

16  
May 06

ACTIVE PROMINENCES AND FILAMENTS

MAY 2006

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	0912U	2303U	N01	E08	05	3.0	2	02	0	0	E	LEAR		
03	DSF	1648U	0630U	S33	W07	05	3.1		16	0	0	E	SVTO		
04	DSF	0946U	0752U	S35	W07	05	3.8		14	0	0	E	LEAR		
05	DSF	0059U	1300U	S47	E03	05	5.3	3	39	0	0	E	HOLL		
06	EPL	1621	1755	S23	W90	04	29.8	3		9	9	E	HOLL	0875	
11	EPL	1752	2000	N30	E90	05	18.8	3		6	9	E	HOLL		
12	DSF	0942U	2251U	S24	E52	05	16.4		05	0	0	E	LEAR		
17	DSF	0020U	1255U	S29	W39	05	13.9	3	16	0	0	E	HOLL		
22	DSF	1920U	2020U	S18	E15	05	23.9	3	06	0	0	E	HOLL	0884	
29	DSF	0126U	1246U	S06	W52	05	25.2	3	05	0	0	E	HOLL		
30	SPY	1850	1936	S15	W90	05	24.0	3		6	6	E	HOLL	0885	

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.