

ACTIVE PROMINENCES AND FILAMENTS

JULY 2005

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
04	DSF	1710U	0417U	S17	W13	07	3.7		11	0	0	E	SVTO		
05	DSF	0205U	1220U	S22	W22	07	3.4	3	26	0	0	E	HOLL		
07	DSF	1033	1148	N07	E00	07	7.4	2	11	0	0	E	SVTO	0786	
09	DSF	2122U	1256U	S31	E03	07	10.1		14	0	0	E	HOLL		
10	EPL	1535	1555	N08	W90	07	3.9	3		9	9	E	HOLL	0783	
13	LPS	0517E	0935	N13	W90	07	6.3			9	9	E	LEAR	0786	
14	BSL	0722	0808D	N06	W90	07	7.6			9	9	E	LEAR	0786	Flare Associated
14	LPS	1146	1748	N11	W90	07	7.7			9	9	E	SVTO	0786	
14	APR	1250E	1350D	N12	W90	07	7.7	2	10	9	9	V	KHAR		
14	LPS	1305E	2338	N12	W90	07	7.8	1		9	9	E	HOLL	0786	
14	EPL	1647	1733	N10	W90	07	7.9	3		9	9	E	HOLL	0786	
14	BSL	1648	1713	N12	W90	07	7.9			9	9	E	SVTO	0786	
14	EPL	1807	1859	N09	W90	07	8.0	3		8	7	E	HOLL	0786	
14	LPS	2324E	0455D	N06	W90	07	8.2			9	9	E	LEAR	0786	
15	EPL	0731E	0828D	N08	W90	07	8.6	3		9	9	E	LEAR	0786	
15	BSL	0800E	0821	N09	W90	07	8.6			9	9	E	SVTO	0786	
16	LPS	0432E	0630	N17	W90	07	9.3			9	9	E	SVTO		
27	EPL	0439	0511	N10	E90	08	2.9	1		9	9	E	LEAR		
27	EPL	0440	0459	N11	E90	08	3.0	1		9	9	E	SVTO		
28	LPS	0247E	0416D	N09	E90	08	3.9			9	9	E	LEAR		
28	DSF	1700U	0521U	S25	W05	07	28.3		12	0	0	E	SVTO		
28	DSF	1700U	0607	S16	E28	07	30.8		16	0	0	E	SVTO		
28	BSL	2154	2225	N12	E90	08	4.7			9	9	E	HOLL	0792	Flare Associated
29	DSF	0108U	1324U	S25	E33	07	31.6		13	0	0	E	HOLL		
29	EPL	1739	1825	N18	E71	08	4.1			9	9	E	HOLL	0792	

- | | | |
|----------------------------|---|--|
| 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.