

26  
May 04

ACTIVE PROMINENCES AND FILAMENTS

MAY 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
19	DSF	1521	1740	N04	W34	05	17.1		19	0	0	E	HOLL		
19	DSF	1714U	0440U	N20	E39	05	22.7		09	0	0	E	SVTO	0615	
20	DSF	0003U	1231U	N25	E22	05	21.7	3	13	0	0	E	HOLL	0615	
20	DSF	1709U	0418U	N16	W53	05	16.7		08	0	0	E	SVTO		
24	DSF	1731U	0405U	N17	W01	05	24.6		18	0	0	E	SVTO		
24	DSF	1753	1916	N15	W06	05	24.3	3	19	0	0	E	HOLL		
27	BSL	0923	0937	N03	W90	05	20.7	1	03	9	9	V	KHAR		

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.