Hα SOLAR FLARES

MARCH 1976

OBSERVATORY	OBSERVED UT				LOCATION					DURATION	IMPORTANCE	OBS.		MEASUREMENTS			REMARKS
	DATE MAR	START	MAX. PHASE	END	APPROX LAT.	APPROX MER. DIST.	CENTRAL DISTANCE	McMATH PLAGE REGION	CMP. DAY	MIN.		COND	TYPE	TIME UT	MEAS. AREA Mill of Disk	CORR AREA Sq. Deg.	
	02	1650	1737	NO FLARE PATROL													
	02	1748	1807	NO FLARE PATROL													
	02	1828	1910	NO FLARE PATROL													
	02	1937	1944	NO FLARE PATROL													
	02	1956	2059	NO FLARE PATROL													
	02	2114	2220	NO FLARE PATROL													
	03	0508	0510	NO FLARE PATROL													
	03	1735	1742	NO FLARE PATROL													
	03	1751	1830	NO FLARE PATROL													
	03	1842	1909	NO FLARE PATROL													
	03	1921	1936	NO FLARE PATROL													
	03	1953	1959	NO FLARE PATROL													
	03	2004	2040	NO FLARE PATROL													
	03	2051	2105	NO FLARE PATROL													
	03	2109	2126	NO FLARE PATROL													
	03	2129	2135	NO FLARE PATROL													
	04	1632	1657	NO FLARE PATROL													
	04	1810	1814	NO FLARE PATROL													
	04	1820	2220	NO FLARE PATROL													
	06	0658	0703	NO FLARE PATROL													
	06	0712	0729	NO FLARE PATROL													
	06	0858	0902	NO FLARE PATROL													
	06	0930	0950	NO FLARE PATROL													
	06	1002	1026	NO FLARE PATROL													
	06	1030	1034	NO FLARE PATROL													
	06	1044	1058	NO FLARE PATROL													
GRP63167	07	0634	0637+2	0653	S04	W51	.775	14118	3.4	19	-F				70	1.1	DJK
ABST	07	0634	0639	0701	S04	W52	.786	14118	3.4	27	-F		C	0639	87	1.4	DJK
CULG	07	0637E	0637U	0645	S05	W50	.763	14118	3.5	8D	-F		P	0637	50	.8	
168 ABST	07	0740	0744	0810	S04	W50	.764	14118	3.6	30	-F		C	0744	131	1.9	E
169 ARCE	07	0939	0941	0943	S05	E52	.785	14116	11.3	4	-F		C	0941	27	.5	H
170 ABST	08	0710	0716	0725	S04	W60	.864	14118	3.8	15	-F		C	0716	87	1.7	EK
171 BOUL	08	2201	2215	2240	S33	E42	.727	14120	12.1	39	-F	2	C	2215	42	.6	
172 ABST	09	0729	0731	0745	S34	E40	.714	14120	12.3	16	-F		C	0731	44	.6	DJ
173 BOUL	09	2055	2057	2103	S04	W82	.989	14118	3.7	8	-F	2	C	2057	10	.4	
174 ABST	11	0641	0644	0700	S33	E14	.483	14120	12.3	19	-F		C	0644	87	1.0	D
	11	2146	2153	NO FLARE PATROL													
	11	2207	2215	NO FLARE PATROL													
	12	0457	0458	NO FLARE PATROL													
175 ABST	13	1044E	1046	1056D	S34	W15	.503	14120	12.3	12D	-F		P	1046	87	1.0	E
	13	1210	1218	NO FLARE PATROL													
	13	1258	1348	NO FLARE PATROL													
	13	1451	1510	NO FLARE PATROL													
	13	1646	1713	NO FLARE PATROL													
	13	1731	1920	NO FLARE PATROL													
GRP63176	14	1830+6	1836+3	1848	S34	W31	.632	14120	12.4	18	-N				40	.5	
RAMY	14	1830	1839	1848	S35	W31	.640	14120	12.4	18	-N	4	C		41		DE
BOUL	14	1832	1839	1848	S35	W31	.640	14120	12.4	16	-N	1	C	1839	42	.5	
RAMY	14	1833E	1839	1848	S34	W30	.623	14120	12.5	15D	-N	4	V		48		DE
PALE	14	1836	1836	1846	S34	W33	.650	14120	12.3	10	-F	3	C		29		
	15	0820	0842	NO FLARE PATROL													
177 CULG	16	0156	0158	0203	S35	W49	.797	14120	12.4	7	-F		C	0158	30	.5	
GRP63178	16	0908E	0923	1030D	N05	E41	.678	14127	19.5	82	-N						E
KHAR	16	0908E		1030D	N06	E42	.694	14127	19.5	82D	-F		C		90	1.3	E
KHAR	16	0908E		1030D	N04	E43	.699	14127	19.6	82D	-F						
KHAR	16	0923E	0923	0930D	N05	E40	.666	14127	19.4	7D	-N		C		100	1.5	D
179 KHAR	16	1120E		1200D	N07	E41	.685	14127	19.5	40D	-F		C		100	1.5	DH
	16	1258	1310	NO FLARE PATROL													
180 HTPR	17	1442	1444	1447	N06	E26	.486	14127	19.6	5	-F		C	1444	10	.1	

Note: Although these flare listings give all reported events, not all possible brightenings are reported. Thresholds of reporting vary from observatory to observatory.

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION	IMPORTANCE	OBS		MEASUREMENTS			REMARKS
	DATE 1976 MAR	START	MAX PHASE	END	APPROX LAT.	APPROX MER. DIST.	CENTRAL DISTANCE	McMATH PLAGE REGION	CMP. DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Mill of Disk	CORR AREA Sq. Deg.	
181 HTPR	17	1558	1603	1628	N06	E25	.472	14127	19.5	30	-F		C	1603	30	.3	E
GRP63182	17	1748	1753 1800	1805D	S07	E28	.466	14134	19.8	17	-F						
BOUL	17	1748	1753	1803D	S08	E28	.466	14134	19.8	15D	-F	2	P	1753	21	.2	
RAMY	17	1753E	1800	1805D	S07	E28	.466	14134	19.8	12D	-F	4	C		45		
183 MCMA	17	1814E		1820D	S07	E27	.451	14134	19.8	6D	-F		P	1814	20	.2	D
184 MCMA	17	1833E		1833D	N05	E22	.424	14127	19.4		-F		P	1833	30	.3	DH
185 MCMA	17	1922E		1940D	N05	E24	.452	14127	19.6	18D	-F		P	1938	40	.4	E
186 MCMA	17	2004		2008D	N05	E25	.465	14127	19.7	4D	-F		P	2008	50	.5	E
187 HTPR	18	0642	0646	0657	N06	E18	.378	14127	19.6	15	-F		C	0646	20	.2	E
188 HTPR	18	0702	0715	0739	N06	E17	.365	14127	19.6	37	-F		C	0715	20	.2	E
GRP63189	18	1104	1107+1	1117	N06	E11	.294	14127	19.3	13	-F				45	.5	
RAMY	18	1104	1108	1116	N06	E11	.294	14127	19.3	12	-F	3	C		36		DE
RAMY	18	1106E	1107U	1117D	N06	E12	.305	14127	19.4	11D	-F	3	V		48		DE
GRP63190	18	1411+1	1412+2	1425	N06	E10	.284	14127	19.3	14	-F				30	.3	FH
RAMY	18	1411	1414	1424	N06	E09	.274	14127	19.3	13	-F	4	C		45		F H
HTPR	18	1412	1413	1425	N06	E10	.284	14127	19.3	13	-F		C	1413	20	.2	E
RAMY	18	1412E	1412U	1418D	N06	E10	.284	14127	19.3	6D	-F	4	V		32		F H
191 RAMY	18	1521E	1522	1526	N05	E11	.281	14127	19.5	5D	-F	4	V		90		F
192 HTPR	18	1535	1536	1544	N06	E10	.284	14127	19.4	9	-F		C	1536	10	.1	E
193 RAMY	18	1718E	1723	1732	N05	E10	.270	14127	19.5	14D	-F	4	C		72		F
194 RAMY	18	1833	1835	1836D	N04	E09	.247	14127	19.4	5D	-F	4	C		45		F
	18	1838	1920	NO FLARE PATROL													
	18	1932	2140	NO FLARE PATROL													
195 MANI	19	0042E	0042	0049	N04	E03	.199	14127	19.3	7D	-F	3	P	0042	20	.2	H
196 ABST	19	0651E	0651	0700D	N07	E02	.246	14127	19.4	9D	-N		P	0651	87	.9	D
197 ARCE	19	0945E		0958	N04	W02	.195	14127	19.3	13D	-F		C	0945	34	.4	
198 HTPR	19	1245	1248	1253	N05	W07	.241	14127	19.0	8	-F		C	1248	10		
199 HTPR	19	1310	1311	1318	N05	W09	.260	14127	18.9	8	-F		C	1311	20		
200 ATHN	20	0754E	0754U	0803	N03	W18	.352	14127	19.0	9D	-N	4	C		19		DE
201 ATHN	20	1003	1005	1019	N03	W19	.366	14127	19.0	16	-N	4	C		48		DE H
202 ATHN	20	1246	1247	1254	N04	W20	.388	14127	19.0	8	-F	4	C		48		DE
203 HTPR	20	1356	1400	1408	N05	W20	.396	14127	19.1	12	-F		C	1400	20		E
204 HTPR	20	1425		1429	N03	W20	.380	14127	19.1	4	-F		C	1428	30		E
GRP63205	20	1435	1438 1453	1456	N03	W20	.380	14127	19.1	21	-F				50	.5	R
ATHN	20	1435	1438	1456	N04	W20	.388	14127	19.1	21	-N	3	C		32		DE
HTPR	20	1436E		1457	N03	W20	.380	14127	19.1	21D	-F		C	1436	20		E
RAMY	20	1449E	1453	1456	N04	W21	.402	14127	19.0	7D	-F	3	C		40		F R
CATA	20	1450E	1450	1450D	N02	W21	.388	14127	19.0		-N	1		1450	56	.6	
	20	1744	1750	NO FLARE PATROL													
206 BOUL	20	1752	1757	1815	N02	W22	.403	14127	19.1	23	-N	2	C	1757	32	.3	
207 BOUL	20	1840	1849	1903	N05	W21	.410	14127	19.2	23	-F	2	C	1849	42	.5	
208 BOUL	20	2006	2018	2039	N18	W22	.547		19.2	33	-F	2	C	2018	32	.3	
209 CULG	20	2132	2134	2138	N04	W25	.458	14127	19.0	6	-F		C	2134	20	.2	

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION	IMPORTANCE	OBS.		MEASUREMENTS			REMARKS
	DATE 1976 MAR	START	MAX PHASE	END	APPROX LAT.	APPROX MER. DIST.	CENTRAL DISTANCE	McMATH PLAGE REGION	CMP. DAY	MIN.		COND	TYPE	TIME UT	MEAS. AREA Mill. of Disk	CORR AREA Sq. Deg.	
GRP63210	20	2144+7	2152+3	2216	N03	W24	.438	14127	19.1	32	-N				60	.7	
CULG	20	2144	2152	2215	N03	W25	.452	14127	19.0	31	-F		C	2152	50	.5	
BOUL	20	2146	2153	2222	N02	W25	.447	14127	19.0	36	-N	2	C	2153	64	.7	
RAMY	20	2151	2155	2201D	N04	W23	.430	14127	19.2	10D	-N	3	V		90		FDE
RAMY	20	2151	2155	2216	N03	W24	.438	14127	19.1	25	-N	2	C		56		FDE
	20	2247	2254	NO FLARE PATROL													
211 CULG	21	0040	0043	0105	S07	W13	.223	14134	20.1	25	-F		C	0043	50	.5	
GRP63212	21	0128+2	0140+3	0202	N03	W26	.467	14127	19.1	34	-N				110	1.2	DHU
PALE	21	0128	01413	0207D	N04	W23	.430	14127	19.3	39D	-B	3	C		147		U H
CULG	21	0129	0143	0157	N02	W27	.476	14127	19.0	28	-N		C	0143	60	.7	
MITK	21	0130	0141	0154	N04	W26	.472	14127	19.1	24	-B		C	0141	110	1.3	D
KODA	21	0140E	0140	0208	N04	W28	.501	14127	19.0	28D	-N		V	0155	144	1.5	DH
213 MITK	21	0203	0206	0215	N02	W27	.476	14127	19.1	12	-N		C	0206	110	1.3	D
GRP63214	21	0502	0505	0532	N04	W26	.472	14127	19.3	30	-N						FH
ATHN	21	0502	0505	0532	N04	W27	.487	14127	19.2	30	-N	3	C		48		F H
MANI	21	0514E	0514U	0525D	N04	W26	.472	14127	19.3	11D	-N	1	P	0514	50	.6	F
215 CULG	21	0651	0653	0658	N04	W26	.472	14127	19.3	7	-F		C	0653	20	.2	
GRP63216	21	0750	0800+5	0835	N04	W29	.515	14127	19.2	45	1B						HKU
KODA	21	0750	0805	0900	N04	W31	.542	14127	19.0	70	1B		V	0750			CEH
ATHN	21	0756E	0800	0835	N04	W28	.501	14127	19.2	39D	-B	4	C		159		U
ARCE	21	0801E		0835	N04	W28	.501	14127	19.2	34D	1N		C	0809	251	3.0	KFT
GRP63217	21	0949	0951	1004	N04	W26	.472	14127	19.5	15	-N						F
ATHN	21	0949	0951	1004	N04	W23	.430	14127	19.7	15	-N	3	C		64		F
ARCE	21	0950E		0958D	N04	W30	.529	14127	19.2	8D	-N		F	0958	43	.5	
GRP63218	21	1016E		1032D	N03	W31	.538	14127	19.1	16	-F				30	.4	E
HTPR	21	1016E		1032D	N02	W31	.533	14127	19.1	16D	-F		C	1016	20		
UPIC	21	1022E		1025U	N03	W33	.565	14127	19.0	3D	-F		P	1022	41		
HTPR	21	1030		1032D	N04	W28	.501	14127	19.3	2D	-F		C	1031	20		E
	21	1111	1130	NO FLARE PATROL													
	21	1135	1230	NO FLARE PATROL													
	21	1232	1238	NO FLARE PATROL													
	21	1241	1306	NO FLARE PATROL													
GRP63219	21	1306E	1310	1323D	N03	W33	.565	14127	19.1	17	-N				110	1.3	
ABST	21	1306E	1310	1310D	N03	W35	.593	14127	18.9	4D	-N		P	1310	131	1.6	D
HTPR	21	1310E		1323D	N03	W32	.552	14127	19.1	13D	-B		C	1310	100	1.1	E
	21	1323	1325	NO FLARE PATROL													
GRP63220	21	1357+1	1405	1447	N06	W28	.512	14127	19.5	50	-F				20	.2	
			1413														
ZURI	21	1357	1413	1447	N07	W29	.532	14127	19.4	50	-F		C	1413	71	.9	
BOUL	21	1358	1405	1412D	N05	W29	.520	14127	19.4	14D	-F	1	P	1405	21	.2	
HTPR	21	1408		1413D	N06	W27	.499	14127	19.6	5D	-F		C	1410	10		
221 ZURI	21	1513	1515	1517	N03	W35	.593	14127	19.0	4	-N		C	1515	122	1.6	
222 HTPR	21	1558	1558	1609	N03	W28	.495	14127	19.6	11	-F		C	1558	20		E
	21	1759	1823	NO FLARE PATROL													
GRP63223	21	1829+9	1845+2	1924	N03	W34	.579	14127	19.2	55	-B				110	1.3	HU
PALE	21	1829	1845	1917	N04	W32	.556	14127	19.4	48	-B	3	C		180		U H
BOUL	21	1838	1847	1930	N01	W36	.599	14127	19.1	52	-B	1	P	1847	149	1.9	
RAMY	21	1843E	1845	1847D	N03	W35	.593	14127	19.2	4D	-B	3	V		78		FDE
RAMY	21	1843E	1845	1847D	N03	W35	.593	14127	19.2	4D	-B	3	C		78		FDE
224 PALE	21	1930	1931U	1935D	N05	W31	.547	14127	19.5	5D	-F	3	C		21		
	21	2148	2203	NO FLARE PATROL													
GRP63225	21	2228+3	2231+4	2255	N03	W37	.619	14127	19.2	27	-N				60	.8	E
BOUL	21	2228	2231	2245D	N02	W37	.616	14127	19.2	17D	-N	1	P	2233	42	.5	
CULG	21	2230	2234	2255	N03	W38	.632	14127	19.1	25	-F		C	2234	40	.5	
PALE	21	2231	2234	2236D	N04	W35	.597	14127	19.3	5D	-N	2	C		90		DE
VORO	21	2231	2235	2313	N03	W38	.632	14127	19.1	42	1N		C	2235	170	2.2	E

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	DATE 1976 MAR	START	MAX. PHASE	END	APPROX LAT.	APPROX MER. DIST.	CENTRAL DISTANCE	McMATH PLAGE REGION	CMP. DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Mill of Disk	CORR AREA Sq. Deg	
GRP63226	21	2259+0	2301+1	2308	N04	W36	.610	14127	19.3	9	-N				40	.5	D
VORO	21	2259	2302	2308D	N06	W36	.619	14127	19.3	9D	-B		C	2302	116	1.5	D
BOUL	21	2259	2301	2310	N03	W35	.593	14127	19.3	11	-F	1	C	2301	42	.5	
CULG	21	2301E	2302	2307	N04	W36	.610	14127	19.3	6D	-F		P	2302	40	.5	
227 VORO	21	2353	2354	2358	N02	W42	.680	14127	18.8	5	-B		C	2354	54	.8	D
228 MANI	22	0121E	0125U	0127D	N04	W41	.674	14127	19.0	6D	-F	2	P	0125	40	.6	F
GRP63229	22	0427E	0428+3	0436	N03	W41	.671	14127	19.1	9	-N						E
CULG	22	0427E	0428	0431D	N02	W42	.680	14127	19.0	4D	-N		P	0428	50	.7	
KODA	22	0430E	0431	0436	N05	W41	.677	14127	19.1	6D	-N		V	0430			E
230 ABST	22	0646	0649	0653	N07	W39	.661	14127	19.4	7	-F		C	0649	70	.9	D
GRP63231	22	0800>9	0806	0830	N03	W43	.695	14127	19.1	30	-N				110	1.5	
			0812+3														
ZURI	22	0800	0812	0814D	N02	W43	.693	14127	19.1	14D	-B		P	0812	122	1.7	
ABST	22	0802	0806	0830	N04	W44	.710	14127	19.0	28	-N		C	0806	87	1.3	D
BUCA	22	0809		0905	N02	W42	.680	14127	19.2	56	-B		C	0814	107	1.5	
KODA	22	0812	0815	0824	N05	W43	.702	14127	19.1	12	-N		V	0812			E
232 ABST	22	0832	0842	0912	N07	W45	.732	14127	19.0	40	-F		C	0842	131	1.9	JKZ
GRP63233	22	2156	2203	2237	N03	W51	.787	14127	19.1	41	-N				90	1.5	EU
PALE	22	2156	2203	2221	N04	W48	.756	14127	19.3	25	-N	3	C		102		U
CULG	22	2212E	2212	2228D	N03	W53	.807	14127	19.0	16D	-N		P	2212	60	1.0	
BOUL	22	2213E	2213E	2245	N03	W52	.797	14127	19.0	32D	-N	2	P	2213	85	1.4	
VORO	22	2217E		2254	N04	W53	.809	14127	19.0	37D	1N		C	2218	125	2.2	E
GRP63234	23	0114	0119	0135	N02	W54	.815	14127	19.0	21	-N				60	1.0	D
CULG	23	0114	0119	0147	N03	W55	.827	14127	18.9	33	-F		C	0119	40	.7	
VORO	23	0115E		0133	N02	W54	.815	14127	19.0	18D	-B		C	0117	99	1.7	D
MITK	23	0124		0135	N02	W54	.815	14127	19.0	11	-F		C	0124	60	1.1	D
235 MITK	23	0616		0628	N02	W57	.844	14127	19.0	12	-N		C	0616	90	1.7	D
236 TEHR	23	0837	0839	0841	S05	E90	1.000	14143	30.1	4	-B	3	C		80		
GRP63237	23	0907+1	0915+0	0945	S07	E90	1.000	14143	30.1	38	-N				30		
TEHR	23	0907	0915	0945	S06	E90	1.000	14143	30.1	38	-N	3	C		35		
HTPR	23	0908	0915	0935	S07	E90	1.000	14143	30.1	27	-N		C	0915	20		
UPIC	23	0917E		1046D	S09	E90	1.000	14143	30.1	89D	1B		P	0932			
238 HTPR	23	1027		1033D	N04	W58	.856	14127	19.1	6D	-F		C	1029	20	.3	
	23	1057	1104	NO FLARE PATROL													
239 HTPR	23	1539		1544D	N04	W61	.882	14127	19.1	5D	-F		C	1541	10	.2	
240 MCMA	23	1718	1721	1730	N03	W64	.904	14127	18.9	12	-N		C	1721	40	1.0	OH
241 BOUL	23	2237	2238	2258	S00	W65	.908	14127	19.1	21	-F	2	C	2238	21	.5	
GRP63242	24	0011+6	0018+2	0043	N02	W66	.917	14127	19.1	32	1N				90		
BOUL	24	0011	0020	0027D	N01	W66	.916	14127	19.1	16D	1B	2	C	0020	85	2.1	
VORO	24	0015	0018	0041	N02	W67	.924	14127	19.0	26	1N		C	0018	197	5.0	E
MANI	24	0017	0019	0036D	N02	W67	.924	14127	19.0	19D	1N	3	P	0019	100	2.1	
MITK	24	0017	0020	0045	N02	W65	.910	14127	19.1	28	-B		C	0020	90	1.8	D
243 MANI	24	0515E	0515U	0516D	N02	W71	.948	14127	18.9	1D	-F	3	P	0515	10	.2	
244 HTPR	24	0914		0939D	N07	W70	.947	14127	19.1	25D	-F		C	0928	20	.4	E
245 HTPR	24	1021	1022	1025	N03	W70	.943	14127	19.2	4	-F		C	1022	10	.2	
246 HTPR	24	1032	1034	1040	N07	W70	.947	14127	19.2	8	-F		C	1034	10	.2	
	24	1146	1157	NO FLARE PATROL													
247 HTPR	24	1209	1211	1221	N07	W72	.957	14127	19.1	12	-F		C	1211	20	.2	
GRP63248	24	1334+2	1340+3	1346	S09	E83	.990	14143	30.8	12	-F				70		E
ZURI	24	1334	1340	1344	S11	E85	.994	14143	30.9	10	-F		C	1340	81		
HTPR	24	1336	1343	1348	S08	E82	.988	14143	30.7	12	-N		C	1343	70		E
249 HTPR	24	1433	1438	1444	S08	E81	.985	14143	30.7	11	-N		C	1438	30		E

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION	IMPORTANCE	OBS.		MEASUREMENTS			REMARKS
	DATE 1976 MAR	START	MAX PHASE	END	APPROX LAT.	APPROX MER. DIST.	CENTRAL DISTANCE	McMATH PLAGE REGION	CMP. DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Mill. of Disk	CORR AREA Sq. Deg.	
250 ZURI	24	1502	1506	1508	S11	E85	.994	14143	31.0	6	-F		C	1506	51		
251 MCMA	24	1900	1903	1913	S11	E85	.994	14143	31.2	13	-F		C	1903			E
252 BOUL	24	2028	2032	2048	S11	E77	.970	14143	30.5	20	-F	1	C	2032	21	.7	
253 MANI	25	0019	0023	0025	N04	W80	.987	14127	19.0	6	-F	2	C	0023	30	.8	
	25	0500	0544	NO FLARE PATROL													
GRP63254	25	0612+2	0615+1	0621	S06	E83	.991	14143	31.5	9	-F						D
ABST	25	0612	0616	0622	S05	E88	.999	14143	31.9	10	1F		P	0616	87		D
MANI	25	0614	0615	0619	S08	E78	.975	14143	31.1	5	-F	2	C	0615	30	.8	
255 ATHN	25	0703	0704	0709	N03	W88	1.000	14127	18.7	6	-N	2		0704			
256 MANI	25	0704	0707	0714	S05	E76	.968	14143	31.0	10	-F	2	C	0707	40	1.0	
257 HTPR	25	0725E		0744	S06	E73	.954	14143	30.8	19D	-F		C	0728	20	.5	
258 HTPR	25	0822	0825	0838	S08	E73	.954	14143	30.8	16	-F		C	0825	20	.5	
GRP63259	25	0914+8	0926+1	0941	S06	E74	.959	14143	30.9	27	-F				45		E
HTPR	25	0914	0926	0942	S05	E72	.949	14143	30.8	28	-F		C	0926	30	.7	E
MONT	25	0922	0927	0939	S07	E76	.967	14143	31.1	17	-N		C	0927	60		E
GRP63260	25	1154+5	1201+5	1229	S06	E75	.963	14143	31.1	35	-N				40		FHKW
MONT	25	1154	1201	1219	S07	E75	.963	14143	31.1	25	-F		C	1201	40		
ATHN	25	1159	1202	1229D	S06	E74	.959	14143	31.0	30D	-N	2		1202	33	1.3	
MCMA	25	1203E	1206	1300D	S06	E75	.963	14143	31.1	57D	1B		C	1226	100	2.4	FHKTW
MCMA	25	1203E		1300D	S06	E75	.963	14143	31.1	57D	1B		C	1206	60		
MCMA	25	1203E		1300D	S06	E75	.963	14143	31.1	57D	1B		C	1246	120		
GRP63261	25	1305+5	1325+4	1430	S05	E69	.931	14143	30.7	85	1N				120		FHLWX
MCMA	25	1305	1325	1430	S05	E71	.943	14143	30.9	85	1B		C	1325	125	3.7	FHLWX
CATA	25	1310	1320	1320D	S06	E68	.924	14143	30.6	10D	1N	1		1320	168		
BOUL	25	1322E	1329	1343D	S05	E67	.918	14143	30.6	21D	1N	1	C	1329	96	2.4	
ATHN	25	1326E	1326	1414D	S05	E72	.949	14143	31.0	48D	-N	2		1326	82	3.3	
GRP63262	25	1636	1649	1830D	S05	E68	.925	14143	30.8	114	-N						HK
MCMA	25	1636	1649	1830D	S05	E68	.925	14143	30.8	114D	-N		C	1649	60	1.8	HK
MCMA	25	1636		1830D	S05	E68	.925	14143	30.8	114D	-N		C	1701			
263 MCMA	25	1909	1917	1924	S05	E67	.918	14143	30.8	15	-N		C	1917	40	1.0	DH
264 MCMA	25	2039	2041	2053	S05	E67	.918	14143	30.9	14	-F		C	2041	40	1.0	E
	25	2244	2259	NO FLARE PATROL													
265 MANI	25	2310E	2312U	2318D	S07	E67	.917	14143	31.0	8D	-F	2	V	2312	40	.8	
266 MANI	26	0001	0004	0011	S05	E64	.896	14143	30.8	10	-F	3	P	0004	30	.6	
267 KODA	26	0144	0154	0212	S05	E62	.880	14143	30.7	28	-N		V	0144			DH
268 KODA	26	0233	0250	0337	S05	E67	.918	14143	31.1	64	-B		V	0233			DH
GRP63269	26	0656+3	0658+2	0711	S05	E61	.872	14143	30.9	15	-N						DJZ
ABST	26	0656	0658	0712	S03	E62	.882	14143	30.9	16	1F		P	0658	131	2.8	JZ
HTPR	26	0659	0700	0710	S07	E60	.862	14143	30.8	11	-N		C	0700	10	.2	D
GRP63270	26	0715+4	0717 0721+2	0739	S06	E65	.903	14143	31.2	24	-B						DHJZ
MANI	26	0715	0717	0720	S08	E59	.852	14143	30.7	5	-F	3	P	0717	20	.4	
ABST	26	0718	0721	0742	S03	E70	.938	14143	31.6	24	2N		C	0721	131		DJZ
HTPR	26	0719	0721	0803	S08	E65	.902	14143	31.2	44	-B		C	0721	50	1.0	
MANI	26	0721	0723	0735	S06	E64	.895	14143	31.1	14	-B	3	P	0723	100	2.0	
KODA	26	0725E	0725	0730	S05	E65	.904	14143	31.2	5D	-B		V	0725			DH
271 HTPR	26	0758	0759	0807	S08	E60	.861	14143	30.8	9	-N		C	0759	10	.2	D
GRP63272	26	0830+3	0837+3 0855	0858	S09	E59	.852	14143	30.8	28	-N						EH
HTPR	26	0830	0838	0855	S10	E60	.860	14143	30.9	25	-N		C	0838	30	.6	
MONT	26	0831	0837	0858	S08	E60	.861	14143	30.9	27	-B		C	0837	150		E
MANI	26	0833	0840	0858	S08	E58	.843	14143	30.7	25	-N			0840	90	1.6	
MANI	26	0833	0836	0858	S08	E58	.843	14143	30.7	25	-F	3	V	0836	30	.5	H
HTPR	26	0839	0855	0930D	S13	E57	.833	14143	30.6	51D	-F		C	0855	20	.4	

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION	IMPORTANCE	OBS		MEASUREMENTS			REMARKS
	DATE 1976 MAR	START	MAX PHASE	END	APPROX LAT.	APPROX MER. DIST.	CENTRAL DISTANCE	McMATH PLAGE REGION	CMR DAY	MIN.		COND	TYPE	TIME UT	MEAS. AREA Mill of Disk	CORR AREA Sq Deg	
273 HTPR	26	0932	0934	0941	S04	E64	.897	14143	31.2	9	-F		C	0934	30	.6	
274 MONT	26	1139	1141	1150	S04	E61	.873	14143	31.1	11	-F		C	1141	20		
GRP63275	26	1334+5	1341+4 1356+3	1401	S04	E61	.873	14143	31.1	27	-F				60	1.2	U
HTPR	26	1334	1345	1405	S06	E62	.879	14143	31.2	31	-N		C	1345	20	.4	
MONT	26	1336	1341	1354	S04	E60	.864	14143	31.1	18	-F		C	1341	40		E
RAMY	26	1338	1356	1403	S03	E60	.865	14143	31.1	25	-F	4	C		72		U F
ZURI	26	1339	1343	1401	S04	E63	.889	14143	31.3	22	-F		C	1343	82	1.9	
LOCA	26	1348E	1348	1355D	S03	E60	.865	14143	31.1	7D	-N		S	1348	82	1.7	
RAMY	26	1356E	1359	1409D	S03	E59	.856	14143	31.0	13D	-F	4	V		36		DE
GRP63276	26	1439+2	1441+6	1455	S08	E62	.878	14143	31.3	16	-N				80	1.7	FH
RAMY	26	1439	1447	1504	S08	E61	.870	14143	31.2	25	-B	4	C		108		F H
HTPR	26	1441	1443	1455	S08	E62	.878	14143	31.3	14	-N		C	1443	60	1.2	
ZURI	26	1441	1441	1453	S07	E62	.879	14143	31.3	12	-N		C	1441	61	1.3	
	26	1900	1910	NO FLARE PATROL													
277 BOUL	26	1944	1947	1958	S08	W26	.435	14147	24.9	14	-F	2	C	1946	10	.1	
278 MANI	26	2300E	2303	2311	S07	E51	.773	14143	30.8	11D	-F	3	P	2303	80	1.3	
GRP63279	27	0201+0	0204+0	0218	S07	E54	.805	14143	31.1	17	-N				90	1.5	
PALE	27	0201	0204	0222	S07	E51	.773	14143	30.9	21	-N	3	C		106		DE
MANI	27	0201	0204	0213	S08	E58	.843	14143	31.4	12	-N	3	P	0204	80	1.4	F
GRP63280	27	0318+6	0320+2 0328	0337	S07	E50	.762	14143	30.9	19	-N				100	1.6	HU
MANI	27	0318	0320	0333	S07	E48	.739	14143	30.7	15	-N	3	P	0320	100	1.5	F
PALE	27	0318	0322	0337	S07	E50	.762	14143	30.9	19	-N	2	C		101		U
KODA	27	0324	0328	0343	S07	E52	.784	14143	31.0	19	-B		V	0324			EH
281 MANI	27	0518	0522	0526	S07	E56	.825	14143	31.4	8	-F	3	P	0522	80	1.4	F
282 MANI	27	0550	0602	0610	S10	E48	.738	14143	30.8	20	-F	2	P	0602	20	.3	F
GRP63283	27	0626+3	0631+2	0641	S07	E52	.784	14143	31.2	15	-N				80	1.3	J
ABST	27	0626E	0632	0642	S04	E52	.786	14143	31.2	16D	-F		P	0632	87	1.5	EJ
MANI	27	0628E	0631	0640	S08	E52	.783	14143	31.2	12D	-N	3	P	0631	60	1.0	F
ATHN	27	0629	0631	0642	S10	E51	.772	14143	31.1	13	-N	3	C		80		F
MITK	27	0629	0633	0640	S08	E53	.794	14143	31.2	11	-N		C	0633	110	1.8	D
GRP63284	27	0720+3	0726+2	0738	S06	E53	.795	14143	31.3	18	-N				90	1.5	
MITK	27	0720	0727	0733	S05	E52	.785	14143	31.2	18	-B		C	0727	110	1.8	D
BUCA	27	0723	0728	0744	S07	E54	.805	14143	31.4	21	-N		C	0728	75	1.2	
MANI	27	0726E	0726U	0730	S06	E53	.795	14143	31.3	4D	-F	3	P	0726	80	1.3	F
GRP63285	27	1156+8	1206+9	1230	S10	E49	.749	14143	31.2	34	1N				140	2.1	U
HTPR	27	1156	1206	1240	S10	E49	.749	14143	31.2	44	-N		C	1206	120	1.7	
ATHN	27	1202	1208	1222	S10	E47	.726	14143	31.0	20	-B	3	C		95		U F
UPIC	27	1204	1211	1220U	S17	E48	.742	14143	31.1	16D	1N		P	1211	306		
CATA	27	1210E	1210	1215D	S08	E48	.738	14143	31.1	5D	1B	2		1210	168	2.6	
RAMY	27	1211E	1215U	1230D	S06	E50	.762	14143	31.3	19D	-N	3	V		120		FDE
RAMY	27	1225E	1225U	1230D	S11	E50	.761	14143	31.3	5D	-N	3	C		108		FDE
GRP63286	27	1428>9	1439+4	1455	S05	E48	.740	14143	31.2	27	-F				50	.7	
HTPR	27	1428	1440	1455	S05	E49	.752	14143	31.3	27	-F		C	1440	30	.4	
BOUL	27	1429	1439	1500	S06	E47	.728	14143	31.1	31	-N	2	C	1439	42	.6	
RAMY	27	1438	1441U	1451	S05	E47	.729	14143	31.1	13	-F	4	C		63		DE
RAMY	27	1440E	1443U	1450D	S04	E48	.741	14143	31.2	10D	-F	4	V		60		DE
287 BOUL	27	1803	1805	1824	S06	E46	.716	14143	31.2	21	-F	2	C	1805	21	.3	
288 BOUL	27	1938	1944	2000	S09	E46	.714	14143	31.3	22	-F	2	C	1944	21	.3	
GRP63289	27	2043	2048+0	2108	S07	E42	.665	14143	31.1	25	-N				60	.8	
RAMY	27	2043	2048	2108	S08	E42	.665	14143	31.0	25	-N	4	C		63		FDE
RAMY	27	2044E	2048	2108	S07	E42	.665	14143	31.0	24D	-N	4	V		64		FDE
GRP63290	27	2327+1	2331 2337+2	2357	S07	E43	.678	14143	31.2	30	-N						J
VORO	27	2327	2331	2334	S04	E44	.693	14143	31.3	7	1N		C	2331	179	2.5	EJ
CULG	27	2328	2339	2357	S07	E44	.690	14143	31.3	29	-N		C	2339	30	.4	
MANI	27	2333E	2337	2339D	S10	E42	.665	14143	31.1	6D	-F	2	P	2337	80	1.1	F
MANI	27	2353E	2355U	0000	S08	E43	.677	14143	31.2	7D	-F	2	P	2355	50	.7	F

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OBSERVATORY	OBSERVED UT DATE 1976 MAR	START	MAX PHASE	END	LOCATION APPROX LAT.	MER. DIST.	CENTRAL DISTANCE	McMATH PLAGE REGION	CMP. DAY	DURATION MIN	IMPORTANCE	OBS. COND	TYPE	MEASUREMENTS TIME UT	MEAS. AREA Mill. of Disk	CORR AREA Sq. Deg.	REMARKS
291 VORO	28	0003E		0024D	S08	E44	.690	14143	31.3	21D	-B		P	0011	143	2.0	E
292 MANI	28	0202	0204U	0215	N05	W45	.724	14146	24.7	13	-F	2	P	0204	30	.5	H
293 MANI	28	0357E	0403	0412	N06	W46	.739	14146	24.7	15D	-F	3	P	0403	30	.5	
GRP63294	28	0546+9	0556+9	0613	S07	E37	.598	14143	31.0	27	-B						FHJ
ABST	28	0546E	0558	0615	S05	E42	.667	14143	31.4	29D	-F		P	0558	44	.5	D
ABST	28	0548E	0556	0610D	S06	E34	.556	14143	30.8	22D	-N		P	0556	218	2.6	FJ
CULG	28	0551	0558	0610	S09	E34	.555	14143	30.8	19	-N		C	0558	60	.7	
MANI	28	0555	0558	0608D	S07	E34	.556	14143	30.8	13D	-B	3	P	0558	120	1.5	FH
KODA	28	0600E	0605	0611	S07	E42	.665	14143	31.4	11D	-B		P	0608	166	1.7	D
ATHN	28	0601E	0601	0605D	S06	E37	.599	14143	31.0	4D	-B	2		0601	98	2.1	
TEHR	28	0604E	0604U	0615	S09	E37	.598	14143	31.0	11D	-B	3	C		94		F H
GRP63295	28	0638>9	0652+0	0709	N06	W48	.761	14146	24.7	31	-F				40	.6	F
ABST	28	0638E	0652	0716D	N07	W49	.775	14146	24.6	38D	-F		P	0652	35	.6	F
MANI	28	0649	0652U	0701	N06	W48	.761	14146	24.7	12	-F	3	P	0652	40	.6	F
GRP63296	28	0922+8	0933 0946	1002	S08	E31	.511	14143	30.7	40	-N						F
ARCE	28	0922E		1002D	S08	E31	.511	14143	30.7	40D	1N		C	0947	208	2.5	F
HTPR	28	0928	0946	1004D	S09	E31	.512	14143	30.7	36D	-N		C	0946	30	.4	
ATHN	28	0930	0933	0947	S08	E32	.526	14143	30.8	17	-N	2		0933	66	1.4	
297 HTPR	28	1110	1120	1130	S08	E32	.526	14143	30.9	20	-N		C	1120	30	.3	E
GRP63298	28	1234+1	1237+2	1252	S06	E37	.599	14143	31.3	18	-B				60	.8	E
HTPR	28	1234	1237	1252	S07	E36	.584	14143	31.2	18	-B		C	1237	70	.8	E
MEUD	28	1235	1238	1247	S06	E36	.585	14143	31.2	12	-N		C	1238	70	.9	
MCMA	28	1235	1239	1300	S05	E38	.613	14143	31.4	25	-B		C	1239	50	.7	E
GRP63299	28	1342+1	1344+1	1353	S06	E37	.599	14143	31.3	11	-F				20	.3	D
HTPR	28	1342	1344	1353D	S07	E36	.584	14143	31.3	11D	-F		C	1344	10	.1	
MCMA	28	1343	1345	1353	S05	E38	.613	14143	31.4	10	-N		C	1345	25	.3	D
GRP63300	28	1534+4	1539+4	1555	S06	E27	.452	14143	30.7	21	-F				30	.3	
HTPR	28	1534	1539	1550	S06	E26	.436	14143	30.6	16	-F		C	1539	20	.2	E
RAMY	28	1535E	1540U	1545D	S07	E29	.482	14143	30.8	10D	-F	4	V		27		DE
MCMA	28	1538	1543	1600	S05	E26	.437	14143	30.6	22	-N		C	1543	25	.3	D
GRP63301	28	1623+2	1627+1	1632	N07	W52	.806	14146	24.8	9	-F				25	.4	DH
HTPR	28	1623	1627	1631	N07	W52	.806	14146	24.8	8	-F		C	1627	20	.3	
MEUD	28	1625	1628	1632	N07	W53	.815	14146	24.7	7	-F		C	1628	30	.5	DH
302 HTPR	28	1625	1631	1634	S06	E25	.420	14143	30.6	9	-F		C	1631	10	.1	
GRP63303	28	1738+1	1743+2	1805	S07	E27	.451	14143	30.8	27	-N				80	.9	
RAMY	28	1738	1743	1803	S07	E26	.435	14143	30.7	25	-N	4	C		80		FDE
MCMA	28	1739	1745	1825	S06	E26	.436	14143	30.7	46	-B		C	1745	100	1.2	F
RAMY	28	1742E	1745	1805D	S07	E28	.466	14143	30.8	23D	-N	4	V		64		FDE
GRP63304	28	1834+7	1843+2	1855	S07	E26	.435	14143	30.7	21	-N				60	.7	
RAMY	28	1834	1843	1853	S08	E26	.435	14143	30.7	19	-N	4	C		45		FDE
MCMA	28	1841	1845	1903	S05	E25	.421	14143	30.7	22	-N		C	1845	50	.6	E
RAMY	28	1842E	1844	1855D	S08	E26	.435	14143	30.7	13D	-N	4	V		80		FDE
GRP63305	28	1905E	1921+0 1932	2021D	S07	E28	.466	14143	30.9	76	1B				260	2.9	FLUXZ
RAMY	28	1905E	1921U	2017D	S07	E28	.466	14143	30.9	72D	1B	4	C		250		Z U
RAMY	28	1905E	1921D	1921D	S07	E28	.466	14143	30.9	16D	1B	4	V		250		Z U
RAMY	28	1912	1932	2021D	S07	E28	.466	14143	30.9	69D	1B	4	C		234		Z U
MCMA	28	1915	1940	2000D	S06	E27	.452	14143	30.8	45D	1B		C	1940	300	3.5	FLUXZ
PALE	28	1915	1929D	1929D	S07	E28	.466	14143	30.9	14D	1B	3	V		307		Z U
PALE	28	1915	1929D	1929D	S07	E28	.466	14143	30.9	14D	1B	3	C		235		Z U
GRP63306	28	2058	2100+1	2110	S07	E23	.388	14143	30.6	12	-N				60	.7	
RAMY	28	2058	2100	2109	S07	E23	.388	14143	30.6	11	-N	4	C		56		DE
RAMY	28	2059E	2101	2110D	S07	E23	.388	14143	30.6	11D	-N	4	V		64		DE
307 RAMY	28	2148	2157	2209	S05	E32	.528	14143	31.3	21	-F	4	C		45		
308 CULG	29	0415	0432	0447	S11	E19	.330	14143	30.6	32	-F		C	0432	40	.4	
GRP63309	29	0523E	0523+1	0537	S06	E19	.324	14143	30.6	14	-N				70	.7	F
CULG	29	0523E	0523	0550	S06	E20	.340	14143	30.7	27D	-N		P	0523	60	.6	
MANI	29	0523E	0524U	0524	S07	E19	.323	14143	30.6	1D	-N	2	V	0524	80	.9	F

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION	IMPORTANCE	OBS		MEASUREMENTS			REMARKS
	DATE 1976 MAR	START	MAX PHASE	END	APPROX LAT.	APPROX MER DIST	CENTRAL DISTANCE	McMATH PLAGE REGION	CMP DAY	MIN		COND	TYPE	TIME UT	MEAS AREA Mill of Disk	CORR AREA Sq Deg	
310 HTPR	29	0800	0802	0810	N06	W63	.900	14146	24.6	10	-F		C	0802	20	.4	
GRP63311	29	0825>9	0840+0	0854	N06	W63	.900	14146	24.6	29	-F				20	.5	D
ARCE	29	0825	0840	0900	N06	W62	.892	14146	24.7	35	-F		C	0840	24	.5	D
HTPR	29	0837	0840	0848	N06	W64	.907	14146	24.6	11	-F		C	0840	20	.4	
GRP63312	29	0908+1	0910+1	0918	S06	E17	.291	14143	30.7	10	-F				30	.3	EL
HTPR	29	0908	0910	0915	S06	E18	.307	14143	30.7	7	-F		C	0910	20	.2	E
WEND	29	0908		0927	S06	E16	.274	14143	30.6	19	1N		V		300		L
MONT	29	0909	0911	0918	S07	E17	.290	14143	30.7	9	-F		C	0911	40		
313 MONT	29	0910	0913	0921	N07	W61	.886	14146	24.8	11	-F		C	0913	20		
314 ZURI	29	0942	0946	1004	N05	W62	.891	14146	24.8	22	-N		C	0946	71	1.7	
GRP63315	29	1040+5	1047+4	1114	S10	E23	.391	14143	31.2	34	-N				80	.9	EH
ZURI	29	1040	1050	1134	S12	E24	.411	14143	31.2	54	1N		C	1050	224	2.5	
HTPR	29	1042	1047	1122	S09	E23	.389	14143	31.2	40	-N		C	1047	60	.7	E
MONT	29	1043	1047	1117D	S11	E24	.408	14143	31.2	34D	-N		C	1047	110		E
RAMY	29	1043	1047	1057	S08	E20	.340	14143	30.9	14	-N	3	C		45		F
MEUD	29	1045	1049	1120	S10	E24	.406	14143	31.2	35	-F		C	1049	110	1.2	E
RAMY	29	1049E	1051	1057	S10	E22	.375	14143	31.1	8D	-F	3	V		48		H
GRP63316	29	1152>9	1221	1232	S09	E26	.436	14143	31.4	40	-F						EL
WEND	29	1152E		1240D	S11	E27	.454	14143	31.5	48D	1F		V		300		EL
HTPR	29	1218	1221	1224	S08	E25	.420	14143	31.4	6	-F		C	1221	70	.8	E
GRP63317	29	1237+3	1240+3	1253	S07	E16	.274	14143	30.7	16	-N				80	.8	
HTPR	29	1228	1240	1301	S07	E15	.257	14143	30.6	33	-N		C	1240	80	.8	E
MONT	29	1237	1240	1253	S08	E16	.274	14143	30.7	16	-8		C	1240	70		D
ZURI	29	1238	1240	1252	S08	E16	.274	14143	30.7	14	-N		C	1240	122	1.3	
MEUD	29	1240	1243	1253	S07	E16	.274	14143	30.7	13	-F		C	1243	60	.6	
318 HTPR	29	1329	1343	1410	S09	E23	.389	14143	31.3	41	-F		C	1343	20	.2	E
GRP63319	29	1701+3	1711+0	1717	S07	E17	.290	14143	31.0	16	-F				40	.4	
RAMY	29	1701	1711	1717	S07	E16	.274	14143	30.9	16	-F	3	C		36		FDE
HTPR	29	1704		1706D	S08	E18	.307	14143	31.1	2D	-F		C	1706	20	.2	E
RAMY	29	1710E	1711	1717	S07	E18	.307	14143	31.1	7D	-F	3	V		48		DE
GRP63320	29	1751	1754 1803	1808	S11	E21	.361	14143	31.3	17	-F						H
RAMY	29	1751	1754	1807	S11	E20	.346	14143	31.2	16	-F	3	C		63		DE H
RAMY	29	1759E	1803	1808D	S11	E22	.377	14143	31.4	9D	-F	3	V		60		DE H
	29	2048	2110	NO FLARE PATROL													
	29	2145	2202	NO FLARE PATROL													
	29	2205	2212	NO FLARE PATROL													
GRP63321	30	0353E	0401	0415	S09	E14	.243	14143	31.2	22	-N						D
CULG	30	0353E	0401	0417	S12	E15	.271	14143	31.3	24D	-N		P	0401	40	.4	
KODA	30	0403E	0403	0412	S07	E13	.223	14143	31.1	9D	-8		V	0403			D
322 MANI	30	0531E	0533U	0539	S07	E06	.104	14143	30.7	8D	-F	2	V	0533	60	.6	
323 ARCE	30	0910E		0953D	N07	W81	.990	14146	24.3	43D	?F		C	0925	34		
	IMP.1	NO	ZURI2	MONT2													
GRP63324	30	1023+0	1024 1041	1057	S08	E06	.106	14143	30.9	34	-F						E
ZURI	30	1023	1049	1057D	S08	E06	.106	14143	30.9	34D	-F		F	1049	190	2.0	
KHAR	30	1023E	1024	1025D	S09	E06	.111	14143	30.9	2D	-F		C				D
KHAR	30	1027E		1153D	S06	E08	.139	14143	31.0	86D	-F		C				D
MONT	30	1037	1041	1050	S08	E04	.073	14143	30.7	13	-F		C	1041	40		E
GRP63325	30	1138+1	1141+1	1151	S07	E05	.087	14143	30.9	13	-F				40	.4	
MONT	30	1138	1141	1156	S08	E04	.073	14143	30.8	18	-F		C	1141	40		
RAMY	30	1139E	1141U	1151	S07	E05	.087	14143	30.9	12D	-F	4	V		48		DE
RAMY	30	1139	1142	1151	S07	E05	.087	14143	30.9	12	-F	4	C		36		
326 ZURI	30	1250	1250	1252	S08	E07	.123	14143	31.1	2	-N		C	1250	122	1.3	
GRP63327	30	1322+8	1332+3	1339	S08	E07	.123	14143	31.1	17	-F						
ZURI	30	1322	1332	1336	S08	E07	.123	14143	31.1	14	-N		C	1332	143	1.5	
BOUL	30	1329E	1334	1339	S08	E07	.123	14143	31.1	10D	-F	1	P	1334	42	.4	
LOCA	30	1330	1335	1345	S09	E06	.111	14143	31.0	15	1F		V	1335	224	2.3	

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION	IMPORTANCE	OBS.		MEASUREMENTS			REMARKS
	DATE 1976 MAR	START	MAX PHASE	END	APPROX LAT.	APPROX MER. DIST.	CENTRAL DISTANCE	McMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Mill. of Disk	CORR AREA Sq. Deg	
GRP63328	30	2100+6	2106+5	2116	S10	E05	.104	14143	31.2	16	-N				30	.3	D
CULG	30	2100	2106	2118	S12	E05	.127	14143	31.3	18	-N		C	2106	30	.3	
PALE	30	2101	2106	2112	S06	E03	.053	14143	31.1	11	-N	3	C		21		DE
RAMY	30	2101	2108	2115	S11	E05	.115	14143	31.3	14	-F	4	C		27		DE
MCMA	30	2106	2109	2117	S11	E06	.128	14143	31.3	11	-N		C	2109	20	.2	D
RAMY	30	2110E	2111U	2115	S10	E05	.104	14143	31.3	5D	-F	3	V		30		DE
GRP63329	30	2138+2	2142+1	2151	S11	00	.076	14143	30.9	13	-F				35	.4	L
CULG	30	2128	2142	2158	S12	E00	.093	14143	30.9	30	-N		C	2142	20	.2	
MCMA	30	2138	2143	2154	S11	E00	.076	14143	30.9	16	-N		C	2143	25	.3	DL
RAMY	30	2140	2143	2147	S10	E01	.061	14143	31.0	7	-F	2	V		45		FDE
RAMY	30	2140	2142	2147	S10	E01	.061	14143	31.0	7	-F	3	C		36		FDE
330 VORO	31	0104	0105	0110	S11	W02	.084	14143	30.9	6	-		V	0105	63	.6	DL
GRP63331	31	0155>9	0158+1 0206	0208	S09	E01	.045	14143	31.2	13	-F				60	.6	EHL
VORO	31	0155	0159D	0203D	S08	E02	.042	14143	31.2	8D	1		S	0159	314	3.2	EL
MANI	31	0156	0158	0207	S09	E02	.054	14143	31.2	11	-F	3	V	0158	40	.4	
PALE	31	0159	0159	0208D	S08	W03	.057	14143	30.9	9D	-F	3	C		63		HDE
CULG	31	0206	0206	0213	S12	E03	.107	14143	31.3	7	-F		P	0206	20	.2	
	31	0411	0416	NO FLARE PATROL													
332 MANI	31	0424E	0424U	0429D	N07	W90	1.000	14146	24.4	5D	-F	2	V	0424	50	1.7	
GRP63333	31	0424E	0424	0442	S11	W04	.103	14143	30.9	18	-F				40	.4	F
MANI	31	0424E	0424U	0429D	S11	W04	.103	14143	30.9	5D	-F	2	V	0424	50	.5	F
CULG	31	0426E	0426	0442	S12	W04	.116	14143	30.9	16D	-F		P	0426	30	.3	
GRP63334	31	0453	0458+2	0527	S07	W03	.052	14143	31.0	34	-N				80	.8	EHU
CULG	31	0453	0458	0507	S08	W04	.073	14143	30.9	14	-N		P	0458	70	.7	
ATHN	31	0456E	0458U	0527	S07	W03	.052	14143	31.0	31D	-N	1	C		80		U H
ABST	31	0457E	0500	0506D	S07	W03	.052	14143	31.0	9D	-N		P	0500	174	1.8	E
TACH	31	0506E		0540	S06	W04	.070	14143	30.9	34D	1N		P	0506	265	2.7	BEH
GRP63335	31	0703+2	0704+2	0714	S09	W01	.045	14143	31.2	11	-F						EJ
ABST	31	0703E	0704	0712	S09	W01	.045	14143	31.2	9D	-F		P	0704	131	1.3	EJ
CATA	31	0705E	0705	0715	S10	W01	.062	14143	31.2	10D	-N	1		0705	56	.6	
ATHN	31	0705	0706	0709	S09	W01	.045	14143	31.2	4	-N			0706	5		
UPIC	31	0706E	0706U	0715	S09	W01	.045	14143	31.2	9D	1F		P	0706	286		
336 MONT	31	0816	0819	0826	N05	W90	1.000	14146	24.6	10	-F		C	0819	20		D
337 MONT	31	0843	0847	0903	N05	W90	1.000	14146	24.6	20	-F		C	0847	20		D
338 MONT	31	0855	0857	0900	S10	W04	.091	14143	31.1	5	-F		C	0857	20		D
GRP63339	31	0946+4	1002+3	1013	S12	W07	.152	14143	30.9	27	-F						
ZURI	31	0946	1002	1018	S12	W07	.152	14143	30.9	32	-F		C	1002	183	1.9	
CATA	31	0950	1005	1005D	S12	W07	.152	14143	30.9	15D	-F	1		1005	112	1.2	
MONT	31	1001	1002	1007	S11	W08	.157	14143	30.8	6	-F		C	1002	40		
GRP63340	31	1053+0	1053+1	1059	S10	W03	.079	14143	31.2	6	-F				20	.2	D
ATHN	31	1053	1054	1057	S10	W03	.079	14143	31.2	4	-F			1054	20		
MONT	31	1053	1053	1101	S10	W03	.079	14143	31.2	8	-F		C	1053	20		D
GRP63341	31	1138+8	1200+0 1225>9	1350	S07	W09	.155	14143	30.8	132	1N						AFLU
ZURI	31	1138	1142	1148	S07	W09	.155	14143	30.8	10	1F		C	1142	326	3.4	
CATA	31	1140	1200	1400D	S08	W10	.174	14143	30.7	140D	1N	2		1200	224	2.4	
ATHN	31	1144	1200	1347	S07	W12	.207	14143	30.6	123	-N	3	C		95		F
MONT	31	1146	1210	1210D	S07	W10	.173	14143	30.7	24D	1N		C	1210	300		
ZURI	31	1150	1235	1320	S07	W10	.173	14143	30.7	90	2B		C	1235	611	6.4	
NEUO	31	1154	1225	1310	S05	W08	.141	14143	30.9	76	1N		C	1225	350	3.5	BA
RAMY	31	1202E	1202U	1440D	S06	W09	.156	14143	30.8	158D	1N	4	C		256		U F
RAMY	31	1202E	1202U	1212D	S06	W09	.156	14143	30.8	10D	-N	4	V		192		U
TEHR	31	1204E		1245D	S06	W09	.156	14143	30.8	41D	-N	3	V		190		U
WEND	31	1218E		1545	S09	W09	.160	14143	30.8	207D	2N		P		700		LU
ZURI	31	1339	1340	1344	S12	W07	.152	14143	31.0	5	-F		C	1340	82	.8	
GRP63342	31	1356	1357	1407	S08	W09	.157	14143	30.9	11	-F						
ZURI	31	1356	1357	1404	S12	W07	.152	14143	31.1	8	-F		C	1357	51	.5	
UPIC	31	1400E		1409	S05	W11	.192	14143	30.8	9D	-N		P	1400	122		

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION	IMPORTANCE	OBS.		MEASUREMENTS			REMARKS
	DATE MAR	START	MAX. PHASE	END	APPROX LAT.	APPROX MER. DIST.	CENTRAL DISTANCE	McMATH PLAGE REGION	CMP. DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Mill. of Disk	CORR AREA Sq. Deg.	
GRP63343	31	1437+0	1438+0	1442	S10	W05	.104	14143	31.2	5	-N						
ZURI	31	1437	1438	1442	S10	W05	.104	14143	31.2	5	-N		C	1438	122	1.3	
BOUL	31	1437	1438	1445	S10	W04	.091	14143	31.3	8	-F	1	C	1438	21	.2	
UPIC	31	1438E		1442	S10	W05	.104	14143	31.2	4D	1N		P	1438	204		
GRP63344	31	1445+0	1449+0	1508	S11	W08	.157	14143	31.0	23	-F						
BOUL	31	1445	1449	1508	S11	W08	.157	14143	31.0	23	-F	1	C	1445	64	.6	
ZURI	31	1445	1449	1508	S12	W09	.180	14143	30.9	23	-N		C	1449	143	1.5	
GRP63345	31	1830	1835	1905	S10	W12	.214	14143	30.9	35	-N				45	.5	
BOUL	31	1830	1835	1905	S11	W12	.219	14143	30.9	35	-N	2	C	1835	64	.7	
RAMY	31	1840E	1840U	1845D	S10	W13	.230	14143	30.8	5D	-F	3	V		30		
GRP63346	31	2127	2134+1 2141	2146	S06	W08	.139	14143	31.3	19	-F				35	.4	
BOUL	31	2127	2135	2148	S09	W08	.144	14143	31.3	21	-F	*	C	2135	53	.5	
CULG	31	2134E	2134	2145	S01	W08	.169	14143	31.3	11D	-F	*	P	2134	20	.2	
RAMY	31	2140E	2141U	2146D	S07	W07	.121	14143	31.4	6D	-F	*	V		27		DE

"Remarks":

A = Eruptive prominence whose base is less than 90° from central meridian.
B = Probably the end of a more important flare.
C = Invisible 10 minutes before.
D = Brilliant point.
E = Two or more brilliant points.
F = Several eruptive centers.
G = No visible spots in the neighborhood.
H = Flare accompanied by a high speed dark filament.
I = Active region very extended.
J = Distinct variations of plage intensity before or after the flare.
K = Several intensity maxima.
L = Existing filaments show signs of sudden activity.
M = White-light flare.
N = Continuous spectrum shows effects of polarization.
O = Observations have been made in the calcium II lines H and K.
P = Flare shows helium D_3 in emission.
Q = Flare shows the Balmer continuum in emission.
R = Marked asymmetry in Hα line suggests ejection of high velocity material.
S = Brightness follows disappearance of filament (same position).
T = Region active all day.
U = Two bright branches, parallel (||) or converging (Y).
V = Occurrence of an explosive phase: important and abrupt expansion in about a minute with or without important intensity increase.
W = Great increase in area after time of maximum intensity.
X = Unusually wide Hα line.
Y = System of loop-type prominences.
Z = Major sunspot umbra covered by flare.

DAILY FLARE INDICES
Includes all Flares

Date	Flare Index	HR OBS	Date	Flare Index	HR. OBS.	Date	Flare Index	HR. OBS.
760302	0.00	19.9	760313	3.79	20.5	760322	18.26	24.0
760303	0.00	21.2	760314	.84	24.0	760323	8.50	23.9
760304	0.00	19.5	760315	0.00	23.6	760324	14.46	23.8
760306	0.00	22.5	760316	5.72	23.8	760325	17.96	23.0
760307	6.39	24.0	760317	25.54	24.0	760326	20.06	23.8
760308	2.74	24.0	760318	36.79	21.2	760327	40.27	24.0
760309	2.74	24.0	760319	26.39	24.0	760328	71.10	24.0
760311	3.38	23.8	760320	46.92	23.8	760329	34.52	23.2
760312	0.00	24.0	760321	89.71	21.6	760330	28.35	24.0
						760331	73.07	23.9

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