

ACTIVE PROMINENCES AND FILAMENTS

AUGUST 2002

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	DSF	0927U	2334U	N08	E59	08 5.8		07	0	0	E	LEAR		
01	EPL	1630E	1710	N53	W90	07 25.1	3		9	7	E	SVTO		
02	DSF	0936U	2325U	S09	W01	08 2.3		05	0	0	E	LEAR	0057	
02	ADF	1230E	1245	S05	W06	08 2.1	2	09	9	9	V	KHAR		
03	BSL	0001	0035	S19	W90	07 27.2			3	4	E	LEAR	0044	
03	BSL	0149	0200	S18	W90	07 27.3			9	9	E	LEAR	0044	Flare Associated
03	LPS	2120E	2300	S21	W90	07 28.1			9	9	E	HOLL	0040	
04	LPS	1410E	1501	S17	W90	07 28.8			9	9	E	RAMY	0039	
04	DSF	1615U	0506U	S02	E36	08 7.4		14	0	0	E	SVTO		
06	DSF	0936U	0329U	S29	W31	08 4.0		25	0	0	E	LEAR		
06	DSF	0936U	0329U	S35	W36	08 3.5		08	0	0	E	LEAR		
06	DSF	1640U	0434U	S30	W21	08 5.0		18	0	0	E	SVTO		
06	DSF	1640U	0434U	S32	W23	08 4.9		15	0	0	E	SVTO		
06	DSF	1641	1740	S42	W40	08 3.4	3	44	0	0	E	HOLL		
07	DSF	0926U	2349U	S20	E19	08 8.8		19	0	0	E	LEAR	0064	
07	EPL	1128E	1147	S46	W90	07 31.0	3		9	9	E	SVTO		
07	DSF	1734U	0523U	S29	E21	08 9.4		08	0	0	E	SVTO		
08	APR	1000E	1040	N04	W90	08 1.6	1	07	9	9	V	KHAR		
08	BSL	1016	1025	S10	W90	08 1.6	1	03	9	9	V	KHAR		
08	BSL	1112	1133D	S11	W90	08 1.6	2	11	9	9	V	KHAR		
08	BSL	1225	1255D	S10	W90	08 1.7	1	02	8	9	V	KHAR		
09	APR	1000U	1015	N19	E90	08 16.2	1	07	9	6	V	KHAR		
09	BSL	1005	1027	S12	W90	08 2.6	1	03	9	6	V	KHAR		
10	DSF	1657U	1047U	N37	W02	08 10.5		25	0	0	E	RAMY		
10	DSF	1807U	1242U	N22	W36	08 8.0		48	0	0	E	HOLL		
11	DSF	0652	0757	N28	W51	08 7.3		19	0	0	E	LEAR		
12	DSF	0054U	1331U	S29	E31	08 14.5		07	0	0	E	HOLL		
15	DSF	0926U	2350U	S41	E46	08 19.1		40	0	0	E	LEAR		
15	DSF	0931U	2326U	N34	W09	08 14.7		07	0	0	E	LEAR		
15	DSF	0931U	2326U	S34	W09	08 14.7		07	0	0	E	LEAR		
17	EPL	0105	0119	S19	E90	08 23.9	3		9	9	E	LEAR		Flare Associated
18	DSF	0938U	2348U	N00	W19	08 17.0		05	0	0	E	LEAR	0069	
19	DSF	0012U	1303U	N32	W17	08 17.7		15	0	0	E	HOLL		
19	DSF	0940U	2348U	S10	W26	08 17.4		08	0	0	E	LEAR	0069	
19	ADF	1038U	1140D	S19	W27	08 17.4	2	30	9	9	V	KHAR		
20	ADF	0858E	0910D	S01	E50	08 24.2	1	11	9	9	V	KHAR		
20	ADF	0958	1015	S19	W10	08 19.7	1	04	9	9	V	KHAR		
20	DSD	1115	1215	S04	E59	08 24.9	1	03	9	9	V	KHAR		
20	APR	1137	1215D	S09	E90	08 27.3	2	12	9	9	V	KHAR		
20	DSF	1640U	0531U	N47	E15	08 21.9		26	0	0	E	SVTO		
20	DSF	1640U	0531U	N54	E21	08 22.5		30	0	0	E	SVTO		
20	DSF	1726U	1110U	N44	W16	08 19.4		30	0	0	E	RAMY		
20	DSF	1726U	1110U	N56	W13	08 19.6		31	0	0	E	RAMY		
22	DSF	0148	0153	S23	W61	08 17.4	3	17	0	0	E	LEAR	0077	Flare Associated
22	BSL	0153	0212	S17	W64	08 17.2			9	9	E	LEAR	0069	Flare Associated
23	ADF	0910E	0925	S01	E67	08 28.5	1	05	9	9	V	KHAR		
23	DSF	0921U	2335U	N11	W32	08 21.0		09	0	0	E	LEAR		
23	APR	1010U	1100D	S05	E90	08 30.2	1	07	9	9	V	KHAR		
23	BSL	1056	1100D	S10	W90	08 16.6	1	02	9	9	V	KHAR		
23	LPS	1148	1500	S08	E90	08 30.2	1		8	4	E	RAMY		
23	LPS	1322E	1510	S02	E88	08 30.1			0	0	E	HOLL		
23	DSF	1500	1506	S07	W10	08 22.9	3		0	0	E	HOLL	0083	Flare Associated
23	DSF	1515U	0449U	N06	W43	08 20.4		11	0	0	E	SVTO		

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24	LPS	0112	0720	N06	W90	08 17.3	3		9	9	E	LEAR 0069	Flare Associated
24	DSF	1733U	1111U	S55	E76	08 31.3		45	0	0	E	RAMY	
25	ADF	0945E	1018	N08	W66	08 20.4	1	07	9	9	V	KHAR	
25	APR	1118U	1142	S04	W90	08 18.7	1	06	9	9	V	KHAR	
25	DSF	1625U	0536U	N40	E09	08 26.4		09	0	0	E	SVTO	
25	DSF	1724U	1105U	N41	E05	08 26.1		10	0	0	E	RAMY	
27	ADF	1000E	1023	S34	W36	08 24.7	1	08	9	9	V	KHAR	
27	BSL	1031	1048	N15	E90	09 3.3	1	05	9	9	V	KHAR	
27	BSL	1051	1103	N04	E90	09 3.3	2	15	9	9	V	KHAR	
28	BSL	0917E	1032	S22	W90	08 21.6	1	04	9	9	V	KHAR	
28	BSL	1100	1108D	S20	W90	08 21.6	1	03	9	4	V	KHAR	
28	DSF	1214U	0634U	N21	W40	08 25.4		26	0	0	E	SVTO	
28	DSF	1214U	0634U	N25	W33	08 25.9		23	0	0	E	SVTO	
29	ADF	0920E	1035	S10	W52	08 25.4	1	04	9	9	V	KHAR	
29	BSL	0955	1012	N14	E90	09 5.2	1	04	9	9	V	KHAR	
29	DSD	1058	1110	N09	W13	08 28.5	1	06	9	9	V	KHAR	
29	BSL	1102	1118	N13	W90	08 22.6	1	08	9	9	V	KHAR	
30	DSD	0942	0946	S09	W19	08 29.0	1	04	9	9	V	KHAR	
31	ADF	1027E	1142	N06	E72	09 5.9	2	12	9	9	V	KHAR	
31	APR	1027E	1145	N04	E90	09 7.3	2	05	9	9	V	KHAR	
31	DSD	1215	1224	N09	E51	09 4.4	1	04	9	9	V	KHAR	

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.