ACTIVE PROMINENCES AND FILAMENTS

APRIL 2004

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
06	EPL	2144E	0118	S07	W90	03	31.2	3		4	4	E	HOLL		
07	DSF	1805U	1335U	S23	W40	04	4.7		22	0	0	E	HOLL		
08	DSF	0057U	1431U	N13	W19	04	6.6		08	0	0	E	HOLL		
08	DSF	1249	1331	S15	W14	04	7.5		06	0	0	E	SVTO	0588	
11	DSF	0307U	0400	S18	W50	04	7.3	3	16	0	0	E	LEAR	0588	
13	DSF	0358U	0143U	S36	W24	04	11.2		14	0	0	E	LEAR		
20	EPL	0611	0706	N11	W90	04	13.5	3		9	9	E	SVTO		
20	EPL	0640E	0706	N11	W90	04	13.5	3		9	9	E	SVTO		
23	LPS	1713	2210	S90	W07	04	23.1	3		6	7	E	HOLL	0597	
30	DSF	0820U	0559U	S26	W22	04	28.6	2	10	0	0	E	SVTO		

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.