# ACTIVE PROMINENCES AND FILAMENTS

## OCTOBER 2004

| Day | Event Type | Start (UT) | End (UT) | Lat | CMD | CMP Mo | CMP Day | Imp | Extent | Blue Shift (.1 A) | Red Shift (.1 A) | Obs Type | Sta | NOAA/ USAF Reg# | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 03 | DSF | 0017 | 0047 | S13 | W12 | 10 | 2.1 | 3 | 07 | 0 | 0 | E | LEAR | 0675 | |
| 05 | LPS | 0057E | 0125D | S14 | E90 | 10 | 11.8 | | | 0 | 0 | E | LEAR | | |
| 05 | DSF | 2348U | 1408U | N12 | W11 | 10 | 5.2 | | 14 | 0 | 0 | E | HOLL | | |
| 07 | BSL | 0903 | 0925 | S10 | E90 | 10 | 14.1 | 1 | 03 | 9 | 9 | V | KHAR | | |
| 08 | DSF | 2127U | 1337U | N13 | E40 | 10 | 11.9 | | 16 | 0 | 0 | E | HOLL | | |
| 23 | EPL | 0215 | 0600 | S20 | E90 | 10 | 30.0 | 3 | | 8 | 8 | E | LEAR | | |
| 24 | DSF | 0925U | 2242U | N19 | E35 | 10 | 27.1 | | 15 | 0 | 0 | E | LEAR | | |
| 28 | DSF | 2307U | 1346U | S12 | E25 | 10 | 30.8 | | 10 | 0 | 0 | E | HOLL | | |

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.