

## ACTIVE PROMINENCES AND FILAMENTS

DECEMBER 2001

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	LPS	2333	0814D	S10	W90	11	26.3	1		9	9	E	LEAR	9714	
03	DSF	1344U	0715U	N33	W08	12	2.9		17	0	0	E	SVTO		
03	DSF	1625U	1119U	N21	W21	12	2.1		16	0	0	E	RAMY		
03	DSF	2317U	1406U	N24	W21	12	2.3		13	0	0	E	HOLL		
03	LPS	2333	0814D	S10	W90	11	27.3	1		9	9	E	LEAR	9714	
05	DSF	0701U	2212U	N46	W34	12	2.4		22	0	0	E	LEAR		
05	DSF	0701U	2212U	S31	W12	12	4.3		10	0	0	E	LEAR		
05	DSF	0951U	0711U	N42	W57	11	30.7		24	0	0	E	SVTO		
05	DSF	0951U	0711U	S39	E12	12	6.4		10	0	0	E	SVTO		
07	BSL	1025E	1036	S30	E90	12	14.5			9	9	E	SVTO		
08	EPL	0552	0646	N12	E90	12	15.0	3		9	9	E	LEAR		
09	DSF	1431U	0700U	N27	E18	12	11.0		10	0	0	E	SVTO		
10	DSF	0116	0545	N39	E24	12	12.0	2	17	0	0	E	LEAR		
10	DSD	0935	1001	S22	W17	12	9.1		06	9	9	E	LEAR	9727	Flare Associated
10	DSF	2315U	1717U	N07	W38	12	8.1		11	0	0	E	HOLL		
11	DSF	0950U	2306U	N10	W43	12	8.2		09	0	0	E	LEAR		
12	DSF	1000U	2229U	S10	E05	12	12.8		08	0	0	E	LEAR		
12	DSF	1000U	2229U	S30	E07	12	13.0		06	0	0	E	LEAR		
12	DSF	2313U	1458U	S34	E18	12	14.4			0	0	E	HOLL		
14	LPS	0938	1035	N06	E90	12	21.1			9	9	E	LEAR		
16	EPL	0130	0221	S01	W90	12	9.3	3		0	0	E	LEAR		
16	DSF	0906U	2225U	S09	W33	12	13.9		06	0	0	E	LEAR	9739	
16	DSF	1932U	1858U	S17	W23	12	15.1		15	0	0	E	HOLL	9739	
19	DSF	2329U	1459U	S18	E11	12	20.8		09	0	0	E	HOLL		
19	EPL	2344E	0028	S43	E90	12	27.4	3		5	5	E	LEAR		
20	DSF	2329U	1443U	S44	W20	12	19.3		22	0	0	E	HOLL		
21	DSF	1441U	0708U	S19	E31	12	24.0		14	0	0	E	SVTO		
21	DSF	1636	1653	N15	E49	12	25.4	3	06	0	0	E	HOLL	9747	
21	DSF	1714U	1920U	S24	E35	12	24.4		17	0	0	E	RAMY		
22	DSF	0108	0225	S19	E26	12	24.0	2	15	0	0	E	LEAR		
22	DSF	2245U	1450U	S24	E32	12	25.4			0	0	E	HOLL		
23	DSF	2328U	1507U	N02	W06	12	23.5			0	0	E	HOLL		
24	EPL	0039	0051	S12	E90	12	30.8	1		9	7	E	LEAR		Flare Associated
26	BSD	0234	0244	N11	W61	12	21.5	3	14	0	0	E	LEAR	9742	
26	DSF	2328U	2136U	S01	W36	12	24.3		05	0	0	E	HOLL		
26	DSF	2328U	2136U	S02	W28	12	24.9		08	0	0	E	HOLL		
27	DSF	0911U	2243U	N04	W33	12	24.9	2	10	0	0	E	LEAR		
27	DSF	0911U	2243U	N05	W39	12	24.5	2	05	0	0	E	LEAR		
27	DSF	1438U	1056U	N02	W40	12	24.6		12	0	0	E	SVTO		
27	DSF	1438U	1056U	N22	E30	12	29.9		16	0	0	E	SVTO		
27	DSF	2118U	1155U	N02	E64	01	1.7		12	0	0	E	RAMY		
27	DSF	2118U	1155U	N32	E42	12	31.2		13	0	0	E	RAMY		
28	DSF	1449U	0804U	S11	E61	01	2.2		06	0	0	E	SVTO		
28	DSF	2124U	1140U	S12	E63	01	2.6	1	06	0	0	E	RAMY		
28	LPS	2132	2212	S26	E90	01	4.9			9	9	E	HOLL		
28	LPS	2223E	0850	S26	E90	01	4.9			9	9	E	LEAR		
28	DSF	2322U	1725U	N24	E44	01	1.4		13	0	0	E	HOLL		
29	ASR	0949	1014	S24	E90	01	5.4			9	9	E	LEAR		
29	DSF	1031U	2232U	S14	E09	12	30.1		13	0	0	E	LEAR		
29	DSF	2129U	1519U	S11	E61	01	3.5		05	0	0	E	HOLL		

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29	ASR	2248	2305	S23	E90	01	5.9			9	9	E	LEAR		
30	EPL	0004	0000	S25	E90	01	6.0			6	5	E	LEAR	9767	
30	EPL	0004	0022	S25	E90	01	6.0			6	5	E	LEAR	9767	
30	DSF	1904U	1222U	N12	E38	01	2.6		05	0	0	E	RAMY		

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.