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Robert M. White, Administrator

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Thomas S. Austin, Director

Solar - Geophysical Data

NO. 376 DECEMBER 1975

Part II (Comprehensive Reports)

DATA FOR
JUNE 1975
MAY 1975
& MISCELLANEA

**NATIONAL GEOPHYSICAL AND SOLAR - TERRESTRIAL DATA CENTER
BOULDER, COLORADO**

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SOLAR - GEOPHYSICAL DATA

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No. 376

Issued in two parts

Hope I. Leighton, Editor

J. Virginia Lincoln, Director
Solar - Terrestrial Data Services Division

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H α SOLAR FLARES

JUNE 1975

OBSERV- ATORY	OBSERVED UT				LOCATION				DURA- TION	IMPOR- TANCE	OBS		MEASUREMENTS			REMARKS		
	DATE 1975 JUN	START	MAX PHASE	END	APPROX		CENTRAL DISTANCE	McMATH FLARE REGION			CMP. DAY	COND	TYPE	TIME UT	MEAS. AREA Mill. of Disk		CORR AREA Sq. Deg	
					LAT.	MER. DIST.												
198 ATHN	01	0037	0155	NO FLARE	PATROL													
	01	1932	2011	NO FLARE	PATROL													
	01	2020	2115	NO FLARE	PATROL													
	01	2122	2138	NO FLARE	PATROL													
	01	2258	2306	NO FLARE	PATROL													
	02	2255	2303	NO FLARE	PATROL													
	03	1001	1003	1005	N11	E00	.199	13703	3.4	4	-N	5	C		16	OE		
GRP62199 KHAR RAHY ATHN ATHN ABST	04	1023+5	1028+5	1038	S10	E25	.449	13692	6.3	15	-F			60	.7	GJ		
	04	0922	0922	1035	S07	E24	.420	13692	6.2	73	1F		C	0922	330	3.8	BE	
	04	1023	1028	1042	S09	E25	.444	13692	6.3	19	-F	4	C		45		DE	
	04	1028	1031	1036	S11	E26	.469	13692	6.4	8	-F	3	V		48		F	
	04	1028	1031	1036	S11	E26	.469	13692	6.4	8	-F	3	C		48		F	
	04	1030E	1033	10440	S11	E25	.455	13692	6.3	140	-F		P	1033	87	1.0	DGJ	
	04	1700+3	1702+5	1714	S08	E20	.364	13692	6.2	14	-F			40	.4	F		
GRP62200 BOUL RAHY HTPR ATHN ATHN	04	1700	1703	1708	S08	E21	.379	13692	6.3	8	-F	3	C	1703	32	.3		
	04	1700	1702	1719	S08	E18	.334	13692	6.1	19	-F	3	C		36		F	
	04	1703	1703	1720	S07	E22	.390	13692	6.4	17	-F		C	1703	20	.2		
	04	1706E	1707U	1711	S09	E20	.370	13692	6.2	50	-F	2	C		64		F	
	04	1706E	1707U	1711	S09	E20	.370	13692	6.2	50	-F	2	V		64		F	
	201 CULG	05	0309E	0312	03200	S08	E06	.171	13692	5.6	110	-F		C	0312	20	.2	
	06	0001	0012	NO FLARE	PATROL													
06	0045	0103	NO FLARE	PATROL														
202 HTPR	06	0518	0519	0540	S10	E01	.173	13692	6.3	22	-F		C	0519	10	.1	D	
203 HTPR	06	0920	0924	0930	S07	W03	.131	13692	6.2	10	-F		C	0924	20	.2		
GRP62204 HTPR MONT MEUD	06	1207+5	1214+2	1228	S07	W04	.139	13692	6.2	21	-F			40	.4	E		
	06	1207	1214	1250	S07	W04	.139	13692	6.2	43	-F		C	1214	20	.2	E	
	06	1210	1216	1228	S08	W04	.154	13692	6.2	18	-F		C	1216	40		E	
	06	1212	1215	1225	S07	W04	.139	13692	6.2	13	-F		C	1215	50	.5	E	
	07	2202	2213	NO FLARE	PATROL													
	07	2245	2255	NO FLARE	PATROL													
	07	2325	2343	NO FLARE	PATROL													
GRP62205 ATHN ATHN CATA	10	0021	0028	NO FLARE	PATROL													
	10	0030	0039	NO FLARE	PATROL													
	10	2001	2010	NO FLARE	PATROL													
	10	2020	2036	NO FLARE	PATROL													
	11	0633+0	0635+5	0642	S19	E32	.602	13729	13.7	9	-F			30	.4			
	11	0633	0635	0642	S21	E31	.604	13729	13.6	9	-F	4	V		32			
	11	0633	0635	0642	S21	E31	.604	13729	13.6	9	-F	4	C		32			
11	0635E	0640	06500	S14	E35	.610	13729	13.9	150	-F			0640	28	.4			
GRP62206 ATHN ATHN	11	1156+0	1158+0	1201	S15	E31	.564	13729	13.8	5	-F			20	.2	F		
	11	1156	1158	1201	S15	E31	.564	13729	13.8	5	-F	3	V		16		F	
	11	1156	1158	1201	S15	E31	.564	13729	13.8	5	-F	3	C		16		F	
	11	1944	1950	NO FLARE	PATROL													
	11	2013	2034	NO FLARE	PATROL													
	12	1957	2008	NO FLARE	PATROL													
	12	2030	2046	NO FLARE	PATROL													
207 CATA	12	2103	2143	NO FLARE	PATROL													
	12	2256	2307	NO FLARE	PATROL													
	14	0039	0149	NO FLARE	PATROL													
	14	1809	1843	NO FLARE	PATROL													
	14	1854	1900	NO FLARE	PATROL													
	14	2019	2030	NO FLARE	PATROL													
	14	2105	2144	NO FLARE	PATROL													
14	2332	2351	NO FLARE	PATROL														
207 CATA	15	1015E	1025	10350	N06	W28	.475	13722	13.3	200	-F			1025	28	.3		
208 CATA	15	1215	1225	12500	N07	W31	.522	13722	13.2	350	-F			1225	56	.7		
209 CATA	15	1305E	1305	13150	N07	W31	.522	13722	13.2	100	-F			1315	56	.7		

H α SOLAR FLARES

JUNE 1975

OBSERVATORY	OBSERVED UT				LOCATION				DURATION	IMPORTANCE	OBS.		MEASUREMENTS			REMARKS	
	DATE	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	MCMATH FLARE REGION			CMP. DAY	COND.	TYPE	TIME UT	MEAS. AREA		CORR. AREA
					LAT.	MR. DIST.											
1975 JUN																	
210 CATA	15	1325E	1335	1430D	N07	H32	.537	13722	13.2	650	-F		1335	28	.3		
	15	1810	1830	NO FLARE PATROL													
	15	1834	1859	NO FLARE PATROL													
	15	2016	2052	NO FLARE PATROL													
211 TACH	16	0257E		0307	N05	H42	.671	13722	13.0	100	-B	C	0257	88	1.2	D	
212 CATA	16	0725	0725	0730	N05	H42	.671	13722	13.2	5	-N		0725	56	.8		
GRP62213	16	0800+9	0815	0820	N05	H43	.683	13722	13.1	20	-F			80	1.1	D	
KHAR	16	0800	0820	0820	N06	H43	.684	13722	13.1	20	-F	P	0820	110	1.5	D	
CATA	16	0810	0815	0820	N05	H43	.683	13722	13.1	10	-N		0815	56	.8		
214 HURB	16	1157E		12010	N09	H42	.676	13722	13.3	40	-B					T	
215 KHAR	16	1245	1245	1350	N06	H45	.709	13722	13.2	65	-F	P	1245	110	1.5	D	
216 HUAN	16	1410E		1421	N05	H47	.732	13722	13.1	110	-F	1 P	1414	30	.4		
217 HUAN	16	1535		1542	N05	H47	.732	13722	13.1	7	-F	1 C	1537	35	.5		
218 HUAN	16	1741		1748	N05	H48	.744	13722	13.1	7	-F	1 C					
	16	1941	1953	NO FLARE PATROL													
	16	2004	2022	NO FLARE PATROL													
219 CULG	16	2228E	2235	2242D	N05	H48	.744	13722	13.3	140	-F	C	2235	100	1.5		
	16	2306	2319	NO FLARE PATROL													
220 KHAR	17	0910	0910	1010	N06	H57	.839	13722	13.1	60	? F	P	0910	110	2.2	DT	
	IMP. 1	NO	ABST1														
	18	1941	1946	NO FLARE PATROL													
	18	2149	2150	NO FLARE PATROL													
	19	0024	0035	NO FLARE PATROL													
221 CATA	19	0620E	0635	0700D	N05	H84	.994	13722	13.0	400	? F		0635	56			
	IMP. 1	NO	ABST1	KIEV1													
222 CATA	19	1035E	1105	1115	S08	H73	.958	13729	14.0	400	-F		1105	56			
223 KHAR	19	1140	1150	1200	N09	H75	.966	13722	13.9	20	2F	C					
GRP62224	19	1215E	1238	1412	S09	H73	.959	13729	14.0	117	1B					E	
HURB	19	1215E	1238	1413D	S09	H70	.943	13729	14.3	118D	1B					E	
KHAR	19	1240	1240	1410	S09	H75	.968	13729	13.9	90	2N	C					
CATA	19	1250	1250	1250	S10	H74	.964	13729	14.0		1F		1250	84			
	19	1927	1945	NO FLARE PATROL													
	19	1949	2003	NO FLARE PATROL													
	19	2046	2250	NO FLARE PATROL													
	19	2354	0300	NO FLARE PATROL													
GRP62225	20	1049	1051+4	1120D	S12	H90	1.000	13729	13.7	31	-F					D	
HONT	20	1049	1051	1057D	S13	H90	1.000	13729	13.7	80	-F	C	1051	20		D	
CATA	20	1050E	1055	1120D	S11	H90	1.000	13729	13.7	300	1F		1055	56			
GRP62226	20	1424+9	1435+1	1502	S11	H90	1.000	13729	13.8	38	-N			50			
HTPR	20	1424	1436	1500	S11	H90	1.000	13729	13.9	36	-N	C	1436	30			
CATA	20	1425	1435	1510	S08	H90	1.000	13729	13.9	45	1N		1435	84			
BOUL	20	1432	1435	1503	S12	H90	1.000	13729	13.9	31	1N	3 C	1435	64	2.6		
HUAN	20	1435	1436	1447	S12	H90	1.000	13729	13.9	12	-F	1 C	1436	35			
GRP62227	20	1525+5	1533+2	1620	S11	H90	1.000	13729	13.9	55	-N			40			
			1610														
CATA	20	1525	1610	1630	S10	H90	1.000	13729	13.9	65	2N		1610	81			
MCMA	20	1527	1534	1545D	S12	H90	1.000	13729	13.9	180	-F	C	1534				
BOUL	20	1528	1535	1550	S12	H90	1.000	13729	13.9	22	-N	3 C	1535	43	1.7		
HUAN	20	1530	1533	1539	S12	H90	1.000	13729	13.9	9	-F	1 C	1533	30			
HUAN	20	1557		1611	S12	H90	1.000	13729	13.9	14	-F	1 C					
GRP62228	20	1725+0	1732	1746	S12	H90	1.000	13729	14.0	21	-N						
BOUL	20	1725	1732	1755	S12	H90	1.000	13729	14.0	30	1N	3 C	1732	54	2.1		
HUAN	20	1725		1737	S12	H90	1.000	13729	14.0	12	-F	C					
229 RAMY	21	1740	1742	1757	S08	E23	.421	13736	23.5	17	-F	3 C		18		DE	

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H α SOLAR FLARES

JUNE 1975

OBSERV- ATORY	OBSERVED UT				LOCATION					DURA- TION	IMPOR- TANCE	OBS.		MEASUREMENTS			REMARKS
	DATE 1975 JUN	START	MAX PHASE	END	APPROX		CENTRAL DISTANCE	GEMATH PLAGE REGION	GMR DAY			COND	TYPE	TIME UT	MEAS. AREA	CORR AREA	
					LAT.	MER. DIST.											
230 KHAR	21	2155	2300	NO FLARE PATROL													
	22	0100	0115	NO FLARE PATROL													
	22	1140	1230	1355 S11 E20	.401	13731	24.0	135	-F	P	1230	165	1.9	EL			
	22	1936	1952	NO FLARE PATROL													
	22	2016	2028	NO FLARE PATROL													
	22	2051	2056	NO FLARE PATROL													
	22	2112	2120	NO FLARE PATROL													
	22	2124	2150	NO FLARE PATROL													
GRP62231	23	0558+7	0601	0920 S11 00	.224	13736	23.2	202	-F							E	
			0615														
	HURB	23	0558E	0601	0614J S10 E01	.208	13736	23.3	160	-F						D	
	CATA	23	0605	0615	0645D S11 W01	.225	13736	23.2	400	-N		0615	56	.6			
	HURB	23	0620E	0631	0633D S10 E01	.208	13736	23.3	50	-F							
	KHAR	23	0632	0920 S11 E01	.225	13736	23.3	168	1F	P	0632	220	2.3	ET			
		23	2214	2241	NO FLARE PATROL												
		24	0032	0043	NO FLARE PATROL												
GRP62232	24	1030	1050+1	1109 N06 E89	1.000	13738	.1	39	1F	P	1050	56				F	
	CATA	24	1030	1050	1110 N06 E88	.999	13738	1.0	40	1F							
	KHAR	24	1040	1051	1107 N07 E90	1.000	13738	1.2	27	1N	C						
233 CATA	24	1315E	1325	1340J N05 E80	.984	13738	30.6	250	-F		1325	28					
234 CATA	24	1430E	1435	1445D N05 E79	.981	13738	30.5	150	-F		1435	28					
	24	2210	2254	NO FLARE PATROL													
	24	2302	2318	NO FLARE PATROL													
	24	2322	2327	NO FLARE PATROL													
	24	2359	0053	NO FLARE PATROL													
	25	0130	0146	NO FLARE PATROL													
235 HTPR	25	0654	0658	0720 S12 W26	.492	13736	23.3	26	-F	C	0658	20	.2	E			
236 UPIC	25	1350E	1355	1415 S11 W32	.566	13736	23.2	250	-F	P	1355	82	5.0				
237 HTPR	25	1613	1615	1626 S12 W33	.584	13736	23.2	13	-N	C	1615	10	.1	D			
GRP62238	25	1640+1	1641+1	1646 S11 W33	.579	13736	23.2	6	-F				35	.4	E		
	HUAN	25	1640	1642	1646 S11 W34	.592	13736	23.1	6	-F	1	C	1642	50	.6	E	
	HTPR	25	1641	1641	1646 S12 W33	.584	13736	23.2	5	-N	C	1641	20	.2	E		
		25	2056	2155	NO FLARE PATROL												
	25	2240	2328	NO FLARE PATROL													
	25	2348	0012	NO FLARE PATROL													
	26	0025	0034	NO FLARE PATROL													
239 ABST	26	0406	0409	0415 N07 E61	.874	13738	30.7	9	-F	C	0409	87	1.9	DJ			
240 ABST	26	0427	0430	0440 S10 W40	.665	13736	23.2	13	-F	C	0430	87	1.2	DJ			
241 HURB	26	0714E	0714	0726J N10 E62	.883	13738	1.0	120	?F								
	IMP. 1 NO	CATA2	HTPR2	TEHR1	LVOV1	ABST1	MONTE1										
242 HURB	26	0826E	0832	0836D S09 W46	.734	13736	22.9	100	-F								
243 HURB	26	1055E	1105	1122D S09 W46	.734	13736	23.0	270	-F								
	26	2111	2130	NO FLARE PATROL													
	26	2250	2257	NO FLARE PATROL													
	27	0217	0226	NO FLARE PATROL													
244 ABST	27	0415	0418	0428 S10 W53	.811	13736	23.2	13	-F	C	0418	105	1.8	DJ			
GRP62245	27	0548	0552+0	0610 S11 W52	.803	13736	23.3	22	-F							E	
	HTPR	27	0548	0552	0609 S10 W53	.811	13736	23.3	21	-F	C	0552	20	.3	E		
	HURB	27	0550E	0552	0610J S12 W52	.805	13736	23.3	200	-N						T	
246 HURB	27	0629E	0629	0700D S10 W53	.811	13736	23.3	310	-N								
247 ABST	27	0637	0640	0646 N05 E50	.766	13738	1.0	9	-F	P	0640	70	1.1	DJK			

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Jun 75H α SOLAR FLARES

JUNE 1975

OBSERVATORY	OBSERVED UT				LOCATION				DURATION	IMPORTANCE	OBS.		MEASUREMENTS			REMARKS	
	DATE 1975 JUN	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	MATH PLAGE REGION			CNR DAY	COND	TYPE	TIME UT	MEAS. AREA Mill. of Disk		CORR AREA Sq. Deg.
					LAT.	MER. DIST.											
GRP62248	27	0703+3	0708+1	0716	S10	H54	.821	13736	23.2	13	-F					DJ	
HTPR	27	0703	0708	0712	S10	H54	.821	13736	23.2	9	-F	C	0708	20	.4		
ABST	27	0706	0709	0719	S11	H54	.823	13736	23.2	13	-F	P	0709	96	1.5	DJ	
249 HTPR	27	0715	0719	0723	N08	E42	.671	13738	30.5	8	-F	C	0719	30	.5		
250 HTPR	27	0827	0832	0844	S10	H54	.821	13736	23.3	17	-F	C	0832	20	.3		
251 HTPR	27	0851	0852	0857	N04	E43	.681	13738	30.6	6	-F	C	0852	10	.1		
GRP62252	27	0925E	0946	0957	S10	H55	.830	13736	23.3	32	-N			25	.4	E	
ARCE	27	0925E		0957	S10	H56	.840	13736	23.2	320	-B	C	0940	22	.4		
HTPR	27	0932E	0946	09480	S10	H55	.830	13736	23.3	160	-F	C	0946	30	.5	E	
253 ABST	27	1030	1033	1042	S10	H57	.849	13736	23.2	12	-F	P	1033	87	1.7	EJK	
254 HURB	27	1057E	1058	1126D	S10	H58	.858	13736	23.1	290	? N					T	
	IMP.1	NO	CATA2	RAMY2	HTPR2	ABST1	MONT1	KIEVL									
GRP62255	27	1249+1	1249	1256	S11	H59	.868	13736	23.1	7	-F						
ZURI	27	1249	1249	1257	S11	H59	.868	13736	23.1	8	-F	C	1249	82	1.7		
HUAN	27	1250		1255	S11	H60	.876	13736	23.0	5	-F	1 C					
GRP62256	27	1400E	1410	1451D	S07	H57	.845	13736	23.3	51	-N					E	
			1427														
CATA	27	1400E	1410	1530	S05	H60	.869	13736	23.1	900	-N		1410	56	1.2		
HTPR	27	1421E	1427	1451	S10	H55	.830	13736	23.5	300	-N	C	1427	40	.6	E	
257 CATA	27	1410E	1410	1420D	N08	E39	.632	13738	30.5	100	-N		1410	28	.4		
258 HTPR	27	1423	1424	1426	N08	E42	.671	13738	30.7	3	-F	C	1424	10	.1		
259 HUAN	27	1612		1708	S10	H60	.875	13736	23.2	56	-F	1 C				E	
260 HUAN	27	1718	1728	1738	S10	H60	.875	13736	23.2	20	-F	1 C	1728	40	.9	E	
261 HUAN	27	1745	1749	1753	S11	H61	.884	13736	23.2	8	-F	1 C	1749	30	.6		
GRP62262	27	1755+5	1803+2	1828	S10	H60	.875	13736	23.2	33	-N			50	1.0	E	
			1817														
HTPR	27	1755E	1803	1828D	S10	H56	.840	13736	23.5	330	-N	C	1803	70	1.2	E	
HUAN	27	1800	1805	1810	S10	H61	.883	13736	23.2	10	-N	2 C	1805	35	.8		
BOUL	27	1815	1817	1837	S10	H63	.898	13736	23.0	22	-F	3 C	1817	11	.2		
263 HUAN	27	1855E	1906	1911D	S11	H64	.907	13736	23.0	160	-N	1 P	1906	30	.7		
264 HUAN	27	1925	1931	1938	S11	H63	.899	13736	23.1	13	-F	1 C	1931	30	.6		
265 HUAN	27	1950	1952U	2000	S11	H63	.899	13736	23.1	10	-F	1 C					
266 HUAN	27	2027		2040	S11	H64	.907	13736	23.1	13	-N	1 C				E	
267 CULG	28	0052E	0054	0100	S05	H65	.909	13736	23.2	80	-F	C	0054	20	.5		
GRP62268	28	0320E	0503	0628	S10	H65	.913	13736	23.3	188	-N					LU	
			0550														
TACH	28	0320E	0503	0600D	S10	H65	.913	13736	23.3	1600	-N	C	0503	133		LTU	
HTPR	28	0544E	0550	0628	S10	H66	.920	13736	23.3	440	-N	C	0550	80		T	
GRP62269	28	0635+9	0648	0749	S10	H69	.939	13736	23.1	74	-N					JK	
			0738														
HTPR	28	0635	0648	0748	S10	H67	.926	13736	23.2	73	-N	C	0648	50		T	
ABST	28	0734	0738	0804D	S09	H70	.944	13736	23.1	300	1N	P	0738	105		EJK	
MONT	28	0742	0746	0749	S10	H70	.944	13736	23.1	7	-F	C	0746	20		O	
GRP62270	28	0828+2	0858	1000	S10	H69	.939	13736	23.2	92	-N			50		EIK	
			0929														
ARCE	28	0800E		1000D	S10	H70	.944	13736	23.1	200	-N	C	0923	51	1.2	K	
LVOV	28	0828	0858	1109	S11	H70	.945	13736	23.1	161	2N	C	0853	200		CEI	
HTPR	28	0830	0951	1000	S10	H67	.926	13736	23.3	90	-F	C	0846	50		T	
MONT	28	0917	0929	0957	S10	H71	.950	13736	23.1	40	-F	C	0929	40		EK	
271 HTPR	28	1010	1045	1100	S10	H68	.933	13736	23.3	50	-F	C	1045	30		T	
272 HTPR	28	1617	1634	1638D	S10	H72	.955	13736	23.3	210	-F	C	1634	10			
273 HTPR	28	1643	1651	1701	S10	H72	.955	13736	23.3	18	-F	C	1651	10		E	
274 HUAN	28	1823E		1829D	S14	H78	.982	13736	22.9	60	-F	1 P					
275 MCHA	28	2007	2011	2028	N04	E33	.544	13738	1.3	21	-N	C	2011	40	.5	EL	

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Jun 75

H α SOLAR FLARES

JUNE 1975

OBSERV- ATORY	OBSERVED UT				LOCATION				DURA- TION	IMPOR- TANCE	OBS.		MEASUREMENTS			REMARKS	
	DATE	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	MCNATH PLAGE REGION			CMP DAY	COND	TYPE	TIME UT	MEAS. AREA		CORR AREA
					LAT.	MER. DIST.											
1975 JUN																	
	29	0015	0022	NO FLARE	PATROL												
	29	0117	0120	NO FLARE	PATROL												
	29	0123	0125	NO FLARE	PATROL												
	29	0128	0140	NO FLARE	PATROL												
276 KHAF	29	0830	0830	0840	N10	E17	.316	13738	30.6	10	-F	P	0830	90	1.0	D	
GRP62277	29	1536+3	1540+4	1602	N07	E16	.265	13738	30.8	26	-N			60	.6		
		1550															
BOUL	29	1536	1544	1601	N07	E15	.268	13738	30.8	25	-F	3	C	1544	21	.2	DE
RAMY	29	1536	1544	1606	N08	E17	.305	13738	30.9	30	-F	2	C		72		E
MCHA	29	1537	1540	1605	N07	E17	.301	13738	30.9	28	-B		C	1540	50	.5	F
ATHN	29	1539	1543	1556	N08	E16	.289	13738	30.9	17	-N	4	V		64		F
ATHN	29	1539	1543	1556	N08	E16	.289	13738	30.9	17	-N	4	C		64		
CATA	29	1545	1550	1630	N06	E17	.297	13738	30.9	45	-N			1550	84	.9	
278 ATHN	30	0424	0426	0430	N07	E07	.142	13738	30.7	6	-F	4	C		32		DE
GRP62279	30	1003+6	1017+3	1039	N09	E08	.176	13738	0.0	36	-F				80	.8	
MONT	30	1003	1020	1044	N08	E06	.138	13738	30.9	41	-F		C	1020	40		D
TEHR	30	1009	1020	1023	N12	E11	.247	13738	1.2	14	-F	3	V		190		F
TEHR	30	1015E	1017U	1220J	N12	E10	.234	13738	1.2	1250	-F	3	C		60		
KHAR	30	1023	1023	1028	N08	E06	.138	13738	30.9	5	-F		C	1023	100	1.0	
LOCA	30	1030E	1030	1045	N07	E05	.114	13738	30.8	150	1N		V	1030	101	1.0	
GRP62280	30	1148+4	1153+3	1207	N07	E04	.102	13738	30.8	19	-F				25	.3	EZ
RAMY	30	1148	1153U	1204	N06	E02	.067	13738	30.6	16	-F	3	C		27		DE Z
MONT	30	1152	1156	12020	N08	E05	.126	13738	30.9	100	-F		C	1156	20		
MCHA	30	1152	1154	1209	N07	E05	.114	13738	30.9	17	-N		C	1209	30	.3	E
281 RAMY	30	1309	1314U	1316	N08	E01	.093	13738	30.6	7	-F	4	C		33		DE
GRP62282	30	1915+0	1917	1946	N10	W02	.131	13738	30.7	31	-F				40	.4	H
		1925+4															
RAMY	30	1915	1925U	1947	N11	W02	.148	13738	30.7	32	-F	*	C		36		DE
MCHA	30	1915	1917	1920	N10	W03	.137	13738	30.6	5	-F	*	C	1917	30	.3	OH
MCHA	30	1921	1929	1945	N10	W03	.137	13738	30.6	24	-N	*	C	1929	40	.4	OH

DAILY FLARE INDICES

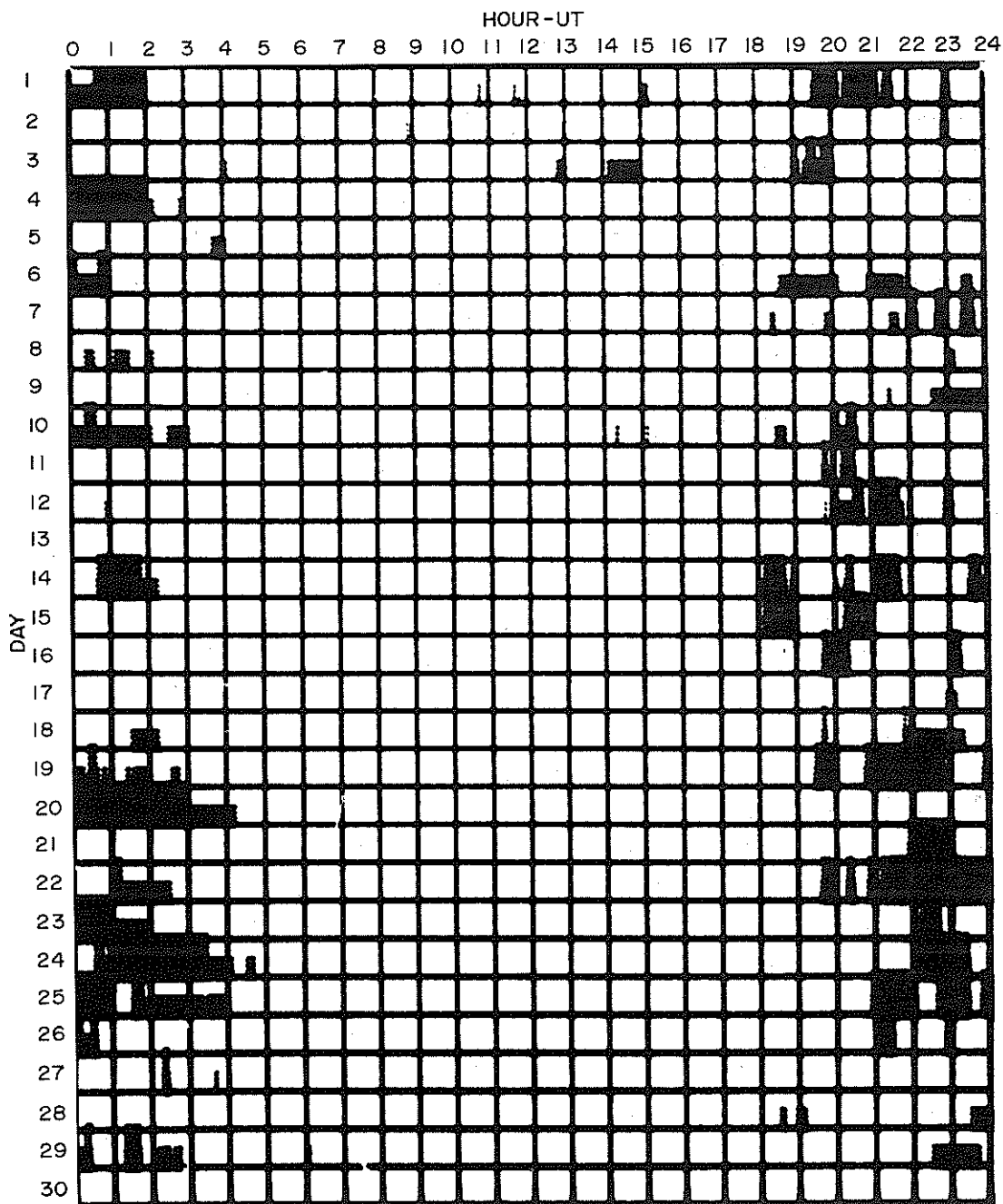
Includes all Flares

Date	Flare Index	HR. OBS.	Date	Flare Index	HR. OBS.	Date	Flare Index	HR. OBS.
750601	0.00	20.7	750612	0.00	22.7	750622	5.41	19.8
750602	0.00	23.9	750614	0.00	21.0	750623	5.28	23.6
750603	5.37	23.4	750615	13.71	22.7	750624	5.60	19.3
750604	2.94	22.1	750616	18.58	23.3	750625	11.21	21.6
750605	5.28	24.0	750617	0.00	24.0	750626	6.57	23.4
750606	11.40	23.5	750618	0.00	23.9	750627	32.68	23.9
750607	0.00	23.4	750619	54.30	18.1	750628	10.61	24.0
750610	0.00	23.3	750620	3.85	24.0	750629	7.19	23.6
750611	.69	23.6	750621	5.46	22.9	750630	15.11	24.0

When no Flare Index is given, it is 0 for that day.

INTERVALS OF NO FLARE PATROL OBSERVATION
FOR PRECEDING SOLAR FLARE TABLE

JUNE 1975



Observatories included in total patrol:

Abastumani	Culgoora	Kiev	Meudon	Tehran
Arcetri	Haute Provence	Kodaikanal	Mitaka	Upice
Athenes	Herstmonceux	Locarno	Monte Mario	Voroshilov
Boulder	Huancayo	Lvov	Palehua	Wendelstein
Bucharest	Hurbanovo	Manila	Ramey	Zürich
Catania	Kharkov	McMath-Hulbert	Tachkent	

Times of no flare patrol are shown by the shaded area for each day divided into times of no cinematographic patrol (bottom half of day) and times of neither visual nor cinematographic patrol (top half of day).

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Jun 75

SOLAR RADIO EMISSION OUTSTANDING OCCURRENCES

JUNE 1975

JUN 1975	FREQUENCY STATION	TYPE	STARTING TIME	TIME OF MAXIMUM	DURATION	FLUX DENSITY $10^{-22} \text{ Wm}^{-2} \text{ Hz}^{-1}$		INT	POLARIZATION OR REMARKS
			UT	UT	MINUTES	PEAK	MEAN		
1	18 MCMA	6	1513	1514	2			1	
2	260 ONDR	8 S	1347.8	1347.8	0.2	11			
	260 ONDR	8 S	1349.8	1349.8	0.2	26			
	260 ONDR	8 S	1355.6	1355.6	0.2	7			
	260 ONDR	8 S	1356.5	1356.5	0.2	26			
	260 ONDR	3 S	1428.7	1429.3	3.5	9	1.8		
	930 BORD	45 C	1735.5	1735.5	0.2	8	1		
	2695 BOUL	1 S	2024.5	2027	7	7	2		
5	260 ONDR	8 S	0753.8	0753.8	0.2	5			
	260 ONDR	8 S	0757.8	0757.8	0.2	4			
	260 ONDR	8 S	1108.7	1108.7	0.2	11			
	260 ONDR	8 S	1219.2	1219.2	0.2	6			
7	260 ONDR	3 S	1343.8	1344.6	1	11	1		
8	18 MCMA	41	1440	1454	21			2	
9	18 MCMA	6	0112	0115	4			1	
	720 SYDN	4 S/F	0129.2	0129.3	0.4				
	720 SYDN	4 S/F	0129.6	0130.5	1.4				
	1420 SYDN	1 S	0130.6	0130.6	0.1				
	18 MCMA	6	1631	1633	3			1	
	930 BORD	45 C	1646.2	1646.3	0.1	12	2		
	2695 BOUL	2 S	2126	2127.5	2	3	1		
10	9240 ARCE	1	1616.6	1616.9	2.2				
	2695 BOUL	1 S	2347	2347.5	2.5	3	1		
13	127 TORN	7 C	1002.5	1003	5 U	4	4		UNCERTN
15	18 MCMA	41	0058	0101	7			1	
16	245 SGHR	43 NS	1220.8	1920.4	717.20	8.3			
	18 MCMA	6	1349	1351	3			1	
	245 SGHR	7 C	1932.2	1934.2	4.3	12.6	6.3		
	245 SGHR	7 C		1935		21.1			
	18 MCMA	6	2028	2030	2			1	
	18 MCMA	6	2206	2207	2			1	
17	260 ONDR	44 NS	0638 E		512.0	40			
	234 DWIN	44 NS	0820 E		260.0		3		
	246 DWIN	44 NS	0820 E		260.0		3		
	263 DWIN	44 NS	0820 E		260.0		3		
	300 DWIN	44 NS	0820 E		260.0		3		
	315 DWIN	44 NS	0820 E		260.0		3		
	245 SGHR	44 NS	0910 E	2346.2	908.0	20.8			
	536 ONDR	8 S	0855.7	0855.7	0.2	15			
	221 ABST	40 F	1014.8	1015.2	1	20	5		
	18 MCMA	6	1841	1843	2			1	
18	260 ONDR	3 S	0655	0655.7	2	8	1.8		
	3100 CRIM	24 R	0907	0940		1			
	2695 BOUL	1 S	1727	1727.5	1	3	1		
	2695 BOUL	8 S	1733.5	1734	1	6	2		
	2695 BOUL	8 S	1756.5	1757	1.5	4	1		
	2695 BOUL	1 S	1801.5	1802	1	2	1		
	2695 BOUL	45 C	1825.5	1828	2.5	3	1		
20	1420 BOUL	8 S	0126.5	0127.5	2	14	5		
	1000 TYKN	45 C	0127	0127.3	2	10	3		
	2000 TYKN	5 S	0127	0127.7	2	1.1	0.3		
	127 TORN	7 C	0843	0843.8	3	6	3		12R OR UNCERTN
	558 KIEV	46 C	0907.7	0909.2	4.5	76			
21	100 GORK	42 SER	0841.6	0841.7	3.5	30	15		
	245 SGHR	6 S	0941.8	0943.3	5.9	11.7	3.5		
	200 GORK	41 F	0943.2	0943.6	1.2	20			
	100 GORK	41 F	0943.2	0943.5	1.2	40			
	221 ABST	40 F	0943.8	0944.2	0.8	14	3		
	245 SGHR	6 S	1937.6	1939.3	2.4	4.4	.9		
	410 SGHR	6 S	1939.2	1939.4	.4	.9	.4		
	245 SGHR	6 S	2022.7	2023	2	9.1	1.8		
	245 SGHR	6 S	2049.8	2050.3	4.5	68	20.4		
	410 SGHR	6 S	2052	2052.3	.5	.9	.4		
22	9240 ARCE	22	1347.6	1354.6	17.5				
	1420 ARCE	20	1349.2	1351.1	40.5				
	930 BORD	1 S	1809	1809.1	0.2	35	2		
23	245 SGHR	6 S	2045	2045.2	.8	15.2	4.6		
	18 MCMA	6	2046	2047	2			1	
	18 MCMA	42	2141	2145	6			1	

SOLAR RADIO EMISSION
OUTSTANDING OCCURRENCES

JUNE 1975

JUN 1975	FREQUENCY STATION	TYPE	STARTING TIME	TIME OF MAXIMUM	DURATION	FLUX DENSITY $10^{-22} \text{ W m}^{-2} \text{ Hz}^{-1}$		INT	POLARIZATION OR REMARKS
			UT	UT	MINUTES	PEAK	MEAN		
24	9240 ARCE	1	0905.1	0905.4	1				
	9240 ARCE	22	1006.2	1007.4	35				
	3100 CRIM	24 R	1140 E	1140	U				
	9240 ARCE	21	1438	1448.9	41				
	9240 ARCE	3	1450	1452.2	5				
	2695 BOUL	8 S	1725.5	1726	1.5	2	5		
	18 MCHA	6	2229	2230	2			1	
25	720 SYDN	8 S	0326.2	0126.3	0.3				
	9240 ARCE	40	0734	0800	18.6				
	9240 ARCE	21	0810.3	0811	32				
	9240 ARCE	4	0811.3	0811.4	0.7				
	9240 ARCE	22	1021.8	1047 U	59				
	9240 ARCE	22	1418.7	1432.8	23.4				
26	237 TRST	41	1620.8	1620.9	0.3	68			23R
	2800 OTTA	1 S	1801	1801.9	3	1.2	0.5		
27	200 GORK	44 NS	0300 E		420		5		
	200 GORK	45 C	0355.6	0355.7	1	40			
	100 GORK		0356.1	0356.2	0.3	70			
	100 GORK	42 SER	0418	0418.4	2	70 0			
	100 GORK		0418	0419.5		70 0			
	260 ONDR	44 NS	0644 E		504 0	19			
	213 OWIN	44 NS	0820		400 0		4		
	234 OWIN	44 NS	0820		400 0		3		
	207 IZMI	42 SER	0836		136	38			
	246 OWIN	44 NS	0850		370 0		3		
	283 OWIN	44 NS	0850		370 0		3		
	213 OWIN	45 C	0850	0855.5	1	230	15		
	300 OWIN	44 NS	0850		370 0		3		
	315 OWIN	44 NS	0850		370 0		2		
	100 GORK	42 SER	0852	0852.4	1	60			
	100 GORK		0852	0852.9		60			
	536 ONDR	8 S	0855.5	0855.5	0.8	6	0.5		
	237 TRST	41	0855.6	0855.7	1	73			11R
	200 GORK	45 C	0855.8	0856.1	1.5	40 0			
	100 GORK	45 C	0855.8	0856.1	1.6	60 0			
	234 OWIN	45 C	0855	0855.5	1	200	20		
	246 OWIN	45 C	0855	0855.5	1	75	15		
	221 ABST	3 S	0858.5	0858.8	0.5	43			
	100 GORK	42 SER	0908.7	0908.9	26.5	60 0			
	100 GORK		0908.7	0935.2		60 0			
	100 GORK		0908.7	0925.2		60 0			
	100 GORK		0908.7	0917.7		60 0			
	200 GORK	42 SER	0908.8	0909	95	40 0			
	200 GORK		0908.8	0935.2		40 0			
	200 GORK		0908.8	0925.1		40 0			
	200 GORK		0908.8	0917.8		40 0			
	221 ABST	3 S	0923.8	0924	0.5	28			
	237 TRST	45	0924.6	0924.9	0.4	54	16		14R
	221 ABST	40 F	1010.5	1011.2	1.2	26	6		17R
	237 TRST	41	1011.2	1011.9	1	34			
	246 OWIN	45 C	1011	1011.5	1	30	5		
	213 OWIN	45 C	1011	1011.5	1	130	20		
	234 OWIN	45 C	1011	1011.5	1	40	8		
	18 MCHA	6	1409	1410	2			2	
28	300 OWIN	44 NS	0500 E		780 0		15		
	315 OWIN	44 NS	0500 E		780 0		15		
	213 OWIN	44 NS	0500 E		780 0		15		
	234 OWIN	44 NS	0500 E		780 0		15		
	246 OWIN	44 NS	0500 E		780 0		15		
	283 OWIN	44 NS	0500 E		780 0		15		
	207 IZMI	43 NS	0535		385	25			
	200 GORK	43 NS	0539		261 0		10		
	100 GORK	43 NS	0618		222		5		
	260 ONDR	44 NS	0640 E		520 0	37			
	221 ABST	44 NS	0715	0942	180	8			
	221 ABST	40 F	0723.5	0724.2	1	24			
	550 KIEV	40 F	0900		390	30	22		
	410 SGMR	44 NS	0912 E	2005.9	908 0	80			
	245 SGMR	44 NS	0912 E	1740.8	908 0	172			
	536 ONDR	3 S	0930.6	0931	0.5	10	1		
	221 ABST	3 S	0940	0940.2	0.5	33			
	221 ABST	3 S	0941.8	0942	0.5	35			
	550 KIEV	24 R	1407	1411.2	58.5	110			
29	207 VORO	44 NS	2100	2209	360	17			
	2800 OTTA	20 GRF	2000	2013	40	1.8	0.9		
	2800 OTTA	240 R	2125	2200	35	1.6	0.8		
	2800 OTTA	24P R	2200		230 0	1.6			
	200 GORK	43 NS	0303		417 0		5		
	100 GORK	43 NS	0303		417		5		

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Jun 75

SOLAR RADIO EMISSION OUTSTANDING OCCURRENCES

JUNE 1975

JUN 1975	FREQUENCY STATION	TYPE	STARTING TIME	TIME OF MAXIMUM	DURATION	FLUX DENSITY $10^{-22} \text{ W m}^{-2} \text{ Hz}^{-1}$		INT	POLARIZATION OR REMARKS
			UT	UT	MINUTES	PEAK	MEAN		
	207 IZMI	44 NS	0505		415	35			
	260 ONDR	44 NS	0627 E		523 0	54			
	550 KIEV	6 S	0702.2	0703.2	1.2	26			
	550 KIEV	6 S	0725.2	0726	1.2	23			
	221 ABST	44 NS	0800	1052.5	180	7			
	550 KIEV	6 S	0803.2	0803.6	0.5	22			
	221 ABST	3 S	0815	0815.2	0.5	57			
	550 KIEV	6 S	0850.7	0851.4	1.2	20			
	245 SGMR	44 NS	0913 E	1724.7	907 0	534.6			
	228 HARS	45 C	1019.5	1020.5	2.5	40	13		
	221 ABST	3 S	1052.2	1052.5	0.5	81			
	410 SGMR	43 NS	1246.5	1255.7	693.50	36.5			
	207 VORO	44 NS	2100	0141	360	8			
	3100 CRIM	1 S	0904	0905	2	1	0.5		
	2800 OTTA	21A GRF	1530	1542	60	1.4	0.7		
	9240 ARCE	20	1538.5	1541.3	38				
	2695 BOUL	1 S	1539	1541.5	4.5	4	1		
	1420 BOUL	8 S	1539	1540	3	3	1		
	1420 ARCE	2	1540.3	1540.4	5				
	2800 OTTA	A S	1540	1541	2	1.8	0.9		
	2800 OTTA	8 S	1541	1541	0.1	3			
	228 HARS	45 C	1727	1727.5	1.5	290	90		
	18 MCMA	41	1815	1819	7			1	
	2800 OTTA	20 GRF	1847		11	0.8	0.6		
	18 MCMA	6	1922	1923	2			1	
	18 MCMA	6	2042	2044	2			1	
	2800 OTTA	20 GRF	2123	2125	20	1	0.5		
	18 MCMA	42	2145	2205	39			1	
	18 MCMA	6	2342	2344	3			1	
30	260 ONDR	44 NS	0645 E		503 0	29			
	200 GORK	43 NS	0754		110		10		
	200 GORK		0821	0827		50			
	200 GORK	41 F	0821	0822.2	6.5	40			
	213 OWIN	44 NS	0830 E		390 0		5		
	234 OWIN	44 NS	0830 E		390 0		8		
	246 OWIN	44 NS	0830 E		390 0		8		
	283 OWIN	44 NS	0830 E		390 0		8		
	300 OWIN	44 NS	0830 E		390 0		8		
	315 OWIN	44 NS	0830 E		390 0		8		
	200 GORK		0843.3	0846		50 0			
	200 GORK	41 F	0843.3	0843.6	78	50 0			
	410 SGMR	44 NS	0913 E	2314.2	907 0	19.8			
	245 SGMR	44 NS	0913 E	2259.9	907 0	147.7			
	207 VORO	44 NS	2100	0008	360	53			
	200 HIRA	43 NS	2207	0020	703 0	80	20		SL
	207 VORO	24 R	2214	2243	254	80			
	100 HIRA	43 NS	2222	0008	688 0	150	47		SR
	221 ABST	3 S	0920	0920.2	0.5	38			
	221 ABST	3 S	0928.2	0928.5	0.5	47			
	200 GORK		0928.5	0929.2		50 0			
	200 GORK	45 C	0928.5	0928.8	1.1	50 0			
	3100 CRIM	2 S/F	1002	1003	20	2	1		
	2800 OTTA	8 S	1436.5	1436.5	0.10	2.2			
	237 TRST	45	1527.4	1527.5	0.4	46	14		4R
	18 MCMA	6	1626	1629	3			2	
	228 HARS	45 C	1712.5	1716.5	5	30	8		
	2695 BOUL	45 C	1715	1716	3	5	2		
	2695 BOUL	8 S	1728	1730	2.5	10	3		
	2800 OTTA	8 S	1830.2	1830.2	0.3	2.4	1.2		
	18 MCMA	6	1916	1918	3			1	
	228 HARS	45 C	1923	1924	2	30	12		
	18 MCMA	41	1926	1930	6			1	

Reports received from the following observatories:

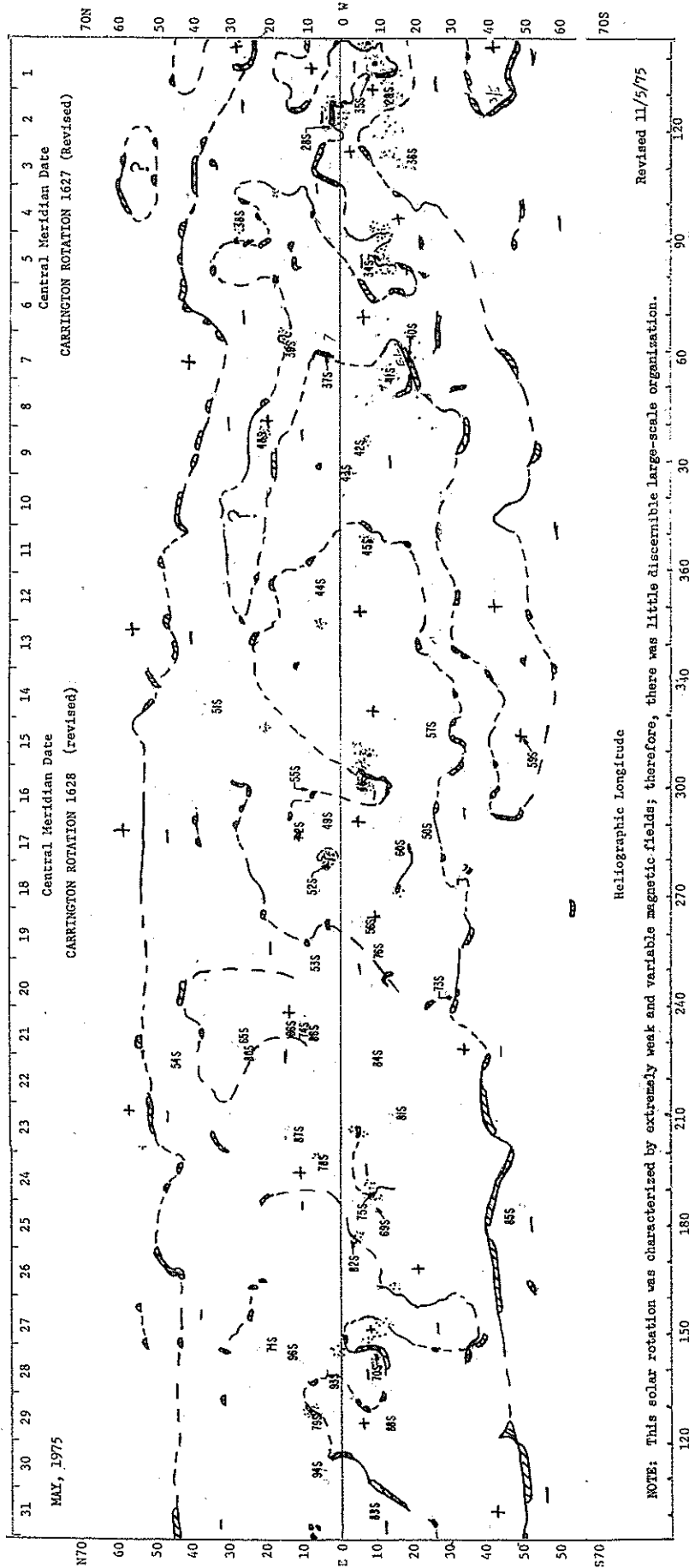
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ARCE = Arcetri	GORK = Gorky	KIEV = Kiev	PENN = Penn. State Univ.	TORN = Torun
BERL = Berlin-Adlershof	HARS = Harestua	KISV = Kislovodsk	PENT = Penticton	TYKM = Toyokawa
BORD = Bordeaux	HIRA = Hiraio	MANI = Manila	POTS = Potsdam	TRST = Trieste
BOUL = Boulder	HUAN = Huancayo	MCMA = McMath-Hulbert	SAOP = Sao Paulo	UPIC = Upice
CRIM = Simferopol	IRKU = Irkutsk	ONDR = Ondrejov	SGMR = Sagamore Hill	VORO = Voroshilov (Ussurisk)

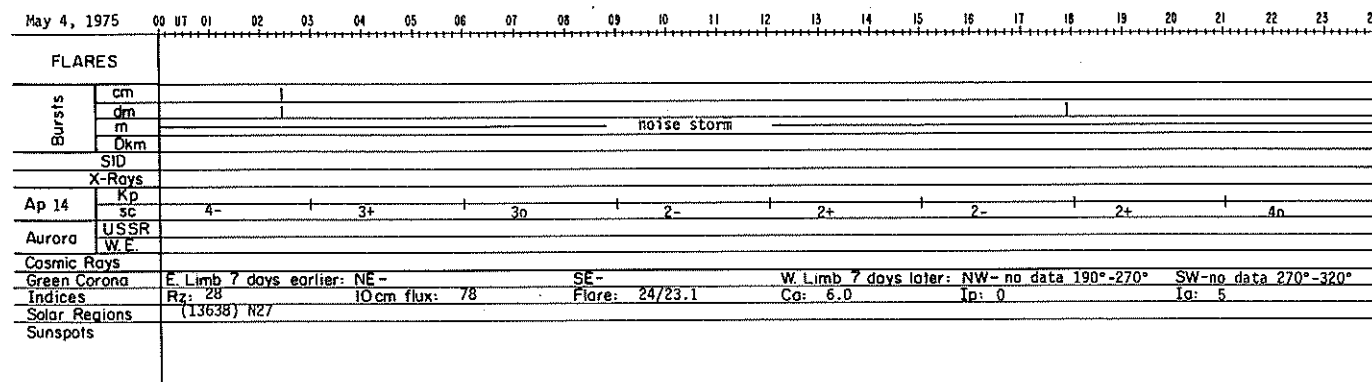
MAY 1975 DATA

Contents

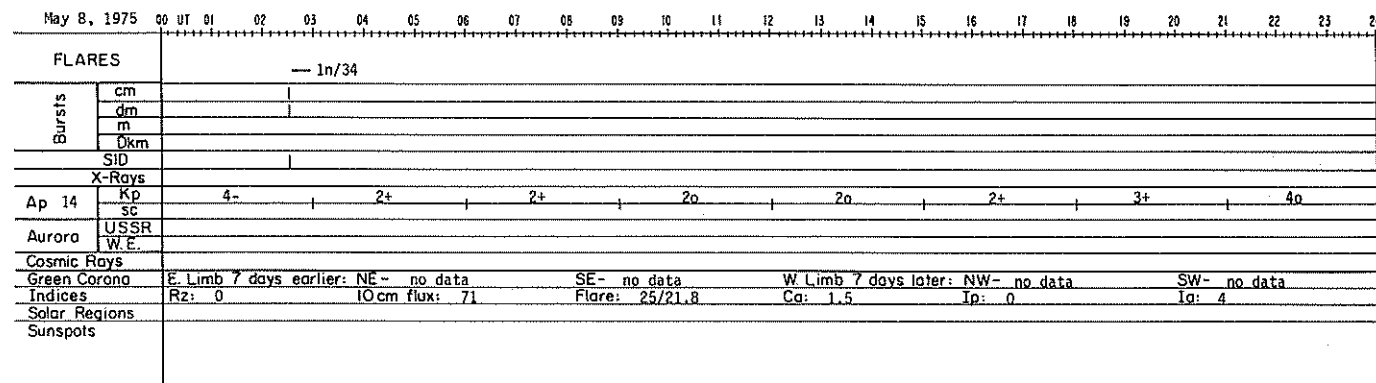
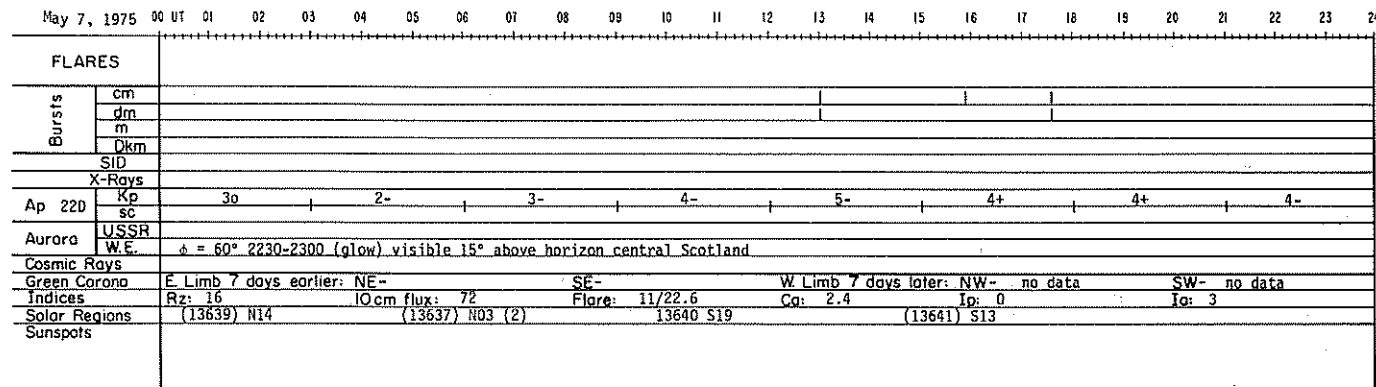
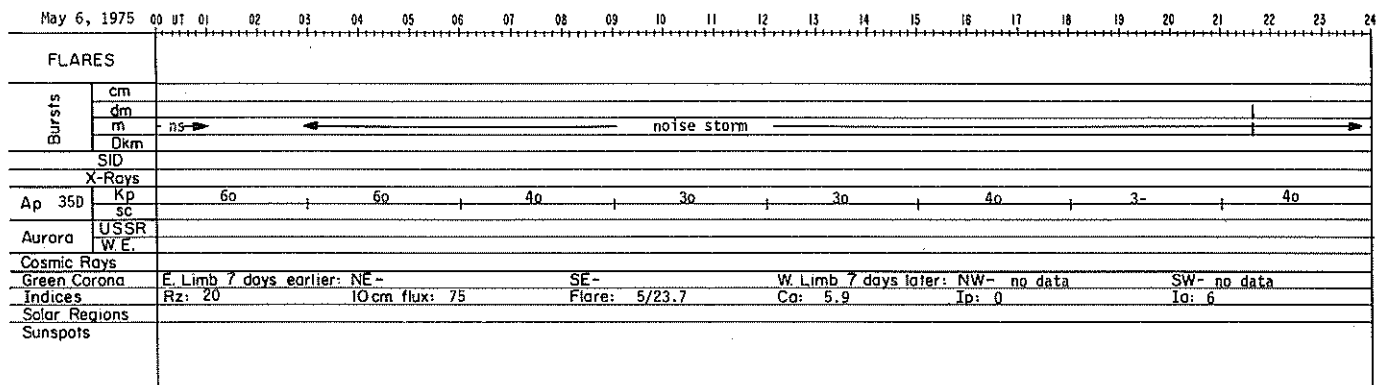
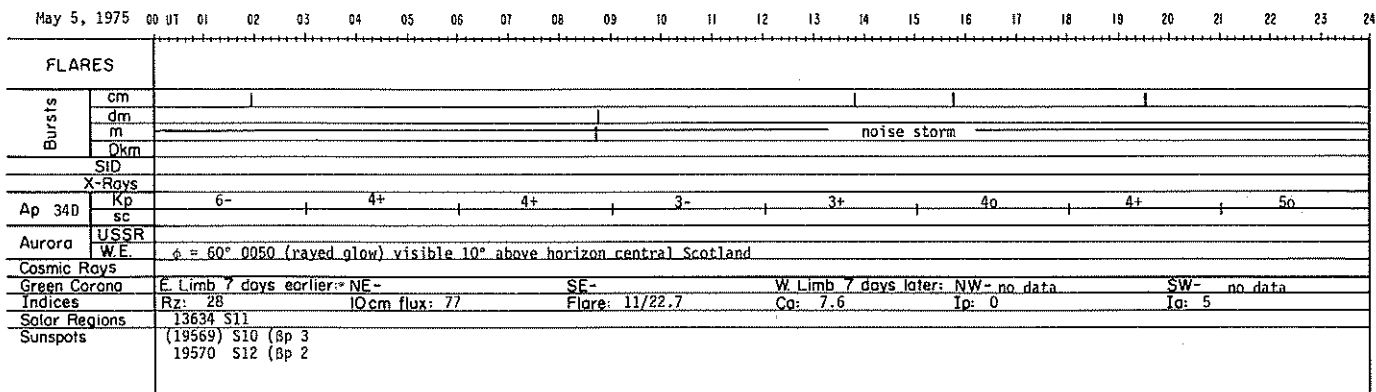
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ABBREVIATED CALENDAR RECORD H α SYNOPTIC CHART MAY 1975





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May 75



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FLARES																
Bursts	cm															
	dm															
	m															
	Dkm															
SID																
X-Rays																
Ap 16	Kp	3+		2+		2+		3o		3-		3-		3+		1+
	sc															
Aurora	USSR															
	W.E.															
Cosmic Rays																
Green Corona	E Limb 7 days earlier: NE- SE- W Limb 7 days later: NW- no_data SW- no_data															
Indices	Rz: 0 10cm flux: 69 Flare: 5/23.5 Cg: 0.7 Ip: 0 Id: 3															
Solar Regions	(13648) N21 (13642) S05 (13643) S02															
Sunspots																

FLARES																															
Bursts	cm																														
	dm																														
	m																														
	Dkm	1																													
SID																															
X-Rays																															
Ap 19	Kp	5o	+	5-	+	4-	+	2+	+	3-	+	1o	+	2o	+	3-															
	sc																														
Aurora	USSR																														
	W.E.																														
Cosmic Rays																															
Green Corona		E. Limb 7 days earlier: NE -					SE -					W. Limb 7 days later: NW -					SW -														
Indices		Rz: 9					10cm flux: 69					Flare: 0/22.2					Ca: 0.8					Ip: 0					Ia: 6				
Solar Regions																															
Sunspots																															

FLARES											
Bursts	cm										
	dm										
	m										
	0km										
SID											
X-Rays											
Ap 20Q	Kp sc	0+	1-	0+	1-	0+	1-	0+	1-	0+	0o
Aurora	USSR W.E.										
Cosmic Rays											
Green Corona	E Limb 7 days earlier: NE- no data SE- no data W Limb 7 days later: NW- SW-										
Indices	Rz: 0 10cm flux: 68 ~ Flare: 0/21.7 Ca: 1.7 Ip: 0 Ia: 0										
Solar Regions	(13645) S08										
Sunspots											

FLARES											
Bursts	cm										
	dm										
	m										
	dkm										
SID											
X-Rays											
Ap 3Q	Kp sc	0+	1-	1-	0+	0+	1-	2-	1-		
Aurora	USSR W.E.										
Cosmic Rays											
Green Corona	E. Limb 7 days earlier: NE - SE - W. Limb 7 days later: NW - no data SW - no data										
Indices	Rz: 0 10cm flux: 68 Flare: 0/21.0 Co: no data Ip: 0 Io: 3										
Solar Regions	(13544) N05										
Sunspots											

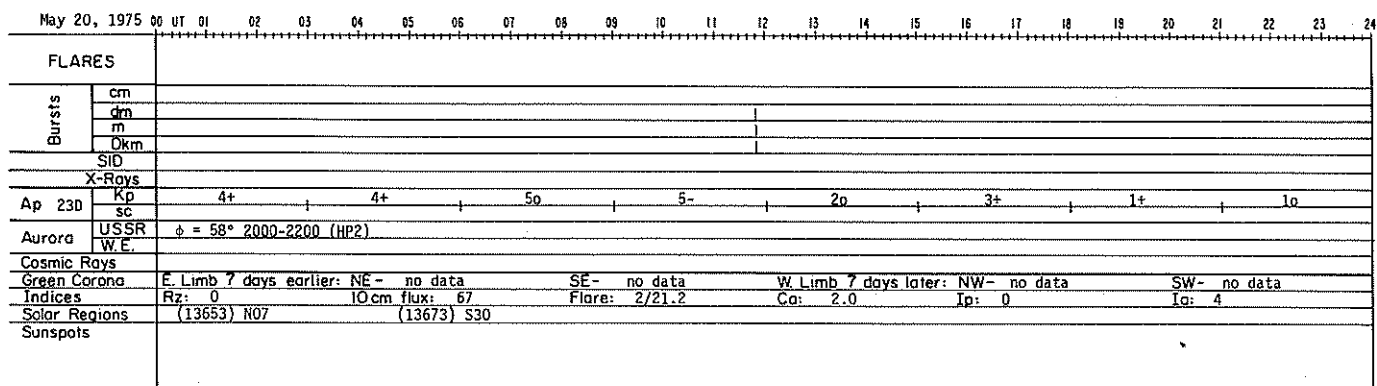
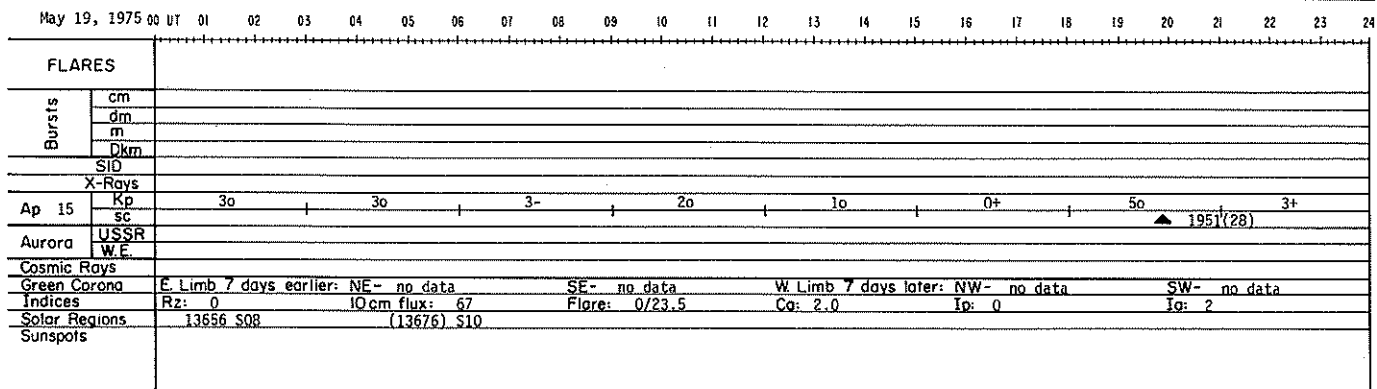
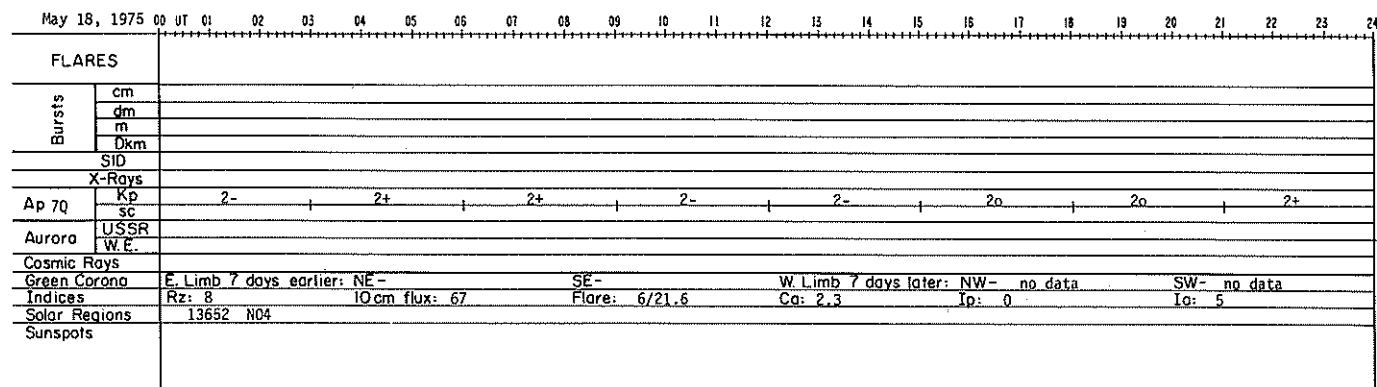
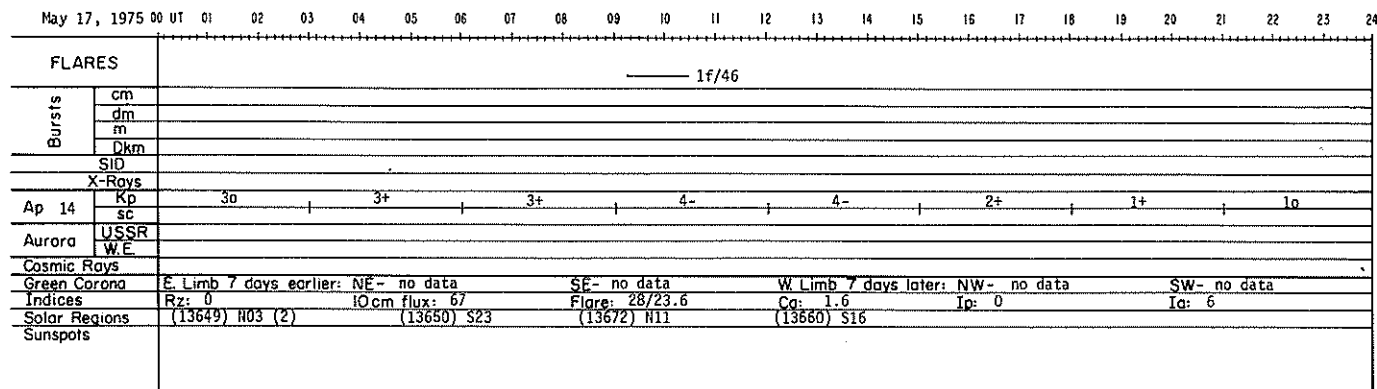
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May 75

		May 13, 1975	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
FLARES																													
Bursts	cm																												
	dm																												
	m																												
	Okm																												
SID																													
X-Rays																													
Ap 6Q	Kp	1-			10				2-				10				10				1+				2+			30	
	sc																												
Aurora	USSR																												
	WE																												
Cosmic Roys																													
Green Corona		E Limb 7 days earlier: NE- no data SE- no data W Limb 7 days later: NW- no data SW- no data																											
Indices		Rz: 0 10cm flux: 68 Flare: 0/24.0 Cg: 2.2 Ip: 0 Ia: 3																											
Solar Regions																													
Sunspots																													

May 14, 1975		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24								
FLARES																																		
Bursts	cm																																	
	dm																																	
	m																																	
	Dkm																																	
SID																																		
X-Rays																																		
Ap 14	Kp	5-				3+					3-					3-					2+													
	sc																																	
Aurora	USSR																																	
	W.E.																																	
Cosmic Rays																																		
Green Corona		E. Limb 7 days earlier: NE-										SE-					W. Limb 7 days later: NW- no data 215°-270°										SW- no data 270°-355°							
Indices		Rz: 7										IO cm flux: 67					Flare: 5/22.9					Ca: 1.4					Ip: 0					Ia: 3		
Solar Regions		(13651) H33																																
Sunspots																																		

		May 15, 1975	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
FLARES																													
Bursts	cm																												
	dm																												
	m																												
	Dkm																												
SID																													
X-Rays																													
Ap 3Qq	Kp	1-		1+			1+			0+			0+			0+			0+			0+			0+				
	sc																												
Aurora	USSR																												
	W.E.																												
Cosmic Rays																													
Green Corona	E Limb 7 days earlier: NE- no data SE- no data W Limb 7 days later: NW- SW-																												
Indices	Rz: 7 10cm flux: 66 Flare: 0/22.6 Ca: 1.8 Ip: 0 Ia: 1																												
Solar Regions	(13657) S25 (13659) S50																												
Sunspots																													

May 16, 1975		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																					
FLARES																																															
Bursts	cm																																														
	dm																																														
	m																																														
	Dkm																																														
SID																																															
X-Rays																																															
Ap 280	Kp	0+			3o			6-			4-			5-			3+			4o			4+																								
	sc	0308(20)																																													
Aurora	USSR																																														
	W.E.																																														
Cosmic Rays																																															
Green Corona	E. Limb 7 days earlier: NE - no data										SE - no data										W. Limb 7 days later: NW - no data										SW - no data																
Indices	Rz: 8	IO cm flux: 67										Flare: 5/24.0										Cg: 1.4										Ip: 0								Ia: 2							
Solar Regions	13646 S06										(13655) N09																																				
Sunspots	(19571) S06 ap																																														



May 25, 1975 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

May 26, 1975 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

May 27, 1975 00 UT 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

May 28, 1975 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

FLARES											
Bursts	cm										
	dm										
	m										
	Dkm										
SID											
X-Rays											
Ap 50Q	Kp	2+	1+	0+	0+	1-	2o	2-	1o		
	sc										
Aurora	USSR										
	W.E.										
Cosmic Rays											
Green Corona	E. Limb 7 days earlier: NE - SE - W Limb 7 days later: NW - no data SW - no data										
Indices	Rz: 13 10 cm flux: 69 Flare: 17/21.8 Ca: 2.5 Ip: 0 Ia: 0										
Solar Regions	(13671) N19 13670 S10 (2) (13696) N13 (13693) N02										
Sunspots											

May 75

May 29, 1975 00 UT		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
FLARES																										
Bursts	cm																									
	dm																									
	m																									
	Dkm																									
SID																										
X-Rays																										
Ap 11	Kp	2+			2o				3+				2+				2-				3-				3-	
	sc																									
Aurora	USSR																									
	W.E.																									
Cosmic Rays																										
Green Corona		E. Limb 7 days earlier: NE- SE- W. Limb 7 days later: NW- no data SW- no data																								
Indices		Rz: 0 IOcm flux: 69 Flare: 0/22.5 Co: 1.9 Ip: 0 Ig: 2																								
Solar Regions		13679 N07 (2) 13688 S14																								
Sunspots		(19574) N17 Bp CMP May 30																								

May 30, 1975																													
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24																													
FLARES																													
Bursts																													
SID																													
X-Rays																													
Ap 6Q	Kp	2- 2+ 2- 2- 1+ 1+ 1+ 2-																											
	sc																												
Aurora	USSR																												
	W.E.																												
Cosmic Rays																													
Green Corona																													
Indices																													
Solar Regions																													
Sunspots																													

May 31, 1975 00 UT		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
FLARES																									
Bursts	cm																								
	dm																								
	m																								
	0km																								
SID																									
X-Rays																									
Ap 4QQ	Kp																								
	sc	1o		1o			0+			0+			1o			1+			1+			1-			1+
Aurora	USSR																								
	W.E.																								
Cosmic Rays																									
Green Corona																									
Indices																									
Solar Regions																									
Sunspots																									

REGIONAL FLARE INDEX

INCLUDES ALL FLARES

MC MATH PLAGE NO.	LAT	CHP DATE	DATE FIRST FLARE	DATE LAST FLARE	FLARE-INDEX SUM	FLARE-INDEX MEAN	TOTAL NO. OF FLARES
13635	S 8	75/05/01.5	75/05/01	75/05/05	22.94	4.59	13
13628	N 2	75/05/02.5	75/04/26	75/04/29	8.31	2.08	5
13634	S12	75/05/05.4	75/04/30	75/05/09	72.46	7.25	13
13646	S 6	75/05/16.2	75/05/09	75/05/17	35.95	3.99	6
13652	N 4	75/05/18.0	75/05/16	75/05/20	13.26	2.65	4
13675	S 9	75/05/24.9	75/05/22	75/05/22	.71	.71	2
13688	S14	75/05/29.6	75/05/28	75/05/28	16.61	16.61	3

Note:

Because of differences in method of calculation, the dates of Central Meridian Passage for the McMath Plage Regions vary somewhat from those given elsewhere. Any region not listed here produced no flares during its disk passage.

MISCELLANEOUS DATA

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Misc
Sep 75

SOLAR RADIO EMISSION SPECTRAL OBSERVATIONS

SEPTEMBER 1975

OCT 1975	TIMES OF OBSERVATION		STATION	EVENTS									SPECTRAL TYPE
	START UT	END UT		DECIMETRIC BAND			METRIC BAND			DEKAMETRIC BAND			
				START UT	END UT	INT	START UT	END UT	INT	START UT	END UT	INT	
01	0000	0730	CULG				0017		1				IIIB
			CULG				0120		1				IIIB
			CULG				0240	0246	1				IIIG
			CULG				0335	0336	1				IIIG,U
			CULG				0357		1				IIIB
			CULG				0426	0434	1				IIIG
			CULG				0451	0452	2	0451	0452		IIIG,V
			CULG				0535		1				IIIB
			CULG				0540		1				IIIB,U
			CULG				0553	0600	1				IIIGG,V
			CULG				0604	0610	1				II
	2032	2400	CULG										
02	0000	0732	CULG				0532.5						IIIB,W
			CULG				0650	0650.5					IIIG,W
	2232	2400	CULG										
03	0000	0732	CULG										
	2032	2400	CULG										
04	0000	0731	CULG										
	2031	2400	CULG										
05	0000	0731	CULG										
	2031	2400	CULG				2031	2400					IIIN,W
			CULG				2056	2057	1				IIIG
06	0000	0731	CULG				0000	0731					IIIN,W
	2031	2400	CULG				2247.5	2248.5	1				IIIG
07	0000	0731	CULG				0607	0607.5					IIIG
			CULG				0643	0643.5					IIIG,W
	2031	2314	CULG										
	2317	2400	CULG				2326.5						IIIB,W
08	0000	0731	CULG				0708	0717					IIIGG
	2031	2400	CULG										
09	0000	0731	CULG				0502						IIIB,W
	2031	2400	CULG										
10	0000	0726	CULG										
	2135	2400	CULG										
11	0000	0729	CULG										
	2029	2400	CULG										
12	0000	0729	CULG										
	2029	2400	CULG										
13	0000	0729	CULG										
	2029	2400	CULG										
14	0000	0728	CULG										
	2028	2127	CULG										
	2150	2400	CULG										
15	0000	0727	CULG										
	2027	2400	CULG										
16	0000	0722	CULG										
	2027	2400	CULG										
17	0000	0727	CULG										
	2026	2400	CULG										
18	0000	0726	CULG										
	2026	2400	CULG										
19	0000	0726	CULG				0541	0542					IIIG,W

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Misc
Sep 75

SELECTED SOLAR EVENTS SEPTEMBER 1975

Culgoora

UT Date 197.5 September	HELIOGRAPH EVENT							Spectral Type	REMARKS
	Start (UT)	End (UT)	Freq. (MHz)	Positions		Polar- ization	Inten- sity (1-3)		
				Central Dist. (R _e)	Position Angle (Deg.)				
1	0335	0338	(160 (80 (43.25	0.9 1.2 1.5	290 290 290		†))))	IIIG	Other similar events during day
18	0305	0306	80	1.2	220			IIIG	

Days without Heliograph observations: ..3.....

† Because of equipment modifications which are in progress, intensity classifications are not available for this month. An indication of intensities can be obtained from the corresponding entries in "Solar Radio Emission - Spectral Observations"

UAG Series of Reports

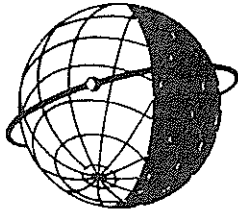
Prepared by World Data Center A for Solar-Terrestrial Physics, NOAA, Boulder, Colorado, U.S.A.

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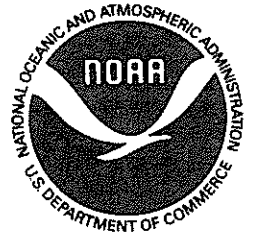
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