ACTIVE PROMINENCES AND FILAMENTS

MAY 2001

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	DSF	0922U	2323U	S35	E09	05	2.1		19	0	0	E	LEAR		
01	DSF	1340	1414	S31	W11	04	30.7	2	14	0	0	E	HOLL		
01	DSF	1340	1414	S36	E11	05	2.4	2	13	0	0	E	HOLL		
01	DSF	1340	1417	S29	W15	04	30.4	2	14	0	0	E	SVTO		
01	DSF	1340	1417	S44	E17	05	3.0	2	13	0	0	E	SVTO		
10	DSF	1326U	1159U	S26	E33	05	13.1		12	0	0	E	RAMY		
11	DSF	0020U	1224U	S33	E26	05	13.1		17	0	0	E	HOLL		
11	DSF	0507U	1314U	S11	E14	05	12.3	2	18	0	0	E	SVTO		
11	DSF	0701U	2330U	S31	E17	05	12.6		21	0	0	E	LEAR		
13	DSF	0913U	2332U	N00	E09	05	14.0		14	0	0	E	LEAR		
13	DSF	1720U	0422U	S02	E02	05	13.9	2	14	0	0	E	SVTO		
16	APR	1020U	1046	N19	E90	05	23.2	1	04	9	9	V	KHAR		
17	ADF	0900E	0925U	N04	W63	05	12.6	2	11	9	8	V	KHAR		
17	DSD	1025E	1042	N19	W08	05	16.8	1	06	9	9	V	KHAR		
17	DSF	2010	2300	S06	W07	05	17.3	2	17	0	0	E	HOLL		
18	ADF	1015U	1242	N35	E72	05	23.9	2	12	9	9	V	KHAR		
18	APR	1045	1115D	N37	E90	05	25.3	1	04	9	9	V	KHAR		
19	BSL	1005	1015	S22	W90	05	12.6	1	07	9	6	V	KHAR		
19	BSL	1055U	1117	S22	W90	05	12.6	1	09	9	9	V	KHAR		
23	DSF	1606U	0613U	S52	E12	05	24.7	2	05	0	0	E	SVTO		
24	ADF	0945E	1010	N01	W04	05	24.1	1	05	9	6	V	KHAR		
24	ADF	1150	1205	N26	W14	05	23.4	1	06	9	9	V	KHAR		
24	APR	1210U	1250D	S13	W90	05	17.7	2	07	9	9	V	KHAR		
24	DSD	1235	1250D	S21	W38	05	21.6	1	02	9	9	V	KHAR		
24	DSF	2045U	1030U	S15	W45	05	21.4		06	0	0	E	RAMY	9470	
25	ADF	0932	0950	S22	W50	05	21.6	1	03	9	9	V	KHAR		
25	DSF	2002U	1144U	N37	E01	05	25.9		18	0	0	E	RAMY		
25	DSF	2045U	1030U	S15	W45	05	22.4		06	0	0	E	RAMY	9470	

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.