

16
Aug 07

ACTIVE PROMINENCES AND FILAMENTS

AUGUST 2007

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
14	DSF	0009U	1333U	S05	W55	08	9.9	3	05	0	0	E	HOLL	0966	
14	DSF	1316	1336	S07	W65	08	9.7	2	05	0	0	E	SVTO	0966	

ADF = Active Dark Filament BSL = Bright Surge on Limb EPL = Eruptive Prominence on Limb
AFS = Arch Filament System CAP = CAP Prominence (Tandberg-Hanssen) LPS = Loops
APR = Active Prominence CRN = Coronal Rain MDP = Mound Prominence
ASR = Active Surge Region DSD = Dark Surge on Disk SDF/DSF = Sudden Disappearing Filament
BSD = Bright Surge on Disk DSF = Disappearing Solar 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 HOLL = Holloman RAMY = Ramey
ATHN = Athens KHAR = Kharkov SVTO = San Vito
BUCA = Bucharest LEAR = Learmonth VORO = Voroshilov
CATA = Catania PALE = Palehua 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.