ACTIVE PROMINENCES AND FILAMENTS

JULY 2004

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
01	EPL	1312	1352	S11	E90	07	8.3	3		9	9	E	HOLL		
03	DSF	0127U	1257U	S27	E21	07	4.7		15	0	0	E	HOLL		
07	DSF	0047U	1311U	N27	W16	07	5.8	3	08	0	0	E	HOLL		
08	DSF	0031U	1445U	S16	E21	07	9.6		11	0	0	E	HOLL		
10	DSF	0556	0811	S14	E04	07	10.5	3	11	0	0	E	LEAR		
10	DSF	0621	0811	S13	E04	07	10.6	3	09	0	0	E	SVTO		
12	LPS	0850	1343D	S06	E90	07	19.1			0	0	E	SVTO		
16	LPS	1407	1428	S10	E32	07	19.0	1		0	0	E	HOLL	0649	Flare Associated
17	EPL	1936	1951	N01	E90	07	24.5	3		9	9	E	HOLL	0652	Flare Associated
19	EPL	0910	0926	S12	W90	07	12.6	3		0	0	E	SVTO		
19	DSF	1732U	0423U	S03	E53	07	23.7		09	0	0	E	SVTO	0652	
19	DSF	1732U	0423U	S03	E53	07	23.7		09	0	0	E	SVTO	0652	
20	DSD	0910E	0930D	N08	E29	07	22.5	1	03	9	9	V	KHAR		
20	ADF	1020E	1115D	N10	E25	07	22.3	2	12	9	9	V	KHAR		
20	ADF	1100U	1116D	S03	E35	07	23.1	2	07	9	9	V	KHAR		
20	DSF	1739U	0421U	S06	E19	07	22.1		17	0	0	E	SVTO		
21	DSF	0159U	1400U	N20	W26	07	19.1	3	10	0	0	E	HOLL		
25	ADF	0740E	0840	N12	W45	07	21.9	3	18	9	9	V	KHAR		
26	ADF	1000E	1105D	S04	W43	07	23.2	1	12	9	9	V	KHAR		
26	DSF	1652U	1407U	N16	W50	07	22.9	3	12	0	0	E	HOLL	0652	
27	DSD	0858E	0925	N07	W64	07	22.6	1	05	9	9	V	KHAR		
27	ADF	0858E	0940	S03	W57	07	23.1	1	04	9	9	V	KHAR		
27	DSD	1019	1028D	N13	W57	07	23.1	1	05	9	0	V	KHAR		
29	DSF	0033U	1250U	S13	E37	07	31.8		14	0	0	E	HOLL		
29	BSL	0845E	0925	N03	W90	07	22.6	1	04	9	9	V	KHAR		
30	BSL	0910	0940	N03	W90	07	23.6	1	02	9	9	V	KHAR		
30	APR	0920	0955	N07	W90	07	23.6	1	04	9	9	V	KHAR		
31	DSF	0108U	1329U	N51	W25	07	28.9		23	0	0	E	HOLL		
31	DSF	0108U	1329U	S10	E36	08	2.7		12	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.