

ACTIVE PROMINENCES AND FILAMENTS

29
Dec 04

DECEMBER 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
08	DSF	0908U	2223U	N06	E04	12	8.7	2	08	0	0	E	LEAR		
08	DSF	1917	1942	N01	W07	12	8.3		14	0	0	E	HOLL	0709	Flare Associated
15	EPL	2245	0113D	N25	E90	12	22.9	1		9	9	E	LEAR		
16	EPL	1556	2145	N25	E90	12	23.6	1		8	8	E	HOLL		
19	DSF	2328U	1417U	N22	E54	12	24.1		19	0	0	E	HOLL		
24	DSF	1445U	0721U	N03	E15	12	25.7		06	0	0	E	SVTO		
28	LPS	1832	1905	N03	E78	01	3.6	1		0	0	E	HOLL		
29	BSL	0309	0320	S23	W90	12	22.2	3		9	9	E	LEAR	0713	

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.