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NO. 378 FEBRUARY 1976

Part II (Comprehensive Reports)

DATA FOR
AUGUST 1975
JULY 1975
& MISCELLANEA

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

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SOLAR - GEOPHYSICAL DATA

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No. 378

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H α SOLAR FLARES

AUGUST 1975

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IMPOR- TANCE	OBS.		MEASUREMENTS			REMARKS
	DATE 1975 AUG	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY			COND	TYPE	TIME UT	MEAS. AREA	CORR AREA	
					LAT.	MER. DIST.											
479 PALE	01	0150	0151	0153	N07	E56	.825	13786	5.3	3	-F	2	C		41		DE
GRP62480	01	0253+7	0302+0 0322+0	0330	N05	E55	.817	13786	5.2	37	-F				90	1.6	L
TEHR	01	0253	0322	0400	N06	E57	.836	13786	5.4	67	-N	4	C		88		CE
PALE	01	0300	0302	0306	N07	E54	.805	13786	5.2	6	-F	2	C		33		F
TEHR	01	0300	0322	0330	N05	E56	.926	13786	5.3	300	-F	4	V		90		DE
TACH	01	0321E	0322	0335D	N02	E53	.799	13786	5.1	140	-F		V	0322	106	1.8	EL
MANI	01	0323E	0323U	0326D	N06	E55	.816	13786	5.3	30	-F	2	V	0323	60	1.0	F
GRP62481	01	0420+1	0422+1	0437	N08	W89	1.000	13783	25.5	13	-F				70		U
TEHR	01	0420E	0423U	0431D	N08	W89	1.000	13783	25.5	110	-F	4	V		70		DE U
TEHR	01	0421	0422	0433	N08	W89	1.000	13783	25.5	12	-F	4	C		73		DE U
GRP62482	01	0912+1	0913+1	0916	N08	W68	.924	13777	27.3	4	-F				25		
MEUD	01	0912	0913	0916	N08	W68	.924	13777	27.3	4	-F		C	0913	30		
MONT	01	0913	0914	0916	N08	W69	.930	13777	27.2	3	-F		C	0914	20		
483 HURB	01	0957E	1004	1013D	N03	E57	.838	13786	5.7	160	? F						
IMP.	1	NO	HPR2	MONT2	MEUD2	TEHR1											
484 HURB	01	1035E	1035	1055D	N03	E57	.838	13786	5.7	200	-F						
485 MONT	01	1101	1103	1107	N05	W90	1.000	13783	25.7	6	-F		C	1103	20		
GRP62486	01	1115+4	1117+4	1126	N05	E53	.796	13786	5.4	11	-F						D
HURB	01	1115E	1117	1129D	N05	E54	.806	13786	5.5	140	-N						D
MONT	01	1119	1121	1123	N06	E52	.785	13786	5.4	4	-F		C	1121	40		
GRP62487	01	1542+2	1545+2	1552	N05	E52	.785	13786	5.6	10	-F				30	.5	L
BOUL	01	1542	1547	1559	N06	E52	.785	13786	5.6	17	-F	2	C	1547	21	.4	
HPR	01	1543	1545	1551	N05	E53	.796	13786	5.6	8	-F		C	1546	20	.3	E
MCMA	01	1544	1545	1546	N05	E53	.796	13786	5.6	5	-F		C	1545	40	.7	DL
MEUD	01	1544	1545	1550	N04	E52	.786	13786	5.6	6	-F		C	1545	40	.6	
RAMY	01	1545E	1547U	1556	N06	E52	.785	13786	5.6	110	-F	3	C		45		DE
488 MCMA	01	1627	1631	1657	N06	E48	.740	13786	5.3	30	-F		C	1631	40	.6	E
489 RAMY	01	1950	1953	2012	N09	E46	.716	13786	5.3	22	-F	3	C		36		DE
490 RAMY	01	2053	2100U	2145	N09	E90	1.000	13790	8.6	52	-N	3	C		126		DE
491 PALE	01	2252	2254	2257	N07	W75	.963	13777	27.3	5	-F	3	C		15		DE
492 PALE	01	2303	2320	2339	N06	E44	.692	13786	5.3	36	-F	3	C		50		DE
GRP62493	01	2357	0011+6	0044	N05	E44	.692	13786	5.3	47	-F				80	1.1	
MANI	02	0005E	0005U	0014D	N07	E48	.740	13786	5.6	90	-N	2	V	0005	60	.9	
MANI	02	0005E	0005U	0014D	N04	E44	.693	13786	5.3	90	-N	2	V	0005	40	.6	
PALE	02	0011	0017	0030	N06	E44	.692	13786	5.3	19	-F	3	C		70		DE
MITK	01	2357	2411	0057	N04	E43	.680	13786	5.2	60	-F		C	2411	60	.8	
494 MITK	02	0101	0103	0117	N10	E90	1.000	13790	8.8	16	? N		C	0103	60		G
IMP.	1	NO	PALE2														
495 MITK	02	0159	0202	0210	N09	E90	1.000	13790	8.8	11	? N		C	0202	90		GH
IMP.	1	NO	PAL E2	CUL G1													
496 MITK	02	0411	0411	0420	N10	E90	1.000	13790	8.9	9	-N		C	0411	50		CG
GRP62497	02	0738+0	0739+0	0800	N09	E90	1.000	13790	9.1	22	-B				30		
TEHR	02	0738E	0739U	0800D	N09	E90	1.000	13790	9.1	220	-B	4	V		30		DE
TEHR	02	0738	0739	0800	N09	E90	1.000	13790	9.1	22	-B	4	C		30		DE
GRP62498	02	0913+4	0917	0946	N06	E37	.599	13786	5.2	33	-N				90	1.1	EUZ
			0924+5														
TEHR	02	0913	0929	0957D	N07	E36	.585	13786	5.1	440	-B	4	C		133		DE Z
TEHR	02	0915E	0923U	0957D	N07	E36	.585	13786	5.1	420	-B	4	V		130		DE Z
HPR	02	0915	0917	0942	N03	E37	.602	13786	5.2	27	-N		C	0917	20	.2	
KHAR	02	0916E	0933	0946C	N07	E39	.626	13786	5.3	300	1F		P	0938	165	2.2	E
MONT	02	0917	0925	0934	N05	E38	.613	13786	5.2	17	-N		C	0925	80		E
HPR	02	0919	0922	0945	N06	E38	.613	13786	5.2	26	-F		C	0922	20	.2	
HPR	02	0920	0927	0950	N03	E39	.629	13786	5.3	30	-F		C	0927	10	.1	Z
ARCE	02	0922E	0935	0935	N05	E36	.586	13786	5.1	130	-N		P	0925	83	1.1	
ATHN	02	0924E	0924U	0942	N05	E35	.571	13786	5.0	180	-E	2	C		64		Z U

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H α SOLAR FLARES

AUGUST 1975.

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN	IMPOR- TANCE	OBS.		MEASUREMENTS			REMARKS
	DATE 1975 AUG	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	GCMATH PLAGE REGION	CNR DAY			COND	TYPE	TIME UT	MEAS. AREA Mill. of Disk	CORR AREA Sq. Deg.	
					LAT.	MER. DIST.											
GRP62514	02	2104+2	2107	212E	N07	E89	1.000	13790	9.6	22	-F						
HUAN	02	2104		211E	N07	E88	.999	13790	9.5	12	-F						
BOUL	02	2106	2107	213E	N07	E90	1.000	13790	9.6	29	-N	1	C	2107	21	.9	
515 HUAN	02	2124	2125	212E	N06	E34	.556	13786	5.4	2	-F	1	C	2125	25	.3	D
516 HUAN	02	2137	2138	2144	N06	E34	.556	13786	5.5	7	-F	1	C	2138	20	.2	D
517 PALE	02	2218	2221	222E	N06	E32	.527	13786	5.3	10	-B	3	C		108		
519 PALE	03	0042	0045	0052D	N06	E30	.497	13786	5.3	100	-F	3	C		41		DE
GRP62519	03	0322+3	0354+2	0458	N06	E28	.467	13786	5.2	96	1B				250	2.8	KUZ
MITK	03	0322	0335	045E	N06	E28	.467	13786	5.2	94	1B		C	0335	380	4.4	FUZ
PALE	03	0325	0345	042ED	N06	E28	.467	13786	5.2	610	1B	3	C		326		U F
TEHR	03	0325E	0338	0455D	N07	E30	.497	13786	5.4	900	1B	4	C		240		U Z
TACH	03	0340E	0354	043E	N06	E26	.436	13786	5.1	520	2N		V	0355	796	8.9	
TACH	03	0340E	0347	043E	N06	E26	.436	13786	5.1	520	2N		V	0347	619	7.1	EK
ATHN	03	0350E	0414	0518D	N05	E27	.452	13786	5.2	880	1B	2	V		224		Z U
ATHN	03	0350E	0414	0518D	N05	E27	.452	13786	5.2	880	1B	2	C		224		Z U
ATHN	03	0350E	0356	0518D	N05	E27	.452	13786	5.2	880	-B	2	C		160		Z U
ATHN	03	0350E	0355	0518D	N05	E27	.452	13786	5.2	880	-B	2	V		160		Z U
KODA	03	0410E	0415	0448D	N07	E30	.497	13786	5.4	380	1B		F	0410	215	2.2	E
MANI	03	0413E	0413U	045ED	N06	E28	.467	13786	5.3	420	1B	2	P	0413	350	4.1	ZU
GRP62520	03	0415	0422	0439	N08	E84	.993	13790	9.5	24	-B						D
MANI	03	0415	0422	0429+1	N08	E84	.993	13790	9.5	24	-B	3	C	0422	10	.3	
TEHR	03	0426E	0423	0442	N09	E85	.995	13790	9.6	160	-B	4	C		24		DE
KODA	03	0428E	0430	0435	N08	E85	.995	13790	9.6	70	-B		V	0428			D
GRP62521	03	0441	0444+4	0454	N10	E84	.993	13790	9.5	13	-N				50		D
MITK	03	0441	0444	0446	N11	E85	.994	13790	9.6	5	-F		C	0444	60		D
MANI	03	0445E	0443	0455	N10	E84	.993	13790	9.5	100	-N	3	P	0448	50	1.4	
MITK	03	0446	0449	0452	N11	E85	.994	13790	9.6	6	-N		C	0449	60		D
GRP62522	03	0534+1	0539+2	0552	N08	E85	.995	13790	9.6	18	-B				30		D
TEHR	03	0534E	0541	0549	N08	E84	.993	13790	9.5	150	-B	4	C		24		DE
TEHR	03	0534E	0541	0549	N08	E84	.993	13790	9.5	150	-N	4	V		24		DE
MANI	03	0535	0541	0552	N08	E85	.995	13790	9.6	17	-N	3	C	0541	50	1.5	
ATHN	03	0539E	0539U	0554	N07	E85	.995	13790	9.6	150	-B	4	C		32		DE
MITK	03	0542		0554	N10	E85	.995	13790	9.6	12	-B		P	0542	60		D
523 CATA	03	0610E	0625	0655	N06	E28	.467	13786	5.4	450	-N	3		0625	84	1.0	
GRP62524	03	0635+5	0637+0	0705	N06	E84	.993	13790	9.6	30	-B				40		
TEHR	03	0635E	0637	0705	N06	E86	.997	13790	9.7	300	-B	4	V		36		DE
TEHR	03	0635E	0637	0705	N06	E86	.997	13790	9.7	300	-B	4	C		36		DE
CATA	03	0640	0645	0705	N05	E80	.983	13790	9.3	25	1N	3		0645	56		
GRP62525	03	0746+4	0748+2	0817	N06	E24	.405	13786	5.1	31	-N				120	1.3	FJKU
ABST	03	0746	0756	0755	N09	E24	.407	13786	5.1	9	-N		C	0748	140	1.5	EJK
MEUD	03	0747	0748	0755	N07	E23	.389	13786	5.0	8	-N		C	0748	80	.9	
ATHN	03	0747E	0749	0858	N05	E25	.421	13786	5.2	710	-N	4	V		144		U F
ATHN	03	0747E	0748	083E	N05	E25	.421	13786	5.2	510	-N	4	C		144		U F
CATA	03	0750	0750	0805	N06	E22	.373	13786	5.0	15	-N	1		0750	84	.9	
TEHR	03	0752E	0755	0838D	N07	E23	.389	13786	5.1	460	-N	4	C		30		F
ARCE	03	0800E		0810D	N05	E24	.405	13786	5.1	100	-N		P	0800	67	.7	B
526 TEHR	03	0756E	0802	0833D	N09	E83	.991	13790	9.6	370	-B	4	C		24		DE U
GRP62527	03	0835+9	0847+7	0905	N07	E83	.991	13790	9.6	30	-N				50		D
ARCE	03	0835	0854	0910	N08	E82	.988	13790	9.5	35	-N		C	0854	38		
CATA	03	0840	0850	0900D	N06	E83	.991	13790	9.6	200	1N	1		0850	112		
TEHR	03	0845E	0847U	0934	N07	E84	.993	13790	9.7	490	-B	4	C		45		DE
MEUD	03	0846	0850	0858	N08	E80	.983	13790	9.4	12	-N		V	0850	60		DE
ATHN	03	0847E	0847D	0847D	N07	E84	.993	13790	9.7		-B	4	V		48		DE
KHAR	03	0847E	0847	0858D	N08	E83	.991	13790	9.6	110	1F		P				D
528 ATHN	03	0851	0858U	0927	N05	E26	.437	13790	5.3	36	-N	4	C		96		U
529 TEHR	03	0914E	0919U	0934D	N08	E83	.991	13790	9.6	200	-B	4	C		38		DE

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	DATE 1975 AUG	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	MCARTH PLAGE REGION			CMP DAY	COND	TYPE	TIME UT	MEAS. AREA Mill. of Disk		CORR AREA Sq. Deg.
					LAT.	MER. DIST.											
GRP62530	03	0950+1	0953+9	1015	N08	E82	.988	13790	9.6	25	-B						
ATHN	03	0950	0953	1010	N08	E82	.988	13790	9.6	20	-B	4	C		60		
ATHN	03	0950	0953	1010	N08	E82	.988	13790	9.6	20	-B	4	V		64	F	
MEUD	03	0951	1000	1014	N09	E80	.982	13790	9.4	23	1N		C	1000	80		
TEHP	03	0951E	1004	10180	N07	E83	.991	13790	9.6	27D	-B	4	C		53	CE	
TEHR	03	0951E	100-	10180	N07	E83	.991	13790	9.6	27D	-B	4	V		53	DE	
KHAR	03	0953E	0958	1016D	N09	E81	.985	13790	9.5	23D	1N		C			E	
ARCE	03	0955E		1000D	N06	E82	.988	13790	9.6	5D	-B		P	0955	64		
GRP62531	03	1217+3	1220+5	1229	N09	E79	.979	13790	9.4	12	-N				70	C	
TEHR	03	1217	1220	1228D	N10	E79	.979	13790	9.4	11D	-N	4	V		71	DE	
TEHR	03	1217	1220	1228D	N10	E79	.979	13790	9.4	11D	-N	4	C		71	DE	
RAMY	03	1218E	1220	1228	N10	E78	.975	13790	9.4	10D	-N	4	V		64	DE	
RAMY	03	1218	1220	1228	N10	E80	.982	13790	9.5	10	-N	4	C		45	DE	
MEUD	03	1219	1220	1228	N08	E78	.976	13790	9.4	9	1N		C	1220	80		
CATA	03	1220	1225	1230D	N07	E80	.983	13790	9.5	10D	1B	3		1225	84		
KHAR	03	1220E	1220	1240D	N07	E80	.983	13790	9.5	20D	1N		C			D	
GRP62532	03	1306E	1307+4	1318D	N06	E24	.405	13786	5.3	12	-F				50	F	
ATHN	03	1306E	1307U	1311D	N05	E24	.405	13786	5.3	5D	-N	3	C		64	F	
RAMY	03	1310E	1311	1318D	N08	E25	.421	13786	5.4	8D	-F	4	V		48		
533 HUAN	03	1353	1354	1403	N08	E79	.979	13790	9.5	10	-N	1	C	1354	25	D	
534 HUAN	03	1420	1425	1432	N07	E85	.995	13790	10.0	12	-N	1	C	1425	30		
535 HUAN	03	1440	1443	1448	N08	E79	.979	13790	9.5	8	-F	1	C	1443	25	D	
536 HUAN	03	1524		1533	N07	E79	.980	13790	9.6	9	-F	1	C	1524	25	D	
GRP62537	03	1545+2	1552+2	1604	N05	E76	.969	13790	9.4	19	-F				45	D	
HUAN	03	1545	1554	1602	N05	E78	.977	13790	9.5	17	-N	1	C	1554	25	D	
MEUD	03	1547	1552	1605	N06	E75	.964	13790	9.3	18	-F		C	1552	60		
GRP62538	03	1614		1614	N06	E23	.389	13786	5.4	10	-F					E	
HUAN	03	1614		1613	N06	E24	.405	13786	5.5	9	-F	1	C				
MCMA	03	1613E		1614D	N06	E23	.389	13786	5.4	1D	-N		P	1613	40	.5	
533 HUAN	03	1619		1634	N08	E77	.972	13790	9.5	15	-F	1	C	1626	25	D	
540 HUAN	03	1654		1703	N08	E80	.983	13790	9.7	9	-F	1	C				
541 SOUL	03	1810	1813	1816	N10	E79	.979	13790	9.7	6	-F	1	C	1813	10	.4	
GRP62542	03	1821	1833	1837	N08	E77	.972	13790	9.5	16	-F						
HUAN	03	1821		1837	N08	E80	.983	13790	9.8	16	-F	1	C				
PALE	03	1832E	1833	1836	N08	E74	.958	13790	9.3	4D	-F	2	C		56	DE	
GRP62543	03	1833+3		1946	N06	E23	.389	13786	5.5	73	-N					E	
MCMA	03	1833E		1848D	N06	E23	.389	13786	5.5	15D	-N		C	1842	80	.9	
HUAN	03	1836		1946	N07	E24	.405	13786	5.6	70	-N	1	C	1850	90	1.0	
GRP62544	03	1949	2008	2058D	N06	E22	.373	13786	5.5	69	-N						
HUAN	03	1949		2058D	N07	E25	.420	13786	5.7	69D	1N	1	P				
PALE	03	2003E	2008U	2009D	N06	E20	.340	13786	5.3	6D	-F	2	C		92	DE	
GRP62545	03	1955+9	2011	2017	N08	E76	.968	13790	9.5	22	-F						
HUAN	03	1955		2019	N08	E79	.979	13790	9.8	24	-F	1	C	2000	30		
PALE	03	2007	2011	2014	N08	E73	.953	13790	9.3	7	-F	2	C		42	DE	
	03	2100	2235	NO FLARE PATROL													
546 PALE	03	2110E	2121	2121	N06	E19	.324	13786	5.3	11D	-F	2	C		42	DE	
547 PALE	03	2112	2113	2125	N08	E73	.953	13790	9.4	13	-F	2	C		55	DE	
548 PALE	03	2209	2210	2215	N08	E74	.958	13790	9.5	6	-F	2	C		44		
	03	2332	2333	NO FLARE PATROL													
549 PALE	04	0049	0050	0051	N08	E71	.942	13790	9.4	2	-N	2	C		35		
550 TACH	04	0345E		0420D	N05	E11	.191	13736	5.0	35D	-N		V	0346	88	.9	
551 MITK	04	0446	0450	0459	N10	E71	.942	13790	9.5	13	-F		C	0450	60	1.4	
552 ZURI	04	0642E	0643	0657	N10	E68	.923	13790	9.4	15D	-N		F	0643	71		

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	DATE 1975 AUG	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	MCNATH FLARE REGION	CNR DAY			COND	TYPE	TIME UT	MEAS. AREA Mill. of Disk	CORR AREA Sq. Deg.	
					LAT.	MER. DIST.											
GRP62553 ZURI CATA	04 04 04	0659+1 0659 0700	0720+1 0721 0720	073E 073E 073FD	N13 N15 N12	E68 E68 E69	.922 .922 .929	13790 13790 13790	9.4 9.4 9.5	36 36 35D	-F -F 1F	1 C C	0721 0720	60 196			
GRP62554 MONT TEHR TEHR ATHN ATHN KHAR	04 04 04 04 04 04 04	0908+4 0908 0910E 0910E 0910 0910 0912	0911+2 0913 0912 0912 0911 0911 0912	0919 0921 0914 0914 0921 0921 092FD	N07 N10 N06 N06 N07 N07 N09	E68 E68 E70 E70 E68 E68 E67	.924 .923 .937 .937 .924 .924 .916	13790 13790 13790 13790 13790 13790 13790	9.5 9.5 9.6 9.6 9.5 9.5 9.4	11 13 4D 4D 11 11 14D	-N -F -F -F -B -B 1F	4 C V C V C P	0913 0912	60 20 80 80 48 46 60		D D DE DE DE DE D	
GRP62555 TEHR RANY ATHN TEHR	04 04 04 04 04	1044+1 1044 1045E 1045 1045E	1047+2 1047 1047 1049 1047	1058 1058 1103 1057 1053	N06 N08 N06 N04 N08	E09 E09 E10 E07 E09	.156 .159 .173 .126 .159	13786 13786 13786 13786 13786	5.1 5.1 5.2 5.0 5.1	14 14 18D 12 8D	-F -F -F -F -F	4 C V C V		70 70 48 64 110	.7	U U FDE F U	
GRP62556 TEHR MCMA ATHN KHAR RANY TEHR	04 04 04 04 04 04 04	1127+1 1127 1128E 1128 1130E 1132E 1132	1130+6 1134 1223 1148 1200D 1133U 1136	1150 1145 1223 1148 1200D 1148 1142	N06 N08 N05 N04 N05 N06 N08	E08 E09 E08 E06 E07 E10 E09	.138 .159 .140 .110 .122 .173 .159	13786 13786 13786 13786 13786 13786 13786	5.1 5.2 5.1 4.9 5.0 5.2 5.2	23 18 55D 20 30D 16D 10	-F -F -B -N -F -F -F	4 C P C C V V	1139 1130	80 25 32 110 46 160	.3 1.1	U U D F E FDE U	
GRP62557 TEHR ZURI CATA MCMA ZURI HUAN	04 04 04 04 04 04 04	1207+9 1212 1222+4 1222 1212 1215 1221 1222 1226E	1212 1222 1222 1222 1225 1231 1225 1225 1228	1230 1231 121E 1235 1231 1235 122E 1228	N03 N05 N03 N03 N03 N03 N03 N03	E11 E16 E10 E10 E10 E10 E10 E11	.197 .275 .181 .181 .181 .181 .181 .197	13786 13786 13786 13786 13786 13786 13786 13786	5.3 5.7 5.3 5.3 5.3 5.3 5.3 5.3	23 24 4 20 10 6 2D	-N -F -F -B -B -B -N	1 C C 3 C C C 1	1212 1225 1225 1226	90 120 92 84 100 65	.9 1.0 .9 1.0 .7	CHV H DHV	
GRP62558 MCMA ZURI	04 04 04	1214+0 1214E 1225	1225 121E 124E	124E 121E 124E	S05 S05 S05	E17 E13 E16	.346 .359 .332		5.8 5.9 5.7	32 2D 32	-F -F -F	P C	1216 1226	35 71	.4 .8	D D	
559 HUAN	04	1254	1258	1258	N03	E12	.213	13786	5.4	4	-F	1	C				
GRP62560 HUAN CATA BOUL ZURI HUAN	04 04 04 04 04 04	1446+4 1446 1450 1501 1502 1505	1505+2 1451 1530 1515 1510 1508	1513 1451 1530 1515 1510 1508	N02 N03 N02 N02 N03 N03	E08 E10 E08 E08 E08 E08	.155 .181 .155 .155 .148 .148	13786 13786 13786 13786 13786 13786	5.2 5.4 5.2 5.2 5.2 5.2	27 5 40 14 8 3	-F -F -N -F -F -F	1 C 3 C C C 1	1505 1506 1506 1507	45 56 32 61 25	.5 .6 .3 .6 .3	D	
GRP62561 MCMA HUAN	04 04 04	1612+1 1612 1613	1613 161E 161E	1617 161E 161E	N07 N07 N07	E67 E67 E67	.917 .917 .917	13790 13790 13790	9.7 9.7 9.7	5 4 5	-F -N -F	1 C C	1613	30	.8	E E E	
562 MCMA	04	1743	1743	1748	N07	E12	.207	13786	5.6	5	-F	1	C	1743	40	.4	E
GRP62563 MCMA HUAN	04 04 04	1833+1 1833E 1834	1835+1 1835 1836	1850 1856 1844	N07 N08 N07	E67 E66 E68	.917 .910 .924	13790 13790 13790	9.8 9.7 9.9	17 23D 10	-N -N -N	1 C C	1835 1836	40 40 35	1.0	D D	
564 HUAN	04	1904	1905	1909	N09	E62	.879	13790	9.4	5	-F	1	C	1905	20	.4	D
565 HUAN	04	1953		2000	N03	E07	.132	13786	5.4	7	-F	1	C	1954	25	.3	D
566 HUAN	04	2011	2013	2023	N03	E06	.116	13786	5.3	12	-F	1	C	2013	25	.3	D
GRP62567 PALE MITK	04 04 04	2302E 2302E 2306	2315+1 2315U 2315	2320D 2320D 2320	N12 N12 N12	E65 E63 E68	.901 .886 .922	13790 13790 13790	9.8 9.7 10.1	18 18D 14	-N -F 1E	2 C P	2315	30 110		DE	
	05 05	0012 0100	0013 0104	NO FLARE NO FLARE	NO FLARE NO FLARE	PATROL PATROL											
GRP62568 PALE MITK	05 05 05	0150+1 0150 0151	0151+0 0151 0151	0206 020E 0202	N08 N09 N08	E57 E58 E56	.835 .844 .825	13790 13790 13790	9.4 9.4 9.3	16 16 11	-N -N -B	3 C C	0151	70 64 80	1.3 1.5	E DE E	

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IMPOR-TANCE	OBS.		MEASUREMENTS			REMARKS		
	DATE 1975 AUG	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	McMATH PLAGE REGION	CNR DAY			COND.	TYPE	TIME UT	MEAS. AREA Mill. of Disk	CORR AREA Sq. Deg.			
					LAT.	MER. DIST.													
GRP62569	05	0740+8	0752+1	0807	N06	E03	.052	13786	5.5	27	-N							E	
BUCA	05	0740		0810	N06	E04	.069	13786	5.6	30	-N							E	
ATHN	05	0747	0752	0803	N06	E03	.052	13786	5.5	16	-F	4	V	0755	48			F	
ATHN	05	0747	0752	0803	N06	E03	.052	13786	5.5	16	-F	4	C		48			F	
ATHN	05	0748	0752	0803	N05	W01	.025	13786	5.3	15	-F	4	V		48			DE	
ATHN	05	0748	0752	0803	N05	W01	.025	13786	5.3	15	-F	4	C		48			DE	
ATHN	05	0748	0752	0803	N07	E09	.156	13786	6.0	15	-F	4	V		32			DE	
HTPR	05	0748	0753	0805	N07	E02	.039	13786	5.5	17	-N		C	0756	40	.4		C	
ATHN	05	0748	0752	0803	N07	E09	.156	13786	6.0	15	-F	4	C		32			C	
HTPR	05	0749	0753	0805	N06	W01	.017	13786	5.3	16	-N		C	0753	40	.4		DE	
MONT	05	0752E	0752	0807	N07	E03	.055	13786	5.6	15D	-N		C	0752	80			E	
HTPR	05	0754	0758	0810	N07	E08	.139	13786	5.9	16	-F		C	0758	30	.3		C	
570 CATA	05	0855	0900	0900D	N05	E57	.836	13790	9.6	5D	-N	3		0900	28	.5			
571 HURB	05	1032E	1036	1040D	N10	E60	.861	13790	9.9	14D	-N								
572 HURB	05	1113E	1117	1123D	N05	W02	.039	13786	5.3	10D	-F								
GRP62573	05	1239E	1241+0	1247	N10	E53	.794	13790	9.5	8	-F				40	.7			
TEHR	05	1239E	1241	1247	N10	E53	.794	13790	9.5	30	-F	4	C		40			DE	
TEHR	05	1239E	1241	1247	N10	E53	.794	13790	9.5	30	-F	4	V		40			DE	
GRP62574	05	1456+9	1502+3	1513	N05	E48	.740	13790	9.2	17	-F				50	.7			
HUAN	05	1456	1502	1512	N05	E47	.729	13790	9.1	16	-F	1	C	1502	30	.4		E	
ATHN	05	1459	1502	1500D	N09	E47	.727	13790	9.1	7D	-F	2	V		64			F	
MEUD	05	1501	1505	1513	N05	E48	.740	13790	9.2	12	-F		C	1505	70	1.0			
CATA	05	1505	1505	1510D	N02	E50	.766	13790	9.4	5D	-N	1		1505	28	.4			
575 HUAN	05	1907	1908	1925	N05	W04	.072	13786	5.5	18	-F	1	C	1908	40	.4		E	
GRP62576	05	1949+9	2021	2047	N06	W03	.052	13786	5.6	56	-N				120	1.2			
HUAN	05	1949E		2050D	N06	W02	.035	13786	5.7	70D	-N	1	P	2024	110	1.1		E	
PALE	05	2019	2021	2035	N06	W05	.097	13786	5.5	16	-N	3	C		133			F	
	05	2059	2103	NO FLARE PATROL															
	05	2305	2307	NO FLARE PATROL															
577 HTPR	06	0618	0618	0625	N05	W15	.258	13786	5.1	7	-F		C	0618	30	.3			
GRP62578	06	0624+0	0626+0	0631	N10	W04	.097	13786	6.0	7	-F				30	.3		R	
ATHN	06	0624	0626	0631	N10	W04	.097	13786	6.0	7	-F	4	V		32			DE	
ATHN	06	0624	0626	0631	N10	W04	.097	13786	6.0	7	-F	4	C		32			R	
GRP62579	06	0630+9	0632+3	0650	N05	W15	.258	13786	5.1	20	-F				50	.5		DJ	
UPIC	06	0630	0635	0645	N05	W15	.258	13786	5.1	15	-F		P	0635	61				
HTPR	06	0631	0632	0637	N05	W15	.258	13786	5.1	6	-F		C	0632	30	.3			
CATA	06	0635	0635	0645D	N05	W14	.242	13786	5.2	10D	-N	3			56	.6			
ABST	06	0640	0641	0652	N04	W15	.260	13786	5.2	12	-F		C	0641	70	.7		DJ	
HTPR	06	0640	0641	0650	N05	W15	.258	13786	5.2	10	-N		C	0641	20	.2			
580 HTPR	06	0702	0703	0710	N05	W15	.258	13786	5.2	8	-F		C	0703	70	.7			
GRP62581	06	0733	0739+5	0751	N04	W15	.260	13786	5.2	18	-F				20	.2		D	
HTPR	06	0733	0744	0810	N03	W12	.214	13786	5.4	37	-F		C	0744	20	.2		D	
ATHN	06	0738E	0739U	0751	N05	W17	.292	13786	5.0	13D	-F	3	V		16			DE	
ATHN	06	0738E	0739U	0751	N05	W17	.292	13786	5.0	13D	-F	3	C		16			DE	
GRP62582	06	0802+0	0803+1	0814	N04	W15	.260	13786	5.2	12	-F				20	.2		D	
HTPR	06	0802	0804	0820	N05	W16	.275	13786	5.1	18	-F		C	0804	20	.2		D	
MONT	06	0802	0803	0807	N04	W15	.260	13786	5.2	5	-F		C	0803	20			D	
GRP62583	06	0840	0841+1	0848D	N05	W14	.242	13786	5.3	8	-F							D	
HTPR	06	0840	0842	0840D	N05	W16	.275	13786	5.2	8D	-F		C	0842	20	.2		D	
HURB	06	0841E	0841	0845D	N05	W12	.208	13786	5.5	4D	-F								
GRP62584	06	0851+5	0905+0	0915D	N04	W15	.260	13786	5.2	24	-N							E	
HURB	06	0851E	0905	0900D	N04	W15	.260	13786	5.2	17D	-N							T	
ARCE	06	0856	0905	0915D	N05	W15	.258	13786	5.2	19D	-N		C	0905	35	.4		C	
MONT	06	0857E	0857	0900D	N04	W16	.277	13786	5.2	3D	-F		C	0857	20			C	
585 HURB	06	0857E	0902	0904D	N07	E47	.728	13790	9.9	7D	-F								

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	DATE 1975 AUG	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	McMATH PLAGE REGION	CMP DAY			COND.	TYPE	TIME UT	MEAS. AREA Mill. of Disk	CORR AREA Sq. Deg.	
					LAT.	NER DIST.											
GRP62586	06	0935+9	0945+4	0957	N05	W16	.275	13786	5.2	22	-N						HU
HURB	06	0935E	0945	1005E	N03	W16	.280	13786	5.2	30D	1N						H
ARCE	06	0935	0945	0956	N05	W15	.258	13786	5.3	21	-B		0946	86	.9		
CATA	06	0940	0945	0945D	N05	W16	.275	13786	5.2	5D	-B	3	0945	84	.9		F
ATHN	06	0940E	0945U	0955F	N07	W17	.291	13786	5.1	18D	-N	2		48			U
HTPR	06	0944	0948	0955	N06	W16	.274	13786	5.2	11	-N		0948	70	.7		DE
TEHR	06	0947E	0949U	1000E	N05	W13	.225	13786	5.4	13D	-B	4		24			
MEUD	06	0948	0949	0952	N05	W17	.292	13786	5.1	4	-F		0949	30	.3		
GRP62587	06	1010+2	1011+2	1017	N05	W16	.275	13786	5.2	7	-F			40	.4		
HTPR	06	1010	1011	1015	N06	W16	.274	13786	5.2	5	-F		1011	50	.5		
MEUD	06	1012	1013	1018	N05	W17	.292	13786	5.2	6	-F		1013	30	.3		
GRP62588	06	1017	1027+4	1100	N06	W14	.241	13786	5.4	43	-N						D
HTPR	06	1017	1027	1100	N07	W14	.241	13786	5.4	43	-N		1027	20	.2		D
HURB	06	1027E	1031	1055D	N05	W14	.242	13786	5.4	28D	1N						
589 HURB	06	1034E	1040	1054D	N08	E45	.703	13790	9.3	20D	-N						
GRP62590	06	1135	1141	1220	N05	W16	.275	13786	5.3	45	-N						K
HTPR	06	1135	1204	1220	N05	W18	.308	13786	5.1	45	-N		1204	40	.4		K
HTPR	06	1135	1141	1220	N06	W18	.307	13786	5.1	45	-F		1141	40	.4		K
HURB	06	1210E	1210	1220D	N05	W14	.242	13786	5.5	10D	-N						
GRP62591	06	1229+2	1230+4	1241	N05	W18	.308	13786	5.2	12	-N			50	.5		
ZURI	06	1229	1231	1239	N04	W18	.310	13786	5.2	10	-N		1231	92	1.0		
HTPR	06	1229	1230	1241D	N05	W18	.308	13786	5.2	12D	-F		1230	25	.3		
RAMY	06	1229E	1233	1241	N06	W19	.324	13786	5.1	12D	-N	3		54			DE
RAMY	06	1230E	1234U	1241	N05	W18	.308	13786	5.2	11D	-N	3		72			DE
RAMY	06	1230E	1234U	1241	N05	W18	.308	13786	5.2	11D	-N	3		72			CE
TEHR	06	1231E	1232U	1420C	N06	W15	.257	13786	5.4	109D	-B	3		30			DE
MEUD	06	1231	1233	1240	N05	W18	.308	13786	5.2	9	-F		1233	40	.4		
GRP62592	06	1247+9	1303+2	1319	N05	W18	.308	13786	5.2	32	-N			60	.6		EH
ZURI	06	1247	1305	1319	N07	W18	.307	13786	5.2	32	-N		1305	82	.9		
RAMY	06	1256	1303U	1319	N04	W18	.310	13786	5.2	23	-N	3		54			DE H
RAMY	06	1259E	1303U	1319	N06	W20	.340	13786	5.0	20D	-N	3		45			DE H
HUAN	06	1307E	1319	1319	N05	W18	.308	13786	5.2	12D	-F	1	1310	65	.7		E
GRP62593	06	1350E	1355+0	1418	N05	W19	.325	13786	5.2	28	-F			40	.4		
RAMY	06	1350E	1355U	1401D	N06	W20	.340	13786	5.1	11D	-F	3		36			DE
RAMY	06	1350E	1355U	1409	N04	W19	.326	13786	5.2	19D	-F	3		36			DE
HUAN	06	1407	1426	1426	N05	W18	.308	13786	5.2	19	-F	1	1408	30	.3		
594 HUAN	06	1518	1526	1526	N05	W19	.325	13786	5.2	8	-F	1					
GRP62595	06	1533+8	1555	1558	N04	W19	.326	13786	5.2	20	-F						E
HUAN	06	1538	1550	1550	N05	W20	.341	13786	5.2	12	-F	1					E
WEND	06	1546	1600	1600	N04	W19	.326	13786	5.2	14	-N						
HUAN	06	1553	1555	1556	N05	W20	.341	13786	5.2	3	-F	1	1555	30	.3		
596 HUAN	06	1627	1634	1634	N05	W22	.373	13786	5.0	7	-F	1					D
GRP62597	06	1640+6	1648+0	172E	N05	W17	.292	13786	5.4	46	-N			80	.9		E
HUAN	06	1640	1702+3	1733	N06	W16	.274	13786	5.5	53	-N	1	1702	45	.5		
HUAN	06	1644	1648	1652	N05	W20	.341	13786	5.2	8	-N	1	1648	70	.8		
MEUD	06	1646	1648	1653	N05	W20	.341	13786	5.2	7	-F		1648	100	1.1		
MEUD	06	1657	1702	1715	N06	W15	.257	13786	5.6	18	-F		1702	40	.4		
PALE	06	1704E	1705U	1738	N06	W17	.291	13786	5.4	34D	-N			25			DE
RAMY	06	1710E	1714U	1724	N04	W16	.277	13786	5.5	14D	-F	3		54			DE
MCMA	06	1719E	1720D	1720D	N06	W16	.274	13786	5.5	10	-N		1719	40	.4		ET
GRP62598	06	1815+5	1813	1916	N05	W21	.357	13786	5.2	61	-N			80	.9		
PALE	06	1815	1813	1822	N04	W20	.343	13786	5.3	7	-F	3		10			DE
MCMA	06	1820	1900E	1900E	N05	W22	.373	13786	5.1	40D	-N		1900	125	1.4		F
PALE	06	1825	1827	1832D	N06	W19	.324	13786	5.3	7D	-F	2		12			DE
HUAN	06	1843	1912	1912	N06	W22	.373	13786	5.1	29	-N	1	1903	45	.5		
PALE	06	1855	1901U	1920D	N05	W20	.341	13786	5.3	25D	-N	2		80			DE
GRP62599	06	2006+5	2035+1	2052	N05	W22	.373	13786	5.2	46	-N						
MCMA	06	2006E	2100D	2100D	N05	W22	.373	13786	5.2	54D	-N		2050	100	1.1		
HUAN	06	2011	2035	2043	N06	W22	.373	13786	5.2	32	-N	1	2035	40	.4		
PALE	06	2030	2035U	2037D	N05	W21	.357	13786	5.3	7D	-N	3		100			DE
600 MCMA	06	2016E	2017E	2017E	N10	W13	.232	13786	5.9	1D	-N		2017	40	.4		EH

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IMPOR- TANCE	OBS.		MEASUREMENTS			REMARKS		
	DATE 1975 AUG	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	MCNATH PLAGE REGION	CNR DAY			COND	TYPE	TIME UT	MEAS. AREA Mill. of Disk	CORR AREA Sq. Deg.			
					LAT.	MER. DIST.													
GRP62601	06	2147	2151	2207	N04	W24	.407	13786	5.1	20	-N								
PALE	06	2147	2151	2206	N05	W23	.389	13786	5.2	19	-N					90	1.0		FU
MCMA	06	2148E		2208D	N04	W25	.422	13786	5.0	20D	-N	3	C	2156	125	1.4			U F F
GRP62602	07	0012	0013	0151	N05	W24	.405	13786	5.2	99	B								EU
PALE	07	0012	0013	0051D	N05	W24	.405	13786	5.2	39D	? N	3	C		85				UDE
PALE	07	0031	0135	0151	N05	W24	.405	13786	5.2	80	1B	3	C		316				UDE
GRP62603	07	0259+0	0303+1	0311	N06	W27	.452	13786	5.1	13	-B					90	1.0		U
PALE	07	0258	0303	0311	N05	W24	.405	13786	5.3	13	1N	3	C		239				DE
TEHR	07	0258	0304	0313	N06	W27	.452	13786	5.1	15	-E	4	C		93				U
TEHR	07	0259E	0303	0309	N07	W29	.482	13786	4.9	10D	-B	4	V		88				U
GRP62604	07	0323E	0325	0401	N05	W26	.437	13786	5.2	38	1N					320	3.6		DLUZ
TACH	07	0323E	0326	0352D	N05	W27	.452	13786	5.1	29D	1N		V	0328	327	3.8			BLTUZ
KODA	07	0330E	0330	0410	N04	W27	.454	13786	5.1	40D	1B		P	0330	315	3.3			D
PALE	07	0341	0341	0342D	N05	W25	.421	13786	5.3	1D	-N	2	C		80				
605 TACH	07	0426E	0431	0438	N05	W27	.452	13786	5.2	12D	? F		V	0430	371	4.3			BUTZ
IMP	1	NO	TEHR1	CULG1															
606 TACH	07	0503	0503	0512	N05	W26	.437	13786	5.3	9	-N		V	0503	133	1.5			DT
607 CATA	07	0605E	0605	0610D	N06	W21	.356	13786	5.7	5D	-N	3		0605	56	.6			
608 ISTA	07	0620		0632	N06	W29	.482	13786	5.1	12	-N								2
GRP62609	07	0810+9	0820	0902	N05	W29	.483	13786	5.2	52	-F					80	.9		EH
ARCE	07	0810	0820	0845	N05	W30	.498	13786	5.1	35	-F		C	0820	96	1.1			H
ZURI	07	0816	0838	0902	N04	W30	.499	13786	5.1	46	-N		C	0838	55	.7			
MONT	07	0819	0837	0911	N04	W30	.499	13786	5.1	52	-N		C	0837	110				E
WEND	07	0828		0902	N06	W28	.467	13786	5.3	34	1F		V		400	4.6			
610 MONT	07	0902	0911	0921	N08	W23	.389	13786	5.7	19	-F		C	0911	20				
GRP62611	07	0939+3	0941+2	0948	N04	W29	.484	13786	5.2	9	-F								
MONT	07	0939	0941	0948	N04	W30	.499	13786	5.2	7	-F		C	0941	40				
HTPR	07	0942	0943	0950	N05	W29	.483	13786	5.2	8	-N		C	0943	10	.1			
GRP62612	07	1020	1025+3	1040	N05	W31	.513	13786	5.1	20	-N								EUZ
HTPR	07	1020	1025	1035	N04	W32	.529	13786	5.0	15	-N			1025	10	.1			E
ATHN	07	1027E	1028	1040	N05	W31	.513	13786	5.1	13D	-N	4	V		96				Z U
ATHN	07	1027E	1028	1040	N05	W31	.513	13786	5.1	13D	-N	4	C		96				Z U
GRP62613	07	1139+2	1143+0	1152	N04	W32	.529	13786	5.1	13	-N								E
HTPR	07	1139	1143	1155	N04	W32	.529	13786	5.1	16	-N		C	1143	50	.6			E
UPIC	07	1141	1143	1148	N04	W32	.529	13786	5.1	7	1F		P	1143	184				
614 HURB	07	1154E	1154	1218D	N09	W23	.390	13786	5.8	24D	-N								
GRP62615	07	1248+1	1248+9	1308	N05	W31	.513	13786	5.2	20	-N								EI
UPIC	07	1238	1258U	1308	N05	W32	.528	13786	5.1	30	1F		P	1258	204				
RAMY	07	1248	1254	1304	N04	W31	.514	13786	5.2	16	-N	3	C		45				DE
MCMA	07	1248	1251	1306	N05	W31	.513	13786	5.2	18	-N		C	1251	60	.7			E
MEUD	07	1248	1248	1252	N05	W31	.513	13786	5.2	4	-F		C	1248	30	.4			
TEHR	07	1248	1251	1320	N07	W30	.497	13786	5.3	32	-B	4	C		80				DE
HTPR	07	1249	1249	1310	N05	W33	.543	13786	5.1	21	-B		C	1249	50	.6			E
KIEV	07	1249E	1252	1308D	N05	W31	.513	13786	5.2	19D	1F		C	1252	250	3.1			EI
ZURI	07	1250	1254	1308	N05	W33	.543	13786	5.1	18	-N		C	1254	103	1.3			
CATA	07	1250	1250	1305	N06	W31	.512	13786	5.2	15	-E	3		1250	56	.7			
TEHR	07	1250E	1252U	1320	N06	W30	.497	13786	5.3	30D	-B	4	V		24				DE
HUAN	07	1256		1303	N05	W32	.528	13786	5.1	7	-F	1	C						
616 UPIC	07	1333E		1347	N05	W33	.543	13786	5.1	14D	-F		P	1339	82				
617 MCMA	07	1400	1402	1456	N11	E24	.410	13790	9.4	56	-N		C	1402	40	.4			E

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OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IMPORTANCE	OBS.		MEASUREMENTS			REMARKS	
	DATE 1975 AUG	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	MC MATH PLAGE REGION			CNR DAY	COND.	TYPE	TIME UT	MEAS. AREA Mill. of Disk		CORR AREA Sq. Deg.
					LAT.	MER. DIST.											
GRP62618	07	1450+9	1501+4 1513+4	1538	N04	W33	.544	13786	5.1	48	-N					KU	
HUAN	07	1450	1503	1600	N05	W33	.543	13786	5.1	70	1N	1	C	1503	130	1.6	K
MCMA	07	1450	1502	1557	N05	W32	.528	13786	5.2	67	-B		C	1502	125	1.6	E
RAMY	07	1450	1501	1548D	N03	W33	.545	13786	5.1	58D	18	4	C		240		DE
ZURI	07	1450	1516	1554	N03	W34	.560	13786	5.1	64	-N		C	1516	123	1.5	
UPIC	07	1455	1503	1551	N05	W33	.543	13786	5.1	56	1N		P	1503	367		TK
HTPR	07	1500	1502	1530D	N05	W33	.543	13786	5.2	30D	-N		C	1502	90	1.1	KU
MEUD	07	1500	1502	1506	N05	W33	.543	13786	5.2	6	-N		C	1502	80	1.0	
RAMY	07	1500	1505U	1520E	N04	W33	.544	13786	5.2	20D	-B	4	V		180		DE
HTPR	07	1500	1513	1530D	N04	W33	.544	13786	5.2	30D	-N		C	1513	120	1.4	KU
CATA	07	1505E	1505	1510D	N06	W33	.542	13786	5.2	5D	-B	3		1505	112	1.4	
BOUL	07	1505	1517	1537	N04	W33	.544	13786	5.2	32	1N	2	C	1517	203	2.4	
HERS	07	1507E	1513	1524	N05	W33	.543	13786	5.2	17D	-N		P	1513	90	1.9	D
MEUD	07	1512	1513	1518	N05	W33	.543	13786	5.2	6	-N		C	1513	80	1.0	
CATA	07	1520E	1520	1525D	N05	W33	.543	13786	5.2	5D	-B	3		1520	112	1.4	
GRP62619	07	1620+4	1625+2	1654	N04	W34	.558	13786	5.1	34	-N				80	1.0	EK
UPIC	07	1620	1625	1705	N05	W34	.557	13786	5.1	45	-N		P	1625	143		TK
MCMA	07	1623	1626	1719	N04	W33	.544	13786	5.2	56	-B		C	1626	80	1.0	E
MEUD	07	1623	1627	1635	N04	W35	.572	13786	5.1	12	-F		C	1627	60	.7	
HUAN	07	1624	1627	1700	N04	W34	.558	13786	5.1	36	-N	1	C	1627	60	.7	
ZURI	07	1624	1625	1638	N03	W34	.560	13786	5.1	14	-N		C	1626	103	1.3	
GRP62620	07	1752+2	1754+2	1812	N05	W33	.543	13786	5.3	20	-F				60	.7	E
MCMA	07	1752	1754	1830D	N05	W34	.557	13786	5.2	38D	-N		C	1754	60	.8	E
HUAN	07	1752	1755	1802	N05	W34	.557	13786	5.2	10	-F	1	C	1755	35	.4	
PALE	07	1754	1755	1812	N06	W32	.527	13786	5.3	18	-F	3	C		84		DE
GRP62621	07	1805+1	1807+5	1816	N12	E16	.290	13790	9.0	11	-F				50	.5	EH
MCMA	07	1805	1807	1816	N12	E17	.305	13790	9.0	11	-N		C	1807	40	.4	EH
HUAN	07	1806	1812	1816	N11	E16	.285	13790	9.0	10	-F	2	C	1812	40	.4	E
BOUL	07	1806	1811	1820	N12	E15	.274	13790	8.9	14	-F	2	C	1811	64	.7	
622 HUAN	07	1809	1812	1815	N09	E27	.453	13790	9.8	6	-F	2	C	1812	15	.2	D
GRP62623	07	1844+2	1850+2	1910	N05	W34	.557	13786	5.2	26	-N				70	.8	E
MCMA	07	1844	1850	1909	N05	W35	.571	13786	5.2	25	-B		C	1850	80	1.0	E
HUAN	07	1846	1852	1911	N05	W33	.543	13786	5.3	25	-N	1	C	1852	70	.9	
GRP62624	07	1909+5	1914+0	1922	N08	E25	.421	13790	9.7	13	-F				30	.3	D
MCMA	07	1909	1914	1926	N08	E25	.421	13790	9.7	17	-N		C	1914	25	.3	D
HUAN	07	1914	1914	1918	N08	E26	.436	13790	9.8	4	-F	1	C	1914	25	.3	D
GRP62625	07	1945+2	1948+0	2014	N11	E24	.410	13790	9.6	29	-F				40	.4	E
MCMA	07	1945	1948	2020	N10	E23	.392	13790	9.5	35	-N		C	1948	50	.5	E
HUAN	07	1946	1948	1949D	N11	E24	.410	13790	9.6	3D	-F	1	P	1948	40	.4	E
PALE	07	1947	1948U	2007	N11	E26	.441	13790	9.8	20	-F	3	C		30		DE
GRP62626	07	2032+7	2039+6	2100	N05	W35	.571	13786	5.2	28	-F						E
MCMA	07	2032E	2039	2104	N05	W36	.586	13786	5.2	32D	-N		C	2039	80	1.0	E
HUAN	07	2039	2045	2055	N06	W34	.556	13786	5.3	16	-F	1	C	2045	30	.4	
627 MCMA	07	2045	2050	2105	N11	E23	.395	13790	9.6	20	-F		C	2050	60	.7	EH
GRP62628	07	2129+3	2131+4	2146	N05	W37	.600	13786	5.1	17	-N				70	.9	J
MCMA	07	2129	2134	2150	N05	W37	.600	13786	5.1	21	-N		C	2134	100	1.3	E
PALE	07	2129	2135	214ED	N06	W36	.585	13786	5.2	17D	-N	2	C		30		DE
VORO	07	2130	2131	2136D	N06	W39	.626	13786	5.0	6D	-B		C	2131	72	1.0	BDJ
HUAN	07	2132	2144	2144	N03	W37	.602	13786	5.1	12	-F	1	C				
GRP62629	07	2237+0	2239+2	2247	N05	W38	.613	13786	5.1	10	-N				50	.6	DJ
VORO	07	2237	2241	2247	N05	W39	.627	13786	5.0	10	-B		C	2241	72	1.0	DJ
PALE	07	2237	2239U	2247D	N05	W37	.600	13786	5.2	10D	-F	2	C		25		DE
630 VORO	07	2301	2303	2315	N08	E22	.373	13790	9.6	14	-B		C	2303	81	.9	EJ
631 VORO	07	2335	2337	2351	N04	W40	.641	13786	5.0	16	-B		C	2342	90	1.1	DJ
632 VORO	08	0017	0019	0027	N05	W39	.627	13786	5.1	10	-B		C	0019	99	1.3	DJ
	08	0152	0203	NO FLARE PATROL													
GRP62633	08	0530+1	0534+0	0538	N07	W40	.639	13786	5.2	8	-F				50	.7	FK
UPIC	08	0511	0517	054C	N04	W39	.628	13786	5.3	29	-F		F	0517	143		FK
TEHR	08	0530	0534	0538	N08	W40	.639	13786	5.2	8	-F	3	C		45		
ATHN	08	0531	0534	0538	N08	W40	.639	13786	5.2	7	-N	3	V		48		F
ATHN	08	0531	0534	0538	N08	W40	.639	13786	5.2	7	-N	3	C		48		F

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IMPORTANCE	OBS.		MEASUREMENTS			REMARKS		
	DATE 1975 AUG	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	McMATH PLAGE REGION	CNR DAY			COND	TYPE	TIME UT	MEAS. AREA Mill. of Disk	CORR AREA Sq. Deg.			
					LAT.	NER. DIST.													
GRP62634	08	0625+8	0630+7	0643	N06	W37	.599	13786	5.5	18	-F								
CATA	08	0625	0630	0645	N06	W36	.585	13786	5.6	20	-N	3	0630	40	.5		DJ		
UPIC	08	0630	0635	0645	N06	W37	.599	13786	5.5	15	-F		0635	56	.7		F		
TEHR	08	0633	0637	0639	N06	W39	.626	13736	5.3	6	-F	3		82					
ABST	08	0633	0635	0646	N07	W37	.598	13786	5.5	13	-F		0636	30					
ATHN	08	0634E	0637	0639	N07	W38	.612	13786	5.4	50	-F	3		62	.7		DJ		
ATHN	08	0634E	0637	0639	N07	W38	.612	13786	5.4	50	-F	3		32			DE		
HTPR	08	0636E		0650	N05	W37	.600	13786	5.5	140	-F		0636	32			DE		
														30	.4				
GRP62635	08	0946+4	0950+1	0959	N07	W45	.703	13786	5.0	13	-F			30	.4				
TEHR	08	0946	0951	0957	N08	W44	.691	13786	5.1	11	-F	3		28				DE	
ATHN	08	0947	0950	09590	N07	W45	.703	13786	5.0	120	-F	4		32				DE	
ATHN	08	0947	0950	09590	N07	W45	.703	13786	5.0	120	-F	4		32				DE	
ARCE	08	0950		10000	N05	W45	.704	13786	5.0	100	-F		1000	51	.7				
GRPE2636	08	1052+7	1057+0	1119	N06	W42	.666	13786	5.3	27	-F			70	.9			I	
			1104+1																
TEHR	08	1052	1057	1127	N07	W40	.639	13786	5.5	35	-F	3		62					
TEHR	08	1053E	1057	11200	N06	W40	.640	13786	5.5	350	-F	3		58					
MCMA	08	1059	1104	1108	N04	W44	.693	13786	5.2	9	-N		1104	50	.7			E	
KIEV	08	1103E	1105	11100	N06	W45	.704	13786	5.1	70	-F		1105	100	1.3			OI	
637 UPIC	08	1230E		1240	N06	W46	.716	13786	5.1	100	-F		1230	41					
GRP62638	08	1639+5	1645+0	1722	N04	W47	.730	13786	5.2	43	-N			50	.7			E	
MCMA	08	1639	1645	1722	N04	W47	.730	13786	5.2	43	-N		1645	50	.7			E	
HUAN	08	1644		17050	N04	W47	.730	13786	5.2	210	-F	1	1653	35	.5			E	
ATHN	08	1645E	1645U	17080	N04	W48	.741	13786	5.1	230	-B	4		64				DE	
GRP62639	08	1738+5	1744+1	1753	N04	W48	.741	13786	5.1	15	-F			30	.4			C	
MCMA	08	1738	1745	1753	N04	W48	.741	13786	5.1	15	-N		1745	35	.5			D	
HUAN	08	1743	1744	1752	N04	W48	.741	13786	5.1	9	-F	1	1744	20	.3			D	
640 HUAN	08	1824E		1826	N04	W52	.786	13786	4.9	20	-F	1							
641 MCMA	08	1827	1828	1840	N12	E04	.122	13790	9.1	13	-N		1828	60	.6			EH	
GRP62642	08	1932+3	1943	2011	N05	E06	.106	13790	9.3	39	-F								
MCMA	08	1932	1943	2011	N06	E07	.121	13790	9.3	39	-F		1943	50	.5			E	
HUAN	08	1943		20050	N05	E06	.106	13790	9.3	220	-F	1	2000	20	.2			O	
643 HUAN	08	2003		20050	N14	E03	.144	13790	9.1	20	-F	1	2004	20	.2			C	
644 MCMA	08	2147	2151	2205	N12	E02	.106	13790	9.1	18	-N		2151	60	.6			E	
GRP62645	09	0224+1	0227+3	0300	N08	E05	.091	13790	9.5	36	-B								
TEHR	09	0224E	0230U	0300	N08	E05	.091	13790	9.5	360	-B	3		120				IJ	
VORO	09	0224E		03020	N03	W09	.166	13790	8.4	380	1N		0235	358	3.6			IJ	
MITK	09	0225	0230	0249	N09	E07	.130	13790	9.6	24	1B		0230	280	2.8				
PALE	09	0225E	0227	02520	N08	E05	.091	13790	9.5	270	-B	3		169				DE	
TEHR	09	0231E	0231U	0300	N06	E05	.091	13790	9.5	290	-B	3		120				F	
GRP62646	09	0313E	0315+0	0322	N12	E00	.099	13790	9.1	9	-N			30	.3			DU	
TEHR	09	0313E	0315	0322	N12	E00	.099	13790	9.1	90	-N	4		30				U	
TEHR	09	0313E	0315	0322	N12	E00	.099	13790	9.1	90	-N	4		30				U	
VORO	09	0314E		03230	S00	E01	.111	13790	9.2	90	-B		0323	99	1.0			O	
GRP62647	09	0343+0	0345+0	0359	N06	W50	.763	13786	5.4	16	-N			20	.3				
TEHR	09	0343	0345U	0359	N06	W50	.763	13786	5.4	16	-N	4		24				DE	
TEHR	09	0343	0345U	0359	N06	W50	.763	13786	5.4	16	-N	2		24				DE	
GRP62648	09	0345+0	0350+0	0401	N08	E05	.091	13790	9.5	16	-N			30	.3			F	
TEHR	09	0345	0350U	0401	N08	E05	.091	13790	9.5	16	-N	4		30				F	
TEHR	09	0345	0350U	0401	N08	E05	.091	13790	9.5	16	-N	4		30				F	
GRP62649	09	0453E	0458+0	0503	N08	E04	.075	13790	9.5	10	-N			20	.2			F	
TEHR	09	0453E	0458	0503	N08	E04	.075	13790	9.5	100	-N	4		24				F	
TEHR	09	0453E	0458	0503	N08	E04	.075	13790	9.5	100	-N	4		24				F	
GRP62650	09	0512	0515+3	0528	N05	W52	.785	13786	5.3	16	-N			50	.8			F	
UPIC	09	0512	0515	0528	N08	W48	.739	13786	5.6	13	-F		0515	61					
TEHR	09	0515E	0519	0528	N05	W53	.796	13786	5.2	130	-N	4		48				F	
TEHR	09	0515E	0519	0528	N05	W53	.796	13786	5.2	130	-N	2		48				F	
UPIC	09	0520E	0520U	0545	N04	W55	.817	13786	5.1	250	-F		0520	61				E	
651 CATA	09	0635	0635	0700	N08	E06	.108	13790	9.7	25	-N	3	0635	56	.6				

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	DATE 1975 AUG	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	McMATH PLAGE REGION	CMP DAY			COND	TYPE	TIME UT	MEAS. AREA Mill. of Disk	CORR AREA Sq. Deg		
					LAT.	MER. DIST.												
GRP62652	09	0900+8	0910+1	0925	N08	E03	.060	13790	9.6	25	-N						FU	
BUCA	09	0900		0945	N09	E05	.098	13790	9.8	45	-N		P	0915	70	.7	E	
CATA	09	0905	0910	0925	N08	E03	.060	13790	9.6	20	-N	3		0910	127	1.3		
ATHN	09	0908	0911	0924	N08	E03	.060	13790	9.6	16	-N	4	C		56	.6	U F	
ATHN	09	0908	0911	0924	N08	E03	.060	13790	9.6	16	-N	4	V		80		U F	
TEHR	09	0909E	0911	0915D	N07	E03	.053	13790	9.6	6D	-N	4	V		80		F	
															26			
GRP62653	09	0922E	0922	0939	N01	W52	.789	13786	5.5	17	-F				30	.5		
ATHN	09	0922E	0922U	0939	N01	W52	.789	13786	5.5	17D	-F	4	C		32		DE	
ATHN	09	0922E	0922U	0939	N01	W52	.789	13786	5.5	17D	-F	4	V		32		DE	
GRP62654	09	0923+0	0923+0	0940	N12	W49	.751	13786	5.7	17	-N				30	.5		
ATHN	09	0923	0928	0940	N12	W49	.751	13786	5.7	17	-N	4	V		32		DE	
ATHN	09	0923	0928	0940	N12	W49	.751	13786	5.7	17	-N	4	C		32		DE	
655 TEHR	09	0949E	0953	0959	N08	E05	.091	13790	9.8	10D	-N	4	V		30		F	
656 MCMA	09	1312	1316	1322	N12	E04	.121	13790	9.9	10	-N		C	1316	30	.3	DH	
657 TEHR	09	1355E	1358	1409D	N08	E04	.075	13790	9.9	14D	-F	4	V		24		DE	
658 MCMA	09	1445	1447	1450	N12	E04	.121	13790	9.9	5	-F		C	1447	20	.2	DH	
659 MCMA	09	1840	1842	1853	N04	W62	.881	13786	5.1	13	-N		C	1842	50	1.2	E	
	09	1958	2014	NO FLARE PATROL														
660 MCMA	09	2035	2039	2057	N08	W05	.091	13790	9.5	22	-N		C	2039	80	.8	E	
661 MCMA	09	2142	2147	2157	N08	W05	.091	13790	9.5	15	-F		C	2147	50	.5	E	
	09	2240	2307	NO FLARE PATROL														
662 PALE	09	2251E	2304U	2321D	N07	W62	.879	13786	5.3	30D	-N	3	C		35		DE	
	09	2316	2321	NO FLARE PATROL														
	09	2326	0000	NO FLARE PATROL														
	10	0024	0215	NO FLARE PATROL														
663 TEHR	10	0235E	0235	0257	N05	W64	.896	13786	5.3	22D	-B	3	V		36		F	
GRP62664	10	0658	0701	0731	N08	W07	.124	13790	9.8	33	-N						JU	
			0715+0															
ABST	10	0658	0701	0714	N09	W06	.113	13790	9.8	16	-F		C	0701	70	.7	DJ	
TEHR	10	0709E	0715	0727	N08	W06	.108	13790	9.8	18D	-N	4	V		24		F	
CATA	10	0715	0715	0725	N08	W09	.158	13790	9.6	10	-B	3		0715	28	.3		
ATHN	10	0716E	0716U	0740	N08	W07	.124	13790	9.8	24D	-N	4	V		176		UDE	
ATHN	10	0716E	0716U	0740	N08	W07	.124	13790	9.8	24D	-N	4	C		176		UDE	
GRP62665	10	0751+7	0805+0	0824	N05	W69	.931	13786	5.2	33	-N				60		U	
UPIC	10	0751	0805	0811	N06	W71	.943	13786	5.0	20	1F		P	0805	82		F	
ATHN	10	0758	0805	0824D	N05	W68	.925	13786	5.2	26D	-B	4	C		48		UDE	
ATHN	10	0758	0805	0824D	N05	W68	.925	13786	5.2	26D	-B	4	V		48		UDE	
GRP62666	10	0813E	0815+0	0826C	N08	W08	.141	13790	9.7	13	1N				240	2.4	U	
ATHN	10	0813E	0816	0826D	N08	W08	.141	13790	9.7	13D	1N	4	V		240		UDE	
ATHN	10	0813E	0816	0826D	N08	W08	.141	13790	9.7	13D	1N	4	C		240		UDE	
GRP62667	10	0914+1	0917	0944	N05	W71	.943	13786	5.1	30	1N						I	
WEND	10	0914		0935	N05	W70	.937	13786	5.1	21	1N		V		400	9.4		
UPIC	10	0915	0917	0935	N06	W72	.943	13786	5.0	20	1N		P	0917	82		F	
ARCE	10	0920E		0935D	N04	W73	.955	13786	4.9	15D	-N		C	0925	48			
KIEV	10	0921E		0935D	N06	W71	.943	13786	5.1	14D	1N		C	0921	250		DI	
ATHN	10	0925E	0925U	0944	N05	W69	.931	13786	5.2	19D	-B	4	C		64		DE	
ATHN	10	0925E	0925U	0944	N05	W69	.931	13786	5.2	19D	-B	4	V		64		DE	
GRP62668	10	0945+5	0952+5	1010	N08	W09	.158	13790	9.7	25	1N				210	2.1	EI	
BUCA	10	0945		0959	N08	W08	.141	13790	9.8	14	-N		P	0954	191	2.0	E	
KIEV	10	0949E	0952	1010D	N08	W10	.175	13790	9.7	21D	1N		C	0952	250	2.7	I	
UPIC	10	0950	0957	1025	N08	W10	.175	13790	9.7	35	-F		F	0957	184			

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	DATE 1975 AUG	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	McMATH PLAGE REGION	CNR DAY			MIN.		COND.	TYPE	TIME UT		MEAS. AREA Mill. of Disk	CORR AREA Sq. Deg.
					LAT.	MER. DIST.													
GRP62669	10	1310	1335 +6	1354	N08	W12	.208	13790	9.6	44	-N						IJKL		
UPIC	10	1310	1335	1403	N08	W13	.225	13790	9.6	53	1F	P	1336	286					
BOUL	10	1325E	1338	1359	N08	W12	.208	13790	9.7	340	-N	2	P	1338	107	1.1			
TEHR	10	1329E	1342	1350	N08	W10	.175	13790	9.8	220	-N	3	V		48		F		
LVOV	10	1330	1339	1410	N08	W13	.225	13790	9.6	40	1F	C	1339	300	3.2		EIJKL		
CATA	10	1330	1340	1350D	N08	W13	.225	13790	9.6	200	-B	3		1340	84	.9			
ATHN	10	1332E	1335	1350	N09	W14	.244	13790	9.5	180	-N	4	V		64		DE		
ATHN	10	1332E	1335	1350	N09	W14	.244	13790	9.5	180	-N	4	C		64		DE		
RAMY	10	1336E	1338 U	1350	N08	W12	.208	13790	9.7	140	-N	3	C		72		FDE		
RAMY	10	1336E	1338 U	13520	N09	W11	.194	13790	9.7	160	-N	4	V		64		FDE		
MCMA	10	1348E		13500	N07	W13	.224	13790	9.6	20	-B		P	1349	100	1.1	BE		
GRP62670	10	1352+1	1356	1443	N04	W71	.944	13786	5.3	51	-N						FJK		
UPIC	10	1352	1412	1555	N04	W72	.949	13786	5.2	123	1N	F	1412	122			F		
ATHN	10	1353	1413	1440	N05	W69	.931	13786	5.4	47	-B	4	C		48		F		
ATHN	10	1353	1356	1440	N05	W69	.931	13786	5.4	47	-N	4	V		48		F		
LVOV	10	1355	1419	1443	N04	W72	.949	13786	5.2	48	1F	C	1419	100			EJK		
RAMY	10	1409	1412	14270	N03	W73	.955	13786	5.1	180	-N	3	C		63		FDE		
BOUL	10	1410	1417	1447	N04	W72	.949	13786	5.2	37	-N	0	C	1417	42	1.2			
TEHR	10	1410	1414	1419	N05	W67	.918	13786	5.6	9	-N	3	V		23		F		
TEHR	10	1410E	1414	1419	N05	W67	.918	13786	5.6	90	-N	3	C		23		F		
RAMY	10	1413E	1414 U	1431	N03	W73	.955	13786	5.1	180	-F	4	V		64		FDE		
CATA	10	1425E	1430	1455	N06	W70	.937	13786	5.4	300	1B	3		1430	84				
HUAN	10	1430E		15270	N05	W73	.954	13786	5.1	570	-N	1	F	1441	50		E		
671 UPIC	10	1410	1412	1415	N11	W21	.363	13790	9.0	5	-F		P	1412	41				
672 LVOV	10	1416	1418	1422	N09	W11	.194	13790	9.8	6	? F		C	1418	150	1.6	B0IJ		
	IMP	1 NO	BOUL2	RAMY2				1											
GRP62673	10	1435+0	1435 +5	1448	N15	W22	.395	13790	9.0	13	-F				40	.4	H		
CATA	10	1435	1435	1455D	N18	W22	.413	13790	9.0	200	-N	3		1435	56	.6			
ATHN	10	1435	1440	1448	N13	W22	.385	13790	9.0	13	-F	4	C		32		DE H		
ATHN	10	1435	1440	1448	N13	W22	.385	13790	9.0	13	-F	4	V		32		DE H		
GRP62674	10	1451+4	1453	1512	N08	W14	.242	13790	9.6	21	-F						IJ		
HUAN	10	1451		1500	N08	W13	.225	13790	9.6	9	-F	1	C						
LVOV	10	1452	1453	1512	N08	W15	.258	13790	9.5	20	1F	C	1453	200	2.1		EIJ		
UPIC	10	1455	1515	1535	N08	W14	.242	13790	9.6	40	-F		P	1515	102		F		
GRP62675	10	1636		1703D	N07	W15	.257	13790	9.6	27	-F						E		
MCMA	10	1636		1703C	N07	W14	.241	13790	9.6	270	-F		C	1648	40	.4	E		
HUAN	10	1637E		1641C	N08	W16	.275	13790	9.5	40	-F	1	P				E		
	10	1815	1813		NO FLARE PATROL														
	10	1827	1833		NO FLARE PATROL														
GRP62676	10	1833E	1844	1925	N08	W17	.291	13790	9.5	52	-N				130	1.4	E		
HUAN	10	1833E		1925	N08	W16	.275	13790	9.6	520	-N	1	P	1834	145	1.6	E		
PALE	10	1840E	1844 U	1922D	N08	W18	.308	13790	9.4	420	-N	2	C		118		DE		
MCMA	10	1842E		1853D	N08	W16	.275	13790	9.6	110	-B		P	1842	125	1.4	BE		
	10	1939	2000		NO FLARE PATROL														
	10	2005	2011		NO FLARE PATROL														
677 PALE	10	2051	2058	2101D	N08	W19	.324	13790	9.4	100	-F	2	C		51				
	10	2102	2231		NO FLARE PATROL														
	10	2236	2305		NO FLARE PATROL														
678 MITK	10	2305	2311	2326	N08	W19	.324	13790	9.5	21	-F		C	2311	50	.6	D		
679 MITK	11	0110	0113	0124	N07	W22	.372	13790	9.4	14	-N		C	0113	170	1.8			
680 MITK	11	0120	0140	0209	N13	W29	.489	13790	3.9	49	-B		C	0140	170	2.0	E		
681 MITK	11	0326	0328	0344	N09	W23	.390	13790	9.4	18	-N		C	0328	170	1.8			
682 MITK	11	0421		0428	N08	W24	.404	13790	9.4	7	-F		F	0421	80	.9	D		
683 TEHR	11	0629E	0633	0637D	N04	W81	.987	13786	5.2	80	-N	3	C		34		F		
684 UPIC	11	0635E	0635 U	0655	N07	W25	.420	13790	9.4	200	-F		P	0635	122		F		

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IMPOR- TANCE	OBS.		MEASUREMENTS			REMARKS
	DATE 1975 AUG	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	GCMATH PLAGE REGION	CHR DAY			COND	TYPE	TIME UT	MEAS. AREA Mill. of Disk	CORR AREA Sq. Deg.	
					LAT.	NER. DIST.											
GRP62685	11	0720+8	0725 0731+0	0736	N08	W25	.420	13790	9.4	16	-N			110	1.2	DJ	
CATA	11	0720	0725	0735	N08	W25	.420	13790	9.4	15	-N	1	0725	112	1.3	DJ	
ABST	11	0728	0731	0737	N08	W26	.436	13790	9.4	9	-F	C	0731	70	.8		
MONT	11	0728	0731	0736	N07	W24	.404	13790	9.5	8	-N	C	0731	150			
686 UPIC	11	0810E	0815U	0830	N07	W27	.451	13790	9.3	20D	-F	P	0815	102		F	
687 CATA	11	1035E	1040	1100	N08	W26	.436	13790	9.5	25D	-N	3	1040	84	1.0		
688 BUCA	11	1150		1300	N09	W24	.405	13790	9.7	70	-F	P	1235	79	.9	E	
689 BOUL	11	1625	1633	1657	N03	W82	.990	13786	5.5	32	-F	2	C	1633	21	.7	
690 MCMA	11	1746	1749	1752	N07	W32	.527	13790	9.3	6	-F	C	1749	30	.4	D	
	11	2145	2148		NO FLARE PATROL												
	11	2245	2303		NO FLARE PATROL												
	11	2314	2321		NO FLARE PATROL												
	11	2343	0004		NO FLARE PATROL												
	12	0006	0026		NO FLARE PATROL												
	12	0034	0043		NO FLARE PATROL												
	12	0104	0106		NO FLARE PATROL												
GRP62691	12	0144E	0155+0	0204	N05	W37	.600	13790	9.3	20	-F			20	.3	D	
PALE	12	0144E	0155	0204	N05	W38	.613	13790	9.2	20D	-F	2	C	20		DE	
PALE	12	0144E	0155	0204	N05	W38	.613	13790	9.2	20D	-F	2	V	20		DE	
MITK	12	0149	0207	0222	N04	W36	.587	13790	9.4	33	-N	C	0207	70	.9	D	
692 PALE	12	0301	0303	0314	N07	W38	.612	13790	9.3	13	-F	3	V	14		DE	
GRP62693	12	0350+0	0352+0	0407	N05	W37	.600	13790	9.4	17	-N			60	.8	F	
MITK	12	0350	0352	0355	N06	W34	.556	13790	9.6	5	-N	C	0352	90	1.2	E	
PALE	12	0350	0352	0407	N05	W38	.613	13790	9.3	17	-N	3	C	52		F	
PALE	12	0350	0352	0407	N05	W38	.613	13790	9.3	17	-N	3	V	52		F	
GRP62694	12	0616+4	0618+8	0640	N08	W38	.612	13790	9.4	24	-F			18		E	
TEHR	12	0616E	0619	0623	N09	W37	.598	13790	9.5	7D	-F	4	V	80	1.0	F	
MITK	12	0617	0618	0638	N06	W36	.585	13790	9.6	21	-F	C	0618	32		E	
ATHN	12	0617	0620	0632	N06	W39	.626	13790	9.3	15	-N	4	V	32		DE	
ATHN	12	0617	0620	0632	N06	W39	.626	13790	9.3	15	-N	4	C	32		DE	
UPIC	12	0620	0625	0635	N08	W38	.612	13790	9.4	15	-F	P	0625	82		F	
BUCA	12	0620	0626	0650	N08	W38	.612	13790	9.4	30	1F	C	0626	171	2.2		
CATA	12	0620	0620	0650	N09	W37	.598	13790	9.5	30	-N	3	V	112	1.4		
ATHN	12	0623	0625	0635	N06	W33	.542	13790	9.8	12	-F	4	V	16		DE	
ATHN	12	0623	0625	0635	N06	W33	.542	13790	9.8	12	-F	4	C	16		DE	
MANI	12	0629E	0629U	0636D	N07	W39	.626	13790	9.3	7D	-F	2	V	0629	60	.7	F
HURB	12	0631E	0643	0657D	N10	W47	.727	13790	8.7	26D	1F					E	
GRP62695	12	0700	0715	0726	N09	W43	.678	13790	9.1	26	-N			53	.7	E	
BUCA	12	0700		0720	N08	W39	.625	13790	9.4	20	-F	C	0705				
HURB	12	0703E	0715	0732D	N10	W47	.727	13790	8.8	29D	1B					E	
GRP62696	12	0733	0735 0746	0820	N08	W37	.598	13790	9.5	47	-N						
HTRP	12	0733	0735	0739	N09	W36	.584	13790	9.6	6	-F	C	0735	30	.4		
HURB	12	0736E	0746	0755D	N09	W41	.652	13790	9.2	19D	1B						
BUCA	12	0745	0755	0820	N06	W36	.585	13790	9.6	35	-F	C	0756	47	.6		
HURB	12	0810E	0812	0832D	N11	W36	.586	13790	9.6	22D	1B						
GRP62697	12	0840+7	0851+5	0913	N09	W39	.625	13790	9.4	33	-N			100	1.3	I	
BUCA	12	0840	0915	N10	W38	.612	13790	9.5	35	-N	C	0855	127	1.6	E		
KIEV	12	0845E	0856	0916D	N08	W40	.639	13790	9.4	31D	1F	C	0856	350	4.7	I	
HTRP	12	0847	0951	0904	N09	W40	.639	13790	9.4	17	-F	C	0851	30	.4		
HURB	12	0850E	0851	0904D	N10	W40	.639	13790	9.4	14D	-B						
UPIC	12	0855E	0855U	0910	N09	W39	.625	13790	9.4	15D	-F	P	0855	82		F	
GRP62698	12	0915+3	0922+1	0939	N08	W38	.612	13790	9.5	24	-F			45	.6	EH	
BUCA	12	0915		0950	N08	W37	.598	13790	9.6	35	-F	C	0925	63	.8	E	
HTRP	12	0918	0922	0930	N07	W40	.639	13790	9.4	12	-N	C	0922	20	.3	E	
ARCE	12	0919E		0946	N09	W39	.625	13790	9.5	27D	-F	P	0926	41	.5	H	
TEHR	12	0920E	0923	0932	N08	W38	.612	13790	9.5	12D	-F	4	V	48		F	
GRP62699	12	0953>9	0958 1019	1031	N06	W38	.612	13790	9.6	38	-N						
HURB	12	0953E	0958	1034D	N11	W37	.599	13790	9.6	41D	1N						
HTRP	12	1013	1019	1028	N06	W35	.571	13790	9.8	15	-F	C	1019	40	.5		

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IMPOR- TANCE	OBS.		MEASUREMENTS			REMARKS				
	DATE 1975 AUG	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	McMATH FLARE REGION	CNR DAY			COND	TYPE	TIME UT	MEAS. AREA Mill. of Disk	CORR AREA Sq. Deg.					
					LAT.	MER. DIST.															
GRP62700	12	1055+5	1059+1	1106	N06	W48	.740	13790	8.9	11	-F										
BUCA	12	1055		1107	N09	W47	.727	13790	8.9	12	-F										
ATHN	12	1059E	1059U	1104	N03	W48	.742	13790	8.9	50	-F	4	C	1101	30	.4				K	
ATHN	12	1059E	1059U	1104	N03	W48	.742	13790	8.9	50	-F	4	C		47	.7				DE	
HTPR	12	1100	1100	1107	N08	W48	.739	13790	8.9	7	-N		V		32					DE	
HTPR	12	1100	1103	1107	N08	W48	.739	13790	8.9	7	-N		C	1100	10	.1				DK	
HTPR	12	1100											C	1103	10	.1				DK	
GRP62701	12	1110+4	1117+0	1143	N09	W37	.598	13790	9.7	33	-N				30	.4				E	
			1133+4																		
BUCA	12	1110		1204	N11	W38	.613	13790	9.6	54	-N		P	1135	95	1.2				E	
RAMY	12	1114	1117	1120	N10	W34	.557	13790	9.9	6	-F	3	C		18					DE	
RAMY	12	1114E	1117	1121D	N10	W35	.571	13790	9.8	70	-F	3	V		18					DE	
TEHR	12	1130	1137	1145	N09	W32	.527	13790	10.1	15	-N	4	V		24					DE	
ATHN	12	1130E	1133	1141	N05	W41	.654	13790	9.4	11D	-N	4	V		32					DE	
HTPR	12	1134	1134	1142	N09	W39	.625	13790	9.6	8	-N		C	1134	30	.4				DE	
RAMY	12	1134	1137	1139	N09	W36	.584	13790	9.8	5	-N	4	C		32					DE	
RAMY	12	1135E	1137	1140D	N11	W35	.572	13790	9.9	50	-N	4	V		27					DE	
UPIC	12	1136E	1136U	1145	N09	W37	.598	13790	9.7	90	-F		P	1136	41						
GRP62702	12	1252+2	1254+2	1257	N07	W48	.739	13790	8.9	5	-F				40	.6				D	
ATHN	12	1252	1254	1301	N05	W45	.704	13790	9.2	9	-N	1		1254	16	.3					
ATHN	12	1252	1254	1259	N06	W50	.763	13790	8.8	7	-F	1		1254	16	.4					
HTPR	12	1254	1255	1257	N08	W50	.762	13790	8.8	3	-F		C	1255	10	.1				D	
UPIC	12	1255E	1255U	1257	N09	W48	.738	13790	8.9	20	-F		P	1256	61						
GRP62703	12	1300+0	1301+3	1311	N08	W38	.612	13790	9.7	11	-F									EJ	
LVOV	12	1300	1304	1315	N08	W38	.612	13790	9.7	15	-F		C	1304	150	2.0				EJ	
HTPR	12	1300	1301	1307	N09	W39	.625	13790	9.6	7	-F		C	1301	20	.3					
704 ATHN	12	1308	1309	1313	N06	W50	.763	13790	8.8	5	-F	1		1309	16	.4					
705 MCMA	12	1348	1350	1356	N07	W41	.652	13790	9.5	8	-F		C	1350	35	.5				D	
GRP62706	12	1430+4	1432+3	1441	N06	W51	.774	13790	8.8	11	-F				25	.4				D	
ATHN	12	1430	1432	1441	N05	W51	.774	13790	8.8	11	-F	1		1432	16	.4					
MCMA	12	1434	1435	144C	N08	W51	.773	13790	8.8	6	-F		C	1435	30	.5				D	
GRP62707	12	1454+0	1455+1	1502	N08	W43	.678	13790	9.4	8	-N				50	.7				DJ	
HTPR	12	1454	1455	1502	N08	W43	.678	13790	9.4	8	-F		C	1456	30	.4					
MCMA	12	1454	1455	1500	N07	W42	.665	13790	9.5	6	-B		C	1455	50	.7				D	
LVOV	12	1454	1455	1510	N08	W43	.678	13790	9.4	16	1F		C	1456	150	2.2				DJ	
GRP62708	12	1623+5	1626+5	1643	N08	W40	.639	13790	9.7	20	-N				60	.8					
ATHN	12	1623	1626	1638	N06	W42	.666	13790	9.5	10	-N	1		1626	82	.9					
HTPR	12	1623	1627	1638	N09	W42	.665	13790	9.5	15	-N		C	1626	20	.3					
UPIC	12	1625	1627	1645	N10	W42	.665	13790	9.5	20	-F		P	1627	82					F	
HTPR	12	1627	1628	1640	N09	W47	.727	13790	9.2	13	-N		C	1628	10	.1				D	
RAMY	12	1627	1631	1649	N09	W37	.598	13790	9.9	22	-N	4	C		36					FDE	
RAMY	12	1628	1631	1643	N08	W35	.570	13790	10.1	15	-N	3	V		45					DE	
GRP62709	12	1647	1649+2	1655	N08	W46	.715	13790	9.2	8	-F				20	.3				D	
HTPR	12	1647	1649	1655	N08	W45	.703	13790	9.3	8	-N		C	1649	20	.3				C	
PALE	12	1650E	1651U	1653D	N08	W47	.727	13790	9.2	30	-F	2	C		20					DE	
PALE	12	1650E	1651U	1653D	N08	W47	.727	13790	9.2	30	-F	2	V		20					DE	
GRP62710	12	1711+1	1714+0	1719	N08	W51	.773	13790	8.9	8	-F				80	1.3					
BOUL	12	17110	1714U	1719	N08	W48	.739	13790	9.1	80	-F	1	P	1714	107	1.6					
HTPR	12	1712	1714	1719C	N08	W54	.804	13790	8.7	70	-N		C	1714	50	.8					
	12	1835	1842		NO FLARE PATROL																
	12	1843	1844		NO FLARE PATROL																
	12	1907	1924		NO FLARE PATROL																
GRP62711	12	2056+0	2100+0	2116	N07	W47	.727	13790	9.3	20	-F				40	.6				D	
PALE	12	2056	2100	2116	N07	W47	.727	13790	9.3	20	-F	3	V		37					DE	
PALE	12	2056	2100	2116	N07	W47	.727	13790	9.3	20	-F	3	C		37					DE	
PALE	12	2056	2100	2116	N07	W47	.727	13790	9.3	20	-F	3	C		37					DE	
MCMA	12	2058E	2100C	2100C	N07	W47	.727	13790	9.3	70	-N		F	2102	30	.5				D	
712 MANI	13	0218E	0218U	0224D	N11	W48	.738	13790	9.5	60	-F	3	V	0218	30	.5				FH	
GRP62713	13	0236+2	0240+0	0250	N09	W49	.750	13790	9.4	14	-F				60	.9					
TEHR	13	0236	0240	0250	N12	W49	.750	13790	9.4	14	-F	2	V		21					F	
PALE	13	0233	0240	0250	N08	W49	.750	13790	9.4	12	-N	3	V		58						
PALE	13	0238	0240	0240D	N08	W49	.750	13790	9.4	80	-F	2	C		58					DE	
714 PALE	13	0302E	0303U	0310	N08	W49	.750	13790	9.5	80	-N	2	C		54					DE	

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IMPOR- TANCE	OBS.		MEASUREMENTS			REMARKS
	DATE 1975 AUG	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	McMATH PLAGE REGION	CNR DAY			COND	TYPE	TIME UT	MEAS. AREA Mill. of Disk	CORR AREA Sq. Deg.	
					LAT.	MER. DIST.											
715 PALE	13	0336	0344	0345	N08	W49	.750	13790	9.5	9	-N	2	C		67		DE
GRP62716	13	0525E	0527+5	0535	N10	W50	.761	13790	9.5	10	-N				50	.8	H
ATHN	13	0525E	0527	0533	N09	W50	.761	13790	9.5	80	-N	5	V		64		DE H
TEHR	13	0529E	0532	0537	N12	W51	.772	13790	9.4	80	-N	2	V		40		F
717 HURB	13	0618E	0648	0710D	N08	W52	.783	13790	9.4	520	?B						
IMP.	1	NO	HTRP2	MON T2													
GRP62718	13	0712>9	0718	0730D	N10	W51	.772	13790	9.5	18	1B						E
			0730														
HURB	13	0712E	0718	0730D	N10	W50	.761	13790	9.6	180	1B						E
CATA	13	0725	0730	0730C	N10	W53	.793	13790	9.3	50	-N	3		0730	28	.5	
GRP62719	13	0746+1	0748+0	0755	N08	W51	.773	13790	9.5	9	-N				15	.2	K
HURB	13	0732E	0734	0804D	N10	W50	.761	13790	9.6	320	1B						EK
HTRP	13	0746	0750	0755	N07	W53	.794	13790	9.3	9	-F		C	0750	10	.2	DK
HTRP	13	0746	0748	0755	N07	W53	.794	13790	9.3	9	-F		C	0748	10	.2	DK
MON T	13	0747	0748	0754	N07	W51	.773	13790	9.5	7	-F		C	0748	20		D
GRP62720	13	0805+5	0814+2	0826	N08	W52	.783	13790	9.4	21	-N						D
CATA	13	0805	0815	0825	N09	W52	.783	13790	9.4	20	-B	3		0815	56	.9	
HTRP	13	0805	0816	0826	N07	W53	.794	13790	9.4	21	-N		C	0816	10	.2	D
HURB	13	0806E	0814	0826D	N10	W50	.761	13790	9.6	200	1B						D
MON T	13	0810	0815	0826	N07	W51	.773	13790	9.5	16	-F		C	0816	50		D
ZURI	13	0814E	0816	0826	N07	W52	.784	13790	9.4	120	-N		P	0816	20	.8	
GRP62721	13	1200+4	1204+2	1218	N14	W60	.860	13790	9.0	18	-F				60	1.2	
BUCA	13	1200		1215	N15	W60	.861	13790	9.0	15	-F		P	1205	63	1.2	
ZURI	13	1202	1204	1218	N13	W62	.877	13790	8.9	16	-F		C	1204	61	1.3	
ATHN	13	1204	1206	1221	N13	W57	.833	13790	9.2	17	-N	5	V		48		FDE
722 CATA	13	1425E	1430	1430	N10	W58	.843	13790	9.3	50	-N	3		1430	28	.5	
723 PALE	13	2339E	2341	2346D	N08	W47	.727	13790	10.5	70	-F	2	C		38		DE
	14	0108	0115	NO FLARE	PATROL												
GRP62724	14	0116E	0122	0132	N07	W62	.879	13790	9.4	16	-N				70	1.5	E
PALE	14	0116E	0122U	0128D	N08	W61	.870	13790	9.5	120	-N	2	C		80		DE
MITK	14	0116		0132	N06	W63	.888	13790	9.3	16	-N		C	0116	60	1.3	E
725 CULG	14	0221E	0222	0225D	N05	W69	.931	13790	8.9	40	-F		C	0222	40	1.1	
GRP62726	14	0508+0	0512+0	0517	N08	W62	.878	13790	9.6	9	-N				20	.4	FH
ATHN	14	0508	0512	0517	N08	W62	.878	13790	9.6	9	-N	4	C		16		F H
ATHN	14	0508	0512	0517	N08	W62	.878	13790	9.6	9	-N	4	V		16		F H
GRP62727	14	0608+0	0610+0	0614	S33	W70	.975	13803	9.0	6	-F				30		F
ATHN	14	0608	0610	0614	S33	W70	.975	13803	9.0	6	-F	4	V		32		F
ATHN	14	0608	0610	0614	S33	W70	.975	13803	9.0	6	-F	4	C		32		F
GRP62728	14	0659+0	0705+0	0709	N11	W89	.999	13790	7.6	10	-B				30		F
ATHN	14	0659	0705	0709	N11	W89	.999	13790	7.6	10	-B	4	C		32		F
ATHN	14	0659	0705	0709	N11	W89	.999	13790	7.6	10	-B	4	V		32		F
GRP62729	14	0700+6	0705+2	0713	N09	W64	.894	13790	9.5	13	-N				30	.7	F
WEND	14	0700		0846	N08	W66	.909	13790	9.3	106	1N		V		500	12.0	
CATA	14	0705	0705	0715	N10	W66	.909	13790	9.3	10	1N	3		0705	84		
ATHN	14	0706	0707	0710	N09	W63	.886	13790	9.6	4	-N	4	C		32		F
ATHN	14	0706	0707	0710	N09	W63	.886	13790	9.6	4	-N	4	V		32		F
GRP62730	14	0735>9	0747+4	0802	N08	W64	.894	13790	9.5	27	-N						
HURB	14	0735E	0747	0809D	N09	W63	.886	13790	9.6	340	1B						
MEUD	14	0750	0751	0754	N07	W66	.910	13790	9.4	4	-F		C	0751	30		
731 HTRP	14	0816	0822	0830	N08	W70	.936	13790	9.1	14	-F		C	0822	10		D
GRP62732	14	0938+7	0941+6	0956	N10	W69	.929	13790	9.2	18	1B				70		EH
ARCE	14	0926E		0945D	N10	W75	.962	13790	8.8	190	-B		C	0941	57		H
TEHR	14	0938E	0941	1006D	N11	W64	.893	13790	9.6	280	-N	4	V		73		DE
HURB	14	0939E	0947	1010D	N09	W68	.923	13790	9.3	310	1B						E
ATHN	14	0939E	0941	0951	N10	W64	.894	13790	9.6	120	1B	4	C		128		DE H
ATHN	14	0939E	0941D	0941D	N10	W64	.894	13790	9.6	20	1B	4	V		64		DE
ZURI	14	0940	0942	0958	N10	W72	.947	13790	9.0	18	1B		C	0942	82		
HTRP	14	0940	0942	0955	N08	W71	.942	13790	9.1	15	-N		C	0942	30		
MEUD	14	0943	0944	0952	N08	W71	.942	13790	9.1	9	-N		C	0944	70		
CATA	14	0945	0945	0950	N10	W70	.935	13790	9.2	5	1N	1		0945	84		

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IMPORTANCE	OBS.		MEASUREMENTS			REMARKS		
	DATE 1975 AUG	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	GCMATH FLARE REGION	GMR DAY			COND	TYPE	TIME UT	MEAS. AREA Mill. of Disk	CORR AREA Sq. Deg.			
					LAT.	MER. DIST.													
GRP62747	15	0907+3	0908+2	0918	N08	W81	.985	13790	9.3	11	-B								
TEHR	15	0907E	0909	0919D	N08	W83	.991	13790	9.2	120	-B	3	C		20			DE	
ATHN	15	0908E	0908U	0918	N08	W80	.982	13790	9.4	100	-B	4	C		24			DE	
ATHN	15	0908E	0903U	0918	N08	W80	.982	13790	9.4	100	-B	4	V		16			DE	
CATA	15	0910	0910	0915	N10	W80	.982	13790	9.4	5	-N	3		0910	28				
748 CATA	15	1010	1020	1025	N09	W80	.982	13790	9.4	15	-N	3		1020	28				
GRP62749	15	1458+2	1502	1535	N06	W85	.995	13790	9.2	37	-N				50			DHJ	
HUAN	15	1458	1502	1505	N08	W88	.999	13790	9.0	7	-F	1	C		10	.4		D	
BOUL	15	1500	1502	1512	N08	W79	.979	13790	9.7	12	-F	2	C	1502					
LVOV	15	1500	1514	1542	N06	W87	.998	13790	9.1	42	1F	4	C	1514	100			DHJ	
BOUL	15	1506	1510	1528D	N06	W82	.989	13790	9.5	22D	-N	2	C	1510	42	1.5			
HUAN	15	1508	1512	1535	N06	W88	.999	13790	9.0	27	-N	1	C	1512	30				
ZURI	15	1515E	1515	1534	N06	W84	.993	13790	9.3	190	1N	1	P	1515	63				
750 HUAN	15	1631	1642	1646	S12	E77	.981	13807	21.5	15	-F	2	C	1642	25			D	
751 HUAN	15	1720		1746	S11	E77	.980	13807	21.5	26	-F	1	C	1742	30				
752 HUAN	15	1829	1833	1837	S10	E75	.972	13807	21.4	8	-F	1	C	1833	30			E	
	15	1920	1940	NO FLARE PATROL															
753 MANI	16	0200E	0202	0214D	N09	W86	.996	13790	9.6	14D	-F	3	V	0202	20	.6			
GRP62754	16	0455E	0455	0502	N02	E72	.950	13808	21.6	7	-F								
ATHN	16	0455E	0455U	0502	N02	E72	.950	13808	21.6	7D	-F	4	C		48			DE	
ATHN	16	0455E	0455U	0502	N02	E72	.950	13808	21.6	7D	-F	4	V					DE	
GRP62755	16	0815	0815+3	0830	S12	E62	.902	13807	21.0	15	-B				30	.7			
CATA	16	0815	0815	0830	S13	E63	.911	13807	21.1	15	-N	3		0815	28				
ATHN	16	0816E	0818	0830	S11	E62	.900	13807	21.0	14D	-B	4	V		32			DE	
ATHN	16	0816E	0818	0830	S11	E62	.900	13807	21.0	14D	-B	4	C		32			DE	
GRP62756	16	0854+0	0857+0	0900	S11	E62	.900	13807	21.0	6	-F				20	.4			
ATHN	16	0854	0857	0900	S11	E62	.900	13807	21.0	6	-F	4	C		16			DE	
ATHN	16	0854	0857	0900	S11	E62	.900	13807	21.0	6	-F	4	V		16			DE	
GRP62757	16	1425	1429+1	1433	S06	W14	.323	13796	15.6	8	-F				20	.2			
BOUL	16	1425	1430	1436	S05	W14	.313	13796	15.6	11	-F	2	C	1430	32	.3			
ATHN	16	1427E	1429	1433	S07	W14	.335	13796	15.6	6D	-F	3	C		16			DE	
ATHN	16	1427E	1429	1433	S07	W14	.335	13796	15.6	6D	-F	3	V		16			DE	
	17	0153	0201	NO FLARE PATROL															
	17	0228	0232	NO FLARE PATROL															
	17	0239	0243	NO FLARE PATROL															
758 HURB	17	0900E	0907	0913D	S10	E48	.773	13807	21.0	13D	-N								
759 HURB	17	1156E	1158	1208D	S10	E45	.741	13807	20.9	12D	-F								
760 HURB	17	1244E	1246	1254D	S10	E44	.730	13807	20.8	10D	-N								
761 HUAN	17	1410	1411	1415	N05	E67	.918	13808	22.6	5	-F	2	C	1411	15			D	
762 HUAN	17	1628		1637	S11	E46	.756	13807	21.1	9	-F	2	C	1634	40	.6		E	
	19	1823	1907	NO FLARE PATROL															
	19	1944	2000	NO FLARE PATROL															
763 WEND	20	0855		0910	N28	W56	.838	13811	16.2	15	-F		V						
	20	1512	1528	NO FLARE PATROL															
GRP62764	20	1721+7	1729+2	1742	N26	W65	.903	13811	15.8	21	-F				.30				
HPR	20	1721		1728D	N26	W67	.916	13811	15.7	7D	-F		C	1728	20				
RAMY	20	1723	1730	1742	N25	W65	.902	13811	15.8	19	-F	3	C		45			DE	
PALE	20	1728	1731	1738	N28	W64	.898	13811	15.9	10	-F	3	C		28			DE	
RAMY	20	1728E	1729U	1742	N26	W65	.903	13811	15.9	14D	-F	3	V		27			DE	
	20	1925	1939	NO FLARE PATROL															
	20	1950	2050	NO FLARE PATROL															
	20	2147	2149	NO FLARE PATROL															
	21	0228	0230	NO FLARE PATROL															
765 WEND	21	0514		0528	N28	W70	.934	13811	16.0	14	-B		V						

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IMPORTANCE	OBS.		MEASUREMENTS			REMARKS		
	DATE 1975 AUG	START	MAX PHASE	END	APPROX		CENTRAL DISTANCE	McMATH FLARE REGION	CNR DAY			COND	TYPE	TIME UT	MEAS. AREA Mill. of Disk	CORR AREA Sq. Deg.			
					LAT.	MER. DIST.													
766 WEND	21	0629		0641	N28	W70	.934	13811	15.0	12	-N	V							
767 ZURI	21	0734	0744	0752	N28	W72	.945	13811	15.9	18	-F	C	0744	53					
768 ARCE	21	0800E		0810D	N26	W76	.963	13811	15.6	10D	-F	C	0800	90			H		
GRP62769	21	0835	0850	0854	S05	W68	.933	13796	15.3	19	-B								
ARCE	21	0835	0850	0900D	S05	W63	.899	13796	16.6	25D	-B	C	0850	165	1.7				
ATHN	21	0833	0838	0847	S06	W71	.951	13796	16.0	9	-B	1	0838	16	.6				
GRP62770	21	0836+4	0838+1	0905	N28	W72	.945	13811	16.0	29	-B			70			H		
			0850+4																
ZURI	21	0836	0850	0912	N28	W72	.945	13811	16.0	36	1B	C	0850	84					
MONT	21	0837	0839	0844	N27	W74	.954	13811	15.8	7	-F	C	0839	20					
ATHN	21	0838	0838	0906	N28	W72	.945	13811	16.0	28	-B	1	0838	33	1.2				
CATA	21	0840	0850	0900D	N28	W72	.945	13811	15.0	20D	-B	3	0850	56					
MANI	21	0845E	0845U	0856C	N27	W72	.945	13811	16.0	11D	1B	2	0845	100	2.3				
TEHR	21	0846	0954	0901	N27	W71	.940	13811	16.0	15	-B	4	70				H		
MONT	21	0849	0852	0903	N27	W74	.954	13811	15.8	14	-F	V	0852	40			D		
WEND	21	0850		0907	N28	W72	.945	13811	16.0	17	1B	V		400	10.7				
771 ATHN	21	0923	0927	0932	S07	W75	.971	13796	15.8	9	-N	1	0927	33	1.4				
GRP62772	21	0934E	0940	0951	N27	W73	.950	13811	15.9	17	-F								
ARCE	21	0859	0940	1000D	N26	W76	.963	13811	15.7	61D	-N	*	C	0940	81			HK	
WEND	21	0934		0942	N28	W70	.934	13811	16.1	8	-F	*	V					KH	
GRP62773	21	1449>9	1501+2	1515	N07	E16	.274	13808	22.8	26	-F			30	.3				
RAMY	21	1449	1501	1516	N08	E15	.257	13808	22.7	27	-F	3	C	18				FDE	
HTRP	21	1455	1502	1515	N08	E15	.257	13808	22.7	20	-F		C	1502	30	.3		E	
ATHN	21	1500	1503	1511	N06	E17	.291	13808	22.9	11	-N	1	1503	33	.6				
CATA	21	1500	1500	1500D	N07	E16	.274	13808	22.8		-F	3	1500	28	.3				
GRP62774	21	1509+6	1517+4	1547	N26	W74	.954	13811	16.1	38	1B							EU	
WEND	21	1509		1542	N28	W76	.963	13811	15.9	33	1B	V		500	13.4				
HTRP	21	1515	1519	1545	N26	W77	.967	13811	15.9	30	-B		C	1519	50			E	
RAMY	21	1515E	1517	1550D	N26	W71	.939	13811	16.3	35D	1B	4	C	190				DE	
RAMY	21	1515E	1517	1550D	N26	W71	.939	13811	16.3	35D	1B	4	V	190				DE	
ATHN	21	1519	1521	1538	N24	W76	.963	13811	15.9	19	-B	1		50	2.1			DE	
UPIC	21	1525E		1626	N27	W76	.963	13811	15.9	61D	2B	F	1525	163				U	
GRP62775	21	1523	1532	1546	S06	W80	.987	13796	15.6	23	-N								
HTRP	21	1523	1532	1536	S08	W80	.988	13796	15.6	13	-F		C	1532	20			D	
UPIC	21	1525E		1535	S06	W80	.987	13796	15.6	30D	1N	P	1525	61				C	
776 BOUL	21	1720	1724	1732	N26	W75	.959	13811	16.1	12	-F	2	C	1724	21	.6			
	21	1844	1903																
	21	1913	1916																
	21	1922	1929																
	21	1939	1942																
GRP62777	21	1947+1	1949+5	2007	N26	W77	.967	13811	16.0	20	-B								
RAMY	21	1947	1949	2002	N26	W77	.967	13811	16.0	15	-B	3	C	99				H	
RAMY	21	1948	1953	2004	N25	W74	.954	13811	16.3	16	1B	3	V	155				DE	
BOUL	21	1950E	1954	2017D	N27	W77	.967	13811	16.1	27D	-B	2	F	1954	64	2.0		DE	
HUAN	21	2000E		2010	N26	W80	.978	13811	15.8	10D	-F	1	P					H	
	21	2023	2107																
	21	2211	2222																
	21	2330	0015																
GRP62778	22	0108E	0118+1	0144	N27	W81	.981	13811	16.0	36	1B			80					
VORO	22	0108E	0118	0151	N28	W85	.991	13811	15.7	43D	1B		C	0118	100			H	
PALE	22	0118E	0119	0137	N27	W78	.971	13811	16.2	19D	-B	3	C	62				DE	
GRP62779	22	0441	0446+6	0501	N27	W83	.987	13811	16.0	20	-N			35					
TEHR	22	0441	0452	0501	N26	W84	.989	13811	15.9	20	-N	2	V	38				CE	
ATHN	22	0444	0445	0501	N28	W82	.984	13811	16.0	17	-N	1		0446	33	1.5			
GRP62780	22	0509	0527+4	0540	N27	W85	.991	13811	15.8	31	1B			80					
ABST	22	0509	0525	0525D	N27	W89	.998	13811	15.5	16D	1N		P	0525	105			DHZ	
WEND	22	0520		0610	N28	W85	.991	13811	15.8	50	2B		V	600	16.0			DZ	
ATHN	22	0524	0527	0541	N28	W84	.989	13811	15.9	17	-B	4	V	48				FDE	
TACH	22	0527E	0523	0533	N28	W85	.991	13811	15.9	6D	2F		V	0528	221			DH	
TEHR	22	0529	0531	0539	N26	W84	.989	13811	15.9	10	-B	3	V	55				DE	
UPIC	22	0529E	0530U	0540	N26	W84	.989	13811	15.9	11D	2B		P	0530	82				

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IMPORTANCE	OBS.		MEASUREMENTS			REMARKS	
	DATE 1975 AUG	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	MC MATH PLAGE REGION	CNR DAY			COND	TYPE	TIME UT	MEAS. AREA	CORR AREA		
					LAT.	MER. DIST.												Mill. of Disk
GRP62781	22	0553+0	0559+6 0622	0630	N26	W84	.989	13811	15.9	37	1B				50		AK	
UPIC	22	0553	0559	0630	N26	W85	.991	13811	15.9	37	1B	P	0559	61			K	
ATHN	22	0553	0605	0617	N28	W84	.989	13811	15.9	24	1B	V		48			CE	
TEHR	22	0558E	0604	0623	N26	W84	.989	13811	15.9	250	-B	3		44			DE	
CULG	22	0602E	0603	0623D	N25	W85	.992	13811	15.9	210	-B	F	0603	50	2.0			
CATA	22	0605E	0605	0645	N28	W82	.984	13811	16.1	400	1B	1	0605	112			A	
HURB	22	0612E	0622	0654D	N26	W83	.987	13811	16.0	420	1B							
782 UPIC	22	0710E		0710D	N26	W85	.991	13811	15.9		-F	P	0710	20				
GRP62783	22	0730E	0733	0740D	N26	W86	.993	13811	15.9	19	1F							
ABST	22	0730	0731	0742	N27	W89	.998	13811	15.6	12	1F	C	0731	90			A	
HURB	22	0732E	0738	0756D	N25	W84	.989	13811	16.0	240	1N						AD	
GRP62784	22	0905+9	0913+6	0941	N26	W85	.991	13811	16.0	36	-N				35		AD	
MONT	22	0905	0921	0928	N26	W80	.978	13811	16.4	23	-B	C	0921	40			D	
ATHN	22	0913	0918	0943	N28	W85	.991	13811	16.0	30	-N	1	0918	33	2.5			
UPIC	22	0915	0920	0936	N25	W86	.994	13811	15.9	21	1N	F	0920	41			A	
HURB	22	0917	0923	0947	N25	W86	.994	13811	15.9	30	1B						CE	
TEHR	22	0924	0924	0936	N26	W86	.993	13811	15.9	15	-N	3		30			D	
HERS	22	0931E	0931U	0945	N25	W87	.995	13811	15.9	140	1F	P	0931	189	3.9			
GRP62785	22	1018+5	1028+2	1045	N26	W85	.991	13811	16.1	27	1B				40		AD	
MONT	22	1013	1023	1032	N26	W81	.981	13811	16.4	14	-B	C	1028	40			E	
HURB	22	1021	1029	1106	N25	W84	.989	13811	16.1	45	1B						A	
UPIC	22	1023	1028	1044	N25	W87	.995	13811	15.9	21	1N	P	1028	41				
ATHN	22	1023	1030	1052	N28	W88	.996	13811	15.8	29	1B	1	1030	99	5.8		DE	
TEHR	22	1026E	1028	1031	N26	W86	.993	13811	16.0	50	-N	3		44			D	
HERS	22	1038E	1038U	1050	N25	W87	.995	13811	15.9	120	1N	P	1038	236	4.9			
786 ATHN	22	1035	1038	1050	S13	W24	.516	13807	20.6	15	? F	1	1038	247	5.0			
IMP	1	NO	MON T2															
GRP62787	22	1158+3	1220+0 1230+9	1252	N27	W88	.996	13811	15.9	54	1B						A	
RAMY	22	1158	1230	1254	N25	W87	.995	13811	16.0	56	-B	4					DE	
UPIC	22	1158	1230	1254	N27	W89	.998	13811	15.8	56	2B	P	1230	82			A	
HURB	22	1201	1232	1316	N26	W87	.995	13811	16.0	75	2B							
CATA	22	1205E	1210	1210D	N27	W83	.987	13811	16.3	50	-F	3	1210	28				
ATHN	22	1210	1212	1213	N28	W89	.997	13811	15.8	3	-B	1	1212	16	1.0		DE	
RAMY	22	1216E	1220U	1245D	N28	W88	.996	13811	15.9	290	-N	4					DE	
RAMY	22	1216E	1220U	1245D	N28	W88	.996	13811	15.9	290	-N	4					DE	
TEHR	22	1227E	1235	1246	N26	W88	.996	13811	15.9	190	-B	3		40			DE	
CATA	22	1230E	1230	1235D	N27	W83	.987	13811	16.3	50	1B	3	1230	112			D	
HERS	22	1237E	1237U	1250	N25	W88	.997	13811	15.9	130	2B	P	1238	346	7.1			
ATHN	22	1238	1239	1250	N28	W89	.997	13811	15.9	12	-B	1	1239	33	1.9			
788 BOUL	22	1302	1304	1306D	N27	W84	.989	13811	16.2	40	-F	1	1304	10	.4			
GRP62789	22	1335+9	1346+4	1401	N26	W87	.995	13811	16.0	26	-F				20			
UPIC	22	1335	1350U	1406	N26	W90	.999	13811	15.8	31	-F	P	1350	20				
HURB	22	1342E	1346	1406	N25	W88	.997	13811	16.0	240	1N							
CATA	22	1345	1345	1350	N28	W84	.989	13811	16.3	5	-F	3	1345	28				
BOUL	22	1345	1347	1355	N27	W71	.939	13811	17.2	10	-F	2	1347	10	.3			
ATHN	22	1346	1348	1355	N28	W89	.997	13811	15.9	9	-N	1	1348	16	1.0			
GRP62790	22	1425+5	1430+3	1441	N27	W90	.998	13811	15.9	16	-F				20			
UPIC	22	1425U	1430U	1441U	N26	W90	.999	13811	15.9	160	-F	P	1430	20				
BOUL	22	1427	1431	1442	N26	W90	.999	13811	15.9	15	-F	2	1431	10	.5			
ATHN	22	1430	1433	1439	N28	W89	.997	13811	15.9	9	-N	1	1433	16	1.2			
GRP62791	22	1715	1720+6	1742	N26	W89	.998	13811	16.0	27	-F				35			
BOUL	22	1715	1720	1742	N26	W90	.999	13811	16.0	27	-F	2	1720	21	.9			
PALE	22	1722E	1726U	1736D	N27	W88	.996	13811	16.1	140	-N	3		45				
792 HUAN	22	1900		1907	N08	W02	.039	13808	22.6	7	-F	1						
	22	2021	2028	NO FLARE PATROL														
GRP62793	22	2217+4	2222+5	2240	N28	W90	.998	13811	16.2	23	1N				120		Y	
RAMY	22	2217	2223	2235D	N27	W90	.998	13811	16.2	180	-N	3					Y	
BOUL	22	2220	2222	2300	N26	W90	.999	13811	16.2	40	1B	2	2222	107	4.5		Y	
PALE	22	2221	2227	2238	N29	W90	.998	13811	16.2	17	1N	3		120			Y	
PALE	22	2221	2227	2234D	N29	W90	.998	13811	16.2	130	1N	3		120			Y	
RAMY	22	2224E		2240C	N29	W90	.998	13811	16.2	160	-N	3					Y	
794 PALE	22	2348	2349	2353	N29	W90	.998	13811	16.2	5	-F	3		18				

H α SOLAR FLARES

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IMPOR- TANCE	OBS.		MEASUREMENTS			REMARKS
	DATE 1975 AUG	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	MCNATH PLAGE REGION	CMR DAY			COND	TYPE	TIME UT	MEAS. AREA Mill. of Disk	CORR AREA Sq. Deg.	
					LAT.	MER. DIST.											
GRP62795	23	0047+2	0052+5	0107	N08	W03	.055	13808	22.8	20	-N						DG
VORO	23	0047	0052	0107	N08	W04	.071	13808	22.7	20	-B						H
BOUL	23	0049	0057	010E	N06	W02	.039	13808	22.9	16	-F	1	C	0052	70	.7	
PALE	23	0049	0056	0107	N09	W02	.050	13808	22.9	18	-F	3	C	0057	90	.9	
796 ATHN	23	0454E	0454U	0457	N02	E24	.414	13816	25.0	30	-N	3	C		74	.8	DE
797 CATA	23	0845	0845	0900D	S12	W32	.602	13807	21.0	150	-F	3		0845	24	.8	DE
	24	0116	0128	NO FLARE PATROL													
	24	0133	0135	NO FLARE PATROL													
	24	0143	0147	NO FLARE PATROL													
GRP62798	24	1444+0	1446+2	1500	N09	W25	.420	13808	22.7	16	-N				90	1.0	HU
			1456														
BOUL	24	1444	1455	1512	N08	W24	.404	13808	22.8	28	-N	1	P	1456	85	.9	
ATHN	24	1444	1448	1500	N09	W25	.420	13808	22.7	16	-F	4	C		96		U
ATHN	24	1444	1448	1500	N09	W25	.420	13808	22.7	16	-F	4	V		96		U
RAMY	24	1444E	1445	1457D	N09	W25	.420	13808	22.7	130	-N	4	V		75		DE H
RAMY	24	1444E	1446	1457D	N08	W24	.404	13808	22.8	130	-N	4	C		72		DE H
GRP62799	24	2024+2	2033	2103	S11	W51	.807	13807	21.0	39	-F						U
			2042														
PALE	24	2024	2033U	2055	S10	W52	.814	13807	21.0	31	-F	2	C		25		U
BOUL	24	2026	2042	2110	S12	W51	.811	13807	21.0	44	-F	2	C	2042	85	1.4	
GRP62800	25	0615+1	0618+2	0629	S12	W53	.872	13807	20.9	14	-N				90	1.8	EG
CATA	25	0615	0620	0630	S13	W57	.867	13807	21.0	15	-N	3		0620	56	1.2	
ABST	25	0616	0618	0628	S12	W60	.888	13807	20.8	12	1N		C	0618	122	2.5	EG
801 CATA	25	0755E	0755	0805D	S13	W06	.357	13818	24.9	100	-N	3		0755	84	.9	
GRP62802	25	1306+5	1312+3	1339	S13	W60	.890	13807	21.0	33	-F				50	1.1	U
			1324+6														
BOUL	25	1306	1315	1339	S13	W61	.897	13807	21.0	33	-F	2	C	1315	53	1.1	
ATHN	25	1307	1312	1338	S12	W60	.888	13807	21.0	31	-F	4	C		48		UDE
ATHN	25	1307	1312	1338	S12	W60	.888	13807	21.0	31	-F	4	V		48		UDE
RAMY	25	1311	1324U	134E	S14	W60	.892	13807	21.0	35	-F	4	C		54		DE
RAMY	25	1325E	1330U	1337D	S12	W59	.880	13807	21.1	120	-F	4	V		54		DE
803 PALE	25	1926	1933	1944	S13	W12	.396	13818	24.9	18	-F	3	C		28		DE
804 PALE	25	2022	2030	2038	S14	W12	.409	13818	24.9	16	-F	3	C		15		DE
	26	0144	0210	NO FLARE PATROL													
805 HTPR	26	0613	0617	0624	S14	W23	.516	13818	24.5	11	-F		C	0617	20	.2	
806 HTPR	26	0644	0651	0655	S14	W23	.516	13818	24.6	11	-F		C	0651	10	.1	
807 HTPR	26	0718	0723	0735	S14	W24	.527	13818	24.5	17	-F		C	0723	10	.1	
808 HTPR	26	0753	0754	0754	S12	W19	.451	13818	24.9	1	-F		C	0754	10	.1	
809 ABST	26	0755	0759	0810D	S14	W23	.516	13818	24.6	150	-N		P	0759	105	1.2	DJZ
GRP62810	26	0845+6	0849+6	0904	S13	W20	.473	13818	24.9	19	-N				70	.8	EH
KHAR	26	0830E	0853	0913	S13	W19	.462	13818	24.9	430	1N		V	0910		1.5	EH
HTPR	26	0845	0853	0908	S13	W21	.484	13818	24.8	23	-B		C	0853	100	1.1	E
MONT	26	0848	0852	0901D	S13	W19	.462	13818	24.9	130	-N		C	0852	60		E
HERS	26	0849E	0843U	0857	S13	W19	.452	13818	25.0	80	-N		P	0850	32	.7	D
ATHN	26	0851	0855	0904	S12	W21	.474	13818	24.8	13	-N	4	V		80		DE
ATHN	26	0851	0855	0904	S12	W21	.474	13818	24.8	13	-N	4	C		80		DE
GRP62811	26	1230+5	1232+5	1241	S12	W20	.462	13818	25.0	11	-N				70	.8	E
ATHN	26	1230	1232	1241	S12	W19	.451	13818	25.1	11	-N	4	V		96		DE
RAMY	26	1231	1235	1241	S13	W21	.484	13818	24.9	10	-F	4	C		54		DE
HTPR	26	1235	1237	1241	S12	W20	.462	13818	25.0	6	-N		C	1237	60	.6	E
812 BOUL	26	2235	2243	2310	N09	W56	.823	13808	22.7	35	-F	2	C	2243	42	.8	
GRP62813	28	0432E	0432	0437	S13	W40	.701	13818	25.2	5	-N				50	.7	
ATHN	28	0432E	0432U	0437	S13	W40	.701	13818	25.2	50	-N	3	V		48		DE
ATHN	28	0432E	0432U	0437	S13	W40	.701	13818	25.2	50	-N	3	C		48		DE
814 HURB	28	0850E	0852	0910D	S13	W53	.832	13818	24.4	200	-N						
815 HURB	28	0916E	0918	0930C	S13	W46	.765	13818	24.9	140	-N						

H α SOLAR FLARES

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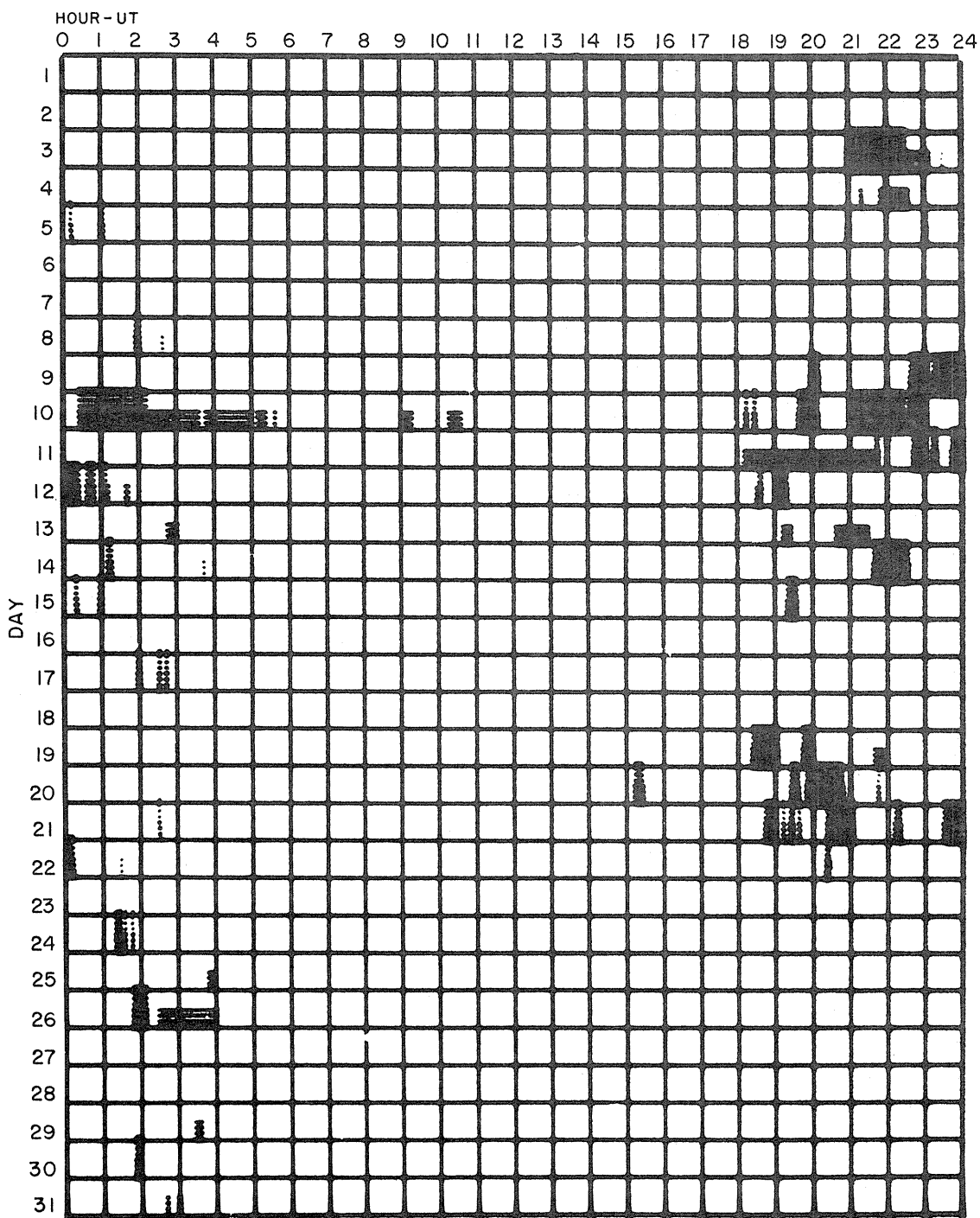
OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IMPOR-TANCE	OBS.		MEASUREMENTS			REMARKS		
	DATE 1975 AUG	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	MATH FLARE REGION	CNR DAY			COND.	TYPE	TIME UT	MEAS. AREA	CORR AREA			
					LAT.	MER. DIST.												MIL. of Disk	Sq. Deg.
GRP62816	28	1003+2	1006+1	1017	S13	W46	.765	13818	25.0	14	-N								
MONT	28	1003	1006	1015	S14	W44	.749	13818	25.1	12	-F								
ATHN	28	1005	1007	1017	S12	W46	.761	13818	25.0	12	-N	4	C	1006	35	.5		DE	
ATHN	28	1005	1007	1017	S12	W46	.761	13818	25.0	12	-N	4	C		40			DE	
UPIC	28	1010E	1010U	1017	S13	W47	.775	13818	24.9	60	-F		P	1010	32				
															32				
															32				
															41				
GRP62317	28	1036+0	1038+0	1043	N09	E80	.982	13826	4.4	7	-F				20				
ATHN	28	1036	1038	1043	N09	E80	.982	13826	3.4	7	-F	4	C		16			DE	
ATHN	28	1036	1038	1043	N09	E80	.982	13826	3.4	7	-F	4	V		16			DE	
GRP62818	28	1127+3	1131	1155	S14	W47	.779	13818	25.0	28	-F							D	
MCMA	28	1127	1131	1200	S15	W48	.793	13818	24.9	33	-N		C	1131	50	.8		D	
UPIC	28	1130	1140	1150	S13	W47	.775	13818	25.0	20	-F		P	1140	61				
GRP62819	28	1259+5	1306+4	1323	S13	W47	.775	13818	25.0	24	-N							D	
MCMA	28	1259	1306	1322	S15	W49	.802	13818	24.9	23	-B			1306	40	.8		D	
RAMY	28	1259	1310	1325	S14	W47	.779	13818	25.0	26	-N	4	C		50			D	
ATHN	28	1300	1307	1319	S12	W48	.782	13818	24.9	19	-B	4	V		27			DE	
ATHN	28	1300	1307	1319	S12	W48	.782	13818	24.9	19	-B	4	C		32			DE	
RAMY	28	1303E	1307	131E	S13	W44	.744	13818	25.2	130	-N	4	V		32			DE	
BOUL	28	1304	1308	1325	S13	W47	.775	13818	25.0	21	-N	2	C	1308	27			DE	
UPIC	28	1305E	1306	1325	S12	W48	.782	13818	24.9	200	-N		P	1306	64	.9			
TEHR	28	1308E	1310U	13250	S12	W48	.782	13818	24.9	170	-N	3	C		102			DE	
TEHR	28	1309E	1310U	13250	S12	W48	.792	13818	24.9	170	-N	3	V		30			DE	
															30				
GRP62820	28	1337+0	1339+0	1344	S12	W48	.782	13818	25.0	7	-N				20		.3		
ATHN	28	1337	1339	1344	S12	W48	.782	13818	25.0	7	-N	4	C		16			DE	
ATHN	28	1337	1339	1344	S12	W48	.782	13818	25.0	7	-N	4	V		16			DE	
821 PALE	28	1803	1806U	1819	S16	W54	.850	13818	24.7	16	-F	3	C		20			DE	
GRP62822	28	2329E	2334	23560	S12	W54	.839	13818	24.9	27	-F								
			2343																
PALE	28	2329E	2334	23550	S12	W54	.839	13818	24.9	260	-F	2	C		18			DE	
CULG	28	2339E	2343	23560	S13	W54	.841	13818	24.9	170	-F		C	2343	60	1.0			
823 PALE	29	0219	0221	0232	S14	W57	.869	13818	24.8	13	-F	3	C		20			DE	
824 ISTA	29	0650		0657	S13	W60	.890	13818	24.8	7	-F	*							
	30	0147	0154	NO FLARE	PATROL														

DAILY FLARE INDICES								
Includes all Flares								
Date	Flare Index	HR. OBS.	Date	Flare Index	HR. OBS.	Date	Flare Index	HR. OBS.
750801.	24.98	24.0	750811.	50.12	23.2	750822.	37.67	23.9
750802.	38.71	24.0	750812.	40.82	23.0	750823.	11.24	24.0
750803.	96.39	22.4	750813.	33.74	24.0	750824.	6.18	23.7
750804.	53.53	24.0	750814.	33.07	22.9	750825.	21.43	24.0
750805.	32.04	23.8	750815.	5.75	23.5	750826.	24.21	23.6
750806.	85.29	24.0	750816.	2.59	24.0	750828.	11.68	24.0
750807.	146.83	24.0	750817.	8.44	23.7	750829.	1.69	24.0
750808.	35.31	23.8	750819.	0.00	23.0	750830.	0.00	23.9
750809.	50.14	22.6	750820.	2.45	22.5			
750810.	124.46	19.6	750821.	19.28	21.8			

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

INTERVALS OF NO FLARE PATROL OBSERVATION
FOR PRECEDING SOLAR FLARE TABLE

AUGUST 1975



Observatories included in total patrol:

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

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).

26
Aug 75

SOLAR RADIO EMISSION OUTSTANDING OCCURRENCES

AUGUST 1975

AUG 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	2695 PENT	240 R	0100	0110	1	1.2	0.6			
	2695 PENT	24P R	0110		50 D	1.2				
	2000 TYKW	5 S	0129	0129.6	1.5	2	0.5		OR	
	3750 TYKW	5 S	0129	0129.6	2	4	1.5		OL	
	9400 TYKW	5 S	0129	0129.6	2	10	3		OL	
	9400 TYKW	20 GRF	0300	0335	120	12	4		OL	
	100 GORK	44 NS	0306	E	192		5			
	200 GORK	43 NS	0559		421 D		5			
	260 ONDR	44 NS	0650	E	514 D	20				
	3750 TYKW	45 C	0317	0321.4	6	10	6		OL	
	3750 TYKW	29 PBI	0323		20	5	3			
	2695 MANI	1	0319.8	0321.2	5.4	5.2	1			
	2950 GORK	1 S	0319.8	0321.3	3.8U	7	3.5			
	2000 TYKW	45 C	0319	0320.7	4	4.5	2		OR	
	2000 TYKW	29 PBI	0323		20	1	0.5			
	3800 MANI	4	0320	0325.9	6.3	27	10.8			
	4995 MANI	3	0320	0321.4	3.4	11.7	4.4			
	9650 IRKU	1 S	0506.7	0700	0.7	10				
	930 BORD	1 S	0813.8	0813.8	0.1	10	1			
	228 HARS	2 S	0912.5	0913.2	1.5	24	5			
	650 GORK	41 F	1120.2	1120.6	0.9	75	40			
	930 BORD	42 SER	1120.4	1120.8	0.5	10	2			
	650 GORK	40 F	1157.5	1159	2.2	10				
	2800 OTTA	32 ABS	1218	1243	74	-2	-1			
	2800 OTTA	1 S	1418	1419	3	1	0.5			
	2800 OTTA	240 R	1538	1628	50	2	1			
	2800 OTTA	24P R	1628		540 D	2				
	245 SGMR	48 C	2150.9	2153.2	2.9	872	174.4			
	410 SGMR	6 S	2151	2151.8	2.2	22.4	4.5			
	1000 TYKW	5 S	2252.6	2252.9	0.7	4	1		35R	
	2695 PENT	21A GRF	2304		105	4.6	2.6			
	2695 PENT	20 GRF	2305	2327	38	2.6	1.3			
	2000 TYKW	5 S	2305	2325	35	1.3	0.6		OL	
	3750 TYKW	5 S	2305	2325	35	3	1		OL	
	1000 TYKW	42 SER	2321	2324.9	10	20	1		50L	
	606 MANI	41	2323.7	2327.4	5.5	44.6	4.9			
	3750 TYKW	28 PRE	2444	0008	24	5	2			
	3750 TYKW	45 C	2408	2412.4	8	31	14		20L	
	3750 TYKW	29 PBI	2416		90	6	4			
	2000 TYKW	28 PRE	2344	2407	23	2.2	1			
	2000 TYKW	45 C	2407	2412.4	10	20	8		02R	
	2000 TYKW	29 PBI	2417		100	2.5	1.3			
	9400 TYKW	45 C	2356	0012.3	20	26	10		OL	
	9400 TYKW	29 PBI	2416		150	13	9			
	2	1420 BOUL	45 C	0006	0011.5	12	5	2		
		4995 BOUL	3 A	0007	0011.5	22.5	19	6		
		2695 BOUL	45 C	0007	0013	11.5	28	8		
		1000 TYKW	45 C	0007	0012.4	8	8	3		25L
		207 VORO	46 C	0007	0012	9	120			
		606 MANI	40	0007.5	0008.7	9.6	174	20.6		
2695 PENT		45 C	0006	0012.6	14.5	27.8	6.4			
2695 PENT			0006	0008.5	5	11				
2695 PENT			0011	0012.6	9.5	27.8				
4995 MANI		4	0008.1	0012.7	7.9	30.4	10.5			
2695 MANI		4	0008.1	0012.7	7.9	34.2	13.7			
8800 MANI		4	0009.5	0012.6	6.5	18	6			
2930 VORO			0013	0019						
8800 MANI		4	0031	0032.5	9.4	68	42			
4995 MANI		4	0031	0032.4	9.5	17.7	12.6			
200 GORK		44 NS	0304	E	112 D		30			
100 GORK		44 NS	0306	E	108 D		5			
260 ONDR		44 NS	0650	E	518 D	22				
127 TORN		44 NS	0740	E	260 D					
245 SGMR		44 NS	0940	E	2206.5	858 D	19.3			
410 SGMR		43 NS	1924	2048.3	274 D	23.2				
606 SGMR		43 NS	1954.1	2034.9	243.9D	9.4				
207 VORO		44 NS	2100	0040	240	13				
3100 CRIM		24 R	0712	0925		10				
930 BORD		21 GRF	0723	0746.3	40	20	7			
550 KIEV		1 S	0737.2	0737.4	0.5	25				
550 KIEV		1 S	0741.4	0741.7	0.5	26				
100 HIRA		45 C	0743.5	0744	1.5	200	90		ML	
9500 BERL		20	0923	E	0923	4.7				
408 TRST		41	0943.9	0944.9	1.7	35				
550 KIEV		6 S	0944.2	0944.8	1	25				
228 HARS		46 C	0957.5	0958	3	27	5			
221 ABST		6 S	0959	0959.2	2	36				
29 UPIC		45 C	0959.3	0959.6	1.3					
237 TRST		45	0959	0959.9	1.8	100				
113 POTS		40 F	1018.9	1019	2.4	200	15			
113 POTS		45 C	1058.9	1059.6	2.2	700	150			
29 UPIC		3 S	1113.1	1113.4	1.4					
1420 BOUL		1 F	1327.5	1328.5	2.5	2	1			

SOLAR RADIO EMISSION
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AUG 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		
	2695 BOUL	1 F	1327.5	1329.5	3.5	4	1		
	1470 BERL	1	1328.2	1328.5	1.3	1.2	0.6		
	930 BORD	45 C	1328.2	1328.6	0.7	9	2		
	3000 BERL	1	1328.3	1329	1.7	2.8	1.3		
	2800 OTTA	1 S	1328.5	1329.2	2.5	1.6	0.6		
	1420 BOUL	2 S	1357	1359.5	5.5	2	1		
	2695 BOUL	8 S	1359	1400.5	4	5	2		
	33 UPIC	8 S	1400.6	1400.6	0.7				
	29 UPIC	8 S	1400.7	1400.8	0.6				
	7000 SAOP	20 GRF	1447.9	1448.7	10.7	17.5	4.7		
	2800 OTTA	1 S	1448	1448.9	1	0.8	0.4		
	29 UPIC	8 S	1452.5	1452.8	0.7				
	33 UPIC	8 S	1452.8		1				
	29 UPIC	3 S	1456.3	1456.9	1.3				
	33 UPIC	3 S	1456.5	1457	1.8				
	2800 OTTA	26 FAL	1510	1540	30	-2.8	-1.4		
	2800 OTTA	20 GRF	1635	1647	55	1.6	0.8		
	4995 BOUL	1 S	1919.5	1921.5	6.5	11	3		
	4995 SGMR	20 GRF	1919.5	1921.9	13.5	10.9	6.6		
	2800 OTTA	20 GRF	1920	1922	15	1.4	0.7		
	8800 SGMR	22 GRF	1921.2	1922.4	12	10.8	6.5		
	2695 SGMR	2 S/F	1921.2	1922.3	8	3	.9		
	2800 OTTA	27A RF	1935		325	1.4	0.7		
	2800 OTTA	24 R	1935	2000	25	1.4	0.7		
	15400 SGMR	22 GRF	1936.9	2045	137.8	54.1	32.5		
	8800 SGMR	22 GRF	1938	2106.3	97.8	53	31.8		
	4995 SGMR	22 GRF	1938.2	2057.6	93.1	27.6	16.5		
	2695 SGMR	22 GRF	1940.3	2049.4	84.3	13	7.8		
	2800 OTTA	24PFR	2000		250	1.4			
	2800 OTTA	1 S	2005	2006	10	1.4	0.7		
	2800 OTTA	20 GRF	2015	2108	105	3	1.2		
	9400 TYKW	20 GRF	2220	2320	150	9	4		OL
3	3750 TYKW	5 S	2345	0012.9	60	6	2		OL
	4995 BOUL	8 S	0001.5	0002	2.5	11	3		
	2695 PENT	26 FAL	0010	0100	50	-2.8	-1.4		
	8800 PALE	1 S	0012 U	0012 U	4 U	13.2	3.9U		
	9400 TYKW	5 S	0012.5	0012.8	1	13	4		OL
	8800 MANI	3	0012.6	0012.9	2.2	26.2	9.5		
	4995 MANI	1	0012.6	0013	2.2	7.5	3.8		
	2695 PENT	240 R	0115	0130	15	1.4	0.7		
	3750 TYKW	20 GRF	0125	0230	90	3	1		OL
	2695 PENT	24P R	0130		30 D	1.4			
	1000 TYKW	5 S	0220	0230	20	0.8	0.3		
	2000 TYKW	20 GRF	0220	0230	40	1.2	0.4		OR
	200 GORK	44 NS	0303 E		117 D		50		
	100 GORK	44 NS	0303 E		117 D		20		
	200 HIRA	43 NS	0326	0513	314 D	90	25 D		WL
	100 HIRA	43 NS	0338	0450	302 D	550	70		MR
	260 ONDR	44 NS	0610 E		560 D	14			
	221 ABST	44 NS	0700	0717.8	240	8			
	127 TORN	44 NS	0700 E	1130 U	300 D	40 U			
	245 SGMR	43 NS	1200.2	1837.7	716.80	57.4			
	606 SGMR	43 NS	1315	1316.8	642 D	8.8			
	410 SGMR	43 NS	1323	1409.2	634 D	2.1			
	207 VORO	44 NS	2100	0036	240	15			
	9400 TYKW	45 C	0320	0350.3	68	85	38		1OR
	9400 TYKW	29 FBI	0428		90	35	10		
	1000 TYKW	45 C	0327	0354.7	40	435	25		SL
	1000 TYKW	29 PBI	0407		40	4	1		
	1415 PALE	46 C	0328 U	0357 U	46 U	129.7	27.6U		
	1415 PALE	46 C		0358 U		137.8			
	2930 VORO	45 C	0328	0351	74	215			
	950 GORK	47 GB	0328.6		47.1U				
	606 MANI	40	0328.6	0351.6	63.9	62	16.4		
	1415 MANI	40	0328.6	0358.9	56.8	168	35.8		
	650 GORK	23 GRF	0328.9		78		2.8		
	2000 TYKW	45 C	0328	0350	40	83	15		02R
	2000 TYKW	29 PBI	0408		50	3	1		
	8800 PALE	40 F	0329 U	0350 U	99 U	89.1	26.7U		
	950 GORK	45 C	0329.3	0331.1	8.8	31			
	950 GORK		0329.3	0332.5		72			
	950 GORK		0329.3	0336.4		16			
	2695 MANI	22	0329.8	0350.5	39.6	56	18.9		
	4995 MANI	22	0329.9	0350.6	44.3	108	35.4		
	3750 TYKW	28 PRE	0315	0329	14	2	1		
	3750 TYKW	45 C	0329	0350.9	40	73	25		
	3750 TYKW	29 PBI	0409		100	12	4		
	500 HIRA	27 RF	0329	0403	120	10	4		
	2950 GORK	46 C	0330.2	0332.5	23.3	40 U			
	8800 MANI	22	0330.9	0350.6	43.3	88	30.2		
	9650 IRKU	2 S	0335.6	0336.4	2.5	35			
	650 GORK	4 S/F	0335.8	0336.5	2.2	26	13		
	2930 VORO	47 GB	0336	0351	20	215			
	2930 VORO		0336	0337	3	209			

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AUG 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		
3	2930 VORO	29 FBI	0356	0357	46	158			
	2930 VORO		0346	0351	8	215			
	2950 GORK		0336.5	0336.5	23.3	80	U		
	200 GORK	48 C	0339.4	0351.2	29.8	5000			
	200 GORK		0339.4	0357.9		3500			
	100 GORK	48 C	0339.5	0352	21	1300		160	
	650 GORK	46 C	0343.9	0351.5	25	60			
	500 HIRA	45 C	0344		16			40	
	200 HIRA	45 C	0344		22			140	D
	200 HIRA		0344	0351 U		370	D		LR
	200 HIRA		0344	0357.8		370			LR
	500 HIRA		0344	0357.6		60			
	500 HIRA		0344	0351		85			
	950 GORK		0344.8	0353.4		156			
	950 GORK	45 C	0344.8	0347.4	13.5	153			
	950 GORK		0344.8	0354.8		340			
	228 HARS	28 PRE	0342.5	0343.5	1.5	15		8	
	228 HARS	47 GB	0344	0349	18	355		170	
	228 HARS		0345	0345.3	0.5	145			
	228 HARS		0355.5	0358	7.5	345			
	100 HIRA	45 C	0344	0352	42	230		100	ML
	2950 GORK		0351	0351		80	U		
	2950 GORK	29 FBI	0353.5	0357 U	30.5	20			
	650 GORK		0357.5	0357.5		37			
	228 HARS	40 F	0402	0404	4	24		15	
	1000 TYKW	45 C	0508	0512.5	6	4.5		1.5	
	606 MANI	45	0509.4	0512.8	10.4	11.8		8	
	1415 MANI	1	0510	0510.7	1	3.1		1.6	
	4995 MANI	1	0533.3	0533.7	1.5	4.1		2.1	
	8800 MANI	1	0533.3	0533.7	1.5	19.5		6	
	9650 IRKU	1 S	0533.3	0533.6	2.5	26			
	3750 TYKW	5 S	0533	0533.6	2	4		1	20L
	9400 TYKW	5 S	0533	0533.6	3	23		5	35L
	2000 TYKW	5 S	0621	0623	10	3		1	OR
	9240 ARGE	20	0746.1	0847.8	99				
	1470 BERL	20	0746.5	0747	7.5	0.8		0.4	
	3000 BERL	20	0746	0747	15	5		1.9	
	3100 CRIM	1 S	0746	0748	2	5		1	
	550 KIEV	4 SF	0846	0846.5	0.8	41			
	550 KIEV	46 C	0920.2		3.5	40			
	9240 ARGE	3	0951	0951.8	3.4				
	9240 ARGE	41	0951	1003.4	14				
	9500 BERL	1	0955.8	0956.3	2.2	7		3	
	9500 BERL	1	1002.2	1002.5	1.8	10		5	
	9240 ARGE	3	1003	1003.4	2				
	9240 ARGE	20	1214.4	1220.4	32				
	4995 SGMR	3 S	1217.8	1220.3	3	14		2.8	
	9400 HUAN	1 S	1218.6	1210.2	6.3	7.8		3.7	
	9500 BERL	1	1218.3	1220	21	10		5	
	8800 SGMR	3 S	1219.6	1220.4	3.1	14.1		2.8	
	6100 KISV	3 S	1250	1251	6	14			
	1470 BERL	22	1304.5	1306	28	2.2		0.9	
	9500 BERL	20	1305	1308	5	3		1.5	
	113 POTS	45 C	1307.6	1311.1	6.8	300		15	
	33 UPIC	46 C	1309.9	1312.7	21.3				
	29 UPIC	46 C	1310	1312.9	31.5				
	550 KIEV	27 RF	1353	1355	3.3	29			
	237 TRST	45	1354.4	1354.5	0.1	78		21	R
	2800 OTTA	21A GRF	1450	1610	155	3.2		1.8	
	2800 OTTA	1 S	1451	1451.3	1	1.2		0.6	
	2800 OTTA	250 R	1735	1855	80	4.4		2.2	
	1420 BOUL	2 S	1809.5	1811	4.5	4		1	
	7000 SAOP	3 S	1809.8	1810.6	2.4	29.4		14.1	52L
	8800 PALE	3 S	1810 U	1811 U	4 U	16.2		4.9U	
	606 SGMR	4 S/F	1810.3	1811.7	6.4	16.8		5	
	410 SGMR	6 S	1810.6	1811.7	4	7.8		2.3	
	9400 HUAN	3 S	1810.6	1811.4	2.5	14.3		5	L
	4995 SGMR	4 S/F	1810.7	1811.4	3.4	19.5		5.9	
	8800 SGMR	4 S/F	1810.7	1811.4	2.5	19.8		5.9	
	2695 SGMR	4 S/F	1810.7	1811.4	2.6	12.6		3.8	
	2800 OTTA	4 S/F	1810	1811.2	4	11.2		2.8	
	4995 BOUL	2 S	1810	1811	4.5	18		5	
	1415 PALE	1 S	1811 U	1812 U	4 U	3.2		.1U	
	1415 SGMR	1 S	1811	1812	5.3	3.6		1.1	
	2695 BOUL	2 S	1811	1812	4	9		3	
	8800 SGMR	22 GRF	1815	1837.9	45.1	16.8		10.1	
	4995 SGMR	22 GRF	1818.6	1836.5	125.4U	9		5.4	
	2695 SGMR	22 GRF	1821	1836.5	123 U	7.8		4.7	
	15400 SGMR	22 GRF	1821.1	1836.3	33.1	5.3		3.2	
	2400 OTTA	20 GRF	1832	1837	22	3.2		1.6	
	2800 OTTA	24P R	1855		250 D	4.4			
	2800 OTTA	20 GRF	1950	2018	175	6.2		2.8	
4	8800 PALE	1 S	0049 U	0049 U	1 U	6.5		.2U	
	1415 PALE	8 S	0049 U	0049 U	1 U	38.3		7.6U	

SOLAR RADIO EMISSION
OUTSTANDING OCCURRENCES

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AUG 1975	FREQUENCY STATION	TYPE	STARTING TIME	TIME OF MAXIMUM	DURATION	FLUX DENSITY		INT	POLARIZATION OR REMARKS
			UT	UT	MINUTES	$10^{-22} \text{ Wm}^{-2} \text{ Hz}^{-1}$ PEAK	MEAN		
	9400 TYKW	5 S	0049.3	0049.7	1.5	12	4		OL
	3750 TYKW	5 S	0049.3	0049.8	1	3	1		OL
	8800 MANI	3	0049.5	0049.9	2.6	19.7	6.1		
	2695 MANI	1	0049.5	0050.1	1.7	4.9	1.2		
	1420 SYDN	4 S/F	0049.5	0049.7	0.5				
	4995 MANI	1	0049.5	0050	1.7	5.8	1.9		
	1415 MANI	8	0049.6	0049.8	.9	64	8.1		
	9400 TYKW	20 GRF	0145	0200	60	6	3		OL
	2000 TYKW	20 GRF	0145	0210	60	1.2	0.6		OR
	3750 TYKW	20 GRF	0145	0200	60	4	2		OL078090F
	2000 TYKW	20 GRF	0300	0320	50	1	0.5		OR
	100 GORK	44 NS	0306	E	594	0	5		
	200 GORK	44 NS	0306	E	594	0	30		
	260 ONDR	44 NS	0625	E	535	0			
	221 ABST	44 NS	0700	0828.2	240	9			
	127 TORN	44 NS	0740	E	1137	280	35		
	245 SGMR	44 NS	0942	E	1340.5	854	0	42.4	
	3750 TYKW	20 GRF	0310	0330	50	1	0.5		OL
	9400 TYKW	20 GRF	0310	0350	140	6	3		OL
	3750 TYKW	5 S	0513.8	0514.1	1.5	2	1		OL
	1000 TYKW	5 S	0513.8	0514.2	2	1	0.4		OR
	2000 TYKW	5 S	0513.8	0514.3	2	3	1		OR
	720 SYDN	4 S/F	0513.8	0514	0.7				
	1420 SYDN	40 F	0514	0517.5	12				
	720 SYDN	8 S	0514.7	0514.8U	0.2				
	720 SYDN	4 S/F	0526	0526.3	0.4				
	1000 TYKW	5 S	0526	0526.2	2	6	1		
	2000 TYKW	5 S	0526	0526.4	2	0.8	0.3		OR
	650 GORK	3 S	0610	0610.7	0.8	30	15		
	221 ABST	6 S	0718	0718.2	0.5	35			
	29 UPIC	8 S	0817.6	0817.8	0.5				
	33 UPIC	8 S	0817.6	0817.7	0.6				
	221 ABST	6 S	0828	0828.2	0.5	36			
	550 KIEV	2 SF	0904	0904.2	0.5	40			
	550 KIEV	4 SF	0942	0942.9	1.8	48			
	3100 CRIM	24 R	0947	1044		4			
	408 TRST	45	1108.7	1109.1	1.4	72	18		
	550 KIEV	42 SER	1133		52	41			
	127 TORN	45 C	1133.5	1136	5	60			
	930 BORD	42 SER	1212.1	1212.5	0.4	10	2		
	808 ONDR	6 S	1212.4	1212.4	0.2	11			
	536 ONDR	6 S	1212	1212	0.2	6			
	237 TRST	41	1216.6	1216.8	0.3	60			R
	536 ONDR	7 C	1223.3	1223.9	1.5	37			
	808 ONDR	7 C	1223.7	1223.7	1	38			
	930 BORD	42 SER	1224	1224	0.2	15	2		
	2800 OTTA	22F GRF	1515		80	1.4	0.8		
	2800 OTTA	8 S	1944.2	1944.3	0.5	12			
	2800 OTTA	8 S	1946.5	1946.6	0.5	7.6			
	2800 OTTA	20 GRF	2100	2145	65	1.8	0.9		
	9400 TYKW	20 GRF	2245	2300	55	7	4		OL
5	9650 IRKU	1 S	0150	0151	4.5	25			
	9400 TYKW	5 S	0150	0150.9	2	25	6		15L
	9400 TYKW	29 PBI	0152		50	4	2		
	3750 TYKW	5 S	0150	0151.4	3	9	3		20R078082F
	3750 TYKW	29 PBI	0153		30	3	1		
	200 GORK	44 NS	0300	E	600	0	50		
	100 GORK	44 NS	0300	E	600	0	750		
	200 GORK	44 NS	0306	E	594	0	15		
	100 GORK	44 NS	0306	E	594	0	5		
	260 ONDR	44 NS	0640	E	512	0			
	127 TORN	44 NS	0700	E	440	0	22		
	245 SGMR	44 NS	0943	E	1743.5	852	31		
	100 HIRA	44 NS	2000	E	0619	800	0	415	100
	200 HIRA	44 NS	2000	E	0456	800	0	55	35
	207 VORD	44 NS	2300		0040	120	26		SL
	100 GORK	41 F	0411.8	0412.5	5.2	90			SL
	100 GORK		0411.8	0416.4		90			
	100 GORK	6 S	0534.8	0535.4U	1.4	90	30		
	200 GORK	6 S	0741.3	0741.5	1	80			
	100 GORK	41 F	0745.2	0745.3	17.80	90			
	100 GORK		0745.2	0751.7		80			
	100 GORK		0745.2	0800	U	90			
	550 KIEV	4 SF	0808.4	0808.8	1	48			
	200 GORK	8 S	0841.7	0841.9	0.4	800	400		
	113 POTS	45 C	0910.8	0911	0.9	100	20		
	550 KIEV	2 SF	0924.4	0924.7	0.5	30			
	100 GORK	6 S	0947.6	0948.3U	2.2	90			
	100 GORK	476 GF	1010	1010.8	10.7	20000			
	100 GORK	6 S	1032.5	1034	2.7	90	30		
	536 ONDR	6 S	1122	1122	0.2	17			
	113 POTS	45 C	1213	1213.1	0.6	150	20		
	808 ONDR	42 SER	1238.7	1240.8	5.5	17			
	536 ONDR	7 C	1238.7	1239.7	1.6	73			

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AUG 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			
A	606 SGMR	46 C	1239	1239.3	2.8	146.3	29.3			
	606 SGMR	46 C		1239.5		122.4				
	930 BORD	42 SER	1239.4	1241	1.8	11	2			
	650 GORK	45 C	1239.5	1239.7	1	88				
	650 GORK		1239.5	1240		27				
	113 POTS	45 C	1251.1	1251.3	1.2	200	20			
	113 POTS	45 C	1415.3	1415.4	0.5	120	30			
	606 SGMR	4 S/F	1444	1445	1.7	109.4	21.9			
	1420 BOUL	8 S	1445.5	1446.5	1.5	2	1			
	7000 SAOP	1 S	1446.4	1447.7	2	14.2	7.1			
	9240 ARCE	1	1446.9	1447.8	2					
	1420 ARCE	1	1447.3	1447.5	.6					
	9240 ARCE	20	1458.5	1505.7	12.3					
	2695 SGMR	2 S/F	1458.8	1502.6	9.7	2.6	.8			
	2800 OTTA	20 GRF	1458	1504	14	1.4	0.7			
	1420 ARCE	22	1500.2	1502.7	16					
	1415 SGMR	2 S/F	1502.5	1502.8	3.5	48	1.4			
	2800 OTTA	27F RF	1830		213	2.6	2.2			
	2800 OTTA	24 R	1830	1908	38	2.6	1.1			
	2695 BOUL	2 S	1841.5	1845	9.5	6	3			
	2800 OTTA	24P R	1908		155	2.6				
	2800 OTTA	20 GRF	1922	1930	30	1.8	0.9			
	2800 OTTA	20 GRF	2005	2040	75	4.6	2.3			
	2800 OTTA	26 FAL	2143	2203	20	-1.4	-0.7			
	2695 PENT	20 GRF	2340		60	0.6	0.4			
	6	9400 TYKW	5 S	0323	0333	30	6	3		OL
		720 SYDN	40 F	0503	0512.5	11				
		127 TORN	44 NS	0540 E	1040.2	520 D	300			
		260 ONDR	44 NS	0630 E		525 D	27			
		221 ABST	44 NS	0700	1055.2	240	9			
		245 SGMR	44 NS	0944 E	1122.8	850 D	60.5			
		410 SGMR	44 NS	0944 E	1538.7	850 D	13.3			
		100 HIRA	44 NS	2000 E	2133	800 D	690	260		SL
		200 HIRA	44 NS	2000 E	0015	800 D	40	15		SR
		207 VORO	44 NS	2100	2300	240	26			
		9240 ARCE	20	0938.6	0945.8	20.6				
		3100 CRIM	24 R	1009	1027		3			
		9240 ARCE	20	1010.5	1040.9	69				
		536 ONDR	2 S/F	1019.3	1019.8	1.8	8	4.6		
		550 KIEV	2 SF	1019.5	1019.8	1.3	33			
650 GORK		6 S	1019.5	1019.8	1.3	5.2	2.5			
1470 BERL		2	1019	1019.5	2	3.5	0.9			
3100 CRIM		1 S	1036	1039	10	2				
9240 ARCE		20	1133.5	1201.4	46					
2800 OTTA		1 S	1149.5	1150	1	1.6	0.8			
1415 SGMR		1 S	1209.5	1212.3	7	5.3	1.6			
7000 SAOP		1 S	1210.2	1212.2	3	16.1	8			
3000 BERL		3	1211.5	1211.8	2.5	15 U	5 U			
1470 BERL		1	1211.5	1212	2	4.6	1.4			
4995 SGMR		4 S/F	1211.7	1212.1	2.9	13.3	4			
1420 ARCE		3	1211.7	1212.2	1					
2695 SGMR		4 S/F	1211.8	1212.1	3.2	14.4	4.3			
930 BORD		42 SER	1212	1212.1	0.8	9	2			
8800 SGMR		4 S/F	1212.3	1213.2	2.3	10.5	3.2			
2800 OTTA		3 S	1212	1212.2	3	11.8	3			
3100 CRIM		1 S	1212	1212	3	6	2			
9240 ARCE		1	1228.9	1231.1	5					
7000 SAOP		20 GRF	1229.2	1231	4.8	13.8	6.9			
9240 ARCE		40	1247	1247.6	12					
2800 OTTA		24 R	1320	1345	25	2	1			
2800 OTTA		27 RF	1320		80	2	1.6			
2800 OTTA		24P R	1345		45	2				
8800 SGMR		4 S/F	1350.1	1350.3	.9	73	21.9			
2800 OTTA		26 FAL	1430	1440	10	-2	-1			
2800 OTTA		21A GRF	1450	1700	240	8.2	3.3			
9240 ARCE		21	1556.8	1646.7	100 D				AT SUNSET	
1420 BOUL		2 F	1607.5	1608.5	1.5	7	2			
1420 ARCE		2	1608.2	1608.9	1.2					
7000 SAOP		8 S	1626	1626.2	0.6	29.5	14.1			
7000 SAOP		29 PBI	1626.6		7.2					
9400 HUAN		3 S	1626.3	1626.8	5.3	25.4	7.6		L	
9240 ARCE		3	1626.7	1627	1.2					
9240 ARCE		29	1627.9		8.4					
2800 OTTA		1 S	1834	1835	2	0.6	0.3			
2800 OTTA		32A ABS	1927	2005	68	-3.4	-1.7			
2800 OTTA	45 C	2030.2	2031.9	2	1.2	0.5				
8800 PALE	3 S	2031 U	2031 U	3 U	16.2	4.8 U				
9400 HUAN	3 S	2031.6	2031.8	1	17.8	6.2		L		
2800 OTTA	22F GRF	2045	2155	90	3.8	1.9				
4995 BOUL	8 S	2230.5	2231	1.5	31	12				
2695 PENT	OSC	2310		100						
7	8300 PALE	3 S	0003 U	0009 U	9 U	6.6	1.9 U			
	2695 BOUL	2 S	0003	0005.5	5	5	2			

SOLAR RADIO EMISSION
OUTSTANDING OCCURRENCES

AUGUST 1975

AUG 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		
7	2695 PENT	20 GRF	0110	0135	50 0	2.6			
	1420 BOUL	2 S	0124.5	0130	9	7	3		
	4995 BOUL	2 S	0128.5	0131	4	14	5		
	2695 BOUL	2 S	0129	0131	3	6	2		
	8800 PALE	3 S	0130 U	0133 U	21 U	21.1	6.3U		
	4995 MANI	2	0130.4	0137.1	8.2	6.2	2.1		
	8800 MANI	4	0131.1	0134.3	7.5	19.6	3.3		
	9650 IRKU	2 S	0300	0304.2	10	40			
	4995 MANI	1	0300.4	0301.7	4.6	8.2	2.1		
	8800 MANI	4	0300.4	0301.4	4.6	26.1	4.9		
	200 GORK	44 NS	0305 E		437 0		30		
	100 GORK	44 NS	0306 E		474 0		150		
	260 ONDR	44 NS	0622 E		533 0	13			
	221 A9ST	44 NS	0700	1037.8	240	5			
	127 TORN	44 NS	0750 E	1037.5	320 0	200			
	245 SGMR	44 NS	0945 E	1453.3	847 0	11.8			
	410 SGMR	44 NS	0945 E	1459.1	847 0	10.5			
	100 HIRA	44 NS	2000 E	0026	800 0	310	170		SL
	200 HIRA	44 NS	2000 E	0432	800 0	90	55		SR
	207 VORO	44 NS	2100	0027	240	50			
	650 GORK	6 S	0441.5	0442.5	0.9	7.2	3.5		
	3100 CRIM	1 S	0832	0832	2	2			
	9240 ARCE	2	0851	0853.7	3.8				
	3100 CRIM	20 GRF	0859	0904	18	2			
	650 GORK	2 S/F	0917.8	0920.3	3	3.4			
	650 GORK	2 S/F	0917.8	0918.4	3	3.4			
	200 GORK	6 S	0951	0951.2	0.4	145	70		
	1420 ARCE	20	1111.7	1143.1	40.6				
	6100 KISV	1 S	1140	1142.1	7	7			
	550 KIEV	41 F	1141.3	1141.9	1	35			
	9240 ARCE	3	1141.8	1142.8	2.1				
	9500 BERL	1	1141	1142.5	11	9.5	3		
	7000 SAOP	3 S	1142.6	1142.7	3	19.4	9.1		
	113 POTS	45 C	1143.8	1144.9	5	1400	30		
	9240 ARCE	29	1143.9		14				
	550 KIEV	1 S	1234.5	1234.8	0.4	30			
	4995 BOUL	8 S	1247.5	1248	1.5	52	19		
	1420 BOUL	8 S	1247.5	1248.5	1.5	4	1		
	2800 OTTA	3 S	1248.1	1248.9	1.9	1.7	0.8		
	2800 OTTA	29 PBI	1250	1250	10	3.8	1.7		
	4995 SGMR	3 S	1248.2	1248.6	5.8	58.8	17.6		
	7000 SAOP	8 S	1248.2	1248.6	1	78.9	38.9		
	7000 SAOP	29 PBI	1249.2		10				
	8800 SGMR	3 S	1248.3	1248.6	4.2	14.3U	4.3U		
	2695 SGMR	3 S	1248.3	1248.7	6.3	17.2	5.2		
	9240 ARCE	3	1248.3	1248.8	2				
	1420 ARCE	1	1248.4	1248.7	1.2				
	1415 SGMR	1 S	1248.4	1248.9	3.5	2.5	.7		
	9400 HUAN	3 S	1248.4	1248.8	1.4	36.7	11.6		L
	1470 BERL	1	1248.5	1248.8	2	2.8	1		
	930 BORD	45 C	1248.6	1248.6	0.2	65	2		
	808 ONDR	6 S	1248.6	1248.6	0.2	18			
	3100 CRIM	1 S	1248	1249	10	10	5		
	3000 BERL	3	1248	1249	17	28	6		
	9500 BERL	1	1248	1248.8	12	32	8		
	2695 BOUL	8 S	1249	1249.5	1.5	9	3		
	9240 ARCE	29	1250.3		26				
	2800 OTTA	20 GRF	1357		33	2.2			
	550 KIEV	46 C	1404	1407.6	5.5	49			
	4995 BOUL	1 S	1425	1426.5	3.5	10	3		
	2800 OTTA	26 FAL	1437	1447	10	-2.2	-1.1		
	234 POTS	41	1453.5	1453.6	12	120	1		
	4995 BOUL	1 S	1459	1500	3	14	5		
	9400 HUAN	8 S	1500.2	1500.6	1	26.2	7.2		L
	9240 ARCE	3	1500.3	1500.8	4.4				
	2800 OTTA	20 GRF	1510	1540	50	1.6	0.8		
	9240 ARCE	20	1511.7	1514.1	8				
	9240 ARCE	20	1528.9	1535.2	22.5				
	4995 BOUL	1 F	1624.5	1625.5	3.5	12	4		
	7000 SAOP	8 S	1625.8	1626.4	0.8	38.6	18.7		
	7000 SAOP	29 PBI	1626.6		4.6				
	9240 ARCE	3	1626	1626.6	1.2				
	7000 SAOP	1 S	1731	1731.8	1.2	8.2	3.5		
	2800 OTTA	32A ABS	1810	1835	60	-2.2	-1.1		
	2800 OTTA	1 S	1839	1839.2	1.2	1	0.5		
	8800 PALE	22 GRF	1846.2	1854.6	26.8	7.7	4.6		
	7000 SAOP	20 GRF	1846.5		7.6	15.2	7		
	7000 SAOP	29 PBI	1854.1		8.9				
	4995 BOUL	3 S	1942.5	1949	17	12	4		
	2800 OTTA	20 GRF	1944	1947	30	3.2	1.1		
	2695 BOUL	3 S	1944	1949	10	4	1		
	2800 OTTA	20 GRF	2125	2132	20	1.2	0.6		
	9400 TYKW	5 S	2236.5	2236.7	1.5	15	5		OL
	2695 PENT	20 GRF	2333	2334.8	24	2.8	1.4		
	2695 BOUL	1 F	2335.5	2336.5	2.5	3	1		

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SOLAR RADIO EMISSION OUTSTANDING OCCURRENCES

AUGUST 1975

AUG 1975	FREQUENCY STATION	TYPE	STARTING TIME		TIME OF MAXIMUM	DURATION	FLUX DENSITY		INT	POLARIZATION OR REMARKS
			UT				UT	MINUTES		
8	260 ONDR	44 NS	0623	E		527	0	18		
	221 ABST	44 NS	0700		0717.8	180		9		
	127 TORN	44 NS	0700	E	1150	U	320	0	35	
	200 GORK	44 NS	0855	E			185	0		150
	100 GORK	44 NS	0900	E			180	0		50
	245 SGMR	44 NS	0946	E		1709.9	845	0		53.2
	410 SGMR	44 NS	0946	E		1441.8	845	0		4.4
	207 VORO	44 NS	2100		2306		240			14
	200 GORK	41 F	0858.1		0858.8	1.9			1500	
	200 GORK		0858.1		0859.6				4000	
	3120 GORK	20 GRF	0945.1		0945.2	9			29	9
	9240 ARCE	1	1003.6		1003.7	2				
	1420 ARCE	20	1005.7		1041.1	70				
	200 GORK	8 S	1022.8		1023	0.4		4000		
	9240 ARCE	22	1049.4		1051	19				
	9120 GORK	20 GRF	1050		1051	8.5			48	19
	228 HARS	45 C	1207		1207.5	1			90	35
	9240 ARCE	1	1258.8		1259.1	4				
	1420 ARCE	24	1258.9			56				
	2800 OTTA	20 GRF	1350			30		1		0.8
	9240 ARCE	2	1428.1		1430.3	3.6				
	18 MCMA	6 S	1531		1533	2				
	2300 OTTA	32 ABS	1605			35		-1.8		-1.2
	7000 SAOP	20 GRF	1637			4.9		11.6		5.8
	9240 ARCE	21	1637.5			22				
	1420 ARCE	1	1637.8		1638.8	1.5				
	9240 ARCE	1	1638.8		1639	0.6				
	7000 SAOP	3 S	1641.9		1645.4	4.6		18.6		9.3
	7000 SAOP	29 PBI	1646.5			17.3				
	2800 OTTA	22F GRF	1657		1707	20		1		0.7
	2800 OTTA	20 GRF	1920		1950	55		1.8		0.9
	2800 OTTA	22F GRF	2025		2055	60		1.2		0.9
2800 OTTA	20 GRF	2222		2231	20		1.2		0.8	
9	3750 TYKW	5 S	0022		0030	30		3	1	
	2000 TYKW	5 S	0113		0120	30		1	0.5	
	3750 TYKW	5 S	0114		0116	18		2	1	
	2000 TYKW	20 GRF	0220		0230	40		2	1	
	3750 TYKW	45 C	0224		0228.3	40		14	4	
	8800 PALE	40 F	0226	U	0228	U	26	U	8.9	2.7U
	8800 MANI	4	0226.7U		0228.7U	12.1U		33.2U	10	U
	4995 MANI	3	0226.7U		0228.7U	8.6U		23.5U	2	U
	9400 TYKW	45 C	0226		0229.8	35		15	3	
	2000 TYKW	5 S	0234		0234.1	1		3	1	
	1000 TYKW	5 S	0234		0234.1	1		0.8	0.3	
	200 GORK	44 NS	0259	E		421	0		5	
	100 GORK	44 NS	0300	E		420	0		5	
	260 ONDR	44 NS	0650	E		514	0		37	
	127 TORN	44 NS	0750	E	0951.4	250	0		9	
	245 SGMR	44 NS	0947	E	1327.2	843	0		129.2	
	207 VORO	44 NS	2100		2150	240			13	
	3750 TYKW	45 C	0335		0340.2	15			4	1
	2000 TYKW	45 C	0356		0400.7	80			2	0.6
	9400 TYKW	20 GRF	0510		0525	60			6	3
	550 KIEV	2 SF	0746.8		0747	0.3			32	
	550 KIEV	2 SF	1144.3		1144.7	0.8			28	
	237 TRST	42	1324.8		1327.3	2.7			61	
	18 MCMA	6 S	1430		1433	3				
	8800 SGMR	4 S/F	1511.7		1512.1	.7			22.6	6.8
	33 UPIC	3 S	1632.9		1633.2	0.5				
	29 UPIC	3 S	1633.1		1633.5	0.6				
	8800 SGMR	4 S/F	1712.4		1712.6	2.6			29.4	8.8
	2695 SGMR	20 GRF	1830.5		1843.3	19.5			3.6	1.4
	2800 OTTA	20 GRF	1832		1842	35			1.8	0.9
	4995 SGMR	3 S	1839.5		1841.8	11			14.9	4.5
	8800 SGMR	4 S/F	1839.8		1841.2	13			11.3	3.4
7000 SAOP	3 S	1840.8		1842	4			24.4	11.6	
7000 SAOP	29 PBI	1844.8			6					
4995 BOUL	2 S	1840		1841.5	2.5			11	4	
2800 OTTA	20 GRF	1933		1943	20			1.2	0.6	
2800 OTTA	20 GRF	2033		2037	50			1.8	0.9	
2800 OTTA	20 GRF	2135		2145	20			1.6	0.8	
9400 HUAN	3 S	2226.8		2228.8	3.1			25.1	14.6	
3750 TYKW	5 S	2251		2252	10			5	2	
10	3750 TYKW	5 S	0232		0235	14		2	1	
	100 GORK	44 NS	0309	E		348	D		5	
	200 GORK	44 NS	0309	E		408	D		20	
	260 ONDR	44 NS	0630	E		522	D		32	
	127 TORN	43 NS	0820	U	0926.7	150	D		15	
	245 SGMR	44 NS	0948	E	2052.3	840	D		66.1	
	410 SGMR	44 NS	0948	E	1226.6	840	D		7.8	
	207 VORO	44 NS	2100		2150	240			14	
	200 GORK	41 F	0407.6		0407.7	7			80	

SOLAR RADIO EMISSION
OUTSTANDING OCCURRENCES

AUGUST 1975

AUG 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		
10	A 200 GORK		0407.6	0414.2			60		
	200 GORK	41 F	0430.6	0431	19.6		80		
	200 GORK		0430.6	0438.3			80		
	200 GORK	41 F	0508	0508.3	3.1		80		
	200 GORK		0508	0510.1			80		
	9650 IRKU	1 S	0536.2	0536.4	0.5		11		
	3100 GRIM	26 FAL	0644	0741	174		2		
	200 GORK	6 S	0740.3	0740.5	0.4		80		
	1420 ARCE	20	0751.1	0804.3	52				
	9240 ARCE	20	0752	0804.2	32.5				
	200 GORK	6 S	0816.5	0816.7	0.5	100			
	9240 ARCE	1	0858.5	0858.6	0.7				
	1420 ARCE	20	0859.3	0906.8	48				
	9240 ARCE	20	0913.5	0914.5	27				
	3100 GRIM	24 R	0938	1145			5		
	9240 ARCE	22	0949	0951.1	48.5				
	6100 KISV	1 S	1021.3	1022.1	3.1		7		
	550 KIEV	42 SER	1243	1246.3	4		34		
	9400 HUAN	1 S	1304.2	1306.3	7		7.5	3.5	
	9240 ARCE	20	1311.8	1424.4	112.6				
	9240 ARCE		1311.8	1337	56.8				
	9240 ARCE		1408.6	1424.4	55.8				
	7000 SAOP	21 GRF	1315	1324.8	12.6		14.8	12.5	
	8800 SGMR	22 GRF	1319	1324.3	41.5		12.2	7.3	
	4995 SGMR	22 GRF	1319.6	1334.6	39.8		17.3	10.4	
	7000 SAOP	1 S	1323.6	1324.8	3.6		11.4	5.7	
	4995 BOUL	1 S	1323	1324	1.5		7	2	
	2695 SGMR	22 GRF	1333.5	1341	26.7		6.3	3.8	
	15400 SGMR	22 GRF	1333.7	1346.8	29.2		10.8	6.5	
	7000 SAOP	21 GRF	1333.8	1335.6	16.8		18.2	9.1	
	7000 SAOP	20 GRF	1333.8		16.8		8		
	4995 BOUL	2 S	1333	1334.5	5.5		17	6	
	7000 SAOP	3 S	1334.4	1335.6	4		11.4	5.7	
	9500 BERL	2	1334.5	1341.3	23.5		6	3	
	4995 BOUL	45 C	1404.5	1421	27		17	5	
	8800 SGMR	22 GRF	1405.1	1419.3	33		5.1	3.1	
	2695 SGMR	22 GRF	1405.2	1421.8	32.8		17.2	10.3	
	4995 SGMR	22 GRF	1405.2	1419.8	33		20.9	12.5	
	1415 SGMR	22 GRF	1406	1422	32.2		14.4	8.6	
	930 BORD	42 SER	1406.2	1406.4	0.2		11	2	
	606 SGMR	22 GRF	1407.9	1432.8	29.9		14.4	8.6	
	2800 OTTA	46F C	1408	1422	20		12.2	5.3	
	2800 OTTA	30A PBI	1428	1428	60		1.4	0.9	
	2695 BOUL	45 C	1409.5	1423.5	24		10	3	
	1420 BOUL	45 C	1409	1420	19		8	3	
	1470 BERL	46	1409	1420.5	19	U	11	3	
	3000 BERL	46	1410	1422.5	36	U	20	6	U
	15400 SGMR	22 GRF	1411	1429.2	33.8		12.5	7.5	
	9500 BERL	2	1411.5	1423	33		5	3	
	930 BORD	40 F	1411	1419.9	17		9	4	
	550 KIEV	27 RF	1412	1413.2	2.3		33		
	550 KIEV	7 C	1432.5	1433.2	2.4		37		
	228 HARS	45 C	1457.7	1458.5	3.1		50	14	
	4995 BOUL	1 S	1507	1508	2		7	2	
	2800 OTTA	1 S	1507	1508	2		2.8	1.4	
	2695 BOUL	1 F	1508	1508.5	2.5		4	1	
	2695 BOUL	3 S	1829.5	1832	14.5		12	4	
	237 TRST	45	1600.1	1600.2	0.2		31	7	
	4995 BOUL	45 C	1824.5	1830.5	32.5		32	6	
	4995 SGMR	3 S	1825.2	1826.7	2.2		12	3.6	
	7000 SAOP	45 C	1825.5	1832	10		41.1	19.9	
	7000 SAOP	29 PBI	1835.5		35				
	8800 PALE	22 GRF	1826	1831	90	U	18.9	11.3	U
	8800 SGMR	3 S	1826.3	1826.6	1.2		11.9	3.6	
	1415 PALE	8 S	1827	1827	1	U	14.2	2.8	U
	2800 OTTA	3 S	1829.5	1831	3.5		18.2	9.1	
	2800 OTTA	29 PBI	1833	1833	17		4.4	2.2	
	8800 SGMR	3 S	1829.9	1831.1	2.1		20.1	6	
	8800 SGMR	29 PBI	1832	1832	19.2		15.6	7.8	
	2695 SGMR	3 S	1830	1831.1	2.6		17.3	5.2	
	2695 SGMR	29 PBI	1832.6	1832.6	19.4		5.4	2.7	
	4995 SGMR	3 S	1830.1	1830.8	1.9		23.5	7	
	4995 SGMR	29 PBI	1832	1832	19.1		16.1	8.1	
	9400 HUAN	1 S	1830.4	1832.8	8.9		11.3	4	
	2800 OTTA	31 ABS	1850	1950	105		-4.4	-2.2	
	9400 HUAN	20 GRF	2013.4	2056.6	85.9		12.6	4.8	
	4995 SGMR	22 GRF	2031.3	2039.1	21.7	U	11	6.6	U
	8800 SGMR	22 GRF	2031.4	2040.6	21.6	U	11.5	6.9	U
	2695 SGMR	22 GRF	2031.5	2039.1	21.5	U	11.3	6.8	U
	4995 BOUL	1 F	2037	2038	11		13	3	
	2800 OTTA	22F GRF	2037	2039	65		4.4	2	
	2695 BOUL	2 S	2038	2040	4		3	1	
	2695 PENT	27 RF	2230		145		3.2	2.4	
	2695 PENT	24 R	2230	2322	52		3.2	1.6	
	2695 PENT	24P R	2322		66		3.2		

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AUG 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		
11	3750 TYKW	5 S	0020	0028	30	3	1		OL
	9400 TYKW	5 S	0020	0028	30	4	2		OL
	2695 PENT	26 FAL	0028	0055	27	-3.2	-1.6		
	1420 SYDN	1 S	0036.2	0036.2	0.5				
	720 SYDN	1 S	0036.5	0036.5	0.3				
	3750 TYKW	45 C	0100	0118	40	3	1		OL
	9400 TYKW	5 S	0110	0119	20	4	2		OL
	2695 PENT	1 S	0110	0111	4	4.6	1.5		
	2695 BOUL	8 S	0111	0112	2.5	5	2		
	2000 TYKW	5 S	0134	0138	15	3	1		OR
	720 SYDN	40 F	0135	0138.7	4				
	1420 SYDN	21 GRF	0135	0138.3	4.2				
	100 HIRA	45 C	0137	0137.4U	3	1800 D	500 D		SRS L
	100 HIRA	27 RF	0150	0222	74	20	15		OR
	3750 TYKW	20 GRF	0215	0230	100	4	2		OL
	100 GORK	44 NS	0300 E		180 D		5		
	200 GORK	44 NS	0300 E		179 D		20		
	9400 TYKW	5 S	0325	0330	35	5	2		OL
	100 HIRA	45 C	0331.5	0333	3	30	20		SRS L
	9400 TYKW	5 S	0421	0421.6	2	6	2		OL
	720 SYDN	40 F	0500	0500.6	2.5				
	3100 CRIM	24 R	0521	0904		6			
	100 GORK		0529	0533.2U		50			
	100 GORK	41 F	0529	0529.5U	7.2	50			
	650 GORK	20 GRF	0545.9	0551.1	12.9	6	3		
	260 ONDR	44 NS	0620 E		539 D	64			
	200 GORK	44 NS	0629 E		91 D		20		
	100 GORK	44 NS	0630 E		90 D		5		
	221 ABST	44 NS	0700	1018.2	240	9			
	127 TORN	44 NS	0700 E	1126.5	330 D	135			
	200 HIRA	43 NS	0719	0759	120 D	55	40		MR
	100 HIRA	43 NS	0719	0833 U	120 D	35 U	20		SL
	100 GORK	44 NS	0854 E		246 D		10		
	200 GORK	44 NS	0854 E		186 D		60		
	245 SGMR	44 NS	0949 E	1318.3	838 D	130.2			
	207 VORD	44 NS	2100	2142	240	33			
	100 GORK	41 F	0735.7	0735.9U	7.9	40			
	100 GORK		0735.7	0743.4		40			
	650 GORK	41 F	0735.8	0736	2.3	30			
	650 GORK		0735.8	0738		12			
	100 GORK	48 C	0743.6	0801 U	18.40	40			
	100 GORK	41 F	0901.2	0901.3	1.5	1000			
	100 GORK		0901.2	0902.3		1000			
	650 GORK	41 F	0909	0909.2	1.2	20			
	650 GORK		0909	0909.6		15			
	221 ABST	6 S	1017.8	1018.2	0.8	51			
	550 KIEV	40 F	1043	1043.9	1.7	28			
	200 GORK	8 S	1053.2	1053.5	1.8	3000			
	113 POTS	41 F	1124.5	1147	25	200	1		
	550 KIEV	41 F	1145		16	30			
234 POTS	45 C	1147	1147.1	1	120	20			
127 TORN	45 C	1147.7	1148.7	3.5	130	25			
127 TORN		1147.7	1149.3	2	120				
2800 OTTA	20 GRF	1220	1226	20	2.2	1.1			
550 KIEV	42 SER	1248	1251.3	12	51				
18 MCMA	6 S	1335	1338	3					
2800 OTTA	20 GRF	1350	1405	120	2.2	1.1			
2800 OTTA	20 GRF	1730	1743	30	1.6	0.8			
410 SGMR	6 S	1910.4	1913.2	3.4	2.1	.6			
606 SGMR	3 S	1913	1913.1	.6	10.1	3			
2800 OTTA	20 GRF	2202	2208	30	1.4	1			
2695 PENT	20 GRF	2340	2355	50	1.6	0.8			
12	2695 BOUL	2 F	0017.5	0018.5	2	31	11		
	3750 TYKW	20 GRF	0140	0200	120	4	2		OL
	2000 TYKW	20 GRF	0143	0200	120	3	1		OR
	100 GORK	44 NS	0300 E		600 D		40		
	200 GORK	44 NS	0300 E		600 D		10		
	260 ONDR	44 NS	0630 E		518 D	101			
	127 TORN	44 NS	0740 E	1025	250 D	4			
	3750 TYKW	5 S	0350	0352	40	3	1		OL
	200 GORK	41 F	0521.5	0522 U	14.8	150			
	100 GORK	41 F	0521.8	0522.1U	14.5	900			
	200 GORK		0521.5	0531.8U		150			
	200 GORK		0521.5	0536		100			
	100 GORK		0521.8	0532 U		900			
	100 GORK		0521.8	0536.1		900			
	2950 GORK	20 GRF	0615.9	0617.7	8	10			
	4995 MANI	1	0617.8	0618.4	1.4	7.1	2.4		
	2695 MANI	2	0617.8	0618.6	2.8	8.1	2.3		
	8800 MANI	1	0617.8	0618.6	1	5	1.7		
3100 CRIM	1 S	0617	0618	34	6	2			
3750 TYKW	5 S	0618 E	0618.1	2 D	7	2 U		OL	
200 GORK	41 F	0644.8	0645.4U	16.5	200				

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AUG 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			
13	200 GORK		0644.8	0649 U		200				
	200 GORK		0644.8	0656.6U		200				
	200 GORK		0644.8	0700.9U		200				
	3100 CRIM	40 F	0652	0653		2				
	200 GORK	6 S	0813.5	0813.7	0.5	200	100			
	200 GORK	6 S	0852.8	0853 U	0.3	250				
	550 KIEV	42 SER	0917.2	0922.3	10.5	43				
	650 GORK	41 F	0949.3	0949.6	4	28				
	650 GORK		0949.3	0953.1		14				
	650 GORK	4 SF	1028.1	1029.1	1.4	29				
	237 TRST	41	1101.9	1102.4	0.7	360			R	
	2800 OTTA	20 GRF	1133	1137	15	1.8	1			
	237 TRST	45	1157.8	1157.8	0.3	290	57		R	
	237 TRST	45	1212.4	1212.5	0.2	370	110		R	
	237 TRST	42	1220.2	1220.4	2.2	120			R	
	237 TRST		1220.2	1222.1		120			R	
	113 POTS	2 S	1222.3	1222.4	0.5	400	130			
	100 GORK	45 C	1230.7	1230.9U	1.1	35				
	100 GORK		1230.7	1231.6U		35				
	2900 OTTA	20 GRF	1230	1300	75	2.2	1.1			
	650 GORK	8 S	1231.2	1231.6	0.7	112	55			
	237 TRST	42	1253.6	1256.9	5.9	1100			R	
	237 TRST	45	1317.2	1317.2	0.1	30	9		L	
	237 TRST	45	1452.7	1452.8	0.2	81	28			
	237 TRST	42	1506.9	1508.2	2.4	280			R	
	9240 ARCE	2	1520.3	1521.8	5					
	1420 ARCE	1	1521.5	1521.8	0.5					
	2800 OTTA	27A RF	1600		130	1.2	1.1			
	2900 OTTA	24 R	1600	1610	10	1.2	0.6			
	2800 OTTA	24P R	1610		110	1.2				
	2800 OTTA	20 GRF	1623	1628	20	2.2	1.1			
	9240 ARCE	20	1625.3	1627.2	24					
	237 TRST	45	1650.9	1650.9	0.2	110				
	237 TRST	42	1713	1714	3.4	180			R	
	2800 OTTA	20 GRF	1719	1720.5	25	2.2	1.1			
	2800 OTTA	26 FAL	1800	1810	10	-1.2	-0.6			
	2800 OTTA	20 GRF	1828	1833	45	1.4	0.7			
	200 HIRA	44 NS	2000 E	2145	800 D	40	15		SR	
	100 HIRA	43 NS	2252	0435	628 D	80	20		SL	
	410 SGMR	6 S	2108.4	2114.9	24.3	6.3	1.9			
	245 SGMR	6 S	2109	2109.2	23.9	48.8	14.6			
	606 SGMR	22 GRF	2120	2121.2	13.3	3.4	1			
	9400 HUAN	3 S	2222.6	2226	4.4	17.6	5.5			
	13	127 TORN	44 NS	0850 E	1103.2	240 D	16			
		1415 PALE	8 S	0238 U	0238 U	1 U	13.3	2.6U		
		260 ONDR	44 NS	0610 E		544 D	17			
		6100 KISV	1 S	0723.2	0728	8.3	4			
		9240 ARCE	20	0738	0757.4	33				
		6100 KISV	20 GRF	0808	0818	32	3.5			
		550 KIEV	2 SF	1000.5	1001.2	1	31			
550 KIEV		2 SF	1003.4	1003.9	1.1	32				
221 ABST		48 C	1003.8	1005	2	59	20			
221 ABST		6 S	1015	1015.2	0.8	22				
550 KIEV		7 C	1018.5	1018.8	2	35				
221 ABST		41 F	1030.8	1031.2	1	22				
550 KIEV		42 SER	1257.2	1311.3	19	40				
18 MCMA		6 S	1317	1318	1				1	
550 KIEV		42 SER	1406		6	38				
2900 OTTA	20 GRF	1530	1625	85	1.2	0.9				
245 SGMR	43 NS	1829.8	1938.3	99.4	17.3					
2800 OTTA	1 S	2141	2143	4	1					
2695 PENT	20 GRF	2310	2316	40	1.6	0.8				
14	4995 BOUL	8 S	0012	0014	3.5	22	8			
	8800 PALE	22 GRF	0111.8	0114.3	15.5	21.3	12.8			
	1420 SYDN	1 S	0112.6	0112.7	0.4					
	9400 TYKW	5 S	0112	0114.1	4	18	5		30R	
	9400 TYKW	29 PBI	0116		70	5	2			
	9650 IRKU	1 S	0113	0114.2	3	13				
	8800 MANI	2	0113.2U	0114.2U	3.6U	8.7U	3.5U		RAIN	
	4995 MANI	3	0113.2U	0114.2U	3.6U	12.9U	4.3U		RAIN	
	2695 PENT	3 S	0113.5	0114.3	3	14.4	4.8			
	2695 PENT	29 PBI	0116.5	0116.5	28	2.4	1			
	2000 TYKW	5 S	0113	0114.3	4	5	1.5		OL	
	260 ONDR	44 NS	0720 E		470 D	67				
	606 MANI	40	0939.8	0940.8	3.1D	173 U	15.9U		RFI	
	6100 KISV	3 S	0940	0941	5	32				
	1420 ARCE	4	0940.1	0940.8	2.7					
	1415 MANI	4	0940.2	0940.8	2.6D	25.9	10		SUNSET	
	4995 MANI	4	0940.3	0941	2.6D	23.5	13.5		SUNSET	
	8400 MANI	4	0940.3	0941	1.3D	24.4	15.5		SUNSET	
2695 MANI	4	0940.3	0941	2.2D	36.1	11.7		SUNSET		
930 BORD	45 C	0940.3	0941	3.7	73	5				
808 ONDR	3 S	0940.4	0940.6	1	70					

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AUG 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		
	538 ONDR	3 S	0940.5	0940.5	0.4	195			
	408 TRST	45	0940.6	0940.7	0.5	550			
	510 POTS	45 C	0940.6	0940.9	0.7	300	75		
	1470 BERL	3	0940	0941	16	27	6.8		
	3000 BERL	4	0940	0941	5	42	13		
	9500 BERL	4	0940	0941	2	20	9.1		
	9240 ARCE	4	0940	0941.1	2.6				
	9240 ARCE	29	0942.6		9.6				
	1420 ARCE	29	0942.8		15.5				
	113 POTS	45 C	0951.4	0953.2	3.5	350	20		
	29 UPIC	3 S	1004.6	1005.2	1				
	33 UPIC	3 S	1004.7	1005.1	0.6				
	6100 KISV	20 GRF	1024.3	1046	59	6			
	6100 KISV	1 S	1029.3	1034.3	7	3			
	6100 KISV	1 S	1038.3	1041.3	5	7			
	3100 GRIM	1 S	1038	1041	15	4	1		
	9240 ARCE	20	1039.8	1056.8	105				
	805 ONDR	3 S	1041.2	1041.2	0.4	57			
	9500 BERL	20	1050	1056.5	22	4	2		
	113 POTS	45 C	1154	1154.1	0.3	200	40		
	237 TRST	41	1208.1	1208.1	0.3	36			L
	237 TRST	42	1238.4	1238.7	1.2	68			R
	234 POTS	45 C	1250	1256	15	140	30		
	7000 SAOP	1 S	1329.2	1330	1.2	12.5	5.7		
	2800 OTTA	45 C	1329	1330	1.5	3.4	1		
	4995 SGMR	2 S/F	1455.6	1456.8	7.9	7	2.1		
	2695 SGMR	2 S/F	1456.7	1458.8	2.6	1.3	.4		
	8800 SGMR	4 S/F	1456.7	1456.9	1.3	12.3	3.7		
	245 SGMR	6 S	1702.9	1703.3	1.2	16.4	3.3		
	410 SGMR	6 S	1703.2	1703.3	.2	.7	.3		
	237 TRST	45	1703.3	1703.3	0.2	160	48		R
	2800 OTTA	27 RF	1704		101	1.6	1.2		
	2800 OTTA	24 R	1704	1709	5	1.6	0.8		
	2800 OTTA	24P R	1709		51	1.6			
	2800 OTTA	26 FAL	1800	1845	45	-1.6	-0.8		
	410 SGMR	6 S	1949.7	1949.9	1.5	27.3	5.5		
	2800 OTTA	41 SER	1954.1	1956.1	2.2	2.2			
	2800 OTTA	1 S	1954.1	1955	1.1	2	1		
	2800 OTTA	8 S	1956	1956.1	0.8	2.2	1.1		
15	550 KIEV	42 SER	1013.5	1018	5.3	34			
	550 KIEV	1 S	1137.6	1137.9	0.5	30			
	606 SGMR	2 S/F	1406.8	1407.2	.5	4.3	.9		
	410 SGMR	6 S	1407.1	1407.2	.2	5.6	1.1		
	245 SGMR	6 S	1407.1	1407.2	.2	10.1	2		
	2800 OTTA	20 GRF	1505	1509	25	2.4	1.2		
	245 SGMR	6 S	1517.9	1518.3	2	13	3.9		
	1415 SGMR	2 S/F	1518	1518.7	1.5	3.8	1.1		
	410 SGMR	6 S	1518.2	1518.3	1.5	11.1	3.3		
	606 SGMR	4 S/F	1518.4	1519.1	1.2	17.3	5.2		
	2695 SGMR	1 S	1518.5	1518.9	.6	5.2	1.6		
	2695 BOUL	45 C	2324	2328	6.5	7	2		
16	550 KIEV	42 SER	1104.5		14.5	28			
	9240 ARCE	2	1246.5	1246.8	.8				
	8800 SGMR	3 S	1426.9	1427.1	1.3	15.1	4.5		
	4995 SGMR	1 S	1426.9	1427.1	.8	5.3	1.6		
	1415 SGMR	2 S/F	1809.7	1812.9	4.2	4.8	1.4		
17	18 MCMA	6 S	1642	1644	2				1
	18 MCMA	6 S	1909	1912	4				1
18	606 SGMR	4 S/F	1554.2	1554.4	.6	19.9	6		
	245 SGMR	6 S	1554.2	1554.6	.6	65.4	13.1		
	410 SGMR	6 S	1554.3	1554.6	.5	10.7	3.2		
	1415 SGMR	1 S	1554.3	1554.4	.3	2.4	.7		
	245 SGMR	6 S	1701.7	1701.9	.5	20.2	4		
	410 SGMR	6 S	1701.7	1701.9	.4	4.1	.8		
	606 SGMR	2 S/F	1701.8	1701.9	.3	8.1	2.4		
	1415 SGMR	1 S	1701.8	1701.9	.4	1.3	.4		
19	410 SGMR	6 S	1337.5	1337.6	.3	2.3	.7		
	606 SGMR	1 S	1337.5	1337.7	.6	3.4	1.1		
	245 SGMR	6 S	1337.6	1337.7	.3	9.8	2.9		
20	260 ONDR	3 S	1307.8	1308.3	1.5	4	1.2		
	260 ONDR	4 S/F	1354.2	1354.8	2	13	3.8		
	260 ONDR	2 S/F	1415.3	1416.2	2.5	7	4.8		
21	200 HIRA	45 C	0515		7		9		
	200 HIRA		0515	0516.4		10			OR
	200 HIRA		0515	0518.2		10			OR
	200 HIRA		0515	0519.5		10			OR
	200 HIRA		0515	0521.3		8			OR
	3750 TYKW	45 C	0515.7	0516.4	6	12	5		OL

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AUG 1975	FREQUENCY STATION	TYPE	STARTING TIME	TIME OF MAXIMUM	DURATION	FLUX DENSITY		INT	POLARIZATION OR REMARKS
			UT	UT	MINUTES	$10^{-22} \text{ Wm}^{-2} \text{ Hz}^{-1}$ PEAK	MEAN		
21	1000 TYKW	45 C	0515.7	0516.3	4	3	1		OR
	2000 TYKW	45 C	0515.7	0516.4	6	10	3		OR
	720 SYDN	40 F	0515.8	0516.3	3.2				
	1420 SYDN	40 F	0515.8	0516.4	3				
	3100 CRIM	3 S	0515	0517	7	12	4		
	500 HIRA	45 C	0516		3		4		
	500 HIRA		0516	0516.5		8			
	500 HIRA		0516	0517.7		6			
	500 HIRA		0516	0518.4		5			
	2695 MANI	4	0516.6	0517.6U	7.2	10.4U	4.1U		RFI
	8800 MANI	4	0516.6	0519.4	6.4	17.9	10.7		
	606 MANI	40	0516.6	0518.4	3.9	7.9	3.4		
	1415 MANI	40	0516.6	0517.3	4.8	4.5	2.5		
	4995 MANI	4	0516.6	0517.4	7.2	12.2	5.4		
	9240 ARCE	20	0742.3	0811.5	48.5				
	500 HIRA	45 C	0813.7	0821	7	90	35		
	3100 CRIM	3 S	0835	0842 U	16	752	17		
	3100 CRIM	29 PBI	0851	0852		2			
	3000 BERL	46	0835	0842.5	29	32	11		
	510 POTS	45 C	0836.3	0841.2	7.5	130	20		
	1470 BERL	46	0836	0838.8	14	12	4		
	9500 BERL	4	0836	0838.2	30	254	97		
	930 BORD	45 C	0836	0838	8	23	8		
	200 HIRA	45 C	0837	0842.6	13	370 D	80 D		WL
	4995 MANI	46	0837.2	0840	11	143	47.6		
	606 MANI	40	0837.2	0838.5	7.2	67 U	14.4U		RFI
	1415 MANI	46	0837.2	0839.4	10.3	10.8	4.3		
	8800 MANI	46	0837.5	0840	11.4	315	94		
	234 POTS	45 C	0837.8	0842.1	9.5	450	75		
	113 POTS	45 C	0837.9	0844.7	14	250	10		
	237 TRST	47	0837	0842.3	11	1200			
	228 HARS	47 GB	0837	0842.5	11	180	60		R
	29 UPIC	3 S	0838.2	0838.5	1.5				
	221 ABST	49 GB	0838.2	0840.2	8.2	147	47		
	33 UPIC	3 S	0838.3	0838.4	1.4				
	1420 ARCE	40	0840.7	0843.8	9.8				
	9240 ARCE	46	0841.6	0844.2	9.3				
	9240 ARCE		0841.6	0844.2	5.6				
	9240 ARCE		0847.2	0847.6	3.7				
	408 TRST	47	0841	0841.7	2.3				
	100 HIRA	45 C	0842	0846	9	250	80		WL
	228 HARS	2 S	0845	0845.7	0.9	19			
	260 ONDR	7 C	0847 E	0848.3	4	12	3.2		
	9240 ARCE	29	0850.9		26.6				
	260 ONDR	8 S	1316.3	1316.3	0.3	84			
	1470 BERL	4	1408.5	1410	9.5	3.5	1		
	3000 BERL	20	1408	1411	17	1.6			
	260 ONDR	45 C	1410.7	1416.8	10.5	11	3.3		
	9500 BERL	20	1410	1417	40	5.5			
	606 SGMR	47 GB	1509.7	1519.7	17.3	967	387		
	606 SGMR	30 PBI	1527	1527	36.1	4.9	2.9		
	606 SGMR	47 GB		1521.2		791			
	2695 BOUL	45 C	1516.5	1521.5	13.5	223	70		
	15400 SGMR	47 GB	1516.5	1519.7	10.5	1916	766		
	15400 SGMR	30 PBI	1527	1527	10.4	16.5	9.9		
	1415 SGMR	46 C	1516.6	1519.6	10.4	203	60.9		
	1415 SGMR	46 C		1524.1		60.1			
	1415 SGMR	30 PBI	1527	1527	10.5	2	1.2		
	930 BORD	45 C	1516.6	1519.8	11.4	730	70		
	2695 SGMR	4 S/F	1516.6	1519.7	10.4	155	46.5		
	2695 SGMR	30 PBI	1527	1527	9.9	1.3	.8		
	4995 SGMR	4 S/F	1516.7	1519.7	10.3	287	86.1		
	4995 SGMR	30 PBI	1527	1527	35.3	6.4	3.8		
	2800 OTTA	4A S/F	1516.8	1523.3	12	31	12.2		
	4995 BOUL	45 C	1516	1520.5	22.5	201	44		
	1420 BOUL	45 C	1516	1520	12	78	17		
	410 SGMR	49 GB	1517.8	1519.4	19.3	711	284.4		
	245 SGMR	49 GB	1518.3	1519.4	20.5	5923	1777		
	127 TORN	49 GB	1518.5	1523.2	12	10000 U			SUNSET
	2800 OTTA	4 S/F	1518.5	1519.5	3	114	47		
	7000 SAOP	47 GB	1518.6E	1520.1	8.2D	920.5	314.8U		
	7000 SAOP	29 PBI	1526.8		31.8				
	35000 SGMR	47 GB	1518.7	1519.6	8.3	2182	873		
	35000 SGMR	29 PBI	1527	1527	8.5	90.9	54.5		
	3800 SGMR	47 GB	1518.7	1520	8.3	1135	454		
	8800 SGMR	30 PBI	1527	1527	26.5	8	4.8		
	9240 ARCE	21	1518.8	1534.2	91				
	237 TRST	47	1518		15	260 D			
	228 HARS	47 GB	1518	1522.3	12	570	180		
	228 HARS		1519.5	1519.7	0.3	430			
	228 HARS		1520.5	1520.7	0.4	525			
	228 HARS		1520	1520.2	0.5	525			
	228 HARS		1522.4	1522.6	0.4	525			
	228 HARS		1522.8	1523	0.3	380			
	29 UPIC	42 SER	1520.3	1536.1U	20.4				

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			UT	UT	MINUTES	PEAK	MEAN		
	33 UPIC	42 SER	1520.4	1522.2	20.80				
	18 MCMA	6 S	1520	1525	5			2	
	1420 ARCE	47	1521.6	1525.5	11				
	1420 ARCE		1521.6	1525.5	6.5				
	1420 ARCE		1528.1	1529.1	4.5				
	9240 ARCE	4	1523.4	1525	9.4				
	1420 BOUL	23 GRF	1529	1531	8.5	3	1		
	4995 BOUL	1 S	1530	1530.5	1.5	6	2		
	8800 SGMR	1 S	1531	1531.2	1	6	1.8		
	1415 SGMR	1 S	1531	1531.4	1.3	4	1.2		
	606 SGMR	3 S	1531.1	1531.3	.8	22.1	6.6		
	15400 SGMR	1 S	1531.1	1531.5	.6	6.1	1.8		
	2695 SGMR	1 S	1531.2	1531.6	1.2	4.8	1.4		
	4995 SGMR	1 S	1531.2	1531.5	.7	5.4	1.6		
	930 BORD	45 C	1531	1531.4	1	10	2		
	2800 OTTA	1 S	1531	1531.3	1.5	5.2	2		
	2695 BOUL	8 S	1532	1532.5	2	6	2		
	245 SGMR	41 F	1543	1551.1	28.3	19.5	3.9		
	9240 ARCE	3	1552.4	1552.8	2				
	410 SGMR	6 S	1555.3	1555.4	.7	4.4	.9		
	606 SGMR	43 NS	1806.1	1845.9	100.7	9.6			
	245 SGMR	43 NS	1850.1	1901.5	34.8	3.3			
	8800 PALE	47 GB	1946 U	1948 U	23 U	154	156 U		
	8800 PALE	47 GB		1949 U		522			
	7000 SAOP	46 C	1946.4	1949.2	8.9	394.8	79.7		
	7000 SAOP	29 PBI	1955.3		10				
	7000 SAOP	30 PBI	1955.3	2000.3	10	36.3			
	4995 BOUL	45 C	1946.5	1948.5	8.5	111	39		
	8800 SGMR	46 C	1946.8	1948.2	8.2	124	133.1		
	8800 SGMR	46 C		1949.3		443.6			
	9400 HUAN	45 C	1946.9	1949.3	5.5	378.7D	94.2D		
	9400 HUAN	29 PBI	1952.4	1952.4	13.7	27	11.3		
	1420 BOUL	2 S	1946	1949	8.5	19	7		
	2695 BOUL	45 C	1947.5	1950	10.5	33	9		
	4995 SGMR	46 C	1947.6	1948.1	8.2	43.2	37.7		
	4995 SGMR	46 C		1949.3		125.8			
	606 SGMR	47 GB	1947.7	1949.3	8.1	916.9	275.1		
	1415 SGMR	46 C	1947.7	1948.7	6.7	35.1	10.5		
	1415 SGMR	46 C		1949.7		31.7			
	410 SGMR	6 S	1947.8	1949.5	15.2	125.6	37.7		
	15400 SGMR	46 C	1947.8	1948.2	7.3	89.7	109.7		
	15400 SGMR	46 C		1949.3		365.8			
	2695 SGMR	46 C	1947.8	1948.2	9.4	18.4	12.2		
	2695 SGMR	46 C		1949.3		40.5			
	2800 OTTA	F	1948.6	1950.2	3.4	42			
	2800 OTTA		1947.8	1948	0.8	19			
	2800 OTTA	46F C	1947.8	1950.2	4.2	42	16.8		
	2800 OTTA	29 PBI	1952	1952	5	3.2	1.6		
	1415 PALE	4 S/F	1948 U	1950 U	9 U	32.1	9.6U		
	35000 SGMR	4 S/F	1948	1949.4	6.6	185.2	55.6		
	245 SGMR	6 S	1948.4	1950.5	21.8	204.6	61.4		
	18 MCMA	6 S	1951	1952	3			1	
	4995 BOUL	1 S	1958.5	2000	3.5	15	5		
	1420 BOUL	2 S	1958.5	1959.5	3	1			
	2800 OTTA	1 S	1959.3	2000.2	3	7.4	2.8		
	8800 SGMR	3 S	1959.3	2000.4	3.8	16	4.8		
	2695 SGMR	1 S	1959.4	2000.3	2.2	6.8	2.1		
	2695 BOUL	3 S	1959.5	2001	2.5	7	2		
	4995 SGMR	3 S	1959.6	2000.3	2.4	15.8	4.8		
	1415 SGMR	1 S	1959.7	2000.3	1.6	1.8	.5		
	606 SGMR	1 S	1959.7	2000.4	1.3	3.8	1.2		
	7000 SAOP	3 S	1959.8	2000.3	2	29.3	14		
	9400 HUAN	3 S	2000	2000.2	2.5	16.7	6.4		
	15400 SGMR	1 S	2000.1	2000.6	1.8	6.5	1.9		
22	606 MANI	4	0114.5	0117.6	11.1	435	80		
	4995 BOUL	45 C	0114.5	0117	5 D	219	52		
	720 SYDN	45 C	0114.6	0117 U	10				
	1420 SYDN	45 C	0114.8	0116.8	10				
	1000 TYKW	45 C	0114	0116.9	11	485	35		03L
	8800 PALE	47 GB	0115 U	0118 U	13 U	601.6	180.5U		
	1415 PALE	3 S	0115 U	0116 U	10 U	206.7	62.1U		
	1420 BOUL	8 S	0115.5	0117	5 D	105	19		
	100 HIRA	45 C	0115.5		19		1100 D		
	100 HIRA		0115.5	0116.7U		2000 D			WL
	100 HIRA		0115.5	0118 U		2000 D			WL
	100 HIRA		0115.5	0119.6U		2000 C			WL
	100 HIRA		0115.5	0121.5U		2000 D			WL
	200 HIRA	45 C	0115.5		18		150 D		
	200 HIRA		0115.5	0116.7U		370 D			WL
	200 HIRA		0115.5	0118 U		370 D			WL
	200 HIRA		0115.5	0120 U		370 D			WL
	2000 TYKW	45 C	0115	0116.8	10	195	25		02R
	3750 TYKW	45 C	0115	0116.7	10	190	40		05R/05L
	3750 TYKW	29 PBI	0125		5	2	1		252073F

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AUG 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		
22	9400 TYKW	45 C	0115	0117.5	11	590	140		02R
	9400 TYKW	29 PBI	0126		14	4	2		
	2695 PENT	4 S/F	0115	0117	13	190	23		
	8800 MANI	4	0116 U	0117.8U	7.8U	330 U	91 U		
	2695 MANI	4	0116 U	0116.9U	8.7U	92 U	17.4U		RAIN
	1415 MANI	4	0116 U	0117 U	8.7U	146 U	36.5U		RAIN
	4995 MANI	4	0116 U	0117.8U	8.3U	110 U	36 U		
	500 HIRA	45 C	0116		10		70		
	500 HIRA		0116	0116.8		3000			
	500 HIRA		0116	0117.6		370			
	606 MANI	8	0116.9	0117	.3	2600	470		
	2695 BOUL	23 GRF	0117	0117.5	5.50	2E7	52		
	9650 IRKU	2 S	0118	0119	3	650			
	2000 TYKW	31 ABS	0125	0200	100	-1.4	-0.7		
	1000 TYKW	31 ABS	0125	0200	90	-0.8	-0.4		
	3750 TYKW	31 ABS	0130	0230	120	-4	-2		
	100 HIRA	45 C	0140.5	0150.3	10	30	15		SR
	9400 TYKW	31 ABS	0140	0240 U	120	-6	-3		RAIN
	200 HIRA	45 C	0141	0141.5	10	8	4		SLSR
	200 HIRA	45 C	0232	0236	8	6	3		WL
	29 UPIC	46 C	0525.5	0528.4	4.4				
	2695 MANI	40	0525.5U	0525.8U	6 U	10.1U	2.9U		RFI
	1415 MANI	40	0525.5	0528.4	6	25.8	4.3		
	33 UPIC	46 C	0525.6	0528.3	3.5				
	1420 SYDN	45 C	0525.8	0528.3	3.7				
	3100 CRIM	40 F	0525	0529	7	3			
	720 SYDN	40 F	0526	0528.1	3				
	100 HIRA	45 C	0526.3	0527.1	1.3	120	40		WL
	606 MANI	40	0526.4	0528.3	2.6	118	8.8		
	200 HIRA	45 C	0526		4		10		
	200 HIRA		0526	0528.2		150			OL
	200 HIRA		0526	0526.5		50			OL
	200 HIRA		0526	0529.1		55			OL
	4995 MANI	4	0527.7	0528.6	4.8	12	5.2		
	8800 MANI	4	0527.7	0528.6	4.8	64	25.1		
	9650 IRKU	2 S	0528	0528.3	3	56			
	100 HIRA	45 C	0528	0528.3	1	500	100		ML
	500 HIRA	5 S	0528	0528.4	0.7	220	120		
	606 MANI	40	0557.7	0601.4	11.2	34.3	5.4		
	1000 TYKW	45 C	0559	0604.4	7	22	3		OR
	2000 TYKW	45 C	0559	0601.8	11	22	3		OR
	500 HIRA	41 F	0600	0602.5	6	50			
	9650 IRKU	1 S	0600	0601	2	24			
	1415 MANI	40	0600.5	0602.5	4.5	16.3	3.4		
	4995 MANI	2	0600.5	0602.5	3.2	7.6	1.5		
	2695 MANI	2	0600.5	0602.5	3.9	5.8	2.2		
	8800 MANI	4	0600.5	0602.5	3.2	23.9	8.6		
	3100 CRIM	45 C	0600	0601		6	2		
	3100 CRIM		0600	0603	5	7	2		
	3100 CRIM		0600	0604		6	2		
	100 HIRA	45 C	0600 U		7		70		
	100 HIRA		0600 U	0603.4		400			WL
	200 HIRA		0600 U	0605.4		260			OR
	200 HIRA	45 C	0600 U		6		90		
	200 HIRA		0600 U	0604		300			OR
	100 HIRA		0600 U	0605		320			WL
	3750 TYKW	45 C	0600	0602.4	6	10	2		OL
	9400 TYKW	45 C	0600	0600.9	3 U	30	15 U		OLRAIN
	33 UPIC	46 C	0601	0603.2	4.4				
	29 UPIC	46 C	0601.1	0603.2	3.5				
	228 HARS	46 C	0601.7	0605.2	4.3	200	50		
	228 HARS		0602.7	0603.5	0.8	75			
	228 HARS		0604	0604.2	1	25			
	100 HIRA	45 C	0612.3	0614.1	2.7	290	80		WL
	1470 BERL	4	0920.5	0922	3.5	18	1.2		
	9500 BERL	1	0920	0921.5	5	6.2			
	6100 KISV	1 S	0921	0922.1	6	5			
	1420 ARCE	8	0921.3	0922.2	1.6				
	3100 CRIM	1 S	0921	0922	2	4	1		
	3000 BERL	1	0921	0921.5	2	4.7	2		
	9240 ARCE	1	0922.1	0922.3	0.6				
	4995 SGMR	4 S/F	1025.2	1027.8	5.9	191.9	57.6		
	6100 KISV	3 S	1026	1034	8	45			
	8800 SGMR	4 S/F	1026.4	1028.1	5.8	219.3	65.8		
	113 POTS	45 C	1026.8	1027.2	2	150	25		
	510 POTS	45 C	1027	1027.1	0.2	120	25		
	9500 BERL	3	1027	1027.2	3	30	7.5		
	1420 ARCE	3	1027.1	1027.7	1.7				
	9240 ARCE	3	1027.2	1027.8	4				
	1470 BERL	4	1027.2	1027.2	5.5	9.4			
	245 SGMR	6 S	1027.2	1027.7	4.6	9.1	1.8		
	29 UPIC	4 S/F	1027.2	1027.9	1.6				
	33 UPIC	4 S/F	1027.3	1027.8	1.7				
	408 TRST	42	1027.3	1031.4	4.6	44			
	260 ONDR	45 C	1027.3	1027.3	5	38	3.5		

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			UT	UT	MINUTES	$10^{-22} \text{ Wm}^{-2} \text{ Hz}^{-1}$ PEAK	MEAN		
	410 SGMR	41 F	1027.3	1031.5	4.8	32	6.4		
	1415 SGMR	41 F	1027.3	1027.7	5.5	8.8	1.8		
	2695 SGMR	4 S/F	1027.3	1027.8	2.4	53	15.9		
	127 TORN	42 SER	1027.5	1028	8	73			
	606 SGMR	41 F	1027.7	1031.3	5.3	17.4	3.5		
	3100 CRIM	3 S	1027	1028	5	35	12		
	237 TRST	41	1030.3	1030.6	1.5	64			R
	1420 ARCE	2	1030.9	1031.2	0.8				
	930 BORD	45 C	1031.1	1031.3	0.9				
	29 UPIC	3 S	1031.4	1031.7	0.4	41	3		
	33 UPIC	3 S	1031.5	1031.6	0.8				
	9240 ARCE	22	1207.1	1233.9	85.5				
	2800 OTTA	1 S	1214	1215	2	1	0.5		
	29 UPIC	2 S/F	1225.1	1225.3	0.7				
	33 UPIC	2 S/F	1225.3	1225.6	0.6				
	260 ONDR	42 SER	1225	1235	62	37	4		
	3000 BERL	46	1226	1233	12	29	2.8		
	2695 SGMR	22 GRF	1229.3	1233.3	10.1	86.2	25.9		
	15400 SGMR	4 S/F	1229.5	1233.7	9	15.4	4.6		
	35000 SGMR	4 S/F	1229.5	1230.2	1.5	173	52		
	4995 SGMR	2 S/F	1229.6	1233.6	8.9	8.8	2.6		
	8800 SGMR	4 S/F	1229.6	1233.6	8.9	19.7	5.9		
	9500 BERL	45	1231	1233.3	4	8.7	3.7		
	1470 BERL	46	1231	1231.6	6	7.7	3		
	1420 ARCE	40	1231.4	1231.8	6				
	2800 OTTA	45 C	1231.5	1231.9	4	8.8	3.6		
	1415 SGMR	2 S/F	1231.5	1233.2	8.9	8.9	3.5		
	808 ONDR	4 S/F	1231.5	1233.3	5	50	14.5		
	3100 CRIM	45 C	1231	1232	5	6	2		
	3100 CRIM		1231	1233		7	2		
	930 BORD	45 C	1231	1233.7	5	32	6		
	606 SGMR	4 S/F	1232	1233.2	6.4	58	17.4		
	510 POTS	45 C	1232	1233	2.5	15	2		
	536 ONDR	45 C	1232.6	1232.6	3.5	32	19.6		
	410 SGMR	6 S	1232.7	1233.2	4.8	13.3	4		
	7000 SAOP	1 S	1232.8	1233.7	2.7	19.4	11.4		
	29 UPIC	3 S	1233.1	1233.8	1.2				
	9400 HUAN	3 S	1233.3	1233.6	2.4	13.2	4.6		
	245 SGMR	6 S	1233.3	1235.6	4.6	15.2	4.6		
	33 UPIC	3 S	1233.4	1233.9	1.1				
	237 TRST	41	1235.2	1235.8	2	61	0		
	245 SGMR	6 S	1302.3	1318.1	23.1	5.4	1.1		
	410 SGMR	6 S	1303.3	1318.8	21.5	1.5	.3		
	9240 ARCE	40	1357.7	1403.3	8				
	410 SGMR	41 F	1714.4	1714.7	5.9	5.8	1.2		
	245 SGMR	41 F	1714.4	1719.1	7.6	14.5	2.9		
	18 MCMA	6 S	1720	1721	2				
	930 BORD	45 C	1739.9	1740	0.1	10	2		1
	245 SGMR	6 S	1759.8	1800.8	1.5	2.6	.8		
	410 SGMR	6 S	1800.6	1800.7	.2	2.5	.8		
	4995 BOUL	8 S	2219.5	2221	3	14	4		
	1420 BOUL	1 S	2220.5	2221.5	2	2	1		
	8800 PALE	1 S	2221	2221	2	6.5	1.9	U	
	2695 BOUL	8 S	2221.5	2223	3	14	5		
	245 SGMR	41 F	2221.7	2225.8	5.5	104.9	21		
	100 HIRA	45 C	2221.8	2222.2	0.6	90	30		WL
	200 HIRA	45 C	2221.8	2222.2	0.6	20	10		WL
	2000 TYKW	5 S	2221	2222.1	3	11	2		OL
	3750 TYKW	5 S	2221	2221.8	2	17	4		OL
	2800 OTTA	3 S	2221	2222	2	16.4	6		
	2800 OTTA	29 PBI	2223	2223	10	0.6	0.3		
	410 SGMR	41 F	2222	2225.1	10.5	10.4	2.1		
	200 HIRA	45 C	2225.2	2225.3	2	60	10		WL
	100 HIRA	45 C	2225.7	2225.8	1.5	65	15		WL
23	260 ONDR	1 S	1143.7	1143.7	2	6	2.5		
	7000 SAOP	20 GRF	1809.8		4.6	3.5			
24	3100 CRIM	24 R	0750	0836		2			
	2800 OTTA	20 GRF	1235	1255	85	1.4	0.7		
	18 MCMA	6 S	1547	1549	2				1
25	260 ONDR	43 NS	0740		126	21			
	245 SGMR	43 NS	1313	1422.3	167	3.5			
	2800 OTTA	240 R	1430	1450	20	1.8	0.9		
	2800 OTTA	24P R	1450		660	1.8			
	245 SGMR	6 S	1812.1	1813.3	2.8	12.2	3.7		
	1415 SGMR	3 S	1812.9	1813.2	.9	58	17.4		
	606 SGMR	3 S	1813	1813.3	.7	128	38.3		
	410 SGMR	6 S	1813	1813.3	.7	1.9	.6		
	2695 SGMR	3 S	1813.1	1813.2	.2	16.7	5		
	18 MCMA	6 S	1838	1841	4				
	2800 OTTA	20 GRF	1920	1935	40	1.6	1		2
	2000 TYKW	5 S	2135.5	2136	1.5	2.5	0.8		OR
	3750 TYKW	5 S	2135.5	2136	1.5	5	2		OL

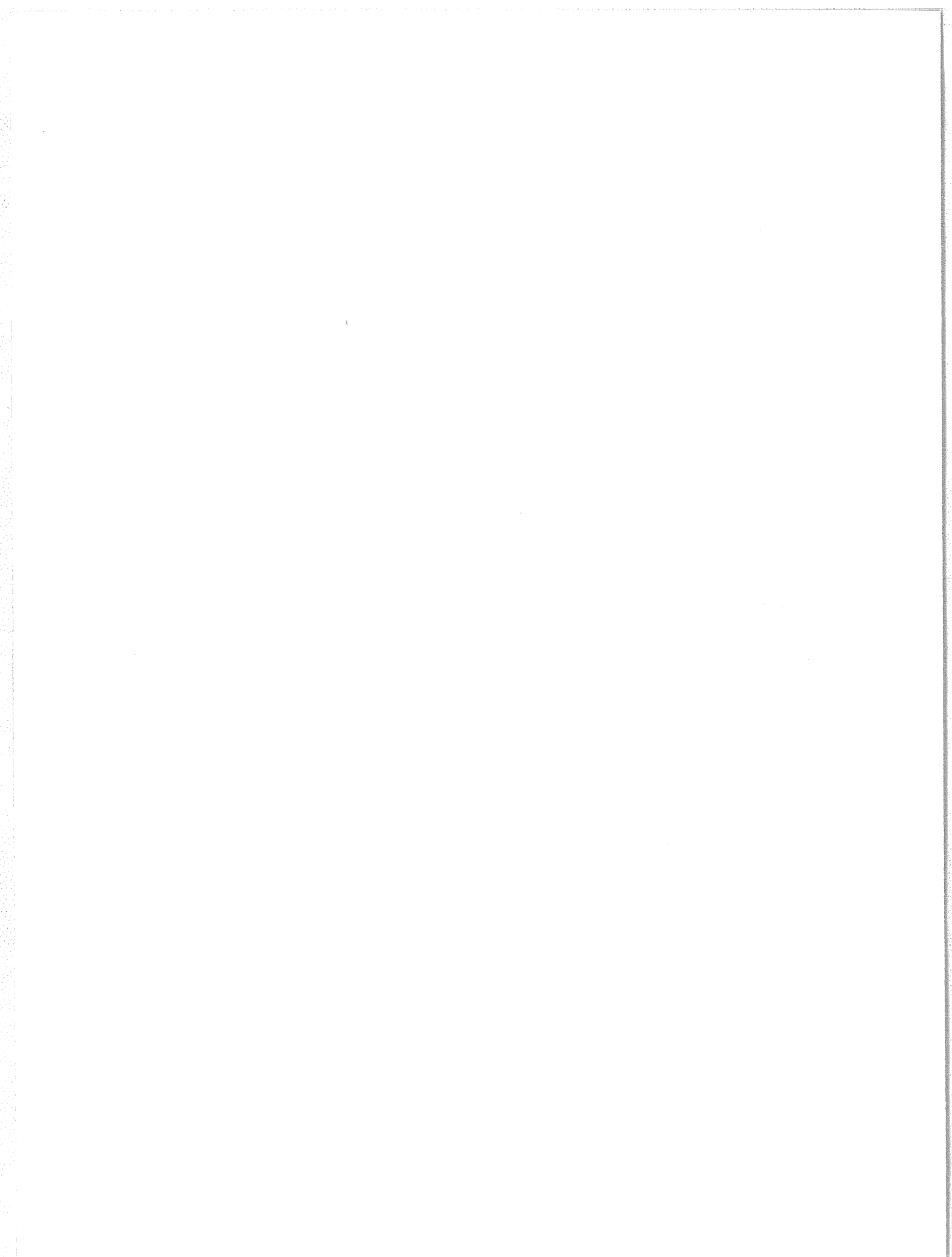
SOLAR RADIO EMISSION OUTSTANDING OCCURRENCES

AUGUST 1975

AUG 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			
26	9400 TYKW	5 S	2135.5	2136	1.5	10	3		OL	
	2000 TYKW	5 S	0756.5	0757.5	2	2	1		OR	
	3750 TYKW	5 S	0757	0757.6	1.5	3	1		OL	
	1000 TYKW	5 S	0757	0757.9	1.5	1.5	0.7		OR	
	9400 TYKW	5 S	0757	0757.4	1.5	7	3		OL	
	2800 OTTA	27 RF	1124		336	1.4	1.2			
	2800 OTTA	24 R	1124	1200	36	1.4	1			
	2800 OTTA	24P R	1200		240	1.4				
	245 SGMR	43 NS	1240.4	1246	36.8	2.3				
	245 SGMR	6 S	1539.4	1543.2	4.2	6.3	1.9			
	410 SGMR	6 S	1543.1	1543.3	.4	1.9	.6			
	2800 OTTA	26 FAL	1600	1700	60	-1.4	-0.7			
	27	260 ONDR	44 NS	0655 E		515 D	35			
		245 SGMR	44 NS	1006 E	1559.6	797 D	60.5			
207 VORO		44 NS	2100	2205	240	15				
221 ABST		6 S	0815.5	0816	1	28				
221 ABST		6 S	1001	1001.5	0.5	15				
28	3750 TYKW	5 S	0427.5	0428.7	3.5	6	2		OL	
	1420 SYDN	45 C	0427.8	0428.7	2					
	720 SYDN	45 C	0428	0428.8	1.3					
	2000 TYKW	5 S	0428	0428.8	3	5	1.5		OR	
	1000 TYKW	5 S	0428	0428.9	2	2	0.8		OR	
	9400 TYKW	5 S	0428	0428.7	2	3	1		OL	
	200 HIRA	45 C	0621.5	0622.1	2	80	30		SR	
	9500 BERL	20	1001	1006.5	24	5				
	1470 BERL	22	1003.5	1004	12	1				
	3000 BERL	22	1003	1006.2	20	2.2				
	2800 OTTA	1 S	1304.5	1305	3	4	2			
	3000 BERL	1	1304	1304.5	3	3.7	1.4			
	1470 BERL	1	1304	1304.8	2	1.6				
	18 MCMA	6 S	1610	1613	7				2	
9400 HUAN	3 S	2132.5	2208.3	41.6	15.8	5.7				
2695 PENT	20 GRF	2330	2350	90 D	2.2					
29	3100 CRIM	1 S	0549	0550	2	2				
	260 ONDR	44 NS	0635 E		512 D	8				
	3100 CRIM	24 R	0800	1146		4				
	930 BORD	3 S	1453	1455.5	10	13	5			
	245 SGMR	43 NS	1746.8	1914.2	332.2D	16.5				
	410 SGMR	43 NS	2003.8	2004.5	195.2D	11.5				
	9400 HUAN	20 GRF	2149.6	2213.9	32.7	13.4	12.4			
30	9400 HUAN	20 GRF	2150.4	2208	21.2	13.5	4.6			
31	9240 ARCE	20	0714.9	0732.2	44					
	18 MCMA	6 S	1833	1834	2				1	

Reports received from the following observatories:

ABST = Abastumani	DWIN = Dwingeloo	IZMI = Moscow Izmiran	OTTA = Ottawa	SYDN = Sydney
ARCE = Arcetri	GORK = Gorky	KIEV = Kiev	PENN = Penn. State Univ.	TORN = Torun
BERL = Berlin-Adlershof	HARS = Harestua	KISV = Kislovodsk	PENT = Penticton	TYKW = Toyokawa
BORD = Bordeaux	HIRA = Hiraiso	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)



JULY 1975 DATA

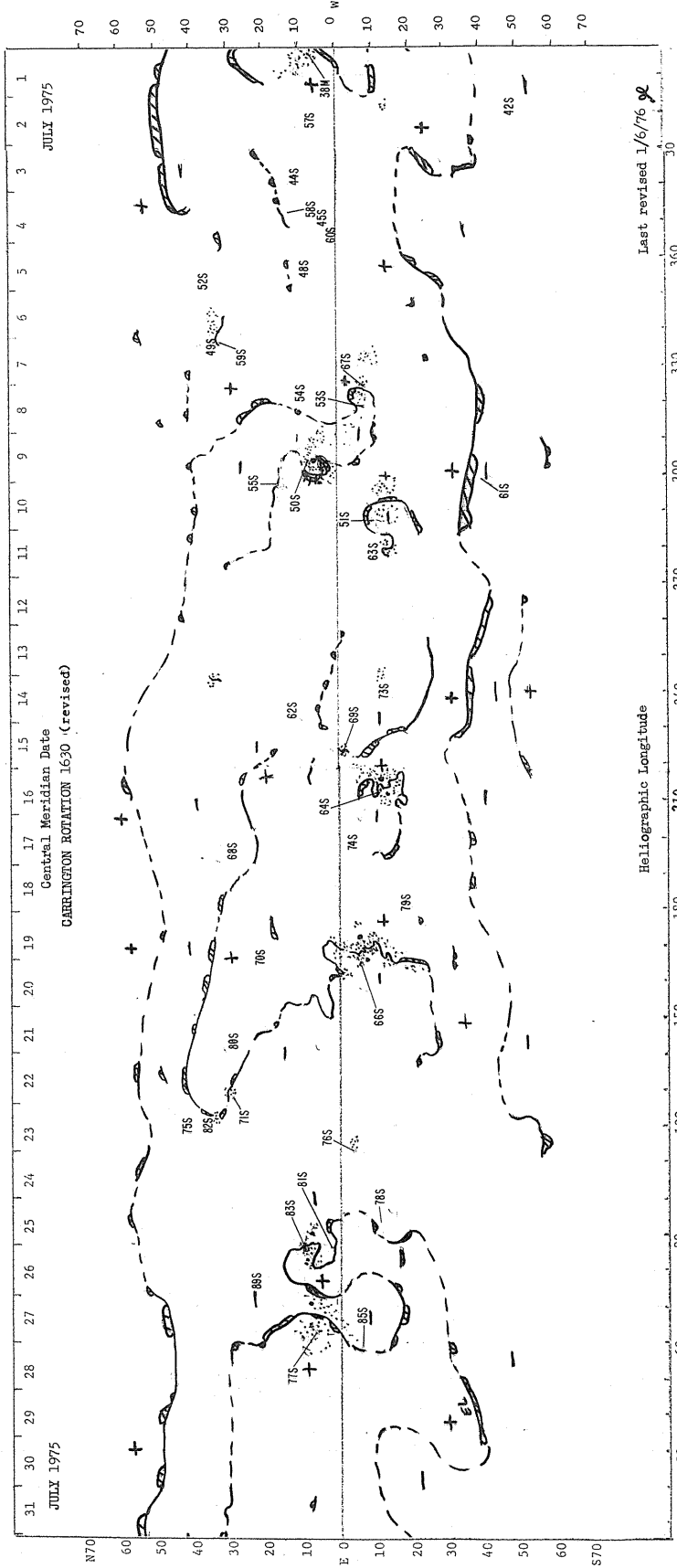
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ABBREVIATED CALENDAR RECORD

H α SYNOPTIC CHART

JULY 1975



ABBREVIATED CALENDAR RECORD

JULY 1975

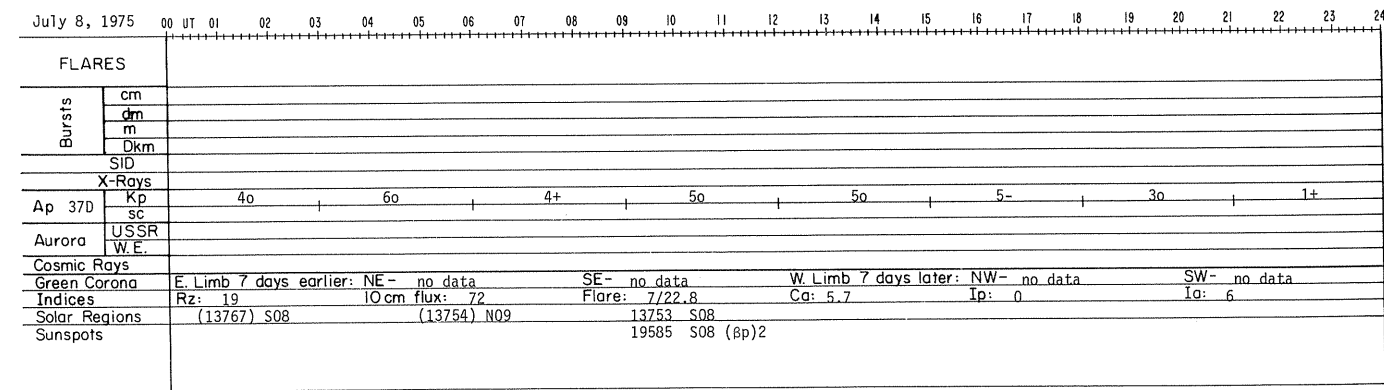
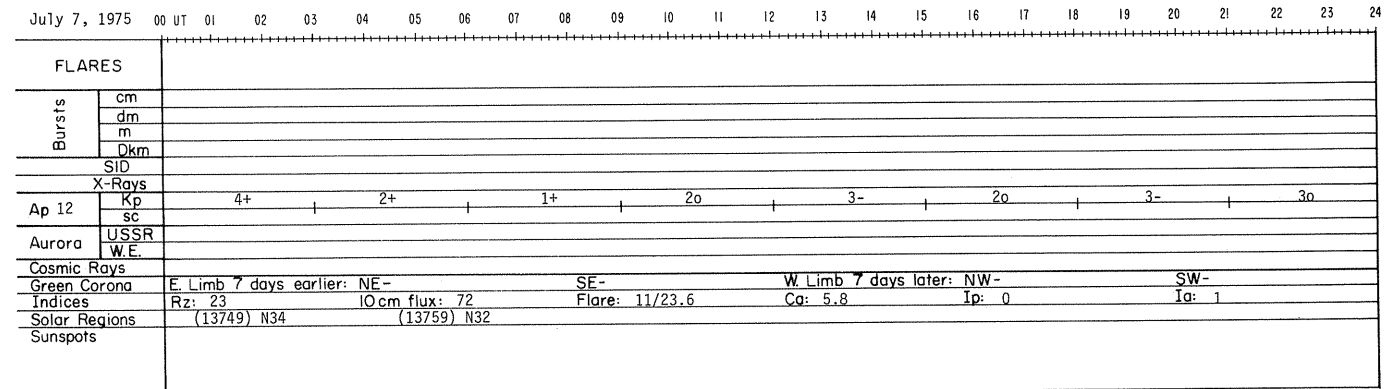
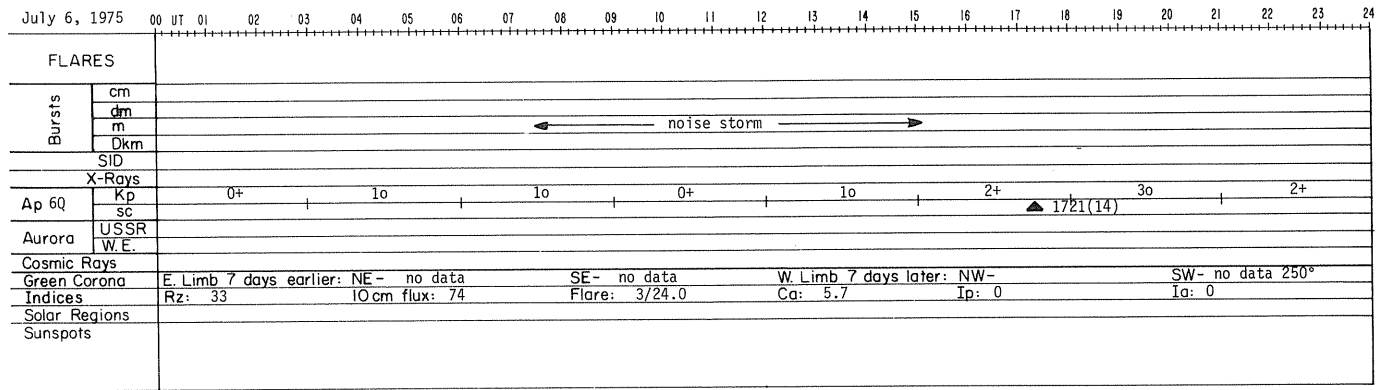
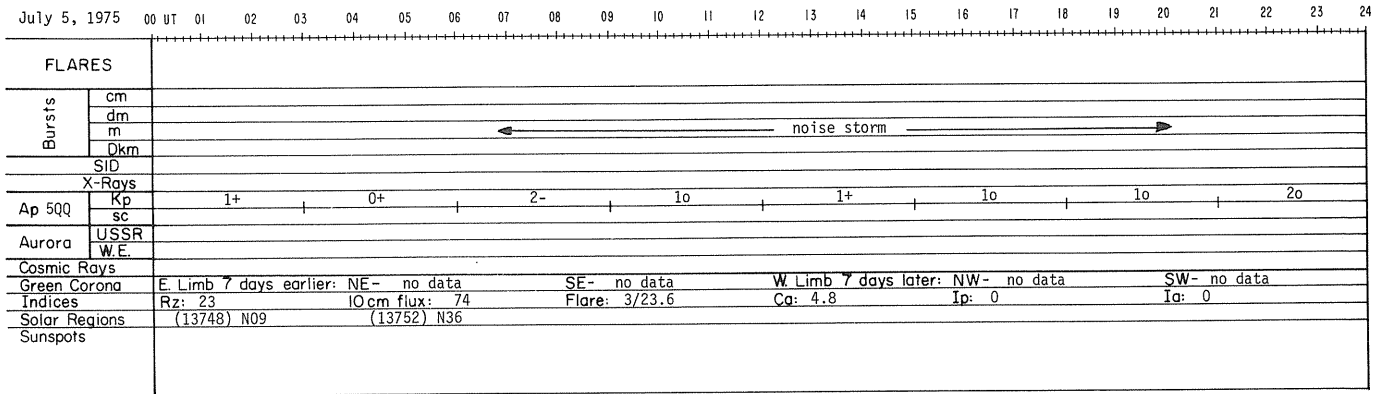
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FLARES																																													
Bursts	cm																																												
	dm																																												
	m																																												
	Dkm	noise storm																																											
SID																																													
X-Rays																																													
Ap 12	Kp	2+						2+						3-						4o						1+						2+						2-						3o	
	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: 23 (Final)							IOcm flux: 76							Flare: 0/21.0							Ca: 9.2							Ip: 0							Ia: 5									
Solar Regions	13738 N07																																												
Sunspots	19580 N08 (βp)4 CMP June 30 19582 N03 (β)2																																												

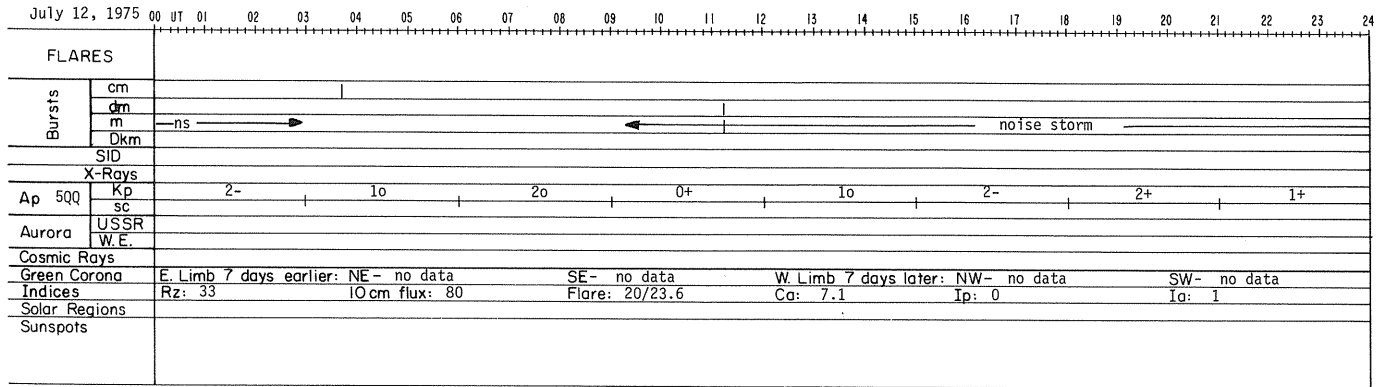
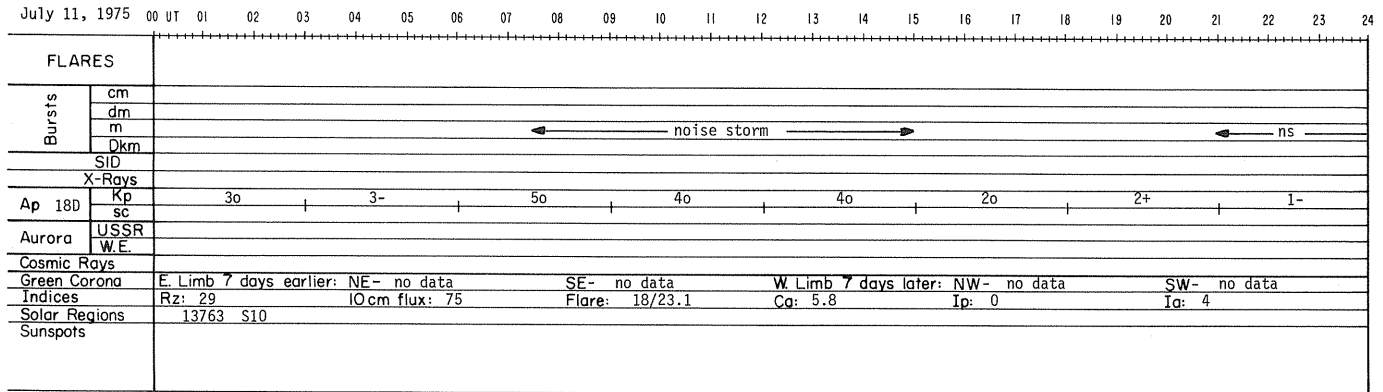
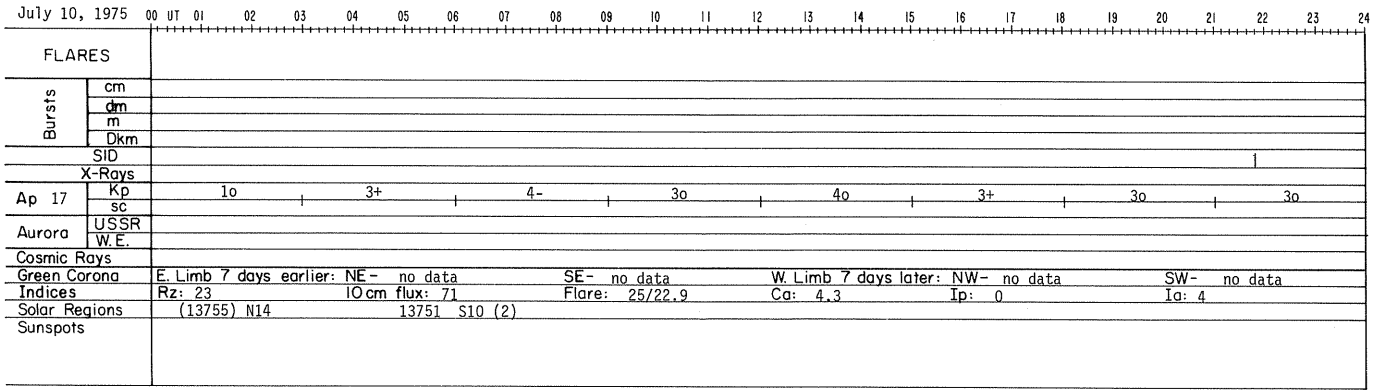
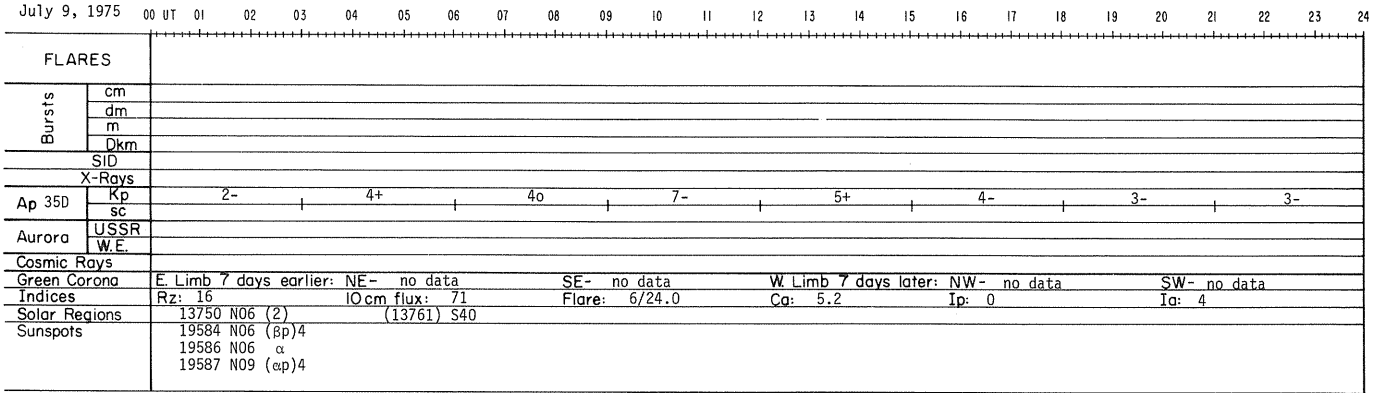
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FLARES																																													
Bursts	cm																																												
	dm																																												
	m	ns →																																											
	Dkm	← noise storm																																											
SID																																													
X-Rays																																													
Ap 6	Kp	3-						2+						1o						0+						2-						1+						1o						2+	
	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- no data							SW- no data																							
Indices	Rz: 18							IOcm flux: 74							Flare: 57/23.8							Ca: 9.9							Ip: 0							Ia: 0									
Solar Regions	(13742) S48													(13757) N07																															
Sunspots																																													

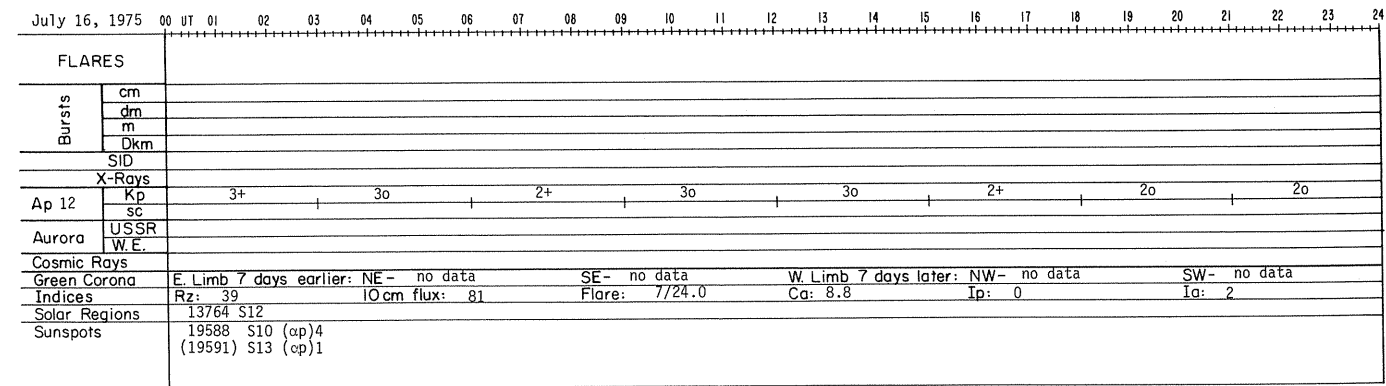
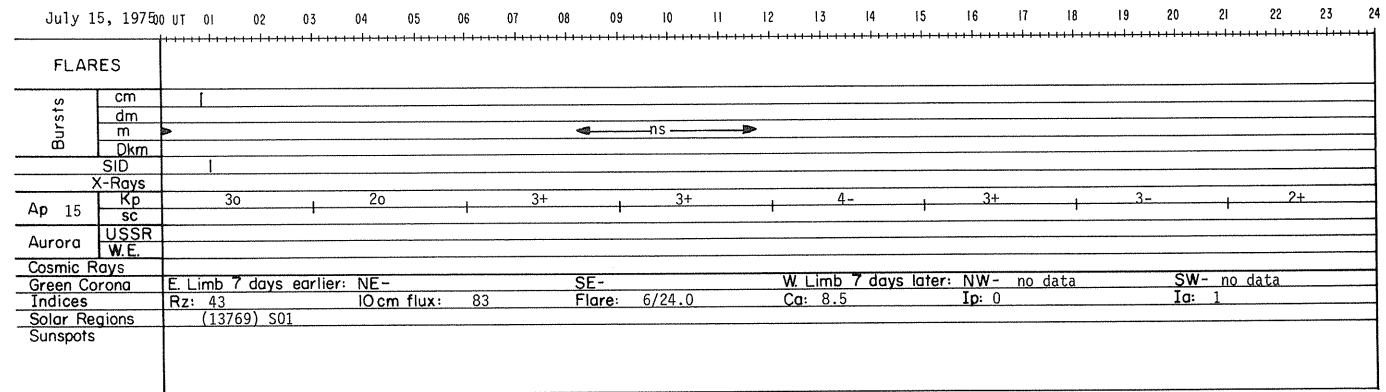
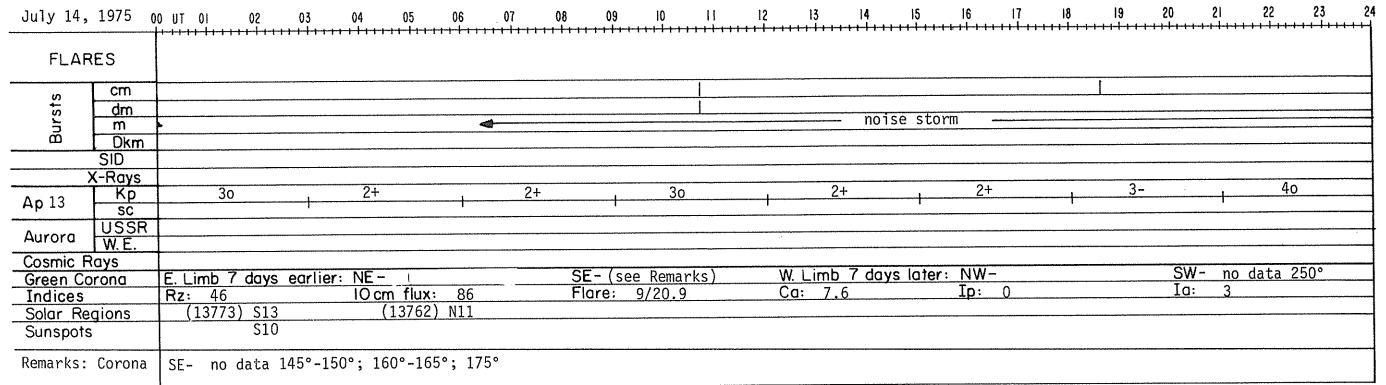
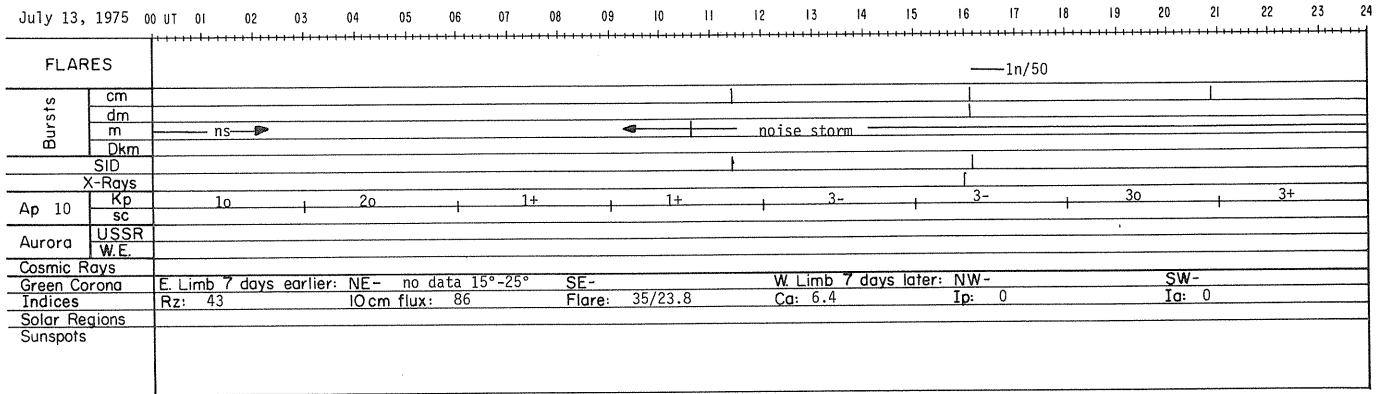
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FLARES																																													
Bursts	cm																																												
	dm																																												
	m																																												
	Dkm	← ns →																																											
SID																																													
X-Rays																																													
Ap 7	Kp	2o						2o						2+						2-						2-						1+						2o						2o	
	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- no data							SW- no data																							
Indices	Rz: 22							IOcm flux: 75							Flare: 20/22.1							Ca: 9.0							Ip: 0							Ia: 1									
Solar Regions	(13744) N11																																												
Sunspots																																													

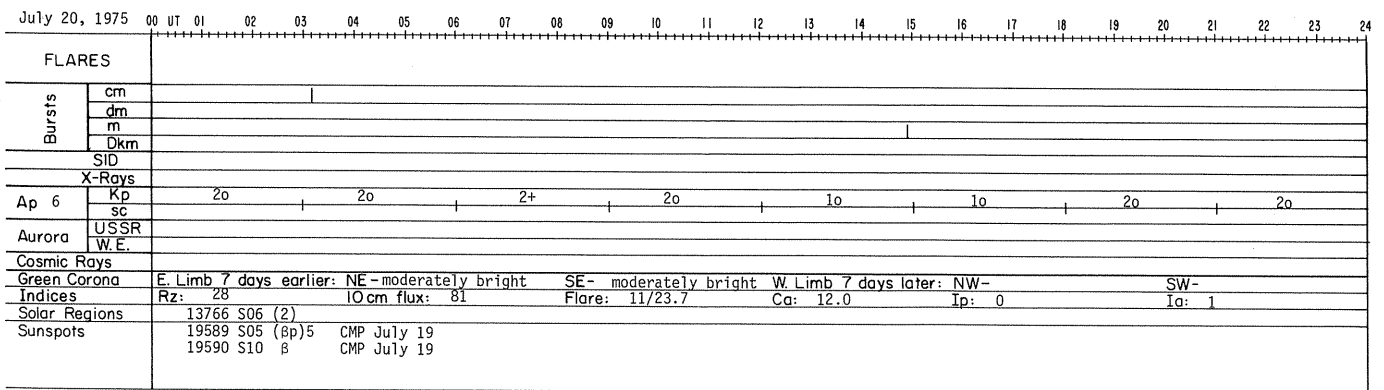
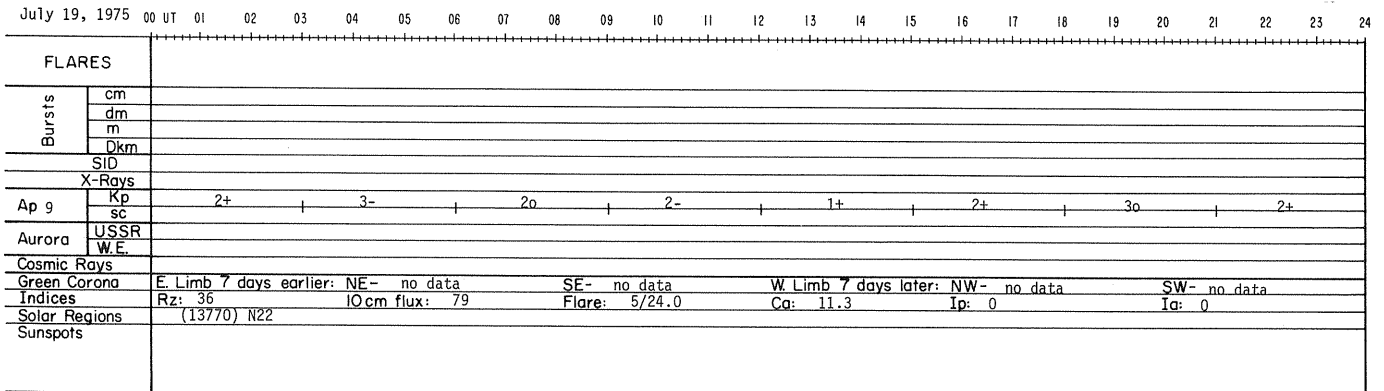
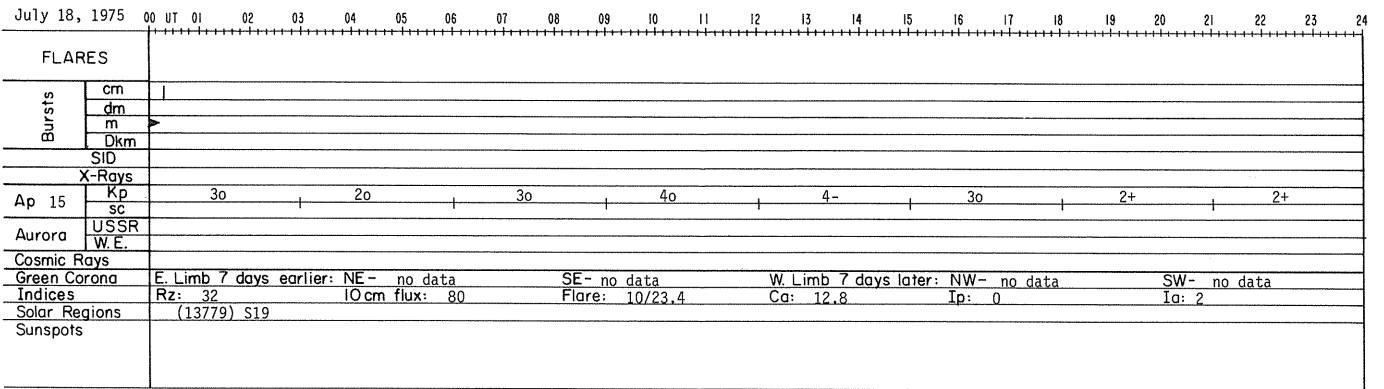
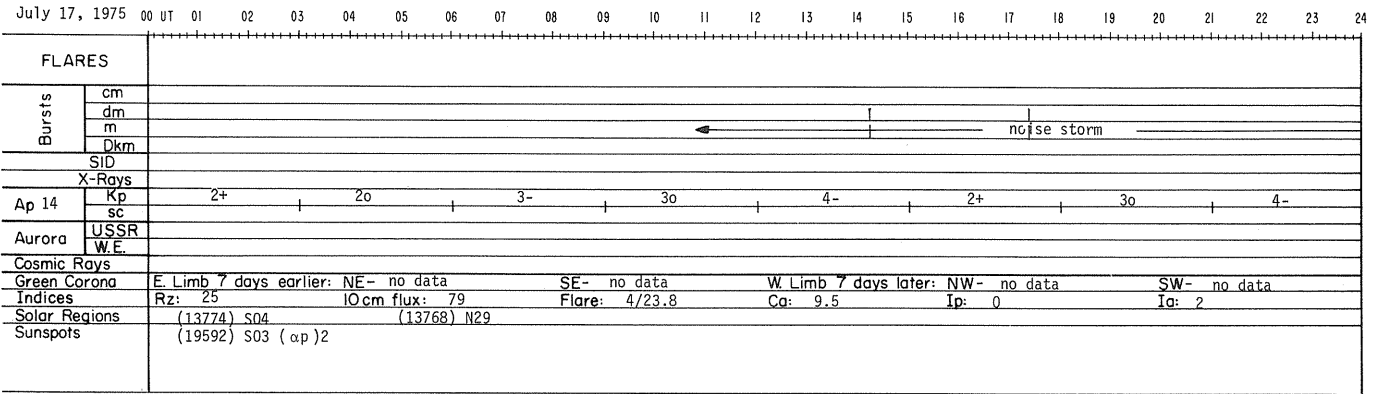
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FLARES																																													
Bursts	cm																																												
	dm																																												
	m																																												
	Dkm	← ns →																																											
SID																																													
X-Rays																																													
Ap 6	Kp	2-						1-						1-						1+						2-						1+						3-						3-	
	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- no data							SW- no data																							
Indices	Rz: 16							IOcm flux: 74							Flare: 11/23.2							Ca: 6.4							Ip: 0							Ia: 1									
Solar Regions	(13758) N13													(13745) N04													(13760) N01																		
Sunspots																																													

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Jul 75



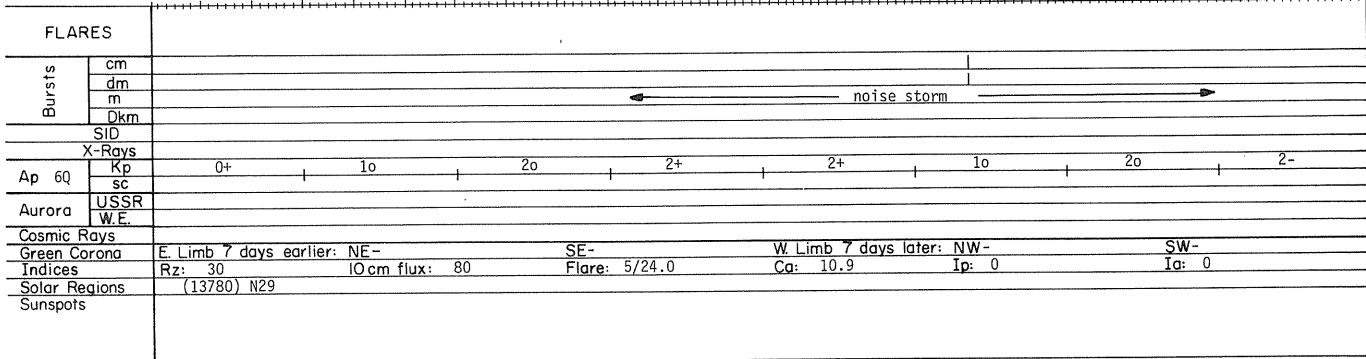




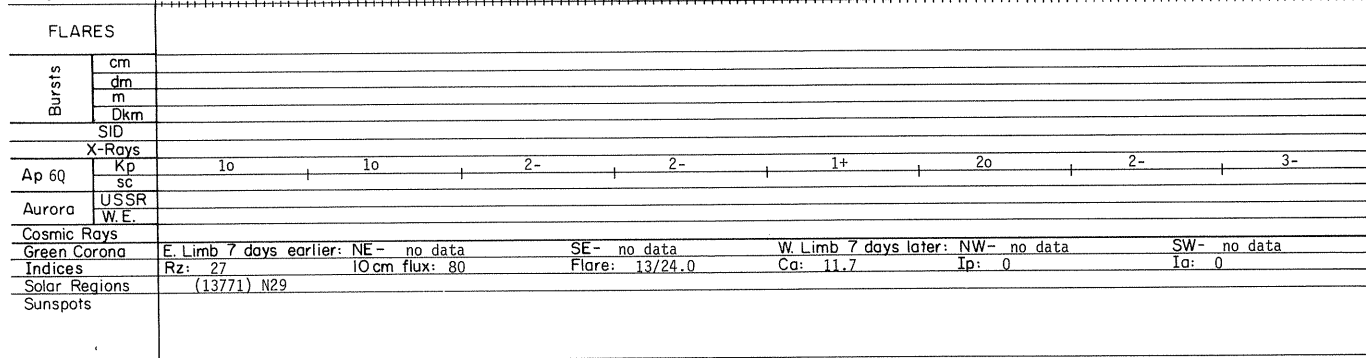


50
Jul 75

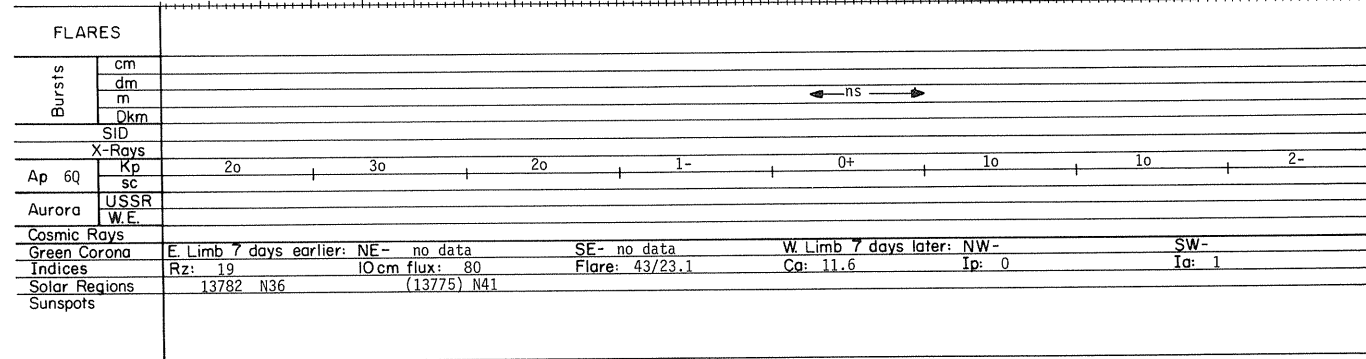
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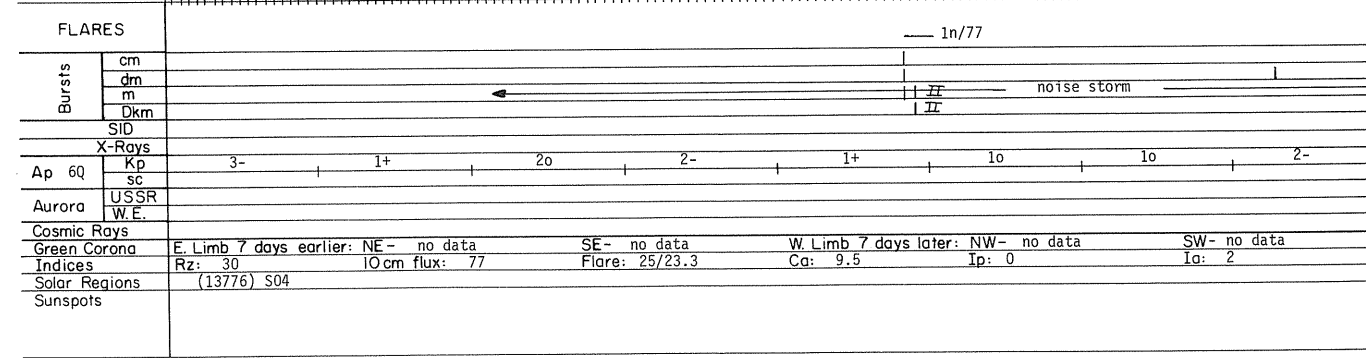
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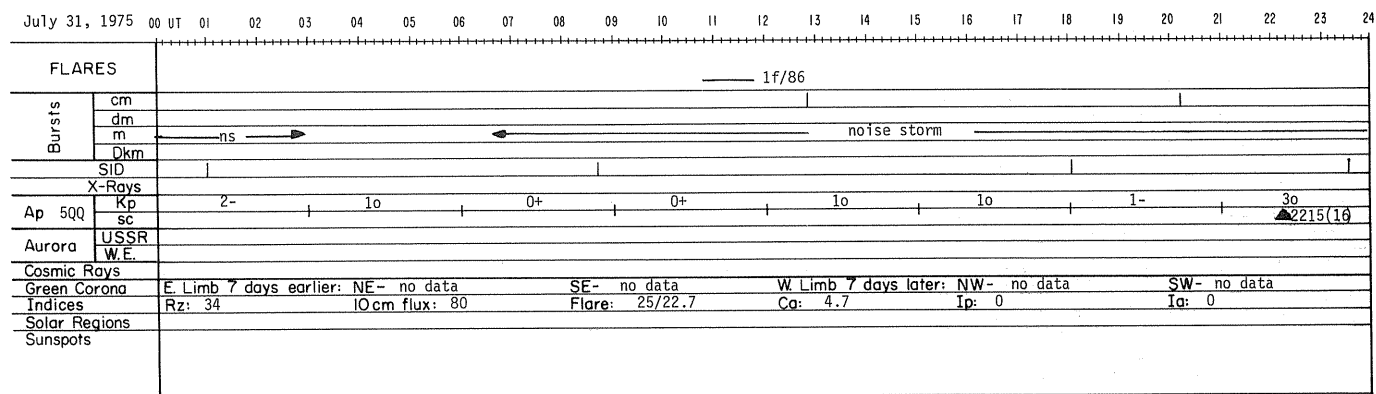
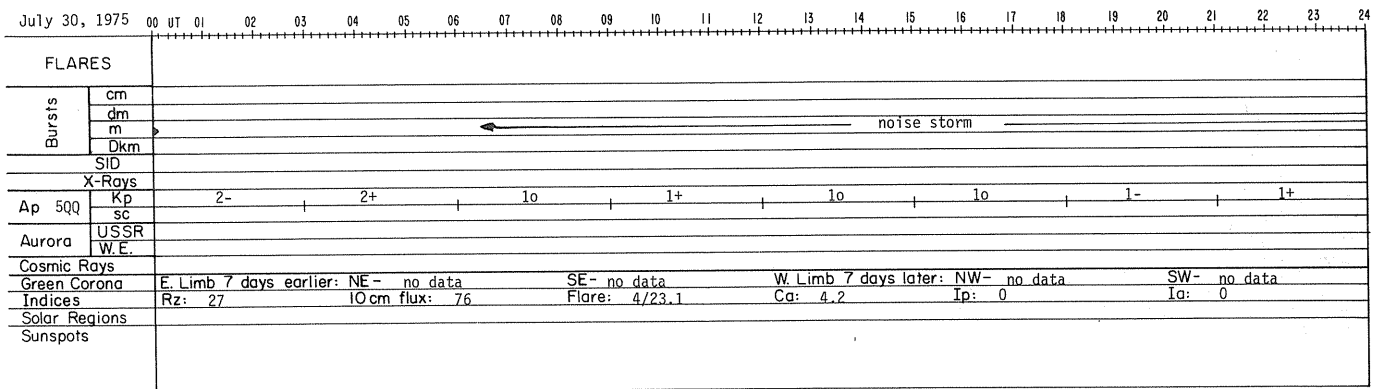
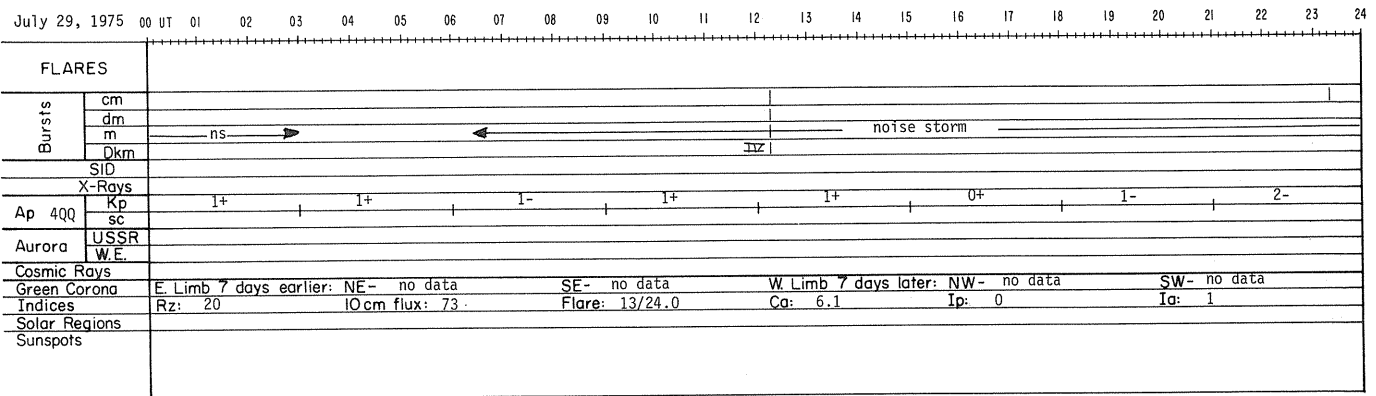


July 23, 1975 00 UT 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24



July 24, 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





REGIONAL FLARE INDEX
INCLUDES ALL FLARES

MC MATH PLAGE NO.	LAT	CMP DATE	DATE FIRST FLARE	DATE LAST FLARE	FLARE-INDEX SUM	FLARE-INDEX MEAN	TOTAL NO. OF FLARES
13757	N 7	75/07/02.4	75/07/02	75/07/06	.84	.34	1
13767	S 8	75/07/08.0	75/07/09	75/07/14	1.90	.32	2
13753	S 8	75/07/08.3	75/07/06	75/07/06	3.38	3.38	1
13750	N 6	75/07/09.8	75/07/04	75/07/15	109.45	9.12	37
13751	S11	75/07/10.7	75/07/10	75/07/10	10.94	10.94	2
13763	S10	75/07/11.4	75/07/12	75/07/12	.21	.21	1
13764	S12	75/07/16.4	75/07/11	75/07/13	12.04	4.01	10
13766	S 7	75/07/20.1	75/07/13	75/07/26	54.39	3.89	27
13783	N 9	75/07/26.1	75/07/22	75/03/01	144.22	14.43	55
13777	N 8	75/07/27.7	75/07/21	75/03/02	44.93	3.46	22

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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54
Misc
Aug 75

SOLAR RADIO EMISSION
SPECTRAL OBSERVATIONS
AUGUST 1975

	TIMES OF OBSERVATION		STATION	EVENTS									SPECTRAL TYPE			
				DECIMETRIC BAND			METRIC BAND			DEKAMETRIC BAND						
	START UT	END UT		START UT	END UT	INT	START UT	END UT	INT	START UT	END UT	INT				
01	0000	0738	CULG				0027	0031	1				IIIG			
			CULG				0035	0039	1	0035	0039		IIIGG			
			CULG				0037	0038	2				UNCLF			
			CULG				0226		1				IIIB			
			CULG				0232.5		1				IIIB			
			CULG				0245	0657					IIIN,W			
	2039	2400	CULG				0303	0307.5	1				I			
			CULG				2109	2400					IIIS,W			
			CULG				2158.5	2159	1				IIIG,U			
			CULG	2250.5	2252	2							IIIG			
			CULG	2252.5	2254	1	2253	2257	2				II			
			CULG				2300	2400					IW			
02	0000	0730	CULG				0000	0640					IIIS,W			
			CULG	0008	0014	2	0011	0014	2				CONT,P			
			CULG				0207	0207.5	2				IIIB			
			CULG				0237.5	0238.5	2				IIIB,U			
			CULG	0245	0455		0000	0357					IW			
			CULG				0253.5	0254.5	2				IIIG,V,U			
	2040	2400	CULG	2050	2400	1	2055	2140	1				IS			
			CULG				2055	2140					IIIS,W			
			CULG				2140	2400	1				IIIN			
			CULG				2241.5	2243.5	1				IIIG,U			
			03	0000	0730	CULG	0000	0730		0000	0730					IN,W
						CULG	0032.5	0033	1	0032.5	0033	1				IIIN,W
CULG							0104.5	0108.5	1				IIIG			
CULG							0108.5	0113	2				IIIG			
CULG							0112.5	0126	1				IIIGG			
CULG	0137					2	0137		2				II			
2040	2400	CULG		0330	0725	2	0330	0725	2				IIIB			
		CULG		0334.5		1	0334.5	0335.5	1	0335			CONT			
		CULG					0345	0407.5	1	0340	0415	1	IIIG			
		CULG					0354.5	0411	1				P			
		CULG					0528	0530	1				II			
		CULG		2050	2400	1	2050	2400	1				I,CHAINS			
04	0000	0738	CULG				0000	0720					IIIS,W			
			CULG				0000	0720	1				IS			
			CULG	0000	0702								IN,W			
			CULG	2055	2400	1	2052	2400	1				IS			
			CULG				2055	2400					IIIS,W			
			CULG				2325	2327	1				IIIG,V			
	2038	2400	CULG				0000	0738					IIIS,W			
			CULG	0542.5	0543	1	0000	0738					IS,W			
			CULG				2049	2400	2				FASTDRIFT			
			CULG				2104	2400	1				IS			
			05	0000	0737	CULG				0000	0727	2				IS
						CULG				0000	0730	1				IIIS
CULG	0256					1							FASTDRIFT			
CULG	0330	0333				1							FASTDRIFT			
2038	2400	CULG							2049	2400	1				IIIS	
		CULG							2049	2400	2				IS	
		06		0000	0730	CULG				0000	0730	2				IS
						CULG				0000	0720	1				IIIS
						CULG				0418	0418.5	3	0418	0418.5	2	IIIG
						CULG				0547.5		2				IIIB
CULG								0621	0622	2	0621	0622	1	IIIG		
CULG								0644.5		2	0644.5		2	IIIB		
2040	2400		CULG	2049	2400	1	2049	2400	2				I			
			CULG				2050	2400	2				IIIS			
			CULG	2058	2058.5	1	2058	2058.5	1				IIIG			

SOLAR RADIO EMISSION
SPECTRAL OBSERVATIONS

AUGUST 1975

	TIMES OF OBSERVATION		STATION	EVENTS									SPECTRAL TYPE		
				DEGIMETRIC BAND			METRIC BAND			DEKAMETRIC BAND					
	START UT	END UT		START UT	END UT	INT	START UT	END UT	INT	START UT	END UT	INT			
08	0000 2039	0737 2400	CULG				0000	0730	2				I		
			CULG	0000	0730	2	0000	0730	2				IIIS		
			CULG	2046	2400	1	2050	2400	1				IS		
			CULG				2050	2400	1					IIIS	
			CULG				2305.5	2306.5	1	2305.5	2306.5	1			IIIG
			CULG	2340	2341	1	2340	2341	1						IIIG,RS IIIG
09	0000 2040	0737 2400	CULG	0000	0720	1	0000	0720	1				I		
			CULG				0000	0454					IIIS,WRSDP		
			CULG				0131.5		2				IIIB		
			CULG				0357	0357.5	2				IIIG		
			CULG				0454	0735	2					IIIS	
			CULG	2045	2400	1	2046	2400	1					IS IIIS	
10	0000 2039	0737 2320	CULG				0000	0730	1				IIIS		
			CULG	0000	0730	1	0000	0730	1				IS		
			CULG	0036.5	0037	2	0036.5	0037	2				IIIG		
			CULG				2044	2320	1					IIIS	
			CULG	2045	2320	1	2045	2320	1					IS	
			CULG	2051	2051.5	1	2051	2051.5	1					IIIG IIIG	
11	0232 2039	0737 2400	CULG	0232	0735	1	0232	0735	1				IS		
			CULG				0232	0735	1				IIIS		
			CULG				2040	2400	1				IIIS		
			CULG	2044	2400	1	2044	2400	2				IS,CONT		
12	0000 0700 2037	0642 0737 2400	CULG				0000	0642	1				IIIS		
			CULG				0000	0642	2				IS		
			CULG				0700	0737	1				IS		
			CULG				0700	0737					IIIS,W		
			CULG				2037	2200					IS,W		
			CULG	2108	2218	1	2037	2400					IIIS,W IIIN IIIGG,U		
13	0000 2037	0737 2400	CULG				0000	0737					IIIN,W		
			CULG				0325	0737	1				IN		
			CULG	0355	0540	1							IN		
			CULG				2037	2400					IIIN,W		
14	0000 2037	0737 2400	CULG				0000	0737	1				IN		
			CULG				0000	0655					IIIN,W		
			CULG	0222	0223	1							IIIG		
			CULG				2037	2400	1				IIIN,U		
15	0000	0424	CULG				2232.5	2233	2				IIIG,U IIIB,W		
			CULG	2243											
			CULG												
16	0322 2036	0736 2400	CULG				0000	0424					IIIN,W		
			CULG				0422	0503					IIIN,W		
17	0000 2036	0737 2140	CULG				2116	2152					IIIN,W		
			CULG												
18	0000 2036	0736 2400	CULG												
			CULG				0202.5	0203.5	1	0202.5	0203	1	IIIG,V,U		
19	0000 2035	0735 2400	CULG												
			CULG				0523.5						IIIB,W		
20	0000 2035	0735 2400	CULG												
			CULG												
21	0000	0735	CULG				0516					IIIB,W			

56
Misc
Aug 75

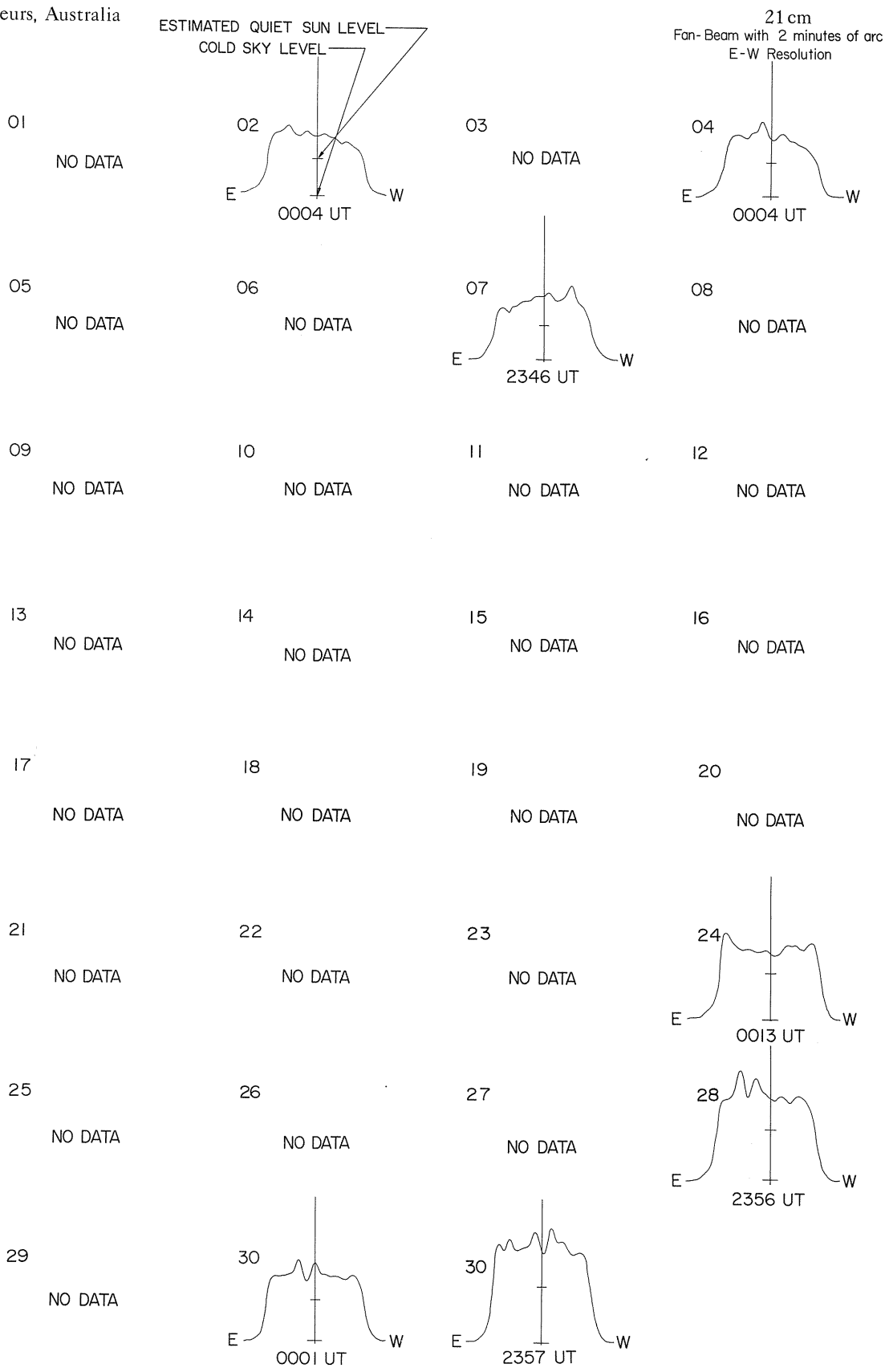
SOLAR RADIO EMISSION SPECTRAL OBSERVATIONS

AUGUST 1975

	TIMES OF OBSERVATION		STATION	EVENTS									SPECTRAL TYPE			
				DECIMETRIC BAND			METRIC BAND			DEKAMETRIC BAND						
	START UT	END UT			START UT	END UT	INT	START UT	END UT	INT	START UT	END UT		INT		
21	2035	2400	CULG				2107.5	2108						IIIB,W		
22	0000	0735	CULG				0056	0650						IIIN,W		
			CULG	0116	0130	2	0117	0200	2					IV		
			CULG	0116	0121.5	2	0114.5	0121.5	2	0116	0121.5	2	0116	0150	IIIGG,V	
			CULG													
			CULG				0118.5	0147	2	0141	0145	1	0141	0145	1	IIH
			CULG	0454	0454.5	1	0450	0455	1	0451	0453	1				IIIGG
			CULG				0514.5	0517	1							IIIGG
			CULG	0525.5	0530	1	0525.5	0530	2				0525.5	0530.5	2	IIIGG,V
			CULG										0526	0540		
			CULG							0532	0548	1				II
			CULG							0535	0538.5	1				IIIG
			CULG	0558	0559.5	1	0558.5	0559.5	1							IIIG
			CULG	0600	0606	1	0600	0607	2				0603	0606	1	IIIGG,V
			CULG							0603	0631	2	0601	0630		II
			CULG							0609	0611	1				IIIG
			CULG							0647	0648	1				IIIG,V
CULG	2035	2400					2218	2235	1				IIIN			
CULG				2221	2227	1	2221.5	2227.5	2	2222.5	2227.5	1	IIIG,V			
23	0000	0735	CULG													
	2035	2400	CULG				2325	2348						IIIN,W		
24	0000	0735	CULG				0057							IIIB		
			CULG				0154							IIIB		
			CULG				0415	0417.5	1					IIIG		
			CULG				0555	0556	2	0555.5	0556	1		IIIG,V,U		
			CULG				0558.5		1					IIIB		
2035	2400	CULG														
25	0000	0731	CULG													
	2035	2400	CULG	2228.5	2229		2228.5	2229.5						IIIG,W		
26	0000	0433	CULG													
	0614	0734	CULG													
	2034	2400	CULG				2137.5	2138						IIIG,W		
27	0000	0730	CULG	0555	0730	1								I		
			CULG				0605.5	0607	1					IIIG,V		
			CULG				0608	0617						W		
			CULG				0700	0730							IS,W	
			CULG													
2034	2400	CULG														
28	0000	0733	CULG				0457.5		1					IIIB,U		
			CULG				0622	0625	2					IIIG		
	2033	2400	CULG													
29	0000	0733	CULG				0731	0732	1					IIIG		
	2033	2400	CULG													
30	0000	0733	CULG				0457							IIIB,W,U		
			CULG				0620	0621	1					IIIG,U		
			CULG				2050	2102							IIIN,W	
			CULG				2050	2051	1						IIIG,U	
31	0000	0732	CULG													
	2032	2400	CULG				2118.5	2358						IIIN,W		

EAST-WEST SOLAR SCANS
DECEMBER 1975

Fleurs, Australia



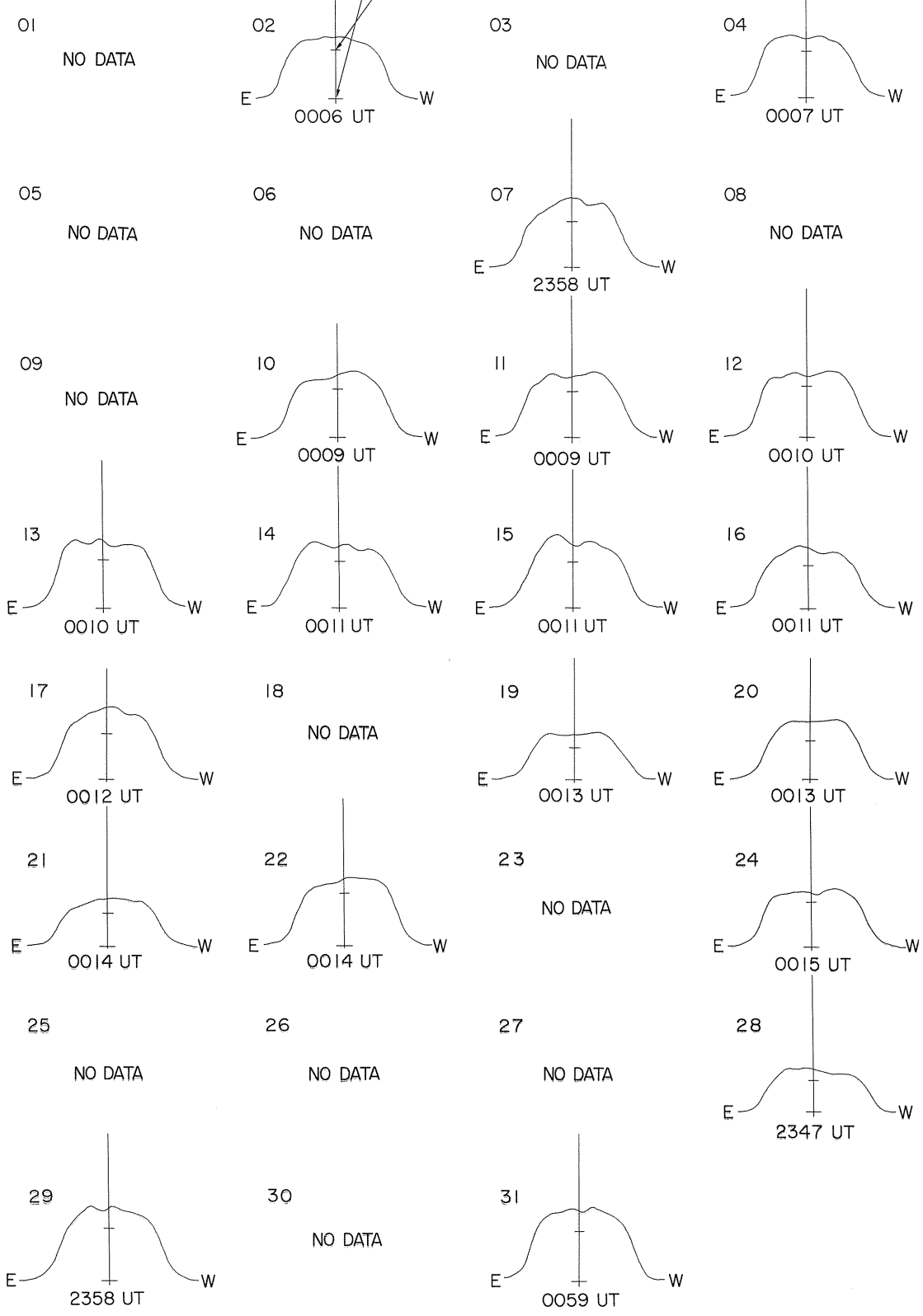
EAST-WEST SOLAR SCANS

DECEMBER 1975

Fleurs, Australia

ESTIMATED QUIET SUN LEVEL
COLD SKY LEVEL

43 cm
Fan-Beam with 4 minutes of arc
E-W Resolution



UAG Series of Reports

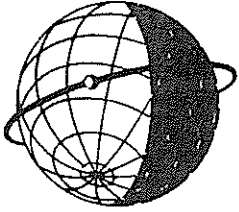
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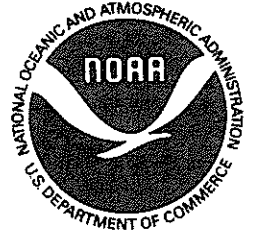
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