

ACTIVE PROMINENCES AND FILAMENTS

NOVEMBER 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
01	EPL	0403E	0434	S30	W90	10 25.2	3		5	9	E	LEAR		
02	DSF	1418U	1233U	N13	W42	10 30.5		04	0	0	E	SVTO		
02	DSF	1928U	1050U	N08	W45	10 30.5		07	0	0	E	RAMY		
04	DSF	0943U	2253U	S20	W08	11 3.8	2	09	0	0	E	LEAR		
04	DSF	1334U	0814U	S19	W14	11 3.5		10	0	0	E	SVTO		
04	DSF	1942U	1134U	S35	E11	11 5.7		11	0	0	E	RAMY		
05	DSF	1515U	0722U	S07	W43	11 2.4		07	0	0	E	SVTO		
08	DSF	0954U	2238U	N21	E05	11 8.8		08	0	0	E	LEAR		
12	LPS	2025E	2240	S12	W88	11 6.2			9	9	E	HOLL	0180	
15	LPS	0329	0820	S19	E90	11 22.0			8	9	E	LEAR		
15	DSF	0950U	2230U	N24	E12	11 16.3		07	0	0	E	LEAR		
18	BSL	1705	0000	N20	W90	11 11.8			9	9	E	RAMY	0192	Flare Associated
18	BSL	1705	1817	N20	W90	11 11.8			9	9	E	RAMY	0192	Flare Associated
19	BSL	1010E	1028U	S11	W90	11 12.6	1	07	9	9	V	KHAR		
20	SPY	1938	1948	S15	W90	11 14.0	1		0	0	E	HOLL	0191	
24	DSF	1847	1950	N10	E27	11 26.8		33	0	0	E	HOLL		
24	DSF	1849	2058	N06	E28	11 26.9		31	0	0	E	RAMY		
27	BSL	0705	1010	N25	W81	11 21.0	1		9	8	E	LEAR	0197	
27	BSL	0938	1010	S20	W68	11 22.2	1		9	9	E	LEAR	0198	
27	DSF	1001U	0018U	S39	E03	11 27.7		11	0	0	E	LEAR		
27	BSL	1005E	1032D	S20	W90	11 20.5			9	9	E	SVTO	0198	

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.