

ACTIVE PROMINENCES AND FILAMENTS

DECEMBER 2002

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
02	DSF	1018U	2225U	N07	E56	12	6.6		09	0	0	E	LEAR		
08	EPL	2327	2341	S22	E90	12	15.9	3		8	8	E	LEAR		
13	EPL	2242	2330	S23	W90	12	7.0	3		9	9	E	LEAR		
13	EPL	2247	2321	S23	W90	12	7.0	3		3	3	E	HOLL		
15	DSF	2322U	1900U	S36	W28	12	13.7		06	0	0	E	HOLL		
17	DSF	1020U	2218U	N55	E21	12	19.2		12	0	0	E	LEAR		
20	DSF	2036U	1122U	N39	W07	12	20.3		24	0	0	E	RAMY		
21	DSF	1446U	0745U	N40	E36	12	24.5		35	0	0	E	SVTO		
21	DSF	2036U	1122U	N39	W07	12	21.3		24	0	0	E	RAMY		
21	DSF	2241U	1506U	N43	E15	12	23.2		24	0	0	E	HOLL		
21	DSF	2241U	1506U	S13	W15	12	20.8		18	0	0	E	HOLL		
21	DSF	2346	0322	N44	E33	12	24.7	3	41	0	0	E	LEAR		
26	DSF	1738	1803	N67	E04	12	27.1	3	17	0	0	E	HOLL		
26	EPL	1757E	1824	N15	E90	01	2.6	3		1	0	E	RAMY		
26	DSF	1757U	1824	N15	E90	01	2.6	3	26	1	0	E	RAMY		
26	BSL	1811E	1824	N15	E90	01	2.6			1	0	E	RAMY		
28	DSF	2337U	1438U	S14	W50	12	25.2		10	0	0	E	HOLL		
29	DSF	1424U	0718U	S23	W24	12	27.7		08	0	0	E	SVTO		
29	DSF	1711U	1122U	S23	W27	12	27.6		12	0	0	E	RAMY		

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.