=0"x0"	
						Rast=70"x70"	
						Pitch=5"	
						dt= 7.7s	
						XEN=931001	
						Cad=1.02s	
						1.024s/pixel	
						Step=0"	
						Step=5"	
<hr/>							
Event # = 12361		89/11/06, 04:19		DOY=310			
89/11/06, 04:18	Start	04:19:18	Peak	DOY=310	End times	N16E27	
GOES							
HXRBS*	04:19:05	04:19:18		FePeak=01:51		Qual=00	
UVSP	04:21			Qual=01		Qual=01	
Radio Sweeps	Type/Intensity:			Tot Cts=543		Maxkel=140	
Radio Frequency(MHz)/Flux(sfu):	245/2400	410/77		Exp #=99481		Rast=70"x70"	
						Pitch=5"	
						dt= 7.7s	
						XEN=931001	
						Cad=1.02s	
						1.024s/pixel	
						Step=0"	
						Step=5"	
<hr/>							
Event # = 12362		89/11/06, 04:21		DOY=310			
89/11/06, 04:21	Start	04:21:23	Peak	DOY=310	End times	N16E27	
GOES							
HXRBS*	04:21:00	04:21:23		FePeak=01:51		Qual=00	
UVSP	04:21			Qual=01		Qual=01	
				Tot Cts=371		Maxkel=88	
				Exp #=99481		Rast=70"x70"	
						Pitch=5"	
						dt= 7.7s	
						XEN=931001	
						Cad=1.02s	
						1.024s/pixel	
						Step=0"	
						Step=5"	
<hr/>							
Event # = 12363		89/11/06, 07:34		DOY=310			
89/11/06, 07:34	Start	07:34:59	Peak	DOY=310	End times	N16E25	
GOES							
HXRBS*	07:34:49	07:34:59		FePeak=01:51		Qual=00	
UVSP	07:22			Qual=01		Qual=01	
				Tot Cts=97		Maxkel=62	
				Exp #=99483		Rast=70"x70"	
						Pitch=5"	
						dt= 7.7s	
						XEN=931001	
						Cad=1.02s	
						1.024s/pixel	
						Step=0"	
						Step=5"	

Event # = 12364		89/11/06,08:59		DOY=310	Peak	SMM Pointing:		N16E24	Pitch=-210",Yaw=+383",Roll=0deg		H.Ang=27deg
Optical	GOES	08:58:46		08:59:13	08:59:35	Ha...Class=SF	Qual=00	N19E51	AR5783	Mac.=DAO	H.Ang=52deg
Radio	HXRBS*	08:39		08:39	08:39	Peak...c/s=70	Qual=01	Qual=01	Tot Cts=405	MaxkeV=88	
	UVSP	08:39		08:39	08:39	WaveLength=2788A	606/420	Exp #=99484	Step=0"	Rast=180"x1"	Pitch=-75",Yaw=+314"
Event # = 12660		89/11/06,09:06		DOY=310	Peak	SMM Pointing:		N16E24	Pitch=-210",Yaw=+383",Roll=0deg		H.Ang=27deg
Optical	GOES	09:06:00		09:06:06	09:06:20	Peak...c/s=48	Qual=00	Qual=01	Tot Cts=115	MaxkeV=62	
Radio	HXRBS*	08:39		08:39	08:39	WaveLength=2788A	245/48	Exp #=99484	Step=0"	Rast=180"x1"	Pitch=-75",Yaw=+314"
	UVSP	08:39		08:39	08:39	410/160					
Event # = 12366		89/11/06,09:24		DOY=310	Peak	SMM Pointing:		N16E24	Pitch=-210",Yaw=+383",Roll=0deg		H.Ang=27deg
Optical	GOES	09:10		09:24	09:32	Ha...Class=SF	Qual=01	AR5776	AR5783	Mac.=DKI	H.Ang=27deg
Radio	HXRBS*	09:17:17		09:17:44	09:22:34	Importance=C8	Qual=01	Tot Cts=21017	FePeak=09:22	Carr.Lon.=319deg	H.Ang=51deg
	BFS	09:18		09:22	09:35	Peak...c/s=571	Qual=1	Exp #=99485	#Peaks=1	Carr.Lon.=293deg	
	UVSP	09:35		09:35	09:35	CaPeak.c/s=205			dt= 3.8s		
Radio	HXRBS*	09:11:49		09:13:22	09:15:23	WaveLength=2788A	III/2	245/530	606/220	4995/59	8800/66
	UVSP	09:11:49		09:13:22	09:15:23	4995/59	8800/66	Associated Event # = 12365			
	UVSP	09:11:49		09:13:22	09:15:23	Peak...c/s=196	Qual=01	Tot Cts=5551	MaxkeV=114		
Event # = 12368		89/11/06,10:51		DOY=310	Peak	SMM Pointing:		N16E23	Pitch=-210",Yaw=+369",Roll=0deg		H.Ang=26deg
Optical	GOES	10:50:56		10:51:10	10:51:18	Peak...c/s=50	Qual=00	Qual=01	Tot Cts=143	MaxkeV=62	
Radio	HXRBS*	11:05		11:05	11:05	WaveLength=2788A		Exp #=99487	Step=0"	Rast=180"x1"	Pitch=-75",Yaw=+294"
Event # = 12369		89/11/06,11:08		DOY=310	Peak	SMM Pointing:		N16E23	Pitch=-210",Yaw=+369",Roll=0deg		H.Ang=26deg
Optical	GOES	11:08:07		11:08:17	11:08:29	Peak...c/s=39	Qual=00	Qual=01	Tot Cts=75	MaxkeV=62	
Radio	HXRBS*	12:06:27		12:10:06	12:37:38	WaveLength=2788A	245/35000	410/12000	606/1800	1415/250	2695/360
	UVSP	12:36		12:36	12:36	410/12000	606/1800	1415/250	2695/360	4995/760	8800/760
	UVSP	12:36		12:36	12:36	8800/760	15400/890				
Event # = 12370		89/11/06,12:14		DOY=310	Peak	SMM Pointing:		N16E23	Pitch=-209",Yaw=+358",Roll=0deg		H.Ang=25deg
Optical	GOES	12:08		12:14	12:26	Ha...Class=IN	Qual=04	AR5776	AR5781	Mac.=DKI	H.Ang=27deg
Radio	HXRBS*	12:06:27		12:10:06	12:37:38	Importance=M4	Qual=12	Tot Cts=5.19E+5	MaxkeV=298	Carr.Lon.=317deg	H.Ang=31deg
	UVSP	12:36		12:36	12:36	Peak...c/s=4461	Qual=12	Exp #=99489	Rast=180"x1"	Step=0"	Pitch=-74",Yaw=+281"
	UVSP	12:36		12:36	12:36	WaveLength=2788A	245/35000	410/12000	606/1800	1415/250	2695/360
	UVSP	12:36		12:36	12:36	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:
 Frequency (MHz)/Flux(sfu): 606/190
 Carr. Lon.=312deg H. Ang=30deg
 Mac.=CS0
 #Peaks=1 dt= 7.7s XEN=931003
 Step=0" Cad= 127s 127.2s/pixel
 Step=0" Pitch=-74", Yaw=+281"

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
 Mac.=DKI Carr. Lon.=321deg H. Ang=25deg
 MaxkeV=271
 #Peaks=2 dt= 7.7s XEN=931004
 Step=0" Cad=.26s 0.256s/pixel
 Step=0" Pitch=-74", Yaw=+269"

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
 Mac.=DKI Carr. Lon.=322deg H. Ang=21deg
 MaxkeV=165
 #Peaks=1 dt= 7.7s XEN=931005
 Step=0" Cad=3840s 3840s/pixel
 Step=0" Pitch=+321", Yaw=-385"

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
 Carr. Lon.=312deg H. Ang=30deg
 Mac.=CS0
 #Peaks=1 dt= 7.7s XEN=931003
 Step=0" Cad= 127s 127.2s/pixel
 Step=0" Pitch=-74", Yaw=+281"

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
 Ha...Class=1F N18E14
 Importance=M3 Qual=04
 Peak...c/s=74
 CaPeak.c/s=1049 Qual= 5
 Wavelength=2788A Code=02
 III/2
 Type/Intensity:
 Frequency (MHz)/Flux(sfu):
 SMM Pointing: N16E18
 H. Ang=21deg
 Mac.=DKI Carr. Lon.=323deg H. Ang=20deg
 MaxkeV=62
 #Peaks=1 dt= 3.8s XEN=931006
 Step=0" Cad= 262s 1.024s/pixel
 Step=3" Pitch=-201", Yaw=+294"

Event # = 23418								
89/11/06,21:21	DOY=310	Peak						
Optical		End times						
GOES								
BGS	21:21	21:28	21:21	AR5783	Mac.=DAO	Carr. Lon.=295deg	H. Ang=42deg	
FCS					FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=931007
UVSP	21:08				Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel
					Rast=39"x39"	Step=3"	Pitch=-174"	Yaw=+192"
Event # = 12373								
89/11/06,23:01	DOY=310	Peak						
Optical		End times						
GOES								
BGS	22:56	23:11						
HXRBS*	22:56:47	22:57:53	22:58:30					
UVSP	22:33							
Event # = 23419								
89/11/07,00:46	DOY=311	Peak						
GOES		End times						
BGS	00:45	00:49	00:46	FePeak=00:46				
FCS								
UVSP	00:02							
Radio Sweeps		Type/Intensity:						
Event # = 12374								
89/11/07,01:31	DOY=311	Peak						
GOES		End times						
HXRBS*	01:28:02	01:28:21	01:29:28					
BGS	01:31	01:31	01:32					
FCS								
UVSP	01:33							
Radio Sweeps		Type/Intensity:						
Event # = 12375								
89/11/07,01:39	DOY=311	Peak						
GOES		End times						
HXRBS*	01:39:03	01:39:37	01:40:41					
UVSP	01:33							
Radio Sweeps		Type/Intensity:						
Event # = 23420								
89/11/07,02:18	DOY=311	Peak						
GOES		End times						
BGS	02:01	02:18	02:19	FePeak=02:16				
FCS								
UVSP	01:33							

Event # = 12376
 89/11/07, 02:41 Start DOY=311 Peak
 Optical
 GOES 02:30 02:41 03:16 03:16 End times
 HXRBS* 02:56:47 02:56:57 02:57:14 02:57:14
 UVSP 03:03
 SMM Pointing: N16E15
 Ha...Class=1N
 Importance=M2
 Peak...c/s=41
 Wavelength=1375A
 Associated
 Qual=01
 Peak...c/s=93
 Associated
 Qual=01
 Peak...c/s=69
 Associated
 Qual=01
 Pitch=-208", Yaw=+243", Roll=0deg
 Mac.=DAO
 Carr. Lon.=277deg
 H.Ang=19deg
 H.Ang=57deg
 MaxkeV=88
 Rast=70"x70" Step=5" Pitch=-243", Yaw=+185"
 Event # = 12377
 Exp #=99505
 Tot Cts=77
 MaxkeV=140
 Rast=70"x70" Step=5" Pitch=-243", Yaw=+185"
 Event # = 12378
 Exp # = 12378
 Tot Cts=391
 MaxkeV=140

Event # = 12379
 89/11/07, 03:23 Start DOY=311 Peak
 Optical
 GOES 03:18 03:23 03:45 03:45 End times
 HXRBS* 03:14:57 03:19:40 03:35:16 03:21:00
 GRS 03:18:00 03:21:00
 BCS 02:59 03:21 03:45
 FCS
 UVSP 03:03
 Radio Sweeps
 Type/Intensity: V/2
 Radio Frequency (MHz)/Flux(sfu): 245/4300 410/750 606/230 1415/2900 2695/430 4995/280 8800/1100 15400/690
 HXRBS* 03:37:27 03:37:42 03:37:56 03:21:00
 Radio Sweeps
 Type/Intensity: II/2
 Associated
 Qual=01
 Peak...c/s=49
 CaPeak.c/s=3145
 Code=00
 Exp #=99505
 FePeak=03:21
 FePeak.c/s=1158 #Peaks=2 dt= 7.7s XEN=931104
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
 Rast=70"x70" Step=5" Pitch=-243", Yaw=+185"
 Associated
 Qual=01
 Peak...c/s=63
 III/3
 HXRBS* 03:38:59 03:39:27 03:39:38 03:21:00
 Radio Sweeps
 Type/Intensity: III/3
 Associated
 Qual=5
 FePeak=03:45
 FePeak.c/s=10 #Peaks=1 dt= 7.7s XEN=931105
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
 Associated
 Qual=01
 Peak...c/s=88
 MaxkeV=88
 Pitch=-208", Yaw=+230", Roll=0deg
 Mac.=DKI
 Carr. Lon.=320deg
 H.Ang=21deg
 H.Ang=19deg
 MaxkeV=461
 Flags=M5
 Dur=180sec
 FePeak.c/s=1158 #Peaks=2 dt= 7.7s XEN=931104
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
 Rast=70"x70" Step=5" Pitch=-243", Yaw=+185"
 Associated
 Qual=01
 Peak...c/s=49
 CaPeak.c/s=3145
 Code=00
 Exp #=99505
 FePeak=03:21
 FePeak.c/s=1158 #Peaks=2 dt= 7.7s XEN=931104
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
 Rast=70"x70" Step=5" Pitch=-243", Yaw=+185"
 Associated
 Qual=01
 Peak...c/s=63
 III/3
 HXRBS* 03:38:59 03:39:27 03:39:38 03:21:00
 Radio Sweeps
 Type/Intensity: III/3
 Associated
 Qual=5
 FePeak=03:45
 FePeak.c/s=10 #Peaks=1 dt= 7.7s XEN=931105
 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
 Associated
 Qual=01
 Peak...c/s=88
 MaxkeV=88
 Pitch=-207", Yaw=+177", Roll=0deg
 H.Ang=16deg

Event # = 12382
 89/11/07, 09:05 Start DOY=311 Peak
 GOES 09:05:04 09:05:14 09:05:25
 HXRBS* 09:05:04 09:05:14 09:05:25
 UVSP 09:47
 SMM Pointing: N16E11
 Qual=00
 Qual=01
 Peak...c/s=57
 Wavelength=2788A
 Total Cts=230
 Exp #=99509
 Flags=M5
 Step=0" Pitch=-73", Yaw=+100"
 MaxkeV=88
 Rast=180"x1" Step=0" Pitch=-73", Yaw=+100"

Event # = 12383
 89/11/07, 09:34 Start DOY=311 Peak
 GOES 09:29 09:34 09:39
 HXRBS* 09:28:58 09:29:13 09:29:35
 UVSP 09:47
 SMM Pointing: N16E11
 Qual=01
 Importance=C3
 Peak...c/s=162
 Wave length=2788A
 Total Cts=1329
 Exp #=99509
 Step=0" Pitch=-73", Yaw=+100"
 MaxkeV=140
 Rast=180"x1" Step=0" Pitch=-73", Yaw=+100"

Event # = 12408
 89/11/07, 10:48 Start DOY=311 Peak
 GOES 10:47:47 10:48:22 10:49:21
 HXRBS* 10:47:47 10:48:22 10:49:21
 UVSP 10:21
 SMM Pointing: N16E10
 Qual=00
 Qual=03
 Peak...c/s=141
 Wave length=2788A
 Total Cts=1791
 Exp #=99510
 Flags=ES
 Step=0" Pitch=-72", Yaw=+95"
 MaxkeV=88
 Rast=180"x1" Step=0" Pitch=-72", Yaw=+95"
 Pitch=-206", Yaw=+164", Roll=0deg
 H.Ang=16deg

Event # = 12409																			
89/11/07, 12:48	DOY=311	Peak	End times	SMM Pointing:	N16E09														
Optical				Ha...Class=SN	N20W48														
Optical				Ha...Class=SF	N13E16														
Optical				Ha...Class=SF	N27W33														
GOES				Peak...c/s=54	Qual=03														
HXRBS* 12:48:35	12:48:54	12:49:44		WaveLength=2788A	Qual=01														
UVSP 12:48																			
Event # = 12384																			
89/11/07, 13:39	DOY=311	Peak	End times	SMM Pointing:	N16E08														
GOES				Peak...c/s=47	Qual=00														
HXRBS* 13:39:17	13:39:42	13:39:46		WaveLength=2788A	Qual=01														
UVSP 13:22																			
Event # = 12385																			
89/11/07, 15:13	DOY=311	Peak	End times	SMM Pointing:	N16E08														
Optical				Ha...Class=SF	N14W75														
GOES				Peak...c/s=57	Qual=01														
HXRBS* 15:12:50	15:13:10	15:13:31		WaveLength=2788A	Qual=01														
UVSP 14:52																			
HXRBS* 15:14:03	15:14:31	15:14:41		Associated	Associated														
				Peak...c/s=73	Qual=01														
Event # = 12387																			
89/11/07, 15:53	DOY=311	Peak	End times	SMM Pointing:	N16E08														
GOES				Peak...c/s=82	Qual=00														
HXRBS* 15:52:42	15:53:08	15:53:40		WaveLength=2788A	Qual=01														
UVSP 15:48																			
Event # = 12388																			
89/11/07, 16:59	DOY=311	Peak	End times	SMM Pointing:	N16E07														
Optical				Ha...Class=IN	N16E29														
GOES 16:44	16:59	17:18		Importance=M1	Qual=03														
HXRBS* 16:41:34	16:56:09	17:02:59		Peak...c/s=99	Qual=13														
BCS 16:46	16:55	17:26		CaPeak.c/s=71	Qual= 2														
FCS																			
UVSP 17:18				WaveLength=2788A															
Radio Sweeps				III/3															
Radio Frequency(MHz)/Flux(sfu):				245/460	1415/51	2695/71	4995/50												
Event # = 12389																			
89/11/07, 18:11	DOY=311	Peak	End times	SMM Pointing:	N04W00														
GOES				Peak...c/s=209	Qual=00														
HXRBS* 18:11:27	18:11:41	18:11:54		WaveLength=2788A	Qual=01														
UVSP 17:54																			

Event # = 12390 89/11/07,18:13 Start	DOY=311 Peak	End times	SMM Pointing:	NO4W00 Qual=00 Qual=01	Pitch=+0" ,Yaw=+0" ,Roll=15deg MaxkeV=114 Rast=180"x1"	H. Ang=0deg
GOES	18:13:21	18:13:38	Peak...c/s=52 Wavelength=2788A	Tot Cts=216 Exp #=99520	Step=0" Pitch=+134" ,Yaw=-70"	
UVSP	17:54					
Event # = 12392 89/11/07,18:39 Start	DOY=311 Peak	End times	SMM Pointing:	NO4W00 N18E77 Qual=02 Qual=01	Pitch=+0" ,Yaw=+0" ,Roll=15deg Mac.=HSX Carr. Lon.=248deg MaxkeV=88 Rast=180"x1"	H. Ang=0deg
Optical	18:35	18:42	Ha...Class=SF Importance=C9 Peak...c/s=144 Wavelength=2788A	AR5786 Tot Cts=1418 Exp #=99521	Step=0" Pitch=+134" ,Yaw=-70"	
GOES	18:39:58	18:40:14	Associated Event # = 12391			
UVSP	18:49		Peak...c/s=144	Tot Cts=1001	Flags=SG	
HRBS*	18:38:11	18:38:34				
Event # = 12393 89/11/07,18:56 Start	DOY=311 Peak	End times	SMM Pointing:	NO4W00 Qual=00 Qual=01	Pitch=+0" ,Yaw=+0" ,Roll=15deg MaxkeV=62 Rast=180"x1"	H. Ang=0deg
GOES	18:55:12	18:56:25	Peak...c/s=43 Wavelength=2788A	Tot Cts=480 Exp #=99521	Step=0" Pitch=+134" ,Yaw=-70"	
UVSP	18:49					
Event # = 12394 89/11/07,19:33 Start	DOY=311 Peak	End times	SMM Pointing:	N16E05 N17E74 Qual=05 Qual=04	Pitch=-207" ,Yaw=+84" ,Roll=0deg Mac.=HSX Carr. Lon.=250deg MaxkeV=114 Rast=180"x1"	H. Ang=13deg
Optical	19:28	19:47	Ha...Class=SF Importance=M3 Peak...c/s=95 Wavelength=2788A	AR5786 Tot Cts=12916 Exp #=99522	Step=0" Pitch=-73" ,Yaw=-70"	
GOES	19:34:21	19:45:06				
UVSP	19:25					
Event # = 12395 89/11/07,20:21 Start	DOY=311 Peak	End times	SMM Pointing:	N16E05 N20E03 Qual=02 Qual=04	Pitch=-207" ,Yaw=+84" ,Roll=0deg Mac.=DKI Carr. Lon.=321deg MaxkeV=88 Rast=243"x243"	H. Ang=13deg
Optical	20:17	20:24	Importance=C8 Peak...c/s=75 Wavelength=2788A	AR5776 Tot Cts=6393 Exp #=99523	Step=3" Pitch=-200" ,Yaw=+83"	
GOES	20:13:55	20:19:05				
UVSP	21:09					
Event # = 12396 89/11/07,20:42 Start	DOY=311 Peak	End times	SMM Pointing:	N16E04 N13E71 Qual=05 Qual=02	Pitch=-208" ,Yaw=+71" ,Roll=0deg Mac.=HSX Carr. Lon.=252deg MaxkeV=62 Rast=243"x243"	H. Ang=13deg
Optical	20:27	21:03	Ha...Class=2B Importance=M8 Peak...c/s=56 Wavelength=2788A	AR5786 Tot Cts=5235 Exp #=99523	Step=3" Pitch=-200" ,Yaw=+83"	
GOES	21:04:58	21:15:41				
UVSP	21:09					
Event # = 12397 89/11/07,22:45 Start	DOY=311 Peak	End times	SMM Pointing:	NO4W00 Qual=00 Qual=01	Pitch=+0" ,Yaw=+0" ,Roll=0deg MaxkeV=62 Rast=243"x243"	H. Ang=0deg
GOES	22:44:37	22:45:01	Peak...c/s=45 Wavelength=2788A	Tot Cts=272 Exp #=99525	Step=3" Pitch=-962" ,Yaw=+13"	
UVSP	22:46					

Event # = 12398																					
89/11/07 23:00:00	D0Y=311	Peak				SMM Pointing:															
Optical			End times																		
GOES						Ha...Class=SF	AR5769														
HXRBS*	23:00:07	23:00:44	23:01:00			Peak...c/s=108	Tot Cts=893														
UVSP	22:57					Wave length=2788A	Exp #=99526														
Event # = 12399																					
89/11/07 23:16:16	D0Y=311	Peak				SMM Pointing:															
Optical			End times																		
GOES						Ha...Class=SF	AR5776														
HXRBS*	23:16:01	23:16:35	23:17:15			Peak...c/s=80	Tot Cts=1216														
UVSP	23:06					Wave length=2788A	Exp #=99527														
Radio Sweeps						Type/Intensity: III/3 V/3															
Radio Frequency (MHz)/Flux(stu):	410/64	606/160	1415/110	2695/110	4995/25																
Event # = 12400																					
89/11/08 00:43:00	D0Y=312	Peak				SMM Pointing:															
Optical			End times																		
GOES						Ha...Class=SF	AR5776														
HXRBS*	00:43:42	00:43:48	00:43:53			Peak...c/s=82	Tot Cts=130														
UVSP	00:11					Wave length=1375A	Exp #=99529														
Event # = 12401																					
89/11/08 00:52:00	D0Y=312	Peak				SMM Pointing:															
Optical			End times																		
GOES						Ha...Class=SF	AR5776														
HXRBS*	00:52:34	00:52:45	00:52:48			Peak...c/s=86	Tot Cts=152														
UVSP	00:52					Wave length=1375A	Exp #=99530														
Event # = 23422																					
89/11/08 01:41:00	D0Y=312	Peak				SMM Pointing:															
Optical			End times																		
GOES						Ha...Class=SF	AR5776														
HXRBS*	01:10	01:41	01:50			Importance=C4	FePeak=01:40														
BCS	01:38	01:41	01:47			CaPeak.c/s=46	Exp #=99531														
FCS																					
UVSP	01:41					Wave length=1375A															
Event # = 23423																					
89/11/08 02:22:00	D0Y=312	Peak				SMM Pointing:															
Optical			End times																		
GOES						Ha...Class=SF	AR5776														
HXRBS*	02:22	02:22	02:25			CaPeak.c/s=24	FePeak=02:22														
BCS	01:45						Exp #=99532														
FCS																					
UVSP	01:45					Wave length=1375A															

Event # = 12402
89/11/08 02:29 Start D0Y=312 Peak
Optical
GOES 02:28:49 02:29:02 02:29:50
HXRB* 02:29 02:29 CaPeak.c/s=20
BCS 02:29 02:29 Wavelength=1375A
FCS 01:45
UVSP 01:45
SMM Pointing: N16E02
Ha...Class=SF AR5783
Peak...c/s=104 Tot Cts=1280
CaPeak.c/s=20 FePeak=02:29
Qual=2
WaveLength=1375A Exp #=99532
Pitch=-208", Yaw=+30", Roll=0deg
Mac.=EKO Carr. Lon.=294deg
H. Ang=13deg
H. Ang=29deg
Maxkey=140 dt= 7.7s XEN=931202
FePeak.c/s=7 #Peaks=1 Cad= 262s
Rast=240"x240" Step=15" Pitch=253", Yaw=-55"
Step=5"

Event # = 12403
89/11/08 03:32 Start D0Y=312 Peak
Optical
GOES 03:25 03:32 03:39
HXRB* 03:25:50 03:27:26 03:32:03
UVSP 03:13
Radio Sweeps
SMM Pointing: N04W00
Ha...Class=SF AR5783
Importance=C5 Qual=01
Peak...c/s=71 Qual=01
WaveLength=1375A Code=00 Tot Cts=3740
III/3 Exp #=99533
Pitch=+0", Yaw=+0", Roll=12deg
Mac.=EKO Carr. Lon.=295deg
H. Ang=0deg
H. Ang=28deg
Maxkey=88
Rast=70"x70" Step=5" Pitch=-46", Yaw=-84"

Event # = 12404
89/11/08 05:24 Start D0Y=312 Peak
Optical
GOES 05:18 05:24 05:44
HXRB* 05:17:16 05:18:35 05:20:31
BCS 05:20 05:22 05:31
FCS
UVSP 04:44
Radio
SMM Pointing: N15W00
Ha...Class=IN AR5783
Importance=C6 Qual=03
Peak...c/s=92 Qual=01
CaPeak.c/s=39 Qual=1
WaveLength=1375A Code=00 Exp #=99534
245/86
Pitch=-200", Yaw=+6", Roll=0deg
Mac.=EKO Carr. Lon.=294deg
H. Ang=12deg
H. Ang=28deg
Maxkey=114 dt= 7.7s XEN=931203
FePeak.c/s=8 #Peaks=1
Rast=240"x240" Step=15" Cad= 262s
Rast=70"x70" Step=5" Pitch=-253", Yaw=-81"

Event # = 12405
89/11/08 06:09 Start D0Y=312 Peak
Optical
GOES 06:00 06:09 06:33
HXRB* 06:08:46 06:10:56 06:12:28
BCS 06:10 06:10 06:29
FCS
UVSP 06:14
Radio Sweeps
Radio Frequency (MHz)/Flux(sfu): 245/110 410/55
HXRB* 06:32:45 06:34:22 06:37:47
BCS 06:29 06:38
FCS
SMM Pointing: N16W01
Ha...Class=2N AR5776
Importance=M3 Qual=05
Peak...c/s=49 Qual=02
CaPeak.c/s=969 Qual=5
WaveLength=1375A Code=02 Exp #=99535
III/3
Associated Event # = 12406
Qual=01 Tot Cts=1627
Associated Event # = 22457
Qual=5 FePeak=06:30
Pitch=-206", Yaw=-15", Roll=0deg
Mac.=DAI Carr. Lon.=322deg
H. Ang=12deg
H. Ang=17deg
Maxkey=114 dt= 3.8s XEN=931204
FePeak.c/s=135 #Peaks=1
Rast=240"x240" Step=15" Cad= 262s
Rast=70"x70" Step=5" Pitch=-253", Yaw=-95"

Event # = 12407
89/11/08 07:55 Start D0Y=312 Peak
Optical
GOES 06:44 07:55 09:01
HXRB* 06:44:43 06:49:33 06:55:29
UVSP 07:45
Radio Sweeps
SMM Pointing: N16W01
Ha...Class=SF AR5783
Importance=M2 Qual=02
Peak...c/s=177 Qual=01
WaveLength=1375A Code=00 Tot Cts=21302
III/3 Exp #=99536
Pitch=-206", Yaw=-15", Roll=0deg
Mac.=EKO Carr. Lon.=295deg
H. Ang=12deg
H. Ang=25deg
H. Ang=50deg
Maxkey=88
Rast=70"x70" Step=5" Pitch=-253", Yaw=-108"

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	Peak	SMM Pointing:	N03W00			Pitch=-4",Yaw=+8",Roll=-178deg	H.Ang=1deg
GOES									
HXRBS*	09:12:05	09:13:02	09:16:39	Peak...c/s=75	Qual=03		Tot Cts=77	MaxkeV=114	
UVSP	09:16			Wavelength=1375A	Qual=01		Exp #=99537	Rast=70"x70"	Pitch=-46",Yaw=-84"
Radio Sweeps		Type/Intensity:		III/2					
Radio Frequency (MHz)/Flux(sfu):				245/200					
Event # = 12414									
89/11/08	10:02	DOY=312	Peak	SMM Pointing:	N04W00			Pitch=-1",Yaw=-2",Roll=179deg	H.Ang=0deg
GOES									
HXRBS*	10:02:47	10:02:50	10:03:07	Peak...c/s=65	Qual=00		Tot Cts=259	MaxkeV=62	
UVSP	09:16			Wavelength=1375A	Qual=01		Exp #=99537	Rast=70"x70"	Pitch=-46",Yaw=-84"
Event # = 12413									
89/11/08	11:21	DOY=312	Peak	SMM Pointing:	N16W03			Pitch=-207",Yaw=-49",Roll=0deg	H.Ang=13deg
GOES									
HXRBS*	11:21:12	11:21:34	11:21:50	Peak...c/s=55	Qual=00		Tot Cts=238	MaxkeV=88	
UVSP	11:25			Wavelength=2788A	Qual=01		Exp #=99539	Rast=180"x1"	Pitch=-73",Yaw=-127"
Event # = 12415									
89/11/08	17:37	DOY=312	Peak	SMM Pointing:	N16W06			Pitch=-208",Yaw=-104",Roll=0deg	H.Ang=14deg
Optical									
GOES	17:24	17:37	17:46	Ha...Class=SN	N12E64		AR5786	Carr. Lon.=248deg	H.Ang=64deg
HXRBS*	17:25:20	17:26:19	17:36:22	Importance=C9	Qual=03		Tot Cts=12933	MaxkeV=88	
UVSP	17:30			Peak...c/s=116	Qual=02		Exp #=99547	Rast=180"x1"	Pitch=-74",Yaw=-181"
Radio Sweeps		Type/Intensity:		III/2					
Event # = 23424									
89/11/08	18:48	DOY=312	Peak	SMM Pointing:	N16E08			Mac.=EKO	Carr. Lon.=303deg
Optical									
GOES	18:24	18:48	18:57	Ha...Class=1N	Qual=02		AR5783	FePeak.c/s=36	#Peaks=1 dt= 7.7s XEN=931207
BCS	18:22			Importance=M2	Qual= 2		FePeak=18:38	Rast=240"x240"	Step=15" Cad= 262s 1.024s/pixel
FCS				CaPeak.c/s=247			Exp #=99549	Rast=180"x1"	Step=0" Pitch=-3",Yaw=+0"
UVSP	19:00			Wavelength=2788A					
Event # = 12416									
89/11/08	19:12	DOY=312	Peak	SMM Pointing:	N04W00			Pitch=+0",Yaw=+0",Roll=13deg	H.Ang=0deg
Optical									
GOES	18:58	19:12	19:31	Ha...Class=2B	N20W57		AR5769	Mac.=EAI	Carr. Lon.=8deg
HXRBS*	18:17:28	19:00:16	19:07:14	Importance=X1	Qual=02		Tot Cts=6.00E+5	MaxkeV=461	Flags=M5,SN,EN,IS,DG
UVSP	19:00			Peak...c/s=2744	Qual=14		Exp #=99549	Rast=180"x1"	Step=0" Pitch=-3",Yaw=+0"

Event # = 12417												
89/11/08, 20:20		DOY=312		SMM Pointing:			N16W08			Pitch=-204", Yaw=-128", Roll=0deg		
Optical		Peak		Ha...Class=SF			N26W58			Carr. Lon.=8deg		
GOES		20:20:31		Peak...c/s=46			Qual=05			H. Ang=14deg		
HXRBS*		20:20:47		Wave length=2788A			Qual=03			H. Ang=60deg		
UVSP		19:50					Tot Cts=294			Flags=EG		
							Exp #=99550			Step=3" Pitch=-203", Yaw=-118"		
Event # = 12418												
89/11/08, 22:59		DOY=312		SMM Pointing:			N16W10			Pitch=-209", Yaw=-159", Roll=0deg		
Optical		Peak		Ha...Class=SF			Qual=00			H. Ang=16deg		
GOES		22:59:21		Peak...c/s=297			Qual=01			H. Ang=19deg		
HXRBS*		22:59:42		Wave length=1375A			Tot Cts=1269			Step=5" Pitch=-141", Yaw=-117"		
UVSP		22:51		410/550 606/70			Exp #=99553					
Radio		Frequency(MHz)/Flux(sfu):		410/190								
Event # = 12419												
89/11/08, 23:11		DOY=312		SMM Pointing:			N16W10			Pitch=-209", Yaw=-159", Roll=0deg		
Optical		Peak		Ha...Class=IN			N17E13			Carr. Lon.=296deg		
GOES		23:11:35		Peak...c/s=54			Qual=00			H. Ang=16deg		
HXRBS*		23:11:42		Wave length=1375A			Qual=01			H. Ang=19deg		
UVSP		22:51					Tot Cts=133			Step=5" Pitch=-141", Yaw=-117"		
Radio		Frequency(MHz)/Flux(sfu):		410/190			Exp #=99553					
89/11/09 DOY=313												
Event # = 23425												
89/11/09, 00:18		DOY=313		SMM Pointing:			N15W10			Pitch=-209", Yaw=-159", Roll=0deg		
Optical		Peak		Ha...Class=1F			Qual=00			H. Ang=15deg		
GOES		00:17		CaPeak.c/s=251			Qual=5			Carr. Lon.=318deg		
BCS		00:17					FePeak=00:18			dt= 3.8s XEN=931300		
FCS		00:22					Exp #=99554			Cad= 262s 1.024s/pixel		
UVSP		00:22		Wave length=1375A						Step=5" Pitch=-141", Yaw=-131"		
Event # = 12421												
89/11/09, 00:57		DOY=313		SMM Pointing:			N16W10			Pitch=-209", Yaw=-159", Roll=0deg		
Optical		Peak		Ha...Class=1F			N10E53			H. Ang=16deg		
GOES		00:57		Ha...Class=SF			N12E57			H. Ang=53deg		
HXRBS*		23:16:30		Importance=M1			Qual=03			H. Ang=57deg		
BCS		23:17:30		Peak...c/s=149			Qual=01					
FCS		00:17		CaPeak.c/s=251			Qual=5					
UVSP		00:22		Wave length=1375A			Code=00					
							Exp #=99554					
							Event # = 12420					
							Tot Cts=1931					
							Exp #=99553					
							Event # = 12422					
							Tot Cts=668					
							Qual=01					
							Associated					
							Qual=01					
							Associated					
							Qual=01					
							Associated					
							Qual=4					
							FePeak=23:28					
							Exp #=99553					
							Wave length=1375A					

Event # = 12424															
89/11/09	03:21	DOY=313	SMM Pointing:		N04W01	Pitch=-5", Yaw=-9", Roll=10deg									
	Start	Peak	End times	H. Ang=1deg											
GOES	03:15	03:21	03:45	MaxkeV=62											
HXRBS*	03:17	03:18:44	03:19:37	Rast=265"x265" Step=5" Pitch=+7", Yaw=+13"											
UVSP	03:22			Flags=SM											
				Tot Cts=304											
				Exp #=99556											
				Event # = 12425											
HXRBS*	03:24:11	03:24:35	03:24:43	Associated Event # = 12425											
				Qual=01											
				Tot Cts=178											

Event # = 12426															
89/11/09	03:36	DOY=313	SMM Pointing:		N04W01	Pitch=-5", Yaw=-9", Roll=10deg									
	Start	Peak	End times	H. Ang=1deg											
Optical				Mac.=EKI Carr. Lon.=293deg											
GOES				H. Ang=19deg											
HXRBS*	03:36:18	03:36:36	03:36:54	MaxkeV=62											
UVSP	03:22			Rast=265"x265" Step=5" Pitch=+7", Yaw=+13"											
				Tot Cts=233											
				Exp #=99556											

Event # = 12437															
89/11/09	03:40	DOY=313	SMM Pointing:		N04W01	Pitch=-5", Yaw=-9", Roll=10deg									
	Start	Peak	End times	H. Ang=1deg											
Optical				Mac.=EKI Carr. Lon.=292deg											
GOES				H. Ang=19deg											
HXRBS*	03:39:52	03:40:50	03:41:40	MaxkeV=165											
UVSP	03:22			Rast=265"x265" Step=5" Pitch=+7", Yaw=+13"											
				Tot Cts=1656											
				Exp #=99556											

Event # = 12438															
89/11/09	03:53	DOY=313	SMM Pointing:		N04W01	Pitch=-5", Yaw=-9", Roll=10deg									
	Start	Peak	End times	H. Ang=1deg											
Optical				Mac.=DAI Carr. Lon.=313deg											
GOES				H. Ang=11deg											
HXRBS*	03:53:35	03:53:49	03:53:59	MaxkeV=140											
UVSP	03:22			Rast=265"x265" Step=5" Pitch=+7", Yaw=+13"											
				Flags=M5, FS											
				Tot Cts=1181											
				Exp #=99556											

Event # = 12427															
89/11/09	04:50	DOY=313	SMM Pointing:		N16W13	Pitch=-211", Yaw=-210", Roll=0deg									
	Start	Peak	End times	H. Ang=18deg											
Optical				Mac.=DAI Carr. Lon.=322deg											
GOES				H. Ang=23deg											
HXRBS*	04:49:54	04:50:13	04:50:27	MaxkeV=114											
UVSP	04:53			Rast=265"x265" Step=5" Pitch=-203", Yaw=-198"											
				Flags=M5, FS											
				Tot Cts=1176											
				Exp #=99557											

Event # = 12428															
89/11/09	04:50	DOY=313	SMM Pointing:		N16W13	Pitch=-211", Yaw=-210", Roll=0deg									
	Start	Peak	End times	H. Ang=18deg											
Optical				Mac.=DAI Carr. Lon.=322deg											
GOES				H. Ang=23deg											
HXRBS*	04:50:43	04:50:52	04:51:06	MaxkeV=88											
UVSP	04:53			Rast=265"x265" Step=5" Pitch=-203", Yaw=-198"											
				Flags=M5											
				Tot Cts=361											
				Exp #=99557											

Event # = 12429															
89/11/09	05:23	DOY=313	SMM Pointing:		N16W13	Pitch=-211", Yaw=-210", Roll=0deg									
	Start	Peak	End times	H. Ang=18deg											
Optical				Mac.=EAO Carr. Lon.=251deg											
GOES	05:19	05:23	05:28	H. Ang=55deg											
HXRBS*	05:20:40	05:21:37	05:22:55	MaxkeV=165											
UVSP	04:53			Rast=265"x265" Step=5" Pitch=-203", Yaw=-198"											
				Flags=M5											
				Tot Cts=6307											
				Exp #=99557											

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			Ha...Class=SF	N17E12	Mac.=EKI	Carr. Lon.=293deg
Optical				Importance=8	Qual=04	MaxkeV=62	Flags=SN
GOES	06:12	06:37	06:20:56	Peak...c/s=56	Qual=02	Rast=265"x265"	Step=5" Pitch=-204", Yaw=-211"
HXRBS*	06:19:01	06:20:26	06:20:56	Wavelength=1375A	Code=00	MaxkeV=62	Step=5" Pitch=-204", Yaw=-211"
UVSP	06:23			Associated	Event # = 12431		
				Peak...c/s=45	Qual=01	MaxkeV=62	
HXRBS*	06:30:27	06:30:33	06:31:04	Wavelength=1375A		Rast=30"x30"	Step=5" Pitch=-142", Yaw=-223"
UVSP	06:27				Exp #=99561		
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			Ha...Class=SF	Qual=00	MaxkeV=62	
Optical				Importance=8	Qual=01	Rast=30"x30"	Step=5" Pitch=-142", Yaw=-225"
GOES	06:46:37	06:47:00	06:47:14	Peak...c/s=52	Tot Cts=142		
HXRBS*	06:46:37	06:47:00	06:47:14	Wavelength=1375A	Exp #=99563		
UVSP	06:39						
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			Ha...Class=SF	Qual=00	MaxkeV=62	
Optical				Importance=8	Qual=01	Rast=30"x30"	Step=5" Pitch=-142", Yaw=-227"
GOES	06:53:53	06:54:04	06:54:11	Peak...c/s=49	Tot Cts=102		
HXRBS*	06:53:53	06:54:04	06:54:11	Wavelength=1375A	Exp #=99565		
UVSP	06:49						
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			Ha...Class=SF	Qual=00	MaxkeV=62	
Optical				Importance=M1	Qual=01	Rast=30"x30"	Step=5" Pitch=-142", Yaw=-228"
GOES	07:09:09	07:09:47	07:09:59	Peak...c/s=42	Tot Cts=160		
HXRBS*	07:09:09	07:09:47	07:09:59	Wavelength=1375A	Exp #=99567		
UVSP	07:01						
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			Ha...Class=SF	N13E53	Mac.=EAO	Carr. Lon.=251deg
Optical				Importance=M1	Qual=01	MaxkeV=461	Flags=M5, FS
GOES	08:19	08:23	08:43	Peak...c/s=10830	Qual=01	FePeak.c/s=7	#Peaks=1 dt= 7.7s
HXRBS*	08:19:22	08:21:40	08:26:33	CaPeak.c/s=23	Qual= 4	Rast=240"x240"	Step=15" Cad= 262s
GRS	08:21:00	08:22:00	08:22:00	Wavelength=2788A	Exp #=99568	Rast=180"x1"	Step=0" Pitch=-3", Yaw=+0"
BCS	08:31	08:32	08:38	606/78 1415/61 2695/150 4995/220 8800/180			
FCS	08:36						
UVSP	08:36						
Radio	Frequency(MHz)/Flux(sfu):						
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			Ha...Class=SF	N17E08	Mac.=EKI	Carr. Lon.=296deg
Optical				Importance=M2	Qual=05	MaxkeV=88	Step=0" Pitch=-3", Yaw=+0"
GOES	08:54	09:00	09:36	Peak...c/s=132	Qual=01	Rast=180"x1"	
HXRBS*	09:30:18	09:30:57	09:31:45	Wavelength=2788A	Code=01		
UVSP	08:36						

Event # = 12445	DOY=313	Peak	Start	End times	SMM Pointing:	N03W00	Pitch=-1", Yaw=+1", Roll=179deg	H. Ang=0deg
89/11/09, 09:36					Ha...Class=1M	N15E52	Mac.=EAO	
Optical					Ha...Class=SF	N13W08	Carr.Lon.=251deg	H. Ang=52deg
GOES					Qual=01	AR5786	Carr.Lon.=311deg	H. Ang=12deg
HXRBS*	09:32:28	09:36:24	09:48:01		Peak...c/s=1972	Tot Cts=72246	Flags=DG	
UVSP	08:36				WaveLength=2788A	Exp #=99568	Step=0"	Pitch=-3", Yaw=+0"
Radio	Frequency (MHz)/Flux(sfu):	245/180	606/71	2695/27	2495/110	8800/95	15400/50	
Event # = 12436	DOY=313	Peak	Start	End times	SMM Pointing:	N03W00	Pitch=-1", Yaw=+1", Roll=179deg	H. Ang=0deg
89/11/09, 10:03					Qual=00			
GOES					Qual=01	Tot Cts=699	MaxkeV=114	
HXRBS*	10:02:09	10:03:02	10:03:15		Peak...c/s=74			
Radio Sweeps		Type/Intensity:	III/2					
Radio	Frequency (MHz)/Flux(sfu):	245/220						
Event # = 12443	DOY=313	Peak	Start	End times	SMM Pointing:	N16W17	Pitch=-210", Yaw=-278", Roll=0deg	H. Ang=21deg
89/11/09, 12:40					Ha...Class=2F	N17W90	Mac.=ESO	H. Ang=89deg
Optical					Importance=H1	AR5770	Carr.Lon.=32deg	
GOES	12:27	12:40	12:57		Peak...c/s=161	Tot Cts=13589	MaxkeV=165	Flags=ES, IS, DG
HXRBS*	12:27:19	12:38:02	12:38:20		WaveLength=2788A	Exp #=99571	Rast=180"x1"	Step=0"
UVSP	13:07						Pitch=-78", Yaw=-97"	
Event # = 12439	DOY=313	Peak	Start	End times	SMM Pointing:	N16W17	Pitch=-210", Yaw=-278", Roll=0deg	H. Ang=21deg
89/11/09, 13:07					Qual=00			
GOES					Qual=01	Tot Cts=167	MaxkeV=62	
HXRBS*	13:07:44	13:07:50	13:08:10		Peak...c/s=49	Exp #=99571	Rast=180"x1"	Step=0"
UVSP	13:07				WaveLength=2788A		Pitch=-78", Yaw=-97"	
Radio	Frequency (MHz)/Flux(sfu):	606/1						
Event # = 12440	DOY=313	Peak	Start	End times	SMM Pointing:	N16W17	Pitch=-210", Yaw=-278", Roll=0deg	H. Ang=21deg
89/11/09, 13:11					Qual=00			
GOES					Qual=01	Tot Cts=1671	MaxkeV=88	
HXRBS*	13:09:45	13:11:50	13:12:58		Peak...c/s=80	Exp #=99571	Rast=180"x1"	Step=0"
UVSP	13:07				WaveLength=2788A		Pitch=-78", Yaw=-97"	
Radio	Frequency (MHz)/Flux(sfu):	245/710						
Event # = 12441	DOY=313	Peak	Start	End times	SMM Pointing:	N15W18	Pitch=-205", Yaw=-295", Roll=0deg	H. Ang=22deg
89/11/09, 14:00					Qual=00			
GOES					Qual=01	Tot Cts=621	MaxkeV=88	
HXRBS*	13:59:43	14:00:22	14:01:09		Peak...c/s=63	Exp #=99572	Rast=180"x1"	Step=0"
UVSP	13:43				WaveLength=2788A		Pitch=-78", Yaw=-357"	

Event # = 12442	DOY=313	Peak	Start	End times	SMM Pointing:	N15W18	Pitch=-205", Yaw=-295", Roll=0deg	H.Ang=22deg
Optical					Ha...Class=SF		Mac.=EKI	Carr. Lon.=296deg
GOES	13:52	14:06	14:11	14:05:56	Importance=M1	Qual=02	MaxkeV=88	H.Ang=15deg
HXRBS*	14:03:26	14:04:08	14:05:56	14:37	Peak...c/s=114	Qual=01	dt= 3.8s	XEN=931303
BCS	13:54	14:01	14:37		CaPeak.c/s=46	Qual= 2	Step=15"	Cad= 262s
FCS							Step=0"	Pitch=-78", Yaw=-357"
UVSP	13:43				Wavelength=2788A	Code=01	Exp #=99572	
Event # = 12449	DOY=313	Peak	Start	End times	SMM Pointing:	N16W19	Pitch=-213", Yaw=-307", Roll=0deg	H.Ang=23deg
Optical					Ha...Class=SN		Mac.=EKI	Carr. Lon.=293deg
GOES	15:53	15:58	16:06	16:11:59	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	Flags=M5, SA, IS	
UVSP	16:08				Wavelength=2788A		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					Ha...Class=SF		Mac.=EKI	Carr. Lon.=296deg
GOES	16:59	17:15	17:21	17:03:14	Importance=C8	Qual=01	MaxkeV=88	H.Ang=15deg
HXRBS*	17:00:30	17:02:36	17:03:14	17:44	Peak...c/s=155	Qual=01	dt= 3.8s	XEN=931304
BCS	17:13	17:14	17:44		CaPeak.c/s=94	Qual= 1	Step=15"	Cad= 262s
FCS							Step=0"	Pitch=-7", Yaw=-588"
UVSP	17:38				Wavelength=2788A		Exp #=99577	
HXRBS*	17:13:14	17:13:42	17:14:34		Peak...c/s=207	Qual=01	Event # = 12447	
Radio					Type/Intensity:		Tot Cts=2114	Flags=FS
Sweeps					III/1			
Event # = 12448	DOY=313	Peak	Start	End times	SMM Pointing:	N10E44	Pitch=-127", Yaw=-664", Roll=0deg	H.Ang=44deg
Optical					Ha...Class=IN		Mac.=EKI	Carr. Lon.=296deg
GOES	17:42	17:45	17:47	17:44:25	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	Rast=180"x1"	Pitch=-7", Yaw=-588"
UVSP	17:38				Wavelength=2788A	Code=00	Step=0"	
Event # = 12450	DOY=313	Peak	Start	End times	SMM Pointing:	N03W00	Pitch=+0", Yaw=+0", Roll=12deg	H.Ang=0deg
GOES	18:40:14	18:40:25	18:40:37	18:40:37	Peak...c/s=60	Qual=00	MaxkeV=88	
HXRBS*	18:40:14	18:40:25	18:40:37		Wavelength=2788A	Qual=01	Rast=180"x1"	Pitch=+134", Yaw=-70"
UVSP	18:14						Step=0"	
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					Ha...Class=IN		Mac.=EAO	Carr. Lon.=252deg
GOES	18:51	19:05	19:22	19:11:01	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	Flags=IS, DG	
UVSP	18:14				Wavelength=2788A		Step=0"	Pitch=-134", Yaw=-70"
Radio					Frequency(MHz)/Flux(sfu):			
245/130 606/180 2695/60 4995/55 8800/52								

Event # = 12452				
89/11/09, 19:39	D0Y=313			
Start	Peak	SMM Pointing:		
Optical		N03W00	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg
Optical		N17W23		H. Ang=26deg
Optical		N17W00	Mac.=DAI	H. Ang=14deg
		N18E05	Carr. Lon.=298deg	H. Ang=15deg
GOES		Qual=05		
HXRBS*	19:24	Qual=02	Flags=SN	
BCS	19:53:43	Qual=1	dt= 7.7s	XEN=931305
UVSP	20:03		#Peaks=1	XEN=931305
Radio	20:11		Step=15"	1.024s/pixel
	20:48		Step=3"	Pitch=+7", Yaw=+13"
Frequency (MHz)/Flux(sfu):	245/1400	410/130	4995/300	8800/180
			15400/150	
Event # = 12453				
89/11/09, 20:15	D0Y=313			
Start	Peak	SMM Pointing:		
GOES		N03W00	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg
HXRBS*	20:15:09	Qual=00		
UVSP	19:59	Qual=01	MaxkeV=114	
	19:59		Rast=243"x243"	Step=3" Pitch=+7", Yaw=+13"
Frequency (MHz)/Flux(sfu):	245/82	1415/120	2695/250	
			606/82	
Event # = 12454				
89/11/09, 20:17	D0Y=313			
Start	Peak	SMM Pointing:		
GOES		N03W00	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg
HXRBS*	20:17:43	Qual=00		
UVSP	19:59	Qual=01	MaxkeV=88	
	19:59		Rast=243"x243"	Step=3" Pitch=+7", Yaw=+13"
Frequency (MHz)/Flux(sfu):	245/82	1415/120	2695/250	
			606/82	
Event # = 12455				
89/11/09, 21:42	D0Y=313			
Start	Peak	SMM Pointing:		
Optical		N03W00	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg
GOES		N21W26		H. Ang=31deg
HXRBS*	21:36	Qual=03	Mac.=DAI	
BCS	21:42	Qual=01	Carr. Lon.=323deg	
FCS	21:42	Qual=4		
UVSP	21:29	Code=00	MaxkeV=165	
Radio Sweeps		Type/Intensity:	dt= 3.8s	XEN=931306
Radio Frequency (MHz)/Flux(sfu):	1415/68	2695/89	4995/30	
			1415/68	
Event # = 12456				
89/11/09, 21:46	D0Y=313			
Start	Peak	SMM Pointing:		
Optical		N03W00	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg
GOES		N18E04		H. Ang=15deg
HXRBS*	21:44:58	Qual=01	Mac.=EKI	
UVSP	21:29		Carr. Lon.=293deg	
	21:29		MaxkeV=140	
Frequency (MHz)/Flux(sfu):	245/1200	1375A	Rast=265"x265"	Step=5" Pitch=+7", Yaw=+13"
			1415/68	
Event # = 12457				
89/11/09, 21:50	D0Y=313			
Start	Peak	SMM Pointing:		
GOES		N03W00	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg
HXRBS*	21:49:49	Qual=00		
UVSP	21:29	Qual=01	MaxkeV=114	
	21:29		Rast=265"x265"	Step=5" Pitch=+7", Yaw=+13"
Radio Frequency (MHz)/Flux(sfu):	245/1200	1375A		
			1415/68	

Event # = 23428																				
89/11/09,22:47	DOY=313	Peak	End times																	
Optical																				
GOES	22:43	22:47	23:04	Ha...Class=SF	N18E04	AR5783														
BCS	22:56	22:56	23:04	Importance=M2	Qual=05															
FCS				CaPeak.c/s=73	Qual=5															
UVSP	23:00			Wavelength=1375A		FePeak=22:57														
						Exp #=99582														
Event # = 12458																				
89/11/09,23:25	DOY=313	Peak	End times	SMM Pointing:	N09E01															
GOES					Qual=00															
HXRBS*	23:25:22	23:25:26	23:25:37	Peak...c/s=49	Qual=01	Tot Cts=123														
UVSP	23:04			Wavelength=1375A		Exp #=99583														
Event # = 12459																				
89/11/09,23:37	DOY=313	Peak	End times	SMM Pointing:	N30E01															
GOES	23:28	23:37	23:53	Importance=M1	Qual=01															
HXRBS*	23:29:35	23:30:39	23:36:31	Peak...c/s=174	Qual=01	Tot Cts=12706														
BCS	23:30	23:34	23:48	CaPeak.c/s=329	Qual=1	FePeak=23:34														
FCS																				
UVSP	23:04			Wavelength=1375A	Code=00	Exp #=99583														
Event # = 12460																				
89/11/09,23:47	DOY=313	Peak	End times	SMM Pointing:	N30E01															
GOES					Qual=00															
HXRBS*	23:47:38	23:47:43	23:47:50	Peak...c/s=43	Qual=01	Tot Cts=74														
UVSP	23:04			Wavelength=1375A		Exp #=99583														
Event # = 12461																				
89/11/10,00:30	DOY=314	Peak	End times	SMM Pointing:	N08W00															
GOES					Qual=00															
HXRBS*	00:30:17	00:30:55	00:31:44	Peak...c/s=61	Qual=01	Tot Cts=796														
UVSP	00:30			Wavelength=1375A		Exp #=99584														
Event # = 23429																				
89/11/10,00:33	DOY=314	Peak	End times	SMM Pointing:	N08W00															
GOES					Qual=00															
BCS	00:32	00:33	00:34	CaPeak.c/s=21	Qual=4	FePeak=00:32														
FCS																				
UVSP	00:30			Wavelength=1375A		Exp #=99584														
Event # = 23430																				
89/11/10,00:36	DOY=314	Peak	End times																	
GOES					Qual=00															
BCS	00:36	00:36	00:38	CaPeak.c/s=19	Qual=4	FePeak=00:36														
FCS																				
UVSP	00:30			Wavelength=1375A		Exp #=99584														

Event # = 23431		
89/11/10,00:40	DOY=314	Peak
GOES	00:40	00:46
BCS	00:40	00:46
FCS	00:40	00:46
UVSP	00:30	00:46
Qual=00 Qual= 4 CaPeak.c/s=23 FePeak=00:41 Wavelength=1375A Exp #=99584 FePeak.c/s=9 dt= 0.5s Rast=240"x240" Cad= 262s Step=15" Pitch=5" H.Ang=931402 XEN=931402 Yaw=+21" XEN=931404 Yaw=+21"		
Event # = 12462		
89/11/10,00:50	DOY=314	Peak
Optical		
GOES		
HXRBS*	00:49:34	00:51:29
UVSP	00:30	00:51:29
Radio	Frequency(MHz)/Flux(sfu): 606/84 1415/36 2695/67 4995/41 8800/32 15400/57	
SMM Pointing: N30W00 H.Ang=27deg Ha...Class=SF AR5786 Carr. Lon.=249deg H.Ang=47deg Peak...c/s=850 Qual=01 Tot Cts=12212 Wavelength=1375A Exp #=99584 MaxVel=218 Rast=70"x70" Step=5" Pitch=-126" Yaw=+21"		
Event # = 23432		
89/11/10,01:00	DOY=314	Peak
Optical		
GOES		
BCS	00:59	01:06
FCS	00:59	01:06
UVSP	00:30	01:06
Ha...Class=SF AR5783 Carr. Lon.=296deg H.Ang=14deg CaPeak.c/s=31 FePeak=01:00 Wavelength=1375A Exp #=99584 FePeak.c/s=8 dt= 0.5s Rast=240"x240" Cad= 262s Step=15" Pitch=5" H.Ang=931403 XEN=931403 Yaw=+21"		
Event # = 23433		
89/11/10,01:08	DOY=314	Peak
Optical		
GOES		
BCS	01:08	01:10
FCS	01:08	01:10
UVSP	00:30	01:10
Ha...Class=SF AR5783 Carr. Lon.=296deg H.Ang=14deg CaPeak.c/s=20 FePeak=01:08 Wavelength=1375A Exp #=99584 FePeak.c/s=5 dt= 0.5s Rast=240"x240" Cad= 262s Step=15" Pitch=5" H.Ang=931404 XEN=931404 Yaw=+21"		
Event # = 23434		
89/11/10,01:12	DOY=314	Peak
Optical		
GOES		
BCS	01:12	01:14
FCS	01:12	01:14
UVSP	00:30	01:14
Ha...Class=SF AR5783 Carr. Lon.=296deg H.Ang=14deg CaPeak.c/s=21 FePeak=01:12 Wavelength=1375A Exp #=99584 FePeak.c/s=6 dt= 0.5s Rast=240"x240" Cad= 262s Step=15" Pitch=5" H.Ang=931405 XEN=931405 Yaw=+21"		
Event # = 23435		
89/11/10,01:16	DOY=314	Peak
Optical		
GOES		
BCS	01:15	01:17
FCS	01:15	01:17
UVSP	00:30	01:17
Ha...Class=SF AR5783 Carr. Lon.=296deg H.Ang=14deg CaPeak.c/s=19 FePeak=01:16 Wavelength=1375A Exp #=99584 FePeak.c/s=5 dt= 0.5s Rast=240"x240" Cad= 262s Step=15" Pitch=5" H.Ang=931406 XEN=931406 Yaw=+21"		

Event # = 12463	89/11/10,01:55	Start	DOY=314	Peak	End times	SMM Pointing:	N08W00	Pitch=-81",Yaw=-1",Roll=0deg	H.Ang=5deg
Optical	01:43	01:55	02:36	02:36	Ha...Class=1N	N18W01	AR5783	Mac.=FKI	H.Ang=15deg
GOES	01:55:56	01:56:17	02:04:00	02:30	Importance=M4	Qual=05		MaxkeV=114	
HXRBS*	01:57	01:58	02:30		Peak...c/s=131	Qual=02	Tot Cts=10112	dt= 3.8s	XEN=931407
BGS					CaPeak.c/s=2022	Qual= 5	FePeak=01:57	Rast=240"x240"	Cad= 262s
FCS					WaveLength=1375A	Code=02	Exp #=99585	Step=5"	Pitch=-156",Yaw=+5"
UVSP	02:01								
Event # = 12464	89/11/10,02:16	Start	DOY=314	Peak	End times	SMM Pointing:	N19W01	Pitch=-262",Yaw=-16",Roll=0deg	H.Ang=16deg
Optical					Ha...Class=SF	N10E41	AR5786	Mac.=FAO	H.Ang=41deg
GOES					Peak...c/s=694	Qual=01		MaxkeV=245	
HXRBS*	02:16:19	02:16:56	02:19:49		WaveLength=1375A		Tot Cts=12836	Rast=70"x70"	Pitch=-156",Yaw=+5"
UVSP	02:01				Type/Intensity: III/2		Exp #=99585		
Radio Sweeps					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	End times	SMM Pointing:	N19W01	Pitch=-262",Yaw=-16",Roll=0deg	H.Ang=16deg
GOES					Qual=00			MaxkeV=165	
HXRBS*	02:30:18	02:30:23	02:30:32	02:49	Peak...c/s=157	Qual=01	Tot Cts=335	dt= 7.7s	XEN=931408
BGS					CaPeak.c/s=92	Qual= 5	FePeak=02:30	Rast=240"x240"	Cad= 262s
FCS					WaveLength=1375A		Exp #=99585	Step=5"	Pitch=-156",Yaw=+5"
UVSP	02:01								
Event # = 12466	89/11/10,02:37	Start	DOY=314	Peak	End times	SMM Pointing:	N19W01	Pitch=-262",Yaw=-16",Roll=0deg	H.Ang=16deg
GOES					Qual=00			MaxkeV=192	
HXRBS*	02:37:02	02:37:53	02:38:50		Peak...c/s=167	Qual=01	Tot Cts=2761	Rast=70"x70"	Pitch=-156",Yaw=+5"
UVSP	02:01				WaveLength=1375A		Exp #=99585		
Event # = 12467	89/11/10,03:42	Start	DOY=314	Peak	End times	SMM Pointing:	N19W02	Pitch=-261",Yaw=-29",Roll=0deg	H.Ang=16deg
Optical					Ha...Class=1F	N18W03	AR5783	Mac.=FKI	H.Ang=15deg
GOES	03:38	03:42	03:51	03:54	Importance=M1	Qual=04		MaxkeV=165	
HXRBS*	03:39:21	03:40:32	03:44:23	03:54	Peak...c/s=509	Qual=01	Tot Cts=26893	dt= 3.8s	XEN=931409
BGS					CaPeak.c/s=775	Qual= 1	FePeak=03:41	Rast=240"x240"	Cad= 262s
FCS					WaveLength=1375A	Code=00	Exp #=99586	Step=5"	Pitch=-156",Yaw=-9"
UVSP	03:31				Associated Event # = 23436		FePeak=03:54	Rast=180"x180"	Cad= 332s
BGS	03:54	03:54	03:58		CaPeak.c/s=31	Qual= 5			
FCS									
Event # = 12468	89/11/10,05:04	Start	DOY=314	Peak	End times	SMM Pointing:	N19W03	Pitch=-261",Yaw=-42",Roll=0deg	H.Ang=16deg
GOES					Qual=00			MaxkeV=88	
HXRBS*	05:03:40	05:04:02	05:04:41		Peak...c/s=56	Qual=01	Tot Cts=298	Rast=70"x70"	Pitch=-156",Yaw=-22"
UVSP	05:03				WaveLength=1375A		Exp #=99587		

Event # = 23437		DOY=314		Peak		End times			
89/11/10,05:15	Start	05:09	05:15	05:28	05:28	05:15	05:15	05:28	05:28
GOES						Qual=00			
BCS						Qual=1	FePeak=05:15		
FCS						CaPeak.c/s=52			
UVSP						Wavelength=1375A	Exp #=99587		
Event # = 12469		DOY=314		Peak		End times			
89/11/10,05:31	Start	05:31:38	05:31:46	05:31:59	05:31:59	05:31:46	05:31:46	05:31:59	05:31:59
GOES						Qual=00			
HXRBS*						Qual=01	Tot Cts=224		
UVSP						Peak...c/s=75	Exp #=99587		
						Wavelength=1375A			
Event # = 23438		DOY=314		Peak		End times			
89/11/10,05:43	Start	05:40	05:43	05:45	05:45	05:43	05:43	05:45	05:45
Optical						N18W04	AR5783		
GOES						Qual=00			
BCS						Qual=1	FePeak=05:42		
FCS						Ha...Class=SF			
UVSP						CaPeak.c/s=33	Exp #=99587		
						Wavelength=1375A			
Event # = 23439		DOY=314		Peak		End times			
89/11/10,05:48	Start	05:47	05:48	05:50	05:50	05:48	05:48	05:50	05:50
Optical						N18W04	AR5783		
GOES						Qual=00			
BCS						Qual=1	FePeak=05:48		
FCS						Ha...Class=SF			
UVSP						CaPeak.c/s=49	Exp #=99587		
						Wavelength=1375A			
Event # = 12470		DOY=314		Peak		End times			
89/11/10,06:20	Start	06:02	06:20	06:50	06:50	06:20	06:20	06:50	06:50
Optical						N19W04	AR5783		
GOES						N18W01			
HXRBS*						Qual=05			
BCS						Qual=11	Tot Cts=1825		
FCS						Qual=5	FePeak=06:46		
UVSP						Wavelength=1375A	Exp #=99588		
Event # = 12478		DOY=314		Peak		End times			
89/11/10,08:13	Start	08:08	08:13	08:20	08:20	08:13	08:13	08:20	08:20
Optical						N03W00	AR5783		
GOES						N17W05			
HXRBS*						Qual=01			
UVSP						Qual=11	Tot Cts=2040		
						Peak...c/s=83	Exp #=99589		
						Wavelength=2788A	Event # = 12479		
						Associated	Tot Cts=157		
						Peak...c/s=77			

Event # = 23440 89/11/10, 08:27	Start	DOY=314 Peak	End times	Qual=00 Qual= 5	FePeak=08:27	Exp #=99589	FePeak.c/s=10 Rast=240"x240"	#Peaks=1 Step=15"	dt= 7.7s Cad= 262s	XEN=931415 1.024s/pixel
GOES	08:27	08:27	08:31	CaPeak.c/s=24						
BGS				WaveLength=2788A						
FCS										
UVSP	08:44									
Event # = 12482 89/11/10, 08:32	Start	DOY=314 Peak	End times	N03W00			Pitch=-6", Yaw=+7"	Roll=177deg	H.Ang=1deg	
Optical				S19E66	AR5788		Carr.Lon.=225deg	H.Ang=69deg		
GOES				Qual=00						
HXRBS*	08:30:10	08:32:12	08:32:50	Peak...c/s=48	Tot Cts=632		MaxkeV=114	Step=0"	Pitch=-3"	Yaw=+0"
UVSP	08:44			WaveLength=2788A	Exp #=99589		Rast=180"x1"			
Event # = 12483 89/11/10, 08:41	Start	DOY=314 Peak	End times	N03W00			Pitch=-6", Yaw=+7"	Roll=177deg	H.Ang=1deg	
Optical				S19E66	AR5788		Carr.Lon.=225deg	H.Ang=69deg		
GOES				Qual=00						
HXRBS*	08:41:25	08:41:33	08:42:09	Peak...c/s=44	Tot Cts=163		MaxkeV=88	Step=0"	Pitch=-3"	Yaw=+0"
UVSP	08:44			WaveLength=2788A	Exp #=99589		Rast=180"x1"			
Event # = 12484 89/11/10, 08:43	Start	DOY=314 Peak	End times	N03W00			Pitch=-6", Yaw=+7"	Roll=177deg	H.Ang=1deg	
Optical				S19E66	AR5788		Carr.Lon.=225deg	H.Ang=69deg		
GOES				Qual=00						
HXRBS*	08:43:00	08:43:16	08:43:38	Peak...c/s=56	Tot Cts=224		MaxkeV=88	Step=0"	Pitch=-3"	Yaw=+0"
UVSP	08:44			WaveLength=2788A	Exp #=99589		Rast=180"x1"			
Event # = 12476 89/11/10, 11:31	Start	DOY=314 Peak	End times	N19W06			Pitch=-260", Yaw=-100"	Roll=0deg	H.Ang=17deg	
Optical				N18W08	AR5783		Mac.=FKI	Carr.Lon.=297deg	H.Ang=17deg	
GOES	11:27	11:31	11:36	Ha...Class=SF						
HXRBS*	11:27:32	11:27:59	11:32:03	Importance=M1	Tot Cts=21038		MaxkeV=165	Flags=SA	Pitch=-127"	Yaw=-171"
UVSP	11:45			Peak...c/s=630	Exp #=99591		Rast=180"x1"	Step=0"		
				WaveLength=2788A						
Event # = 12477 89/11/10, 11:40	Start	DOY=314 Peak	End times	N19W06			Pitch=-260", Yaw=-100"	Roll=0deg	H.Ang=17deg	
GOES				Qual=00						
HXRBS*	11:36:00	11:39:06	11:40:30	Peak...c/s=259	Tot Cts=10188		MaxkeV=140	#Peaks=1	dt= 3.8s	XEN=931416
BGS	11:02	11:40	11:52	CaPeak.c/s=426	FePeak=11:40		FePeak.c/s=111	Step=10"	Cad= 332s	1.024s/pixel
FCS							Rast=180"x180"	Step=0"	Pitch=-127"	Yaw=-171"
UVSP	11:45			WaveLength=2788A	Exp #=99591		Rast=180"x1"	Step=0"		
Event # = 12471 89/11/10, 12:31	Start	DOY=314 Peak	End times	N19W06			Pitch=-260", Yaw=-100"	Roll=0deg	H.Ang=17deg	
GOES				Qual=00						
HXRBS*	12:30:57	12:31:26	12:31:55	Peak...c/s=46	Tot Cts=263		MaxkeV=62	Step=0"	Pitch=-127"	Yaw=-176"
UVSP	12:21			WaveLength=2788A	Exp #=99592		Rast=180"x1"			

Event # = 12473					
89/11/10, 12:36	DOY=314				
Start	Peak				
GOES		SMM Pointing:	N19W06		Pitch=-260", Yaw=-100", Roll=0deg
HXRBS*	12:36:35	Peak...c/s=53	Qual=00		H.Ang=17deg
UVSP	12:21	Wavelength=2788A	Qual=01	Tot Cts=136	
				Exp #=99592	Step=0" Pitch=-127", Yaw=-176"
Event # = 12472					
89/11/10, 13:12	DOY=314				
Start	Peak	SMM Pointing:	N19W06		Pitch=-260", Yaw=-100", Roll=0deg
GOES			Qual=00		H.Ang=17deg
HXRBS*	12:34:00	Peak...c/s=83	Qual=01	Tot Cts=941	
BCS	12:31	CaPeak.c/s=300	Qual= 5	FePeak=13:19	dt= 7.7s XEN=931417
FCS					Step=15" Cad= 262s 1.024s/pixel
UVSP	13:16	Wavelength=2788A		Exp #=99593	Step=0" Pitch=-127", Yaw=-184"
Event # = 12474					
89/11/10, 13:31	DOY=314				
Start	Peak	SMM Pointing:	N19W07		Pitch=-261", Yaw=-111", Roll=0deg
Optical					H.Ang=17deg
GOES	12:54	Ha...Class=IN	N19W04		
HXRBS*	12:55:14	Importance=M1	Qual=02	AR5783	Mac.=FKI Carr. Lon.=292deg
UVSP	13:16	Peak...c/s=223	Qual=12		H.Ang=16deg
		Wavelength=2788A	Code=01	Tot Cts=34164	Flags=SA, IS
				Exp #=99593	Step=0" Pitch=-127", Yaw=-184"
HXRBS*	13:22:15	Peak...c/s=50	Associated	Event # = 12475	
			Qual=01	Tot Cts=202	
Event # = 23441					
89/11/10, 14:02	DOY=314				
Start	Peak				
GOES			Qual=05		
BCS	14:01	CaPeak.c/s=52	Qual= 5	FePeak=14:04	dt= 3.8s XEN=931418
FCS					Step=15" Cad= 262s 1.024s/pixel
UVSP	13:51	Wavelength=2788A		Exp #=99594	Step=0" Pitch=-127", Yaw=-176"
Event # = 12480					
89/11/10, 16:17	DOY=314				
Start	Peak	SMM Pointing:	N19W09		Pitch=-262", Yaw=-137", Roll=0deg
GOES	16:12	Importance=C8	Qual=01		H.Ang=18deg
HXRBS*	16:13:35	Peak...c/s=65	Qual=02	Tot Cts=510	
UVSP	16:16	Wavelength=2788A	Code=00	Exp #=99597	Flags=SA
					Step=0" Pitch=-127", Yaw=-176"
Event # = 12481					
89/11/10, 17:08	DOY=314				
Start	Peak	SMM Pointing:	N19W09		Pitch=-262", Yaw=-137", Roll=0deg
Optical					H.Ang=18deg
GOES		Ha...Class=SF	S22E69	AR5788	
HXRBS*	17:01:11	Peak...c/s=63	Qual=00		
BCS	17:07	CaPeak.c/s=30	Qual=02	Tot Cts=3848	dt= 7.7s XEN=931419
FCS			Qual= 4	FePeak=17:07	Step=15" Cad= 262s 1.024s/pixel
UVSP	16:52	Wavelength=2788A		Exp #=99598	Step=0" Pitch=-127", Yaw=-176"

Event # = 23443	DOY=314	End times	
89/11/10,21:34	Peak		
GOES		Qual=00	
BCS	21:34	21:34	21:41
FCS		CaPeak.c/s=22	FePeak=21:36
UVSP	21:23	Wavelength=2788A	Exp #=99603
FePeak.c/s=5 #Peaks=1 dt= 7.7s XEN=931420			
Rast=240"x240" Cad= 262s 1.024s/pixel			
Rast=180"x1" Step=0" Pitch=-129",Yaw=+1"			
Event # = 12485			
89/11/10,21:45	DOY=314	End times	
Start	Peak		
GOES		N19W12	
HXRBS*	21:43:15	21:44:23	21:44:29
BCS	21:45	21:45	21:46
FCS		Peak...c/s=63	Tot Cts=249
UVSP	21:23	CaPeak.c/s=21	FePeak=21:45
MaxkeV=62			
FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=931421			
Rast=240"x240" Cad= 262s 1.024s/pixel			
Rast=180"x1" Step=0" Pitch=-129",Yaw=+1"			
Event # = 23444			
89/11/10,21:49	DOY=314	End times	
Start	Peak		
GOES		Qual=00	
BCS	21:47	21:49	21:52
FCS		CaPeak.c/s=29	FePeak=21:49
UVSP	21:23	Wavelength=2788A	Exp #=99603
FePeak.c/s=8 #Peaks=1 dt= 7.7s XEN=931422			
Rast=240"x240" Cad= 262s 1.024s/pixel			
Rast=180"x1" Step=0" Pitch=-129",Yaw=+1"			
Event # = 12486			
89/11/10,22:01	DOY=314	End times	
Start	Peak		
GOES		N19W12	
Optical			
HXRBS*	21:57	22:01	22:04
BCS	21:58:41	21:58:59	21:59:37
FCS		Ha...Class=SF	AR5786
UVSP	21:23	Importance=C4	
Mac.=FA0 Carr. Lon.=252deg H.Ang=19deg			
MaxkeV=88			
Rast=180"x1" Step=0" Pitch=-129",Yaw=+1"			
Event # = 12487			
89/11/11,00:53	DOY=315	End times	
Start	Peak		
GOES		N19W13	
HXRBS*	00:53:43	00:53:57	00:54:21
BCS	00:39	00:39	00:40
FCS		Peak...c/s=68	Tot Cts=507
UVSP	00:39	Wavelength=1375A	Exp #=99607
Pitch=-264",Yaw=-214",Roll=0deg H.Ang=20deg			
MaxkeV=88			
Rast=265"x265" Step=5" Pitch=-257",Yaw=-199"			
Event # = 12488			
89/11/11,05:07	DOY=315	End times	
Start	Peak		
GOES		N19W15	
Optical			
HXRBS*	04:58	05:07	05:33
BCS	05:05:09	05:05:43	05:15:19
FCS	05:11	05:11	05:12
UVSP	05:11	05:11	05:12
Radio		Frequency(MHz)/Flux(sfu):	4995/39 8800/56 15400/74
Mac.=FKC Carr. Lon.=304deg H.Ang=21deg			
MaxkeV=140			
Rast=70"x70" Step=5" Pitch=-250",Yaw=-300"			
Event # = 12489			
89/11/11,05:26	DOY=315	End times	
Start	Peak		
GOES		N19W16	
HXRBS*	05:26:32	05:26:44	05:27:48
BCS	05:11	05:11	05:12
FCS		Peak...c/s=58	Tot Cts=591
UVSP	05:11	Wavelength=1375A	Exp #=99612
Pitch=-261",Yaw=-255",Roll=0deg H.Ang=22deg			
MaxkeV=62			
Rast=70"x70" Step=5" Pitch=-250",Yaw=-300"			

Event # = 12490	DOY=315		SMM Pointing:		N19W17	Pitch=-265", Yaw=-265", Roll=0deg		H. Ang=23deg	
89/11/11,07:16	Peak		Ha...Class=SF		N19W14	Mac.=FKC		Carr. Lon.=292deg	
Optical	07:16		Importance=C7		Qual=03				
GOES	07:11:06		Peak...c/s=80		Qual=01	MaxkeV=114		H. Ang=21deg	
HXRBS*	07:11:14		WaveLength=1375A		Code=00	Rast=70"x70"		Step=5" Pitch=-250", Yaw=-312"	
UVSP	06:41								
Event # = 12491	DOY=315		SMM Pointing:		N04W17	Pitch=-7", Yaw=-279", Roll=0deg		H. Ang=17deg	
89/11/11,09:05	Peak		Importance=M1		Qual=03	MaxkeV=245			
GOES	08:56		Peak...c/s=274		Qual=01	Rast=70"x70"		Step=5" Pitch=+14", Yaw=-49"	
HXRBS*	08:55:57		WaveLength=1375A						
UVSP	09:41		Type/Intensity: I1/I1 I11/I3						
Radio Sweeps	Frequency(MHz)/Flux(sfu):		1415/40 2695/110 4995/92 8800/38						
Event # = 12492	DOY=315		SMM Pointing:		N03W00	Pitch=+0", Yaw=+0", Roll=7deg		H. Ang=0deg	
89/11/11,19:00	Peak		Peak...c/s=56		Qual=00	MaxkeV=88			
GOES	19:00:29		WaveLength=2788A		Qual=01	Rast=180"x1"		Step=0" Pitch=+134", Yaw=+185"	
HXRBS*	18:29								
UVSP									
89/11/12 DOY=316									
Event # = 12493	DOY=316		SMM Pointing:		N19W29	Pitch=-270", Yaw=-444", Roll=0deg		H. Ang=32deg	
89/11/12,06:05	Peak		Ha...Class=2N		N15W40	Mac.=FKI		Carr. Lon.=306deg	
Optical	06:05		Importance=X2		Qual=03	Flags=EN		Dur=180sec	
GOES	05:56		Peak...c/s=9913		Qual=03	Rast=70"x70"		Step=5" Pitch=-266", Yaw=-484"	
HXRBS*	05:57:18		WaveLength=1375A		Code=00	Exp #=99637			
GRS	05:59:00		Type/Intensity: I1/3 I11/2			1415/150 2695/360 4995/840 8800/1200 15400/1700			
UVSP	05:18		Frequency(MHz)/Flux(sfu):						
Radio Sweeps	245/17000 410/1100 606/79 1415/150 2695/360 4995/840 8800/1200 15400/1700								
Event # = 12494	DOY=316		SMM Pointing:		N19W35	Pitch=-274", Yaw=-525", Roll=0deg		H. Ang=38deg	
89/11/12,17:16	Peak		Peak...c/s=43		Qual=00	MaxkeV=62			
GOES	17:15:48		WaveLength=2788A		Qual=01	Rast=180"x1"		Step=0" Pitch=-141", Yaw=-347"	
HXRBS*	17:15:48								
UVSP	17:05								
Event # = 12495	DOY=316		SMM Pointing:		N19W37	Pitch=-277", Yaw=-548", Roll=0deg		H. Ang=39deg	
89/11/12,20:18	Peak		Peak...c/s=51		Qual=00	MaxkeV=88			
GOES	20:18:08		WaveLength=2788A		Qual=01	Rast=180"x1"		Step=0" Pitch=-142", Yaw=-368"	
HXRBS*	20:18:08								
UVSP	20:06								

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	Wavelength=1375A		MaxkeV=88 H.Ang=59deg
			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		MaxkeV=88 H.Ang=39deg
Radio Sweeps	Wavelength=1375A		Rast=70" x70" Step=5" Pitch=-290", Yaw=-609"
Radio	Type/Intensity:		
	III/3 V/3		
	Frequency(MHz)/Flux(stu):		
	245/1000		

HXRBS*	08:45:07 08:45:28 08:45:46		
Radio	Frequency(MHz)/Flux(stu):		
	410/230 606/76		

Event # = 12498			
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		MaxkeV=62 H.Ang=47deg
UVSP	Wave length=2788A		Rast=180" x1" Step=0" Pitch=-147", Yaw=-472"
			Tot Cts=297 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		MaxkeV=88 H.Ang=48deg
UVSP	Wave length=2788A		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	AR5783	Mac.=FKI Carr.Lon.=289deg
UVSP	Peak...c/s=407		MaxkeV=114 H.Ang=55deg
	Wavelength=2788A		Rast=180" x1" Step=0" Pitch=-154", Yaw=-558"
			Tot Cts=5529 Exp #=99680

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	AR5786	Mac.=FAI Carr.Lon.=248deg
UVSP	Wavelength=1375A		MaxkeV=114 H.Ang=16deg
			Rast=70" x70" Step=5" Pitch=+44", Yaw=-49"
			Tot Cts=679 Exp #=99690

Event # = 12503									
89/11/14,11:44	DOY=318	SMM Pointing:		N19W60	Pitch=-291",Yaw=-800",Roll=0deg		H.Ang=61deg		
	Start	End times							
G0ES	11:33	11:44	11:54	Qual=02					
HXRBS*	11:34:12	11:35:15	11:35:41	Importance=C8					
				Peak...c/s=57					
UVSP	10:00			Wavelength=1375A	Tot Cts=1084	Step=5"	Pitch=+44"	Yaw=-49"	
				Code=00	Exp #=99690				
Event # = 12504									
89/11/14,11:56	DOY=318	SMM Pointing:		N19W60	Pitch=-291",Yaw=-800",Roll=0deg		H.Ang=61deg		
	Start	End times							
G0ES	11:56:03	11:56:24	11:57:00	Qual=00					
HXRBS*	11:56:03	11:56:24	11:57:00	Peak...c/s=64					
UVSP	10:00			Wavelength=1375A	Tot Cts=657	Step=5"	Pitch=+44"	Yaw=-49"	
					Exp #=99690				
Event # = 12505									
89/11/14,14:36	DOY=318	SMM Pointing:		N19W62	Pitch=-290",Yaw=-812",Roll=0deg		H.Ang=63deg		
	Start	End times							
Optical	14:33	14:36	14:40	N11W19					
G0ES	14:33	14:36	14:40	Ha...Class=SF					
HXRBS*	14:33:31	14:34:14	14:35:50	Importance=C4	Carr. Lon.=254deg		H.Ang=21deg		
UVSP	15:11			Peak...c/s=292					
				Wavelength=2788A	Tot Cts=7761	Step=0"	Pitch=-160"	Yaw=-633"	
				Radio Frequency(MHz)/Flux(sfu):	Exp #=99695				
				8800/78 15400/72					
Event # = 12506									
89/11/14,22:17	DOY=318	SMM Pointing:		N19W66	Pitch=-297",Yaw=-841",Roll=0deg		H.Ang=67deg		
	Start	End times							
Optical	21:38	22:17	23:06	N18W61					
G0ES	21:38	22:17	23:06	Ha...Class=SN	Carr. Lon.=291deg		H.Ang=62deg		
HXRBS*	22:09:08	22:11:32	22:12:41	Importance=M1					
UVSP				Peak...c/s=77	Tot Cts=3020	Flags=EG	Pitch=+187"	Yaw=-848"	
					Exp #=99695				
Event # = 12507									
89/11/15,01:20	DOY=319	SMM Pointing:		N03W00	Pitch=-0",Yaw=-4",Roll=0deg		H.Ang=0deg		
	Start	End times							
Optical	01:12	01:20	01:27	N19W67					
G0ES	01:12	01:20	01:27	Ha...Class=SF					
HXRBS*	01:12:07	01:12:46	01:16:21	Importance=C5	Carr. Lon.=296deg		H.Ang=67deg		
UVSP				Peak...c/s=165	MaxkeV=114	Pitch=+185"	Yaw=-698"		
Event # = 12508									
89/11/15,04:00	DOY=319	SMM Pointing:		N03W00	Pitch=-1",Yaw=-3",Roll=10deg		H.Ang=0deg		
	Start	End times							
Optical	03:55	04:00	04:04	S27E29					
G0ES	03:55	04:00	04:04	Ha...Class=SF	Carr. Lon.=198deg		H.Ang=41deg		
HXRBS*	03:57:24	03:57:50	04:00:24	Importance=C5	Flags=SN				
UVSP	04:02			Peak...c/s=67	Tot Cts=1467	Step=5"	Pitch=-293"	Yaw=-850"	
				Wavelength=1375A	Exp #=99712				
Event # = 12509									
89/11/15,04:10	DOY=319	SMM Pointing:		N19W70	Pitch=-307",Yaw=-860",Roll=0deg		H.Ang=70deg		
	Start	End times							
G0ES	04:10:11	04:10:41	04:12:39	Qual=00					
HXRBS*	04:10:11	04:10:41	04:12:39	Peak...c/s=91	Tot Cts=3757		Pitch=-286"		
UVSP	04:06			Wave length=1375A	Exp #=99713	Step=5"	Pitch=-286"	Yaw=-897"	

Event # = 12510																	
89/11/15, 05:40	D0Y=319	SMM Pointing:	N19W70							Pitch=-307", Yaw=-860", Roll=0deg	H. Ang=70deg						
Optical	Peak	Ha...Class=SF	N19W66							Mac.=FKI	Carr. Lon.=292deg	H. Ang=66deg					
GOES	05:11	Importance=M2	Qual=04														
HXRBS*	05:27:24	Peak...c/s=181	Qual=11														
UVSP	05:32	Wavelength=I375A	Code=00							MaxkeV=114	Flags=IS						
										Rast=70"x70"	Step=5"	Pitch=-287", Yaw=-901"					
Event # = 12511																	
89/11/15, 06:59	D0Y=319	SMM Pointing:	N19W71							Pitch=-301", Yaw=-870", Roll=0deg	H. Ang=71deg						
Optical	Peak	Ha...Class=3B	N11W26							Mac.=FKI	Carr. Lon.=252deg	H. Ang=27deg					
GOES	06:52	Importance=X3	Qual=03														
HXRBS*	06:57:06	Peak...c/s=23000	Qual=14														
UVSP	07:03	Wavelength=I375A	Code=02							Tot Cts=5.13E+6	Flags=SN,EN,IS						
Radio Sweeps		Type/Intensity:	II/3							Rast=70"x70"	Step=5"	Pitch=-287", Yaw=-905"					
Radio Frequency(MHz)/Flux(sfu):			IV/3							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	D0Y=319	SMM Pointing:	N03W00							Pitch=+4", Yaw=+2", Roll=169deg	H. Ang=0deg						
Optical	Peak	Ha...Class=SF	N17W65							Mac.=FKI	Carr. Lon.=289deg	H. Ang=65deg					
GOES	10:36:16	Peak...c/s=157	Qual=01														
HXRBS*	10:36:52	Wavelength=I375A								MaxkeV=114	Flags=I						
UVSP	10:03									Rast=70"x70"	Step=5"	Pitch=+14", Yaw=-34"					
Event # = 12512																	
89/11/15, 16:45	D0Y=319	SMM Pointing:	N13W32							Pitch=-180", Yaw=-508", Roll=0deg	H. Ang=34deg						
Optical	Peak	Ha...Class=SF	N19W67							Mac.=FKI	Carr. Lon.=287deg	H. Ang=67deg					
GOES	16:44:49	Peak...c/s=46	Qual=01														
HXRBS*	16:45:21	Wavelength=2788A								MaxkeV=62	Flags=I						
UVSP	16:46									Rast=180"x1"	Step=0"	Pitch=-46", Yaw=-328"					
Event # = 12513																	
89/11/15, 19:34	D0Y=319	SMM Pointing:	N13W34							Pitch=-181", Yaw=-531", Roll=0deg	H. Ang=35deg						
Optical	Peak	Ha...Class=SF	N13W34														
GOES	19:17:36	Peak...c/s=52700	Qual=13														
HXRBS*	19:34:04	Wavelength=2788A								MaxkeV=461	Flags=EN,DG						
GRS	19:33:00																
UVSP	19:46									Rast=180"x1"	Step=0"	Pitch=-47", Yaw=-352"					
Event # = 12514																	
89/11/15, 19:39	D0Y=319	SMM Pointing:	N13W35							Pitch=-181", Yaw=-542", Roll=0deg	H. Ang=36deg						
Optical	Peak	Ha...Class=2B	N16W27							Mac.=FKI	Carr. Lon.=246deg	H. Ang=30deg					
GOES	19:17	Importance=X2	Qual=05														
HXRBS*	20:32:12	Peak...c/s=79	Qual=01														
UVSP	19:46	Wavelength=2788A	Code=02							MaxkeV=140	Flags=M5,ND						
Radio Frequency(MHz)/Flux(sfu):			2695/130							Rast=180"x1"	Step=0"	Pitch=-47", Yaw=-352"					

Event # = 12515																				
89/11/15, 22:07	D0Y=319	Peak	End times	SMM Pointing:	M13W36						Pitch=-182",	Yaw=-553",	Roll=0deg						H. Ang=37deg	
Goes					Qual=00															
HXRBS*	22:06:34	22:07:05	22:07:19	Peak...c/s=80	Qual=01						MaxkeV=88									
UVSP	21:50			Wavelength=2788A							Rast=180"x1"		Step=0"	Pitch=-47",	Yaw=-367"					
Event # = 12516																				
89/11/15, 22:49	D0Y=319	Peak	End times	SMM Pointing:	M13W36															
Goes					Qual=00															
HXRBS*	22:49:51	22:49:59	22:50:16	Peak...c/s=69	Qual=01						MaxkeV=88									
UVSP	22:46			Wavelength=2788A							Rast=180"x1"		Step=0"	Pitch=-47",	Yaw=-374"					
89/11/16 D0Y=320																				
Event # = 12662																				
89/11/16, 01:30	D0Y=320	Peak	End times	SMM Pointing:	M12W38															
Goes					Qual=01															
HXRBS*	01:27	01:30	01:34	Importance=C4	Qual=01						MaxkeV=62			Flags=I,ND						
UVSP	01:27:44	01:28:17	01:28:34	Peak...c/s=63	Code=00						Rast=243"x243"		Step=3"	Pitch=-175",	Yaw=-563"					
89/11/16 D0Y=320																				
Event # = 12663																				
89/11/16, 04:23	D0Y=320	Peak	End times	SMM Pointing:	M03W00															
Goes					Qual=03															
HXRBS*	04:12	04:23	04:39	Importance=M1	Qual=11						MaxkeV=192			Flags=I,DG,ND						
UVSP	04:12:27	04:14:29	04:24:21	Peak...c/s=1358	Code=00						Rast=70"x70"		Step=5"	Pitch=-41",	Yaw=+6"					
Radio	04:06			Wavelength=1375A																
				Frequency(MHz)/Flux(sfu):							606/660	1415/53	2695/91	4995/45						
Event # = 12664																				
89/11/16, 04:52	D0Y=320	Peak	End times	SMM Pointing:	M03W00															
Goes					Qual=00															
HXRBS*	04:51:30	04:52:07	04:52:33	Peak...c/s=58	Qual=01						MaxkeV=62			Flags=I,ND						
UVSP	04:06			Wavelength=1375A							Rast=70"x70"		Step=5"	Pitch=-41",	Yaw=+6"					
Event # = 12517																				
89/11/16, 07:24	D0Y=320	Peak	End times	SMM Pointing:	M13W41															
Optical					S40E50															
Goes				Code=EPL	Qual=00															
HXRBS*	07:24:17	07:24:29	07:24:40	Peak...c/s=43	Qual=11						MaxkeV=62			Flags=IS						
UVSP	07:06			Wavelength=1375A							Rast=70"x70"		Step=5"	Pitch=-225",	Yaw=-612"					
Event # = 12518																				
89/11/16, 09:08	D0Y=320	Peak	End times	SMM Pointing:	M13W42															
Optical					S40E50															
Goes				Code=EPL	Qual=00															
HXRBS*	09:08:41	09:08:51	09:08:57	Peak...c/s=60	Qual=01						MaxkeV=62			Flags=IS						
UVSP	08:37			Wavelength=1375A							Rast=70"x70"		Step=5"	Pitch=-225",	Yaw=-622"					

89/11/18		DOY=322	
Event # = 12526	89/11/18, 01:51	DOY=322	Peak
Optical	Start	End times	
GOES	01:22	01:51	01:57
HXRBS*	01:46:45	01:47:35	01:48:01
Radio	Frequency(MHz)/Flux(sfu):	4995/47	
		Ha...Class=SF	
		Importance=C5	
		Peak...c/s=699	
			4995/47
			MaxkeV=271
			Qual=01
			Tot Cts=11426
			AR5786
			N12W66
			Qual=04
			H. Ang=66deg
			Carr. Lon.=255deg
			Flags=I
Event # = 12665	89/11/18, 07:27	DOY=322	Peak
GOES	Start	End times	
HXRBS*	07:26:53	07:27:14	07:27:43
			Peak...c/s=49
			MaxkeV=62
			Qual=00
			Qual=01
			Tot Cts=275
			Flags=I
Event # = 12527	89/11/18, 10:50	DOY=322	Peak
GOES	Start	End times	
HXRBS*	10:46	10:50	10:54
			Importance=C4
			Peak...c/s=45
			MaxkeV=114
			Qual=01
			Qual=01
			Tot Cts=1266
			MaxkeV=114
Event # = 12528	89/11/18, 22:05	DOY=322	Peak
GOES	Start	End times	
HXRBS*	22:05:02	22:05:08	22:05:30
			Peak...c/s=59
			MaxkeV=114
			Qual=00
			Qual=01
			Tot Cts=249
			MaxkeV=114
Event # = 12529	89/11/18, 23:39	DOY=322	Peak
Optical	Start	End times	
GOES	23:38:55	23:39:26	23:44:03
HXRBS*	23:38:55	23:39:26	23:44:03
Radio Sweeps	Type/Intensity:	V/3	
			Ha...Class=SF
			Importance=C5
			Peak...c/s=65
			MaxkeV=88
			Qual=01
			Qual=00
			S25W21
			AR5793
			Mac.=DSO
			Carr. Lon.=198deg
			H. Ang=34deg
			Flags=I
Event # = 12667	89/11/19, 04:36	DOY=323	Peak
GOES	Start	End times	
HXRBS*	04:35:29	04:36:43	04:38:00
			Peak...c/s=55
			MaxkeV=88
			Qual=00
			Qual=01
			Tot Cts=896
			Flags=I
Event # = 12668	89/11/19, 04:44	DOY=323	Peak
GOES	Start	End times	
HXRBS*	04:43:46	04:44:41	04:44:57
Radio Sweeps	Type/Intensity:	I11/3	
			Peak...c/s=51
			MaxkeV=88
			Qual=00
			Qual=01
			Tot Cts=376
			Flags=I

Event # = 12669									
89/11/19,06:26	DOY=323	Start	Peak	End times					
Optical					S24W25	AR5793	Mac.=EAI	Carr. Lon.=198deg	H. Ang=36deg
GOES	06:17	06:26	06:33	06:33	Importance=X1				
HXRBS*	06:17:40	06:21:40	06:23:07	06:23:07	Peak...c/s=24352	Qual=01	Tot Cts=8.08E+5	MaxkeV=461	Flags=M5, I
GRS	06:21:00		06:22:00	06:22:00				>10MeV=Y	Dur=60sec
Radio Sweeps	Type/Intensity:				III/3				
Radio	Frequency(MHz)/Flux(sfu):	245/880	410/170	606/110	1415/180	2695/370	4995/720	8800/1800	15400/2200
Event # = 12533									
89/11/19,08:55	DOY=323	Start	Peak	End times					
GOES					Qual=00				
HXRBS*	08:54:47	08:55:01	08:56:57	08:56:57	Peak...c/s=55	Tot Cts=979	MaxkeV=88		
Event # = 12534									
89/11/19,09:05	DOY=323	Start	Peak	End times					
Optical					S25W32	AR5793	Mac.=EAI	Carr. Lon.=204deg	H. Ang=41deg
GOES					Qual=00				
HXRBS*	09:05:10	09:05:30	09:07:57	09:07:57	Peak...c/s=58	Tot Cts=693	MaxkeV=88		
Event # = 12530									
89/11/19,10:43	DOY=323	Start	Peak	End times					
GOES					Qual=00				
HXRBS*	10:43:08	10:43:26	10:44:47	10:44:47	Peak...c/s=69	Tot Cts=902	MaxkeV=88		
Event # = 12531									
89/11/19,10:50	DOY=323	Start	Peak	End times					
GOES					Qual=00				
HXRBS*	10:48:49	10:50:58	10:51:27	10:51:27	Peak...c/s=97	Tot Cts=2456	MaxkeV=88		
Event # = 12532									
89/11/19,11:34	DOY=323	Start	Peak	End times					
Optical					S24W27	AR5793	Mac.=EAI	Carr. Lon.=197deg	H. Ang=37deg
GOES	11:26	11:34	11:44	11:44	Importance=M1				
HXRBS*	11:30:06	11:30:22	11:38:20	11:38:20	Peak...c/s=204	Tot Cts=20575	MaxkeV=218	Flags=SN, EG	
Radio Sweeps	Type/Intensity:				III/2				
Radio	Frequency(MHz)/Flux(sfu):	245/110							
Event # = 12535									
89/11/19,21:12	DOY=323	Start	Peak	End times					
GOES					Qual=00				
HXRBS*	21:12:07	21:12:29	21:12:34	21:12:34	Peak...c/s=47	Tot Cts=138	MaxkeV=62		
Event # = 12536									
89/11/19,21:18	DOY=323	Start	Peak	End times					
GOES					Qual=00				
HXRBS*	21:17:38	21:18:06	21:18:33	21:18:33	Peak...c/s=49	Tot Cts=303	MaxkeV=62		
Radio Sweeps	Type/Intensity:				III/1				

Event # = 12537										
89/11/19,22:36	DOY=323	Peak	End times							
G0ES										
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							
G0ES										
HXRBS*	23:31:48	23:33:15	23:33:37	Peak...c/s=54	Qual=00	Tot Cts=564	MaxkeV=88			
89/11/20 DOY=324										
Event # = 12670										
89/11/20,02:36	DOY=324	Peak	End times							
G0ES	02:20	02:36	02:42	Importance=C3	Qual=04	Tot Cts=696	MaxkeV=62		Flags=I	
HXRBS*	02:34:12	02:34:29	02:35:19	Peak...c/s=73	Qual=01	Tot Cts=696	MaxkeV=62			
Event # = 12671										
89/11/20,02:44	DOY=324	Peak	End times							
G0ES										
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							
G0ES	05:30	05:34	05:39	Importance=C4	Qual=03	Tot Cts=1.03E+5	MaxkeV=140		Flags=SN, IS	
HXRBS*	05:27:40	05:31:01	05:44:39	Peak...c/s=599	Qual=12	Tot Cts=1.03E+5	MaxkeV=140			
Radio	Frequency(MHz)/Flux(stu): 4995/66 8800/86 15400/48									
Event # = 12540										
89/11/20,06:08	DOY=324	Peak	End times							
G0ES										
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							
G0ES	20:19	20:36	20:40	Importance=C6	Qual=03	Tot Cts=11400	MaxkeV=114			
HXRBS*	20:32:51	20:33:53	20:35:11	Peak...c/s=357	Qual=01	Tot Cts=11400	MaxkeV=114			
89/11/21 DOY=325										
Event # = 12542										
89/11/21,22:04	DOY=325	Peak	End times							
G0ES										
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
Qual=01 Tot Cts=234 Maxkel=62

Radio Sweeps Type/Intensity: III/2
Radio Frequency(MHz)/Flux(sfu): 606/51

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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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