ACTIVE PROMINENCES AND FILAMENTS

OCTOBER 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
03	BSL	0935E	1025	S02	E90	10	10.2	1	03	9	9	V	KHAR		
06	DSF	0945U	2232U	S24	W22	10	4.7		10	0	0	E	LEAR		
06	DSF	1540U	1045U	S23	W24	10	4.8		05	0	0	E	SVTO		
08	DSF	0950U	2339U	N35	E49	10	12.3		20	0	0	E	LEAR		
13	DSF	0959U	2241U	N40	E00	10	13.4		09	0	0	E	LEAR		
14	ADF	0940E	1022	S04	E67	10	19.5	2	12	9	9	V	KHAR		
15	DSF	0957U	2219U	S35	E06	10	15.9		80	0	0	E	LEAR		
21	DSF	2248U	0943	N16	W19	10	20.5	2	04	0	0	E	LEAR		
21	DSF	2248U	0943	N22	E33	10	24.5	2	05	0	0	E	LEAR	0162	
24	DSF	1507U	0639U	S24	E25	10	26.6		67	0	0	E	SVTO		
25	DSF	2342U	1400U	S29	E50	10	29.9		36	0	0	E	HOLL		
26	DSF	0944U	2317U	N33	W58	10	21.8		15	0	0	E	LEAR		
26	DSF	0944U	2317U	S08	E38	10	29.2		10	0	0	E	LEAR		
26	BSL	1201	1215D	S11	W90	10	19.7	1	05	9	9	V	KHAR		
26	DSF	1512U	0654U	N33	W58	10	22.0		15	0	0	E	SVTO		
26	DSF	1512U	0654U	S19	E28	10	28.8		11	0	0	E	SVTO		
28	DSF	2340U	1542U	N01	E36	10	31.7		06	0	0	E	HOLL		
29	DSF	1525U	0603U	S02	W43	10	26.4		25	0	0	E	SVTO		
29	DSF	2114U	1100U	S17	W24	10	28.1		24	0	0	E	RAMY		
29	DSF	2346U	1337U	S16	W44	10	26.6		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.