ACTIVE PROMINENCES AND FILAMENTS

JANUARY 2002

Day	Event Type	Start (UT)	End (UT)	Lat	CMD	CMP Mo	CMP Day	Imp	Extent	Blue Shift (.1 A)	Red Shift (.1 A)	Obs Type	Sta	NOAA/ USAF Reg#	Remarks
04	EPL	0931E	1000	N38	E87	01	11.4	1		9	8	E	LEAR		
08	DSF	1003U	2256U	N27	W36	01	5.6		41	0	0	E	LEAR		
14	DSF	2030U	1145U	N21	E00	01	14.8		15	0	0	E	RAMY		
16	DSF	1016U	2259U	N05	W18	01	15.1		12	0	0	E	LEAR		
16	DSF	2221U	1535U	N11	W07	01	16.4		07	0	0	E	HOLL		
18	DSF	1029U	2253U	N34	E29	01	20.7	2		0	0	E	LEAR		
18	DSF	1029U	2253U	N34	E29	01	20.7	2		0	0	E	LEAR		
18	DSF	1459U	1135U	N30	E13	01	19.6		40	0	0	E	SVTO		
18	DSF	1701U	1133U	N32	E27	01	20.8		34	0	0	E	RAMY		
19	DSF	1029U	2253U	N34	E29	01	21.7	2		0	0	E	LEAR		
19	DSF	1459U	1135U	N30	E13	01	20.6		40	0	0	E	SVTO		
22	DSF	1349U	0825U	N12	W06	01	22.1		08	0	0	E	SVTO		
22	DSF	2006U	1145U	N13	W10	01	22.1		07	0	0	E	RAMY		
23	DSF	1026U	2234U	N11	E23	01	25.2		08	0	0	E	LEAR		
23	DSF	1444U	0720U	N18	E28	01	25.7		13	0	0	E	SVTO		
23	DSF	2031U	1402U	S52	E31	01	26.5		12	0	0	E	RAMY		
26	DSF	1030U	2303U	N33	W33	01	23.8		10	0	0	E	LEAR		
26	DSF	1439U	0711U	N36	W32	01	24.0		08	0	0	E	SVTO		
27	DSF	0959U	0110U	N11	W13	01	26.4		07	0	0	E	LEAR	9794	
27	DSF	2116U	1318U	S29	E18	01	29.3		25	0	0	E	RAMY		
28	DSF	1025U	2325U	N34	E30	01	30.8		26	0	0	E	LEAR		
28	DSF	2352U	1451U	S39	E39	02	1.1		16	0	0	E	HOLL		

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.