

ACTIVE PROMINENCES AND FILAMENTS

41
Feb 02

FEBRUARY 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	BSL	0424	0508	S11	W90	01 25.5			9	9	E	LEAR	9797	S=2 C=
01	BSL	0424E	0000	S11	W90	01 25.5			9	9	E	LEAR	9797	S=1 C=1-
01	BSL	0424E	0000	S11	W90	01 25.5	3		9	9	E	LEAR	9797	S=1 C=1-
10	DSF	2145U	1130U	S40	E48	02 14.8		08	0	0	E	RAMY		S=2 C=
11	DSF	0006U	1438U	S41	E51	02 15.2		10	0	0	E	HOLL		S=2 C=
13	DSF	1032U	2249U	S15	W17	02 12.1		09	0	0	E	LEAR		S=2 C=
13	DSF	1541U	0640U	S22	W20	02 12.1		10	0	0	E	SVTO		S=3 C=
13	DSF	1541U	0640U	S22	W20	02 12.1		10	0	0	E	SVTO		S=2 C=32
18	DSF	1029U	2250U	N21	E37	02 21.3		07	0	0	E	LEAR		S=2 C=
19	DSF	0430	0550	S24	E21	02 20.8	2	10	0	0	E	LEAR		S=4 C=4-
19	DSF	0430	0550	S24	E21	02 20.8	2	10	0	0	E	LEAR		S=2 C=42
19	DSF	0430	0550	S24	E21	02 20.8	2	10	0	0	E	LEAR		S=3 C=
19	DSF	1411U	0633U	N42	E28	02 21.9		09	0	0	E	SVTO		S=2 C=
20	DSF	1024U	2310U	S24	E06	02 20.9		04	0	0	E	LEAR	9830	S=2 C=
21	DSF	0023U	1400U	N09	W76	02 15.3		28	0	0	E	HOLL		S=2 C=
21	EPL	0455	0000	N23	W90	02 14.3	1		9	9	E	LEAR	9825	S=2 C=32
21	EPL	0455	0532	N23	W90	02 14.3	1		9	9	E	LEAR	9825	S=3 C=
21	EPL	0558	0000	N24	W90	02 14.3	1		9	9	E	LEAR	9825	S=1 C=1-
21	EPL	0558	0608	N24	W90	02 14.3	1		9	9	E	LEAR	9825	S=2 C=
24	DSF	2239U	1421U	S39	W17	02 23.6		07	0	0	E	HOLL		S=2 C=
27	BSL	2357	0000	S24	W90	02 21.0	1		9	9	E	LEAR		S=1 C=1-
27	BSL	2357	0108	S24	W90	02 21.0	1		9	9	E	LEAR		S=2 C=
28	EPL	0005E	0000	S27	W90	02 21.0	3		0	0	E	HOLL		S=1 C=1-
28	EPL	0005E	0000	S27	W90	02 21.0	3		9	9	E	HOLL		S=1 C=1-
28	EPL	0005E	0041D	S27	W90	02 21.0	3		9	9	E	HOLL		S=2 C=
28	DSF	0944U	2222U	N16	W48	02 24.8		09	0	0	E	LEAR		S=3 C=
28	DSF	1521U	0808U	N22	W41	02 25.5		08	0	0	E	SVTO		S=2 C=
28	DSF	2052U	1739U	N40	E06	03 1.3		10	0	0	E	RAMY		S=2 C=

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.