

JANUARY 2001

| Day | Event Type | Start (UT) | End (UT) | Lat | CMD | CMP Mo Day | Imp | Extent | Blue Shift (.1 A) | Red Shift (.1 A) | Obs Type | Sta | NOAA/USAF Reg# | Remarks |
|-----|------------|------------|----------|-----|-----|------------|-----|--------|-------------------|------------------|----------|------|----------------|---------|
| 17 | EPL | 1404 | 1424 | S14 | E90 | 01 24.4 | 1 | | 9 | 9 | E | SVTO | | |
| 19 | DSF | 2137U | 1141U | S18 | E09 | 01 20.6 | | 08 | 0 | 0 | E | RAMY | | |
| 21 | DSF | 1912 | 1917 | S07 | E40 | 01 24.8 | 3 | 07 | 0 | 0 | E | RAMY | 9313 | |
| 24 | DSF | 1616U | 1205U | N13 | W13 | 01 23.7 | | 16 | 0 | 0 | E | RAMY | | |
| 24 | DSF | 1616U | 1205U | S14 | W47 | 01 21.1 | | 08 | 0 | 0 | E | RAMY | | |
| 29 | DSF | 2322U | 1534U | N29 | E12 | 01 30.9 | 3 | 24 | 0 | 0 | E | HOLL | | |
| 31 | BSD | 1536 | 1544 | S22 | W80 | 01 25.5 | | | 0 | 0 | E | HOLL | 9316 | |
| 31 | BSD | 1536 | 1544 | S77 | W21 | 01 29.7 | | 11 | 0 | 0 | E | RAMY | 9316 | |

ADF = Active Dark Filament

AFS = Arch Filament System

APR = Active Prominence

ASR = Active Surge Region

BSD = Bright Surge on Disk

BSL = Bright Surge on Limb

CAP = CAP Prominence (Tandberg-Hanssen)

CRN = Coronal Rain

DSD = Dark Surge on Disk

DSF = Disappearing Solar Filament

EPL = Eruptive Prominence on Limb

LPS = Loops

MDP = Mound Prominence

SDF/DSF = Sudden Disappearing Filament

SPY = Spray

SSB = Solar Sector Boundary

For SOLAR SECTOR BOUNDARY REPORTS, the latitude field contains the Carrington longitude of the point where a neutral line crosses the solar equator. The comments field may contain the Carrington longitude and central meridian distance of two more intersection points.

The EXTENT field for limb events is the radial extent above the limb in hundredths of solar radius. For disk events this field contains the heliographic extent in whole degrees.

The remark "Bright Emission 1/3" indicates that bright emission was observed 1/3 of time.

The remark "Normal Emission 1/3" indicates that normal emission was observed 1/3 of time.

Observation Type: C= Cinematographic, E= Electronic, P= Photographic, V= Visual.

ABST = Abastumani

ATHN = Athens

BUCA = Bucharest

CATA = Catania

HOLL = Holloman

KHAR = Kharkov

LEAR = Learmonth

PALE = Palehua

RAMY = Ramey

SVTO = San Vito

VORO = Voroshilov

VALA = Valasske Mezirici

WROC = Wroclaw

NOTE: The U.S. Air Force solar observing sites (HOLL, LEAR, RAMY, AND SVTO) have changed operational requirements and will only report the following: BSL, EPL, LPS, SPY, and DSF's.