

ACTIVE PROMINENCES AND FILAMENTS

33
Jan 04

JANUARY 2004

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	LPS	0815E	0916D	S15	E90	01	8.1	1		8	9	E	LEAR		
05	DSF	2103	1500U	S06	E36	01	8.6		11	0	0	E	HOLL	0536	
06	DSF	2313U	1447U	N10	E04	01	7.3		09	0	0	E	HOLL		
08	DSF	1953U	2013U	S10	E45	01	12.2		15	0	0	E	HOLL	0537	
09	DSF	2332U	1516U	S21	E09	01	10.7		12	0	0	E	HOLL		
12	EPL	1945	2001	N00	E90	01	19.5	3		9	9	E	HOLL		
13	EPL	1508	1540	N07	E90	01	20.4	1		9	9	E	HOLL		
13	DSF	2338U	1459U	S57	E19	01	15.6		09	0	0	E	HOLL		
13	DSF	2338U	1459U	S57	E19	01	15.6		09	0	0	E	HOLL		
20	DSF	2335U	1537U	N21	W10	01	20.2		12	0	0	E	HOLL		
21	DSF	2330U	1501U	S48	E85	01	29.1		28	0	0	E	HOLL		
21	EPL	2345	0101	N09	W90	01	15.2	3		9	9	E	LEAR		
29	DSF	1434U	0709U	S08	W50	01	25.8		12	0	0	E	SVTO		
29	DSF	2205	2320	S08	W59	01	25.5	3	12	0	0	E	HOLL		
31	DSF	0045U	1543U	S13	W42	01	27.9		06	0	0	E	HOLL		

ADF = Active Dark Filament	BSL = Bright Surge on Limb	EPL = Eruptive Prominence on Limb
AFS = Arch Filament System	CAP = CAP Prominence (Tandberg-Hanssen)	LPS = Loops
APR = Active Prominence	CRN = Coronal Rain	MDP = Mound Prominence
ASR = Active Surge Region	DSD = Dark Surge on Disk	SDF/DSF = Sudden Disappearing Filament
BSD = Bright Surge on Disk	DSF = Disappearing Solar 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	HOLL = Holloman	RAMY = Ramey
ATHN = Athens	KHAR = Kharkov	SVTO = San Vito
BUCA = Bucharest	LEAR = Learmonth	VORO = Voroshilov
CATA = Catania	PALE = Palehua	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.