

SOLAR FLARES Confirmed

JUNE 1972

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS	
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α		MAX. INT. %
					LAT.	MER. DIST.												
	1972 JUN																	
	01	0001	0002		NO FLARE PATROL													
GRP44521	01	0805	0829	0814	N10	W24	.441	11895	30.5	24	--N			.29			3 3 3 8	
HTPR	01	0802	0828	0813	N12	W24	.454	11895	29.5	26	-F	C	0813	.21	.20			
CATA	01	0805	0955	0815	N09	W26	.464	11895	29.4	110	-N	C	0815	.63	.72	(166)		
CAPS	01	0809	0830		N10	W23	.427	11895	29.6	210	-N	4 V	0815	.03	.30	(180)		
GRP44522	01	0811	0910	0910	N10	W23	.427	11895	29.6	59	--N			.98			2 1 1 7	
ARCE	01	0811E	0910D		N10	W23	.427	11895	29.6	59D	-N	C	0832	.98	1.10		EK	
HTPR	01	0846	0925	0910	N12	W23	.440	11895	29.6	39	-F	C	0910	.21	.20			
GRP44523	01	1056	1109	1101	N11	W23	.433	11895	30.7	13	--F			.38			3 3 3 9	
RAMY	01	1055	1102	1056	N12	W25	.468	11895	29.6	7	-F	4 C		.37			DE	
ATHN	01	1056	1107	1059	N12	W24	.454	11895	29.7	11	-F	3 C		.50			DE	
TEHR	01	1106E	1118	1107U	N09	W19	.363	11895	30.0	12D	-F	3 V		.28			F	
GRP44524	01	1134	1148	1140	N11	W24	.447	11895	30.7	14	--F			.35			4 4 4 8	
TEHR	01	1130E	1148	1132U	N10	W24	.441	11895	29.7	18D	-N	2 V		.46			F	
CAPS	01	1130	1146		N10	W24	.441	11895	29.7	16D	-N	4 V	1130	.05	.60	(171)		
RAMY	01	1138	1149	1140	N12	W25	.468	11895	29.6	11	-F	4 C		.56			DE	
ATHN	01	1138	1148	1140	N12	W24	.454	11895	29.7	10	-F	3 C		.33			DE	
GRP44528	01	1726	1741	1728	S13	E34	.586	11905	4.3	15	--F			.29			2 2 2 5	
HTPR	01	1724	1731	1727	S13	E30	.532	11905	4.0	7	-F	C	1727	.31	.40			
HUAN	01	1727	1751	1728	S12	E38	.634	11905	4.6	24	-F	2 C	1728	.26	.34		D	
529 HUAN	01	1943	1953	1944	N11	W33	.571	11895	29.3	10	--N	1 C	1944	.31	.38		3	
530 PALE	01	2011E	2015D	2011U	N12	W29	.522	11895	29.7	4D	--F	3 C		.27			F 2	
	01	2328	2343		NO FLARE PATROL													
GRP44541	02	1254	1309	1256	N09	W39	.643	11895	30.6	15	--N			.44			5 5 5 9	
BOUL	02	1254	1307	1256	N09	W38	.630	11895	29.7	13	-N	2 C	1256	.22	.28			
HTPR	02	1254	1307	1255	N08	W38	.627	11895	29.7	13	-F	C	1255	.41	.50			
CANR	02	1254	1315		N10	W39	.646	11895	29.6	21	-N	2 V	1257	.50	.60			
HUAN	02	1255	1307	1257	N08	W38	.627	11895	29.7	12	-F	1 C	1257	.41	.52		E	
ATHN	02	1255	1308	1257	N09	W40	.656	11895	29.5	13	-N	3 V		.66			DE	
GRP44542	02	1350	1403	1353	N09	E68	.930	11912	7.7	13	--N			.27			5 5 5 8	
HTPR	02	1349	1407	1352	N09	E68	.930	11912	7.7	18	-F	C	1352	.21	.40			
MCMA	02	1350	1401	1351	N09	E70	.942	11912	7.8	11	-N	C	1351	.21	.60		D	
HUAN	02	1351	1401	1354	N09	E70	.942	11912	7.8	10	-F	2 C	1354	.15			D	
CANR	02	1351	1400		N10	E68	.930	11912	7.7	9	-N	2 V	1354	.30	.75			
ATHN	02	1353E	1405	1355	N07	E63	.893	11912	7.3	12D	-N	3 V		.50			F	
GRP44544	02	1512	1521	1514	S10	E51	.783	11911	6.5	9	--F			.29			4 4 4 10	
HTPR	02	1506	1517	1514	S10	E53	.804	11911	6.6	11	-F	C	1514	.31	.40			
ATHN	02	1513E	1522	1513U	S09	E51	.782	11911	6.5	9D	-F	3 V		.33			DE	
RAMY	02	1513E	1522	1515	S09	E51	.782	11911	6.5	9D	-F	3 V		.31			DE	
HUAN	02	1514	1524	1515	S10	E50	.773	11911	6.4	10	-F	2 C	1515	.21	.32		D	
GRP44547	02	1716	1808	1724	N11	W41	.674	11895	30.6	52	--N			.55			5 5 5 5	
HTPR	02	1706	1727D		N11	W42	.686	11895	29.6	210	-N	C	1723	.72	.90			
MCMA	02	1715E	1815		N08	W40	.653	11895	29.7	60D	-N	C	1732	.41	.60		E	
HUAN	02	1717	1805	1725	N11	W42	.686	11895	29.6	48	-N	1 C	1725	.46	.65			
CANR	02	1720	1803	1723	N12	W42	.689	11895	29.6	43	-N	2 V	1723	.50	.60			
BOUL	02	1722	1800U	1725	N11	W41	.674	11895	29.6	38D	-N	2 C	1725	.65	.88			
GRP44548	02	1834	1848	1838	S08	E40	.650	11911	5.8	14	--F			.44			4 4 4 4	
BOUL	02	1833	1843	1836	S07	E41	.661	11911	5.8	10	-F	3 V	1836	.36	.47			
MCMA	02	1833	1849	1839	S09	E38	.626	11911	5.6	16	-N	C	1839	.52	.70		EH	
CANR	02	1836	1849		S06	E39	.633	11911	5.7	13	-F	2 V	1837	.40	.50			
HUAN	02	1844E	1851		S08	E40	.650	11911	5.8	7D	-F	1 P	1844	.46	.60		E	
GRP44549	02	1934	1955	1939	N10	W44	.708	11895	30.5	21	--N			.41			3 3 3 3	
MCMA	02	1931	2000	1936	N08	W43	.691	11895	29.6	29	-N	C	1936	.52	.70		E	
BOUL	02	1935	1950	1941	N12	W44	.713	11895	29.5	15	-N	3 V	1941	.39	.55			
HUAN	02	1935	1954	1939	N11	W44	.710	11895	29.5	19	-N	2 C	1939	.31	.45		D	
GRP44550	02	2028	2104	2037	S08	E38	.624	11911	5.7	36	-B			1.24			2 2 2 2	
HUAN	02	2028	2120	2037	S08	E37	.610	11911	5.6	52	-B	1 C	2037	1.39	1.77		L	
PALE	02	2031E	2048	2033	S07	E38	.622	11911	5.7	17D	-N	2 V		1.03			F	
PALE	02	2034E	2048D	2036U	S08	E38	.624	11911	5.7	14D	-N	2 C		1.08			F	

Note: Catania and Capri-S express Maximum Intensities in percent of the local undisturbed chromosphere instead of percent of the local continuum. Parentheses are used to indicate this difference.

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				MIN.	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	
	1972																
	JUN																
GRP44572	04	0558	0615	0602	N11	W64	.903	11895	30.4	17	--F						4 4 4 9
HTPR	04	0555	0615	0557	N11	W66	.917	11895	29.3	20	-F	C	0557	.35	.80		
HTPR	04	0555	0615	0602	N11	W66	.917	11895	29.3	20	-F						
CRON	04	0557	0609		N11	W63	.896	11895	29.5	12	-N	3 V		.40			
ATHN	04	0600E	0610	0602	N12	W65	.911	11895	29.4	10D	-F	1 V	0602	.34	.55		
CAPS	04	0600	0624		N08	W63	.894	11895	29.5	24	-N	3 V	0604	.24			(171)
5 STATIONS REPORTING GROUP 44574. 4 STATIONS OBSERVING AND NOT REPORTING.																	
GRP44574	04	0724	0751	0734	S08	E29	.498	11911	6.5	27	--N			.56			4 4 4 9
ATHN	04	0711	0742	0731	S09	E29	.502	11911	6.5	31	-N	1	0731	1.02	1.01		
MANI	04	0719E	0756	0733	S08	E28	.484	11911	6.4	37D	-N	2	0733	.41	.48		
HTPR	04	0729	0749	0733	S08	E30	.513	11911	6.6	20	-F	C	0740	.21	.20		E
CATA	04	0735	0755	0740	S06	E28	.477	11911	6.4	20	-B	C	0740	.58	.66		(214)
44574	04	0711	0749	0720	S08	E28	.484	11911	6.4	38	*-N			.18			3 3 3 8
HTPR	04	0706	0733	0719	S09	E30	.517	11911	6.5	27	-F	C	0719	.21	.20		
CATA	04	0715	0755	0720	S09	E29	.502	11911	6.5	40	-B	C	0720	.23	.26		(234)
CAPS	04	0720E	0758D	0721	S05	E26	.444	11911	6.3	38D	-N	3 V	0736	.10	1.10		(171) CFH
9 STATIONS REPORTING GROUP 44579. 3 STATIONS OBSERVING AND NOT REPORTING.																	
GRP44579	04	0827	0849	0833	S08	E18	.334	11911	5.7	22	-N			1.04			9 8 7 12
ARCE	04	0755E	0831		S08	E28	.484	11911	6.4	36D	-F	C	0800	.13	.20		
CANR	04	0820	0823D	0823	S07	E14	.267	11911	5.4	30	-N	2 V					
CAPS	04	0822E	0831D		S05	E24	.413	11911	6.1	9D	-F	4 V	0822	.08	.90		(157) C
HTPR	04	0824	0835	0827	S08	E20	.364	11911	5.9	11	-F	C	0827	.72	.70		
ARCE	04	0825E	0905D	0833	S07	E18	.328	11911	5.7	40D	-N	C	0833	1.21	1.30		
MANI	04	0827	0850	0830	S07	E17	.313	11911	5.6	23	-N	2	0830	.93	.98		
TEHR	04	0829	0840	0833	S06	E12	.229	11911	5.3	11	-N	4 V		.56			F
CATA	04	0830	0845D	0840	S08	E17	.319	11911	5.6	15D	-B	P	0840	1.73	1.83		(219)
ONDR	04	0831E	0900		S08	E15	.289	11911	5.5	29D	2F	V	0832			3.00	CFH
CAPS	04	0831	0851		S09	E20	.370	11911	5.9	20	-N	4 V	0831	1.10	1.20		(188) H
ATHN	04	0834	0849	0835	S10	E15	.305	11911	5.5	15	-N	1	0835	1.02	.97		
579 ARCE	04	0836	0845D		S04	E28	.473	11911	6.5	9D	*-N	C	0839	.06	.10		8
GRP44580	04	0857	0943	0917	S08	E31	.527	11911	6.7	46	--N			.06			3 3 1 10
HTPR	04	0857	0948	0914	S11	E37	.619	11911	7.1	51	-F						
HTPR	04	0857	0948	0900	S11	E37	.619	11911	7.1	51	-F	C	0900	.52	.60		E
ARCE	04	0900E	0950D	0915	S04	E28	.473	11911	6.5	50D	-N	C	0915	.06	.10		
ONDR	04	0915E	0932	0922	S08	E28	.484	11911	6.5	17D	-N	V	0922			2.80	GDHJ
8 STATIONS REPORTING GROUP 44583. 5 STATIONS OBSERVING AND NOT REPORTING.																	
GRP44583	04	1239	1312	1243	S06	E22	.386	11911	6.2	33	-N			1.05			6 6 6 12
HTPR	04	1235	1300	1238	S06	E25	.432	11911	6.4	25	-N	C	1238	.93	1.00		E
CATA	04	1235E	1305D	1235	S06	E21	.370	11911	6.1	30D	-B	P	1235	1.44	1.56		(221)
ATHN	04	1238E	1306	1239	S08	E20	.364	11911	6.0	28D	-N	3 V		1.32			U
TEHR	04	1240	1301	1245	S06	E21	.370	11911	6.1	21	-N	4 V		.73			F
CAPS	04	1240E	1325D		S06	E22	.386	11911	6.2	45D	-N	3 V	1240	.09	1.00		(182)
BOUL	04	1243	1332	1245	S06	E22	.386	11911	6.2	49	-N	3 V	1245	1.80	1.90		
44583	04	1235	1329	1257	S05	E22	.382	11911	6.2	54	*-B			1.70			2 2 2 10
MCMA	04	1235	1333	1257	S05	E22	.382	11911	6.2	58	-B	C	1257	1.29	1.40		E
LOCA	04	1255E	1325		S05	E21	.366	11911	6.1	30D	1N	V	1255	2.10	2.30		
GRP44585	04	1608	1650	1633	S08	E23	.409	11911	6.4	42	--F	2 C	1634	.40	.47		3 2 2 7
BOUL	04	1608	1650	1634	S08	E23	.409	11911	6.4	42	-F	2 C	1634	.43	.47		
ONDR	04	1610	1618	1614	S06	E23	.401	11911	6.4	8	-F	V	1614			2.10	CJ
PALE	04	1629	1636D	1631	S08	E22	.394	11911	6.3	7D	-F	3 V		.36			F
GRP44586	04	1709	1715	1710	S09	E19	.355	11911	6.1	6	--N			.48			5 5 3 7
PALE	04	1708	1715	1710	S08	E20	.364	11911	6.2	7	-N	3 V		.52			DE
MCMA	04	1708	1715	1710	S05	E21	.366	11911	6.3	7	-N	C	1710	.62	.70		EH
HUAN	04	1709	1715	1710U	S08	E20	.364	11911	6.2	6	-F	1 C	1710	.31	.33		E
BOUL	04	1709	1714	1711	S14	E13	.322	11911	5.7	5	-F	3 V					
ONDR	04	1710E	1715		S08	E20	.364	11911	6.2	5D	1B	V	1711			5.20	CDJ
GRP44587	04	1821	1832	1825	S07	E18	.328	11911	6.1	11	--F			.47			2 2 2 5
HUAN	04	1821	1831	1824	S06	E17	.307	11911	6.0	10	-F	2 C	1824	.41	.43		E
PALE	04	1823E	1833	1825U	S07	E18	.328	11911	6.1	10D	-N	3 V		.52			F
GRP44588	04	1911	2000	1927	S07	E20	.359	11911	6.3	49	--F			.83			3 3 3 3
MCMA	04	1910	2000D	1926	S06	E20	.354	11911	6.3	50D	-F	C	1926	1.29	1.40		E
HUAN	04	1912	1930D		S07	E21	.374	11911	6.4	18D	-F	1 C	1925	.67	.72		E
PALE	04	1926E	1934D	1928U	S07	E19	.343	11911	6.2	8D	-N	3 V		.52			F
GRP44590	04	2035	2059	2039	S06	E10	.199	11911	5.6	24	--F			.49			2 2 2 3
MCMA	04	2035	2100	2039	S05	E10	.191	11911	5.6	25	-N	C	2039	.52	.60		E
HUAN	04	2046E	2057		S07	E10	.208	11911	5.6	11D	-F	1 P	2046	.46	.47		E

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMAH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H _z	MAX. INT. %	
					LAT.	MER. DIST.												
1972 JUN																		
GRP44593	05	0156	0243	0205	N09	W74	.962	11895	30.5	47	-N			.90				5 4 4 7
CRON	05	0155	0230	0203	N09	W74	.962	11895	29.5	35	-N	3	V	.50				
CULG	05	0157	0256	0206	N10	W75	.967	11895	29.5	59	1N		C	.93				
KODA	05	0201	0227		N10	W72	.953	11895	29.7	26	-B		C	.98	1.00			D
PALE	05	0202E	0205D	0205U	N08	W73	.957	11895	29.6	30	1N	3	V	1.34				
MANI	05	0205E	0208	0205	N08	W73	.957	11895	29.6	30	-N	2	C	.83	1.85			
MANI	05	0205E	0208D	0205U	N08	W73	.957	11895	29.6	30	-N	1	C	.83				
GRP44595	05	0434	0511	0438	S06	E05	.133	11911	5.6	37	--F			1.48				3 3 3 7
MANI	05	0432	0510	0439	S06	E05	.133	11911	5.6	38	-F	3	C	.72				F
MANI	05	0432	0510	0439	S06	E05	.133	11911	5.6	38	-F	2	C	.72	.73			
ATHN	05	0434	0506	0436	S06	E05	.133	11911	5.6	32	-F	2	C	.99				DE
TACH	05	0437	0517	0440	S06	E05	.133	11911	5.6	40	1N		C	2.73	2.76			84 E
GRP44597	05	0653	0711	0655	S05	E15	.271	11911	6.4	18	--N			.65				5 5 5 10
MANI	05	0650	0720	0655	S06	E15	.277	11911	6.4	30	-N	2	C	.52	.54			
CRON	05	0651	0705	0653	S05	E14	.255	11911	6.3	14	-N	2	C	.43	.43			
ABST	05	0652	0710	0653	S05	E16	.287	11911	6.5	18	1N		C	1.98	2.10			EVZ
CATA	05	0655	0715	0700	S04	E15	.267	11911	6.4	20	-B		C	.29	.30			(251)
CAPS	05	0655E	0705D		S05	E15	.271	11911	6.4	100	-N	3	V	.03	.30			(190)
GRP44600	05	0814	0851	0828	S04	E15	.267	11911	6.5	37	-N			.97				12 12 11 16
MONT	05	0753	0803	0754	S04	E16	.283	11911	6.5	10	-N		C	1.13				
TELV	05	0756	0830D	0830	S03	E18	.312	11911	6.7	340	3B							
MANI	05	0804	0854	0825	S05	E15	.271	11911	6.5	50	-N	2	C	.83	.86			(302)
CATA	05	0810	0855	0830	S04	E14	.250	11911	6.4	45	-B		C	.40	.42			
ARCE	05	0810E	0855D	0826	S03	E16	.280	11911	6.5	450	-B		C	1.40	1.50			H
ZURI	05	0813	0850	0826	S03	E12	.213	11911	6.2	37	-B		C	1.83	1.90			
ABST	05	0813	0827D	0826	S04	E14	.250	11911	6.4	140	-F		P	.90	1.00			D
CAPS	05	0815E	0849D		S05	E15	.271	11911	6.5	340	-B	3	V	.12	1.30			(256) H
WEND	05	0820E	0850		S07	E16	.298	11911	6.5	300	1N		V	3.09				
MONT	05	0823	0844	0832	S04	E15	.267	11911	6.5	21	-N		C	.21	.60			H
HERS	05	0825E	0827D	0826	N02	E18	.311	11911	6.7	20	-N		P	.58	.60			D
CRON	05	0827	0850		S03	E15	.263	11911	6.5	23	-N	3	V	.70				
ATHN	05	0828E	0854	0828U	S10	E14	.293	11911	6.4	260	-N	2	C	.66				DE
13 STATIONS REPORTING GROUP 44607. 0 STATIONS OBSERVING AND NOT REPORTING.																		
GRP44607	05	1304	1337	1316	S06	E12	.230	11911	6.4	33	-N			1.28				11 11 10 12
CATA	05	1250E	1325D	1315	S05	E13	.239	11911	6.5	350	-B		P	1.86	1.90			(347)
ARCE	05	1258E	1345D	1315	S05	E13	.239	11911	6.5	470	-B		C	1.24	1.30			K
MCMA	05	1259	1341	1316	S05	E12	.223	11911	6.4	42	-B		C	1.65	1.60			EFL
RAMY	05	1300	1340	1314U	S04	E10	.185	11911	6.3	40	-B	4	V	1.55				F
ONDR	05	1302	1332D	1315	S10	E11	.253	11911	6.4	300	1N		V		3.30			CIJ
ATHN	05	1304E	1316D	1316	S06	E12	.230	11911	6.4	120	-N	2	C	1.16				F
CANR	05	1304	1330	1315	S06	E13	.245	11911	6.5	26	-N	2	C	1.72	1.73			
BOUL	05	1305E	1327	1316	S06	E13	.245	11911	6.5	220	-N	2	C	1.94	1.94			
KIEV	05	1309	1340	1325	S05	E13	.239	11911	6.5	31	-F		C	.88	.90			55 DI
HUAN	05	1315E	1340		S04	E13	.234	11911	6.5	250	-N	1	P	.62	.63			E
CAPS	05	1324	1342		S06	E14	.261	11911	6.6	18	-B	3	V	.18	1.90			(243)
44607	05	1301	1323	1303	S06	E12	.230	11911	6.4	22	*-N			.49				4 3 2 9
ARCE	05	1258E	1304		S16	E05	.285	11911	5.9	60	-N		P	.36	.40			B
RAMY	05	1300	1340	1303U	S04	E10	.185	11911	6.3	40	-B	4	V	.93				F
BOUL	05	1301	1307	1303	S05	E13	.239	11911	6.5	6	-F	3	V					
CAPS	05	1305E	1323D		S08	E13	.261	11911	6.5	180	-B	1	V	.05	.50			(290) C
44607	05	1315	1341	1329	S05	E13	.239	11911	6.5	26	*-F			2.52				2 2 2 11
WEND	05	1315E	1342		S05	E13	.239	11911	6.5	270	1F		V	4.13				
ZURI	05	1329E	1340	1329	S04	E12	.218	11911	6.5	110	-N		P	.91	.90			
GRP44612	05	2008	2020	2010	S05	E02	.090	11911	6.0	12	--F			.29				2 2 2 2
MCHA	05	2008	2020	2010	S05	E01	.085	11911	5.9	12	-F		C	.31	.30			E
HUAN	05	2014E	2019		S04	E02	.075	11911	6.0	50	-F	1	P	.26	.26			
GRP44613	05	2145	2227	2207	S06	E07	.158	11911	6.4	42	--B			.59				2 2 2 3
MCMA	05	2145	2227D	2207	S05	E06	.133	11911	6.4	420	-B		C	.41	.40			EK
HUAN	05	2211E	2220D		S07	E07	.169	11911	6.4	90	-N	1	P	.77	.77			E
GRP44615	06	0153	0218	0202	S07	W46	.724	11904	2.6	25	1N			1.16				5 5 5 8
SIBE	06	0145	0235	0202	S09	W46	.727	11904	2.6	50	2F		C	3.63	5.30			53 DK
MANI	06	0157	0217	0203	S06	W46	.723	11904	2.6	20	-N	2	C	.83				
MITK	06	0158	0221	0202	S05	W45	.710	11904	2.7	23	-F		C	.52	.70			E
PALE	06	0159E	0209	0201U	S06	W44	.699	11904	2.8	100	-N	2	V	.41				F
CRON	06	0203E	0210		S07	W50	.770	11904	2.3	70	-N	3	V	.40				
GRP44618	06	0522	0532	0526	S08	E04	.154	11911	6.5	10	--B			.42				2 2 2 6
MITK	06	0520	0531	0526	S07	E04	.139	11911	6.5	11	-B		C	.62	.60			D
MANI	06	0524	0532	0526	S08	E04	.154	11911	6.5	8	-N	2	C	.21				

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS	
	DATE	START	END	MAX. PHASE	APPROX. MER. LAT.	CENTRAL DIST.	MCMATH PLAGE REGION	CMP DAY	TIME UT				MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %		
1972 JUN																		
GRP44619	06	0550	0609	0556	S05	W01	.087	11911	6.2	19	--N						3 3 3 7	
MITK	06	0550	0612	0553	S05	W01	.087	11911	6.2	22	-N	C	0553	.52	.50		D	
CATA	06	0550	0605	0600	S05	W01	.087	11911	6.2	15	-N	C	0600	.14	.14	(193)		
MANI	06	0551	0610	0555	S05	W01	.087	11911	6.2	19	-F	2	0555	.31	.31			
GRP44623	06	0959	1016	1000	S05	W02	.092	11911	6.3	17	--F			.47			4 4 4 5	
TEHR	06	0957E	1005	1000U	S05	W05	.122	11911	6.0	8D	-F	3	V	.19			F	
ATHN	06	0959E	1006	0959U	S06	W01	.104	11911	6.3	7D	-F	2	V	.66			DE	
CAPS	06	0959	1014		S04	E01	.070	11911	6.5	15	-N	3	P	.10	1.00		(171) H	
CATA	06	1000	1040	1000	S05	W01	.087	11911	6.3	40	-N	C	1000	.93	.93	(199)		
GRP44624	06	1015	1030	1019	S05	W02	.092	11911	6.3	15	--F			.30			3 3 3 6	
ATHN	06	1013	1033	1016	S06	W01	.104	11911	6.4	20	-F	2	V	.66			DE	
CAPS	06	1016	1033		S04	E01	.070	11911	6.5	17	-N	3	P	.05	.50	(171)	H	
TEHR	06	1018E	1024	1021U	S05	W05	.122	11911	6.1	6D	-F	3	V	.19			F	
GRP44629	06	1505	1533	1509	N10	W90	1.000	11895	30.9	28	1B			2.17			5 5 1 7	
RAMY	06	1502E	1530	1504	N10	W90	1.000	11895	29.9	28D	-B	4	V				Y	
MCMA	06	1506	1530	1510	N10	W90	1.000	11895	29.9	24	2B	C	1510				X	
HUAN	06	1507	1520U		N11	W90	1.000	11895	29.9	13D	-B	1	P				Y	
CAPS	06	1508E	1528D		N11	W90	1.000	11895	29.9	20D	2B	2	P				Y	
HERS	06	1513E	1538	1513U	N09	W90	1.000	11895	29.9	25D	2N	P	1514	2.17		30	A	
80 STATIONS REPORTING GROUP 44630. 0 STATIONS OBSERVING AND NOT REPORTING.																		
630 CANR	06	1504	1625	1508	N10	W90	1.000	11911	29.9	81	1B	2	V	1508	.60	2.40		1
GRP44632	06	2017	2028	2019	S04	W07	.139	11911	6.3	11	--F			.43			4 4 4 5	
RAMY	06	2015	2026	2017	S05	W06	.135	11911	6.4	11	-F	2	C	.56			DE	
MCMA	06	2018	2030	2019	S04	W08	.155	11911	6.2	12	-N	C	2019	.36	.40		E	
HUAN	06	2018	2027	2019	S05	W07	.149	11911	6.3	9	-F	1	C	2019	.26	.26		D
PALE	06	2019E	2027D	2020	S03	W07	.132	11911	6.3	8D	-N	2	V	.52			F	
GRP44638	07	0533	0545	0534	N06	W34	.566	11906	4.7	12	--N			.72			3 3 3 6	
ABST	07	0532	0544	0534	N06	W35	.580	11906	4.6	12	-F	C	0534	1.26	1.50		E	
ATHN	07	0533E	0550	0534	N06	W32	.537	11906	4.8	17D	-N	2	V	.33			DE	
CATA	07	0535	0540	0535	N07	W34	.568	11906	4.7	5	-N	C	0535	.58	.70	(195)		
GRP44639	07	0620	0730	0635	S06	W23	.403	11911	5.5	70	-N			1.90			6 6 5 7	
TELV	07	0615	0730	0640	S04	W26	.443	11911	5.3	75	1B							
ABST	07	0620	0720D	0628	S07	W23	.407	11911	5.5	60D	1N	P	0628	2.79	3.00		FW	
CATA	07	0625	0715	0630	S04	W22	.380	11911	5.6	50	-B	C	0630	1.86	2.02	(254)		
CRON	07	0630E	0707		S07	W20	.361	11911	5.8	37D	-F	3	V	1.00				
ATHN	07	0636E	0701D	0636U	S07	W23	.407	11911	5.5	25D	-F	2	V	1.32			DE	
ZURI	07	0636E	0708	0641	S06	W25	.433	11911	5.4	32D	1N	P	0641	2.52	2.70			
44639	07	0645	0740	0715	S05	W25	.430	11911	5.4	55	*-F			1.14			2 2 2 6	
BUCA	07	0645E	0755D		S04	W23	.396	11911	5.6	70D	-F	P	0715	1.10	1.20			
ZURI	07	0714	0725	0715	S05	W27	.461	11911	5.3	11	-N	C	0715	1.18	1.30			
GRP44644	07	2024	2046	2030	S05	W28	.476	11911	5.8	22	--F			.56			3 3 3 5	
MCMA	07	2023	2050	2028	S04	W29	.489	11911	5.7	27	-F	C	2028	.52	.60		E	
HUAN	07	2025	2039	2030	S05	W28	.476	11911	5.8	14	-F	1	C	2030	.41	.48		E
RAMY	07	2031E	2050	2031U	S05	W28	.476	11911	5.8	19D	-F	3	C	.74			DE	
GRP44645	08	0055	0207	0123	S07	W24	.422	11911	6.2	72	--F			2.45			3 2 2 3	
CRON	08	0055	0130	0059	S06	W23	.403	11911	6.3	35	-F	2	C	0059	.43	.47		
CULG	08	0057	0207	0122	S06	W23	.403	11911	6.3	70	1N	C	0122	3.30	3.52		TU	
SIBE	08	0119	0134D	0124	S07	W25	.437	11911	6.2	15D	-F	C	0124	1.60	1.79	54	F	
GRP44649	08	0603	0626	0607	S08	W27	.471	11911	6.2	23	--F			.36			3 2 2 6	
ATHN	08	0603	0630	0606	S08	W27	.471	11911	6.2	27	-F	1	C	.50			DE	
HTPR	08	0603	0622	0607	S07	W27	.467	11911	6.2	19	-F	C	0611	.21	.20		E	
HTPR	08	0603	0622	0611	S07	W27	.467	11911	6.2	19	-F	C	0611	.21	.20		E	
ABST	08	0628E	0629D	0629	S08	W26	.457	11911	6.3	1D	1N	P	0629	1.98	2.20		E	
GRP44652	08	0651	0714	0654	S08	W25	.442	11911	6.4	23	--N			.37			4 4 3 8	
CRON	08	0650	0702	0654	S09	W27	.476	11911	6.3	12	-N	2	C	0654	.43	.49		
TEHR	08	0650E	0657D		S10	W25	.452	11911	6.4	7D	-N	1	V				DE	
CAPS	08	0651	0738		S06	W22	.388	11911	6.6	47	-B	4	P	0653	.06	.70	(356)	F
HTPR	08	0653	0701	0654	S07	W26	.452	11911	6.3	8	-F	C	0654	.62	.70		E	
4 STATIONS REPORTING GROUP 44655. 7 STATIONS OBSERVING AND NOT REPORTING.																		
GRP44655	08	0821	1041 (0841)		S07	W26	.452	11911	6.4	140	--F			1.15			3 2 2 11	
ARCE	08	0821E	0840D		S07	W28	.482	11911	6.2	19D	-F	C	0835	.17	.20			
BUCA	08	0835E	1041D		S06	W25	.434	11911	6.5	126D	1F	P	0837	1.97	2.20			
ARCE	08	0840E	0845D		S08	W27	.471	11911	6.3	5D	-N	C	0845	.33	.40			
CAPS	08	1010	1018D		S14	W30	.543	11911	6.2	8D	-N	1	V	1010	.03	.40	(161)	

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS	
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MGMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α		MAX. INT. %
					LAT.	MER. DIST.												
	1972																	
	JUN																	
44655	08	0927	0941	0927	S07	W24	.422	11911	6.6	14	*-F			.13			2 2 2 8	
HTRP	08	0926	0938	0927	S06	W25	.434	11911	6.5	12	-F	C	0927	.21	.20			
CAPS	08	0927	0944		S08	W22	.397	11911	6.7	17	-N	2 P	0928	.05	.60	(188)		
GRP44657	08	0943	1015	0954	S06	W25	.434	11911	6.5	32	--N			.25			3 3 3 9	
ARCE	08	0922E	1000D		S07	W25	.437	11911	6.5	38D	-N	C	0955	.36	.40			
CAPS	08	0939	1028	1000	S05	W25	.430	11911	6.5	49	-B	2 P	1000	.07	.80	(208)	F	
HTRP	08	0946	1001	0948	S06	W25	.434	11911	6.5	15	-F	C	0948	.31	.30		E	
GRP44659	08	1319	1336	1324	S06	W30	.509	11911	6.3	17	--F			.28			4 4 3 9	
ARCE	08	1315E	1400D	1330	S08	W28	.486	11911	6.5	45D	-F	C	1330	.29	.30			
BOUL	08	1319	1329	1322	S02	W30	.501	11911	6.3	10	-F	2 V						
MCMA	08	1320	1329	1321	S08	W31	.529	11911	6.2	9	-F	C	1321	.41	.50		E	
HUAN	08	1321	1324	1321	S07	W31	.526	11911	6.2	3	-F	2 C	1321	.15	.18		D	
GRP44660	08	1352	1357	1354	S08	W28	.486	11911	6.5	5	--F			.41			3 3 3 9	
HUAN	08	1352	1358	1354	S08	W28	.486	11911	6.5	6	-F	2 C	1354	.41	.47		E	
HTRP	08	1352	1356	1353	S07	W29	.497	11911	6.4	4	-F	C	1353	.41	.40			
MCMA	08	1353	1357	1354	S08	W28	.486	11911	6.5	4	-F	C	1354	.41	.50		E	
GRP44663	08	1523	1532	1523	S07	W37	.610	11911	5.9	9	--F			.21			3 3 3 7	
HUAN	08	1521	1535	1522	S06	W40	.648	11911	5.6	14	-F	1 C	1522	.21	.27		D	
ATHN	08	1521E	1531	1522	S07	W40	.650	11911	5.6	10D	-F	2 V		.33			DE	
HTRP	08	1526	1531	1526	S08	W31	.529	11911	6.3	5	-F	C	1526	.10	.10			
GRP44664	08	1553	1613	1555	S19	W44	.734	11911	5.4	20	-N			1.15			9 9 8 11	
ATHN	08	1551E	1614	1552	S18	W45	.741	11911	5.3	23D	-B	2 V		.99			F	
MCMA	08	1552	1616	1555	S20	W44	.738	11911	5.4	24	-N	C	1555	.62	.90		E	
HUAN	08	1552	1617	1555	S19	W45	.744	11911	5.3	25	-N	1 C	1555	.77	1.14		E	
HTRP	08	1552	1610	1554	S19	W45	.744	11911	5.3	18	-N	C	1554	1.34	1.90			
ZURI	08	1553E	1601D	1555	S19	W39	.679	11911	5.7	8D	1N	P	1555	1.89	2.70			
CANR	08	1553	1604	1555	S20	W43	.727	11911	5.4	11	-N	2 C	1555	.75	1.10			
LOCA	08	1554E	1610		S18	W42	.708	11911	5.5	16D	1N	V	1556	1.89	2.50			
RAMY	08	1556E	1609D	1556U	S18	W43	.719	11911	5.4	13D	-N	2 C		.93			DE	
BOUL	08	1557	1622	1558	S16	W47	.756	11911	5.1	25	-N	3 V						
GRP44666	08	1951	1959	1954	S15	W49	.774	11911	5.2	8	--F			.26			2 2 2 2	
MCMA	08	1950	1959	1955	S15	W49	.774	11911	5.2	9	-F	C	1955	.21	.40		E	
HUAN	08	1951	1959	1952	S14	W48	.761	11911	5.2	8	-F	1 C	1952	.31	.48			
668 MCMA	08	2123	2128	2124	S16	W45	.734	11911	5.5	5	--F	C	2124	.31	.40		E 3	
GRP44669	08	2306	2312	2308	N06	W03	.114	11916	8.7	6	--F			.27			2 2 1 5	
BOUL	08	2306	2312	2307	N06	W02	.108	11916	8.8	6	-F	1 V						
PALE	08	2309E	2309D	2309U	N05	W03	.099	11916	8.7		-F	2 C		.27			F	
GRP44670	09	0316	0334	0317	S08	W39	.639	11911	6.2	18	--N			.77			2 2 2 5	
PALE	09	0313E	0328D	0314U	S08	W39	.639	11911	6.2	15D	-N	2 C		.27				
KODA	09	0318	0334	0319	S07	W39	.637	11911	6.2	16	-N	P	0324	1.26	1.30	2.08	D	
GRP44676	09	0708	0727	0714	S07	W41	.663	11911	6.2	19	-F			.99			3 3 3 6	
HTRP	09	0636	0715	0639	S07	W40	.650	11911	6.3	39	-F	C	0639	.10	.10			
ABST	09	0706E	0741D	0713	S07	W42	.676	11911	6.1	35D	1F	P	0713	2.25	3.00		E	
HTRP	09	0710	0758	0714	S07	W37	.610	11911	6.5	48	-F	C	0731	.21	.30		E	
CRON	09	0712E	0725		S07	W44	.701	11911	6.0	13D	-N	3 V		.50				
44676	09	0725	0802	0746	S09	W38	.629	11911	6.5	37	*-N			.52			5 4 4 8	
CATA	09	0715	0805	0745	S07	W40	.650	11911	6.3	50	-B	C	0745	.87	1.13	(219)		
CANR	09	0727	0754		S07	W39	.637	11911	6.4	27	-N	2 V	0730	.80	1.00			
HTRP	09	0733	0755	0746	S09	W37	.616	11911	6.5	22	-N	C	0746	.31	.40			
CAPS	09	0745E	0755D		S12	W36	.613	11911	6.6	10D	-N	1 P	0747	.10	1.30	(170)	E	
ARCE	09	0800E	0821D		S07	W42	.676	11911	6.2	21D	-F	C	0815	.45	.60			
GRP44678	09	1035	1057	1038	S07	W43	.688	11911	6.2	22	-N			.97			4 4 3 9	
HTRP	09	1034	1047	1035	S09	W38	.629	11911	6.6	13	-F	C	1035	.31	.40		E	
CAPS	09	1035E	1057D		S06	W42	.674	11911	6.3	22D	-N	1 P					EF	
CATA	09	1035	1050	1035	S06	W41	.661	11911	6.4	15	-N	C	1035	.75	1.01	(190)		
ATHN	09	1038E	1047	1040	S07	W45	.713	11911	6.1	9D	-N	3 V		.99			F	
CATA	09	1040	1050	1040	S06	W50	.769	11911	5.7	10	-N	C	1040	.87	1.35	(182)		
GRP44679	09	1125	1137	1127	S07	W41	.663	11911	6.4	12	--N			.37			4 4 4 9	
HTRP	09	1124	1135	1127	S09	W38	.629	11911	6.6	11	-F	C	1127	.21	.30			
CATA	09	1125	1135	1125	S07	W42	.676	11911	6.3	10	-N	C	1125	.58	.78	(190)		
ATHN	09	1126	1135D	1128	S07	W45	.713	11911	6.1	9D	-N	3 V		.66				
CAPS	09	1127E	1144D		S06	W40	.648	11911	6.5	17D	-B	1 S	1127	.03	.40	(194)	F	

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OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS		
	DATE	START	END	MAX. PHASE	APPROX. LAT.	CENTRAL MER. DIST.	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α		MAX. INT. %	
	1972																	
	JUN																	
GRP44680	09	1206	1228	1207	S07	W42	.676	11911	6.4	22	--N					6 5 5 9		
RAMY	09	1205	1225	1208	S07	W44	.701	11911	6.2	20	-N	2	C			DE		
CATA	09	1205	1210D	1205	S07	W43	.688	11911	6.3	50	-N		P	1205	.63	.87	(195)	
HTPR	09	1206	1226	1207	S09	W39	.642	11911	6.6	20	-F		C	1207	.21	.30		
ATHN	09	1206	1228	1209	S06	W44	.699	11911	6.2	22	-N	3	V		.50		DE	
CAPS	09	1206E	1232D	1206	S07	W38	.624	11911	6.7	260	-B	2	P	1206	.04	.50	(265)	
UPIC	09	1220	1311D	1227	S07	W44	.701	11911	6.2	510	-N						CF	
GRP44681	09	1326	1400	1333	S07	W43	.688	11911	6.3	34	--N				.35		4 4 3 7	
ARCE	09	1325E	1410D	1335	S07	W43	.688	11911	6.3	450	-N		C	1335	.23	.30		
RAMY	09	1326	1355	1330	S07	W46	.725	11911	6.1	29	-F	2	C		.31		DE	
HTPR	09	1328	1355	1333	S07	W42	.676	11911	6.4	27	-N		C	1333		.70		
CAPS	09	1334E	1347D		S05	W41	.660	11911	6.5	130	-N	1	S					
GRP44684	09	1501	1515	1502	S08	W44	.703	11911	6.3	14	--N				.26		3 3 3 6	
ARCE	09	1500E	1515D		S09	W46	.728	11911	6.2	150	-N		C	1503	.29	.40		
HTPR	09	1501	1515	1502	S09	W40	.655	11911	6.6	14	-F		C	1502	.10	.10		
CANR	09	1501	1514		S07	W45	.713	11911	6.3	13	-N	2	V	1502	.40	.50		
GRP44687	09	1647	1656	1650	S16	E90	1.000	11926	16.4	9	-N				.31		2 2 1 5	
RAMY	09	1646	1650D	1649	S12	E90	1.000	11926	16.4	40	-N	3	C					
HTPR	09	1647	1656	1650	S20	E90	1.000	11926	16.4	9	-N		C	1650	.31			
688	HTPR	09	1748	1759	1753	S15	E90	1.000	11926	16.5	11	-N		C	1753	.31		2
	09	1905	1914		NO FLARE PATROL													
	09	1918	1950		NO FLARE PATROL													
	09	2021	2113		NO FLARE PATROL													
GRP44690	10	0947	1002	0950	S06	W56	.832	11911	6.2	15	-N				.47		4 4 3 8	
ATHN	10	0944E	0959	0944U	S05	W58	.850	11911	6.1	150	-N	3	V		.50		DE	
CATA	10	0945	1010	0950	S06	W54	.812	11911	6.4	25	-N		C	0950	.69	1.18	(166)	
ARCE	10	0947E	0955D		S09	W54	.815	11911	6.4	80	-N		C	0955	.23	.40		
UPIC	10	0950	0958		S05	W59	.859	11911	6.0	8	1N		P					
GRP44696	10	1340	1357	1345	S10	W60	.871	11911	6.1	17	-N				.32		3 3 2 6	
CAPS	10	1335	1400D		S09	W58	.853	11911	6.2	250	-B	3	P	1345	.04	.80	(212)	
BOUL	10	1342	1356	1344	S08	W60	.869	11911	6.1	14	-N	3	V	1344	.60	1.20		
UPIC	10	1344	1357	1345	S08	W61	.878	11911	6.0	13	1N		P					
CAPS	10	1350E	1355D		S12	W68	.931	11911	5.5	50	-N	3	V	1352	.20		(170)	
CAPS	10	1350E	1406D		S16	W62	.893	11911	5.9	160	-N	3	P	1352	.20		(170)	
CAPS	10	1400	1406D		S17	W55	.837	11911	6.5	60	-B	2	P					
GRP44704	11	1023	1031	1024	S07	W67	.922	11911	6.4	8	--N				.32		3 3 2 6	
ATHN	11	1020	1030	1022	S06	W66	.915	11911	6.5	10	-N	1		1022	.34	.51		
CAPS	11	1024E	1032D		S08	W65	.909	11911	6.6	80	-N	1	S					
CATA	11	1025	1030	1025	S08	W69	.935	11911	6.3	5	-N		C	1025	.29		(174)	
GRP44705	11	1049	1104	1049	S06	W69	.935	11911	6.3	15	--N				.39		2 2 2 5	
CANR	11	1047	1058	1047	S08	W70	.941	11911	6.2	11	-N	3	V	1047	.20	.50		
CATA	11	1050	1110	1050	S04	W67	.921	11911	6.4	20	-N		C	1050	.58		(172)	
GRP44706	11	1235	1300	1237	S09	W69	.936	11911	6.3	25	-B				.44		5 4 4 7	
CANR	11	1234	1246	1237	S11	W70	.943	11911	6.3	12	-N	2	C	1237	.43			
CANR	11	1234	1246	1237	S11	W70	.943	11911	6.3	12	-N	2	C	1237	.43			
CATA	11	1235	1240D	1235	S06	W69	.935	11911	6.3	50	-B		P	1235	.58		(216)	
BOUL	11	1235	1257	1237	S08	W71	.947	11911	6.2	22	-B	1	V	1237	.40	.70		
ATHN	11	1239E	1258	1240	S10	W64	.903	11911	6.7	190	-N	1		1240	.34	.47		
UPIC	11	1252E	1317D		S11	W74	.963	11911	6.0	250	1N		P					
GRP44707	11	1329	1335	1332	S12	E63	.897	11926	16.3	6	--F				.38		2 2 2 6	
BOUL	11	1328	1334	1331	S13	E62	.890	11926	16.2	6	-F	2	C	1331	.54	1.18		
HUAN	11	1329	1336	1332	S11	E63	.896	11926	16.3	7	-F	1	C	1332	.21		D	
GRP44709	11	1435	1509	1445	S07	W72	.952	11911	6.2	34	-N				.93		4 4 3 4	
MCMA	11	1434E	1510D		S05	W72	.952	11911	6.2	360	-N		C	1453	.52	1.50	E	
CANR	11	1435	1505	1444	S08	W72	.952	11911	6.2	30	1N	2	C	1444	.75			
BOUL	11	1436	1538	1436U	S08	W72	.952	11911	6.2	62	-N	2	V	1436	.40	.70		
BOUL	11	1439	1512	1445	S06	W72	.952	11911	6.2	33	1N	2	C	1445	1.51			
HUAN	11	1443E	1458D		S06	W70	.941	11911	6.4	150	-F	1	P					
GRP44711	11	1632	1659	1635	S06	W72	.952	11911	6.3	27	--N				.30		5 5 5 5	
BOUL	11	1630	1658	1632	S08	W73	.958	11911	6.2	28	-B	1	V	1632	.40	.70		
CANR	11	1630	1700		S07	W71	.947	11911	6.4	30	-N	2	V	1636	.40	1.00		
PALE	11	1632E	1648D	1637	S05	W72	.952	11911	6.3	160	-B	3	C		.19			
RAMY	11	1633	1646D	1635	S07	W73	.957	11911	6.2	130	-N	2	C		.37		DE	
MCMA	11	1633E	1700		S05	W73	.957	11911	6.2	270	-N		C	1641	.15	.60	D	

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS	
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MC MATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha		MAX. INT. %
					LAT.	MER. DIST.												
1972 JUN																		
GRP44713	11	1726	1746	1730	S12	E61	.881	11926	16.3	20	--N					6 6 6 6		
BOUL	11	1718	1756	1730	S13	E61	.882	11926	16.3	38	-N	2	C	1730	.43	.91		
MCMA	11	1728	1739	1729	S12	E63	.897	11926	16.5	11	-N		C	1729	.21	.50	D	
RAMY	11	1728E	1750D	1729U	S12	E61	.881	11926	16.3	22D	-N	2	V		.41		F	
HUAN	11	1728	1737	1731	S12	E60	.873	11926	16.2	9	-F	1	C	1731	.26	.54	D	
CANR	11	1730	1749		S12	E61	.881	11926	16.3	19	-N	2	V	1732	.50	.90		
PALE	11	1731E	1735D	1731U	S13	E60	.874	11926	16.2	4D	-N	2	C		.45		F	
GRP44714	11	1742	1813	1748	S07	W74	.962	11911	6.2	31	-N				.39		3 3 2 6	
CANR	11	1740	1753		S08	W74	.962	11911	6.2	13	-N	2	V	1744	.50	1.30		
PALE	11	1742	1757D	1751U	S05	W75	.966	11911	6.1	15D	-N	2	C		.27		F	
BOUL	11	1744	1815	1745	S08	W74	.962	11911	6.2	31	-N	1	V					
CANR	11	1752	1810		S07	W72	.952	11911	6.3	18	-N	2	V	1754	.30	.60		
GRP44716	11	1853	1910	1856	S10	E62	.888	11926	16.4	17	-N				.76		3 3 3 5	
BOUL	11	1852	1903	1857	S09	E65	.909	11926	16.7	11	1N	2	V	1857	1.00	2.20		
RAMY	11	1853E	1925	1856	S10	E61	.880	11926	16.4	32D	-B	3	V		.93		DE	
HUAN	11	1854	1901	1856	S11	E59	.864	11926	16.2	7	-N	1	C	1856	.36	.73	D	
GRP44717	11	1917	1935	1920	S07	W74	.962	11911	6.3	18	-N				.37		3 3 1 3	
RAMY	11	1914	1935	1918	S08	W73	.958	11911	6.3	21	-N	2	C		.37		DE	
MCMA	11	1918E	1923D		S05	W74	.962	11911	6.3	5D	-F		P	1922			O	
BOUL	11	1918	1934	1921	S09	W76	.971	11911	6.1	16	-N	2	V					
	11	2056	2110	NO FLARE PATROL														
718 RAMY	11	2113E	2117D	2113U	S09	E60	.870	11926	16.4	4D	--F	2	V		.28		DE	
																	2	
GRP44720	12	0605	0635	0611	S10	E56	.836	11926	16.5	30	-N				1.02		4 4 4 6	
CULG	12	0546	0610D		S11	E56	.837	11926	16.4	24D	1N		P	0610	1.24	2.28	T	
ABST	12	0602	0615D	0608	S10	E53	.807	11926	16.2	13D	1F		P	0608	1.80	3.10	E	
ABST	12	0603	0615D	0610	S09	E56	.835	11926	16.5	12D	1N		P	0610	1.35	2.50	E	
MANI	12	0608	0635	0610	S09	E57	.844	11926	16.5	27	-N	2	C		.83			
ATHN	12	0612E	0630D	0612U	S11	E57	.846	11926	16.5	18D	-N	3	V		.66		DE	
GRP44722	12	0729	0741	0735	S11	W80	.986	11911	6.3	12	-N				.57		2 2 2 6	
HTPR	12	0726E	0739		S12	W80	.986	11911	6.3	13D	-N		C	0735	.62			
MANI	12	0732	0743	0735	S10	W80	.986	11911	6.3	11	-N	2	C		.52			
7 STATIONS REPORTING GROUP 44729. 1 STATIONS OBSERVING AND NOT REPORTING.																		
GRP44729	12	1318	1403	1334	S11	E52	.798	11926	16.5	45	1B				2.47		7 7 7 8	
ATHN	12	1314E	1402	1334	S12	E55	.829	11926	16.7	48D	-B	1		1334	1.70	2.03		
HTPR	12	1317	1400	1325	S09	E53	.805	11926	16.5	43	-N		C	1325	1.13	1.70		
RAMY	12	1318	1415	1331	S12	E52	.800	11926	16.5	57	1B	3	C		3.06		DE	
BOUL	12	1320	1410	1333	S11	E51	.788	11926	16.4	50	1N	2	C	1333	2.37	3.85		
CANR	12	1321	1358	1340	S10	E52	.797	11926	16.5	37	1N	2	C	1340	3.01	3.74		
TEHR	12	1323E	1355	1334	S11	E52	.798	11926	16.5	32D	1B	4	V		1.83		F	
HERS	12	1338E	1358	1338U	S10	E50	.776	11926	16.3	20D	2B		P	1340	4.16	6.70	45 U	
44729	12	1322	1401	1328	S11	E53	.808	11926	16.5	39	*-B				1.04		2 2 2 7	
RAMY	12	1318	1415	1321	S12	E52	.800	11926	16.5	57	-N	3	C		1.03		DE	
RAMY	12	1322E	1406	1327	S11	E55	.828	11926	16.7	44D	-B	3	V		1.24		F	
TEHR	12	1323E	1355	1328	S11	E52	.798	11926	16.5	32D	-N	4	V		.83		F	
GRP44732	12	1509	1524	1515	S06	W88	.999	11911	6.0	15	1N				1.03		3 3 1 7	
HTPR	12	1505	1515	1512	S05	W90	1.000	11911	5.9	10	-N		C	1512	1.03			
CAPS	12	1505	1615		S05	W90	1.000	11911	5.9	70	3N	3	P				R	
BOUL	12	1516	1532	1518	S08	W85	.996	11911	6.3	16	-N	3	V					
GRP44733	12	1555	1610	1558	S11	E51	.788	11926	16.5	15	--F				.36		3 2 1 7	
HTPR	12	1530	1610	1542	S12	E52	.800	11926	16.5	40	-F		C	1542	.52	.80		
CAPS	12	1555E	1600D		S12	E50	.780	11926	16.4	5D	-N	3	S					
RAMY	12	1556E	1610	1558U	S10	E52	.797	11926	16.6	14D	-F	3	V		.36		DE	
737 PALE	12	1758E	1809	1800U	S14	E44	.719	11926	16.0	11D	--F	3	C		.36		F	
	12	2040	2116	NO FLARE PATROL														
GRP44738	13	0125	0210	0142	S10	E43	.696	11926	16.3	45	1N				1.99		2 2 2 3	
CULG	13	0125	0210	0142	S11	E43	.699	11926	16.3	45	1N		C	0142	1.75	2.38		
VORO	13	0137E	0159D		S08	E42	.679	11926	16.2	22D	1N		P	0137	2.22	2.96	79 E	
GRP44741	13	0840	0855	0841	S14	E39	.661	11926	16.3	15	-N				.79		5 5 5 7	
TEHR	13	0839E	0854	0842	S15	E38	.653	11926	16.2	15D	-N	4	V		.84		F	
MONT	13	0839	0853	0841	S12	E39	.653	11926	16.3	14	-N		C	0841	.72			
ATHN	13	0840E	0850	0842	S13	E40	.669	11926	16.4	10D	-F	1		0842	.52	.55		
CATA	13	0840	0900	0840	S16	E37	.645	11926	16.1	20	-N		C	0840	1.27	1.66	(204)	
CAPS	13	0840E	0858D		S14	E40	.673	11926	16.4	18D	-B	3	V	0844	.60	.80	(220)	

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OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS		
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMATH PLAGE REGION				CMP DAY	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha		MAX. INT. %	
					LAT.	MER. DIST.													
	1972																		
	JUN																		
GRP44742	13	0859	0920	0900	S11	E38	.637	11926	16.2	21	--N								
CAPS	13	0858	1015D		S11	E38	.637	11926	16.2	77D	-B	3	P	0900	.74			(228)	4 3 3 8
MONT	13	0858	0906	0859	S09	E39	.644	11926	16.3	8	-N		C	0859	1.13	.40			
CATA	13	0900	0935	0900	S12	E37	.628	11926	16.1	35	-N		C	0900	.80	1.04		(190)	
ARCE	13	0952E	0952D		S09	E39	.644	11926	16.3		-N		P	0952	.29	.40			
GRP44743	13	1036	1057	1045	S15	E56	.844	11926	17.6	21	-N				.40				3 3 2 8
TELV	13	1036	1058	1044	S15	E60	.878	11926	17.9	22	1B								
ATHN	13	1045E	1055	1045U	S16	E55	.837	11926	17.6	10D	-F	3	V		.66			DE	
ARCE	13	1045E	1047D		S14	E53	.814	11926	17.4	2D	-N		P	1045	.13	.20			
GRP44744	13	1040	1056	1045	S10	E39	.646	11926	16.4	16	--N				.70				4 4 4 7
CAPS	13	1037E	1114D		S11	E40	.662	11926	16.4	37D	-N	3	V	1045	1.30	1.60		(171)	
MONT	13	1042	1046	1043	S09	E38	.631	11926	16.3	4	-N		C	1043	.72				
ATHN	13	1045E	1052	1046	S12	E40	.665	11926	16.4	7D	-N	3	V		.33			DE	
ARCE	13	1045E	1052D		S09	E38	.631	11926	16.3	7D	-N		C	1047	.45	.60			
GRP44747	13	1427	1448	1436	S12	E33	.576	11926	16.1	21	--N				.41				3 3 3 6
ARCE	13	1425E	1446D	1435	S12	E33	.576	11926	16.1	21D	-N		C	1435	.42	.50			
HUAN	13	1429	1446	1437U	S12	E31	.549	11926	15.9	17	-F	2	C	1437	.31	.37		E	
CAPS	13	1431E	1453D	1436	S12	E36	.615	11926	16.3	22D	-N	2	V	1436	.50	.60		(166)	
GRP44751	13	1843	1854	1849	S11	E33	.571	11926	16.3	11	--N				.30				3 3 3 4
HUAN	13	1843	1854	1846	S10	E33	.567	11926	16.3	11	-N	1	C	1846	.36	.44		E	
MCMA	13	1849E	1850D		S12	E32	.563	11926	16.2	1D	-N		C	1850	.26	.30		E	
PALE	13	1851E	1854D	1851U	S11	E33	.571	11926	16.3	3D	-N	2	C		.27			F	
	13	1903	1922		NO FLARE PATROL														
	13	2300	2306		NO FLARE PATROL														
GRP44752	13	2313	2353	2323	S15	E37	.641	11926	16.7	40	--F				.41				2 1 1 3
MANI	13	2313	2353	2323	S14	E37	.636	11926	16.7	40	-F	2	C		.41			F	
PALE	13	2335E	2338		S15	E37	.641	11926	16.8	3D	-N	3	C					F	
753 MANI	14	0015E	0025	0016	N07	E89	1.000	11928	20.7	10D	-N	2	V		.21				2
4 STATIONS REPORTING GROUP 44755. 3 STATIONS OBSERVING AND NOT REPORTING.																			
GRP44755	14	0534	0633	0546	S08	E25	.446	11926	16.1	59	-N				1.03				3 3 3 6
MANI	14	0534	0634	0546	S09	E25	.451	11926	16.1	60	-N	2		0546	.72	.80			
CATA	14	0535	0545	0540	S09	E25	.451	11926	16.1	10	-N		C	0540	.58	.65		(170)	
MANI	14	0538E	0632	0540	S10	E27	.485	11926	16.3	54D	-N	2	V		.72			F	
CATA	14	0545	0550D	0545	S08	E26	.460	11926	16.2	5D	-N		P	0545	.34	.39		(176)	
ABST	14	0546E	0615D	0551	S07	E25	.441	11926	16.1	29D	-N		P	0551	1.80	2.00		E	
ABST	14	0546E	0615D	0549	S09	E23	.422	11926	16.0	29D	-N		P	0549	.90	1.00		E	
44755	14	0555	0606	0557	S10	E26	.471	11926	16.2	11	*-N				.48				2 2 2 9
TEHR	14	0555E	0606	0558U	S11	E25	.462	11926	16.1	11D	-N	4	V		.37			F	
CATA	14	0555E	0605D	0555	S08	E26	.460	11926	16.2	10D	-N		P	0555	.58	.64		(199)	
GRP44756	14	0610	0730	0645	S13	E32	.568	11926	16.7	80	--N				.42				3 2 2 9
CATA	14	0610E	0730D	0645	S13	E31	.555	11926	16.6	80D	-N		P	0645	.34	.41		(170)	
TACH	14	0627E	0635		S10	E28	.499	11926	16.4	8D	-B		C	0627	1.19	1.35		80	
CAPS	14	0645E	0707D		S12	E33	.577	11926	16.8	22D	-N	1	V	0645	.50	.60		(171)	
GRP44758	14	0821	0906	0824	S13	E23	.449	11926	16.1	45	-N				1.49				6 5 5 7
MANI	14	0819	0858	0827	S13	E22	.436	11926	16.0	39	-N	2		0827	.62	.68			
ATHN	14	0820	0840	0823	S12	E21	.415	11926	15.9	20	-N	3	V		.66			DE	
ABST	14	0821E	0900	0823	S13	E24	.463	11926	16.1	39D	1N		P	0823	3.60	4.00		E	
TEHR	14	0822E	0840	0824U	S14	E24	.470	11926	16.1	18D	-N	4	V		.84			F	
CATA	14	0825	0850	0825	S13	E23	.449	11926	16.1	25	-B		C	0825	1.73	1.93		(206)	
CAPS	14	0830E	0906D		S10	E24	.442	11926	16.2	36D	-F	1	V	0840	.40	.50			
GRP44763	14	1021	1033	(1021)	S15	E29	.541	11926	16.6	12	--N				.43				2 2 2 4
CATA	14	1020E	1030	1020	S16	E27	.523	11926	16.5	10D	-N		P	1020	.46	.54		(178)	
CAPS	14	1021	1036		S14	E30	.548	11926	16.7	15	-N	1	P	1021	.40	.50		(171)	
GRP44765	14	1300	1318	1307	S14	E27	.509	11926	16.6	18	--N				.41				4 4 3 7
CAPS	14	1257	1318		S13	E28	.516	11926	16.6	21	-N	3	V	1300	.30	.40		(180)	
HUAN	14	1258	1320		S15	E26	.503	11926	16.5	22	-N	1	C	1307	.46	.54			
RAMY	14	1258	1622	1306	S15	E25	.491	11926	16.4	204	-N	2	C		.46			E	
BOUL	14	1305	1317	1308	S13	E27	.502	11926	16.6	12	-F	3	V		.30			DE	
GRP44770	14	1628	1644	1632	S12	E16	.375	11926	16.0	16	--F				.79				5 5 4 6
MCMA	14	1627	1650	1630	S13	E17	.372	11926	16.0	23	-N		C	1630	.41	.40		E	
BOUL	14	1628	1650	1632	S09	E20	.378	11926	16.2	22	-F	3	V						
RAMY	14	1628	1641D	1633	S12	E17	.362	11926	16.0	13D	-F	2	C		1.39			U F	
HUAN	14	1628	1641	1632	S12	E17	.362	11926	16.0	13	-F	1	C	1632	.26	.28			
ZURI	14	1629	1638	1632	S12	E21	.415	11926	16.3	9	-N		C	1632	1.11	1.20			

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS		
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %			
	1972 JUN																			
773 HUAN	14	1852	1858	1853	S15	E21	.441	11926	16.4	6	--F	2 C	1853	.21	.23			D	3	
774 HUAN	14	1936	1946	1939	S14	E29	.535	11926	17.0	10	--N	2 C	1939	.52	.62				3	
GRP44775	14	2024	2037	2027	S13	E15	.348	11926	16.0	13	--N			.54				3 3 3 4		
MCMA	14	2023	2032D	2027	S12	E15	.337	11926	16.0	90	-N	C	2027	.52	.50			E		
HUAN	14	2024	2037	2028	S12	E15	.337	11926	16.0	13	-N	1 C	2028	.31	.33					
PALE	14	2026E	2032D	2026U	S14	E14	.348	11926	15.9	60	-N	2 C		.80				F		
776 HUAN	14	2106E	2109		S14	E18	.394	11926	16.2	30	--F	1 P	2106	.41	.44			CE	2	
	14	2205	2222	NO FLARE PATROL																
	14	2240	2253	NO FLARE PATROL																
GRP44778	15	0301	0324	0305	S14	E13	.338	11926	16.1	23	--F			1.56				2 2 2 5		
CULG	15	0259	0333	0305	S14	E13	.338	11926	16.1	34	1F	C	0305	2.48	2.40			HLR		
PALE	15	0302	0314	0304	S14	E12	.328	11926	16.0	12	-F	2 C		.63				F		
GRP44779	15	0531	0543	0535	S14	W18	.396	11922	13.9	12	--F			.32				2 2 2 5		
MANI	15	0531	0543	0535	S14	W17	.384	11922	14.0	12	-F	2 C		.31				H		
ATHN	15	0531	0543	0534	S14	W18	.396	11922	13.9	12	-F	2 C		.33				DE		
GRP44782	15	0900	0912	0903	S04	E56	.831	11927	19.6	12	--N			.22				4 4 4 8		
TEHR	15	0859	0910	0902	S04	E55	.821	11927	19.5	11	-N	3 V		.09				DE		
ATHN	15	0900	0915	0903	S05	E57	.841	11927	19.6	15	-F	3 C		.33				DE		
ARCE	15	0900E	0910D		S04	E57	.840	11927	19.6	100	-N	C	0905	.26	.50					
CAPS	15	0902E	0913		S02	E55	.820	11927	19.5	110	-N	3 V	0907	.20	.40			(175)		
GRP44783	15	0951	1032	0958	S10	E11	.268	11926	16.2	41	1N			3.56				9 9 8 9		
CAPS	15	0927E	1140D	0952	S11	E09	.258	11926	16.1	133D	-B	3 P	0957	1.50	1.60			(201)	CFH	
ATHN	15	0927	1029	0954	S05	E15	.278	11926	16.5	62	1B	3 V		3.30				U F		
CAPF	15	0945E	1045D	0954	S12	E10	.282	11926	16.2	60D	2N	P	0955	6.31	6.40			FH		
TEHR	15	0949	1032	0956	S09	E14	.295	11926	16.5	43	-B	3 V		1.55				F		
ARCE	15	0950E	1021D	1007	S10	E11	.268	11926	16.2	31D	1B	C	1007	4.13	4.30					
MONT	15	0952	1025	1001	S10	E11	.268	11926	16.2	33	1N	C	1001	3.40						
KIEV	15	0952	1020	0956	S08	E10	.232	11926	16.2	28	1N	C	0956	4.13	4.40			60	EHI	
CATA	15	0955	1105	1003	S09	E10	.244	11926	16.2	70	1B	C	1003	4.18	4.30			(240)		
TELV	15	0955	1020	1003	S15	E09	.314	11926	16.1	25	1F									
44783	15	0928	1001	0933	S11	E10	.269	11926	16.1	33	*-N			1.15				5 4 4 7		
ATHN	15	0927	1029	0929	S05	E15	.278	11926	16.5	62	-B	3 V		1.65				U F		
MONT	15	0928	0946	0933	S13	E08	.277	11926	16.0	18	-N	C	0933	1.13				H		
CATA	15	0930	0955	0930	S13	E08	.277	11926	16.0	25	-N	C	0930	1.33	1.39			(197)		
ARCE	15	0935E	1002D		S12	E08	.263	11926	16.0	27D	-N	C	0935	.48	.50					
TEHR	15	0939E	0951	0940U	S12	E10	.282	11926	16.2	120	-N	3 V		.45				F H		
5 STATIONS REPORTING GROUP 44786. 3 STATIONS OBSERVING AND NOT REPORTING.																				
GRP44786	15	1249	1450	1313	S14	W00	.259	11922	15.5	121	1F			3.56				3 3 3 8		
CATA	15	1245	1505D	1310	S11	W03	.214	11922	15.3	140D	1N	P	1310	2.90	2.96			(162)		
HUAN	15	1247	1445U		S12	W01	.226	11922	15.5	118D	1F	1 C	1317	2.17	2.26			I		
BOUL	15	1254	1440	1315	S16	E01	.293	11922	15.6	106	1F	3 V	1315	4.00	4.00			(155)		
CATA	15	1305	1400	1310	S17	E03	.313	11922	15.8	55	-N	C	1310	1.62	1.69					
44786	15	1247	1500	1304	S10	W02	.194	11922	15.4	133	*-N			1.93				2 2 2 7		
CAPS	15	1247	1500		S10	W01	.192	11922	15.5	133	1N	3 P	1301	2.30	2.30			(182)	E	
RAMY	15	1304E	1405D	1304U	S10	W02	.194	11922	15.4	61D	-N	2 C		1.55				F		
44786	15	1304	1630	1340	S11	W03	.214	11922	15.3	206	*-N			1.24				3 3 3 10		
RAMY	15	1304E	1405D	1349U	S10	W02	.194	11922	15.4	61D	-N	2 C		.83				F		
ABST	15	1327E	1335D	1331	S13	W03	.247	11922	15.3	8D	-N	P	1331	1.35	1.40			E		
MCMA	15	1435E	1630D		S10	W04	.203	11922	15.3	115D	-N	P	1454	1.55	1.50			BE		
GRP44790	15	1516	1548	1520	S07	W12	.249	11922	14.7	32	--F			.57				4 3 2 7		
HUAN	15	1512	1550	1516	S06	W10	.211	11922	14.9	38	-F	1 C	1516	.31	.32			K		
ATHN	15	1514E	1545	1514U	S07	W12	.249	11922	14.7	31D	-F	3 V		.83				DE		
BOUL	15	1523	1549	1523	S07	W13	.263	11922	14.7	26	-F	3 V								
CAPS	15	1523E	1544D		S07	W01	.140	11922	15.6	21D	-F	3 P	1523	.50	.50			(153)	CH	
	15	1955	2009	NO FLARE PATROL																
	15	2027	2032	NO FLARE PATROL																
	15	2241	2242	NO FLARE PATROL																
793 MANI	15	2337	2345	2339	N11	E68	.929	11928	21.1	8	--F	2 C		.31					2	

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM-POR-TANCE	OBS. COND.	OBS. TYPE	MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY					TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H _g	MAX. INT. %	
					LAT.	MER. DIST.													
GRP44800	1972 JUN 16	0523	0535	0531	S06	E70	.941	11930	21.5	12	1N							2 2 2 8	
CULG	16	0417	0532		S00	E69	.934	11930	21.4	75	1F	C	0444	.96	1.34				
CULG	16	0516	0533D	0531	S07	E69	.936	11930	21.4	37D	1N	P	0531	.93				DJZ	
ABST	16	0529	0538	0530	S08	E71	.948	11930	21.6	9	1N	C	0531	.99					
GRP44801	16	0620	0640	0623	S25	E62	.909	11929	20.9	20	--N			.43				4 4 4 9	
ABST	16	0620	0656	0622	S27	E63	.918	11929	21.0	36	-N	C	0622	.90				D	
HTPR	16	0620	0633	0622	S25	E62	.909	11929	20.9	13	-F	C	0622	.31	.70			07	
TEHR	16	0621	0635	0624	S24	E60	.894	11929	20.8	14	-N	3 V		.19				DE	
CAPS	16	0622E	0636D		S24	E64	.920	11929	21.1	14D	-N	4 V	0622	.30				(171)	
GRP44804	16	0713	0743	0717	S25	E61	.902	11929	20.9	30	--F			.40				5 5 5 11	
ABST	16	0711	0812	0718	S26	E64	.923	11929	21.1	61	1N	C	0718	1.18				FKZ	
HTPR	16	0711	0729	0716	S25	E61	.902	11929	20.9	18	-F	C	0716	.21	.50				
ATHN	16	0713	0722	0715	S26	E60	.898	11929	20.8	9	-F	3 C		.17				DE	
TEHR	16	0715	0724	0717	S24	E59	.887	11929	20.7	9	-N	3 V		.19				DE	
ARCE	16	0715E	0755D		S25	E60	.896	11929	20.8	40D	-F	C	0720	.23					
HTPR	16	0737	0744	0738	S25	E61	.902	11929	20.9	7	-F	C	0738	.21	.50				
GRP44806	16	0837	0846	0841	S24	E59	.887	11929	20.8	9	--F			.23				4 4 4 10	
HTPR	16	0835	0846	0840	S24	E60	.894	11929	20.9	11	-F	C	0840	.31	.70				
ATHN	16	0837	0847	0839	S26	E59	.891	11929	20.8	10	-F	3 C		.17				DE	
MONT	16	0838	0840	0839	S23	E59	.885	11929	20.8	2	-F	C	0839	.21					
ARCE	16	0838E	0850D		S25	E58	.882	11929	20.7	12D	-F	C	0841	.06	.10			DE	
ATHN	16	0842E	0849	0844U	S24	E57	.872	11929	20.6	7D	-N	3 V		.33					
GRP44807	16	0850	0909	0852	S17	E11	.360	11926	17.2	19	--N			.62				6 6 5 10	
TELV	16	0820	0913	0852	S17	E13	.378	11926	17.3	53	18								
HTPR	16	0848	0910	0853	S18	E12	.382	11926	17.3	22	-F	C	0853	.41	.40				
ATHN	16	0850	0905	0851	S19	E09	.374	11926	17.0	15	-N	3 V		.50				DE	
MONT	16	0850	0904	0851	S18	E13	.391	11926	17.3	14	-N	C	0851	.72				H	
ARCE	16	0850E	0855D		S07	E14	.278	11926	17.4	5D	-F	C	0850	.15					
ABST	16	0854E	0903D	0854	S18	E14	.400	11926	17.4	9D	-F	P	0854	.90	1.00			D	
ARCE	16	0855E	0915D		S12	E01	.228	11926	16.4	20D	-N	C	0855	.41	.40				
GRP44809	16	0932	0942	0935	S12	E83	.993	11930	22.6	10	-N			.67				4 3 3 11	
ABST	16	0931	0937D	0935	S12	E86	.998	11930	22.8	6D	1N	P	0935	.90				D	
MONT	16	0933	0939	0935	S13	E82	.991	11930	22.5	6	-N	C	0935	.72					
CAPS	16	0934E	0944D		S12	E80	.986	11930	22.4	10D	-N	3 V	0935	.40				(188) C	
ATHN	16	0935E	0942D	0935U	S07	E72	.953	11930	21.8	7D	-N	3 V		.50				DE	
4 STATIONS REPORTING GROUP 44813. 4 STATIONS OBSERVING AND NOT REPORTING.																			
GRP44813	16	1142	1207	1146	S26	E59	.891	11929	20.9	25	--N			.21				3 3 3 8	
HTPR	16	1142	1214	1146	S25	E59	.889	11929	20.9	32	-F	C	1146	.21	.40			(210) DK	
CAPS	16	1145E	1215		S26	E61	.904	11929	21.1	30D	-B	3 V	1150	.20					
MCHA	16	1147E	1153		S27	E58	.886	11929	20.8	6D	-N	C	1147	.21	.50			D	
44813	16	1142	1214	1202	S25	E59	.889	11929	20.9	32	*-F			.29				2 2 2 7	
HTPR	16	1142	1214	1202	S25	E59	.889	11929	20.9	32	-F	C	1202	.31	.60			DK	
ARCE	16	1147E	1202D		S25	E58	.882	11929	20.8	15D	-N	C	1202	.26	.40				
GRP44814	16	1240	1315	1303	S12	W03	.233	11926	16.3	35	--N			.35				3 2 2 8	
CAPS	16	1240E	1315D		S13	W01	.245	11926	16.5	35D	-B	3 V	1304	.40	.40			(220) C	
ARCE	16	1241E	1320D		S02	E02	.065	11926	16.7	39D	-F	C	1255	.12	.12				
BOUL	16	1302E	1314	1303	S11	W04	.221	11926	16.2	12D	-F	3 V	1303	.30	.30				
GRP44819	16	1459	1512	1502	N08	E67	.921	11928	21.6	13	1N			1.62				4 4 4 6	
CATA	16	1455	1505D	1500	N09	E64	.900	11928	21.4	10D	1B	P	1500	1.22	2.78			(221)	
MCHA	16	1459E	1506D		N07	E64	.899	11928	21.4	7D	1N	P	1500	1.03	2.30			E	
ATHN	16	1500	1512	1503	N08	E66	.914	11928	21.6	12	1F	3 V		2.31				F	
CAPS	16	1500E	1511		N06	E72	.951	11928	22.0	11D	1N	3 V	1502	1.90				(182)	
GRP44821	16	1630	1638	1633	S08	E66	.917	11930	21.6	8	-N			.61				2 2 2 5	
CANR	16	1630	1637	1633	S07	E67	.923	11930	21.7	7	-N	1 V	1633	.70	1.40				
MCHA	16	1632E	1639	1633	S08	E64	.902	11930	21.5	7D	-N	C	1633	.52	1.20			EL	
GRP44822	16	1643	1728	1651	N10	E61	.877	11928	21.3	45	-N			.98				4 4 3 4	
BOUL	16	1640	1740	1650	N09	E59	.859	11928	21.1	6D	1N	2 C	1650	.52	2.73				
MCHA	16	1642	1713D		N11	E60	.869	11928	21.2	31D	-N	C	1650	.52	1.00			E	
PALE	16	1644	1718	1651	N11	E62	.886	11928	21.3	34	-N	2 C		.72				F	
CANR	16	1645	1727	1651	N10	E63	.893	11928	21.4	42	1N	2 V	1650	1.70	3.40				
GRP44823	16	1708	1718	1710	S13	W02	.246	11926	16.6	10	--N			.54				3 3 3 4	
BOUL	16	1708	1717	1709	S12	W06	.249	11926	16.3	9	-F	2 C	1709	.43	.43				
PALE	16	1709E	1719	1710	S12	E02	.230	11926	16.9	10D	-N	2 V		.62				F	
BOUL	16	1710	1718	1711	S15	E02	.280	11926	16.9	8	-F	3 V	1711	.30	.30				
MCHA	16	1712E	1713D		S13	W06	.264	11926	16.3	1D	-N	C	1713	.26	.30			D	
GRP44824	16	1718	1721	1719	S16	E11	.347	11926	17.5	3	--F			.28				2 2 2 3	
BOUL	16	1718	1722	1718U	S15	E09	.316	11926	17.4	4	-F	3 V	1718	.30	.30				
PALE	16	1718E	1720	1719	S16	E12	.355	11926	17.6	2D	-F	2 V		.26					
825 CANR	16	1804	1808		S09	E75	.968	11930	22.4	4	--N	1 V	1804	.20	.60			2	

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	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION				CMP DAY	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.		MAX. WIDTH Ha	MAX. INT. %	
826 PALE	1972 JUN 16	1809E	1811	1810	S08	E65	.909	11930	21.6	20	--F	2	V		.21				2
827 PALE	16	1905E	1910	1906	S08	E70	.942	11930	22.0	50	--F	2	V		.15				1
	16	1925	1943		NO FLARE PATROL														
	16	1945	2000		NO FLARE PATROL														
GRP44828 BOUL PALE	16	2008	2022	2013	S10	E73	.959	11930	22.3	14	--F	2	C	2011	.50				2 2 2 2
	16	2008	2022	2011	S11	E73	.959	11930	22.3	14	-F	2	C		.54				F
	16	2014E	2019D	2014U	S09	E72	.953	11930	22.2	50	-N	2	C		.45				
	16	2131	2134		NO FLARE PATROL														
GRP44829 VORO MANI	16	2213	2222	2214	S16	E02	.296	11926	17.1	9	--B				.53				2 2 2 4
	16	2212	2224	2213	S15	E02	.280	11926	17.1	12	-B		C	2213	.74	.80		70	D
	16	2213	2220	2215	S16	E01	.295	11926	17.0	7	-N	2	V		.31				
5 STATIONS REPORTING GROUP 44830. 1 STATIONS OBSERVING AND NOT REPORTING.																			
GRP44830 MANI BOUL VORO PALE PALE	16	2302	2339	2308	S13	W07	.271	11926	16.4	37	-N				.91				4 4 4 5
	16	2258	2335	2307	S13	W08	.279	11926	16.4	37	-N	2	C		1.13				DE
	16	2304	2325D	2310	S13	W08	.279	11926	16.4	210	-N	2	C	2310	.86	.86			
	16	2304	2345D	2305	S14	W08	.294	11926	16.4	410	-B		P	2305	1.02	1.05		89	DJ
	16	2309E	2337	2310U	S13	W05	.258	11926	16.6	280	-N	2	V		.62				F
	16	2309E	2337	2310U	S13	W05	.258	11926	16.6	280	-N	2	V		.62				F
44830 PALE CRON	16	2309	2339	2323	S13	W07	.271	11926	16.4	30	*-N				.84				2 2 2 7
	16	2309E	2337	2323U	S13	W05	.258	11926	16.6	280	-N	2	V		.93				F
	16	2324E	2340		S12	W09	.274	11926	16.3	160	-N	2	V		.75				
GRP44831 MANI CULG CRON MANI PALE	17	0002	0015	0004	S09	E69	.937	11930	22.2	892	-B				.75				4 4 4 6
	16	2355	0015	0004	S09	E70	.942	11930	22.2	20	1B	2	C		1.03				H
	16	2359	0012	0002	S09	E70	.942	11930	22.2	13	1B		C	0002	.83				HRV
	17	0000E	0015	0004	S10	E70	.943	11930	22.3	150	-B	3	V	0004	.50				H
	17	0002E	0009D	0004	S10	E63	.896	11930	21.7	70	-B	2	V		1.03				H
	17	0003E	0010	0004U	S08	E68	.930	11930	22.1	70	-N	2	V		.62				H
GRP44832 MANI CULG CRON PALE	17	0020	0051	0033	S13	W08	.281	11926	16.4	31	-B				1.52				4 4 4 4
	17	0015	0055	0032	S12	W09	.275	11926	16.3	40	1B	2	C		2.06				F
	17	0025	0050	0032	S13	W09	.289	11926	16.3	25	1B		C	0032	2.17	2.10			V
	17	0029E	0048	0030U	S10	W09	.275	11926	16.3	190	-B	3	V	0030	1.00				F
	17	0037E	0040D	0037U	S13	W05	.260	11926	16.7	30	-N	2	V		.83				F
GRP44838 MANI ATHN	17	0433	0455	0437	S08	E58	.853	11930	21.5	22	--F				.33				2 2 2 4
	17	0433	0455	0437	S08	E58	.853	11930	21.5	22	-F	2		0437	.31	.54			
	17	0436E	0438D	0436	S07	E57	.843	11930	21.5	20	-N	1		0436	.34	.45			
GRP44842 BUCA HTPR ATHN ABST	17	0631	0645	0633	S14	W49	.776	11922	13.6	14	--F				1.06				4 4 4 7
	17	0630E	0646D		S13	W47	.752	11922	13.7	160	-F		C	0632	.88	1.30			
	17	0630	0639	0632	S13	W50	.784	11922	13.5	9	-F		C	0632	.52	.80			
	17	0631	0644	0633	S15	W48	.768	11922	13.7	13	-N	1		0633	.85	1.01			
	17	0631	0652D	0634	S14	W49	.776	11922	13.6	210	1F		P	0634	1.98	3.20			EZ
GRP44844 CANR ATHN HTPR CAPS ABST ARCE	17	0728	0742	0730	S12	W12	.306	11926	16.4	14	--N				.58				6 5 5 10
	17	0725	0737		S11	W13	.306	11926	16.3	12	-N	2	V	0729	.60	.60			
	17	0728E	0734	0728	S13	W12	.318	11926	16.4	60	-N	1		0728	.52	.50			
	17	0729	0734	0730	S12	W12	.306	11926	16.4	5	-N		C	0730	.31	.30			
	17	0729E	0810D		S10	W11	.270	11926	16.5	410	-B	3	V	0733	.30	.30		(205)	C
	17	0730	0736	0731	S12	W13	.317	11926	16.3	6	-F		C	0731	1.18	1.20			EJVZ
	17	0758E	0758D		S13	W14	.340	11926	16.3		-F		P	0758	.15	.20			
9 STATIONS REPORTING GROUP 44845. 2 STATIONS OBSERVING AND NOT REPORTING.																			
GRP44845 CANR BUCA ABST HTPR CAPS ABST CRON CATA ATHN	17	0758	0833	0802	N11	E53	.804	11928	21.3	35	-N				.78				8 8 8 10
	17	0754	0818		N10	E52	.792	11928	21.2	24	-N	2	V	0800	.60	.60			
	17	0755E	0824D		N13	E59	.862	11928	21.8	290	-N		P	0803	.55	1.10			
	17	0757	0914	0802	N10	E51	.782	11928	21.2	77	1F		C	0802	2.70	4.50			EJ
	17	0759	0856	0800	N11	E52	.794	11928	21.2	57	-N		C	0800	.72	1.20			E
	17	0759E	0842		N12	E53	.805	11928	21.3	430	-B	3	V	0802	.25	.40		(215)	
	17	0800	0914	0803	N13	E54	.816	11928	21.4	74	-N		C	0803	.90	1.60			DJ
	17	0800E	0824	0803	N10	E53	.803	11928	21.3	240	-N	3	V	0803	.60				
	17	0800	0810D	0805	N12	E53	.805	11928	21.3	100	-B		P	0805	.29	.49		(219)	
	17	0802E	0832	0802	N12	E52	.795	11928	21.2	300	-N	1		0802	.52	.64			
44845 ARCE MONT	17	0758	0839	0825	N14	E54	.818	11928	21.4	41	*-N				.51				2 2 2 12
	17	0758E	0830D		N13	E54	.816	11928	21.4	320	-N		C	0820	.29	.50			
	17	0825E	0839	0825	N14	E53	.808	11928	21.3	140	-N		C	0825	.72				

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hg	MAX. INT. %	
					LAT.	MER. DIST.												
1972 JUN																		
GRP44850	17	0950	1025	0951	S10	E62	.889	11930	22.1	35	-N			.55			6 5 5 8	
HTPR	17	0949	1025	0951	S10	E63	.896	11930	22.1	36	-N	C	0951	.21	.40		D	
ATHN	17	0949E	1004	0950	S11	E64	.905	11930	22.2	15D	-N	1	0950	.52	.78			
CATA	17	0950	0955D	0950	S11	E58	.857	11930	21.8	50	-B	P	0950	.52	2.01	(224)	DJ	
ABST	17	0950	1016	0952	S09	E61	.880	11930	22.0	26	-N	C	0952	.99	2.00			
CAPS	17	0951E	1020D		S10	E62	.889	11930	22.1	29D	-N	2	V	0953	.50	1.10	(185)	
UPIG	17	1003	1003		S11	E60	.874	11930	21.9		-N	P						
GRP44851	17	1014	1130	1034	S06	W35	.583	11922	14.8	76	--F			.21			3 1 1 6	
HTPR	17	1014	1130	1041	S06	W35	.583	11922	14.8	76	-F	C	1041	.21	.30		EGHLSU	
ABST	17	1018	1109D	1026	S07	W36	.600	11922	14.7	51D	1F	P	1026	2.25	2.80	(166)	FKZ	
CAPS	17	1025E	1119D		S09	W22	.410	11922	15.8	54D	-N	2	V	1032	.30	.30		CHL
GRP44852	17	1146	1156	1152	S07	E55	.824	11930	21.6	10	--N			.47			3 3 3 9	
CANR	17	1145	1200		S09	E56	.836	11930	21.7	15	-N	2	V	1151	.60	1.00		
HTPR	17	1146	1155	1152	S06	E56	.833	11930	21.7	9	-F	C	1152	.41	.70		E	
MCMA	17	1148E	1154	1152	S07	E54	.814	11930	21.5	6D	-N	C	1152	.41	.80		EH	
GRP44853	17	1414	1501	1424	S12	E63	.898	11930	22.3	47	--F			.47			3 2 2 9	
HTPR	17	1412	1500	1432	S12	E63	.898	11930	22.3	48	-F	C	1432	.41	1.00			
ATHN	17	1412E	1435D	1415	S11	E63	.897	11930	22.3	23D	-F	1	1415	.34	.51			
HUAN	17	1415	1502		S11	E63	.897	11930	22.3	47	-N	1	C	1436	.52			EK
4 STATIONS REPORTING GROUP 44859. 1 STATIONS OBSERVING AND NOT REPORTING.																		
GRP44859	17	1714	1747	1725	S13	E59	.868	11930	22.1	33	--N			.36			2 2 2 5	
CANR	17	1714	1735	1725	S11	E60	.874	11930	22.2	21	-N	3	V	1725	.40	.70		
MCMA	17	1730E	1759D		S14	E58	.861	11930	22.1	29D	-N	C	1730	.31	.60		E	
44859	17	1710	1827	1749	S09	E59	.863	11930	22.1	77	*-F			.41			2 1 1 4	
HTPR	17	1710	1827D	1749	S09	E59	.863	11930	22.1	77D	-F	C	1749	.41	.80			
HUAN	17	1711	1833U		S09	E57	.845	11930	22.0	82D	-N	1	C	1805	.72	1.37		EK
GRP44865	18	0535	0550	0539	N10	E38	.626	11928	21.1	15	-F			1.15			3 3 3 6	
HANI	18	0534	0553	0538	N10	E38	.626	11928	21.1	19	-N	2	C	1.03			F	
TEHR	18	0535	0543	0538	N10	E38	.626	11928	21.1	8	-F	3	V	.45			F	
ABST	18	0535E	0553D	0540	N09	E38	.624	11928	21.1	18D	1F	P	0540	1.98	2.50		EZ	
ABST	18	0535E	0553D	0540	N12	E39	.644	11928	21.2	18D	-F	P	0540	1.08	1.40		F	
GRP44869	18	1040	1104	1045	N09	E36	.597	11928	21.1	24	--N			.38			4 4 3 9	
TELV	18	1036	1122	1045	N10	E38	.626	11928	21.3	46	1N							
HTPR	18	1041	1058	1043	N09	E36	.597	11928	21.1	17	-F	C	1043	.41	.50		U	
HTPR	18	1041	1058	1043	N09	E36	.597	11928	21.1	17	-F	C	1043	.41	.50		U	
ATHN	18	1044	1058	1046	N09	E35	.583	11928	21.1	14	-N	1	1046	.34	.35			
CAPS	18	1050E	1058D		N09	E35	.583	11928	21.1	8D	-N	3	V	1052	.40	.50	(170)	
GRP44870	18	1104	1129	1105	S13	W28	.519	11926	16.4	25	--N			.60			4 3 3 9	
ATHN	18	1102E	1123	1105	S14	W28	.526	11926	16.4	21D	-N	1	1105	.52	.50			
HTPR	18	1104	1135	1106	S13	W28	.519	11926	16.4	31	-N	C	1106	.52	.60		EK	
CATA	18	1105	1110D	1105	S13	W29	.532	11926	16.3	5D	-N	P	1105	.75	.89	(199)	DE	
RAMY	18	1122E	1137D	1123U	S14	W28	.526	11926	16.4	15D	-N	1	C	.65				
GRP44871	18	1214	1238	1218	S13	W28	.519	11926	16.4	24	-N			1.48			12 12 11 12	
KIEV	18	1100	1235	1215	S13	W30	.545	11926	16.2	95	1N	C	1215	1.75	2.10	60	DI	
CAPS	18	1156	1250D		S11	W23	.438	11926	16.8	54D	-B	3	P	.80	.90	(205)		
HTPR	18	1209	1235	1215	S13	W30	.545	11926	16.3	26	-B	C	1215	.83	1.00		EV	
RAMY	18	1213	1236	1215	S14	W28	.526	11926	16.4	23	-N	3	C	1.11			F	
TEHR	18	1214E	1228	1215U	S15	W24	.482	11926	16.7	14D	-N	3	V	.45			F	
CAPF	18	1215E	1225D	1215	S12	W26	.486	11926	16.6	10D	1N	P	1215	2.85	3.30			
WEND	18	1215E	1233D		S14	W29	.538	11926	16.3	18D	1N	P		5.16				
CANR	18	1216	1228		S13	W28	.519	11926	16.4	12	-B	2	V	1216	1.20	1.40		
ATHN	18	1217E	1238	1217	S14	W28	.526	11926	16.4	21D	-N	1	1217	1.02	1.01			
HUAN	18	1221E	1234		S13	W30	.545	11926	16.3	13D	-N	1	P	1222	.46	.56		
BOUL	18	1223	1257	1223U	S13	W30	.545	11926	16.3	34	-N	2	V					
CATA	18	1225E	1240	1225	S13	W29	.532	11926	16.3	15D	-N	P	1225	.69	.83	(190)		
GRP44872	18	1220	1244	1225	S11	E55	.830	11930	22.6	24	--F			.49			4 3 3 10	
HTPR	18	1217	1244	1225	S10	E55	.828	11930	22.6	27	-F	C	1225	.41	.70		E	
HUAN	18	1222	1245	1225	S11	E55	.830	11930	22.6	23	-F	1	C	1225	.31	.55		
RAMY	18	1224E	1243	1224U	S11	E55	.830	11930	22.6	19D	-F	3	V	.74			F	
CAPS	18	1232E	1255D		S11	E52	.800	11930	22.4	23D	-N	3	V	1243	.50	.80	(172)	
GRP44874	18	1432	1454	1436	S08	W51	.785	11922	14.8	22	--F			.78			3 3 2 8	
HUAN	18	1431	1450	1437U	S08	W51	.785	11922	14.8	19	-F	1	C					
HTPR	18	1432	1510	1436	S08	W52	.795	11922	14.7	38	-F	C	1435	1.24	1.90		GIU	
MCMA	18	1433	1442	1436	S08	W51	.785	11922	14.8	9	-N	C	1436	.31	.50		E	

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	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION				CMP DAY	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.		MAX. WIDTH H α
1972 JUN																	
3 STATIONS REPORTING GROUP 44877. 0 STATIONS OBSERVING AND NOT REPORTING.																	
GRP44877	18	1816	1836	1823	S13	W32	.571	11926	16.4	20	-N					3 3 3 3	
BOUL	18	1810	1850	1824	S13	W35	.610	11926	16.1	40	1N 3	V	1824	1.25	2.40		
MCMA	18	1819	1831	1822	S13	W30	.545	11926	16.5	12	-N	C	1822	.52	.60	E	
PALE	18	1819	1828	1822	S12	W30	.540	11926	16.5	9	-N 3	V		.83		F	
44877	18	1808	1835	1812	S13	W33	.584	11926	16.3	27	*-N			.66		3 3 2 4	
PALE	18	1804	1809	1806	S12	W31	.553	11926	16.4	5	-N	3	C		.36		
MCMA	18	1806	1818D	1813	S13	W32	.571	11926	16.4	120	-F	C	1813	.77	.80	E	
MCMA	18	1806	1818D	1806	S13	W32	.571	11926	16.4	120	-F	C	1806	.41	.50	E	
PALE	18	1809	1819	1810	S14	W33	.589	11926	16.3	10	-F	3	V		.31		
BOUL	18	1810	1850	1811	S13	W35	.610	11926	16.1	40	1N 3	V					
PALE	18	1811	1816	1813	S12	W34	.592	11926	16.2	5	-N	3	C		.55		F
GRP44882	19	0348	0405	0353	N10	E26	.457	11928	21.1	17	--N			.38		3 3 3 9	
MANI	19	0344	0403	0352	N11	E26	.462	11928	21.1	19	-N	2		.41	.47		
PALE	19	0349E	0407D	0352	N09	E26	.453	11928	21.1	180	-N	2	V	.41		F	
ATHN	19	0351	0406	0355	N11	E25	.448	11928	21.0	15	-N	2	C	.33		DE	
GRP44886	19	0812	0828	0814	S04	W03	.109	11927	19.1	16	--N			.60		7 7 7 10	
ZURI	19	0811	0820	0815	S04	W05	.129	11927	19.0	9	-N	C	0815	1.11	1.10		
ATHN	19	0811	0826	0814	S05	W04	.132	11927	19.0	15	-N	1		.52	.50		
ABST	19	0811	0842D	0812	S04	W04	.118	11927	19.0	31D	-N	P	0812	.90	1.00	FJVHZ	
TEHR	19	0812	0820	0814	S05	W01	.114	11927	19.3	8	-N	3	V	.46		F	
MONT	19	0814	0817	0814	S05	W02	.118	11927	19.2	3	-F	C	0814	.10			
MANI	19	0815E	0825	0815U	S04	W04	.118	11927	19.0	100	-N	2	V	.62			
CAPS	19	0815E	0845D		S04	E00	.095	11927	19.3	300	-N	2	V	0818	.50	.50	(176)
GRP44889	19	0939	1013	0953	S16	W77	.978	11922	13.6	34	1N			1.08		8 7 6 13	
ARCE	19	0932E	1000D		S19	W79	.985	11922	13.5	280	-N	C	0945	.54			
ATHN	19	0936E	1007	0938	S14	W77	.977	11922	13.6	310	-F	1	C	0938	.85	1.73	
HTPR	19	0942	0950D	0947	S17	W80	.987	11922	13.4	80	-F	C	0947	.41			
UPIC	19	0942	1012		S15	W74	.966	11922	13.9	30	1N	P					
CATA	19	0945	1005D	0955	S15	W75	.970	11922	13.8	200	1N	P	0955	1.16		(178)	
ABST	19	0946E	1016D	0949	S19	W80	.988	11922	13.4	300	2F	P	0949	2.52		E	
CAPS	19	0948E	1018D		S15	W75	.970	11922	13.8	300	-N	2	V	0950	.97		(164)
MONT	19	0958	1009D	1002	S17	W81	.990	11922	13.3	110	1N	C	1002	2.27			
GRP44890	19	1017	1039	1023	S05	W03	.124	11927	19.2	22	--F			.75		3 3 3 13	
CAPS	19	1014E	1045D		S05	E00	.113	11927	19.4	310	-N	3	V	1014	.30	.30	
ATHN	19	1020	1032	1022	S05	W04	.132	11927	19.1	12	-F	1		.34	.33		
ABST	19	1021E	1030D	1024	S05	W04	.132	11927	19.1	90	-F	P	1024	1.62	1.60	EZ	
GRP44891	19	1035	1058	1041	N04	E26	.440	11928	21.4	23	-N			1.16		9 9 8 12	
CAPS	19	1026E	1100D		N04	E29	.486	11928	21.6	340	-N	3	V	1040	.60	.70	(189)
HTPR	19	1030	1041D		N05	E28	.472	11928	21.5	110	-N	C	1036	.41	.50	EU	
KHAR	19	1032	1058		N04	E26	.440	11928	21.4	26	1N	P	1037	2.84	3.10	1.80	
TEHR	19	1033	1105	1040	N05	E28	.472	11928	21.5	32	-N	4	V	1.37		D	
ATHN	19	1035E	1100	1038	N04	E20	.344	11928	20.9	250	-F	1		.68	.66	F	
UPIC	19	1035	1100D	1040	N05	E28	.472	11928	21.5	250	-N	P					
ABST	19	1036	1107	1045	N04	E27	.455	11928	21.5	31	-F	C	1045	.90	1.00	DJ	
ABST	19	1037	1051	1039	N07	E28	.476	11928	21.5	14	-F	C	1039	1.18	1.30	DJ	
MONT	19	1040	1053	1042	N05	E28	.472	11928	21.5	13	-N	C	1042	1.13			
LOCA	19	1045	1058	1048	N02	E22	.375	11928	21.1	13	-N	V	1048	1.05	1.20		
GRP44892	19	1107	1118	1109	S10	W40	.662	11926	16.5	11	--N			.37		3 3 3 9	
TEHR	19	1107	1116	1109	S12	W43	.704	11926	16.2	9	-N	4	V	.37		F	
ATHN	19	1108E	1120	1109	S10	W40	.662	11926	16.5	120	-F	1		.34	.37		
CAPS	19	1108E	1119D		S09	W38	.633	11926	16.6	110	-N	3	V	1109	.40	.60	(171)
GRP44895	19	1219	1230	1221	S08	E30	.521	11930	21.8	11	--N			.30		4 3 3 8	
ARCE	19	1219E	1237D		S09	E31	.539	11930	21.8	180	-N	C	1219	.38	.50		
ATHN	19	1220E	1228D	1221	S08	E29	.506	11930	21.7	80	-F	1		.34	.33		
TEHR	19	1220E	1225	1221U	S08	E30	.521	11930	21.8	50	-N	4	V	.19		DE	
CAPS	19	1232	1245		S09	E33	.567	11930	22.0	13	-N	2	V	1232	.50	.70	(166)
GRP44897	19	1258	1309	1300	S05	W05	.142	11927	19.2	11	--B			.35		3 3 1 9	
UPIC	19	1257E	1312	1300	S05	W03	.124	11927	19.3	150	-B						
ARCE	19	1259	1306	1300	S04	W06	.141	11927	19.1	7	-B	C	1300	.35	4.40	E	
BOUL	19	1259	1309	1300	S06	W05	.156	11927	19.2	10	-N	3	V				
GRP44899	19	1820	1841	1822	S13	W51	.795	11926	15.9	21	-F			.62		2 2 2 5	
PALE	19	1820E	1841	1822U	S13	W50	.784	11926	16.0	210	-N	4	V	.72		F	
MCMA	19	1826E	1835D		S12	W52	.802	11926	15.9	90	-F	P	1827	.52	.80	E	
GRP44900	19	1936	1954	1942	N09	E18	.333	11928	21.2	18	--F			.20		2 2 2 4	
PALE	19	1936	1954	1942U	N09	E18	.333	11928	21.2	18	-N	3	C	.19			
MCMA	19	1943E	1949D		N08	E18	.327	11928	21.2	60	-F	P	1946	.21	.20	D	

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH FLAGE REGION	CMP DAY				MIN.	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hd	
	1972 JUN																	
	19	2110	2118															
	19	2134	2150															
	19	2159	2222															
	19	2233	2239															
GRP44901	20	0319	0340	0324	S06	E23	.410	11930	21.9	21	-N							3 3 3 4
TACH	20	0319	0338	0326	S05	E24	.420	11930	21.9	19	1F	C	0326	1.15				E
PALE	20	0319	0345	0323	S06	E24	.425	11930	21.9	26	-N	2	C	.99	2.19	2.43	1.90	54
TEHR	20	0320E	0336	0322U	S06	E21	.379	11930	21.7	160	-N	3	V	.28				F
																		DE
GRP44905	20	1524	1540	1527	S11	W60	.874	11926	16.1	16	-N			.58				3 3 2 6
ZURI	20	1524	1533	1527	S09	W60	.872	11926	16.1	9	-N	C	1527	.85	1.90			
MCMA	20	1526E	1538D		S10	W64	.904	11926	15.8	120	-F	P	1528	.31	.70			D
CAPS	20	1532E	1548D		S13	W57	.852	11926	16.4	160	-N	2	S					
GRP44906	20	1528	1546	1533	N07	E81	.987	11933	26.7	18	-N			.38				4 4 2 7
RAMY	20	1525	1544	1531	N08	E80	.984	11933	26.6	19	-N	3	C	.26				DE
BOUL	20	1530	1547	1534	N02	E80	.985	11933	26.6	17	-N	2	V	.50	1.80			
CAPS	20	1532E	1546D		N10	E80	.984	11933	26.6	140	-N	2	S					
MCMA	20	1533E	1538D		N08	E83	.992	11933	26.9	50	-N	P	1533					D
909 BOUL	20	1916	1923	1918	N04	E85	.996	11933	27.2	7	-B	1	V	1918	.30	1.00		
	20	1920	1951															
	20	2020	2047															
	20	2100	2107															
	20	2302	2325															
910 PALE	20	2309E	2310D	2309U	N05	W03	.079	11928	20.7	10	--F	2	V		.41			
	20	2337	2351															
911 PALE	21	0132	0141	0134	S12	W65	.913	11926	16.2	9	--F	1	C		.27			
GRP44913	21	0642	0830	0706	S14	W68	.934	11926	16.2	108	-N			.47				5 5 5 7
CAPS	21	0642E	0829D		S16	W70	.947	11926	16.0	1070	-B	4	P	0700	.39			(275)
HTPR	21	0651E	0716D	0704	S13	W68	.934	11926	16.2	250	-F	C	0704	.21				D
ABST	21	0659E	0706D	0702	S13	W69	.940	11926	16.1	70	-F	P	0702	.90				D
ZURI	21	0705E	0830	0708	S13	W70	.945	11926	16.0	850	-N	P	0708	.55				F
TEHR	21	0707E	0725	0710	S15	W65	.916	11926	16.4	180	-N	4	V	.28				
GRP44914	21	0705	0715	0707	S12	E23	.448	11930	23.0	10	--N			.37				6 6 6 8
ABST	21	0704E	0706D	0706	S14	E23	.465	11930	23.0	20	-F	P	0706	1.08	1.20			E
HTPR	21	0705	0713	0708	S12	E22	.435	11930	22.9	8	-F	C	0708	.21	.20			E
MONT	21	0706	0711	0707	S12	E22	.435	11930	22.9	5	-N	C	0707	.21				
TEHR	21	0706	0714	0707	S12	E22	.435	11930	22.9	8	-N	4	V	.19				DE
CAPS	21	0706E	0803D		S12	E24	.462	11930	23.1	570	-N	3	V	0709	.20	.20		(180)
ATHN	21	0708E	0721	0708U	S12	E22	.435	11930	22.9	130	-N	2	C	.33				DE
GRP44915	21	0756	0819	0800	S13	W67	.927	11926	16.3	23	--N			.32				6 6 5 7
ZURI	21	0705E	0830	0758	S13	W70	.945	11926	16.0	850	-N			0758				
ATHN	21	0754	0818	0756	S12	W68	.933	11926	16.2	24	-N	2	C	.33				DE
MONT	21	0755	0814	0802	S10	W64	.905	11926	16.5	19	-N	C	0802	.52				H
CATA	21	0755	0815	0800	S12	W66	.920	11926	16.4	20	-B	C	0800	.29				(240)
ARCE	21	0758E	0820		S13	W67	.927	11926	16.3	220	-B	C	0800	.26				
TEHR	21	0802	0814	0804	S15	W65	.916	11926	16.5	12	-N	4	V	.19				DE
GRP44917	21	1026	1047	1032	N04	E80	.985	11933	27.4	21	1N			1.82				6 6 5 10
ATHN	21	1026	1048D	1029	N03	E82	.990	11933	27.6	220	-N	3	C	.50				F
MONT	21	1026	1045	1033	N04	E80	.985	11933	27.4	19	1N	C	1033	3.40				
TEHR	21	1026	1049	1035	N04	E79	.981	11933	27.4	23	-B	3	V	.36				F
TEHR	21	1026	1049	1029	N04	E79	.981	11933	27.4	23	-N	3	V	.36				F
KHAR	21	1027	1048	1030	N03	E83	.992	11933	27.7	21	2N	C	1036	4.54	2.80			DE
RAMY	21	1027E	1036	1031	N04	E78	.978	11933	27.3	90	-N	3	C	.31				DE
CAPS	21	1033E	1054D		N03	E78	.978	11933	27.3	210	2N	2	P					
GRP44922	21	1428	1502	1437	S13	W71	.951	11926	16.3	34	-N			.66				4 4 2 10
UPIC	21	1419E	1510D		S13	W73	.961	11926	16.1	510	1N	P						
ZURI	21	1428	1450	1440	S13	W70	.945	11926	16.4	22	-N	C	1440	.67				
BOUL	21	1430	1515	1434	S12	W73	.960	11926	16.1	45	-N	2	V					
CAPS	21	1436	1453D		S15	W69	.941	11926	16.4	170	-B	1	P	1437	.65			(201)

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OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IM-POR-TANCE	OBS. COND.	TYPE	MEASUREMENTS					REMARKS	
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMATH PLAGE REGION					CMP DAY	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha		MAX. INT. %
					LAT.	MER. DIST.													
1972 JUN																			
GRP44923	21	1711	1805	1718	S10	W72	.954	11926	16.3	54	-N						6 6 5 6		
RAMY	21	1703	1732	1706	S10	W73	.959	11926	16.2	29	-F	3	C				DE		
ZURI	21	1704	1800	1714	S13	W70	.945	11926	16.5	56	-N		C	1714					
BOUL	21	1710	1725	1710U	S10	W74	.964	11926	16.2	15	-B	2	V						
WEND	21	1711E	1805D		S10	W69	.938	11926	16.5	54D	1N		V		4.13				
PALE	21	1719E	1734D		S08	W73	.958	11926	16.2	15D	-N	2	C			.27			
CANR	21	1719	1738		S09	W74	.964	11926	16.2	19	-N	3	V	1719	.50	1.30			
21 2108 2123 NO FLARE PATROL																			
GRP44926	22	0024	0039	0027	N09	E58	.849	11933	26.4	15	-F				.54		2 2 2 4		
MANI	22	0024	0038	0026	N09	E57	.840	11933	26.3	14	-N	1	C		.62				
PALE	22	0027E	0040D	0027U	N09	E59	.858	11933	26.4	13D	-F	2	C		.45		F		
GRP44928	22	0503	0519	0508	N07	E61	.875	11933	26.8	16	--F				.35		2 2 2 6		
ATHN	22	0503	0518	0506	N08	E62	.883	11933	26.9	15	-F	2	C		.33		DE		
TEHR	22	0510E	0519	0510U	N06	E59	.857	11933	26.6	9D	-N	4	V		.37		F		
GRP44936	22	1303	1326	1307	N09	E52	.798	11933	26.4	23	-N				1.58		6 6 6 12		
RAMY	22	1302	1335	1306	N10	E49	.759	11933	26.2	33	-N	4	C		.83		DE		
CANR	22	1303	1318	1307	N09	E50	.769	11933	26.3	15	-F	2	C	1307	.97	1.52			
CAPS	22	1303E	1336D		N11	E52	.792	11933	26.4	33D	-B	2	P	1309	.90	1.60	(245)		
CAPF	22	1304	1320D	1310	N08	E58	.849	11933	26.9	16D	1N		P	1310	1.47	2.70			
CATA	22	1305	1325	1305	N08	E51	.779	11933	26.4	2D	-B		C	1305	1.16	1.84	(229)		
WEND	22	1309E	1323D		N08	E52	.789	11933	26.4	14D	1N		P		4.13				
938 HUAN	22	2147	2205	2150	S11	E09	.270	11930	23.6	18	--N	1	C	2150	.31	.32	D 2		
22 2237 0000 NO FLARE PATROL																			
2 STATIONS REPORTING GROUP 44940. 1 STATIONS OBSERVING AND NOT REPORTING.																			
GRP44940	23	0426	0449	0433	S08	W18	.351	11930	21.8	23	-N				1.06		2 2 2 3		
TACH	23	0425	0453	0435	S07	W17	.328	11930	21.9	28	-N		C	0435	1.45	1.60	1.97 63 E		
ATHN	23	0427	0445	0430	S08	W18	.351	11930	21.8	18	-N	3	V		.66		DE		
940 ATHN	23	0424	0450	0428	S08	W27	.480	11930	21.2	26	*-N	2	C		.66		F 4		
GRP44947	23	1724	1758	1728	N08	E39	.633	11933	26.7	34	1N				1.71		6 5 5 6		
BOUL	23	1708	1719	1711	N06	E38	.617	11933	26.6	11	-N	3	V						
PALE	23	1719	1814	1729	N09	E39	.635	11933	26.6	55	1B	3	C		2.07		F		
CANR	23	1723	1745	1728	N10	E39	.637	11933	26.6	22	1N	2	C	1728	1.61	2.09			
BOUL	23	1723	1758D	1727	N07	E40	.645	11933	26.7	35D	1N	2	C	1727	1.61	2.10			
RAMY	23	1724	1805	1728	N09	E38	.622	11933	26.6	41	1B	4	C		2.13		F		
HTPR	23	1725	1742D	1727	N07	E40	.645	11933	26.7	16D	-N		C	1727	1.13	1.40			
PALE	23	1727E	1754	1731	N09	E42	.674	11933	26.9	27D	1B	3	V		1.65		F		
HUAN	23	1750E	1810D		N09	E39	.635	11933	26.7	20D	-N	1	P	1751	.67	.87	E		
GRP44948	23	1822	1847	1826	S08	W25	.452	11930	21.9	25	--F				.28		2 2 2 3		
RAMY	23	1822	1844	1824	S08	W24	.437	11930	22.0	22	-F	3	C		.28		DE		
PALE	23	1822	1850	1827	S08	W25	.452	11930	21.9	28	-N	3	C		.27				
GRP44949	23	2211	2247	2222	S11	W26	.484	11930	22.0	36	-B				2.02		2 2 2 2		
PALE	23	2205E	2255	2222U	S09	W26	.471	11930	22.0	50D	-B	3	C		1.63		U H		
VORO	23	2216	2239	2222	S12	W25	.477	11930	22.1	23	1B		C	2222	2.40	2.73	91 E J		
GRP44950	23	2245	2318	2256	N08	E34	.565	11933	26.5	33	-F				1.88		2 2 2 3		
CULG	23	2245E	2318	2257	N07	E35	.577	11933	26.6	33D	1F		P	2257	2.99	3.48			
PALE	23	2248E	2300D	2254U	N09	E32	.539	11933	26.3	12D	-N	2	V		.77		F		
GRP44952	24	0042	0119	0048	S06	W34	.572	11930	21.5	37	--N				.65		3 3 3 6		
MANI	24	0042	0125	0047	S06	W35	.586	11930	21.4	43	-N	3	C		.72		F		
BOUL	24	0047E	0112	0047U	S05	W34	.569	11930	21.5	25D	-N	3	V	0047	.60	.70			
PALE	24	0049E	0051D	0050U	S07	W33	.561	11930	21.6	2D	-N	2	V		.62		F		
GRP44956	24	0558	0619	0600	S06	W38	.626	11930	21.4	21	--N				.89		6 6 6 8		
MANI	24	0556E	0602D	0556U	S07	W38	.629	11930	21.4	6D	-F	1	V		.52		F		
TACH	24	0556E	0607D		S07	W38	.629	11930	21.4	11D	1F		C	0601	2.19	2.78	1.04 48 E		
TEHR	24	0559E	0611	0600U	S06	W37	.613	11930	21.5	12D	-N	4	V		.46		F		
ATHN	24	0559E	0618	0559U	S07	W38	.629	11930	21.4	19D	-F	2	C		.66		DE		
CATA	24	0600	0620	0600	S06	W37	.613	11930	21.5	2D	-B		C	0600	.93	1.16	(234)		
CAPS	24	0600E	0628D		S05	W37	.611	11930	21.5	28D	-B	1	S	0600	.60	.70	(277)		
7 STATIONS REPORTING GROUP 44958. 1 STATIONS OBSERVING AND NOT REPORTING.																			
GRP44958	24	0702	0754	0704	N10	E30	.513	11933	26.5	52	1B				2.04		5 5 5 6		
ATHN	24	0700	0743	0703U	N09	E30	.510	11933	26.5	43	-B	3	C		1.65		Z F		
CRON	24	0700	0725D	0702	N12	E29	.506	11933	26.5	25D	-N	1	C	0702	.97	1.13			
CAPS	24	0703E	0758D	0707	N08	E31	.521	11933	26.6	55D	1B	3	P	0707	2.50	2.90	(600) C		
BUCA	24	0704E	0800D		N09	E31	.524	11933	26.6	56D	1B		P	0711	2.76	3.30			
CATA	24	0705	0755	0705	N10	E30	.513	11933	26.5	50	1B		C	0705	2.32	2.68	(389)		

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS	
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha		MAX. INT. %
					LAT.	MER. DIST.												
	1972 JUN																	
44958	24	0714	0745	0720	N10	E31	.527	11933	26.6	31	*28						2 2 1 8	
UPIC	24	0714E	0715D		N09	E29	.495	11933	26.5	10	3B	P						
CAPF	24	0715E	0745D	0720	N10	E32	.541	11933	26.7	30D	-B	P	0720	1.47	1.80			
GRP44960	24	0950	0959	0954	N10	E30	.513	11933	26.7	9	--B			.17			3 3 2 5	
ARCE	24	0950	0957	0952	N11	E30	.516	11933	26.7	7	-B	C	0952	.15	.20		C	
CAPS	24	0953E	1000D		N09	E30	.510	11933	26.7	7D	-B						DE	
TEHR	24	0954E	1000	0955U	N11	E30	.516	11933	26.7	6D	-N	4	V	.19				
7 STATIONS REPORTING GROUP 44962. 0 STATIONS OBSERVING AND NOT REPORTING.																		
GRP44962	24	1140	1216	1144	S06	W41	.666	11930	21.4	36	-N			.94			5 5 5 7	
ATHN	24	1139	1206	1142	S06	W42	.678	11930	21.3	27	-N	3	C	.66			F	
KIEV	24	1140	1220	1145	S06	W41	.666	11930	21.4	40	-F		C	1145	1.34	1.70	50	
CANR	24	1140	1214		S06	W41	.666	11930	21.4	30	-N	3	V	1150	.80	1.10		
RAMY	24	1141E	1214	1144U	S07	W41	.668	11930	21.4	33D	-N	4	C	1.02			F	
CAPS	24	1141E	1232D		S05	W38	.624	11930	21.6	51D	-B	2	V	1144	.90	1.20	(215)	
44962	24	1140	1224	1157	S06	W41	.666	11930	21.4	44	*-N			.46			2 2 1 7	
TEHR	24	1140	1219	1157	S05	W40	.651	11930	21.5	39	-N	4	V	.46			F	
UPIC	24	1146E	1228		S07	W41	.668	11930	21.4	42D	1N		P					
GRP44963	24	1354	1410	1359	S13	W18	.397	11930	23.2	16	--F			.30			4 4 4 6	
RAMY	24	1352	1412	1355	S12	W18	.387	11930	23.2	20	-F	3	C	.28			DE	
ATHN	24	1355E	1410	1358	S13	W18	.397	11930	23.2	15D	-F	3	V	.33			DE	
CANR	24	1355	1410	1400	S12	W19	.399	11930	23.2	15	-N	2	V	1400	.40	.40		
TEHR	24	1400E	1407	1403U	S13	W15	.361	11930	23.5	7D	-F	4	V	.19			DE	
GRP44967	24	1912	1949	1919	N09	E23	.405	11933	26.5	37	-B			1.72			2 2 2 2	
BOUL	24	1910	1945	1921	N08	E25	.432	11933	26.7	35	1B	2	V	1921	2.00	2.20		
RAMY	24	1913	1952	1917	N10	E21	.380	11933	26.4	39	-B	2	V	1.44			F	
968 BOUL	24	2033	2040	2035	S06	W44	.703	11930	21.6	7	--F	2	V	2035	.40	.50		
GRP44969	24	2221	2236	2225	N07	E24	.413	11933	26.7	15	--N			.63			2 2 2 2	
VORO	24	2221	2236	2223	N07	E23	.398	11933	26.7	15	-B		C	2223	.65	.70	66	
BOUL	24	2226E	2235	2226U	N07	E25	.429	11933	26.8	9D	-F	1	V	2226	.60	.70		
970 VORO	24	2256	2317	2258	N11	E20	.371	11933	26.5	21	--B		C	2258	.84	.90	72	
GRP44972	25	0005	0035	0016	N09	E22	.389	11933	26.7	30	1N			3.80			4 4 4 5	
CULG	25	0000	0050	0017	N08	E24	.416	11933	26.8	50	1N		C	0017	2.68	2.86		
SIBE	25	0000E	0034	0020	N09	E20	.359	11933	26.5	34D	2F		P	0020	7.68	8.30	55	
VORO	25	0009	0029	0012	N10	E22	.394	11933	26.7	20	-B		C	0012	1.85	1.93	82	
BOUL	25	0010	0025	0013	N08	E23	.401	11933	26.7	15	1N	1	V	0013	3.00	3.10		
7 STATIONS REPORTING GROUP 44974. 0 STATIONS OBSERVING AND NOT REPORTING.																		
GRP44974	25	0439	0543	0457	N09	E20	.359	11933	26.7	64	1B			3.21			4 4 4 4	
CULG	25	0436	0602	0500	N08	E20	.354	11933	26.7	86	2B		C	0500	5.57	5.67		
TEHR	25	0441	0537	0454	N08	E20	.354	11933	26.7	56	-B	4	V	1.86			Z F	
ATHN	25	0441	0524	0454	N10	E20	.364	11933	26.7	43	1B	2	V	2.15			Z F	
ATHN	25	0441	0524	0443	N10	E20	.364	11933	26.7	43	-N	2	V	1.16			Z F	
CATA	25	0500E	0550D	0500	N09	E18	.328	11933	26.6	50D	1B		P	0500	3.25	3.48	(263)	
44974	25	0511	0632	0517	N07	E19	.334	11933	26.6	81	*1N			4.50			3 1 1 7	
ABST	25	0511E	0630	0517	N08	E19	.339	11933	26.6	79D	1N		P	0517	4.50	4.80	BF	
HTPR	25	0543E	0620		N08	E22	.385	11933	26.9	37D	-F		C	0545	.41	.50		
CAPS	25	0600E	0633D		N06	E18	.315	11933	26.6	33D	-N	1	S					
GRP44976	25	0552	0610	0557	S06	W52	.794	11930	21.3	18	--N			.53			3 3 3 8	
HTPR	25	0552	0612	0557	S06	W53	.804	11930	21.3	20	-F		C	0557	.41	.70	E	
TEHR	25	0552	0605	0557	S05	W49	.760	11930	21.6	13	-N	4	V	.28			DE H	
ABST	25	0553	0613	0556	S06	W54	.814	11930	21.2	20	-N		C	0556	.90	1.50	F	
GRP44978	25	0727	0741	0729	S09	W54	.819	11930	21.3	14	-F			1.33			3 2 2 8	
HTPR	25	0727	0740	0728	S10	W55	.830	11930	21.2	13	-F		C	0728	.41	.70	E	
ABST	25	0727	0742	0729	S11	W51	.792	11930	21.5	15	1N		C	0729	1.35	2.30	E	
ABST	25	0728	0807D	0732	S06	W55	.824	11930	21.2	39D	1N		P	0732	.90	1.60	DK	
ARCE	25	0756	0805	0759	S07	W55	.826	11930	21.2	9	-N		C	0759	.09	.20		
GRP44979	25	0802	0848	0811	N10	E16	.304	11933	26.5	46	-N			1.68			8 7 7 9	
ARCE	25	0752E	0945		N10	E15	.290	11933	26.5	113D	1B		C	0819	2.17	2.30	K	
HTPR	25	0801	0910	0809	N09	E16	.298	11933	26.5	69	-F		C	0809	.41	.40	E	
CRON	25	0805E	0823	0807	N09	E15	.282	11933	26.5	18D	-N	3	V	0807	.65			
ATHN	25	0806	0827	0809	N07	E18	.319	11933	26.7	21	-B	3	V	.83			F H	
ABST	25	0806	0919D	0814	N09	E15	.282	11933	26.5	73D	1B		P	0814	4.23	4.40	FKZ	
LOCA	25	0810E	0835	0810	N19	E15	.380	11933	26.5	25D	-N		P	0810	1.46	1.50		
CATA	25	0815E	0825D	0815	N09	E16	.298	11933	26.5	10D	1B		P	0815	2.02	2.12	(282)	
CAPS	25	0823E	0920D		N03	E18	.309	11933	26.7	57D	1N	1	S	0848	2.50	2.60		

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMAH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %	
					LAT.	MER. DIST.												
1972 JUN																		
GRP45006	27	1130	1200	1136	S11	W59	.868	11930	23.1	30	-N						5 5 4 5	
MCMA	27	1126	1158	1137	S12	W60	.877	11930	23.0	32	-N	C	1137	.66	1.80		E	
CANR	27	1129	1135D		S12	W61	.885	11930	22.9	6D	-F	2 V	1135	.80	1.40			
CAPS	27	1129E	1230D		S11	W53	.813	11930	23.5	61D	-B	2 S						
ATHN	27	1132	1151	1135	S09	W59	.865	11930	23.1	19	-F	3 C		.33			DE	
ZURI	27	1134	1140	1136	S12	W62	.893	11930	22.8	6	-N	C	1136	.67	1.40			
GRP45011	27	1422	1431	1424	S11	W60	.876	11930	23.1	9	--N			.37			4 4 4 8	
RAMY	27	1421	1433	1423	S10	W60	.875	11930	23.1	12	-F	3 C		.41			DE	
HUAN	27	1421E	1422D		S11	W61	.884	11930	23.0	1D	-N	1 P	1422	.31	.63			
MCMA	27	1423	1430	1424	S12	W60	.877	11930	23.1	7	-N	C	1424	.31	.70		D	
CATA	27	1425E	1430	1425	S10	W60	.875	11930	23.1	5D	-B	P	1425	.46	.93		(234)	
012 ZURI	27	1652E	1708D	1658	S12	W61	.885	11930	23.1	16D	-N	P	1658	.85	1.90			
013 HUAN	27	2011E	2013D		N06	E55	.819	11939	1.0	2D	--F	1 P	2011	.21	.37		D	
	27	2110	2135		NO FLARE PATROL													
014 BOUL	27	2140	2150	2144	N06	W13	.233	11933	26.9	10	--F	3 V					2	
015 PALE	28	0218	0225	0219	N10	W20	.362	11933	26.6	7	--F	2 V		.21			2	
016 PALE	28	0311	0340	0315	N06	E53	.798	11939	1.1	29	--N	2 C		.36			F	
017 PALE	28	0331	0341	0332	N08	E53	.799	11939	1.1	10	--F	2 C		.19			2	
018 ATHN	28	0453	0504	0455	N09	E46	.722	11939	31.7	11	--N	3 C		.50			DE	
GRP45020	28	0605	0625	0610	N05	E49	.754	11939	1.9	20	--F			.48			5 5 5 5	
ABST	28	0601	0617D	0606	N05	E49	.754	11939	31.9	16D	-F	P	0606	.90	1.40		E	
ATHN	28	0603	0627	0605	N04	E49	.754	11939	31.9	24	-F	3 C		.33			DE	
HTPR	28	0604	0625	0609	N05	E50	.765	11939	1.0	21	-F	C	0609	.31	.50		E	
CATA	28	0610	0625	0615	N05	E48	.743	11939	31.9	15	-N	C	0615	.58	.87		(195)	
TEHR	28	0615E	0622	0615U	N04	E48	.742	11939	31.9	7D	-N	4 V		.28			DE	
GRP45022	28	0808	0818	0810	N05	E48	.743	11939	1.9	10	--N			.85			3 3 3 10	
ABST	28	0806	0820D	0810	N04	E49	.754	11939	1.0	14D	1N	P	0810	1.62	2.50		EJZ	
HTPR	28	0809	0818	0811	N05	E49	.754	11939	1.0	9	-F	C	0811	.41	.60			
MONT	28	0809	0816	0810	N05	E49	.754	11939	1.0	7	-N	C	0810	.52				
ABST	28	0814E	0820D	0817	N07	E41	.657	11939	31.4	6D	-F	P	0817	.90	1.20		DZ	
GRP45024	28	0950	1011	0959	N05	E49	.754	11939	2.1	21	--F			.26			3 2 2 6	
HTPR	28	0947	1009D	0949	N05	E48	.743	11939	1.0	22D	-F	C	0949	.31	.50			
MONT	28	0953	1011D	0959	N05	E49	.754	11939	1.1	18D	-F	C	0959	.21				
CAPS	28	0954E	1034D		N03	E49	.754	11939	1.1	40D	-F	2 S	1008	.30	.50		(152)	
GRP45025	28	1203	1216	1207	N08	E41	.658	11939	1.6	13	--F			.32			5 5 5 7	
ATHN	28	1202	1215	1206	N08	E43	.684	11939	31.7	13	-F	3 C		.33			DE	
HTPR	28	1202	1220	1209	N09	E40	.647	11939	31.5	18	-F	C	1209	.41	.50		E	
MCMA	28	1204	1216	1207	N09	E42	.672	11939	31.7	12	-N	C	1207	.36	.40		E	
CATA	28	1205	1215	1205	N09	E42	.672	11939	31.7	10	-N	C	1205	.29	.39		(174)	
RAMY	28	1208E	1214	1208U	N03	E37	.601	11939	31.3	6D	-F	3 V		.21			DE	
030 PALE	28	2015	2021	2018	S11	W82	.992	11930	22.7	6	-N	2 C		.55			2	
031 PALE	28	2216E	2225	2217U	S11	W82	.992	11930	22.8	9D	-N	2 V		.52			1	
032 PALE	28	2239E	2254	2241U	N08	E30	.505	11939	31.2	15D	-N	2 V		1.03			DE	
034 CULG	29	0130	0245	0149	S18	W60	.887	11932	24.6	75	1F	C	0149	1.24			L	
5 STATIONS REPORTING GROUP 45038. 2 STATIONS OBSERVING AND NOT REPORTING.																		
GRP45038	29	0538	0556	0546	N08	W34	.563	11933	26.7	18	--N			.45			4 4 4 7	
ATHN	29	0530	0554	0543	N08	W33	.549	11933	26.8	24	-N	3 C		.50			DE H	
HTPR	29	0533	0557	0549	N07	W34	.561	11933	26.7	24	-N	C	0549	.31	.40		DHK	
TEHR	29	0543E	0545D	0544U	N08	W34	.563	11933	26.7	2D	-F	2 V		.09			DE	
ABST	29	0547	0553D	0549	N09	W35	.579	11933	26.6	6D	-N	P	0549	.90	1.10		DJZ	
45038	29	0534	0551	0535	N08	W34	.563	11933	26.7	17	*-F			.34			2 2 2 6	
HTPR	29	0533	0557	0534	N07	W34	.561	11933	26.7	24	-F	C	0534	.21	.30		DHK	
CATA	29	0535	0545	0535	N08	W34	.563	11933	26.7	10	-N	C	0535	.46	.56		(172)	
GRP45040	29	0724	0805	0733	N07	E24	.412	11939	1.1	41	-N			2.12			5 5 5 6	
ABST	29	0721E	0749D	0729	N08	E25	.430	11939	31.2	28D	1N	P	0730	3.96	4.30		EZ	
HTPR	29	0725	0820	0730	N07	E24	.412	11939	31.1	55	-N	C	0730	.83	.90		EU	
CATA	29	0725	0800	0740	N08	E24	.414	11939	31.1	35	1B	C	0740	2.90	3.17		(214)	
ATHN	29	0726	0759	0734	N07	E23	.396	11939	31.0	33	-N	3 C		1.82			F	
CRON	29	0728E	0801		N05	E25	.423	11939	31.2	33D	-N	3 V		1.10				

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS	
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha		MAX. INT. %
					LAT.	MER. DIST.												
	1972 JUN																	
GRP45044	29	1218	1242	1221	S09	E02	.204	11936	29.7	24	--N							
RAMY	29	1213	1222	1216	S09	E02	.204	11936	29.7	9	-F	2	C				3 3 2 6	
CATA	29	1220	1245	1225	S10	E01	.219	11936	29.6	25	-N		C	1225	.34	.36	(166) T	
CAPS	29	1220E	1259D		S09	E03	.208	11936	29.7	39D	-N	1	P					
GRP45045	29	1416	1425	1419	N07	E25	.427	11939	31.5	9	--N							
CAPS	29	1415E	1422D		N08	E25	.430	11939	31.5	7D	-N	1	S	1415	.27	.40	(171) CF	
BOUL	29	1416	1425	1419	N06	E24	.409	11939	31.4	9	-F	3	V	1419	.30	.30		
CANR	29	1416	1425		N07	E25	.427	11939	31.5	9	-N	2	V	1417	.20			
GRP45046	29	1451	1507	1454	N08	W40	.645	11933	26.6	16	--N							
BOUL	29	1434	1508	1454	N09	W40	.646	11933	26.6	34	-N	3	V	1456	.65	.40	5 5 5 7	
RAMY	29	1450	1506	1452	N07	W43	.683	11933	26.4	16	-N	3	C		.65		F	
TEHR	29	1452	1505	1455	N08	W42	.671	11933	26.5	13	-N	4	V		.46		DE	
ZURI	29	1452E	1454D	1453	N09	W41	.659	11933	26.5	2D	-N		P	1453	1.26	1.70		
CAPS	29	1455E	1509D		N07	W35	.576	11933	27.0	14D	-B	1	V	1455	.60	.80	(234) C	
	29	2148	2155		NO FLARE PATROL													
GRP45053	30	1047	1106	1050	N10	W53	.800	11933	26.5	19	--F				.74		5 5 4 9	
UPIC	30	1044E	1121	1050	N09	W54	.809	11933	26.4	37D	1F		P					
HTPR	30	1046	1053	1048	N10	W53	.800	11933	26.5	7	-F		C	1048	.31			
TEHR	30	1047	1107	1052	N09	W50	.767	11933	26.7	20	-N	4	V		.65		F	
ATHN	30	1048	1103	1051	N10	W56	.830	11933	26.2	15	-F	3	C		.83		F	
CATA	30	1050	1105	1050	N10	W52	.789	11933	26.6	15	-N		P	1050	1.16	1.88	(182)	
8 STATIONS REPORTING GROUP 45056.					0 STATIONS OBSERVING AND NOT REPORTING.													
GRP45056	30	1506	1531	1517	N07	E07	.142	11939	31.2	25	-B				1.19		8 8 8 8	
RAMY	30	1502	1534	1514	N05	E07	.128	11939	31.2	32	-B	3	V		1.55		F	
HUAN	30	1504	1519D		N07	E05	.114	11939	31.0	15D	-B	1	P	1518	1.19	1.20	E	
CAPS	30	1506E	1533D	1521	N08	E10	.195	11939	31.4	27D	-B	1	P	1522	1.70	1.70	(256) EL	
BOUL	30	1506	1536	1520	N06	E05	.104	11939	31.0	30	-N	3	V	1520	2.00	2.00		
CANR	30	1506	1532	1519	N08	E05	.126	11939	31.0	26	-B	3	V	1519	1.10			
ATHN	30	1507	1537	1519	N08	E06	.138	11939	31.1	30	-N	3	C		.19	200.00	F H	
TEHR	30	1509	1519	1511	N07	E10	.188	11939	31.4	10	-N	2	V		.83		DE	
HTPR	30	1521E	1540		N07	E05	.114	11939	31.0	19D	-N		C	1525	.93	.90	BE	
45056	30	1502	1536	1508	N07	E07	.142	11939	31.2	34	*-F				.88		2 2 2 7	
RAMY	30	1502	1534	1505	N05	E07	.128	11939	31.2	32	-N	3	V		.93		F	
ATHN	30	1507	1537	1510	N08	E06	.138	11939	31.1	30	-F	3	C		.83		F H	
GRP45058	30	1725	1742	1729	N06	E04	.090	11939	31.0	17	--F				.49		4 4 4 5	
RAMY	30	1722	1733D	1725	N05	E04	.080	11939	31.0	11D	-F	2	V		.62		DE	
CANR	30	1725	1743	1727	N08	E04	.115	11939	31.0	18	-N	2	V	1727	.20			
HTPR	30	1725	1740	1726	N06	E04	.090	11939	31.0	15	-F		C	1726	.31	.30	E	

In the importance column "--" signifies the subflare has been confirmed by the NOAA grouping program but is not included in the I.A.U. Quarterly Bulletin on Solar Activity. These subflares are also not included in the Flare Index below.

DAILY FLARE INDICES								
Date	Flare Index	HR OBS	Date	Flare Index	HR OBS	Date	Flare Index	HR OBS
720601	1.00	23.7	720611	10.10	23.8	720621	28.17	23.8
720602	8.12	24.0	720612	45.30	23.4	720622	15.35	22.6
720603	13.44	23.7	720613	25.04	23.6	720623	51.55	24.0
720604	11.53	24.0	720614	17.55	23.5	720624	42.24	24.0
720605	17.89	24.0	720615	133.78	23.7	720625	155.80	23.5
720606	33.85	24.0	720616	22.01	23.4	720626	2.44	23.6
720607	19.35	24.0	720617	19.97	24.0	720627	29.38	23.3
720608	6.98	24.0	720618	26.79	24.0	720628	12.44	24.0
720609	11.52	22.5	720619	15.29	23.1	720629	31.84	23.9
720610	1.71	24.0	720620	10.12	22.3	720630	7.47	24.0

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

SOLAR FLARES

Unconfirmed

JUNE 1972

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM-POR-TANCE	OBS. COND.	OBS. TYPE	TIME UT	MEASUREMENTS				REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY						MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H _g	MAX. INT. %	
518 CRON	1972 JUN 01	0015E	0045		N11	W83	.993	11908	24.8	30D	-N	3	V	0025	.30				4
519 ATHN	01	0533	0539	0535	N06	W21	.375	11895	29.7	6	-F	3	C		.33				DE 6
520 CATA	01	0750	0755	0750	N09	W24	.435	11895	29.5	5	-N		C	0750	.17	.19	(174)		7
525 TEHR	01	1230E	1235D		N06	E85	.996	11912	7.9	5D	-N	2	V						F 9
GRP44526	01	1313	1331	1320	N11	W30	.530	11895	30.3	18	-F				.26				2 2 1 11
TELV	01	1307	1332	1320	N10	W33	.567	11895	29.1	25	1N								
HUAN	01	1319	1329	1320	N11	W27	.489	11895	29.5	10	-F	1	C	1320	.26	.30			
527 BOUL	01	1456	1510	1457	N08	E78	.979	11912	7.5	14	-F	2	V						8
531 MANI	02	0219E	0255	0220	S12	E32	.555	11905	4.5	36D	-F	1		0220	.31	.38			4
532 TEHR	02	0434	0441	0436	N08	W36	.600	11895	29.5	7	-F	2	V		.09				DE 7
533 ATHN	02	0711E	0728	0711U	N11	W38	.636	11895	29.4	17D	-F	3	V		.17				DE 8
534 ARCE	02	0800E	0851D		N08	E31	.531	11906	4.7	51D*	-N		C	0805	.03	.10			H 9
535 CAPS	02	0820E	0838D		S05	E06	.130	11904	2.8	18D	-N	1	V	0821	.05	.50	(161)		C 8
536 HTPR	02	0931	0945	0936	S07	E01	.113	11904	2.5	14	-F		C	0936	.10	.10			E 5
537 TELV	02	0950	1030	0955	N11	W45	.722	11895	29.0	40	1B								7
538 ARCE	02	0954E	0956D		S07	E58	.850	11911	6.8	2D	-F		P	0954	.09	.20			6
539 ARCE	02	0954E	0956D		S07	E05	.142	11904	2.8	2D	-F		P	0954	.17	.20			6
540 RAMY	02	1142E	1155	1144U	S08	E45	.713	11911	5.9	13D	-F	4	V		.52				DE 6
543 CATA	02	1420E	1505	1420	S07	W04	.132	11904	2.3	45D	-N		P	1420	.52	.53	(155)		10
545 HTPR	02	1517	1530	1519	N12	W43	.701	11895	29.4	13	-F		C	1519	.21	.30			10
546 HTPR	02	1609	1624	1609	N11	W42	.686	11895	29.5	15	-F		C	1609	.21	.30			9
551 MANI	03	0317E	0321	0317	N10	W47	.742	11895	29.6	4D	-N	2		0317	.31	.46			4
552 MANI	03	0337E	0348	0340	S14	E31	.552	11911	5.5	11D	-N	2		0340	.52	.63			5
553 CATA	03	0535	0545	0540	N10	E60	.871	11912	7.7	10	-B		C	0540	.46	.93	(219)		8
GRP44557	03	1050	1105	1100	N06	E16	.296	11906	4.7	15	-F				.37				2 2 2 8
HTPR	03	1050	1105	1101	N05	E14	.259	11906	4.5	15	-F		C	1101	.21	.20			
RAMY	03	1057E	1105	1059U	N07	E17	.318	11906	4.7	8D	-F	4	V		.52				DE
GRP44560	03	1325	1330	(1325)	N08	W52	.794	11895	30.7	5	-F				.15				2 2 2 11
HTPR	03	1324	1330	1324	N08	W51	.783	11895	29.7	6	-F		C	1324	.10	.20			
CANR	03	1325	1330		N08	W52	.794	11895	29.7	5	-N	2	V	1325	.20	.30			
GRP44561	03	1338	1354	1340	N08	E56	.833	11912	7.8	16	-F				.58				2 2 2 9
LOCA	03	1336	1400	1340	N08	E55	.824	11912	7.7	24	-N		V	1340	.85	1.70			
CANR	03	1340	1348		N08	E57	.843	11912	7.8	8	-F	2	V	1340	.30	.40			
569 MANI	04	0111	0130	0115	S19	E22	.478	11911	5.7	19	-F	2		0115	.93	1.06			3
570 ATHN	04	0441	0459	0443	S09	E30	.517	11911	6.4	18	-F	1		0443	.34	.33			5
571 CAPS	04	0550E	0624		S05	E24	.413	11911	6.0	34D	-F	3	V	0551	.05	.60	(157)	H	9
573 HTPR	04	0631	0710	0640	N12	W65	.911	11895	29.4	39	-F		C	0650	.41	.80			9
575 ATHN	04	0800	0805	0802	N14	W63	.898	11895	29.6	5	-F	1		0802	.17	.27			10
576 ARCE	04	0805E	0900D		S09	W21	.385	11904	2.8	55D	-F		C	0815	.09	.10			11
577 CAPS	04	0808E	0825D		N11	W66	.917	11895	29.4	17D	-N	4	V	0808	.49		(161)	C	11
578 ARCE	04	0810E	0855D		S17	E17	.401	11911	5.6	45D	-F		C	0832	.13	.20			10
581 ONDR	04	1053E	1103		S08	E27	.469	11911	6.5	10D	-N		V	1054			2.90		CD 7
2 STATIONS REPORTING GROUP 44582. 7 STATIONS OBSERVING AND NOT REPORTING.																			
GRP44582	04	1112	1157	1130	S08	E18	.334	11911	5.8	45	-F				1.11				2 2 2 9
HTPR	04	1112	1157	1130	S07	E21	.374	11911	6.0	45	-F		C	1130	.83	.80			E
CATA	04	1130E	1135D	1130	S08	E15	.289	11911	5.6	5D	-N		P	1130	1.39	1.45	(193)		

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS	
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	OMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hg		MAX. INT. %
582 HTPR	04	1131	1135	1132	S08	E27	.469	11911	6.5	4	*-F	C	1132	.21	.20			8
GRP44584	04	1545	1600	1547	S07	E19	.343	11911	6.1	15	-F			.37				2 2 1 8
RAMY	04	1545	1602	1547	S06	E17	.307	11911	5.9	17	-F	3 V		.37				DE
ONDR	04	1551E	1557		S08	E21	.379	11911	6.2	60	1F	V	1553			2.40		CJ
589 PALE	04	1917E	1923D	1919U	N07	E37	.611	11912	7.6	60	-F	3 V		.36				F
GRP44591	05	0123	0149	0130	S07	E08	.182	11911	5.7	26	-F			.93				1 1 1 4
MANI	05	0123E	0149D	0130	S07	E08	.182	11911	5.7	26D	-F	2 C		.93				F
MANI	05	0123E	0149	0130	S07	E08	.182	11911	5.7	26D	-F	2	0130	.93	.95			
592 KODA	05	0153	0156		S17	E09	.325	11911	5.8	3	-N	C	0155	1.36	1.40			D
594 PALE	05	0304E	0316D	0307	N09	E35	.589	11912	7.8	120	-N	2 V		.93				F
596 MANI	05	0435	0454	0439	S04	E10	.185	11911	5.9	19	-F	3 V		.52				F
598 MANI	05	0700	0730	0708	N04	E47	.733	11916	8.8	30	-F	2	0708	.41	.61			
599 ARCE	05	0810E	0830D		N06	E47	.735	11916	8.9	200	-N	C	0828	.20	.30			
601 ARCE	05	0925	0935D		S06	E13	.245	11911	6.4	10D	-F	C	0930	.29	.30			
602 ARCE	05	0940E	1000D		S06	E06	.145	11911	5.9	200	-F	C	0955	.17	.20			
603 RAMY	05	1035	1054D	1038	S06	E12	.230	11911	6.3	19D	-N	2 C		.37				DE
604 CATA	05	1055	1100	1055	S06	E12	.230	11911	6.4	5	-B	C	1055	.23	.24		(257)	
605 CATA	05	1235	1240	1235	S06	E11	.215	11911	6.3	5	-B	C	1235	.29	.30		(216)	
606 CATA	05	1240	1245D	1240	S15	W05	.269	11911	5.2	5D	-N	P	1240	.58	.60		(186)	
608 MCMA	05	1336	1350	1342	S13	E90	1.000	11919	12.3	14	-N	C	1342					V
609 HUAN	05	1600	1607D		S05	E11	.208	11911	6.5	7D	-F	1 P	1603	.36	.37			E
610 MCMA	05	1635	1647	1637	S05	E10	.192	11911	6.4	12	-N	C	1637	.15	.20			D
611 HUAN	05	1806	1810	1808	S07	E07	.169	11911	6.3	4	-F	2 C	1808	.21	.21			D
614 MANI	05	2345	0005	2350	S07	E06	.157	11911	6.4	20	-F	2 C		.83				F
616 SIBE	06	0220E	0230	0227	S08	E07	.183	11911	6.6	10D	1F	C	0227	2.13	2.20		57	CDIT
GRP44617	06	0410	0418	0414	S08	E06	.172	11911	6.6	8	-B			.56				2 2 2 7
TACH	06	0410	0416	0413	S07	E05	.148	11911	6.5	6	-B	C	0413	.91	.92			D
MANI	06	0410	0420	0415	S08	E06	.172	11911	6.6	10	-N	2 C		.21				DE
620 CATA	06	0820	0835	0825	S07	E02	.125	11911	6.5	15	-N	C	0825	.14	.14		(182)	
621 CATA	06	0835	0910	0840	N13	W23	.443	11906	4.6	35	-F	C	0840	1.16	1.29		(141)	
622 CAPS	06	0859	0909		S08	E05	.162	11911	6.7	10	-N	2 P	0900	.04	.40		(171)	H
625 RAMY	06	1053	1120	1059	S04	W07	.139	11911	5.9	27	-F	1 C		.46				DE
626 RAMY	06	1102E	1115	1103U	S03	W09	.164	11911	5.8	13D	-F	3 V		.28				DE
627 RAMY	06	1344	1405	1344U	N21	E26	.545	11920	8.5	21	-F	2 C		.28				DE
628 ATHN	06	1445E	1449	1445U	S12	E85	.996	11922	13.0	4D	-N	2 V		.50				DE
631 PALE	06	1632E	1643	1635	S02	W06	.110	11911	6.2	11D	-F	3 V		.31				F
1 STATIONS REPORTING GROUP 44633. 6 STATIONS OBSERVING AND NOT REPORTING.																		
633 BOUL	07	0059	0128	0101	S05	W20	.352	11911	5.5	29	-B	2 V	0101	.60	.60			
633 BOUL	07	0059	0128	0122	S05	W20	.352	11911	5.5	29	*-B	2 V						
634 PALE	07	0158	0215	0159	N07	W31	.525	11906	4.8	17	-F	2 C		.17				F
635 PALE	07	0201	0233	0208	S06	W44	.699	11904	3.8	32	-N	2 C		.64				F
636 PALE	07	0201	0233	0218	S06	W44	.699	11904	3.8	32	-N	2 C		.27				F
637 CATA	07	0510	0515	0510	S06	W11	.217	11911	6.4	5	-B	C	0510	.14	.14		(209)	

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OBSERVATORY	OBSERVED UT			MAX. PHASE	LOCATION				CMP DAY	DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	TIME UT	MEASUREMENTS				REMARKS
	DATE	START	END		APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION						MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %	
640 ARCE	1972 JUN 07	0816E	0900D		S07	W13	.255	11911	6.4	44D	-F	C	0840	.20	.20			11
641 ARCE	07	0830E	0845D		N05	W37	.606	11906	4.6	15D	-F	C	0840	.17	.20			11
GRP44642	07	0933	0940 (0935)		S09	W15	.300	11911	6.3	7	-F			.41				2 2 2 11
BUCA	07	0933E	0939D		S08	W15	.292	11911	6.3	6D	-F	C	0934	.65	.60			
ARCE	07	0935E	0940D		S10	W14	.295	11911	6.3	5D	-F	P	0935	.17	.20			
643 CAPS	07	1140E	1157D		S18	W23	.484	11911	5.8	17D	-F	4 V	1141	.03	.30	(153)		11
646 KODA	08	0236	0406 0307		S07	W26	.452	11911	6.2	90	1N	P	0305	3.61	3.60	1.76	I	5
647 ATHN	08	0502	0526 0507		S03	W30	.502	11911	6.0	24	-N	1 C		.33			DE	6
GRP44648	08	0502	0526 0510		S03	E00	.055	11916	8.2	24	-N			.50			1 1 1 6	
ATHN	08	0502	0526 0510		S03	E00	.055	11916	8.2	24	-N	2		.50			DE	
ATHN	08	0502	0526 0505		S03	E00	.055	11916	8.2	24	-F	2		.33			DE	
650 ABST	08	0628E	0629D 0629		N05	E07	.148	11916	8.8	1D	-N	P	0629	1.80	2.00		E	6
GRP44651	08	0651	0714 0651		N04	E05	.110	11916	8.7	23	-F			.27			2 2 2 8	
ATHN	08	0651E	0659D 0651U		N04	E06	.124	11916	8.7	4D	-F	1 C		.50			DE	
CAPS	08	0653E	0714D		N03	E04	.086	11916	8.6	21D	-N	4 V	0654	.04	.40	(188)	C	
GRP44653	08	0755	0821 (0758)		S08	W26	.457	11911	6.4	26	-N			.28			2 2 2 10	
CAPS	08	0755	0819D		S08	W25	.442	11911	6.5	24D	-N	4 V	0756	.03	.30	(171)	F	
ARCE	08	0800E	0821D		S08	W27	.471	11911	6.3	21D	-N	C	0800	.52	.60			
654 ARCE	08	0821E	0845D		S09	W81	.988	11904	2.3	24D	-F	C	0826	.17				11
656 ARCE	08	0855E	1000D		S10	W85	.996	11904	2.0	65D	-F	C	0915	.09				9
658 TELV	08	1040	1050 1043		S05	W45	.710	11911	5.1	10	-F							10
GRP44661	08	1431	1439 1432		S19	W44	.734	11911	5.3	8	-F			.24			2 2 2 10	
HTPR	08	1430	1435 1430		S20	W43	.727	11911	5.4	5	-F	C	1430	.21	.20			
HUAN	08	1432	1443 1434		S18	W45	.741	11911	5.2	11	-F	1 C	1434	.26	.39			
662 HTPR	08	1503	1505 1504		S08	W31	.529	11911	6.3	2	-F	C	1504	.10	.10			9
665 MCHA	08	1930	2010D 1935		S07	W36	.596	11911	6.1	40D	-F	C	1935	.26	.30		D	4
667 MCHA	08	2029	2110D 2031		S07	W37	.610	11911	6.1	41D	-F	C	2031	.21	.30		D	5
GRP44671	09	0344	0352 0346		S07	W49	.759	11911	5.5	8	-F			.39			2 2 2 7	
ATHN	09	0344E	0352 0344U		S06	W53	.801	11911	5.2	8D	-F	2 V		.50			DE	
PALE	09	0347E	0350D 0347U		S08	W45	.715	11911	5.8	3D	-N	2 C		.27				
672 PALE	09	0347E	0350D 0347U		S08	W38	.626	11911	6.3	3D	-F	2 C		.36				7
GRP44673	09	0511	0525 0512		S08	W39	.639	11911	6.3	14	-F			.21			1 1 1 9	
HTPR	09	0511	0525 0512		S07	W40	.650	11911	6.2	14	-F	C	0512	.21	.30			
HTPR	09	0511	0519 0512		S10	W38	.632	11911	6.4	8	-F	C	0512	.10	.10			
674 ATHN	09	0543	0550 0545		S06	W54	.812	11911	5.2	7	-F	3 V		.50			DE	8
675 ATHN	09	0556E	0606 0557		S07	W42	.676	11911	6.1	10D	-N	3 V		.33			DE	7
677 ARCE	09	0925E	1000D		S08	W41	.665	11911	6.3	35D	-N	C	1000	.26	.30			11
682 ARCE	09	1350	1400D 1352		S13	E90	1.000	11926	16.3	10D	-N	C	1352	.26				7
683 ARCE	09	1435E	1440D		S08	W43	.690	11911	6.4	5D	-N	P	1440	.09	.10			6
GRP44685	09	1523	1538 1530		S04	E90	1.000	11926	16.4	15	-F			.62			2 2 1 6	
HTPR	09	1523	1535 1533		S05	E90	1.000	11926	16.4	12	-N	C	1533	.62				
ATHN	09	1527E	1540 1527U		S03	E90	1.000	11926	16.4	13D	-F	2 V					DE	
GRP44686	09	1503	1529 1526		S06	W43	.687	11911	6.4	26	-F			.21			2 2 1 6	
CAPS	09	1503E	1527D		S05	W42	.673	11911	6.5	24D	-N	1 S					E	
HTPR	09	1524	1529 1526		S07	W43	.688	11911	6.4	5	-F	C	1526	.21	.30			
689 ATHN	10	0520	0531 0522		S05	W55	.821	11911	6.1	11	-N	3 V		.50			DE	7
691 CAPS	10	1009E	1032D		S16	E80	.986	11926	16.4	23D	-N	3 V	1010	.29		(188)	C	5
GRP44692	10	1055	1104 1102		S11	W57	.846	11911	6.2	9	-F			.40			2 2 2 6	
CATA	10	1055	1105 1105		S10	W56	.836	11911	6.3	10	-N	P	1100	.46	.83	(174)		
ATHN	10	1058E	1102 1058U		S12	W58	.856	11911	6.1	4D	-F	2 V		.33			DE	

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS
	DATE	START	END	MAX. PHASE	APPROX.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	TIME UT				MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %	
					LAT.												
693 CATA	10	1150	1200	1150	S08	W61	.878	11911	5.9	10	-N	C	1150	.29	.60	(174)	6
694 CANR	10	1241	1258		S12	E76	.972	11926	16.2	17	-N	1 V	1243	.20	.60		5
695 ATHN	10	1317E	1402	1320	S12	E55	.829	11922	14.7	450	-N	3 V		.83			U F 6
695 ATHN	10	1317E	1402	1334	S12	E55	.829	11922	14.7	450	*-B	3 V		1.65			U F 6
GRP44697	10	1407	1429	1414	S09	W59	.862	11911	6.2	22	-N			.25			2 2 2 5
CANR	10	1402	1408		S10	W56	.836	11911	6.4	6	-N	2 V	1402	.30	.50		
CAPS	10	1406E	1429D		S09	W59	.862	11911	6.2	230	-N	3 V	1426	.10	2.00	(180)	
CANR	10	1408	1429	1414	S09	W63	.894	11911	5.9	21	-N	2 V	1414	.40	.80		
698 CAPS	10	1445E	1500D		S07	W52	.792	11911	6.7	150	-F	3 V	1446	.05	.80	(150)	7
699 RAMY	10	1542	1547D	1544	N06	E71	.946	11925	16.0	5D	-N	2 C		.41			DE 7
700 MCHA	10	1744	1755	1745	S07	W62	.885	11911	6.1	11	-F	C	1745	.41	.90		E 4
701 ATHN	11	0430E	0437	0430U	S07	E35	.584	11922	13.8	7D	-F	2 V		.33			DE 7
GRP44702	11	0808	0908	(0820)	S07	W68	.929	11911	6.2	60	-N			.20			2 2 1 6
ARCE	11	0808E	0900D		S08	W64	.901	11911	6.5	52D	-N	C	0820	.20	.50		
CAPS	11	0854E	0911		S08	W66	.916	11911	6.4	17D	-N	1 S					
CAPS	11	0854E	0905		S05	W78	.978	11911	5.5	11D	-F	1 S					
GRP44703	11	0943	0953	0943	S14	E64	.906	11926	16.2	10	-F			.49			2 2 2 5
ATHN	11	0940E	0953	0940	S15	E65	.914	11926	16.3	13D	-F	1	0940	.68	1.03		
CATA	11	0945	0950D	0945	S12	E62	.889	11926	16.1	5D	-N	P	0945	.29	.62	(178)	
GRP44708	11	1329	1356	1335	S08	W67	.923	11911	6.5	27	-N			.17			2 2 1 6
ATHN	11	1325E	1348D	1334	S10	W64	.903	11911	6.8	23D	-N	1	1334	.17	.25		
BOUL	11	1333	1356	1335	S04	W69	.934	11911	6.4	23	-N	2 V					
BOUL	11	1333	1357	1334	S08	W71	.947	11911	6.2	24	-F	2 V					
GRP44710	11	1627	1635	1628	S12	E60	.873	11926	16.2	8	-F			.46			2 2 1 6
RAMY	11	1627	1635	1628	S12	E60	.873	11926	16.2	8	-N	2 C		.46			DE
HUAN	11	1627	1629D		S12	E60	.873	11926	16.2	2D	-F	1 P					
712 PALE	11	1646	1650D	1649	S12	E90	1.000	11927	18.4	4D	-N	0 C					6
715 BOUL	11	1827	1829D	1829	S08	W74	.962	11911	6.2	2D	-F	2 V					5
719 MANI	12	0153	0210	0155	S07	W76	.971	11911	6.4	17	-F	2 C		.41			5
721 MANI	12	0612	0631	0616	S11	W76	.972	11911	6.6	19	-N	2	0616	.31	1.22		5
723 MANI	12	0817	0835	0818	S11	E50	.778	11926	16.1	18	-N	2	0818	.62	.95		5
724 CRON	12	0826E	0836		S08	W68	.929	11911	7.3	10D	-F	2 V		.80			8
GRP44725	12	0847	0859	0850	S12	W80	.986	11911	6.4	12	-F			.31			2 2 2 7
MANI	12	0845	0859	0850	S11	W79	.983	11911	6.4	14	-F	2	0850	.31	.78		
HTPR	12	0848	0858	0850	S12	W80	.986	11911	6.4	10	-F	C	0850	.31			
726 HTPR	12	0904	0912	0906	S12	W81	.989	11911	6.3	8	-F	C	0906	.31			7
727 HTPR	12	0957	1003D		S12	W81	.989	11911	6.3	6D	-F	C	0959	.21			6
728 RAMY	12	1155	1231	1158	S12	E48	.758	11926	16.1	36	-F	3 C		.28			DE 9
730 CAPS	12	1418E	1508D		S11	E48	.756	11926	16.2	50D	1B	3 P	1435	1.90	2.90	(205)	8
731 CAPS	12	1418E	1440		S04	W90	1.000	11911	5.8	22D	-N	3 P					H 8
734 ARCE	12	1617E	1621D		S08	W89	1.000	11911	6.0	4D	-F	P	1617	.20			7
735 ARCE	12	1617E	1621D		S10	E46	.731	11926	16.1	4D	-F	P	1618	.06	.10		7
736 ARCE	12	1630E	1630D		S09	E49	.763	11926	16.4		-F	P	1630	.26	.40		7
739 ATHN	13	0420E	0443	0429	S12	E40	.665	11926	16.2	23D	-F	1	0429	.52	.55		6
740 TEHR	13	0810E	0816	0811U	S15	E40	.676	11926	16.3	6D	-F	4 V		.37			F 7
745 CAPS	13	1134E	1155D		S12	E37	.628	11926	16.3	21D	-F	3 V	1135	.40	.50	(157)	C 6
746 ATHN	13	1202E	1211	1203	S12	E39	.653	11926	16.4	9D	-F	3 V		.50			DE 6

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS	
	DATE 1972 JUN	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %		
748 BOUL	13	1500	1515	1509	S09	E34	.577	11926	16.2	15	-N 2	V							6
749 ATHN	13	1605E	1614	1606	S12	E36	.615	11926	16.4	9D	-F 2	V	.33						DE 4
750 PALE	13	1714E	1722	1716U	S11	E35	.598	11926	16.3	8D	-F 2	V	.52						F 4
754 ATHN	14	0455E	0513	0459	N10	E90	1.000	11928	21.0	18D	-N 3	V							F 3
GRP44757	14	0652	0902	0657	S14	E34	.599	11926	16.8	130	1F		1.80						1 1 1 7
ABST	14	0652E	0902D	0704	S12	E31	.550	11926	16.6	130D	-F	P	0704	.90	1.10				E
ABST	14	0652E	0840	0657	S18	E35	.633	11926	16.9	108D	1F	P	0657	1.80	2.40				E
ABST	14	0724	0855	0730	S15	E37	.641	11926	17.1	91	-F	C	0730	.45	.60				OZ
ABST	14	0821E	0835	0823	S14	E36	.624	11926	17.0	14D	-F	P	0823	.45	.60				OZ
759 ATHN	14	0919	0930	0922	S16	E27	.523	11926	16.4	11	-F 3	V	.33						DE 5
GRP44760	14	0920	0934	0922	S14	E35	.612	11926	17.0	14	-F		.37						2 2 2 5
ATHN	14	0920	0929	0922	S14	E33	.587	11926	16.9	9	-F 3	V	.33						DE
CAPS	14	0922E	0938D		S13	E37	.632	11926	17.2	16D	-F 1	P	0925	.40	.50			(157)	
761 ATHN	14	0935E	0945	0937	N10	E90	1.000	11928	21.1	10D	-N 3	V							DE 4
762 CAPS	14	1016	1026		S09	E27	.480	11926	16.5	10	-F 1	P							4
764 RAMY	14	1259	1320	1305	S15	E15	.370	11926	15.7	21	-N 3	V	.31						DE 6
766 BOUL	14	1332	1339	1333	N08	E89	1.000	11928	21.2	7	-F 3	V		1.00					7
767 CATA	14	1400E	1405	1400	S10	W55	.827	11919	10.5	5D	-B	P	1400	.87	1.51			(214)	7
768 CATA	14	1410	1425	1415	S08	W63	.894	11917	9.9	15	-B	C	1415	.58	1.28			(224)	7
769 CAPS	14	1514E	1523		S04	E04	.110	11922	14.9	9D	-N 3	V	1514	.20	.20				6
GRP44771	14	1649	1705	1657	N08	E87	.999	11928	21.2	16	-N								2 2 0 5
BOUL	14	1645	1705	1657	N08	E89	1.000	11928	21.4	20	-N 3	V							DE
RAMY	14	1653	1704		N08	E85	.996	11928	21.1	11	-N 2	C							
772 RAMY	14	1720	1733	1722	N10	E90	1.000	11928	21.5	13	-N 2	V							6
777 PALE	15	0254	0310	0256	S18	E22	.482	11926	16.8	16	-F 2	C	.19						5
GRP44780	15	0800	0829	0804	S09	E08	.221	11926	15.9	29	-F		.17						2 2 1 8
ATHN	15	0800	0839	0804	S09	E07	.211	11926	15.9	39	-F 3	C	.17						DE
CAPS	15	0805E	0818		S09	E08	.221	11926	15.9	13D	-F 3	V							
GRP44781	15	0824	0835	(0826)	S10	E13	.292	11926	16.3	11	-F		.28						2 2 2 7
CAPS	15	0824	0834		S11	E15	.328	11926	16.5	10	-N 3	V	0827	.30	.30				
ARCE	15	0825E	0835D		S08	E10	.232	11926	16.1	10D	-F	C	0825	.26	.30				
784 TELV	15	1217	1225	1221	S16	E24	.487	11926	17.3	8	-N								6
785 HUAN	15	1230	1235	1232	S13	W23	.450	11922	13.8	5	-F 1	C							8
787 HUAN	15	1341	1347	1342	N09	E75	.966	11928	21.2	6	-F 1	C	1342	.26					8
GRP44788	15	1430	1453		S06	E89	1.000	11930	22.3	23	-F								2 2 0 7
HUAN	15	1430	1443		S09	E88	.999	11930	22.2	13	-F 1	C							T
CAPS	15	1432E	1503D		S03	E90	1.000	11930	22.4	31D	1N 3	P							
GRP44789	15	1512	1559	(1535)	S06	W11	.225	11922	14.8	47	-N		.75						2 2 2 7
HUAN	15	1512	1550D		S06	W10	.211	11922	14.9	38D	-N		1534	.67	.69				E
MCHA	15	1512E	1559		S06	W12	.240	11922	14.7	47D	-N	P	1536	.83	.80				EH
791 HUAN	15	1553	1602		S09	E88	.999	11930	22.3	9	-F 1	C	1558	.21					D 6
792 PALE	15	1916	1920	1918	S29	E67	.943	11929	20.8	4	-F 2	C	.19						4
794 PALE	16	0106	0117	0109	S12	W02	.230	11926	15.9	11	-N 3	C	.36						F 6
795 PALE	16	0111	0134	0115	S05	E31	.523	11927	18.4	23	-F 2	C	.45						DE 6
796 CULG	16	0133	0256	0217	S00	E70	.940	11930	21.3	83	1F	C	0217	1.24					7
797 CULG	16	0320	0402	0332	N12	E66	.916	11928	21.1	42	1N	P	0332	1.55					7
798 MANI	16	0436	0505	0441	S12	E03	.233	11926	16.4	29	-F 2	C	.21						7
799 ATHN	16	0513	0527	0515	S26	E62	.911	11929	20.9	14	-F 3	C	.17						DE 7

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS	
	DATE	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMA TH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %		
GRP44802	16	0637	0646	0641	S12	E10	.283	11926	17.0	9	-F								2 2 2 9
ABST	16	0636	0646	0640	S12	E09	.274	11926	16.9	10	-F	C	0640	1.18	1.20				E
HTPR	16	0638	0645	0641	S11	E11	.281	11926	17.1	7	-F	C	0641	.31	.30				D
803 ABST	16	0658	0714	0704	S14	E85	.997	11930	22.7	16	1F	C	0704	.81					D
805 ABST	16	0730	0740	0736	S09	E70	.942	11930	21.6	10	1F	C	0736	.81					DZ
808 ARCE	16	0930E	0930D		S11	E80	.986	11930	22.4		-F	P	0930	.19					
810 CAPS	16	1055E	1123		S13	W03	.249	11926	16.2	28D	-N	3 V	1115	.30	.30		(165)		C
GRP44811	16	1123	1134	1124	S12	E78	.980	11930	22.3	11	-N			.21					2 2 2 7
MONT	16	1123	1131D	1124	S13	E81	.989	11930	22.5	8D	-N	C	1124	.21					
CAPS	16	1124E	1134		S10	E75	.968	11930	22.1	10D	-N	3 V	1128	.20					C
GRP44812	16	1137	1215	(1144)	S07	W03	.150	11926	16.3	38	-F			.56					2 2 2 8
CAPS	16	1137E	1215D		S11	W04	.221	11926	16.2	38D	-N	3 P	1141	.50	.50		(173)		
ARCE	16	1147E	1202D		S03	W02	.080	11926	16.3	15D	-F	C	1147	.61	.60				
GRP44815	16	1314	1359	1342	N04	E65	.906	11928	21.4	45	-N			.31					2 1 1 8
MCMA	16	1314	1359	1342	N04	E65	.906	11928	21.4	45	-N	C	1342	.31	.70				E
HTPR	16	1315	1345	1316	N05	E68	.927	11928	21.7	30	-F	C	1316	.21	.50				HIU
816 CAPS	16	1315E	1330		N04	E71	.945	11930	21.9	15D	-N	3 V	1320	.60					
GRP44817	16	1332	1351	1342	S04	E69	.934	11930	21.7	19	-F			.30					2 2 2 8
MCMA	16	1332	1347	1342	S02	E68	.928	11930	21.7	15	-F	C	1342	.15	.40				D
ARCE	16	1339E	1355D		S06	E69	.935	11930	21.7	16D	-N	C	1342	.44					
818 CAPS	16	1430E	1455D		S15	W34	.606	11922	14.1	25D	-N	3 V	1437	.80	1.00				
820 CAPS	16	1545E	1548		S09	E69	.936	11930	21.8	3D	-N	3 V	1545	.20					
833 MANI	17	0121	0145	0128	S16	W02	.298	11926	16.9	24	-F	3 C		.41					
834 MANI	17	0138	0158	0143	S14	W46	.744	11922	13.6	20	-F	3 C		.41					
835 MANI	17	0233	0248	0237	S09	E72	.953	11930	22.5	15	-F	2	0237	.41	.91				
836 MANI	17	0426	0435	0429	S11	W12	.294	11926	16.3	9	-N	2	0429	.31	.32				
837 MANI	17	0431	0450	0435	S24	E48	.798	11929	20.8	19	-N	2	0435	.31	.50				
839 TEHR	17	0536	0546	0539	S06	E60	.869	11930	21.7	10	-N	3 V		.19					DE
GRP44840	17	0600	0607	0603	S06	W14	.271	11926	16.2	7	-F			.33					2 2 2 8
TEHR	17	0600	0607	0602	S06	W13	.256	11926	16.3	7	-N	3 V		.45					F
HTPR	17	0600	0607	0604	S06	W15	.286	11926	16.1	7	-F	C	0604	.21	.20				D
841 TEHR	17	0620E	0623	0620U	S13	W13	.329	11926	16.3	3D	-N	2 V		.19					DE
843 CAPS	17	0647E	0738		S07	E57	.843	11930	21.6	51D	-N	3 V	0651	.40	.80		(171)		
GRP44846	17	0809	0813	0811	S15	W05	.292	11926	17.0	4	-F			.55					2 2 2 9
ABST	17	0809	0815	0811	S15	W05	.292	11926	17.0	6	-F	C	0811	.99	1.00				DJZ
HTPR	17	0809	0811	0810	S14	W05	.276	11926	17.0	2	-F	C	0810	.10	.10				D
847 HTPR	17	0841	0846	0841	S11	E60	.874	11930	21.9	5	-F	C	0841	.10	.20				
848 HTPR	17	0852	0902	0854	S06	E56	.833	11930	21.6	10	-N	C	0854	.10	.20				DH
849 HTPR	17	0907	0917	0908	S13	W17	.376	11926	16.1	10	-F	C	0908	.21	.20				
854 CAPS	17	1423E	1440D		S12	W16	.353	11926	16.4	17D	-N	2 V	1427	.30	.30		(166)		C
855 HTPR	17	1458	1508	1500	N14	W18	.373	11925	16.3	10	-F	C	1500	.31	.30				EGU
856 HUAN	17	1507	1527	1513	S14	W53	.816	11922	13.7	20	-N	1 C	1513	.46	.83				
857 HUAN	17	1623	1628	1625	S12	E62	.891	11930	22.3	5	-F	2 C	1625	.21	.45				
GRP44858	17	1639	1657	1649	S14	W54	.825	11922	13.6	18	-F			.36					2 2 2 7
HUAN	17	1630	1700		S14	W54	.825	11922	13.6	30	-F	1 C	1649	.41	.74				E
MCMA	17	1648	1654	1649	S14	W54	.825	11922	13.6	6	-F	P	1649	.31	.60				E

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS	
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %		
1972 JUN																			
860 MANI	18	0225	0240	0230	S24	E35	.674	11929	20.7	15	-F	3	C		.52				5
861 TEHR	18	0230	0233D	0232U	N25	E35	.659	11928	20.7	3D	-N	2	V		.19			DE	5
862 PALE	18	0334	0345	0336	S12	E46	.738	11930	21.6	11	-F	2	C		.36				8
863 TEHR	18	0341	0347	0343	N13	W59	.862	11921	13.7	6	-N	4	V		.19			F	7
864 ATHN	18	0410E	0415	0410U	S24	E33	.654	11929	20.6	5D	-N	2	V		.33			DE	5
866 TELV	18	0732	0740		S12	E63	.898	11930	23.0	8	-F								6
GRP44867	18	0814	0834	(0817)	S12	W26	.486	11926	16.4	20	-F				.33			2 2 2	8
ARCE	18	0814E	0831D		S13	W27	.506	11926	16.3	17D	-F		C	0814	.15	.20			
CAPS	18	0818E	0834D		S10	W25	.459	11926	16.5	16D	-N	2	V	0819	.50	.60	(166)	C	
GRP44868	18	1035	1121	1039	S12	W26	.486	11926	16.5	46	-B				.25			2 2 2	8
HTRP	18	1035	1100	1039	S13	W28	.519	11926	16.3	25	-N		C	1039	.10	.10		OK	
CAPS	18	1039E	1141D		S11	W23	.438	11926	16.7	62D	-B	3	P	1048	.40	.40	(210)		
GRP44873	18	1426	1433	1427	S10	E54	.818	11930	22.7	7	-F				.29			2 2 2	7
RAMY	18	1425E	1432	1425U	S09	E54	.817	11930	22.7	7D	-F	2	V		.37			DE	
HUAN	18	1427	1433	1429	S10	E53	.809	11930	22.6	6	-F	1	C	1429	.21	.34		D	
875 TELV	18	1435	1453	1446	S10	E27	.487	11929	20.6	18	-F								9
876 HTRP	18	1550	1556	1554	N10	E35	.586	11928	21.3	6	-F		C	1554	.21	.20			6
878 PALE	19	0101E	0122	0101U	S08	W22	.405	11926	17.4	21D	-F	2	C		.19				7
879 PALE	19	0256	0307	0304	S11	E32	.562	11930	21.5	11	-F	2	C		.36			F	9
880 PALE	19	0300	0318	0306	S08	E40	.656	11930	22.1	18	-F	2	C		.45			F	9
GRP44881	19	0341	0354	0349	S05	W01	.114	11927	19.1	13	-N				.52			2 2 2	9
MANI	19	0341	0354	0349	S03	W02	.085	11927	19.0	13	-N	2		0349	.52	.52			
PALE	19	0346E	0354	0348	S06	E01	.131	11927	19.2	8D	-N	2	V		.52			DE	
883 ATHN	19	0526	0537	0529	S16	W76	.974	11922	13.5	11	-F	3	C		.33			DE	8
884 TELV	19	0710	0731	0720	S11	E31	.548	11930	21.6	21	-N								11
GRP44885	19	0724	0740	0727	S10	W40	.662	11926	16.3	16	-F				.27			2 2 2	12
HTRP	19	0722	0739	0726	S09	W40	.659	11926	16.3	17	-F		C	0726	.21	.30		D	
ATHN	19	0725	0741	0727	S10	W40	.662	11926	16.3	16	-N	3	C		.33			DE	
887 TELV	19	0823	0830	0825	S13	E33	.585	11930	21.8	7	-B								12
888 ARCE	19	0917E	0950D		S12	E29	.527	11930	21.6	33D	-F		C	0926	.09	.10			13
893 CAPS	19	1114	1127		S04	W01	.097	11927	19.4	13	-N	3	V	1114	.30	.30	(182)		9
894 UPIC	19	1147	1315	1257	S12	W28	.514	11926	17.4	88	-N		P						9
896 CAPS	19	1252	1320		S10	E25	.460	11930	21.4	28	-N	2	S	1253	.30	.40	(161)		9
898 CAPS	19	1352E	1401D		S10	E25	.460	11930	21.5	9D	-N	1	S	1352	.30	.40	(161)	C	8
902 CAPS	20	0631	0645		S14	E29	.540	11930	22.4	14	-N	2	V	0635	.20	.30	(171)		8
903 CAPS	20	1227E	1320D		N05	E90	1.000	11933	27.3	53D	3N	3	P					A	10
904 ARCE	20	1350E	1400D		N11	E83	.992	11933	26.8	10D	-N		C	1354	.22			H	12
907 RAMY	20	1616	1627	1618	N08	E80	.984	11933	26.7	11	-F	3	V					DE	5
908 RAMY	20	1640	1658	1644	N08	E80	.984	11933	26.7	18	-F	3	V					DE	4
912 MANI	21	0338E	0348	0338U	N04	E85	.996	11933	27.5	10D	-N	1	C		.41			DE	7
3 STATIONS REPORTING GROUP 44916. 5 STATIONS OBSERVING AND NOT REPORTING.																			
GRP44916	21	0830	0908	0837	S11	E09	.268	11930	22.0	38	-F				.20			2 2 2	8
ARCE	21	0830E	0845D	0837	S11	E08	.259	11930	22.0	15D	-F		C	0837	.09	.10			
CAPS	21	0830E	0908D		S10	E10	.265	11930	22.1	38D	-N	2	V	0838	.30	.30	(188)		
44916	21	0852	0913	0855	S05	E07	.168	11930	21.9	21	*-F				.26			2 2 2	8
ARCE	21	0850E	0925D		S06	E07	.181	11930	21.9	35D	-F		C	0900	.15	.20			
TEHR	21	0853	0901	0855	S03	E07	.147	11930	21.9	8	-N	3	V		.36			F H	

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hg	MAX. INT. %	
GRP44973 TEHR ATHN	1972 JUN 25	0332	0345	0338	S06	W51	.783	11930	21.3	13	-B			.39				2 2 2 5
	25	0332	0344	0335	S05	W49	.760	11930	21.5	12	-B	4	V	.28				DE H
	25	0340E	0346	0340U	S06	W52	.794	11930	21.3	60	-N	1	V	.50				DE
975 HTPR	25	0551	0600	0557	S09	E62	.889	11936	29.9	9	-F		C	0557	.41	1.00		D 8
GRP44977 HTPR ABST	25	0628	0657	0638	S11	W52	.802	11930	21.4	29	-F			.83				2 2 2 7
	25	0622	0647	0635	S10	W53	.811	11930	21.3	25	-F		C	0635	.31	.50		E
	25	0634	0706	0640	S11	W51	.792	11930	21.4	32	1F		P	0640	1.35	2.30		EZ
GRP44981 CAPS RAMY	25	1205	1251	1217	N14	W62	.886	11928	20.9	46	-F			.48				2 2 2 9
	25	1157E	1320D		N15	W60	.870	11928	21.0	83D	-F	3	V	1220	.50	1.10	(158)	
	25	1213	1222	1217	N13	W63	.893	11928	20.8	9	-F	3	C		.46			DE
982 CAPS	25	1232E	1250D		N09	E14	.267	11933	26.6	18D	-N	3	V	1239	.25	.30		9
983 CAPS	25	1347E	1445D		N10	W58	.849	11928	21.2	58D	-N	3	V	1358	.20	.40		9
984 ATHN	25	1531E	1545	1533	S07	W59	.862	11930	21.2	14D	-F	2	V		.33			DE 7
986 ONDR	25	1652E	1657	1654	S06	W54	.814	11930	21.7	5D	-F		V	1654		2.00		CD 7
988 RAMY	25	1900E	1912D		N11	E75	.965	11939	31.4	12D	-F	2	V					DE 3
993 RAMY	26	1109E	1112D	1109U	N10	E02	.139	11933	26.6	3D	-F	2	V		.36			DE 8
994 RAMY	26	1509	1520		S13	E80	.987	11940	1.6	11	-N	3	C					DE 8
995 RAMY	26	1746	1757D	1748	N09	E01	.118	11933	26.8	11D	-F	3	C		.93			DE 6
998 ABST	27	0706	0737	0710	S11	W59	.868	11930	22.9	31	1F		C	0710	1.26	2.40		E 6
002 CAPS	27	0917E	0952D		S14	E90	1.000	11940	3.1	35D	-N	2	V					9
003 CAPS	27	0937E	0957D		N06	E55	.819	11939	31.5	20D	-N	2	V	0937	.30	.60	(161)	C 9
004 CAPS	27	1006E	1022D		S12	W58	.861	11930	23.1	16D	-N	2	S	1006	.50	1.00	(171)	C 5
005 ATHN	27	1008	1017	1010	S10	E75	.969	11940	2.0	9	-F	2	C		.33			DE 6
GRP45007 HUAN CAPS	27	1224	1227	1224	N08	W11	.213	11933	26.7	3	-F			.21				2 2 1 9
	27	1223	1227	1224	N09	W13	.251	11933	26.5	4	-F	1	C	1224	.21	.21		D
	27	1224	1227D		N07	W09	.175	11933	26.8	30	-N	2	V					
008 ARCE	27	1303E	1332D		S10	W60	.875	11930	23.0	29D	-F		C	1317	.38	.80		10
009 ARCE	27	1303E	1349D		N08	W14	.259	11933	26.5	46D	-F		C	1332	.15	.20		11
GRP45010 RAMY HUAN	27	1336	1347	1340	S11	W60	.876	11930	23.1	11	-F			.34				2 2 2 12
	27	1334	1350	1340	S10	W60	.875	11930	23.1	16	-F	3	C		.41			DE
	27	1338	1343	1339	S12	W60	.877	11930	23.1	5	-F	1	C	1339	.26	.52		D
019 ABST	28	0523	0532D	0529	N04	E51	.776	11939	1.0	9D	-F		P	0529	.90	1.40		OZ 4
021 HTPR	28	0732	0800	0745	N05	E49	.754	11939	1.0	28	-F		C	0745	.21	.30		EH 7
023 MONT	28	0817	0824	0818	N07	E40	.644	11939	31.3	7	-F		C	0818	.05			9
GRP45026 RAMY ARCE	28	1305	1324	1308	N03	E37	.601	11939	1.3	19	-F			.93				2 1 1 11
	28	1305	1324	1308	N03	E37	.601	11939	31.3	19	-F	3	V		.93			F
	28	1313E	1400D		N06	E46	.719	11939	1.0	47D	-N		C	1322	.12	.20		
027 RAMY	28	1726E	1748	1728	N05	E43	.682	11939	1.0	22D	-F	3	V		.28			DE 6
028 BOUL	28	1836	1852	1837	S09	W80	.986	11930	22.8	16	-F	3	V					3
029 RAMY	28	1956E	1958D	1956U	N05	E42	.669	11939	1.0	2D	-F	2	V		.37			DE 3
033 PALE	29	0026E	0034	0027U	S10	W84	.995	11930	22.7	8D	-F	2	V		.46			F 3
035 MANI	29	0402	0425	0408	N08	E30	.505	11939	31.4	23	-F	2	C		.31			5
036 TEHR	29	0446E	0451D	0446U	N07	E29	.488	11939	31.4	5D	-N	2	V		.19			F 4
037 TEHR	29	0517E	0518D	0517U	N08	W34	.563	11933	26.7	1D	-N	2	V		.19			DE 5
039 HTPR	29	0700	0707	0702	N08	E28	.475	11939	31.4	7	-F		C	0702	.21	.20		5
041 ARCE	29	0953E	0956D		N08	E27	.460	11939	31.4	3D	-N		C	0956	.09	.10		6

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OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS		
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION				CMP DAY	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha		MAX. INT. %	
	1972 JUN																		
042 CATA	29	1125E	1230	1155	S11	W90	1.000	11930	22.7	65D	-F	P	1155	.52			(140)	8	
043 CAPS	29	1138E	1202D		N10	E30	.510	11939	31.7	24D	-N	1 V	1138	.30	.40		(188)	C	6
047 MCMA	29	1519	1540D	1522	S12	W90	1.000	11930	22.9	21D	-N	C	1522					X	5
048 ATHN	29	1631E	1647	1634	N06	E24	.409	11939	31.5	16D	-N	2 V		.50				DE	4
049 PALE	29	1858E	1904	1859U	S10	W03	.224	11936	29.6	6D	-F	3 V		.26				F	4
050 TACH	30	0338E	0405	0348	S11	W90	1.000	11930	23.4	27D	1N	V	0350			2.54	63	BE	7
051 TEHR	30	0415	0421	0417	N10	E18	.330	11939	31.5	6	-N	4 V		.09				DE	5
052 HTPR	30	0655	0725	0708	S10	W05	.236	11936	29.9	30	-F	C	0708	.21	.20			E	9
GRP45054	30	1155	1225	1205	N09	E14	.263	11939	1.5	30	-N			.26				2 2 2	7
CATA	30	1155	1225D	1205	N09	E14	.263	11939	31.5	30D	-N	P	1205	.29	.30		(170)		
ARCE	30	1200E	1210D		N09	E14	.263	11939	31.5	10D	-N	C	1200	.23	.23				
GRP45055	30	1206	1318	(1252)	N09	E14	.263	11939	1.6	72	-F			.15				2 2 1	7
UPIC	30	1206E	1318D		N08	E14	.257	11939	31.6	72D	-F	P							
ARCE	30	1247E	1305D		N10	E13	.256	11939	31.5	18D	-F	C	1252	.15	.20				
057 RAMY	30	1625E	1640	1627U	N05	E04	.080	11939	31.0	15D	-F	3 V		.62				DE	4

"Remarks":

- A = Eruptive prominence, base at >90°.
- B = Probably the end of a more important flare.
- C = Invisible 10 minutes before.
- D = Brilliant point.
- E = Two or more brilliant points.
- F = Several eruptive centers.
- G = No spots visible in the neighborhood.
- H = Flare with high velocity dark surge.
- I = Very extensive active region.
- J = Plage with flare shows marked intensity variations.
- K = Several intensity maxima.
- L = Filaments show effects of sudden activation.
- M = White-light flare.

- N = Continuous spectrum shows effects of polarization.
- O = Observations have been made in the calcium II lines H or K.
- P = Flare shows helium D₃ in emission.
- Q = Flare shows the Balmer continuum in emission.
- R = Marked asymmetry in H α line.
- S = Brightening follows disappearance of filament (same position).
- T = Region active all day.
- U = Close and somewhat parallel bright filaments (|| or Y shape).
- V = Occurrence of an explosive phase.
- W = Great increase in area after time of maximum intensity.
- X = Unusually wide H α emission.
- Y = Onset of a system of loop-type prominences.
- Z = Major sunspot umbra covered by flare.

Note:
A line of explanation has been added before each flare event having more than one maxima. The total number of stations reporting some part of the event is given. The number of stations observing at the time of the principal maximum but not reporting the event is given in the second statement. Care should be exercised in utilizing the numbers in the remarks column. The first number is the number of stations reporting the individual maximum, and not the total number of stations reporting some part of the flare event. The last number is the number of stations reporting at the time of the individual maximum and not necessarily the total number of stations observing during the flare event. GRP numbers may appear several times in order to indicate secondary maxima. An asterisk beside an importance indicates a secondary maximum. The word "GRP" has also been omitted to aid in pointing to this condition.
When it is impossible to determine the time of Maximum Phase from the individual reports the time of Area Measurements is used. This time appears in parentheses. For Flares reported by only one station the last 3 digits of the group number appear to the left of the station code.