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Solar - Geophysical Data

NO. 498 FEBRUARY 1986

Part II (Comprehensive Reports)

DATA FOR
AUGUST 1985

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NATIONAL GEOPHYSICAL DATA CENTER
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NUMBER 498

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C O N T E N T S

PART I (PROMPT REPORTS)

PART II (COMPREHENSIVE REPORTS)

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Comprehensive Reports DATA FOR AUGUST 1985 Number 498 Part II

H - ALPHA S O L A R F L A R E S

AUGUST 1985

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp	Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10^{-6} Disk)	Area Measurement Corr (Sq Deg)	Remarks
0001	CULG	01	0428	0452	0533U	N06	E14	4680	08	2.2	65U	SF				C		100	1.0	U
0002	CULG	01	0631	0639	0709	N06	E14	4680	08	2.3	38	SF				C		60	.6	E
		01	2128		2132	No Flare Patrol														
0003	CULG	02	2203	2208	2233	N06	W12	4680	08	2.0	30	SF				C		30	.3	D
		05	0113		0124	No Flare Patrol														
		05	0128		0136	No Flare Patrol														
		05	0252		0257	No Flare Patrol														
		05	2252		2257	No Flare Patrol														
		05	2307		2309	No Flare Patrol														
0004	HTPR	06	0745	0748	0752	S14	W42	4682	08	3.1	7	SF				C	0748	10	.1	
0005	HTPR	06	1017	1019	1024	N09	E90		08	13.2	7	SN				C	1019	40		
0006		06	15013	1505	1512	S16	W46	4682	08	3.1	11	SF						26	.4	EF
	HTPR	06	1501	1505	1514	S15	W47	4682	08	3.1	13	SF				C	1505	30	.4	E
	RAMY	06	1504	1505	1511	S16	W45	4682	08	3.2	7	SF			3	C		23		F
0007	HTPR	06	1621	1623	1625	S15	W47	4682	08	3.1	4	SN				C	1623	20	.3	
		06	2052		2156	No Flare Patrol														
0008	PALE	06	2110E	2110U	2114D	S14	W47	4682	08	3.3	4D	SF			2	C		20		FH
0009	LEAR	07	0310	0311	0317	S12	W53	4682	08	3.1	7	SF			3	C		43		
0010	HTPR	07	0912	0916	0920	N03	W67	4680	08	2.4	8	SF				C	0916	20	.5	
0011	HTPR	07	0930	0932	0937	S14	W56	4682	08	3.2	7	SF				C	0932	10	.2	
0012	HTPR	07	1124	1136	1151	S12	W57	4682	08	3.2	27	SF				C	1136	10	.2	
0013	HTPR	07	1159	1202	1217	S14	W57	4682	08	3.2	18	SF				C	1202	20	.3	
0014		07	13032	13062	1311	S13	W59	4682	08	3.1	8	SF						23	.4	E
	HTPR	07	1303	1308	1310	S14	W58	4682	08	3.2	7	SN				C	1308	20	.4	E
	HOLL	07	1305	1306	1308	S11	W60	4682	08	3.0	3	SF			3	C		15		
	RAMY	07	1305	1307	1316	S14	W58	4682	08	3.2	11	SF			3	C		34		
0015	HTPR	07	1307	1309	1311	N01	E88	4687	08	14.1	4	SN				C	1309	10		
0016		07	14512	14551	1510	S16	W59	4682	08	3.1	19	SN						30	1.0	E
	HTPR	07	1451	1455	1515	S15	W60	4682	08	3.1	24	SN				C	1455	40	1.0	E
	RAMY	07	1453	1456	1505	S16	W58	4682	08	3.2	12	SF			3	C		20		
0017	HOLL	07	1818	1823	1857	S14	W61	4682	08	3.1	39	SF			3	C		60		F
		07	2303		2317	No Flare Patrol														
0018	ABST	08	0401E	0410U	0435D	N10	E82	4688	08	14.3	34D	SF				P	0410	70		DT
0019	ABST	08	0454	0456	0510	S14	W70	4682	08	2.9	16	1F				C	0456	96		D
0020	HTPR	08	0617	0623	0635	S15	W70	4682	08	3.0	18	SF				C	0623	20	.5	
0021		08	07212	07232	0728	S17	W70	4682	08	3.0	7	SF						48	.2	D
	ABST	08	0721	0723	0727	S19	W70	4682	08	3.0	6	SF				C	0723	87		D
	HTPR	08	0723	0725	0730	S15	W70	4682	08	3.0	7	SF				C	0725	10	.2	
0022		08	07422	07443	0800	S14	W70	4682	08	3.0	18	SN	C	5.4				64	.9	DEF
	ABST	08	0742	0744	0758	S17	W70	4682	08	3.0	16	1N				C	0744	96		D
	HTPR	08	0744	0746	0801	S15	W71	4682	08	2.9	17	SB				C	0746	40	.9	E
	LEAR	08	0744	0747	0800	S11	W69	4682	08	3.1	16	SN	C	5.4	3	C		56		F

H - ALPHA S O L A R F L A R E S

AUGUST 1985

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp	Opt	Xray	See	Obs Type	Area Measurement Time (UT)	Area Measurement Apparent (10^{-6} Disk)	Area Measurement Corr (Sq Deg)	Remarks
0023	HTPR	08	1018	1021	1028	S15	W69	4682	08	3.2	10	SN				C	1021	20	.5	
0024	HTPR	08	1242	1244	1248	S15	W70	4682	08	3.2	6	SN				C	1244	20	.5	
0025		09	07541	0742*	0808	N01	E51	4687	08	13.1	14	SF						50	.8	DEHI
	KHAR	09	0735E	0742	0757D	S02	E50	4687	08	13.0	22D	SF				V	0742			EH
	ABST	09	0754	0759	0801D	N03	E52	4687	08	13.2	7D	SF				P	0759	79	1.3	DI
	HTPR	09	0755	0801	0808	N02	E50	4687	08	13.1	13	SF				C	0801	20	.3	E
0026	KHAR	09	0751E		0755D	N11	E62	4688	08	14.0	4D	SF				V	0752	30		D
0027		09	0754	07581	0805	S13	W88	4682	08	2.7	11	SN						30		D
	HTPR	09	0754	0759	0805	S14	W90	4682	08	2.5	11	SF				C	0759	20		
	KHAR	09	0756E	0758	0808D	S12	W86	4682	08	2.8	12D	SN				V	0758	40		D
0028	KHAR	09	0825E	0828	0833D	S12	W90	4682	08	2.6	8D	SN				V	0828			DH
0029		09	0834	08384	0850	N10	E61	4688	08	13.9	16	SN						10	.2	D
	HTPR	09	0834	0838	0850	N10	E60	4688	08	13.9	16	SN				C	0838	10	.2	
	KHAR	09	0838E	0842	0853D	N10	E62	4688	08	14.0	15D	SF				V	0842			D
0030	KHAR	09	0842E		0904D	S02	E50	4687	08	13.1	22D	SN				V	0854			E
0031		09	1015E	1016*	1035D	N14	W89		08	2.7	20D	SN								DH
	KHAR	09	1015E	1016	1023D	N14	W90		08	2.6	8D	SN				V	1016			DH
	KHAR	09	1030E	1031	1035D	N15	W88		08	2.8	5D	SN				V	1031			DH
0032	KHAR	10	0638E		0645D	S02	E37	4687	08	13.0	7D	SF				V	0638			D
0033	KHAR	10	0640E		0652D	N11	E49	4688	08	14.0	12D	SF				V	0641			DH
0034	KHAR	10	0802E		0815D	N16	W90		08	3.5	13D	SF				V	0802			DH
0035	KHAR	10	0810E	0816	0830D	S02	E36	4687	08	13.0	20D	SF				V	0816			DH
0036	KHAR	10	1026E	1029	1036D	S02	E39	4687	08	13.3	10D	SF				V	1029	30	.4	D
0037	KHAR	10	1042E	1043	1055D	N11	E48	4688	08	14.0	13D	SF				V	1043			D
		11	0254		0255	No Flare Patrol														
0038	WEND	11	1600	1602	1618	N11	E29	4688	08	13.8	18	SF				C	1602	68	.8	
0039	CULG	12	0649	0653	0701	S01	E11	4687	08	13.1	12	SN				C		20	.2	D
0040	KHAR	12	0933E	0933	0945D	N09	E22	4688	08	14.0	12D	SF				V	0933			DH
0041	TACH	13	0313E	0313	0325D	N00	W02		08	13.0	12D	1N				V	0313	309	3.2	E
0042	HOLL	13	1954	1955	2007	N08	W02		08	13.7	13	SF			3	C		26		F
0043	CULG	14	0241	0419	0519	S11	W51		08	10.3	158	SF				C		60	1.0	
		14	2154		2159	No Flare Patrol														
		14	2211		2248	No Flare Patrol														
		14	2252		2311	No Flare Patrol														
0044	HTPR	16	0856	0858	0915	S01	W45		08	13.0	19	SF				C	0858	10	.1	
		17	2039		2040	No Flare Patrol														
		18	1519		1621	No Flare Patrol														
		18	1829		1837	No Flare Patrol														
		19	0106		0109	No Flare Patrol														
0045	TACH	20	0320E	0356	0435D	S19	W47	4690	08	16.5	75D	1F				C	0356	194	2.5	EG
0046	HTPR	20	1415	1423	1426	S02	E63		08	25.3	11	SF				C	1423	10	.2	

H - ALPHA S O L A R F L A R E S

AUGUST 1985

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp	Opt Xray	See	Obs Type	Area Measurement Time (UT)	Area Measurement Apparent (10^{-6} Disk)	Area Measurement Corr (Sq Deg)	Remarks
		20	2023		2032	No Flare Patrol													
0047	HTPR	21	0913	0916	0921	S20	W65	4690	08	16.4	8	SF			C	0916	20	.4	
		21	2127		2226	No Flare Patrol													
		22	1843		1856	No Flare Patrol													
		22	2029		2118	No Flare Patrol													
		22	2130		2226	No Flare Patrol													
		23	2104		2121	No Flare Patrol													
		23	2158		2211	No Flare Patrol													
		24	2208		2228	No Flare Patrol													
0048	CULG	25	0208	0213	0236	S11	E19		08	26.5	28	SF			C		40	.5	CDG
		29	2223		2236	No Flare Patrol													
		30	0242		0246	No Flare Patrol													
		30	0256		0306	No Flare Patrol													
		30	0325		0329	No Flare Patrol													

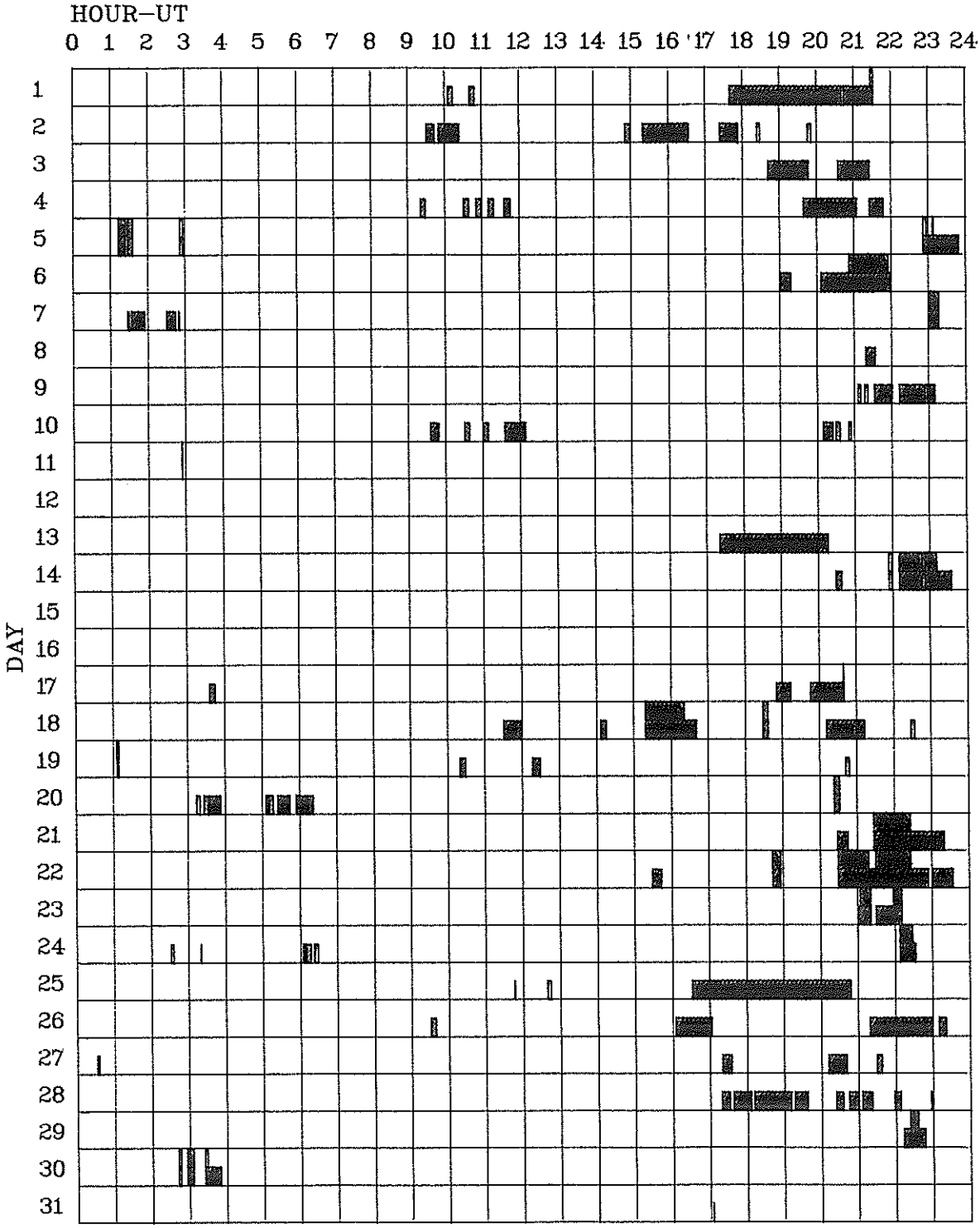
"Remarks":

A = Eruptive prominence whose base is less than 90° from central meridian.
B = Probably the end of a more important flare.
C = Invisible 10 minutes before.
D = Brilliant point.
E = Two or more brilliant points.
F = Several eruptive centers.
G = No visible spots in the neighborhood.
H = Flare accompanied by high-speed dark filament.
I = Active region very extended.
J = Distinct variations of plage intensity before or after the flare.
K = Several intensity maxima.
L = Existing filaments show signs of sudden activity.
M = White-light flare.
N = Continuous spectrum shows effects of polarization.
O = Observations have been made in the H and K lines of Ca II.
P = Flare shows helium D3 in emission.
Q = Flare shows Balmer continuum in emission.
R = Marked asymmetry in H-alpha line suggests ejection of high-velocity material.
S = Brightness follows disappearance of filament in same position.
T = Region active all day.
U = Two bright branches, parallel or converging.
V = Occurrence of an explosive phase: important, expansion within roughly 1 minute that often includes a significant intensity increase.
W = Great increase in area after time of maximum intensity.
X = Unusually wide H-alpha line.
Y = System of loop-type prominences.
Z = Major sunspot umbra covered by flare.

INTERVALS OF NO FLARE PATROL OBSERVATION

FOR PRECEDING SOLAR FLARE TABLE

AUGUST 1985



Times of no flare patrol, shown here as shaded areas, combine reports from the observatories listed below. Portions of a panel completely shaded mark dates and times of no patrol of any kind, that is, of neither visual nor cinematographic; portions of a panel with only the bottom half shaded mark times of strictly visual patrol.

Abastumani	Culgoora	Kanzelhoehe	Manila	Purple Mt.
Athens	Haute Provence	Kharkov	Mitaka	Ramey
Bucharest	Holloman	Learmonth	Palehua	Tashkent
Catania	Istanbul	Lvov	Peking	Voroshilov
				Wendelstein

NUMBER OF SOLAR FLARES
(From the Grouped Flare Listings)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1966								391	558	432	417	543
1967	796	589	1009	694	771	629	907	911	573	946	775	1109
1968	1037	773	519	460	768	697	573	611	616	772	556	640
1969	581	504	669	655	839	694	489	551	540	643	566	422
1970	466	646	578	688	722	836	954	780	811	797	687	667
1971	598	505	387	546	461	430	713	673	518	375	431	394
1972	384	599	621	361	614	541	404	515	371	408	175	210
1973	221	171	410	453	388	270	232	182	353	201	136	163
1974	127	148	79	364	255	204	360	187	270	366	153	81
1975	68	82	69	19	42	85	196	346	68	38	127	25
1976	69	18	180	60	38	48	6	47	57	23	13	55
1977	54	77	18	76	64	210	140	140	250	252	107	336
1978	274	588	338	526	330	460	533	346	554	499	418	648
1979	926	781	731	731	907	772	750	821	901	1018	888	786
1980	703	689	621	1092	811	956	763	720	924	988	1027	838
1981	578	782	914	915	658	592	893	982	680	836	773	615
1982	631	763	783	480	540	769	696*	753*	616*	545*	565*	749*
1983	332*	220*	337*	346*	609*	561*	427*	395*	289*	298*	88*	152*
1984	353*	461*	366*	440*	492*	185*	151*	161*	95*	36*	92*	69*
1985	104*	29*	38*	118*	126*	113*	177*	48*				

* Preliminary

SOLAR RADIO EMISSION
OUTSTANDING OCCURRENCES

AUGUST 1985

Day	Freq	Sta	Type		Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10^{-22} W/m^2 Hz)	Flux Density Mean (10^{-22} W/m^2 Hz)	Int	Remarks
01	260	ONDR	43	NS	0832.5	0851.5	318.0	42.0			
	204	IZMI	5	S	0926.0	0926.1	.2	3.0	1.0		
	536	ONDR	8	S	1032.6	1032.6	.2	13.0			
02	260	ONDR	43	NS	0723.0	1143.5	500.0D	58.0			
	245	LEAR	43	NS	0724.0	0806.0	142.0D	26.0			QL=6 ST=2 TYP=1
	204	IZMI	43	NS	0750.0		250.0	10.0			
	245	SGMR	44	NS	0959.0E	1803.0	558.0D	54.0			QL=6 ST=3 TYP=1
	536	ONDR	2	S/F	1241.5	1241.8	.8	8.0			
03	260	ONDR	43	NS	0723.5	0734.0	39.0	7.0			
	200	HIRA	44	NS	1947.0E	2118.0	260.0D	6.0	2.0		WR
	260	ONDR	40	F	0913.0	0928.5	20.0	6.0			
	260	ONDR	40	F	1002.0	1004.0	2.5	11.0			
	33	UPIC	1	S	1617.3	1617.4	.3				
	29	UPIC	1	S	1617.4	1617.5	.3				
04	260	ONDR	8	S	0757.0	0757.0	.2	3.0			
	808	ONDR	40	F	0900.0		68.0U				
	260	ONDR	42	SER	0901.0	0903.5	67.0	48.0			
	536	ONDR	42	SER	0913.5	0913.5	7.5	14.0			
	33	UPIC	2	S/F	1429.0	1429.1	.4				
	29	UPIC	1	S	1429.3	1429.4	.3				
	33	UPIC	2	S/F	1714.3	1714.4	.3				
	29	UPIC	1	S	1714.5	1714.7	.4				
06	2800	OTTA	22	GRF	1824.0	1826.0	15.0	1.2	.6		
	2800	OTTA	21	GRF	2100.0	2116.0	30.0	1.4	.7		
	2800	OTTA	1	S	2108.0	2108.7	2.0	3.2	1.1		
07	2000	TYKW	45	C	0304.0	0310.1	12.0	4.0	1.0D		
	3750	TYKW	45	C	0308.0	0309.9	5.0	8.0	3.0		RAIN
	1000	TYKW	5	S	0309.0	0309.9	6.0	1.0	.3		
	500	HIRA	6	S	0309.3	0309.9	2.0	2.0	1.0		0
	2950	GORK	2	S/F	0312.5	0312.8	3.3	4.8			
	3750	TYKW	29	PBI	0313.0		12.0	1.5	.7		
	810	KRAK	41	F	0903.0	0907.0	17.5	20.0			
	260	ONDR	40	F	1055.0	1056.6	1.5	5.0			
	327	BORD	46	C	1448.8	1449.1	.9	100.0			2L
	408	BORD	46	C	1448.8	1449.3	.9	200.0			1L
	610	BORD	47	GB	1448.8	1449.3	.9				1L
	2800	OTTA	20	GRF	1450.0	1500.0	30.0	1.0	.5		
	237	BORD	47	GB	1545.2	1545.4	.5	1100.0			2L
	327	BORD	46	C	1545.2	1545.5	.5	100.0			2L
	2800	OTTA	240	R	1821.0	1822.5	1.5	0.8	.4		
	500	HIRA	8	S	2238.4	2238.7	.7	2.0	1.0		0
08	500	HIRA	8	S	0357.1	0357.2	.8	7.0	3.0		0
	2840	PEKG	45	C	0741.0	0745.4	11.0	20.0	9.8		
	9395	PEKG	45	C	0742.0	0745.3	5.0	14.5	8.4		
	1415	ATHN	4	S/F	0742.0	0744.0	5.0	5.0			QL=6 ST=2 TYP=3
	4995	ATHN	4	S/F	0742.0	0744.0	5.0	30.0			QL=6 ST=2 TYP=3
	2695	ATHN	4	S/F	0742.0	0745.0	6.0	30.0			QL=6 ST=2 TYP=3
	1470	POTS	2	S/F	0742.0	0745.0	6.0	5.0			
	3000	POTS	4	S/F	0742.0	0745.3	6.0	18.0			
	3100	CRIM	45	C	0742.5	0745.5	7.0	21.0	7.0		
	3100	CRIM			0742.5	0746.2		21.0			
	3750	TYKW	45	C	0743.0	0744.9	6.0	17.0	7.0		
	9400	TYKW	20	GRF	0743.0	0746.0	45.0	6.0	3.0		
	2000	TYKW	45	C	0743.0	0746.3	6.0	12.0	4.0		
	9500	POTS	20	GRF	0743.0	0744.9	45.0	8.0			
	2950	GORK	45	C	0743.0	0745.4	5.0	14.5			
	2950	GORK			0743.0	0746.2		13.3			
	260	ONDR	40	F	0743.5	0743.5	2.2	4.0			
	1000	TYKW	45	C	0743.5	0744.0	4.5	47.0	3.0		
	536	ONDR	40	F	0743.5	0744.0	1.5	20.0			
	808	ONDR	40	F	0743.5	0746.5	4.0				
	950	GORK	46	C	0743.9	0744.0	4.1	32.0			
	950	GORK			0743.9	0746.2		12.0			
	650	GORK	46	C	0744.0	0744.1	4.0	19.0			
	500	HIRA	8	S	0744.0	0744.4	.7	9.0	3.0		0

SOLAR RADIO EMISSION
OUTSTANDING OCCURRENCES

AUGUST 1985

Day	Freq	Sta	Type		Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10^{-22} W/m^2 Hz)	Flux Density Mean (10^{-22} W/m^2 Hz)	Int	Remarks
08	9100	GORK	20	GRF	0744.0	0744.8	10.7	7.0			
	650	GORK			0744.0	0747.1		7.0			
	2695	LEAR	4	S/F	0744.3	0746.1	2.3	21.0			QL=6 ST=2 TYP=3
	4995	LEAR	8	S	0744.6	0744.8	.7	17.0			QL=6 ST=2 TYP=3
	100	GORK	46	C	0745.2	0745.4	1.5	50.0D			
	100	GORK			0745.2	0745.5		30.0			
	200	GORK	2	S/F	0745.3	0745.5	.4	9.0			
	33	UPIC	45	C	0745.5	0745.7	2.3				
	29	UPIC	3	S	0745.6	0745.8	.6				
	3100	CRIM	29	PBI	0747.0	0747.0	98.0	5.0	2.0		
	2950	GORK	29	PBI	0748.0	0748.0	34.8	3.8			
	2000	TYKW	29	PBI	0749.0		40.0	1.0	.5		
	3750	TYKW	29	PBI	0749.0		40.0	2.0	1.0		
	3000	IZMI	5	S	0843.0	0845.0	7.0	21.0	10.0		
	2800	OTTA	20	GRF	1145.0	1325.0	255.0	2.2	1.1		
	237	BORD	45	C	1547.9	1548.0	.6	45.0			1L
	327	BORD	46	C	1547.9	1548.1	.6	80.0			1L
	408	BORD	46	C	1547.9	1548.2	.6	50.0			1L
	610	BORD	47	GB	1547.9	1548.3	.6				
	200	HIRA	46	C	2330.3	2330.5	1.0	180.0	47.0		0
09	2840	PEKG	1	S	0022.0	0023.4	4.0	8.9	4.3		
	200	HIRA	8	S	0131.3	0131.4	.3	94.0			0
	245	LEAR	47	GB	0131.5	0131.6	.5	72.0			QL=1 ST=2 TYP=5
	260	ONDR	8	S	0635.0	0635.0	.5	3.0			
	2950	GORK	1	S	0755.0	0755.2	.8	1.1	.5		
	260	ONDR	42	SER	1118.5	1120.0	4.0	36.0			
	260	ONDR	46	C	1309.0	1309.0	.7	48.0			
10	33	UPIC	8	S	1201.0	1201.3	.6				
	29	UPIC	1	S	1201.4	1201.6	.4U				
11	33	UPIC	45	C	1035.5	1035.7	1.5				
	29	UPIC	45	C	1035.7	1036.0	1.1				
12	260	ONDR	41	F	0910.0	0910.0	.3	10.0			
13	536	ONDR	8	S	1011.5	1011.7	.3	6.0			
	536	ONDR	8	S	1122.3	1122.3	.3	20.0			
14	536	ONDR	40	F	1046.8	1047.5	1.0	30.0			
	536	ONDR	42	SER	1120.0	1137.0	17.0	7.0			
15	536	ONDR	42	SER	1031.5	1212.5	101.0	59.0			
16	260	ONDR	40	F	0854.0	0856.5	3.0	5.0			
17	237	BORD	4	S/F	0842.5	0842.6	.1	50.0			1L
18	260	ONDR	43	NS	0908.0	0908.0	152.0	7.0			
	536	ONDR	42	SER	0908.0	0928.5	25.0	22.0			
19	536	ONDR	8	S	0801.0	0801.0	.1	7.0			
	260	ONDR	42	SER	0839.3	0839.5	10.0	3.0			
	536	ONDR	8	S	0906.0	0906.0	.1	18.0			
21	810	KRAK	46	C	1311.5	1320.0	10.0	100.0	20.0		
22	536	ONDR	8	S	1022.8	1022.9	.2	26.0			
	260	ONDR	41	F	1059.0	1109.5	10.5	1.0			
	536	ONDR	8	S	1102.5	1102.6	.2	12.0			
	260	ONDR	41	F	1151.0	1152.5	12.0	5.0			
	33	UPIC	2	S/F	1328.4	1328.6	.5				
	29	UPIC	1	S	1328.6	1328.7	.5U				
23	536	ONDR	8	S	1002.5	1002.5	.2	7.0			
	536	ONDR	8	S	1028.5	1028.5	.2	8.0			
	500	HIRA	8	S	2221.9	2222.0	.3	225.0			MR
24	260	ONDR	41	F	0813.5	0815.3	2.0	8.0			
	33	UPIC	3	S	0940.4	0940.5	.3				

SOLAR RADIO EMISSION
OUTSTANDING OCCURRENCES

AUGUST 1985

Day	Freq	Sta	Type		Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10^{-22} W/m^2 Hz)	Flux Density Mean (10^{-22} W/m^2 Hz)	Int	Remarks
24	29	UPIC	1	S	0940.6	0940.7	.3				
	100	HIRA	46	C	2300.0U	2332.0	55.0U	25.0	7.0U		ML
	200	HIRA	46	C	2320.2	2332.3	37.0	27.0	6.0		ML
25	536	ONDR	8	S	1046.5	1046.5	.2	34.0			
	536	ONDR	8	S	1131.5	1131.5	.2	32.0			
	536	ONDR	8	S	1207.0	1207.0	.2	7.0			
26	260	ONDR	41	F	1112.0	1113.5	2.5	2.5	24.0		
	1000	TYKW	45	C	2220.5	2221.1	1.5	54.0	10.0		
30	808	ONDR	8	S	1402.5	1403.0	.7				
	536	ONDR	8	S	1402.5	1403.0	1.0	15.0			
	260	ONDR	46	C	1403.0	1403.5	1.0	8.0			

Reports are received routinely from the following observatories:

ATHN = Athens
BERN = Berne
BORD = Bordeaux
CRIM = Crimea
DWIN = Dwingeloo
GORK = Gorky
HIRA = Hiraiso
HUAN = Huancayo
IRKU = Irkutsk
IZMI = IZMIRAN
KISV = Kislovodsk
KRAK = Krakow
LEAR = Learmonth
MANI = Manila
NAGO = Nagoya
NOBE = Nobeyama
ONDR = Ondrejov
OTTA = Ottawa
PALE = Palehua
PEKG = Peking
PENT = Penticton
POTS = Potsdam
SAOP = Sao Paulo
SGMR = Sagamore Hill
TORN = Torun
TYKW = Toyokawa
TRST = Trieste
UPIC = Upice

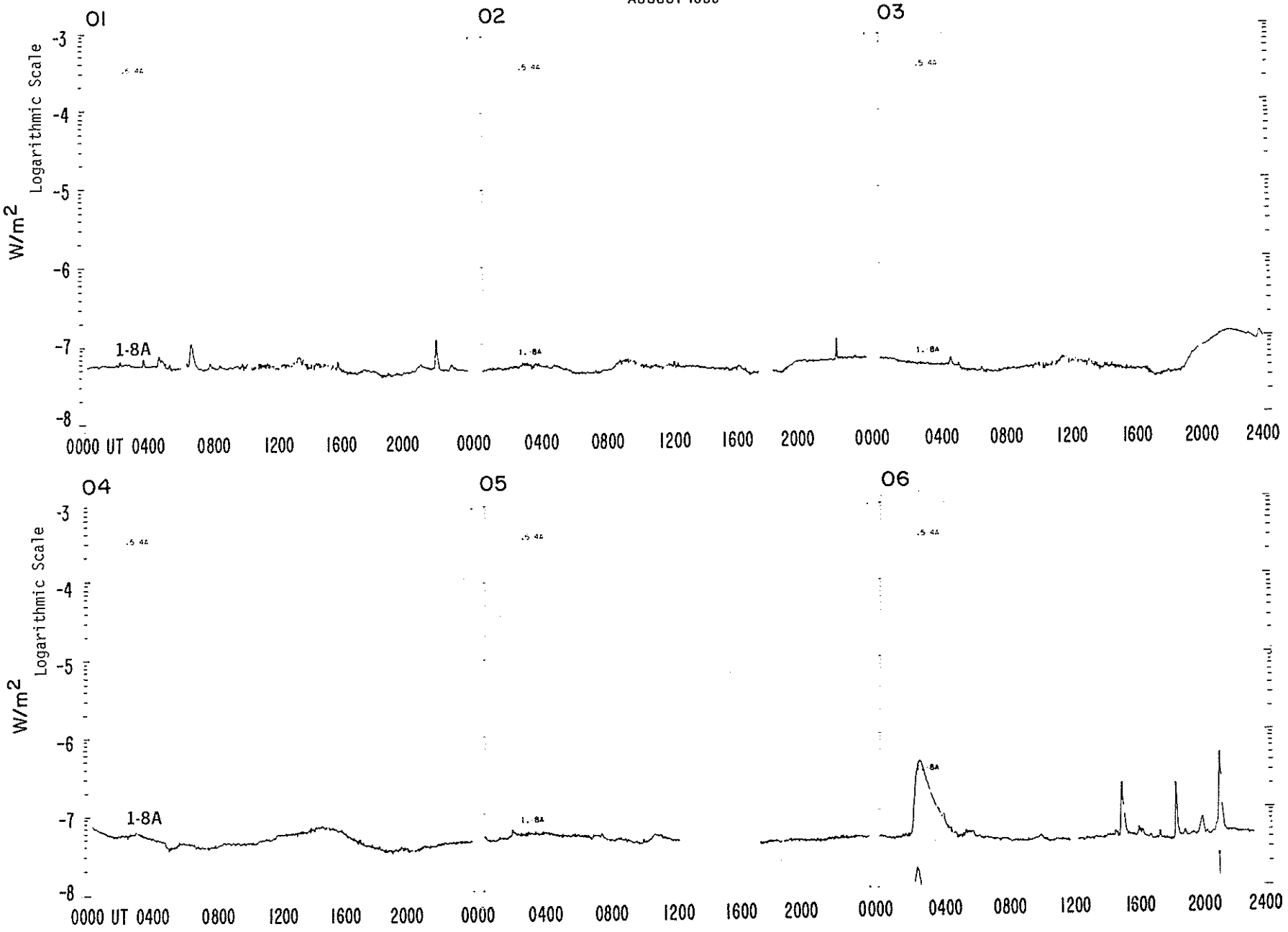
Explanation of Type Code:

1 Simple 1
2 Simple 1F
3 Simple 2
4 Simple 2F
5 Simple
6 Minor
7 Minor +
8 Spike
20 Simple 3
21 Simple 3A
22 Simple 3F
23 Simple 3AF
24 Rise
25 Rise A
26 Fall
27 Rise and Fall
28 Precursor
29 Post Burst Increase
30 Post Burst Increase A
31 Post Burst Decrease
33 Absorption
40 Fluctuation
41 Group of Bursts
42 Series of Bursts
43 Onset of Noise Storm
44 Noise Storm in Progress
45 Complex
46 Complex F
47 Great Burst
48 Major

1A Simple 1A
3A Simple 2A
21A Simple 3A GRF
2A Simple 1AF
4A Simple 2AF
240 Rise only
240F Rise only F
24P Post Rise
24PF Post Rise F
16A Fall A
260 Fall Only
26F Fall F
27F Rise and Fall F
27AF Rise and Fall AF
31A Post Burst Decrease A
32A Absorption A
46F Complex F

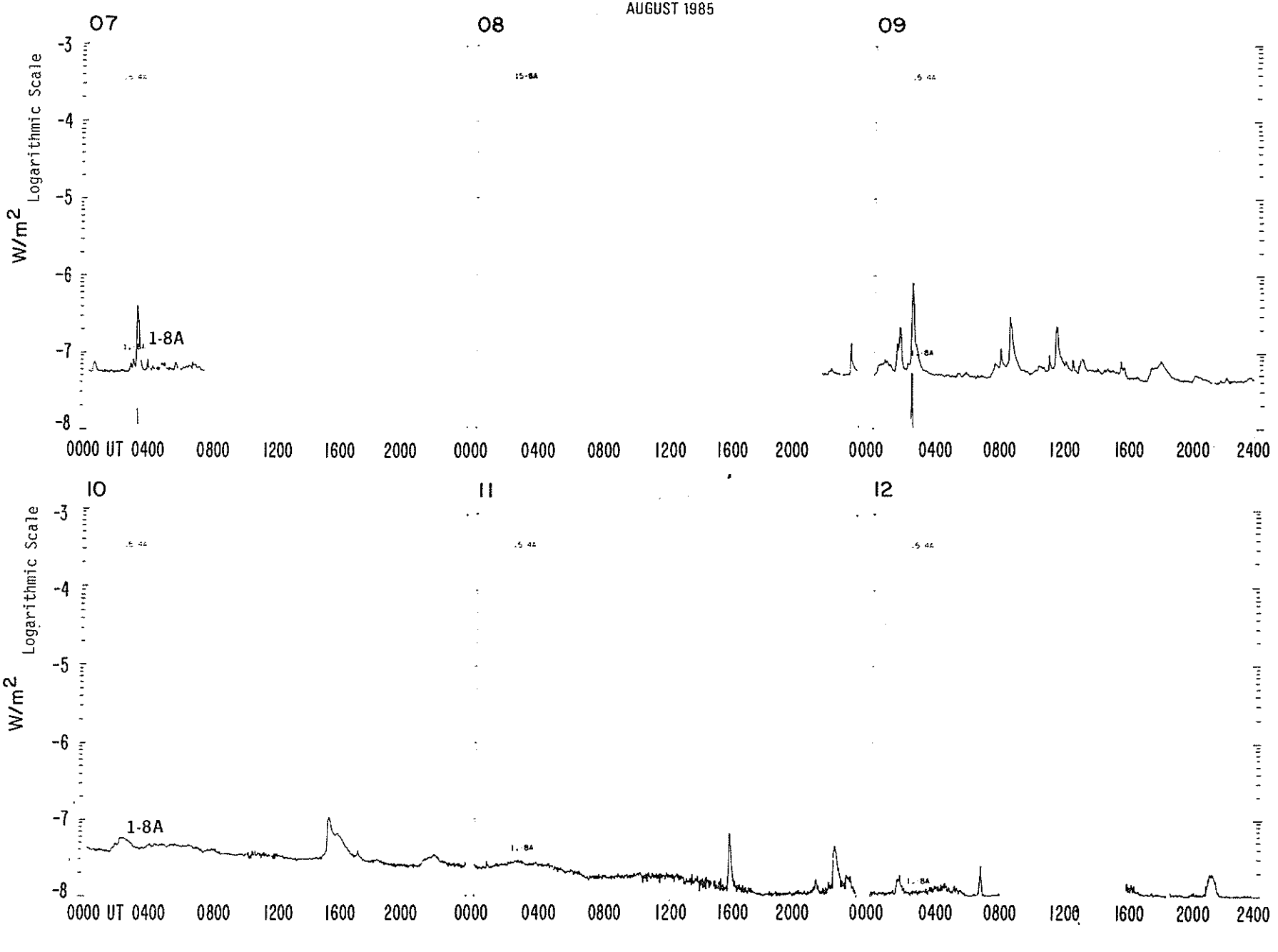
GOES 6 X-RAYS

AUGUST 1985



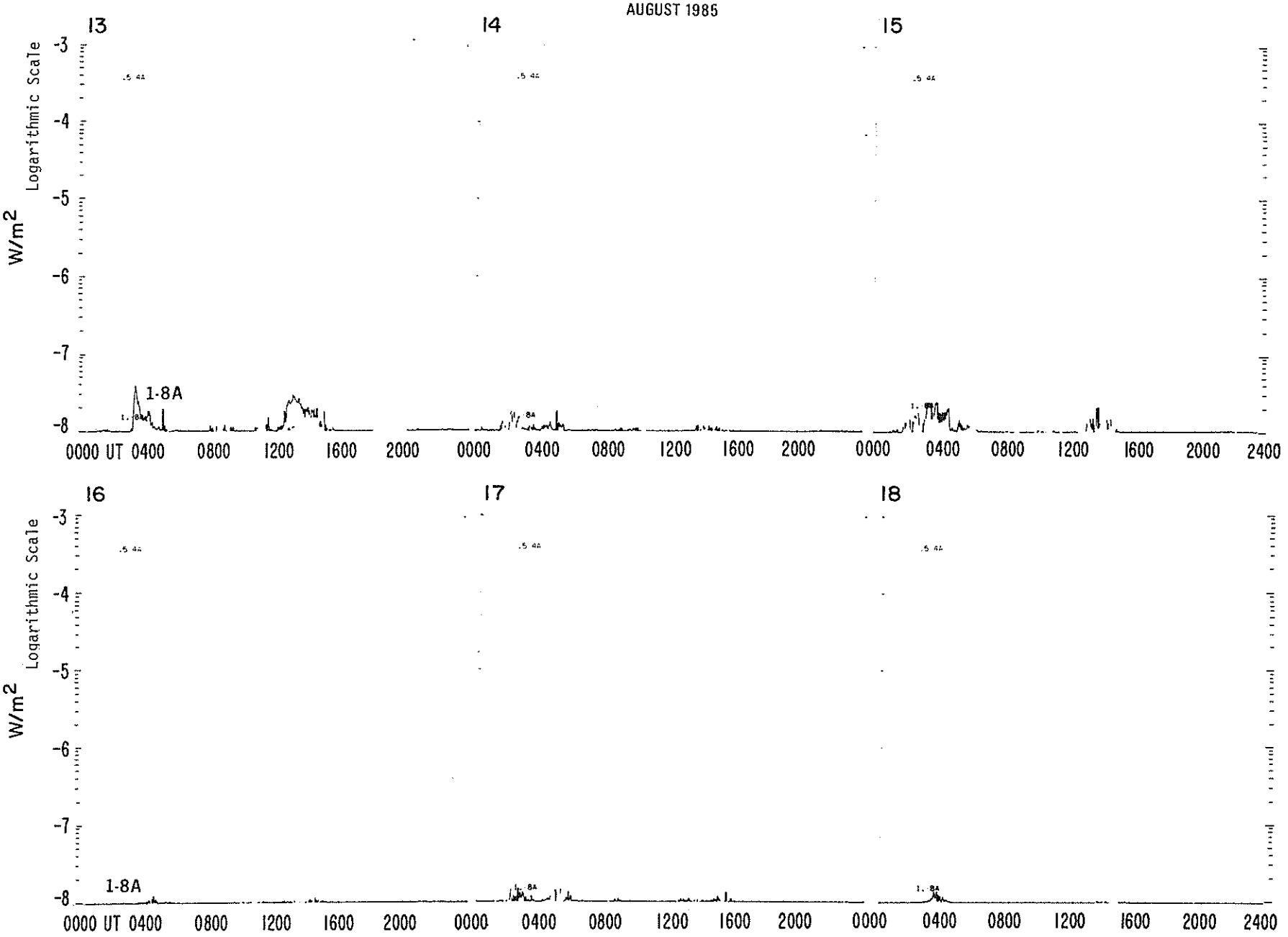
GOES 6 X-RAYS

AUGUST 1985



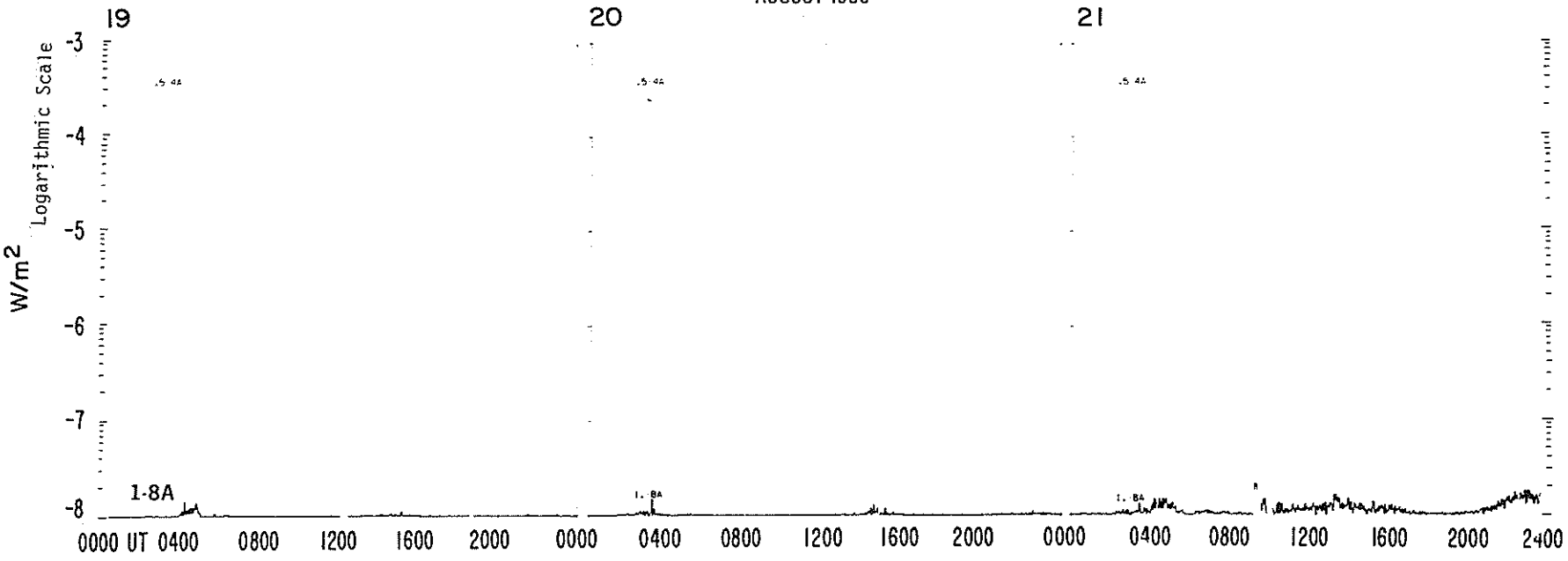
GOES 6 X-RAYS

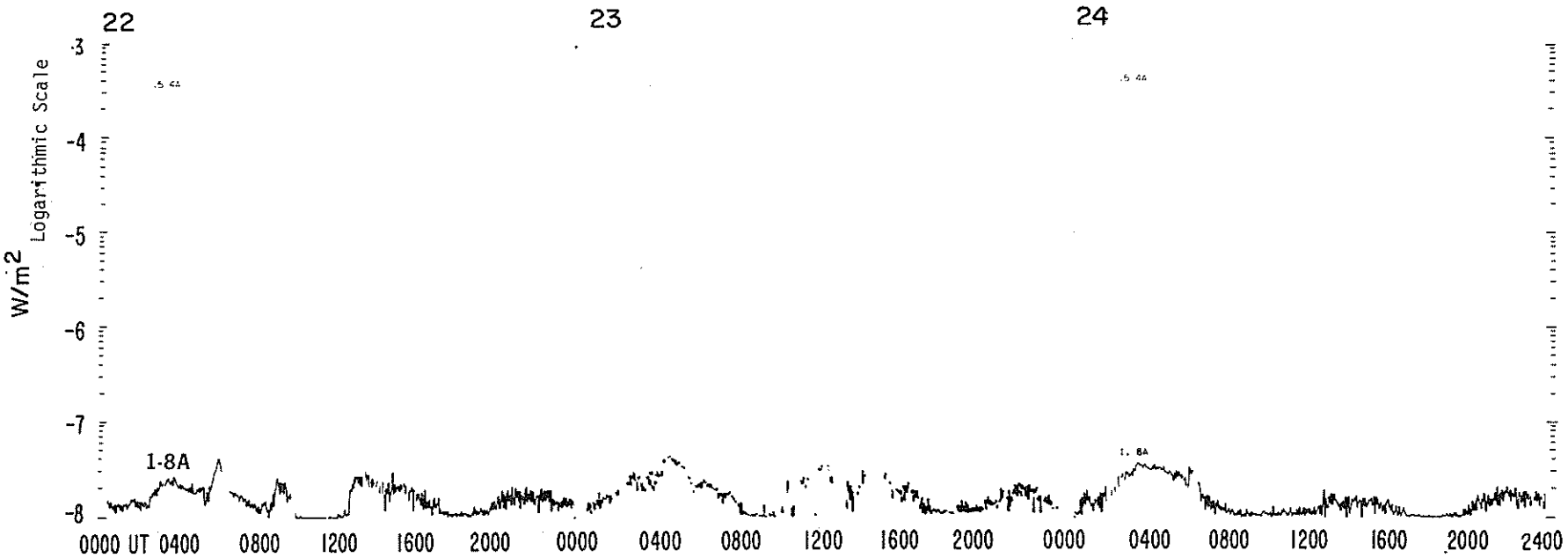
AUGUST 1985



GOES 6 X-RAYS

AUGUST 1985

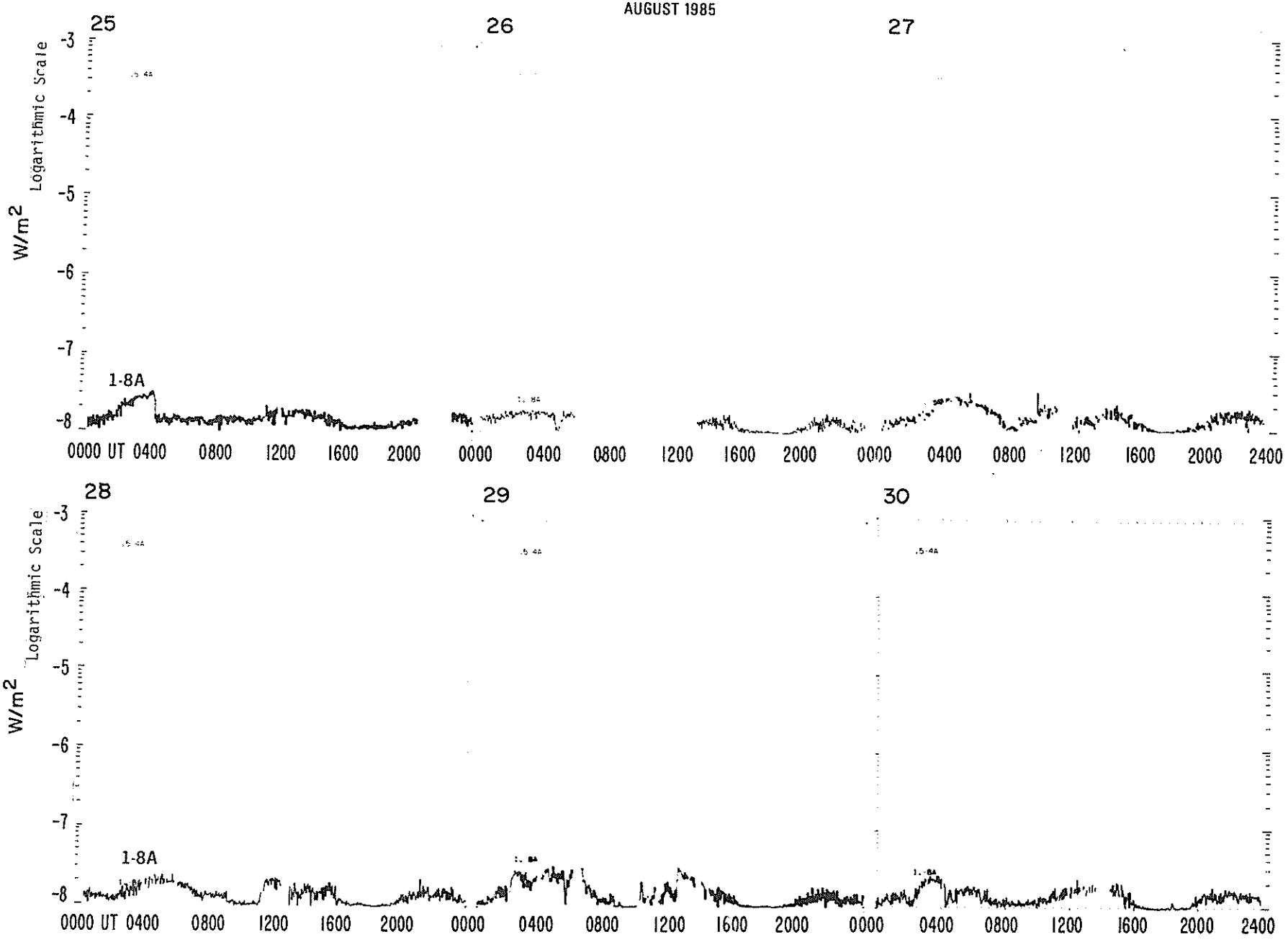


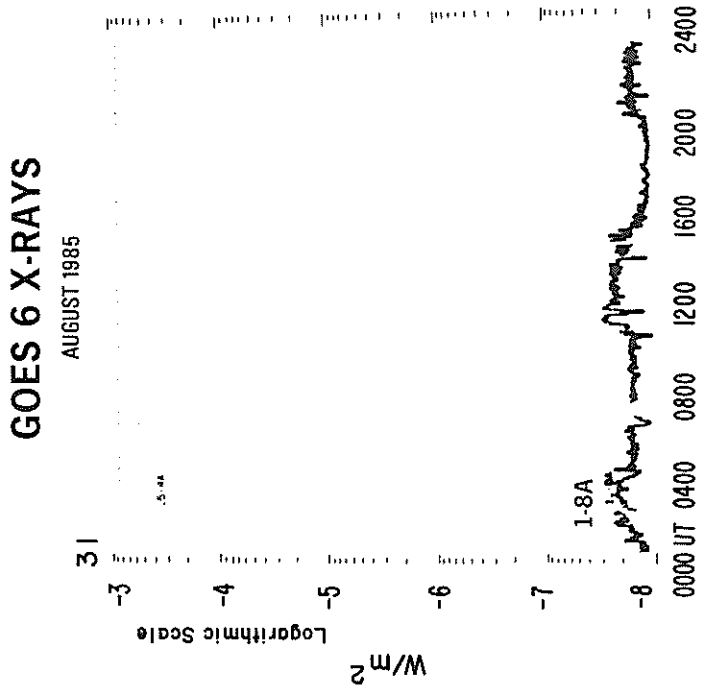


15 Aug 85

GOES 6 X-RAYS

AUGUST 1985




GOES 6 X-RAYS
AUGUST 1985
31
-3
-4
-5
-6
-7
-8
Logarithmic Scale
W/m2
1-8A
0000 UT
0400
0800
1200
1600
2000
2400

GOES SOLAR X-RAY FLARES

Preliminary Listing

August 1985

Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	Imp Opt	Xray
01	0632	0638	0644					B1.1
01	2153	2158	2202					B1.2
02	2202	2208	2210					B1.1
06	0206	0231	0255					B4.1
06	1504	1505	1511	S16	W45	4682	SF	B2.2
06	1823	1828	1831					B2.1
06	2104	2110	2114			4682		B5.8
07	0310	0311	0317	S12	W53	4682	SF	B4.3
07	1305	1307	1316	S19	W52	4682	SF	B2.0
07	1453	1456	1505	S16	W58	4682	SF	B2.7
07	1818	1823	1857	S14	W61	4682	SF	B3.2
08	0618	0634	0642					B2.3
08	0744	0747	0800	S11	W69	4682	SN	C5.4
08	1016	1021	1025					B1.9
08	1546	1550	1553					B1.2
08	1750	1755	1801					B1.6
08	2327	2332	2334					B1.3
09	0122	0137	0143					B2.2
09	0217	0224	0229					B8.6
09	0753	0757	0801					B1.1
09	0826	0832	0839					B3.2
09	1120	1128	1133					B2.3
10	1511	1522	1534					B1.0

MASS EJECTIONS FROM THE SUN

AUGUST 1985

Sta	Day	Observed UT Start	Max	End	Location RA°	R/R_o	Freq or Wavelength	Kind of Event
KHAR	Aug 06	1013 E		1110	D 076	1.00	H-alpha	S
KHAR	Aug 08	0913 E		0927	D 077	0.95	H-alpha	S
KHAR	Aug 08	1107 E		1126	D 224	1.00	H-alpha	S
KHAR	Aug 09	0750 E	0753 U	0800	D 096	0.76	H-alpha	S
KHAR	Aug 09	0816 E		0829	D 255	0.97	H-alpha	S
KHAR	Aug 09	0825 E	0835 U	0848	D 258	1.00	H-alpha	S
KHAR	Aug 09	1002 E		1025	D 258	1.00	H-alpha	S
KHAR	Aug 09	1015 E		1103	D 286	1.00	H-alpha	SP
KHAR	Aug 10	0640 E		0650	D 079	0.76	H-alpha	S
KHAR	Aug 10	0802 E	0806 U	0905	D 286	1.00	H-alpha	S
KHAR	Aug 10	0828 E		0840	D 094	0.60	H-alpha	S
KHAR	Aug 10	1015 E		1032	D 079	0.76	H-alpha	S
KHAR	Aug 10	1028 E		1055	D 098	0.65	H-alpha	S
KHAR	Aug 12	0933 E		1004	D 082	0.37	H-alpha	S
KHAR	Aug 16	0707 E		0718	D 139	1.00	H-alpha	S
KHAR	Aug 16	0905 E		0950	D 054	1.00	H-alpha	S

QUALIFIERS ON START, MAX AND END TIMES
- D = event ended after tabulated time
- E = event began before the tabulated time
- U = uncertain time

REPORTING STATIONS
- KHAR = Kharkov

TYPE OF EVENT
- A = eruptive active region prominence
- CB = coronal cloud bubble
- D = coronal depletions
- E = coronal enhancement
- EL = coronal expanding loop
- II = Type II radio burst
- IVm = moving Type IV radio burst
- Q = eruptive quiescent prominence
- R = coronal ray or streamer
- S = flare-surge if there is a known flare association
- SP = flare-spray if there is a known flare association
- * = movement may be caused by ionospheric refraction

ACTIVE PROMINENCES AND FILAMENTS

AUGUST 1985

Type	Day	Observed UT Start	End	Lat	CMD	Imp	Type	Sta	Remarks
ADF	Aug 01	0000E	0716D	S27	E29	2	C	CULG	20 square degrees.
BSD	Aug 01	0434	0449	N06	E16	1	C	CULG	B, .06 R, ENE.
ADF	Aug 01	0600	1430	N13	E19		V	ATHN	
AFS	Aug 01	0600	1430	N05	E08		V	ATHN	
ADF	Aug 01	0600	1430	S02	E08		V	ATHN	
ADF	Aug 01	0600	1430	S21	E24		V	ATHN	
BSL	Aug 01	0705	0705D	S71	E90	1-	C	CATA	
BSL	Aug 01	1040	1040D	N37	W90	1-	C	CATA	
BSL	Aug 01	1135	1140	N88	W90	1-	C	CATA	
ADF	Aug 01	2251	0030	S28	E17	2	C	CULG	23 square degrees, partial eruption and reformation.
BSL	Aug 02	0715E	0720D	S23	W90	1-	C	CATA	
BSL	Aug 02	0730E	0750	N63	E90	1-	C	CATA	
ADF	Aug 02	0745	1422	S20	E15		V	ATHN	
BSL	Aug 02	0900	0905D	S61	E90	1-	C	CATA	
APR	Aug 02	1000	1422	N20	E90		V	ATHN	
ADF	Aug 02	2220	0721D	S33	E05	2	C	CULG	30 square degrees.
BSL	Aug 03	0705	0715	S06	W90	1-	C	CATA	
BSL	Aug 03	0830	0850	S79	E90	1-	C	CATA	
BSL	Aug 03	0840	0900	S55	E90	1-	C	CATA	
BSL	Aug 03	0905	0915	N72	W90	1-	C	CATA	
BSL	Aug 03	0940	0945	N84	W90	1-	C	CATA	
BSL	Aug 03	0940	0955	N08	E90	1-	C	CATA	
BSL	Aug 03	1115E	1130	N43	E90	1-	C	CATA	
APR	Aug 04	0500	0510	N13	W90		V	ATHN	
ADF	Aug 04	0500	0510	N13	W15		V	ATHN	
ADF	Aug 04	0500	1400	N04	W33		V	ATHN	
ADF	Aug 04	0500	0510	S13	E17		V	ATHN	
ADF	Aug 04	0500	0510	S08	W24		V	ATHN	
APR	Aug 04	0500	0510	S20	E90		V	ATHN	
BSL	Aug 04	0740	0750	S78	E90	1-	C	CATA	
BSL	Aug 04	0740	0750	S85	E90	1-	C	CATA	
BSL	Aug 04	0745	0750	S57	E90	1-	C	CATA	
BSL	Aug 04	0830	0835D	N77	W90	1-	C	CATA	
BSL	Aug 04	0830	0835D	N67	E90	1-	C	CATA	
BSL	Aug 04	0900	0920	S87	E90	1-	C	CATA	
BSL	Aug 04	1100E	1120	N82	E90	1-	C	CATA	
BSL	Aug 04	1100E	1135D	N47	E90	1-	C	CATA	
SDF	Aug 04	1135E	0625D	S37	W21	1	C	CATA	
SDF	Aug 04	1135E	0625D	S02	W38	1	C	CATA	
APR	Aug 05	0545	1445	N08	E90		V	ATHN	
APR	Aug 05	0545	1445	S15	W90		V	ATHN	
ADF	Aug 05	0545	1445	N22	W43		V	ATHN	
ADF	Aug 05	0545	1445	N14	W35		V	ATHN	
ADF	Aug 05	0545	1100	S14	W34		V	ATHN	
DSF	Aug 05	0545	1445	S20	W38		V	ATHN	
ADF	Aug 05	0715	1445	S10	E01		V	ATHN	
BSL	Aug 05	0815	0825	S59	E90	1-	C	CATA	
BSL	Aug 05	0820	0835	S78	E90	1-	C	CATA	
BSL	Aug 05	0955	1025D	N75	E90	1-	C	CATA	
BSL	Aug 05	1015	1025	N89	E90	1-	C	CATA	
DSF	Aug 05	1100	1100	S41	W31		V	ATHN	
APR	Aug 06	0645	1410	N11	E90		V	ATHN	
BSL	Aug 06	0705E	0720D	N82	E90	1-	C	CATA	
ADF	Aug 06	0710	1410	S17	W41		V	ATHN	
ADF	Aug 06	0710	1410	N08	W58		V	ATHN	
APR	Aug 06	0750	1410	N09	E90		V	ATHN	
BSL	Aug 06	0850	0855	N10	W90	1-	C	CATA	
BSL	Aug 06	0855	0905	S74	W90	1-	C	CATA	
BSL	Aug 06	0855	0910	S84	W90	1-	C	CATA	
BSL	Aug 06	0905	0915	S61	W90	1	C	CATA	
BSL	Aug 06	0940	0945	N63	E90	1-	C	CATA	
BSL	Aug 06	0945	0950D	N85	W90	1-	C	CATA	
BSL	Aug 06	0945	0950	N80	W90	1-	C	CATA	

ACTIVE PROMINENCES AND FILAMENTS

AUGUST 1985

Type	Day	Observed UT Start	End	Lat	CMD	Imp	Type	Sta	Remarks
ADF	Aug 07	0740	1330	S17	W52		V	ATHN	
BSL	Aug 07	0940	0940D	N71	W90	1-	C	CATA	
APR	Aug 07	0945	1330	N02	W90		V	ATHN	
ADF	Aug 08	0545	1400	S16	W66		V	ATHN	
APR	Aug 08	0545	1400	S02	W90		V	ATHN	
APR	Aug 08	0545	1147	N17	W90		V	ATHN	
BSL	Aug 08	0840E	0940	S39	W90	1	C	CATA	
APR	Aug 08	0930	1400	S30	W90		V	ATHN	
BSL	Aug 08	1040E	1145D	S39	W90	2	C	CATA	
BSL	Aug 08	1055	1140	S47	W90	1-	C	CATA	
APR	Aug 08	1255	1400	S60	W90		V	ATHN	
ADF	Aug 09	0506	0415	S37	W24	3	C	CULG	Overnight, 10 degree segment.
ADF	Aug 09	0506	0415	N11	W56	3	C	CULG	Overnight, 6 square degree segment.
APR	Aug 09	0615	1300	N50	W90		V	ATHN	
APR	Aug 09	0615	1300	S12	W90		V	ATHN	
ADF	Aug 09	0615	1300	N55	E08		V	ATHN	
ADF	Aug 09	0615	1300	S10	W58		V	ATHN	
AFS	Aug 09	0615	1300	S02	E50		V	ATHN	
BSL	Aug 09	0700	0730	N55	E90	1-	C	CATA	
ADF	Aug 09	0710	1300	N23	E35		V	ATHN	
APR	Aug 09	0730	1300	S48	W90		V	ATHN	
APR	Aug 09	0740	1300	N08	W90		V	ATHN	
BSL	Aug 09	1015	1025	S41	E90	1-	C	CATA	
BSL	Aug 09	1105	1115	N85	W90	1-	C	CATA	
AFS	Aug 10	0550	1350	S01	E37		V	ATHN	
BSL	Aug 10	0640E	0645	N07	E90	1-	C	CATA	
BSL	Aug 10	0700	0710	N18	E90	1-	C	CATA	
APR	Aug 10	0715	1350	S14	W90		V	ATHN	
BSL	Aug 10	0745E	0755	S45	E90	1-	C	CATA	
BSL	Aug 10	0745E	0805	S88	E90	1	C	CATA	
BSL	Aug 10	0835	0855	S86	W90	1-	C	CATA	
BSL	Aug 10	0950E	1005	S15	W90	1-	C	CATA	
BSL	Aug 10	1130	1135D	N01	E90	1-	C	CATA	
BSL	Aug 11	0745	0755	S50	W90	1-	C	CATA	
BSL	Aug 11	0835	0845	N78	E90	1-	C	CATA	
BSL	Aug 11	0925	0930	S66	W90	1-	C	CATA	
APR	Aug 12	0615	1400	S05	E90		V	ATHN	
APR	Aug 12	0615	1400	S15	E90		V	ATHN	
ASR	Aug 12	0615	0950	N08	W90		V	ATHN	
BSL	Aug 12	0620E	0630	S89	W90	1-	C	CATA	
BSL	Aug 12	0720	0730	N05	W90	1-	C	CATA	
BSL	Aug 12	0840	0855	N44	W90	1-	C	CATA	
DSD	Aug 12	0930	1100	N09	E15		V	ATHN	
AFS	Aug 12	0930	1400	S02	E08		V	ATHN	
BSL	Aug 12	0945	0955	N56	E90	1-	C	CATA	
BSL	Aug 12	0945	0950	N06	W90	1-	C	CATA	
BSL	Aug 12	0950	1000	S02	W90	1-	C	CATA	
BSL	Aug 12	1020	1025	N78	E90	1-	C	CATA	
APR	Aug 12	1100	1400	S16	W90		V	ATHN	
APR	Aug 13	0630	1400	S20	W90		V	ATHN	
APR	Aug 13	0630	1400	S35	E90		V	ATHN	
BSL	Aug 13	0630	0640D	S18	E90	1-	C	CATA	
BSL	Aug 13	0900	0905	N65	W90	1-	C	CATA	
EPL	Aug 13	1045E	1105D	S04	E90	1-	C	CATA	
APR	Aug 13	2057E	2316	S23	W90	1	C	CULG	9 degrees and .07 R.
ADF	Aug 14	0020U	0642D	S01	W17	2	C	CULG	
BSL	Aug 14	0700E	0720	N32	W90	1-	C	CATA	
APR	Aug 14	0900	1300	S37	W90		V	ATHN	
BSL	Aug 14	0925	0935	S81	E90	1-	C	CATA	
BSL	Aug 14	0925	0940	S82	W90	1-	C	CATA	
BSL	Aug 14	0930	0940	S89	W90	1-	C	CATA	
SDF	Aug 14	0950E	0545D	N01	W44	1	C	CATA	
SDF	Aug 14	0950E	0545D	N38	W57	2	C	CATA	

ACTIVE PROMINENCES AND FILAMENTS

AUGUST 1985

Type	Day	Observed UT Start	End	Lat	CMD	Imp	Type	Sta	Remarks
BSL	Aug 15	0600	0610	N62	W90	1-	C	CATA	
BSL	Aug 15	0740	0755	N67	E90	1-	C	CATA	
BSL	Aug 15	0740	0755	S44	E90	1-	C	CATA	
BSL	Aug 15	1005	1015	S20	E90	1-	C	CATA	
APR	Aug 16	0700	1400	N15	E90		V	ATHN	
BSL	Aug 16	0847	0900D	N55	W90	1-	C	CATA	
BSL	Aug 16	0940	0950	S54	E90	1-	C	CATA	
BSL	Aug 18	0535	0540	N89	W90	1-	C	CATA	
BSL	Aug 18	0710	0720	N83	W90	1-	C	CATA	
BSL	Aug 18	0835	0855	S70	E90	1	C	CATA	
BSL	Aug 18	1115	1130D	S74	E90	1-	C	CATA	
APR	Aug 19	0745	1430	N06	W90		V	ATHN	
AFS	Aug 19	0745	1430	N10	E19		V	ATHN	
AFS	Aug 19	0745	1430	S10	W31		V	ATHN	
ADF	Aug 19	0745	1430	S10	E06		V	ATHN	
ADF	Aug 19	0745	1430	S15	E20		V	ATHN	
BSL	Aug 19	0855	0910	S72	E90	1-	C	CATA	
BSL	Aug 19	0855	0910	S87	E90	1-	C	CATA	
BSL	Aug 19	0910	0925	N58	W90	1-	C	CATA	
BSL	Aug 19	1035	1055	S68	W90	1-	C	CATA	
BSL	Aug 19	1105	1120	N26	W90	1-	C	CATA	
SDF	Aug 19	1145E	0630D	N18	E58	1	C	CATA	
SDF	Aug 19	1145E	0630D	N16	E47	1	C	CATA	
ADF	Aug 20	0152E	0642D	S11	E17	2	C	CULG	7 degree arc breaks in two.
APR	Aug 20	0545	1315	S15	W90		V	ATHN	
ADF	Aug 20	0605	1315	S17	W47		V	ATHN	
ADF	Aug 20	0615	1315	S10	E10		V	ATHN	
BSL	Aug 20	0645	0655	S70	E90	1-	C	CATA	
APR	Aug 20	0725	1315	N33	E90		V	ATHN	
BSL	Aug 20	0745	0805	S38	E90	1-	C	CATA	
BSL	Aug 20	0800	0805	S66	W90	1-	C	CATA	
BSL	Aug 20	0855	0940	S45	E90	1	C	CATA	
APR	Aug 20	0905	0930	S43	E90		V	ATHN	
BSL	Aug 20	1020	1030	S40	W90	1-	C	CATA	
APR	Aug 21	0600	1430	N33	E90		V	ATHN	
APR	Aug 21	0733	1430	S22	E90		V	ATHN	
BSL	Aug 21	0800	0810	S64	W90	1-	C	CATA	
ASR	Aug 22	0715	0945	N03	E90		V	ATHN	
BSL	Aug 22	0715	0735	N04	E90	1-	C	CATA	
BSL	Aug 22	0950	1010	N54	W90	1-	C	CATA	
BSL	Aug 22	0955	1005	S49	E90	1-	C	CATA	
BSL	Aug 23	0635	0645	S42	W90	1-	C	CATA	
BSL	Aug 23	0710	0735	S19	E90	1-	C	CATA	
BSL	Aug 23	0715	0725	S15	E90	1-	C	CATA	
BSL	Aug 23	0730	0755	S07	W90	1-	C	CATA	
APR	Aug 24	0630	1430	S32	E90		V	ATHN	
ADF	Aug 24	0745	1430	N06	E60		V	ATHN	
BSL	Aug 24	0805	0810	S12	E90	1-	C	CATA	
BSL	Aug 24	0815	0830	N40	W90	1-	C	CATA	
BSL	Aug 24	0815	0830	N49	W90	1-	C	CATA	
BSL	Aug 24	0950	0955	N54	W90	1-	C	CATA	
APR	Aug 25	0655	1300	S40	E90		V	ATHN	
BSL	Aug 25	1035	1045	N68	E90	1-	C	CATA	
BSL	Aug 25	1040	1043	S63	W90	1-	C	CATA	
BSL	Aug 25	1043	1050	N87	W90	1-	C	CATA	
BSL	Aug 25	1055	1105	N52	E90	1-	C	CATA	
BSL	Aug 25	1115	1130	N37	E90	1-	C	CATA	
APR	Aug 26	0730	1400	N02	W90		V	ATHN	
APR	Aug 26	0745	1400	S05	E90		V	ATHN	
BSL	Aug 26	0900	0915	S32	E90	1-	C	CATA	
BSL	Aug 26	1100	1110	N77	W90	1-	C	CATA	
SDF	Aug 26	1145E	0635D	S01	E20	1	C	CATA	

ACTIVE PROMINENCES AND FILAMENTS

AUGUST 1985

Type	Day	Observed UT Start	End	Lat	CMD	Imp	Type	Sta	Remarks
APR	Aug 27	0733	1345	S30	E90		V	ATHN	
SDF	Aug 27	1100E	0630D	S21	E19	1	C	CATA	
SDF	Aug 27	1100E	0630D	S19	E09	1	C	CATA	
SDF	Aug 27	1100E	0630D	S41	E24	1	C	CATA	
ASR	Aug 28	0620	1500	S41	E90		V	ATHN	
APR	Aug 28	0620	1500	S30	E90		V	ATHN	
ADF	Aug 28	0740	1500	S12	E30		V	ATHN	
BSL	Aug 28	0825	0830D	N80	W90	1-	C	CATA	
BSL	Aug 28	0845E	0905	N54	E90	1-	C	CATA	
ADF	Aug 28	2335E	0558D	S20	E26	1	C	CULG	23 degrees.
ADF	Aug 29	0744	1430	S01	W05		V	ATHN	
BSL	Aug 29	1000E	1020D	S23	W90	1-	C	CATA	
ASR	Aug 29	1005	1140	S25	W90		V	ATHN	
ASR	Aug 30	0626	0640	N05	E90		V	ATHN	
BSL	Aug 30	0630E	0635	N05	E90	1-	C	CATA	
ADF	Aug 30	0650	1400	S12	E02		V	ATHN	
ADF	Aug 30	0650	1400	S01	W12		V	ATHN	
BSL	Aug 30	0655	0700	N22	W90	1-	C	CATA	
BSL	Aug 30	0850	0900	N78	W90	1-	C	CATA	
APR	Aug 31	0711	1330	S30	W90		V	ATHN	
APR	Aug 31	0722	1330	S45	W90		V	ATHN	
BSL	Aug 31	0735	0740	N21	W90	1-	C	CATA	
BSL	Aug 31	0820	0830	S36	E90	1-	C	CATA	
BSL	Aug 31	1130E	1130D	S67	E90	1-	C	CATA	

BSL = Bright surge at limb.
ADF = Active dark filament.
AFS = Active filament system.
APR = Active prominence region at limb.
ASR = Active surge region.
DSD = Dark surge on disk.
EPL = Eruptive prominence at limb.
SDF = Sudden disappearance of filament.

ATHN = Athens
BUCA = Bucharest
CATA = Catania
CULG = Culgoora
KODA = Kodaikanal
MANI = Manila
WEND = Wendelstein

For more detail and information about Remarks, see SGD Supplement.

C O N T E N T S

CARTE SYNOPTIQUE

ACTIVE REGIONS
CARRINGTON ROTATION 1762

(13 May to 10 June 1985)

Region No.	Coordinates Lat.	Long.	Imp	Age at CMP (Days)	Spotless Region	Region No. in Rotation 1761	Activity at West Limb
1	6°N	348	2	>6			decreasing
2	1°N	316	1	>6	X		dispersed
3	10°N	315	1	>6	X		disappeared
4	4°S	311	1	>6	X		disappeared
5	6°S	257	3	>6			decreasing
6	7°N	239	3	>6			decreasing
7	7°N	236	1	>6	X		decreasing
8	3°N	184	1	-2	X		decreasing
9	20°S	121	2	-4			decreasing
10	5°N	99	1	>6	X		dispersed
11	6°N	63	1	+6	X		disappeared
12	6°S	13	1	>6	X		decreasing
13	11°S	12	2	-4			decreasing
14	10°S	8	3	0			decreasing

CARRINGTON ROTATION 1763
(10 June to 7 July 1985)

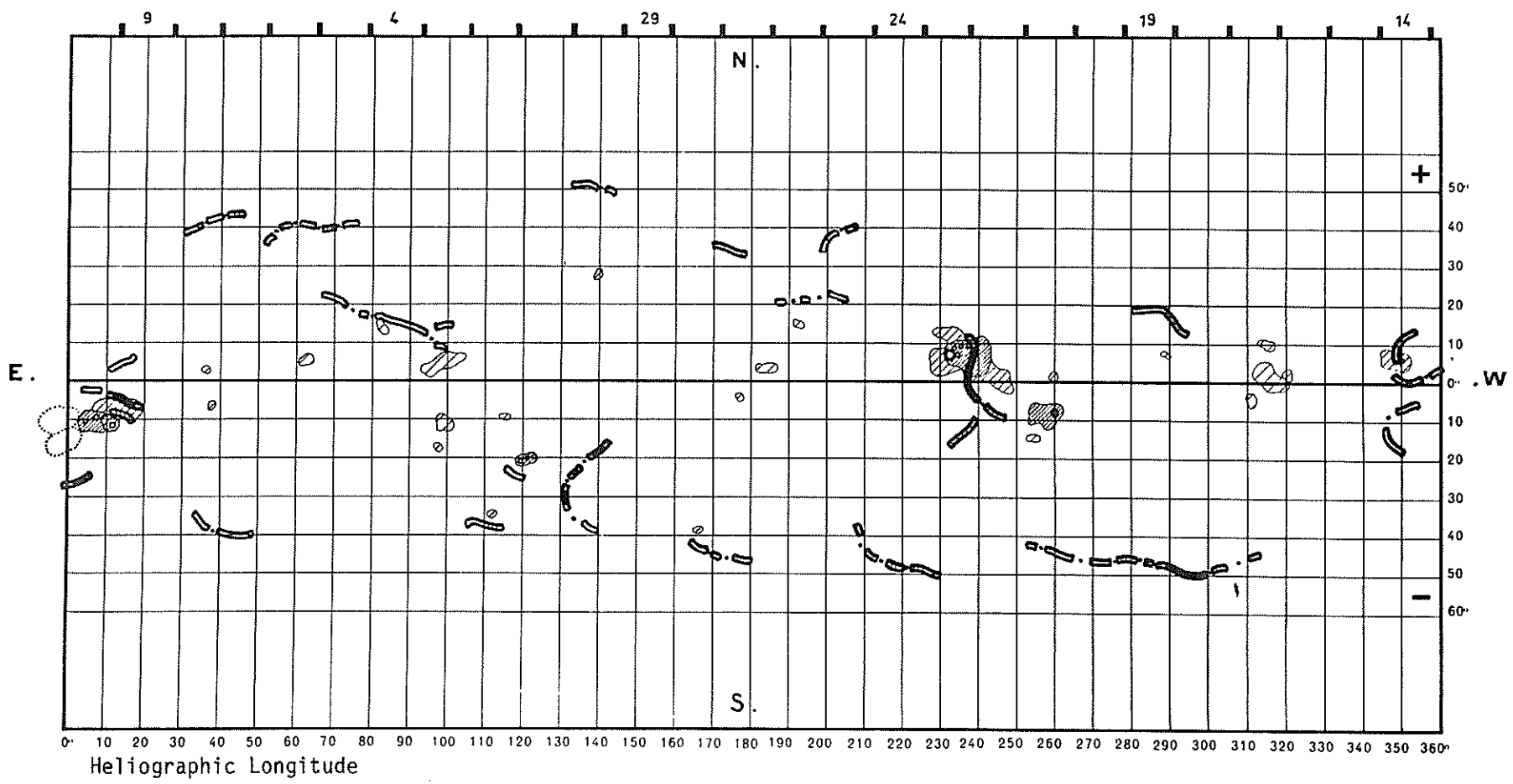
1	15°S	359	3	>6			decreasing
2	9°S	358	3	>6			decreasing
3	6°N	353	1	-3	X		decreasing
4	9°N	326	1	>6	X		dispersed
5	0	325	3	>6			decreasing
6	11°N	312	1	+4	X		disappeared
7	0	305	2	>6			dispersed
8	10°S	260	1	+4	X		decreasing
9	8°N	247	1	>6	X		decreasing
10	5°N	245	1	>6	X		dispersed
11	15°S	158	2	+2			decreasing
12	9°S	123	1	-4	X		stable
13	7°S	119	1	-2	X		dispersed
14	5°N	44	1	+2	X		disappeared
15	7°S	27	3	>6			decreasing
16	13°S	21	1	>6	X		decreasing
17	8°S	13	4	-1			decreasing
18	5°N	8	1	-3	X		dispersed
19	4°S	6	1	+4	X		disappeared
20	14°S	3	2	+1			stable
21	13°S	0	3	>6			decreasing
22	19°S	0	4	>6			stable

CARTE SYNOPTIQUE

CARRINGTON ROTATION NUMBER 1762
(May 13 to June 10, 1985)

Meudon Observatory

May 1985



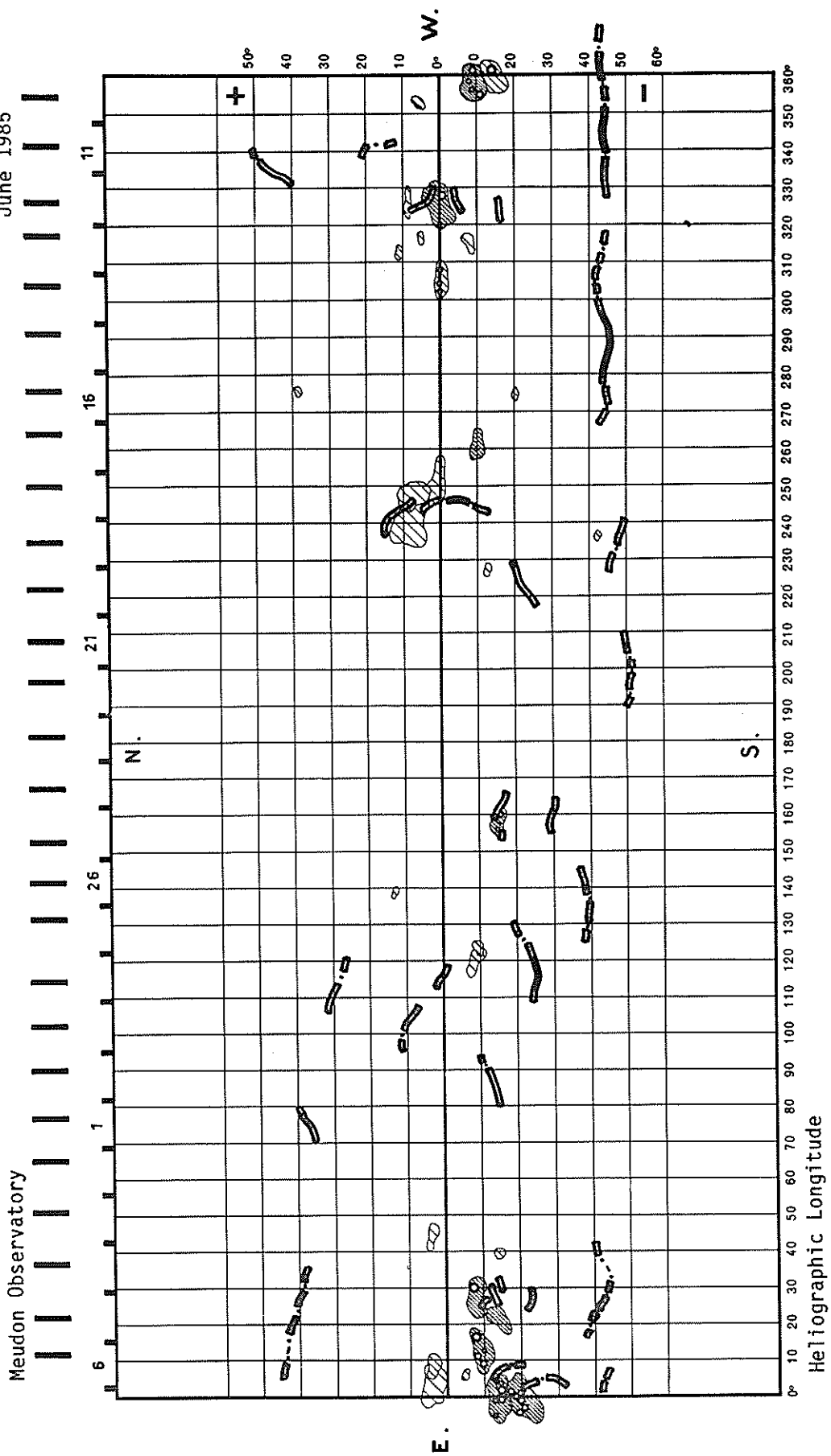
28
Misc
Jun 85

CARTE SYNOPTIQUE

CARRINGTON ROTATION NUMBER 1763
(June 10 to July 7, 1985)

Meudon Observatory

June 1985



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WORLD DATA CENTER A
FOR
SOLAR-TERRESTRIAL PHYSICS

The ICSU Panel on WDCs has recommended that it would be appropriate courtesy to acknowledge in publications that data were obtained from the originating station or investigator through the intermediary of the WDCs. The following statement is suggested:

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