ACTIVE PROMINENCES AND FILAMENTS

APRIL 2005

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
07	EPL	0046	0018	S45	E90	04	14.5	1		7	9	E	HOLL		
07	BSL	0114E	0140	S46	E90	04	14.5	3		9	9	E	LEAR		
07	DSF	1614U	0639U	N00	E19	04	9.1		09	0	0	E	SVTO	0749	
11	SPY	2043	0000	N01	W90	04	5.1	3		7	4	E	HOLL	0751	
11	BSL	2052	0000	S02	W90	04	5.1	3		9	9	E	HOLL	0751	
13	DSF	1438U	0658U	S11	E69	04	18.8		11	0	0	E	SVTO		
14	DSF	0056U	1340U	N06	W16	04	12.8		06	0	0	E	HOLL		
14	DSF	0056U	1340U	S11	E67	04	19.1		13	0	0	E	HOLL		
14	DSF	1605U	0517U	S24	E52	04	18.7		16	0	0	E	SVTO		
17	BSL	2107	2228	S15	E76	04	23.6	3		9	9	E	HOLL	0755	
20	APR	2335E	0520	N20	W90	04	14.1	1		7	7	E	LEAR		
28	DSF	0047U	1241U	S08	E24	04	29.8		07	0	0	E	HOLL		
30	DSF	0108U	1316U	S15	E55	05	4.2		13	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.