

SOLAR FLARES
Confirmed
MARCH 1972

OBSERVATORY	OBSERVED UT				LOCATION					DURATION	IM-POR-TANCE	OBS. COND.	OBS. TYPE	MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MC MATH PLAGE REGION	OMP DAY					MIN.	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	
	1972																		
	MAR																		
	01	0000	0005		NO FLARE PATROL														
925 TEHR	01	0611E	0614	U	N20	E15	.514	11764	2.4	30	-N	1	C					D	3
926 HTPR	01	0741	0746	0741	S08	E20	.339	11760	2.8	5	--F		C	0741	.10	.10			3
927 HTPR	01	0828	0840	0834	N12	E75	.974	11766	7.0	12	--F		C	0834	.21				4
928 HTPR	01	0931	0954	0942	N10	W25	.504	11759	28.5	23	--F		C	0942	.31	.30			2
GRP42929	01	1304	1315	1307	N15	E75	.977	11766	7.2	11	--F		C		.39			3	3
HTPR	01	1303	1315	1307	N13	E75	.975	11766	7.2	12	-N		C	1307	.31				3
RANY	01	1304	1314	1307	N12	E74	.970	11766	7.1	10	-F	3	C		.28				4
CAPS	01	1308E	1315D		N19	E75	.979	11766	7.2	7D	-F	2	V	1309	.58		157		
GRP42933	01	1615	1624	1619	S07	E86	.996	11769	8.1	9	-F		C					2	2
LOCK	01	1614	1625	1619	S05	E82	.989	11769	7.8	11	-F		C					2	0
HERS	01	1615	1622	1619	S09	E90	1.000	11769	8.4	7	1N		C						4
934 LOCK	01	1914	1935	1920	S14	W75	.960	11751	25.2	21	--F		C						1
GRP42935	01	2051	2109	2056	S04	E84	.994	11769	8.2	18	--N		C		.24			3	3
LOCK	01	2048	2115	2052	S02	E82	.990	11769	8.0	27	-F		C						3
BOUL	01	2053	2105	2055	S07	E84	.993	11769	8.2	12	-B	2	V	2055	.30	1.20			2
HUAN	01	2058E	2108	2102	S04	E85	.995	11769	8.2	10D	-F	1	P	2102	.18				4
GRP42937	02	0438	0445	0439	S08	E82	.988	11769	8.3	7	-B		V	0438	.90			2	2
KODA	02	0438	0446	0439	S08	E78	.975	11769	8.0	8	-B		V	0438	1.19	1.20	3.40		2
CRON	02	0439E	0444	0439	S07	E86	.996	11769	8.6	5D	1N		V	0439	.60				4
GRP42938	02	0513	0540	0526	S08	E09	.156	11760	2.9	27	-N		P		1.51			4	4
CULG	02	0504	0540		S09	E08	.141	11760	2.8	36	1B		V	0528	2.27	2.20			5
CRON	02	0513E	0538		S08	E09	.156	11760	2.9	25D	-F		V		.90			4	4
KODA	02	0521	0545	0525	S09	E09	.158	11760	2.9	24	-B		P	0521	1.31	1.30	1.88		5
MANI	02	0527E	0535	0527	S07	E08	.138	11760	2.8	8D	-F	1	P	0527	1.55	1.56			
	02	0732	0756		NO FLARE PATROL														
GRP42939	02	0816	0827	0819	S07	E82	.988	11769	8.5	11	-B		V		.65			3	3
CRON	02	0815	0828	0817	S07	E81	.986	11769	8.4	13	-N		V	0817	.35				3
CAPS	02	0817E	0828D		S09	E80	.982	11769	8.3	11D	-B	1	V	0819	.68				4
HTPR	02	0817	0825	0820	S06	E85	.995	11769	8.7	8	-B		C	0820	.93				
GRP42941	02	1433	1514	1444	S09	E06	.108	11760	3.1	41	--F		C		.74			5	5
ARCE	02	1430E	1500D	1440	S10	E05	.099	11760	3.0	30D	-N		C	1440	1.07	1.10			7
HUAN	02	1432	1523	1451U	S11	E06	.122	11760	3.1	51	-N	1	C	1451	.35	.35			
MEUD	02	1435E	1505		S07	E03	.052	11760	2.8	30D	-F		C	1443	1.03	1.00			
CANR	02	1435	1516		S08	E06	.104	11760	3.1	41	-F		V	1435	.60				
RANY	02	1440E	1510	1442	S11	E08	.152	11760	3.2	30D	-F	2	C		.65				D
GRP42942	02	1604	1622	1612	S05	E64	.896	11769	7.5	18	--F		C		.23			2	2
MEUD	02	1604	1620		S05	E64	.896	11769	7.5	16	-F		C	1609	.31	.60			4
HUAN	02	1604	1624	1612	S04	E63	.889	11769	7.4	20	-N	1	C	1612	.15	.33			
943 LOCK	02	1657	1706	1700	S18	W84	.991	11751	25.4	9	--F		C						3
GRP42944	02	1759	1807	1803	S07	E72	.948	11769	8.1	8	--N		C		.33			2	2
LOCK	02	1758	1808	1802	S07	E71	.942	11769	8.1	10	-N		C						1
HUAN	02	1759	1806	1803	S06	E73	.953	11769	8.2	7	-N	1	C	1803	.33				3
GRP42945	02	1812	1827	1814	S06	E76	.968	11769	8.5	15	1B		C		1.31			3	3
CANR	02	1811	1824	1813	S06	E74	.958	11769	8.3	13	1B	2	C	1813	1.40				2
LOCK	02	1812	1830	1815	S08	E77	.971	11769	8.5	18	1B		C						3
HUAN	02	1813	1828	1814	S05	E77	.972	11769	8.5	15	1N	1	C	1814	1.22				
GRP42946	02	2203	2358	2215	S09	W01	.035	11760	2.8	115	-N		C		1.80			4	2
LOCK	02	2200	2300	2213	S09	W01	.035	11760	2.8	60	1N		C						1
BOUL	02	2205	2226D	2217U	S09	E00	.031	11760	2.9	21D	-N	1	V	2217					S
CULG	02	2226E	2358		S09	E01	.035	11760	3.0	92D	2B		P	2226	6.39	6.20			L
CRON	02	2237E	2256		S08	W01	.022	11760	2.9	19D	-F		V		1.80				
	03	0048	0104		NO FLARE PATROL														
GRP42947	03	0445	0502	0447	S08	E63	.886	11769	7.9	17	-N		C		.43			3	3
MITK	03	0445	0506	0447	S08	E65	.902	11769	8.1	21	-F		C	0447	.52	1.20			7
TEHR	03	0445	0501	0448	S08	E63	.886	11769	7.9	16	-B	4	C		.37				F
CRON	03	0445	0500	0447	S09	E61	.869	11769	7.8	15	-N		V	0447	.40				
948 TEHR	03	0708	0715D	0713	S06	E59	.853	11769	7.7	7D	-N	4	C		.86				F

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	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY			COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α		MAX. INT. %
					LAT.	MER. DIST.													
1972 MAR																			
GRP42953	03	1036	1052	1040	N09	W50	.792	11759	28.7	16	-N							2 2 1 6	
KHAR	03	1036E	1052D	1040	N11	W49	.789	11759	28.8	16D	1N							DH	
TEHR	03	1042E	1045D		U N07	W51	.797	11759	28.6	3D	-N	3	C	1044	2.04	3.40	2.10	FH	
GRP42954	03	1244	1257	1247	N08	W52	.809	11759	28.6	13	--N							3 3 3 8	
RAMY	03	1244	1256	1247	N08	W52	.809	11759	28.6	12	-F	2	C		.40			D	
MCMA	03	1248E	1255		N07	W52	.807	11759	28.6	7D	-N		P	1248	.36	.60		B	
ARCE	03	1248E	1300D		N08	W52	.809	11759	28.6	12D	-N			1252	.46	.80			
GRP42957	03	1608	1618	1609	S11	E58	.842	11769	8.0	10	--N				.37			6 6 3 6	
CANR	03	1607	1615	1607	S09	E57	.833	11769	7.9	8	-B		V	1607					
LOCK	03	1607	1620	1610	S12	E57	.832	11769	7.9	13	-F		C					D	
RAMY	03	1607E	1608D	1607	S11	E64	.893	11769	8.5	10	-F	3	C		.46				
BOUL	03	1608	1618	1610	S12	E57	.832	11769	7.9	10	-F	2	V	1610					
MCMA	03	1608	1618D	1608	S11	E57	.832	11769	7.9	10D	-N		C	1608	.41	.70		EL	
HUAN	03	1608	1620	1612U	S11	E57	.832	11769	7.9	12	-N	1	P	1612	.23	.41			
GRP42958	03	1636	1653	1642	S11	E49	.749	11769	7.4	17	--N				.55			3 3 2 4	
LOCK	03	1635	1652	1642	S12	E49	.749	11769	7.4	17	-N		C						
HUAN	03	1637	1652	1642	S10	E49	.749	11769	7.4	15	-N	1	C	1642	.48	.73			
MCMA	03	1637	1655	1641	S12	E50	.760	11769	7.4	18	-N		C	1641	.62	1.00		EHR	
GRP42959	03	1818	1836	1826	N08	W56	.847	11759	28.6	18	--F				.21			2 2 1 4	
LOCK	03	1815	1840	1826	N08	W56	.847	11759	28.6	25	-F		C						
MCMA	03	1821	1832	1825	N07	W56	.845	11759	28.6	11	-N		C	1825	.21	.40		DH	
GRP42960	03	1950	2010	1954	S08	W13	.223	11760	2.9	20	--F				.55			3 3 2 4	
BOUL	03	1950	2012	1955	S08	W11	.190	11760	3.0	22	-F	3	V	1955					
HUAN	03	1950	2002	1953	S07	W14	.240	11760	2.8	12	-F	1	C	1953	.38	.39			
MCMA	03	1951	2015	1954	S08	W14	.240	11760	2.8	24	-F		C	1954	.72	.70		EL	
GRP42961	03	2012	2024	2014	S05	E46	.717	11769	7.3	12	--F				.23			3 3 2 4	
LOCK	03	2010	2030	2016	S05	E45	.704	11769	7.2	20	-F		C						
MCMA	03	2013	2020	2014	S05	E46	.717	11769	7.3	7	-F		C	2014	.31	.40		D	
HUAN	03	2013	2022	2013	S04	E46	.718	11769	7.3	9	-N	1	C	2013	.15	.22			
GRP42962	03	2039	2105	2043	S07	W15	.257	11760	2.7	26	--F				.63			2 2 2 4	
MCMA	03	2038	2115	2041	S07	W14	.240	11760	2.8	37	-N		C	2041	.83	.80		E	
HUAN	03	2039	2055	2045U	S07	W15	.257	11760	2.7	16	-F	1	P	2045	.43	.45			
GRP42963	03	2153	2204	2155	S11	E49	.749	11769	7.6	11	-N				.72			4 3 1 4	
RAMY	03	2151	2158	2153	S10	E60	.860	11769	8.4	7	-N	3	C		.74			D	
BOUL	03	2152	2202	2155	S12	E50	.760	11769	7.7	10	-N	2	V	2155					
MCMA	03	2153	2157D	2154	S11	E49	.749	11769	7.6	4D	-N		C	2154	.72	1.10		E	
LOCK	03	2153	2205	2156	S11	E49	.749	11769	7.6	12	-F		C						
964 LOCK	03	2305	2325	2313D	S12	E45	.702	11769	7.3	20	--F		C					3	
GRP42965	03	2314	2333	2319	N07	W58	.862	11759	28.6	19	-N				.86			5 5 4 5	
LOCK	03	2313	2325	2318D	N08	W59	.873	11759	28.5	12	-F		C						
CULG	03	2314	2352	2317	N07	W57	.854	11759	28.7	38	1B		C	2317	1.34	2.60		VR	
VORO	03	2315	2331	2321	N05	W60	.876	11759	28.5	16	-B		C	2321	.37	.70		EJ	
CRON	03	2315E	2331		N10	W56	.851	11759	28.8	16D	-B		V		.60			73	
MANI	03	2321E	2324	2321	N06	W58	.860	11759	28.6	3D	-F	2		2321	1.13	1.99			
GRP42966	04	0015	0059	0031	S13	E44	.690	11769	7.3	44	-F				1.60			2 2 2 4	
MANI	04	0013	0048	0029	S12	E44	.690	11769	7.3	35	-F	2		0029	1.24	1.69			
CULG	04	0016	0110	0033	S13	E43	.678	11769	7.2	54	1N		P	0033	1.96	2.66			
GRP42967	04	0031	0202	0117	S10	W15	.260	11760	2.9	91	1N				2.93			2 2 2 4	
CULG	04	0031	0210	0118	S10	W14	.244	11760	3.0	99	1N		C	0118	2.17	2.20		LU	
VORO	04	0107	0154	0115	S09	W16	.275	11760	2.8	47	1N		C	0115	3.69	4.10		EJL	
GRP42968	04	0234	0310	0237	S11	E44	.689	11769	7.4	36	-B				1.38			5 5 5 5	
CRON	04	0233	0338	0236	S11	E42	.664	11769	7.3	65	-B		V	0236	.80				
CULG	04	0234	0320	0239	S13	E42	.665	11769	7.3	46	1B		C	0239	2.37	3.02		T	
MITK	04	0234	0247	0236	S09	E43	.677	11769	7.3	13	-N		C	0236	.83	1.10			
CULG	04	0234	0320		S09	E52	.782	11769	8.0	46	1B		C						
KODA	04	0235	0255	0236	S12	E46	.714	11769	7.6	20	-B		V	0239	1.86	1.80	2.00	E	
MANI	04	0235E	0301	0237	S12	E43	.677	11769	7.3	26D	-N	2		0237	1.03	1.41			
MITK	04	0235	0257	0238	S13	E43	.678	11769	7.3	22	-F		C	0238	1.24	1.70			
GRP42970	04	0525	0532	0528	S08	W19	.323	11760	2.8	7	--N				.72			3 3 3 5	
MANI	04	0524	0526	0526	S08	W18	.307	11760	2.9	2	-N	2		0526	.83	.86			
TEHR	04	0525	0536	0529	S08	W21	.356	11760	2.7	11	-N	4			.74			F	
CRON	04	0525	0535		S09	W18	.307	11760	2.9	10	-F		V		.60				
971 TEHR	04	0528	0540	0532	N07	W59	.871	11759	28.8	12	--N	4	C		.29			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. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MC MATH PLAGE REGION	CMP DAY					TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %		
1972 MAR																				
972 TEHR	04	0548	0606	0552	N06	W59	.869	11759	28.8	18	--N	3	C		.37					F 4
GRP42974 MANI	04	0718	0734	0722	S08	E56	.824	11769	8.5	16	-N				1.14					5 5 5 6
ABST	04	0718E	0727D	0721	S08	E57	.833	11769	8.6	90	1F	2	P	0721	1.55	2.60				EZ
CRON	04	0718	0731	0721	S09	E56	.823	11769	8.5	13	-N		V	0721	1.00					
CAPS	04	0719E	0736D	0721	S08	E57	.833	11769	8.6	17D	-B	2	P	0720	1.00	1.70		265		C
TEHR	04	0724E	0730	0724	S08	E55	.814	11769	8.4	60	-N	1	C		.37					F
GRP42975 CATA	04	0825	0835	0830	S11	E43	.677	11769	7.6	10	--N				.46					3 3 2 8
ONDR	04	0825	0835	0830	S11	E43	.677	11769	7.6	10	-N		C	0830	.52	.72		202		
ARCE	04	0828E	0835		S12	E41	.652	11769	7.4	7D	-B		V	0829			3.20			CDFI
	04	0830E	0835		S11	E45	.702	11769	7.7	50	-F			0830	.40	.60				
GRP42977 CATA	04	0900	0908	0900	S07	E42	.665	11769	7.5	8	-N				.67					3 3 2 8
ONDR	04	0900E	0910	0900	S07	E42	.665	11769	7.5	5	-B		C	0900	.93	1.25		209		
CRON	04	0900E	0910		S07	E41	.652	11769	7.5	100	-F		V		.40					
ONDR	04	0903E	0908		S04	E40	.642	11769	7.4	50	-N		V	0906			2.30			CDFI
ONDR	04	0909	0914		S09	E47	.726	11769	7.9	5	-F		V	0910			2.10			DFI
GRP42979 WEND	04	0946	1008	0951	S09	E52	.782	11769	8.3	22	1N				2.76					6 6 5 9
ONDR	04	0942	1011		S09	E51	.771	11769	8.2	29	2N		P		6.19					C
CRON	04	0944E	1009	0950	S07	E53	.794	11769	8.4	25D	2N		V	0950			3.80			CFHI
KODA	04	0944E	1003	0950	S09	E50	.760	11769	8.2	19D	-N		V	0950	1.20					
CATA	04	0947E	0955	0950	S07	E56	.824	11769	8.6	80	-F		V	0949	1.72	1.70	1.52			E
KHAR	04	0950	1015D	0955	S08	E50	.761	11769	8.2	25D	-B		P	0955	1.16	1.80		219		EH
	04	0950	1015D		S12	E53	.792	11769	8.4	25D	2N		P	0953	3.51	5.70	1.90			
GRP42980 CRON	04	1007	1023	1011	N09	W65	.919	11759	28.5	16	1F				1.23					3 3 2 8
KHAR	04	1007E	1018D		N10	W64	.914	11759	28.6	11D	-F		V		.40					
ONDR	04	1008E	1035D	1009	N12	W64	.917	11759	28.6	27D	1F		P	1010	2.06	4.50	2.40			DH
	04	1011E	1017	1012	N06	W67	.928	11759	28.4	6D	1N		V	1014			2.20			BE
GRP42981 RAMY	04	1326	1336	1329	S10	E47	.726	11769	8.1	10	1N				.53					3 3 2 5
HUAN	04	1325	1337	1328	S11	E47	.726	11769	8.1	12	-F	3	C		.74					D
ONDR	04	1327	1334	1329	S09	E46	.714	11769	8.0	7	-N	1	C	1329	.31	.43				
	04	1328E	1332D		S09	E48	.738	11769	8.2	4D	2N		V	1330			3.80			CFI
GRP42982 CANR	04	1419	1435	1425	N08	W64	.911	11759	28.8	16	-N				.74					3 3 2 6
ONDR	04	1419	1437		N07	W67	.929	11759	28.6	18	-F		V	1419	.20	.50				
CATA	04	1423E	1432		N07	W62	.895	11759	28.9	9D	1N		V	1425			2.60			
	04	1425E	1430D	1425	N11	W64	.915	11759	28.8	5D	-B		P	1425	1.27			219		
GRP42983 RAMY	04	1555	1613	1559	S11	E44	.689	11769	8.0	18	--F	3	C		.39					2 2 2 4
HUAN	04	1554	1618	1557	S10	E44	.689	11769	8.0	24	-F	3	C		.56					D
	04	1555	1607	1600U	S12	E43	.677	11769	7.9	12	-N	1	C	1600	.21	.28				
985 RAMY	04	1916	1951	1923	S10	W25	.420	11760	2.9	35	--F	3	C		1.95					F 3
986 RAMY	04	1919	1947	1923	S06	E42	.666	11769	8.0	28	--F	3	C		.37					D 3
987 RAMY	04	2016	2020D	2020	S10	E34	.555	11769	7.4	4D	--F	2	C		.37					D 3
988 LOCK	04	2210	2220	2213	S06	E34	.556	11769	7.5	10	--F		C							1
989 LOCK	04	2236	2245	2238	S06	E34	.556	11769	7.5	9	--F		C							3
GRP42990 CULG	05	0147	0217	0153	N07	W75	.971	11759	28.4	30	-N				.61					3 3 3 3
MITK	05	0144	0237	0156	N08	W77	.979	11759	28.3	53	1B		P	0156	.93					
VORO	05	0147	0216	0151	N08	W73	.963	11759	28.6	29	-F		C	0151	.62					
	05	0149	0158	0152	N06	W76	.974	11759	28.4	9	-B		C	0152	.28	.90		66		D
	05	0350	0351		NO FLARE PATROL															
GRP42991 TACH	05	0549	0614	0559	S07	E44	.690	11769	8.5	25	-B				1.20					3 3 3 3
MANI	05	0549	0619	0603	S08	E44	.690	11769	8.5	30	1B		C	0603	1.86	2.61	3.84	93		EZ
CRON	05	0549	0604	0553	S07	E44	.690	11769	8.5	15	-N	2		0553	1.13	1.67				
	05	0550	0618	0600	S07	E45	.703	11769	8.6	28	-B		V	0600	.60					
	3 STATIONS REPORTING GROUP 42992. 2 STATIONS OBSERVING AND NOT REPORTING.																			
GRP42992 ATHN	05	0634	0644	0636	S12	E28	.469	11769	7.4	10	--F				.45					2 2 2 5
CRON	05	0634	0647	0636	S12	E28	.469	11769	7.4	13	-N	1	C		.50					D
	05	0635E	0640		S11	E28	.468	11769	7.4	5D	-F		V		.40					
992 MANI	05	0635E	0637	0637	S12	E44	.690	11769	8.6	2D	*-F	2		0637	.52	.70				3
993 MANI	05	0747E	0754	0750	S07	E43	.678	11769	8.5	7D	-N	2		0750	.83	1.13				2

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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 Hc	MAX. INT. %		
					LAT.	MER. DIST.													
1972 MAR																			
6 STATIONS REPORTING GROUP 42994.					0 STATIONS OBSERVING					AND NOT REPORTING.									
GRP42994	05	0807	0831	0816	S07	E43	.678	11769	8.6	24	1B							4 4 4 5	
CANR	05	0807	0828	0815	S07	E43	.678	11769	8.6	21	2B	1	C	0815	4.02	12.29			
MANI	05	0810E	0833	0817	S07	E42	.665	11769	8.5	23D	1B	2		0817	2.58	3.50			
CRON	05	0813E	0835	0818	S07	E42	.665	11769	8.5	22D	1B		V	0818	1.80				
KODA	05	0814E	0827	0815	S06	E43	.678	11769	8.6	13D	1B		V	0814	2.65	2.70	9.25	CDX	
42994	05	0813	0831	0827	S07	E40	.638	11769	8.3	18	*1N				4.61			2 2 2 5	
WEND	05	0813E	0827	0827	S08	E39	.625	11769	8.3	14D	2N		P		8.25			FH	
TEHR	05	0827E	0834	0827	S05	E41	.654	11769	8.4	7D	-N	3	C		.96				
GRP42995	05	1136	1206	1141	S07	E40	.638	11769	8.5	30	-N				1.17			4 3 3 4	
ATHN	05	1135	1156	1139	S08	E41	.651	11769	8.6	21	-B	3	C		1.16			DH	
KHAR	05	1135E	1215D		S11	E40	.638	11769	8.5	40D	1N		P	1207	3.40	4.30	2.10	H	
CANR	05	1136	1215	1138	S07	E40	.638	11769	8.5	39	-N	2	C	1138	1.40	1.96		F	
TEHR	05	1142E	1146D	1145	S06	E39	.626	11769	8.4	4D	-N	1	C		.96				
3 STATIONS REPORTING GROUP 42996.					0 STATIONS OBSERVING					AND NOT REPORTING.									
GRP42996	05	1221	1309	1234	S08	E40	.638	11769	8.5	48	-B				1.90			2 2 2 2	
CANR	05	1221	1309	1233	S07	E39	.625	11769	8.4	48	1N	2	C	1233	2.15	2.80			
ATHN	05	1221	1308	1234	S08	E41	.651	11769	8.6	47	-B	3	C		1.65			FH	
ATHN	05	1221	1308	1225	S08	E41	.651	11769	8.6	47	-N	3	C		.83				
42996	05	1221	1308	1256	S08	E41	.651	11769	8.6	47	*-B				.81			2 2 2 3	
ATHN	05	1221	1308	1253	S08	E41	.651	11769	8.6	47	-B	3	C		.99			D	
RAMY	05	1250E	1258D	1258	S07	E40	.638	11769	8.5	8D	-N	1	C		.62				
996	ATHN	05	1226	1237	1228	S05	E24	.406	11769	7.3	11	*-N	3	C		.50			D 2
997	ATHN	05	1223	1227	1224	N08	W89	1.000	11753	27.8	4	--F	3	C					D 2
998	ATHN	05	1324	1332	1326	S12	E25	.424	11769	7.4	8	--F	3	C		.66			D 3
GRP42999	05	1436	1445	1440	S05	E24	.406	11769	7.4	9	--F				.36			2 2 2 4	
HUAN	05	1435	1443	1439U	S04	E24	.408	11769	7.4	8	-F	1	C	1439	.21	.22			
ATHN	05	1437	1446	1441	S05	E24	.406	11769	7.4	9	-F	2	C		.50			D	
GRP43000	05	1627	1638	1629	S12	E25	.424	11769	7.6	11	--F				.41			4 4 2 5	
LOCK	05	1625	1640	1630	S13	E23	.396	11769	7.4	15	-F				.60	.80			
CANR	05	1628	1635		S11	E24	.406	11769	7.5	7	-F			1630	.21			D	
RAMY	05	1628	1635	1629	S13	E24	.412	11769	7.5	7	-F	3	C						
BOUL	05	1629E	1640	1629U	S12	E27	.454	11769	7.7	11D	-F	1	V	1629					
GRP43001	05	1659	1716	1701	S07	E37	.598	11769	8.5	17	--N				.48			5 5 4 5	
RAMY	05	1658	1718	1700	S08	E36	.583	11769	8.4	20	-N	3	C		.62			D	
HUAN	05	1658	1710	1701	S07	E37	.598	11769	8.5	12	-N	1	C	1701	.35	.44			
CANR	05	1659	1715	1700	S06	E37	.599	11769	8.5	16	-N			1700	.50	.60			
BOUL	05	1700	1720U	1703	S08	E36	.583	11769	8.4	20D	-F	1	C	1703	.43	.53			
LOCK	05	1702	1715	1703	S08	E37	.597	11769	8.5	13	-F								
GRP43003	05	2004	2010	2006	S07	E39	.625	11769	8.8	6	--F				.27			2 2 1 3	
LOCK	05	2003	2010	2006	S07	E39	.625	11769	8.8	7	-F								
PALE	05	2004	2005D	2005	S06	E39	.626	11769	8.8	10	-F	2	C		.27				
004	LOCK	05	2028	2040	2032	S08	E18	.307	11769	7.2	12	--F							2
GRP43005	05	2109	2126	2115	S12	E21	.362	11769	7.5	17	-N				1.29			4 4 2 4	
LOCK	05	2108	2127	2112	S12	E20	.347	11769	7.4	19	-N								
PALE	05	2108	2125	2122	S11	E21	.359	11769	7.5	17	-N	2	C		1.54			UF	
BOUL	05	2110	2126	2112	S11	E25	.422	11769	7.8	16	-N	2	V	2112					
RAMY	05	2112E	2124D	2112	S13	E19	.335	11769	7.3	12D	-N	2	C		1.03			U	
5 STATIONS REPORTING GROUP 43006.					1 STATIONS OBSERVING					AND NOT REPORTING.									
GRP43006	05	2249	2324	2306	S07	E35	.570	11769	8.6	35	-N				1.21			4 4 3 6	
LOCK	05	2215	2330	2310	S07	E32	.526	11769	8.3	75	-N							K	
PALE	05	2247	2320	2303	S07	E38	.611	11769	8.8	33	-N	2	C		1.18				
MANI	05	2251	2330	2306	S07	E34	.555	11769	8.5	39	1N	2		2306	2.06	2.50			
CRON	05	2256E	2315	2305	S07	E35	.570	11769	8.6	19D	-N			2305	.40				
43006	05	2223	2332	2233	S07	E36	.584	11769	8.6	69	*-N				.45			3 3 1 5	
LOCK	05	2215	2330	2235	S07	E32	.526	11769	8.3	75	-N							K	
PALE	05	2226	2242	2230	S07	E35	.570	11769	8.6	16	-F	2	C		.45			F	
BOUL	05	2228	2345D	2235U	S06	E40	.639	11769	8.9	77D	-N	1	V	2235					
PALE	05	2247	2320	2254	S07	E38	.611	11769	8.8	33	-F	2	C		.45			F	
43006	05	2225	2236	2228	S09	E18	.307	11769	7.3	11	*-F				.40			2 2 1 4	
LOCK	05	2225	2236	2228	S09	E18	.307	11769	7.3	11	-F								
PALE	05	2225	2235	2227	S09	E18	.307	11769	7.3	10	-F	2	C		.40			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.	APPROX. 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. %					
1972 MAR																						
GRP43007	06	0011	0031	0014	S07	E34	.555	11769	8.6	20	--N						2 2 2 3					
PALE	06	0011E	0032	0011	S06	E34	.556	11769	8.6	210	-N	2	C			.43	F					
MANI	06	0016E	0030	0016	S07	E33	.541	11769	8.5	140	-N	2	C	0016		.45 .41	.49					
GRP43008	06	0138	0157	0143	S07	E28	.466	11769	8.2	19	-N					.88	3 3 3 5					
PALE	06	0138E	0203	0142	S06	E28	.467	11769	8.2	250	-N	2	C			.36	F					
CRON	06	0138E	0147		S08	E24	.403	11769	7.9	90	-F		V			.40						
KODA	06	0142E	0200	0143	S07	E32	.526	11769	8.5	180	-N		P	0149		1.89	2.00	1.68	E			
GRP43009	06	0237	0315	0246	S07	E32	.526	11769	8.5	38	-B					1.85				4 3 3 4		
CRON	06	0236	0320	0245	S08	E32	.526	11769	8.5	44	-B		V	0245		1.20						
MITK	06	0238	0308	0245	S06	E32	.527	11769	8.5	30	-N		C	0245		.93	1.10					
KODA	06	0239E	0320	0241	S07	E32	.526	11769	8.5	410	1B		C	0251		3.41	3.20	2.76		CH		
MANI	06	0252E	0311	0252	S07	E32	.526	11769	8.5	190	-N	2		0252		1.13	1.34					
MANI	06	0252E	0311	0305	S07	E32	.526	11769	8.5	190	-B					1.03	1.22					
010 PALE	06	0401	04110	0404	S12	E12	.221	11769	7.1	100	--F	2	C			.27					4	
011 TEHR	06	0544	0555	0548	S09	E23	.388	11769	8.0	11	--N	3	C			.20					D 2	
GRP43014	06	0712	0731	0714	S09	E26	.435	11769	8.3	19	--F					.36					2 2 2 5	
TEHR	06	0712	0730	0714	S09	E23	.388	11769	8.0	18	-F	3	C			.20					F	
HTPR	06	0720E	0732		S08	E28	.466	11769	8.4	120	-F		C	0720		.52	.60					
GRP43016	06	0818	0915	0900	S07	E21	.356	11769	7.9	57	--F					.34					3 1 1 10	
ARCE	06	0800E	08150		S07	E18	.307	11769	7.7	150	-F			0805		.40	.40					
ARCE	06	0815E	08300	0823	S08	E21	.356	11769	7.9	150	-F			0822		.58	.60					
ARCE	06	0822	09200		S06	E28	.467	11769	8.4	580	-F			0840		.34	.40					
CRON	06	0836E	08400		S09	E28	.466	11769	8.5	40	-F		V			.40						
CATA	06	0900	0910	0900	S12	E31	.514	11769	8.7	10	-F		C	0900		.58	.68				146	
GRP43018	06	0918	0924	0920	S08	E33	.540	11769	8.9	6	--F					.53					2 2 2 9	
HTPR	06	0916	0923	0919	S08	E32	.526	11769	8.8	7	-F		C	0919		.31	.30					
CATA	06	0920	0925	0920	S08	E33	.540	11769	8.9	5	-F		C	0920		.75	.90				146	
GRP43019	06	1045	1120	1048	S07	E25	.420	11769	8.3	35	-N					1.16					5 5 5 5	
HTPR	06	1041	10520	1045	S07	E26	.435	11769	8.4	110	-N		C	1045		.83	.90					
CANR	06	1045	10470		S03	E28	.473	11769	8.5	20	-F		V	1047		1.10	1.10					
ZURI	06	1045	1103	1047	S07	E24	.404	11769	8.2	18	-N		C	1047		1.42	1.60					
CATA	06	1047	11150	1047	S09	E26	.435	11769	8.4	280	-B		P	1047		1.73	1.95				269	
TEHR	06	1050E	1143	1054	S09	E22	.372	11769	8.1	530	-N	4	C			.74					FU	
8 STATIONS REPORTING GROUP 43020. 0 STATIONS OBSERVING AND NOT REPORTING.																						
GRP43020	06	1109	1146	1117	S08	E26	.435	11769	8.4	37	1B					2.52						6 6 6 7
TEHR	06	1050E	1143	1117	S09	E22	.372	11769	8.1	530	1B	4	C			2.07						
HTPR	06	1107E	11150	1113	S07	E28	.466	11769	8.6	80	-N		C	1113		1.44	1.60					
ZURI	06	1111	1131	1117	S07	E25	.420	11769	8.3	20	1N		C	1117		4.41	4.90					
CAPS	06	1115E	11280		S08	E28	.466	11769	8.6	130	1B	1	P	1116		3.50	3.80					290
RAMY	06	1117E	1153	1117	S08	E26	.435	11769	8.4	360	1B	2	C			2.06						U
CATA	06	1123E	1155	1123	S09	E26	.435	11769	8.4	320	-B		P	1123		1.62	1.81					298
43020	06	1122	1154	1135	S06	E27	.452	11769	8.5	32	*1B					2.33						3 3 3 5
RAMY	06	1117E	1153	1135	S08	E26	.435	11769	8.4	360	1B	2	C			1.86						
CANR	06	1126	11260		S04	E28	.470	11769	8.6		1B		V	1126		2.20	2.20					
ARCE	06	1127E	1154	1135	S07	E26	.435	11769	8.4	270	1N			1135		2.94	3.20					
2 STATIONS REPORTING GROUP 43021. 3 STATIONS OBSERVING AND NOT REPORTING.																						
GRP43021	06	1344	1409	1352	S06	E09	.157	11769	7.2	25	--F					.73						2 2 2 5
RAMY	06	1343	1410	1349	S06	E09	.157	11769	7.2	27	-F	2	C			.62						D
NCHA	06	1344	1407	1354	S05	E09	.160	11769	7.2	23	-F		C	1354		.83	.80					E
021 RAMY	06	1347	1357	1349	S08	E17	.290	11769	7.8	10	*-F	2	C			.21						D 7
GRP43023	06	1648	1700	1652	S13	E07	.156	11769	7.2	12	--N					.30						3 3 2 3
RAMY	06	1647	1703	1650	S12	E07	.146	11769	7.2	16	-N	3	C			.41						D
HUAN	06	1648E	1656	1653U	S13	E07	.156	11769	7.2	80	-N	1	P	1653		.18	.18					
LOCK	06	1650	1702	1653	S13	E06	.143	11769	7.2	12	-F		C									
025 LOCK	06	1828	1838	1832	S08	E13	.223	11769	7.7	10	--F											1
026 LOCK	06	2015	2030	2020	S12	E25	.424	11769	8.7	15	--F											H 2
GRP43027	06	2041	2100	2046	S12	E06	.132	11769	7.3	19	--F					.31						2 2 1 3
LOCK	06	2040	2100	2047	S11	E06	.122	11769	7.3	20	-F		C									D
RAMY	06	2041	20530	2045	S12	E06	.132	11769	7.3	120	-F	2	C			.31						
GRP43028	06	2108	2120	2111	S11	E06	.122	11769	7.3	12	--F					.21						2 2 1 2
LOCK	06	2106	2120	2110	S10	E05	.099	11769	7.3	14	-F		C									D
RAMY	06	2109	21160	2111	S11	E06	.122	11769	7.3	70	-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. 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. %			
	1972 MAR																				
GRP43029	06	2204	2224	2208	S10	E24	.405	11769	8.7	20	--F					.45					2 2 1 2
LOCK	06	2203	2225	2210	S12	E24	.409	11769	8.7	22	-F										H
BOUL	06	2204	2222	2206	S07	E24	.404	11769	8.7	18	-N	1	V	2206		.45	.50				
GRP43030	06	2338	2353	2343	S09	E20	.340	11769	8.5	15	--F					.31					2 2 1 2
LOCK	06	2327	2335	2330	S09	E19	.324	11769	8.4	8	-F		C								
LOCK	06	2335	2350	2341	S12	E24	.409	11769	8.8	15	-N		C								
MANI	06	2341	2356	2344	S07	E19	.323	11769	8.4	15	-F	1		2344		.31	.33				
GRP43031	07	0128	0150	0133	S11	E20	.344	11769	8.6	22	--F					.92					2 2 2 4
MANI	07	0125	0156	0134	S11	E19	.328	11769	8.5	31	-N	2		0134		1.13	1.20				
CRON	07	0130	0143	0132	S10	E21	.357	11769	8.6	13	-F		V	0132		.70					
GRP43032	07	0218	0234	0220	S11	E20	.344	11769	8.6	16	1B					2.43					5 5 5 6
CRON	07	0216	0230	0218	S11	E20	.344	11769	8.6	14	-B		V	0218		1.70					
MANI	07	0216	0237	0219	S12	E19	.331	11769	8.5	21	1B	2		0219		3.61	3.81				
CULG	07	0216E	0240		S10	E19	.325	11769	8.5	24D	1B		P	0218		2.06	2.21				V
MITK	07	0217	0231	0218	S11	E21	.359	11769	8.7	14	1N		C	0218		3.40	3.60				
KODA	07	0224	0231	0225	S12	E20	.347	11769	8.6	7	-N		V	0225		1.38	1.40	1.64			E
GRP43034	07	0346	0406	0351	S06	E03	.056	11769	7.4	20	-N					1.58					5 5 5 7
MANI	07	0343	0425	0359	S05	E01	.043	11769	7.2	42	1B	2		0359		2.27	2.27				
CRON	07	0346E	0359	0348	S06	E02	.041	11769	7.3	13D	-N		V	0348		.80					
MITK	07	0347E	0400	0348	S05	E04	.080	11769	7.5	13D	1F		C	0348		2.58	2.60				F
TEHR	07	0348	0404	0352	S07	E02	.035	11769	7.3	16	-N	4				.29					CE
KODA	07	0349E	0401	0349	S07	E04	.069	11769	7.5	12D	-F		V	0349		1.94	1.90	1.56			
GRP43035	07	0412	0433	0415	S11	E19	.328	11769	8.6	21	-B					1.16					5 5 5 7
MITK	07	0411	0424	0416	S10	E18	.309	11769	8.5	13	-N		C	0416		1.24	1.30				
MANI	07	0411	0454	0415	S11	E19	.328	11769	8.6	43	1B	2		0415		2.17	2.29				
CRON	07	0412	0424	0414	S11	E19	.328	11769	8.6	12	-N		V	0414		.55					
KODA	07	0413	0437	0414	S12	E20	.347	11769	8.7	24	-B		C	0435		1.38	1.40	2.48			E
TEHR	07	0413	0425	0416	S11	E18	.312	11769	8.5	12	-B	4				.47					FH
GRP43036	07	0433	0438	0435	S09	E18	.307	11769	8.5	5	--N					.57					3 3 3 7
TEHR	07	0427	0437	0431	S08	E16	.274	11769	8.4	10	-N	4				.20					FH
MITK	07	0432	0438	0434	S11	E19	.328	11769	8.6	6	-N		C	0434		.83	.80				
TEHR	07	0433	0442	0436	S11	E18	.312	11769	8.5	9	-N	4				.37					FH
CRON	07	0434	0440	0436	S08	E19	.323	11769	8.6	6	-N		V	0436		.50					
040 ATHN	07	0539	0548	0542	S11	E20	.344	11769	8.7	9	--N	2				.83					D 4
GRP43041	07	0627	0640	0630	S11	E18	.312	11769	8.6	13	-N					1.23					5 5 5 5
ATHN	07	0626	0639	0629	S10	E18	.309	11769	8.6	13	-N	2				1.49					F
MITK	07	0627	0634D	0629	S13	E18	.319	11769	8.6	7D	1N		C	0629		2.06	2.20				
CRON	07	0627	0637	0630	S11	E18	.312	11769	8.6	10	-N		V	0630		.80					
TEHR	07	0628	0637	0631	S10	E18	.309	11769	8.6	9	-N	4				.37					F
CATA	07	0630E	0645	0630	S12	E18	.315	11769	8.6	15D	-B		C	0630		1.44	1.52			240	
GRP43043	07	0714	0723	0717	S10	E16	.277	11769	8.5	9	--N					.27					3 3 3 7
MANI	07	0713E	0728	0717	S10	E15	.260	11769	8.4	15D	-N	2		0717		.21	.21				
TEHR	07	0714	0722	0716	S09	E16	.275	11769	8.5	8	-N	3				.20					D
CRON	07	0714E	0720		S11	E18	.312	11769	8.7	6D	-N		V			.40					
GRP43044	07	0732	0742	0737	S11	E17	.296	11769	8.6	10	--N					.65					3 3 3 4
ATHN	07	0732	0741	0736	S11	E17	.296	11769	8.6	9	-F	2				.66					D
CAPS	07	0735E	0742D		S12	E18	.315	11769	8.7	7D	-B	1	V	0736		1.00	1.00			182	C
TEHR	07	0737E	0743D	0738	S09	E16	.275	11769	8.5	6D	-N	2				.29					D
GRP43045	07	0802	0811	0804	S11	E16	.280	11769	8.5	9	--F					.42					4 4 4 6
ATHN	07	0802E	0810	0803	S11	E14	.247	11769	8.4	8D	-F	3				.50					D
CAPS	07	0803E	0808D		S12	E18	.315	11769	8.7	5D	-N	1	S	0804		.40	.40			166	C
TEHR	07	0803E	0813D	0804	S09	E15	.258	11769	8.5	10D	-N	2				.29					F
CRON	07	0805E	0810		S10	E17	.293	11769	8.6	5D	-F		V			.50					
046 GATA	07	0850	0915	0900	S08	W01	.022	11769	7.3	25	--N					.34	.35			159	Z 5
GRP43048	07	1002	1011	1004	S10	E16	.277	11769	8.6	9	-N					1.04					5 5 4 7
ATHN	07	1000E	1006	1002	S12	E17	.299	11769	8.7	6D	-N	3				1.98					F
CATA	07	1000E	1015	1005	S12	E16	.283	11769	8.6	15D	-N		C	1005		.69	.72			204	
CANR	07	1003	1013		S08	E14	.240	11769	8.5	10	-B		V	1005		.90	.90				
CRON	07	1003E	1007D		S10	E16	.277	11769	8.6	4D	-N		V	1003		.60					
KHAR	07	1005E	1015		S10	E15	.260	11769	8.5	10D	1N							2.90			DL
GRP43050	07	1027	1037	1028	S10	E15	.260	11769	8.6	10	--F					1.39					2 2 2 6
ATHN	07	1026	1033	1028	S10	E14	.244	11769	8.5	7	-F	3				.50					D
KHAR	07	1027	1040		S10	E15	.260	11769	8.6	13	1F		P	1030		2.27	2.40	1.80			EL

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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	GMMATH PLAGE REGION				CMP DAY	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α		MAX. INT. %
					LAT.	MER. DIST.												
	1972																	
	MAR																	
GRP43083	08	1432	1446	1437	S12	W01	.085	11769	8.5	14	--B						4 4 4 4	
CATA	08	1430	1450	1430	S11	W01	.068	11769	8.5	20	-B	C	1430	.73	.76		263	
CAPS	08	1432	1445D		S12	E00	.083	11769	8.6	13D	-B	2 V	1435	.75	.50		277	
RAMY	08	1432	1442	1437	S12	W02	.090	11769	8.5	10	-B	2 C		.50				
ATHN	08	1432	1446	1436	S11	W01	.068	11769	8.5	14	-B	3 C		.84			D	
	08	1628	1707		NO FLARE PATROL											FH		
084 RAMY	08	1853	1908	1856	N18	E76	.982	11776	14.5	15	--F	3 C		.28				D 3
085 LOCK	08	1922	1932	1924	S06	W18	.308	11769	7.5	10	--F	C						3
GRP43086	08	1938	1951	1942	S11	W23	.391	11769	7.1	13	--F			.37				3 3 2 4
LOCK	08	1936	1952	1942	S11	W26	.437	11769	6.9	16	-F	C						
PALE	08	1938	1950	1942	S10	W20	.341	11769	7.3	12	-N	2 C		.45				F
RAMY	08	1940	1952	1942	S11	W22	.375	11769	7.2	12	-F	3 C		.28				D
087 PALE	08	2053	2106	2057	S07	W54	.804	11765	4.8	13	--F	2 C		.45				2
GRP43090	09	0107	0123	0111	S21	E35	.595	11773	11.7	16	--F			.39				2 2 2 4
PALE	09	0107	0121	0109	S21	E34	.582	11773	11.6	14	-F	2 C		.36				F
MANI	09	0110E	0125	0113	S20	E35	.591	11773	11.7	15D	-N	2	0113	.41	.51			
GRP43091	09	0210	0225	0217	S06	W23	.389	11769	7.4	15	--N			.34				2 2 2 4
MANI	09	0210	0227	0217	S06	W23	.389	11769	7.4	17	-N	2	0217	.31	.34			
PALE	09	0217E	0223	0217	S06	W23	.389	11769	7.4	6D	-N	3 C		.36				F
GRP43092	09	0234	0251	0238	S21	E34	.582	11773	11.7	17	--F			.43				2 2 2 6
PALE	09	0234	0241D	0237	S21	E33	.570	11773	11.6	7D	-N	2 C		.45				F
MANI	09	0236E	0251	0238	S20	E35	.591	11773	11.7	15D	-F	2	0238	.41	.51			
095 ATHN	09	0609	0618	0611	S05	W60	.863	11765	4.8	9	--F	3 C		.50				DH 4
GRP43098	09	0949	1001	0951	N14	E61	.900	11776	14.0	12	--N			.27				3 3 3 8
ATHN	09	0947	1002	0951	N13	E61	.898	11776	14.0	15	-N	3 C		.33				D
CATA	09	0950	0955D	0950	N14	E60	.893	11776	13.9	5D	-N	P	0950	.29	.66		182	
CANR	09	0950	1000	0951	N16	E61	.904	11776	14.0	10	-F	V	0951	.20	.35			
GRP43099	09	0950	1016	0952	S07	W61	.870	11765	4.8	26	-N			.75				6 6 5 8
ATHN	09	0948	1031	0952	S06	W61	.871	11765	4.8	43	-N	3 C		.66				DH
MEUD	09	0949	1010	0953	S06	W61	.871	11765	4.8	21	-N	C	0953	.62	1.20			
CATA	09	0950	0955D	0950	S07	W60	.862	11765	4.9	5D	-B	P	0950	.69	1.39		224	E
CAPS	09	0950	1022D		S07	W60	.862	11765	4.9	32D	-B	3 V	0956	1.00	2.00		246	
CANR	09	0951	1010	0953	S06	W61	.871	11765	4.8	19	-N	V	0953	.80				
ONDR	09	0954E	1007		S08	W61	.870	11765	4.8	13D	1N	V	0955			2.10		CD
4 STATIONS REPORTING GROUP 43100. 3 STATIONS OBSERVING AND NOT REPORTING.																		
GRP43100	09	1046	1103	1049	S06	W24	.405	11769	7.6	17	--N			.44				3 3 3 7
CATA	09	1045E	1115D	1050	S06	W23	.389	11769	7.7	30D	-N	P	1050	.46	.50		182	
ATHN	09	1046	1102	1048	S07	W24	.404	11769	7.6	16	-N	3 C		.66				D
MEUD	09	1047	1053	1050	S06	W24	.405	11769	7.6	6	-F	C	1050	.21	.20			
43100	09	1044	1051	1046	S11	W11	.199	11769	8.6	7	*-F			.32				3 3 2 7
ATHN	09	1042	1052	1044	S10	W11	.195	11769	8.6	10	-F	3 C		.33				D
MEUD	09	1044	1050	1047	S10	W11	.195	11769	8.6	6	-F	C	1047	.31	.30			
ONDR	09	1045	1051	1047	S12	W11	.205	11769	8.6	6	-F	V	1047			2.00		CD
GRP43104	09	1238	1250	1241	N14	E59	.885	11776	14.0	12	--F			.25				3 3 3 4
RAMY	09	1236	1249	1240	N14	E58	.877	11776	13.9	13	-N	2 C		.28				D
MEUD	09	1237	1245	1241	N16	E59	.890	11776	14.0	8	-F	C	1241	.31	.60			
ATHN	09	1241	1255	1243	N13	E59	.883	11776	14.0	14	-F	3 C		.17				D
GRP43105	09	1340	1356	1347	N14	E59	.885	11776	14.0	16	--F			.33				4 4 4 6
RAMY	09	1339	1356	1343	N14	E58	.877	11776	13.9	17	-N	3 C		.46				D
CATA	09	1340	1400D	1350	N12	E59	.881	11776	14.0	20D	-F	P	1350	.17	.34		135	
MEUD	09	1340	1352	1348	N16	E58	.882	11776	13.9	12	-F	C	1348	.52	1.00			
ATHN	09	1342	1355	1346	N13	E59	.883	11776	14.0	13	-F	2 C		.17				D
107 LOCK	09	2015	2027	2020	S13	W35	.572	11769	7.2	12	--F	C						3
GRP43108	09	2206	2213	2209	S06	W33	.542	11769	7.4	7	--F			.28				2 2 1 4
RAMY	09	2205E	2209D	2208	S05	W33	.543	11769	7.4	4D	-F	1 C		.28				D
LOCK	09	2207	2213	2210	S07	W32	.526	11769	7.5	6	-F	C						
GRP43109	09	2231	2251	2239	N15	E53	.839	11776	13.9	20	-N			.76				4 4 3 6
BOUL	09	2231	2246	2235	N14	E51	.818	11776	13.8	15	-F	2 C	2235	.65	1.13			
MANI	09	2235E	2255	2236	N16	E56	.867	11776	14.1	20D	-N	2	2236	.83	1.50			
PALE	09	2238E	2243	2238	N16	E54	.851	11776	14.0	5D	-B	2 C		.81				
LOCK	09	2245E	2300	2245E	N14	E52	.827	11776	13.8	15D	-F	C						

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IMPOR-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. %
	1972																	
	MAR																	
4 STATIONS REPORTING GROUP 43132. 2 STATIONS OBSERVING AND NOT REPORTING.																		
GRP43132	11	0236	0300	0241	S11	W35	.570	11769	8.5	24	-N			.81			3 3 3 6	
MANI	11	0233	0259	0243	S11	W34	.556	11769	8.6	26	-N	2	0243	.31	.37			
PALE	11	0237	0259	0238	S10	W35	.569	11769	8.5	22	-N	2		.55			HF	
KODA	11	0237	0302	0243	S11	W35	.570	11769	8.5	25	-B		0246	1.58	1.60	2.24	DH	
43132	11	0236	0300	0255	S11	W34	.556	11769	8.6	24	*-N			.92			3 3 3 6	
MANI	11	0233	0259	0255	S11	W34	.556	11769	8.6	26	-N		0255	.52	.74			
PALE	11	0237	0259	0255	S10	W35	.569	11769	8.5	22	-N	2		.99				
MITK	11	0239	0301	0254	S11	W34	.556	11769	8.6	22	-N		0254	1.24	1.50			
GRP43134	11	0342	0359	0349	S11	W34	.556	11769	8.6	17	-N			1.09			5 5 5 7	
MITK	11	0337	0400	0347	S11	W34	.556	11769	8.6	23	1N		0347	1.75	2.10			
TEHR	11	0342E	0400	0354	S11	W33	.541	11769	8.7	18D		4		.55			FH	
PALE	11	0342	0401	0355	S11	W35	.570	11769	8.5	19	-N	2		.63			HF	
KODA	11	0345	0400	0345	S11	W36	.584	11769	8.5	15	-B		0345	1.60	1.60	2.56	D	
MANI	11	0346E	0355	0346	S11	W33	.541	11769	8.7	9D	-N	2		.93	1.11			
MANI	11	0346E	0355	0354	S11	W33	.541	11769	8.7	9D	-N			.62	.74			
GRP43136	11	0438	0443	0440	S11	W34	.556	11769	8.6	5	--N			.50			2 2 2 5	
TEHR	11	0438E	0442	0439	S11	W33	.541	11769	8.7	4D	-N	4		.58			FH	
MANI	11	0440E	0444	0440	S11	W34	.556	11769	8.6	4D	-N	2	0440	.41	.50			
GRP43138	11	0504	0514	0506	S11	W34	.556	11769	8.7	10	--N			.67			3 3 3 5	
TEHR	11	0504	0515	0506	S11	W33	.541	11769	8.7	11	-N	4		.29			FH	
MANI	11	0506E	0512	0506	S11	W34	.556	11769	8.7	6D	-N	2	0506	.52	.62			
SIBE	11	0507E	0515		S12	W36	.585	11769	8.5	8D	-F		0507	1.19	1.51	61	DI	
GRP43140	11	0611	0627	0621	S11	W35	.570	11769	8.6	16	--N			.65			4 4 4 6	
ATHN	11	0611	0628	0621	S11	W37	.598	11769	8.5	17	-N	2		.99			FH	
ATHN	11	0611	0628	0614	S11	W37	.598	11769	8.5	17	-N	2		.33				
CRON	11	0615E	0626		S09	W35	.569	11769	8.6	11D	-V			.30				
TEHR	11	0616E	0628	0618	S11	W34	.556	11769	8.7	12D	-N	4		.38			F	
MANI	11	0623E	0627	0623	S11	W35	.570	11769	8.6	4D	-N	2	0623	.93	1.13			
GRP43141	11	0637	0647	0640	N12	E39	.686	11776	14.2	10	--N			.31			3 3 3 7	
MANI	11	0637	0648	0642	N14	E42	.729	11776	14.4	11	-N	2		.31	.45			
ATHN	11	0637	0645	0638	N12	E38	.674	11776	14.1	8	-N	3		.33			D	
TEHR	11	0638	0648	0641	N11	E36	.645	11776	14.0	10	-N	4		.29			F	
GRP43143	11	0647	0702	0649	N14	E30	.596	11775	13.5	15	--N			.72			3 3 3 7	
TEHR	11	0645	0653	0649	N13	E30	.588	11775	13.5	8	-F	4		.29			F	
ATHN	11	0645	0659	0648	N13	E30	.588	11775	13.5	14	-N	2		.83			FH	
CATA	11	0650	0715	0650	N15	E31	.615	11775	13.6	25	-N		0650	1.04	1.32	166		
GRP43144	11	0757	0819	0803	S11	W36	.584	11769	8.6	22	-N			.84			5 5 5 5	
TEHR	11	0755	0821	0805	S11	W34	.556	11769	8.8	26	-N	4		.38				
TEHR	11	0755	0821	0758	S11	W34	.556	11769	8.8	26	-N	4		.38			FH	
CRON	11	0756E	0812	0805	S09	W36	.583	11769	8.6	16D	-F		0805	.40				
KODA	11	0757	0811	0806	S11	W38	.611	11769	8.5	14	-B		0757	1.62	1.60	2.00	DH	
CATA	11	0800	0830	0800	S11	W37	.598	11769	8.6	30	-B		0800	1.16	1.45	206		
ATHN	11	0801E	0810D	0801	S11	W37	.598	11769	8.6	9D	-N	3		.66			FH	
ATHN	11	0801E	0810D	0808	S11	W37	.598	11769	8.6	9D	-N	3		.50				
GRP43145	11	0800	0808	0803	S21	E05	.252	11773	11.7	8	--F			.36			2 2 2 4	
TEHR	11	0800	0805	0803	S21	E06	.258	11773	11.8	5	-N	4		.38			D	
ATHN	11	0802E	0810D	0803	S21	E04	.247	11773	11.6	8D	-F	2		.33			D	
GRP43146	11	0906	0914	0909	S08	W49	.749	11769	7.7	8	--F			.27			2 2 2 4	
ATHN	11	0905	0914	0907	S07	W50	.761	11769	7.6	9	-F	3		.33			D	
TEHR	11	0906	0913	0910	S09	W47	.726	11769	7.9	7	-F	4		.20			D	
147	ATHN	11	1005E	1007D	1005	S09	W50	.760	11769	7.7	2D	--F	1		.33			D
GRP43148	11	1026	1038	1030	N12	E37	.663	11776	14.2	12	--F			.21			2 2 2 4	
TEHR	11	1026	1032	1029	N12	E36	.651	11776	14.1	6	-F	4		.09			D	
ATHN	11	1030E	1043	1030	N12	E38	.674	11776	14.3	13D	-N	2		.33			D	
149	ATHN	11	1030E	1042	1030	S12	W57	.832	11769	7.2	12D	--F	2		.33			D
GRP43150	11	1123	1136	1129	S19	E01	.205	11773	11.5	13	--F			.36			3 3 3 5	
RAMY	11	1123	1137	1125	S17	E01	.171	11773	11.5	14	-F	3		.28			D	
TEHR	11	1125E	1133	1129	S20	E03	.227	11773	11.7	8D	-N	4		.29			F	
ATHN	11	1132E	1139	1132	S19	W02	.207	11773	11.3	7D	-F	2		.50			D	
GRP43151	11	1138	1156	1142	S19	E02	.207	11773	11.6	18	--F			.41			3 3 3 4	
TEHR	11	1133	1154	1139	S20	E03	.227	11773	11.7	21	-F	4		.29			D	
RAMY	11	1140	1153	1143	S17	E01	.171	11773	11.6	13	-F	3		.28			D	
ATHN	11	1142	1201	1144	S19	E02	.207	11773	11.6	19	-N	2		.66			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. LAT. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	OMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha		MAX. INT. %						
	1972																						
	MAR																						
GRP43152	11	1207	1220	1212	S10	W38	.611	11769	8.7	13	--F		.40								4 4 4 5		
RAMY	11	1203	1218	1208	S10	W38	.611	11769	8.7	15	-F	3 C	.37								D		
CANR	11	1207	1220	1211	S10	W39	.624	11769	8.6	13	-F	V	.35	.50							D		
ATHN	11	1209	1217	1212	S10	W40	.638	11769	8.5	8	-N	3 C	.50								D		
TEHR	11	1210	1224	1215	S11	W34	.556	11769	9.0	14	-F	3 C	.38								D		
GRP43153	11	1227	1239	1230	S11	W39	.625	11769	8.6	12	--N		.46								5 5 5 5		
CANR	11	1226	1238	1228	S11	W40	.638	11769	8.5	12	-N	2 C	.54	.70							D		
RAMY	11	1226	1238	1229	S11	W39	.625	11769	8.6	12	-B	3 C	.28								D		
ATHN	11	1228	1236	1231	S11	W41	.651	11769	8.4	8	-N	3 C	.50								F		
TEHR	11	1229	1238	1232	S11	W34	.556	11769	9.0	9	-N	2 C	.29								D		
CATA	11	1230E	1245	1230	S09	W39	.624	11769	8.6	150	-B	P	.69	.91				214			FU		
GRP43154	11	1248	1301	1251	N13	E34	.634	11776	14.1	13	--N		.24								4 4 4 5		
ATHN	11	1247	1301	1251	N13	E34	.634	11776	14.1	14	-N	3 C	.33								D		
RAMY	11	1247	1301	1252	N13	E33	.623	11776	14.0	14	-F	3 C	.28								D		
TEHR	11	1248	1300	1251	N12	E36	.651	11776	14.2	12	-N	3 C	.09								D		
CANR	11	1250	1300	1251	N14	E33	.630	11776	14.0	10	-N	V	.25	.30							D		
GRP43155	11	1304	1311	1305	S08	W50	.761	11769	7.8	7	--N		.34								4 4 4 5		
CANR	11	1303	1308		S07	W51	.773	11769	7.7	5	-N	V	.20	.30							F		
TEHR	11	1303	1312	1306	S09	W47	.726	11769	8.0	9	-N	2 C	.29								D		
ATHN	11	1303	1312	1305	S09	W52	.782	11769	7.6	9	-N	3 C	.33								D		
CATA	11	1305	1310	1305	S05	W50	.763	11769	7.8	5	-N	C	.52	.85					182		D		
GRP43156	11	1314	1321	1316	N15	E17	.468	11775	12.8	7	--N		.38								5 5 5 5		
RAMY	11	1310	1322	1315	N15	E15	.450	11775	12.7	12	-N	3 C	.46								D		
ATHN	11	1313	1323	1315	N15	E16	.459	11775	12.8	10	-N	3 C	.50								D		
CATA	11	1315	1320	1315	N15	E17	.468	11775	12.8	5	-N	C	.46	.52					182		D		
TEHR	11	1315	1320	1317	N15	E21	.507	11775	13.1	5	-F	2 C	.20								D		
CANR	11	1316	1321		N16	E14	.455	11775	12.6	5	-N	V	.30	.30							D		
5 STATIONS REPORTING GROUP 43157. 0 STATIONS OBSERVING AND NOT REPORTING.																							
GRP43157	11	1319	1332	1323	S10	W37	.597	11769	8.8	13	--N		.35								5 5 5 5		
CANR	11	1318	1333		S10	W38	.611	11769	8.7	15	-N	V	.20	.30							D		
ATHN	11	1318	1332	1322	S10	W38	.611	11769	8.7	14	-N	3 C	.33								D		
RAMY	11	1318	1333	1321	S10	W38	.611	11769	8.7	15	-F	3 C	.28								D		
CATA	11	1320	1330	1325	S09	W37	.597	11769	8.8	10	-F	C	.58	.72					141		FH		
TEHR	11	1320	1331	1324	S11	W34	.556	11769	9.0	11	-N	2 C	.38								D		
157 ATHN	11	1316	1326	1319	S07	W53	.794	11769	7.6	10	*-F	3 C	.33								D		
GRP43158	11	1410	1425	1415	N13	E34	.634	11776	14.1	15	--N		.53								6 6 6 6		
CANR	11	1407	1425	1414	N13	E34	.634	11776	14.1	18	-F	2 C	.54	.69							DH		
RAMY	11	1407	1423	1413	N13	E32	.611	11776	14.0	16	-N	3 C	.65								FH		
ATHN	11	1408	1429	1415	N14	E33	.630	11776	14.1	21	-N	3 C	.83								DH		
CATA	11	1410	1425	1415	N12	E34	.628	11776	14.1	15	-N	C	.46	.61					182		DH		
MCHA	11	1413	14180	1416	N15	E34	.648	11776	14.1	50	-N	P	.41	.50							DH		
TEHR	11	1413	1424	1417	N12	E36	.651	11776	14.3	11	-N	1 C	.29								DH		
GRP43160	11	1511	1522	1514	N13	E33	.623	11776	14.1	11	--B		.68								6 6 6 6		
ATHN	11	1508	15160	1511	N13	E32	.611	11776	14.0	80	-N	2 C	.99								F		
RAMY	11	1508	1518	1509	N12	E32	.604	11776	14.0	10	-N	3 C	1.11								DH		
MCHA	11	1508	1525	1511	N15	E34	.648	11776	14.2	17	-B	C	.72	.90							DHV		
CANR	11	1510	1524		N14	E33	.630	11776	14.1	14	-B	V	.30								D		
CATA	11	1515E	1520	1515	N11	E34	.622	11776	14.2	50	-B	P	.23	.30					243		D		
BOUL	11	1516	1524	1519	N15	E33	.637	11776	14.1	8	-N	3 V	.70	.80							D		
GRP43162	11	1614	1627	1619	S10	W42	.664	11769	8.5	13	--N		.46								5 5 4 6		
RAMY	11	1611	1630	1617	S11	W43	.677	11769	8.4	19	-F	2 C	.37								D		
LOCK	11	1612	1625	1618	S12	W42	.664	11769	8.5	13	-F	C									E		
MCHA	11	1614	1628	1620	S12	W42	.664	11769	8.5	14	-N	C	.41	.50							D		
BOUL	11	1617	1626	1620	S09	W42	.664	11769	8.5	9	-N	3 V	.70	.70							D		
CATA	11	1620E	1625D	1620	S08	W42	.664	11769	8.5	50	-N	P	.34	.47					191		D		
GRP43163	11	1808	1819	1810	S11	W43	.677	11769	8.5	11	--N		.40								4 4 3 5		
RAMY	11	1806	1820	1809	S10	W43	.677	11769	8.5	14	-N	3 C	.37								D		
CANR	11	1808	1820	1811	S11	W43	.677	11769	8.5	12	-N	2 C	.43	.59							D		
LOCK	11	1809	1818	1810	S12	W44	.690	11769	8.5	9	-N	C									V		
MCHA	11	1810	1819	1811	S12	W43	.677	11769	8.5	9	-B	C	.41	.50							D		
GRP43164	11	1846	1900	1849	N13	E30	.588	11776	14.0	14	--N		.75								4 4 3 5		
RAMY	11	1844	1904	1847	N12	E30	.581	11776	14.0	20	-N	3 C	1.21								DH		
LOCK	11	1846	1857	1850	N13	E30	.588	11776	14.0	11	-N	C									H		
MCHA	11	1847	1900	1850	N13	E30	.588	11776	14.0	13	-B	C	.72	1.00							DH		
HUAN	11	1849E	1855D		N13	E31	.600	11776	14.1	60	-N	1 P	.31	.39							EHR		

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	DATE 1972	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMA TH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %	
	MAR				LAT.	MER. DIST.												
GRP43165 RAMY	11	1926	1936	1929	N13	E29	.576	11776	14.0	10	--N			.54				4 4 3 4
LOCK	11	1925	1936	1927	N13	E29	.576	11776	14.0	11	-N	3	C	.37				D
BOUL	11	1925	1938	1930	N13	E30	.588	11776	14.1	13	-F		C					
MCMA	11	1927	1938	1929	N14	E29	.584	11776	14.0	11	-N	3	V	1.00	1.00			D
	11	1928	1933	1929	N13	E29	.576	11776	14.0	5	-N		C	.26	.30			
GRP43166 MCMA	11	1948	2000	1950	S23	W02	.274	11773	11.7	12	--F		C	.52				2 2 1 4
LOCK	11	1948	1955	1949	S22	W02	.257	11773	11.7	7	-F		C	.52	.50			E
	11	1948	2004	1951	S23	W02	.274	11773	11.7	16	-F		C					
GRP43167 RAMY	11	2000	2011	2003	S24	E50	.774	11778	15.6	11	--N		C	.38				4 4 3 5
LOCK	11	1959	2011	2001	S23	E48	.751	11778	15.4	12	-N	3	C	.65				DH
MCMA	11	2000	2012	2002	S23	E51	.782	11778	15.7	12	-F		C					
PALE	11	2001	2010	2003	S24	E49	.764	11778	15.5	9	-N		C	.21	.30			D
	11	2007E	2009D	2007	S24	E50	.774	11778	15.6	20	-N	2	C	.27				
GRP43168 RAMY	11	2036	2043	2036	S24	E49	.764	11778	15.5	7	--F		C	.23				2 2 2 5
PALE	11	2035	2043	2036	S23	E48	.751	11778	15.5	8	-F	2	C	.19				D
	11	2036	2037D	2036	S24	E50	.774	11778	15.6	10	-N	2	C	.27				
GRP43169 MANI	11	2301	2307	2303	S09	W45	.702	11769	8.6	6	--N		C	.25				2 2 2 5
PALE	11	2301E	2307	2301	S09	W42	.664	11769	8.8	60	-N	2	C	.31	.42			
	11	2303E	2307	2305	S09	W48	.738	11769	8.4	40	-N	2	C	.18				
GRP43170 PALE	12	0015	0023	0019	N13	E27	.553	11776	14.0	8	--N		C	.79				3 3 3 4
MANI	12	0015	0021D	0018	N12	E28	.557	11776	14.1	60	-N	2	C	.63				FH
CRON	12	0016E	0022	0019	N12	E26	.533	11776	14.0	60	1B	2	C	1.24	1.48			
	12	0018E	0024		N14	E27	.562	11776	14.0	60	-N		V	.50				
GRP43171 PALE	12	0105	0131	0111	N13	E27	.553	11776	14.1	26	--N		C	.25				2 2 2 3
MANI	12	0103	0128D	0110	N12	E28	.557	11776	14.1	250	-N	2	C	.19				
MANI	12	0106	0115	0111	N13	E26	.542	11776	14.0	9	-N	2	C	.31	.37			
MANI	12	0124E	0131	0126	N13	E26	.542	11776	14.0	70	-N	2	C	.41	.49			
GRP43173 MANI	12	0317	0326	0320	N13	E26	.542	11776	14.1	9	--N		C	.44				3 3 3 7
VORO	12	0316	0328	0317	N13	E25	.530	11776	14.0	12	-F	2	C	.31	.37			
PALE	12	0317	0323	0320	N15	E25	.549	11776	14.0	6	-B		C	.74	.90			65 D
	12	0322E	0326	0322	N12	E27	.545	11776	14.2	40	-F	1	C	.27				
GRP43174 PALE	12	0334	0344	0339	N20	E35	.693	11776	14.8	10	--B		C	.60				2 2 2 7
PALE	12	0330	0345	0339	N18	E36	.689	11776	14.8	15	-N	2	C	.36				
VORO	12	0330	0345	0335	N18	E36	.689	11776	14.8	15	-F	2	C	.19				F
	12	0338	0342	0339	N21	E34	.691	11776	14.7	4	-B		C	.84	1.10			D 79
GRP43178 LOCK	12	1833	1843	1836	S19	E35	.587	11778	15.4	10	--F		C	.43				3 3 2 5
PALE	12	1832	1846	1836	S18	E35	.584	11778	15.4	14	-F		C					
HUAN	12	1833	1841	1836	S19	E36	.600	11778	15.5	8	-N	3	C	.45				F
	12	1834	1842	1836	S19	E35	.587	11778	15.4	8	-F		C	.41	.51			U
GRP43180 PALE	13	0019	0043	0024	S21	W19	.390	11773	11.6	24	-N		C	1.22				3 3 3 4
PALE	13	0017	0043	0025	S20	W19	.382	11773	11.6	26	-N	2	C	1.65				
VORO	13	0017	0043	0022	S20	W19	.382	11773	11.6	26	-N	2	C	.83				F
CRON	13	0020	0042	0023	S22	W19	.400	11773	11.6	22	-B		C	1.02	1.10			EJ
	13	0023E	0044		S20	W20	.394	11773	11.5	21D	-N		V	1.00				77
181 TEHR	13	0436	0447	0438	S19	E27	.481	11778	15.2	11	--N	3	C	.09				D 4
3 STATIONS REPORTING GROUP 43182. GRP43182 CAPS	13	1119	1140	1134	N13	E11	.390	11776	14.3	21	--F		C	.54				3 3 3 6
RAMY	13	1119	1138D		N13	E12	.398	11776	14.4	19D	-N	3	V	.50	.50			157
TEHR	13	1132E	1140D	1132	N15	E12	.426	11776	14.4	8D	-F	2	C	.93				D
	13	1135E	1140D	1135	N12	E10	.368	11776	14.2	5D	-F	2	C	.20				D
182 CAPS	13	1119	1138D		N15	E21	.507	11776	15.0	19D	*-F	3	V	.80	.90			157 5
GRP43183 ABST	14	0743	0755	0745	S20	E14	.320	11778	15.4	12	--F		C	.68				4 4 4 7
BUCA	14	0740	0800D	0742	S19	E14	.309	11778	15.4	10	-N		C	1.07	1.10			E
TEHR	14	0743	0755	0745	S20	E14	.320	11778	15.4	20D	-F		C	1.10	1.20			
GARR	14	0747	0755		S20	E12	.297	11778	15.2	12	-N	3	C	.20				D
	14				S20	E14	.320	11778	15.4	8	-F		V	.35	.50			
GRP43188 RAMY	14	1310	1330	1317	N16	E60	.897	11783	19.0	20	--F		C	.19				2 2 2 9
TEHR	14	1310	1331	1313	N15	E62	.909	11783	19.2	21	-F	3	C	.28				D
	14	1320E	1329	1320	N17	E58	.885	11783	18.9	9D	-F	3	C	.09				D
193 LOCK	14	1720	1730	1724	S07	W83	.991	11769	8.5	10	--F		C					H 3
194 RAMY	14	1913	1930	1925	N15	E58	.880	11783	19.2	17	--F	2	C	.37				D 2

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	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 Hd	MAX. INT. %		
					LAT.	MER. DIST.													
GRP43195 LOCK RAMY BOUL	14	2127	2143	2130	S18	E06	.213	11778	15.3	16	--F							3 3 1 3	
	14	2127	2138	2130	S18	E06	.213	11778	15.3	11	-F							D	
	14	2128E	2137	2131	S18	E06	.213	11778	15.3	90	-F	2	C						
	14	2128E	2153	2130U	S18	E07	.221	11778	15.4	250	-N	3	V	2130					
GRP43196 RAMY LOCK BOUL	14	2130	2201	2133	N14	E56	.861	11783	19.1	31	--F							3 3 1 3	
	14	2130	2143	2133	N14	E58	.877	11783	19.2	13	-F	2	C					D	
	14	2130	2150	2134	N15	E56	.864	11783	19.1	20	-F								
	14	2133E	22300	2133U	N14	E54	.844	11783	18.9	570	-N	3	V	2133					
GRP43197 RAMY LOCK	14	2206	2220	2208	N15	E57	.872	11783	19.2	14	--F							2 2 1 4	
	14	2204	2208D	2206	N14	E58	.877	11783	19.3	40	-F	2	C					D	
	14	2207	2220	2210	N15	E56	.864	11783	19.1	13	-F								
GRP43200 PALE TEHR MANI	15	0409	0420	0413	S18	E04	.200	11778	15.5	11	--N							3 3 3 5	
	15	0408	0410D	0410	S18	E04	.200	11778	15.5	20	-N	1	C					F	
	15	0409	0419	0412	S18	E03	.195	11778	15.4	10	-N	4	C					F	
	15	0412E	0421	0417	S18	E04	.200	11778	15.5	90	-N	2		0417		.42			
GRP43201 TEHR MANI	15	0449	0507	0453	S19	W52	.786	11773	11.3	18	--F							2 2 1 4	
	15	0449	0503		S18	W50	.764	11773	11.5	14	-N	3	C					D	
	15	0450E	0510	0453	S19	W53	.796	11773	11.2	200	-F	2		0453		.41	.66		
4 STATIONS REPORTING GROUP 43202.										3 STATIONS OBSERVING AND NOT REPORTING.									
GRP43202 SIBE MANI	15	0526	0616	0545	N15	W30	.603	11775	13.0	50	--F							2 2 2 6	
	15	0526E	0549D		N15	W29	.592	11775	13.1	230	-F		C	0549		.86	.89	63	
	15	0527E	0616	0545	N14	W30	.595	11775	13.0	490	-N	2		0545		.83	1.05		
43202 TEHR CRON	15	0528	0549	0531	N13	W27	.553	11775	13.2	21	*-F							2 2 2 5	
	15	0528	0540D	0531	N12	W28	.556	11775	13.1	120	-F	3	C			.32	.29	F	
	15	0530E	0549		N14	W26	.550	11775	13.3	190	-F		V			.35			
GRP43207 ZURI WEND MEUD CANR CAPS CATA ATHN TEHR	15	1019	1034	1022	S18	E01	.189	11778	15.5	15	--N							8 8 8 10	
	15	1015	1034	1019	S18	W01	.189	11778	15.4	19	-N		C	1019		1.05	1.10		
	15	1015E	1033		S19	E01	.206	11778	15.5	180	1F		V			3.09			
	15	1017	1030	1020	S17	W01	.172	11778	15.4	13	-F	C	1020		.93	.90			
	15	1017	1035		S17	E00	.171	11778	15.4	18	-N	V	1020		.60	.70			
	15	1018E	1025D		S19	E04	.216	11778	15.7	70	-N	3	V	1018		1.00	1.00	171	
	15	1020	1035	1025	S18	E01	.189	11778	15.5	15	-N	C	1025		.34	.35	178		
	15	1023E	1025D	1023	S18	W01	.189	11778	15.4	20	-N	2	C			.66		GE	
	15	1023	1037	1025	S17	E01	.172	11778	15.5	14	-N	3	C			.20		D	
	15	1747E	1810	1747	S09	W83	.990	11769	9.5	230	--F		C					H 3	
GRP43212 PALE HUAN	15	1840	1845	1841	S18	W05	.206	11778	15.4	5	--F							2 2 2 5	
	15	1840	1845D	1841	S18	W04	.200	11778	15.5	50	-N	1	C			.38	.45	F	
	15	1840	1841D		S18	W05	.206	11778	15.4	10	-F	1	P	1841		.31	.32		
213 LOCK	15	1918	2012	1925	S09	W83	.990	11772	9.6	54	--F		C					HK 3	
214 LOCK	15	1918	2012	1950	S09	W83	.990	11772	9.6	54	--F		C					HK 2	
GRP43215 LOCK BOUL	15	2140	2147	2141	S18	W06	.213	11778	15.5	7	--F							2 2 0 2	
	15	2138	2143	2140	S19	W06	.228	11778	15.5	5	-F		C						
	15	2141	2151	2142	S17	W06	.198	11778	15.5	10	-F	3	V	2142					
GRP43216 PALE LOCK	15	2232	2256	2240	N15	W20	.496	11776	14.4	24	--F							2 2 1 3	
	15	2231	2251	2238	N15	W20	.496	11776	14.4	20	-F	2	C			.72	.72	F	
	15	2232	2300	2242	N14	W20	.485	11776	14.4	28	-F		C						
15 2407 0000 NO FLARE PATROL																			
GRP43222 ATHN CANR MEUD KHAR ARCE	16	0953	1008	0956	S16	W67	.913	11773	11.4	15	1N							5 5 5 11	
	16	0951	1004	0954	S17	W68	.920	11773	11.3	13	-N	2	C			.66		F	
	16	0952	1007		S17	W67	.913	11773	11.4	15	-N	V			.30	.60			
	16	0954	1000	0957	S17	W66	.906	11773	11.5	6	-F	C	0957		.41				
	16	0955	1030D	0958	S13	W67	.914	11773	11.4	350	2N	P	0959		3.97	9.70	1.80	T	
	16	0955E	1000D		S17	W67	.913	11773	11.4	50	-F	C	0957		.25				
GRP43231 BOUL PALE PALE	16	1701	1732	1702	N11	E47	.768	11783	20.2	31	--F							2 2 1 5	
	16	1701	1730	1701	N11	E46	.757	11783	20.2	29	-F	3	V	1701				F	
	16	1702E	1708D	1702	N12	E48	.782	11783	20.3	60	-F	2	C			.63		F	
	16	1725E	1734D	1725	N11	E48	.778	11783	20.3	90	-F	2	C			.36		F	
GRP43232 LOCK BOUL	16	1735	1810	1750	N12	E56	.856	11783	20.9	35	--F							2 1 0 4	
	16	1735	1810	1750	N12	E56	.856	11783	20.9	35	-F		C						
	16	1745	1754	1745	N11	E46	.757	11783	20.2	9	-F	3	V	1745					

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	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMT PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %				
					LAT.	MER. DIST.															
1972 MAR																					
GRP43233 PALE RANY	16	1804	1830	1809	N08	W15	.363	11777	15.6	26	--F	3	C	1915	.24			2	2	2	3
	16	1804E	1830D	1808	N08	W15	.363	11777	15.6	26D	-F	4	C		.19			F			
	16	1808E	1817D	1810	N07	W15	.352	11777	15.6	9D	-F				.28			D			
234 HUAN	16	1903E	1915D		N10	E46	.754	11783	20.2	12D	--F	1	P	1915	.26	.39					2
GRP43235 LOCK	16	2251	2309	2253	N10	E59	.876	11783	21.4	18	-N				.94			4	4	2	5
	16	2250	2305	2253	N10	E58	.868	11783	21.3	15	-F		C					H			
	16	2251	2259	2252	N12	E60	.888	11783	21.5	8	-B	3	C	2252	.74	1.50					69
	16	2252	2310	2255	N10	E60	.884	11783	21.5	18	-F	3	V	2255							
	16	2255E	2323		N08	E59	.872	11783	21.4	28D	1N		P	2257	1.13						
GRP43242 HTPR MEUD	17	1004	1009	1004	N11	W23	.488	11777	15.7	5	--F				.37			2	2	2	9
	17	1003	1009	1004	N12	W23	.497	11777	15.7	6	-F		C	1004	.21	.20					
	17	1004	1008	1004	N10	W23	.479	11777	15.7	4	-F		C	1004	.52	.60					
GRP43243 HTPR MEUD	17	1009	1045	1012	S07	W03	.052	11781	17.2	36	--F				.83			2	2	2	7
	17	1008	1050	1012	S07	W02	.035	11781	17.3	42	-F		C	1012	.62	.60					
	17	1010	1040		S07	W03	.052	11781	17.2	30	-F		C	1016	1.03	1.00					
GRP43248 RANY HTPR	17	1519	1527	1523	N03	W31	.538	11777	15.3	8	--F				.24			2	2	2	5
	17	1517	1527D	1522	N03	W30	.524	11777	15.4	10D	-F	3	C		.26			D			
	17	1521	1526	1523	N03	W31	.538	11777	15.3	5	-F		C	1523	.21	.30					
GRP43250 BOUL RANY HUAN	17	1620	1705	1624	S10	E02	.061	11781	17.8	45	--F				.33			3	2	2	4
	17	1619	1705	1620	S10	E02	.061	11781	17.8	46	-F	3	V	1620	.30	.30					
	17	1620	1705	1628	S09	E02	.048	11781	17.8	45	-F	2	C		.36			D			
	17	1633	1645D		S09	E02	.048	11781	17.8	12D	-F	1	P	1640	.21	.21					
253 LOCK	17	1829	1837	1832	N05	E81	.990	11787	23.8	8	--F										3
GRP43254 LOCK BOUL PALE	17	1917	1941	1925	S09	E00	.033	11781	17.8	24	-N				1.07			3	3	2	3
	17	1915	1940	1925	S10	W01	.053	11781	17.7	25	-N		C								
	17	1917	1944	1925	S09	E00	.033	11781	17.8	27	-N	2	C	1925	.86	.86					
	17	1919	1938	1924	S09	E01	.037	11781	17.9	19	-N	2	C		1.27			F			
GRP43255 PALE MITK CRON	18	0149	0211	0152	N05	W35	.601	11777	15.5	22	-N	3	C		1.04			3	3	3	3
	18	0148	0203	0152	N05	W35	.601	11777	15.4	15	-N				.91						
	18	0150	0225	0152	N04	W35	.597	11777	15.5	35	1N		C	0152	1.86	2.30					
	18	0155E	0206		N06	W36	.619	11777	15.4	11D	-F		V		.35						
256 PALE	18	0417	0421D	0417	N12	E27	.544	11783	20.2	4D	--F	2	C		.55			F			4
257 MITK	18	0435	0445	0436	S24	W33	.586	11778	15.7	10	--N		C	0436	.52	.60					3
GRP43263 HTPR ATHN	18	1205	1216	1209	N14	E08	.384	11783	19.1	11	--F				.46			2	2	2	7
	18	1204	1215	1209	N14	E08	.384	11783	19.1	11	-F		C	1209	.41	.40					
	18	1206	1216	1209	N13	E07	.363	11783	19.0	10	-N	2	C		.50			F			
GRP43266 CANR HTPR BOUL	18	1620	1641	1623	N11	E18	.430	11783	20.0	21	-N				1.00			3	3	3	4
	18	1617	1640	1620	N10	E17	.408	11783	20.0	23	-N	2	C	1620	.65	.71					
	18	1618	1629D	1621	N11	E18	.430	11783	20.0	11D	-N		C	1621	1.34	1.50					
	18	1624	1642	1628	N11	E20	.453	11783	20.2	18	-N	3	V	1628	1.00	1.00					
GRP43267 RANY LOCK PALE CANR	18	1714	1736	1720	S19	E32	.549	11784	21.1	22	-N				.97			4	4	3	4
	18	1713	1740	1719	S18	E32	.545	11784	21.1	27	-N	2	C		.83			F			
	18	1715	1730	1720	S20	E32	.553	11784	21.1	15	-N		C								
	18	1715	1735	1719	S19	E31	.536	11784	21.0	20	-N	3	C		1.44			UF			
	18	1719E	1738	1721U	S19	E31	.536	11784	21.0	19D	-B	2	C	1721	.65	.76					
GRP43271 MCMA LOCK PALE	18	2146	2230	2156	S20	E30	.527	11784	21.2	44	--F				.95			3	3	2	5
	18	2143	2205D	2153	S19	E30	.522	11784	21.2	22D	-F		C	2153	.62	.70					
	18	2145	2230	2200	S20	E30	.527	11784	21.2	45	-F		C					E			
	18	2150	2230	2156	S20	E30	.527	11784	21.2	40	-N	3	C		1.27			UF			
6 STATIONS REPORTING GROUP 43272. 1 STATIONS OBSERVING AND NOT REPORTING.																					
GRP43272 MITK CRON MANI PALE	19	0156	0241	0205	N12	E14	.401	11783	20.1	45	-N				1.49			4	4	4	6
	19	0152E	0300		N12	E15	.410	11783	20.2	68D	1N		C	0153	2.89	3.10					
	19	0156E	0236	0203	N10	E14	.375	11783	20.1	40D	-N		V	0203	.75						
	19	0157E	0229	0205	N12	E14	.401	11783	20.1	32D	-N	2	C	0205	1.24	1.34					
	19	0158	0237	0208	N12	E13	.391	11783	20.1	39	-N	2	C		1.08			F			
43272 SIBE KODA	19	0205	0250	0224	N11	E15	.398	11783	20.2	45	*-F				1.37			2	2	2	6
	19	0205E	0248	0221	N10	E12	.356	11783	20.0	43D	-F		C	0221	1.34	1.35					72
	19	0227E	0252	0227	N11	E17	.419	11783	20.4	25D	-N		V	0227	1.39	1.40	1.84				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 Hg	MAX. INT. %	
1972 MAR																		
GRP43275	19	0331	0355	0341	S19	E29	.509	11784	21.3	24	--F						3 3 3 4	
SIBE	19	0331E	0359	0340	S20	E27	.488	11784	21.2	28D	1F	C	0340	1.93	2.43		E	
CRON	19	0337E	0356	0340	S19	E35	.588	11784	21.8	19D	-F	V	0340	.70				
MANI	19	0344E	0349	0344	S19	E26	.468	11784	21.1	5D	-N	2	0344	.72	.82			
276 CRON	19	0454	0503	0456	S19	E60	.861	11786	23.7	9	--N	V	0456	.60			3	
GRP43281	19	1314	1331	1317	N05	E69	.939	11787	24.7	17	--F						4 4 4 7	
MCMA	19	1313	1326	1316	N08	E68	.936	11787	24.7	13	-F	C	1316	.31	.80		E	
RAMY	19	1314	1339	1317	N06	E68	.934	11787	24.7	25	-F	4	C	.46			D	
CANR	19	1314	1327		N03	E71	.949	11787	24.9	13	-N	V	1315	.25	.60		D	
ATHN	19	1318E	1320D	1319	N04	E70	.944	11787	24.8	2D	-F	2	C	.33			D	
GRP43282	19	1421	1440	1425	N13	E05	.353	11783	20.0	19	--F						3 3 3 5	
MCMA	19	1420	1435D	1423	N13	E04	.350	11783	19.9	15D	-F	C	1423	.31	.30		E	
RAMY	19	1421	1450	1426	N14	E05	.369	11783	20.0	29	-N	4	C	.74			D	
BOUL	19	1422	1435	1427	N12	E06	.342	11783	20.0	13	-F	2	V	1427	.80	.80		
GRP43283	19	1502	1513	1504	S18	E22	.408	11784	21.3	11	-N						5 5 4 7	
ATHN	19	1501E	1509D	1502	S21	E21	.417	11784	21.2	8D	-N	2	C	.99			D	
RAMY	19	1501	1519	1504	S20	E21	.409	11784	21.2	18	-N	4	C	.84			D	
CAPS	19	1502	1507D		S12	E24	.409	11784	21.4	5D	-N	1	S	.80	.90			
ZURI	19	1502E	1509	1502	S19	E21	.401	11784	21.2	7D	-N		P	.53	.60		170	
ONDR	19	1505E	1513	1508	S19	E23	.428	11784	21.4	8D	1N		V	1508		2.40	C	
GRP43284	19	1723	1751	1723	S19	E19	.374	11784	21.1	28	--F						3 2 2 4	
RAMY	19	1723E	1740	1723	S20	E20	.396	11784	21.2	17D	-N	3	C	.74			D	
MCMA	19	1723	1730D	1723	S18	E18	.353	11784	21.1	7D	-F		C	.41	.40		E	
CANR	19	1737	1751		S20	E20	.396	11784	21.2	14	-N		V	.65	.70			
GRP43286	19	2153	2227	2216	S19	E15	.323	11784	21.0	34	--N						2 1 1 3	
HUAN	19	2153	2227D	2216	S19	E15	.323	11784	21.0	34D	-N	2	C	.26	.28			
PALE	19	2156E	2220	2157	S17	E15	.304	11784	21.0	24D	-N	2	C	.41				
19 2359 0002 NO FLARE PATROL																		
GRP43287	20	0019	0034	0026	S21	E51	.779	11786	23.8	15	1F						3 3 3 4	
CULG	20	0019	0040D		S20	E52	.788	11786	23.9	21D	2F	P	0029	1.71	5.30		HL	
CRON	20	0025E	0030		S22	E51	.781	11786	23.8	5D	-F	V		.45				
PALE	20	0026E	0031D	0026	S21	E51	.779	11786	23.8	5D	-F	1	C	1.27			F	
288 PALE	20	0221E	0242D	0223	N11	E04	.317	11783	20.4	21D	--F	1	C	.55			H 3	
289 PALE	20	0323E	0340D	0327	N09	E57	.857	11787	24.4	17D	--F	1	C	.63			F 4	
GRP43292	20	0524	0538	0526	N08	E54	.828	11787	24.3	14	-N						3 3 2 5	
ATHN	20	0524	0536	0526	N08	E55	.837	11787	24.4	12	-N	1	C	.33			D	
MANI	20	0524	0540	0525	N08	E53	.819	11787	24.2	16	-N	2	C	.83	1.38			
SIBE	20	0525E	0532D		N08	E55	.837	11787	24.4	7D	-F		V				D	
GRP43293	20	0525	0554	0544	N10	E02	.295	11783	20.4	29	-F						4 4 3 5	
ATHN	20	0524	0552	0544	N11	E02	.312	11783	20.4	28	-N	1	C	.87				
ATHN	20	0524	0552	0525	N11	E02	.312	11783	20.4	28	-N	1	C	1.32			F	
MANI	20	0525	0556	0544	N10	E02	.295	11783	20.4	31	-N	2	C	1.03	1.08			
SIBE	20	0542E	0555D		N10	E02	.295	11783	20.4	13D	-F		V	.60			EIL	
CRON	20	0544E	0553		N10	E02	.295	11783	20.4	9D	-F		V					
GRP43294	20	0626	0643	0629	N08	E54	.828	11787	24.3	17	-N						3 3 3 5	
ABST	20	0625	0642	0627	N09	E55	.840	11787	24.4	17	1N		C	0627	1.35	2.40	EZ	
MANI	20	0625	0645	0630	N08	E52	.809	11787	24.2	20	-N	2	C	0630	1.24	2.06		
ATHN	20	0627	0643	0630	N08	E54	.828	11787	24.3	16	-N	2	C	.99			D	
5 STATIONS REPORTING GROUP 43297. 7 STATIONS OBSERVING AND NOT REPORTING.																		
GRP43297	20	0824	0841	0832	N12	E01	.327	11783	20.4	17	--N						3 3 2 12	
ZURI	20	0817	0835	0831	N12	E00	.326	11783	20.3	18	-N		C	0831	1.26	1.30		
ISTA	20	0825	0835		N11	E00	.310	11783	20.4	10	-N						B	
ATHN	20	0830	0852	0833	N13	E04	.349	11783	20.7	22	-N	2	C	.50			D	
43297	20	0817	0833	0820	N11	E01	.310	11783	20.4	16	*-F						3 3 3 12	
ARCE	20	0801E	0840D		N11	E01	.310	11783	20.4	39D	-F		C	0820	.59	.60		
ABST	20	0816	0826	0820	N11	E01	.310	11783	20.4	10	-F		C	0820	.90	1.00	DJ	
ATHN	20	0818	0833	0820	N11	E00	.310	11783	20.3	15	-N	2	C	.50			F	
ARCE	20	0826E	0915D		N14	E04	.365	11783	20.7	49D	-F		C	0826	.28	.30		

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM-POR-TANCE	OBS. COND.	MEASUREMENTS					REMARKS				
	DATE	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hg	MAX. INT. %					
	1972 MAR																					
GRP43329	21	0932	0949	0934	S19	W05	.224	11784	21.0	17	--F						8	8	7	12		
ARCE	21	0929	0949	0933	S19	W06	.230	11784	20.9	20	-N	C	0933	.96	1.00							
ZURI	21	0930	0948	0935	S19	W06	.230	11784	20.9	18	-N	C	0935	.79	.80							
KHAR	21	0930	0950		S19	W04	.218	11784	21.1	20	1F	P	0938	2.84	2.90	2.00						
ATHN	21	0930	0950	0933	S20	W07	.253	11784	20.9	20	-F	C		.50						D		
HTPR	21	0931	0955	0934	S19	W05	.224	11784	21.0	24	-F	C	0934	.31	.30					E		
ISTA	21	0931	0935		S20	W05	.239	11784	21.0	4	-F											
CATA	21	0935	0955	0935	S20	W05	.239	11784	21.0	20	-N	C	0935	1.39	1.43				191			
CAPS	21	0936	0950		S19	W04	.218	11784	21.1	14	-F	3	V	0937	1.00	1.00				182		
GRP43336	21	1311	1328	1313	N07	E43	.709	11787	24.8	17	-N			.84							5 5 5 8	
ATHN	21	1309	1328	1312	N06	E43	.705	11787	24.8	19	-N	2	C		.99							
RAMY	21	1310	1325	1312	N07	E42	.697	11787	24.7	15	-N	3	C		.93							
ARCE	21	1310E	1330D		N07	E42	.697	11787	24.7	20D	-B	C	1315	.14	.16							
CAPS	21	1312E	1322D		N08	E45	.735	11787	24.9	10D	-N	3	V	1313	1.00	1.60				182	C	
CATA	21	1315	1330	1315	N05	E43	.702	11787	24.8	15	-N		C	1315	1.16	1.61				191		
GRP43341	21	1507	1529	1509	N11	E39	.679	11787	24.6	22	--F			.32							2 2 2 5	
RAMY	21	1505	1533	1508	N12	E38	.673	11787	24.5	28	-F	2	C		.31							
ATHN	21	1508	1525	1510	N10	E40	.686	11787	24.6	17	-F	2	C		.33							
GRP43342	21	1536	1544	1539	N09	E34	.608	11787	24.2	8	--F			.28							2 1 1 4	
RAMY	21	1536	1544	1539	N09	E34	.608	11787	24.2	8	-F	3	C		.28							
ATHN	21	1537	1544	1539	N10	E34	.614	11787	24.2	7	-F	2	C		.33							
GRP43343	21	1544	1557	1546	N09	E42	.705	11787	24.8	13	-N			.90							5 5 5 6	
RAMY	21	1541	1554	1546	N08	E42	.701	11787	24.8	13	-N	3	C		.84							
BOUL	21	1544	1555	1547	N10	E41	.698	11787	24.7	11	-N	3	V	1547	1.20	1.60						
ATHN	21	1544	1558	1547	N09	E42	.705	11787	24.8	14	-N	2	C		.83							
ATHN	21	1544	1558	1553	N09	E42	.705	11787	24.8	14	-N	2	C		.33							
CAPS	21	1545E	1551D		N08	E43	.712	11787	24.9	6D	-N	3	V	1546	1.00	1.60				182	C	
CATA	21	1545	1600	1545	N08	E42	.701	11787	24.8	15	-N		C	1545	.63	.90				191		
GRP43346	21	1730	1747	1734	N08	E33	.590	11787	24.2	17	--F			.41							4 4 3 4	
RAMY	21	1728	1751	1734	N07	E33	.585	11787	24.2	23	-N	3	C		.46							
PALE	21	1730	1744	1735	N09	E34	.608	11787	24.3	14	-N	3	C		.45							
LOCK	21	1730E	1740	1730	N07	E33	.585	11787	24.2	10D	-F	C										
BOUL	21	1733	1753	1735	N07	E33	.585	11787	24.2	20	-F	2	C	1735	.32	.40						
GRP43348	21	1923	1936	1927	N10	E40	.686	11787	24.8	13	--F			.20							2 2 2 3	
RAMY	21	1923	1936	1924	N08	E39	.665	11787	24.7	13	-F	3	C		.21							
PALE	21	1926E	1931D	1929	N11	E40	.691	11787	24.8	5D	-F	3	C		.19							
GRP43349	21	1938	1946	1942	N08	E39	.665	11787	24.7	8	--F			.32							2 2 2 4	
RAMY	21	1937	1946	1940	N07	E38	.648	11787	24.7	9	-F	2	C		.28							
PALE	21	1939	1946D	1943	N09	E39	.670	11787	24.7	7D	-F	4	C		.36							
GRP43350	21	2003	2015	2006	S19	W87	.996	11778	15.3	12	--F			.30							2 2 1 4	
RAMY	21	1959E	2009		S20	W85	.992	11778	15.5	10D	-F	2	C									
BOUL	21	2006	2020	2006U	S18	W88	.997	11778	15.2	14	-F	2	V	2006	.30	1.10						
GRP43351	21	2105	2120	2107	S20	W86	.994	11778	15.4	15	--F			.28							2 2 2 4	
BOUL	21	2105	2120	2107	S18	W88	.997	11778	15.3	15	-F	3	V	2107	.30	1.10						
PALE	21	2105E	2109D	2106	S21	W83	.988	11778	15.7	4D	-F	3	C		.26							
GRP43352	21	2140	2153	2145	N10	E34	.614	11787	24.5	13	--F			.38							3 3 2 3	
LOCK	21	2135	2155	2140	N10	E34	.614	11787	24.4	20	-F											
BOUL	21	2145	2154	2148	N12	E35	.638	11787	24.5	9	-F	3	V	2148	.30	.35						
RAMY	21	2147E	2150	2147	N08	E34	.603	11787	24.5	3D	-F	2	C		.46							
353 VORO	21	2231	2238	2236	N13	E34	.633	11787	24.5	7	-B		C	2236	.93	1.20				65	DH	3
GRP43354	21	2353	0009	2356	N09	E37	.645	11787	24.8	16	--N			.70							4 4 3 7	
LOCK	21	2350	0010	2355	N08	E36	.628	11787	24.7	20	-N											
GRON	21	2353E	0003	2355	N07	E38	.648	11787	24.8	10D	-F	C	V	2355	.40							
VORO	21	2354	0009	2356	N11	E35	.632	11787	24.6	15	-B		C	2356	1.20	1.50				68	EJ	
BOUL	21	2355	0013	2356	N09	E38	.658	11787	24.8	18	-N	2	V	2356	.50	.60						
GRP43355	22	0130	0136	0132	S22	E26	.488	11786	24.0	6	--N			.60							2 2 2 3	
PALE	22	0128E	0135D	0131	S22	E26	.488	11786	24.0	7D	-F	2	C		.36							
VORO	22	0131	0136	0132	S21	E26	.481	11786	24.0	5	-B		C	0132	.84	.90				71	DGJ	
GRP43356	22	0458	0540	0513	S10	W57	.833	11781	17.9	42	1N			3.19							5 5 5 6	
CULG	22	0456	0603D	0512	S10	W52	.782	11781	18.3	67D	2B			4.64	7.42							
TACH	22	0500	0535	0512	S11	W58	.842	11781	17.9	35	2F		C	0512	5.47	9.85				61	SU	
ATHN	22	0504E	0546	0511	S11	W57	.833	11781	17.9	42D	1N	1	C		2.97							
GRON	22	0504E	0540	0515	S09	W62	.878	11781	17.6	36D	-N		V	0515	1.00							
MANI	22	0510E	0518	0514	S08	W56	.824	11781	18.0	8D	1N	2		0514	1.86	3.15						
MANI	22	0548E	0633	0550	S07	W55	.815	11781	18.1	45D	-N	2		0550	1.03	1.72						

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OBSERVATORY	OBSERVED UT			LOCATION					DURATION	IM-POR-	OBS.	MEASUREMENTS				REMARKS	
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMAH PLAGE REGION				CMP DAY	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.		MAX. WIDTH Ha
GRP43395	23	1020	1033	1022	S17	W36	.595	11784	20.7	13	--B		.56				5 5 5 7
ATHN	23	1020	1035	1022	S18	W36	.598	11784	20.7	15	-N	3	.66				D
CATA	23	1020	1035	1020	S17	W36	.595	11784	20.7	15	-B		.58	.72			237
HTPR	23	1020	1032	1023	S18	W36	.598	11784	20.7	12	-N	C	.21	.30			
CAPS	23	1021E	1033D		S15	W35	.577	11784	20.8	12D	-B	P	.80	1.00			220
ZURI	23	1021	1030	1022	S18	W37	.611	11784	20.7	9	-B	C	.53	.70			
GRP43396	23	1113	1122	1116	N09	W17	.395	11791	22.2	9	--N		.85				5 5 5 8
RAMY	23	1111	1120	1114	N09	W16	.384	11791	22.3	9	-N	3	.84				D
ATHN	23	1113	1123	1116	N09	W17	.395	11791	22.2	10	-N	3	.66				D
HTPR	23	1114	1125	1116	N10	W16	.395	11791	22.3	11	-N	C	.62	.70			
ZURI	23	1114	1120	1116	N09	W17	.395	11791	22.2	6	-B	C	.93	1.00			
CAPS	23	1115E	1121D		N09	W18	.407	11791	22.1	6D	-B	V	1.20	1.30			204
GRP43399	23	1219	1232	1221	N10	W18	.417	11791	22.2	13	--F		.47				4 4 4 9
RAMY	23	1218	1232	1220	N09	W17	.395	11791	22.2	14	-N	3	.46				D
ATHN	23	1219	1230	1221	N10	W18	.417	11791	22.2	11	-N	3	.50				D
CAPS	23	1220E	1233D		N09	W18	.407	11791	22.2	13D	-F	V	.70	.80			154
HTPR	23	1220	1232	1221	N10	W18	.417	11791	22.2	12	-F	C	.21	.20			
GRP43400	23	1233	1243	1237	N10	E09	.328	11787	24.2	10	--N		.96				6 6 5 9
RAMY	23	1231	1244	1236	N09	E09	.314	11787	24.2	13	-N	3	.65				H
ATHN	23	1231	1243	1237	N10	E08	.321	11787	24.1	12	-N	3	.83				FH
ATHN	23	1231	1243	1234	N10	E08	.321	11787	24.1	12	-N	3	.50				D
TEHR	23	1232E	1240D		N10	E09	.328	11787	24.2	8D	-N	1					
HTPR	23	1232	1245	1238	N11	E09	.343	11787	24.2	13	-F	C	.52	.50			
HTPR	23	1232	1245	1234	N11	E09	.343	11787	24.2	13	-F	C	.10	.10			
CAPS	23	1233	1242		N07	E13	.326	11787	24.5	9	-B	V	1.80	1.80			196
ZURI	23	1237	1243	1238	N10	E08	.321	11787	24.1	6	-N	C	1.01	1.10			
GRP43404	23	1408	1426	1412	N09	W18	.407	11791	22.2	18	--F		.72				8 8 7 9
HTPR	23	1359	1419	1412	N10	W19	.429	11791	22.2	20	-F	C	.93	1.00			
ARCE	23	1405E	1440D		N10	W18	.417	11791	22.2	35D	-F	C	.31	.30			
ATHN	23	1406	1425	1411	N10	W19	.429	11791	22.2	19	-N	3	.66				D
RAMY	23	1408	1423	1412	N09	W17	.395	11791	22.3	15	-F	3	.56				D
ONDR	23	1410E	1422		N08	W19	.409	11791	22.2	12D	1N	V			2.20		CDH
ZURI	23	1410	1422	1412	N09	W17	.395	11791	22.3	12	-F	C	.91	1.00			
LOCA	23	1412E	1434	1415	N09	W15	.372	11791	22.5	22D	-N	V	1.05	1.10			
CAPS	23	1413	1420D		N09	W18	.407	11791	22.2	7D	-F	3	.60	.60			
GRP43406	23	1434	1442	1436	N08	E18	.396	11787	25.0	8	--F		.31				3 2 2 8
ATHN	23	1433	1443	1436	N08	E17	.384	11787	24.9	10	-N	3	.33				D
RAMY	23	1434	1441	1436	N07	E18	.387	11787	25.0	7	-F	3	.28				D
ARCE	23	1435E	1445D		N07	E08	.277	11787	24.2	10D	-F	C	.09	.10			
GRP43407	23	1501	1524	1506	N09	W17	.395	11791	22.4	23	--F		1.34				4 4 4 7
RAMY	23	1501	1531	1506	N08	W15	.361	11791	22.5	30	-F	4	.74				F
ATHN	23	1501	1521	1505	N10	W17	.406	11791	22.4	20	-N	2	.66				D
ZURI	23	1502	1520	1508	N09	W17	.395	11791	22.4	18	-F	C	.95	1.10			
CAPS	23	1508E	1519D		N09	W17	.395	11791	22.4	11D	1F	2	3.00	3.00			147
GRP43408	23	1533	1547	1538	S18	W39	.637	11784	20.7	14	--F		.40				3 3 2 6
RAMY	23	1532	1546	1536	S17	W38	.621	11784	20.8	14	-F	4	.46				D
ATHN	23	1533	1548	1538	S19	W39	.639	11784	20.7	15	-N	2	.33				D
LOCK	23	1535	1547	1540	S19	W39	.639	11784	20.7	12	-F	C					
GRP43409	23	1542	1553	1544	S12	E34	.558	11792	26.2	11	--F		.17				2 2 1 6
LOCK	23	1540	1554	1543	S12	E34	.558	11792	26.2	14	-F	C					
ATHN	23	1543	1552	1545	S12	E34	.558	11792	26.2	9	-F	1	.17				D
GRP43410	23	1546	1554	1550	N10	E08	.321	11787	24.3	8	--N		.69				6 6 5 7
CAPS	23	1540E	1547D		N07	E11	.305	11787	24.5	7D	-F	2	.60	.60			C
LOCK	23	1547	1556	1550	N11	E06	.324	11787	24.1	9	-N	V					H
RAMY	23	1547	1552	1549	N09	E08	.306	11787	24.3	5	-N	4	.84				DH
ATHN	23	1548	1553D	1550	N11	E06	.324	11787	24.1	5D	-N	1	.66				FH
ZURI	23	1549	1552	1550	N10	E08	.321	11787	24.3	3	-N	C	.75	.80			
CATA	23	1550E	1555D	1550	N10	E08	.321	11787	24.3	5D	-N	P	.58	.61			186
GRP43411	23	1547	1555	1550	N10	W19	.429	11791	22.2	8	--F		.50				2 2 1 6
LOCK	23	1543	1555	1547	N11	W19	.440	11791	22.2	12	-F	C					
ATHN	23	1550	1553D	1552	N09	W19	.419	11791	22.2	3D	-N	1	.50				D
GRP43413	23	1631	1643	1634	S19	W31	.536	11784	21.4	12	--F		.28				2 2 1 3
RAMY	23	1630	1645	1633	S18	W32	.546	11784	21.3	15	-F	3	.28				D
LOCK	23	1631	1641	1635	S19	W30	.523	11784	21.4	10	-F	C					
GRP43414	23	1723	1735	1727	S11	E33	.542	11792	26.2	12	--F		.56				2 2 1 2
LOCK	23	1723	1735	1728	S10	E32	.527	11792	26.1	12	-F	C					
RAMY	23	1723	1735	1725	S12	E33	.543	11792	26.2	12	-N	3	.56				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	GCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hc	MAX. INT. %						
					LAT.	MER. DIST.																	
	1972																						
	MAR																						
415 RAMY	23	1729	1751	1733	N09	W19	.419	11791	22.3	22	--F	3	C		.46				D	2			
GRP43416	23	1738	1754	1744	N11	E13	.377	11787	24.7	16	--F				.37					2	2	1	2
RAMY	23	1736	1757	1743	N10	E14	.374	11787	24.8	21	-F	3	C		.37					D			
LOCK	23	1740	1750	1744	N12	E12	.381	11787	24.6	10	-F												
417 RAMY	23	1807E	1826D	1807	N09	E17	.395	11787	25.0	19D	--F	2	C		.19					D	2		
GRP43418	23	1829	1840	1832	N10	E06	.309	11787	24.2	11	--N				.84					2	2	1	2
LOCK	23	1829	1842	1832	N10	E05	.303	11787	24.1	13	-N												
RAMY	23	1831E	1837	1832	N09	E06	.293	11787	24.2	6D	-N	3	C		.84					D			
419 LOCK	23	1915	1940	1922	S09	E31	.511	11792	26.1	25	--F											1	
420 LOCK	23	1938	1945	1940	N08	E04	.267	11787	24.1	7	--F											1	
421 LOCK	23	2120	2140	2125	N12	W42	.718	11783	20.7	20	--F											1	
422 LOCK	23	2145	2155	2148	N10	E02	.293	11787	24.1	10	--F											1	
423 LOCK	23	2203	2215	2207	N05	E04	.218	11787	24.2	12	--F											2	
GRP43424	23	2226	2301	2236	S17	W42	.672	11784	20.8	35	-B				1.72					4	4	3	5
CULG	23	2225E	2301	2236	S18	W42	.674	11784	20.8	36D	1B				2.48	3.24				R			
LOCK	23	2225	2250	2228	S19	W43	.688	11784	20.7	25	-N									K			
LOCK	23	2225	2250	2238	S19	W43	.688	11784	20.7	25	-N									K			
VORO	23	2227	2248	2237	S20	W43	.690	11784	20.7	21	1B				2.237	1.66	2.10			93	EHJK		
MANI	23	2238E	2245	2241	S12	W41	.652	11784	20.9	7D	-N	2			2.241	1.03	1.37						
GRP43425	24	0006	0015	0009	N10	E01	.292	11787	24.1	9	--B				.39					2	2	2	3
MANI	24	0004	0017	0008	N09	E01	.275	11787	24.1	13	-N	2			0008	.31	.32						
VORO	24	0007	0013	0009	N10	E01	.292	11787	24.1	6	-B				0009	.46	.50			70	EJ		
GRP43426	24	0358	0451	0427	N06	E02	.226	11787	24.3	53	-N				1.06					4	3	3	5
CULG	24	0358	0505	0423	N06	E01	.224	11787	24.2	67	1B				0423	2.58	2.50			H			
TEHR	24	0422E	0452D	0431	N06	E03	.229	11787	24.4	30D	-N	4			.29					F			
CRON	24	0424E	0435		N05	E02	.209	11787	24.3	11D	-N				.30								
MANI	24	0435E	0448	0440	N06	E02	.226	11787	24.3	13D	-N	2			0440	.83	.85						
GRP43427	24	0501	0512	0504	S19	W43	.688	11784	21.0	11	--N				.65					3	3	3	5
MANI	24	0439	0502	0441	S18	W47	.732	11784	20.7	23	-N	2			0441	1.03	1.52						
MANI	24	0459	0510	0504	S20	W40	.655	11784	21.2	11	-F	2			0504	.72	.96						
TEHR	24	0502	0514	0503	S20	W38	.630	11784	21.4	12	-N	4	C		.09					D			
ATHN	24	0503E	0513	0504	S19	W48	.745	11784	20.6	10D	-N	2	C		.83					D			
GRP43428	24	0616	0632	0620	S18	W46	.721	11784	20.8	16	-N				1.00					6	6	6	8
CRON	24	0615	0618D	0618	S18	W44	.698	11784	21.0	3D	-N				.40								
ABST	24	0616	0630	0618	S18	W48	.743	11784	20.7	14	1N				0618	1.44	2.20			E			
ATHN	24	0617	0631	0620	S16	W48	.741	11784	20.7	14	-B	2	C		1.65					F			
MANI	24	0620E	0634	0620	S18	W47	.732	11784	20.7	14D	-N	2			0620	1.03	1.52						
CAPS	24	0622E	0631D		S19	W48	.745	11784	20.7	9D	-N				0622	1.10	1.50						
TEHR	24	0624E	0632	0625	S19	W43	.688	11784	21.0	8D	-N	4	C		.37					F			
GRP43430	24	0728	0747	0734	N08	W03	.262	11787	24.1	19	--F				.16					3	3	3	8
MANI	24	0728	0741	0733	N08	W02	.260	11787	24.2	13	-F	2			0733	.21	.21						
ATHN	24	0728	0750	0732	N08	W03	.262	11787	24.1	22	-F	3	C		.17					D			
HTPR	24	0728E	0749	0738	N07	W04	.250	11787	24.0	21D	-F				0738	.10	.10						
GRP43433	24	0846	0900	0848	S10	W81	.985	11781	18.3	14	-N				.50					7	7	6	9
CATA	24	0845	0910	0845	S08	W78	.975	11781	18.5	25	-N				.63					182			
ATHN	24	0845	0905	0848	S07	W80	.983	11781	18.4	20	-N	3	C		.50					D			
TEHR	24	0845	0853	0848	S15	W75	.960	11781	18.7	8	-N	4	C		.20					F			
ZURI	24	0845	0900	0847	S10	W83	.990	11781	18.1	15	1N				0847	.63							
HTPR	24	0846	0855	0849	S09	W80	.982	11781	18.4	9	-N				0848	.83							
ISTA	24	0847	0859		S11	W90	1.000	11781	17.6	12	-N									E			
ARCE	24	0848E	0900D		S11	W81	.984	11781	18.3	12D	-F				0848	.22	.70						
GRP43434	24	1019	1041	1023	N07	W04	.250	11787	24.1	22	--N				.74					4	4	4	8
HTPR	24	1012	1040	1023	N04	W03	.196	11787	24.2	28	-N				1024	.41	.40						
HTPR	24	1014	1027	1024	N07	W06	.261	11787	24.0	13	-F				1024	.41	.40						
CATA	24	1020	1100	1020	N07	W03	.246	11787	24.2	40	-N				1020	1.04	1.07			191			
ATHN	24	1020	1035	1024	N07	W03	.246	11787	24.2	15	-N	3	C		.66								
MEUD	24	1021	1027	1023	N07	W04	.250	11787	24.1	6	-F				1023	.83	.80			FH			

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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 Hc	MAX. INT. %	
					LAT.	MER. DIST.												
1972 MAR																		
9 STATIONS REPORTING GROUP 43435.					1 STATIONS OBSERVING AND NOT REPORTING.													
GRP43435	24	1053	1106	1055	S18	W44	.698	11784	21.2	13	-N				1.07		9 9 9 10	
CAPF	24	1050	1100		S18	W44	.698	11784	21.2	10	1N	P	1057		2.68	3.74		
RAMY	24	1050	1102	1054	S16	W45	.706	11784	21.1	12	-N	2 C			.62		D	
ATHN	24	1053	1110	1056	S16	W46	.718	11784	21.0	17	-N	3 C			.83		F	
MEUD	24	1053	1057	1054	S18	W43	.686	11784	21.2	4	-N	C	1054		1.03	1.40	F	
TEHR	24	1053E	1116	1055	S18	W45	.709	11784	21.1	23D	-N	4 C			.38			
HTPR	24	1054	1058	1055	S18	W45	.709	11784	21.1	4	-N	C	1055		.62	.80		
CAPS	24	1054E	1115D		S20	W42	.679	11784	21.3	21D	-B	V	1055		.80	1.10	212 C	
ZURI	24	1054	1110	1055	S18	W44	.698	11784	21.2	16	1N	C	1055		1.85	2.60		
ARCE	24	1057E	1104D		S17	W44	.696	11784	21.2	70	-N	C	1057		.85	1.20		
435 HTPR	24	1054	1107	1055	S18	W52	.786	11784	20.6	13	*-F	C	1055		.21	.30	10	
GRP43441	24	1715	1753	1724	N07	W04	.250	11787	24.4	38	-N				.99		6 6 5 6	
LOCK	24	1713	1800	1725	N06	W05	.239	11787	24.3	47	1N	C						
RAMY	24	1715	1745	1722	N08	W05	.271	11787	24.3	30	-F	2 C			.93		D	
PALE	24	1715	1740D	1722	N07	W04	.250	11787	24.4	25D	-N	3 C			1.08		F	
PALE	24	1715	1740D	1737	N07	W04	.250	11787	24.4	25D	-F	3 C			1.27			
BOUL	24	1716	1757	1726	N07	W02	.243	11787	24.6	41	-N	2 C	1726		1.29	1.30		
HUAN	24	1719E	1745D	1725U	N07	W03	.246	11787	24.5	26D	-N	1 P	1725		.36	.37		
MCHA	24	1723E	1757		N07	W04	.250	11787	24.4	34D	-N	C	1723		1.29	1.30	E	
GRP43442	24	1729	1749	1734	S10	W86	.996	11781	18.3	20	-N				.40		6 6 3 6	
BOUL	24	1728	1749	1732	S09	W83	.990	11781	18.5	21	-N	2 C	1732		.43			
LOCK	24	1728	1750	1731	S11	W83	.990	11781	18.5	22	-N	C						
PALE	24	1729	1740D	1732	S14	W83	.989	11781	18.5	11D	-F	2 C			.55		F	
MCHA	24	1729E	1748	1735	S10	W90	1.000	11781	18.0	19D	-F	C	1735				D	
RAMY	24	1729	1748	1731	S08	W88	.999	11781	18.1	19	-N	2 C						
HUAN	24	1733	1745D	1740U	S10	W90	1.000	11781	18.0	12D	-N	1 P	1740		.21			
GRP43443	24	1756	1802	1758	N10	W31	.577	11791	22.4	6	--F				.33		2 2 2 5	
BOUL	24	1756	1801	1757	N10	W32	.589	11791	22.3	5	-F	2 V	1757		.30	.30		
PALE	24	1756	1802	1759	N10	W29	.552	11791	22.6	6	-F	3 C			.36		F	
GRP43444	24	1824	1850	1829	N05	W07	.239	11787	24.2	26	--F				.38		3 3 2 5	
LOCK	24	1823	1850	1830	N04	W08	.234	11787	24.2	27	-F	C						
RAMY	24	1824	1833D	1828	N05	W06	.231	11787	24.3	9D	-F	2 C			.31		D	
PALE	24	1826	1849	1828	N05	W07	.239	11787	24.2	23	-F	3 C			.45		F	
GRP43445	24	1911	1930	1918	S18	W54	.806	11784	20.7	19	-N				.56		5 5 4 5	
LOCK	24	1903	1930	1917	S20	W53	.798	11784	20.8	27	-F	C						
PALE	24	1910	1928	1917	S18	W55	.815	11784	20.7	18	-N	3 C			.55		HF	
BOUL	24	1915	1930	1917	S18	W55	.815	11784	20.7	15	-F	2 C	1917		.54	.94		
MCHA	24	1915	1930	1918	S19	W54	.807	11784	20.8	15	-N	C	1918		.52	.90	EK	
RAMY	24	1919E	1920D	1919	S17	W51	.774	11784	21.0	1D	-N	2 C			.62		D	
GRP43446	24	2003	2014	2007	N08	W10	.308	11787	24.1	11	--F				.27		2 2 1 5	
LOCK	24	2003	2013	2006	N07	W10	.294	11787	24.1	10	-F	C						
PALE	24	2007E	2015	2007	N08	W09	.299	11787	24.2	8D	-F	3 C			.27		F	
GRP43447	24	2008	2023	2012	N09	W34	.608	11791	22.3	15	--F				.41		3 3 2 5	
MCHA	24	2008	2025	2012	N08	W33	.590	11791	22.4	17	-F	C	2012		.41	.40	E	
LOCK	24	2008	2020	2011	N08	W34	.602	11791	22.3	12	-F	C						
RAMY	24	2010E	2014D	2012	N10	W35	.626	11791	22.2	4D	-F	2 C			.41		D	
GRP43448	24	2143	2204	2149	N06	W01	.224	11787	24.8	21	--F				.31		2 2 1 5	
LOCK	24	2140	2200	2148	N06	W01	.224	11787	24.8	20	-F	C						
RAMY	24	2145	2207D	2150	N06	E00	.224	11787	24.9	22D	-F	2 C			.31		D	
GRP43450	24	2259	2312	2302	S18	W55	.815	11784	20.8	13	--F				.19		3 3 2 5	
LOCK	24	2255	2307	2300	S18	W55	.815	11784	20.8	12	-F	C						
PALE	24	2259	2315	2301	S18	W55	.815	11784	20.8	16	-F	2 C			.17		HH	
BOUL	24	2304	2315	2305	S18	W55	.815	11784	20.8	11	-F	2 V	2305		.20	.40		
GRP43451	24	2336	2343	2338	N07	W13	.326	11787	24.0	7	--N				.68		4 4 3 5	
LOCK	24	2335	2342	2337	N07	W13	.326	11787	24.0	7	-N	C						
PALE	24	2336E	2342	2338	N07	W13	.326	11787	24.0	6D	-F	3 C			.27		F	
VORO	24	2336	2340	2337	N07	W13	.326	11787	24.0	4	-B	C	2337		1.02	1.10	68 D	
BOUL	24	2337	2346	2338	N07	W11	.304	11787	24.2	9	-N	2 V	2338		.75	.80		
452 VORO	25	0125	0133	0128	N11	W06	.323	11787	24.6	8	--B	C	0128		.84	.90	74 EJ	
GRP43453	25	0207	0211	0209	N08	W14	.349	11787	24.0	4	--N				.53		2 2 2 6	
PALE	25	0206E	0210	0208	N07	W14	.337	11787	24.0	4D	-F	2 C			.31			
VORO	25	0207	0211	0209	N08	W14	.349	11787	24.0	4	-B	C	0209		.74	.80	72 D	
454 TEHR	25	0434	0446	0437	N09	W04	.282	11787	24.9	12	--N	4 C			.74		F 4	

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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 H α	MAX. INT. %					
					LAT.	MER. DIST.																
	1972 MAR																					
456 ATHN	25	0553	0609	0556	N17	W60	.898	11783	20.7	16	-N	3	C		.83					F	5	
GRP43458	25	0626	0636	0628	N06	W14	.326	11787	24.2	10	--F				.27						2 2 2 8	
ATHN	25	0625	0638	0628	N06	W13	.314	11787	24.3	13	-F	3	C		.33						D	
HTPR	25	0627	0633	0627	N05	W14	.315	11787	24.2	6	-F		C	0630	.21	.20						
GRP43462	25	0915	0930	0917	S17	W62	.877	11784	20.7	15	-N				.70						9 9 6 12	
ATHN	25	0914	0932	0916	S16	W64	.892	11784	20.6	18	-N	3	C		.66						F	
MANI	25	0915E	0932	0917	S19	W57	.835	11784	21.1	17D	-F	2		0917	.83	1.42						
HTPR	25	0915	0927	0918	S17	W62	.877	11784	20.7	12	-B		C		.83	1.60						
ZURI	25	0915	0919D	0916	S17	W64	.892	11784	20.6	4D	-N		P	0916	.53	1.20						
WEND	25	0915	0928		S17	W60	.860	11784	20.9	13	-N											
ARCE	25	0916E	0932D		S16	W62	.877	11784	20.7	16D	-N		C	0917	.46	1.00						
ISTA	25	0917	0926		S17	W60	.860	11784	20.9	9	-F										D	
CATA	25	0920E	0935	0920	S14	W62	.877	11784	20.7	15D	-N		P	0920	.87	1.92				178	D	
ONDR	25	0923E	0928		S16	W65	.900	11784	20.5	5D	-N		V	0924			2.30				D	
GRP43463	25	1017	1034	1019	S21	W24	.457	11786	23.6	17	--N				.41						5 5 4 8	
CRON	25	1015E	1020D		S21	W22	.431	11786	23.8	5D	-F		V		.30							
HTPR	25	1017	1033	1019	S20	W25	.463	11786	23.6	16	-N		C	1019	.31	.30						
ATHN	25	1017	1035	1019	S21	W23	.444	11786	23.7	18	-N	3	C		.33						DH	
CAPS	25	1017E	1032D		S20	W25	.463	11786	23.6	15D	-N	3	V	1017	.70	.80				178	CH	
ONDR	25	1018E	1228		S22	W23	.452	11786	23.7	130D	1N		V	1019			2.70				CEH	
6 STATIONS REPORTING GROUP 43464. 1 STATIONS OBSERVING AND NOT REPORTING.																						
GRP43464	25	1224	1235	1226	S21	W24	.457	11786	23.7	11	--N				.58						6 6 5 7	
ATHN	25	1223	1237	1225	S21	W24	.457	11786	23.7	14	-N	3	C		.66						DH	
CAPS	25	1224E	1233D		S18	W25	.451	11786	23.6	9D	-F		V	1224	.50	.60				157	C	
HTPR	25	1224	1232	1225	S20	W26	.476	11786	23.6	8	-B		C	1225	.83	.90						
CATA	25	1225	1235	1225	S22	W23	.452	11786	23.8	10	-B		C	1225	.52	.58				214		
ONDR	25	1227E	1232		S22	W24	.464	11786	23.7	5D	-F		V	1231			1.90				CD	
RAMY	25	1227E	1238	1227	S22	W23	.452	11786	23.8	11D	-N	3	C		.37						D	
43464	25	1225	1246	1228	S30	W15	.455	11786	24.4	21	*-F				.78						2 2 2 7	
ATHN	25	1225	1248	1228	S30	W15	.455	11786	24.4	23	-F	3	C		.99						D	
RAMY	25	1227E	1244	1227	S30	W14	.448	11786	24.5	17D	-F	3	C		.56						D	
GRP43470	25	2117	2140	2129	N07	W13	.325	11787	24.9	23	--F				.42						3 3 2 4	
MCMA	25	2115	2132D		N07	W14	.337	11787	24.8	17D	-N		C	2130	.52	.50					E	
PALE	25	2115E	2118D	2116	N08	W13	.338	11787	24.9	3D	-F	3	C		.41						F	
LOCK	25	2120	2145	2130	N07	W13	.325	11787	24.9	25	-F											
PALE	25	2128E	2134	2128	N08	W13	.338	11787	24.9	6D	-F	3	C		.31						F	
471 LOCK	25	2225	2300	2240	S01	W82	.990	11783	19.8	35	--F										3	
GRP43478	26	1146	1204	1155	N08	W21	.433	11787	24.9	18	-N				.83						6 6 6 6	
RAMY	26	1143	1205	1154	N07	W22	.438	11787	24.8	22	-N	3	C		.83						UD	
CATA	26	1145	1205	1155	N08	W22	.446	11787	24.8	20	-B		C	1155	.87	.98				221		
TEHR	26	1146E	1204D	1156	N07	W19	.398	11787	25.1	18D	-N	3	C		.46						FH	
ATHN	26	1148	1203	1153	N08	W23	.459	11787	24.8	15	-N	3	C		1.16						FU	
CANR	26	1150	1205	1155	N09	W22	.455	11787	24.8	15	-N		V	1152	.65	.70						
CAPS	26	1152E	1200D		N06	W20	.402	11787	25.0	8D	-B		P	1152	1.00	1.10				194	C	
GRP43483	26	1731	1748	1737	N07	W25	.477	11787	24.9	17	--F				.55						4 4 3 5	
PALE	26	1729E	1742D	1740	N07	W27	.504	11787	24.7	13D	-N	3	C		.72						F	
BOUL	26	1730	1750	1739	N08	W21	.433	11787	25.2	20	-N	1	V									
MCMA	26	1732	1746	1734	N07	W26	.491	11787	24.8	14	-F		C	1734	.52	.60					EK	
RAMY	26	1732	1741D	1734	N07	W25	.477	11787	24.9	9D	-F	2	C		.41						D	
26 2205 2208 NO FLARE PATROL																						
GRP43485	27	0006	0013	0009	N12	W37	.660	11787	24.2	7	--B				.55						2 2 2 6	
VORO	27	0006	0012	0008	N11	W37	.655	11787	24.2	6	-B		C	0008	.84	1.10				70	DH	
PALE	27	0008E	0013	0010	N12	W36	.649	11787	24.3	5D	-N	2	C		.26							
488 ATHN	27	0547	0553D	0549	S12	E90	1.000	11803	3.0	6D	-N	3	C								D	
GRP43490	27	0935	0941	0937	S22	W49	.761	11786	23.7	6	--F				.40						4 4 4 10	
CANR	27	0935	0942		S21	W50	.770	11786	23.6	7	-F		V	0937	.35	.50						
ATHN	27	0935	0941	0937	S23	W50	.774	11786	23.6	6	-F		C		.33						D	
HTPR	27	0936	0938	0937	S20	W47	.736	11786	23.9	2	-F		C	0937	.41	.60						
CAPS	27	0937E	0942D		S22	W50	.772	11786	23.7	5D	-F	1	V	0938	.50	.80						
GRP43491	27	1318	1328	1321	S22	W50	.772	11786	23.8	10	--F				.24						3 3 3 5	
CANR	27	1318	1327	1321	S23	W51	.783	11786	23.7	9	-N	2	C	1321	.11	.17						
HTPR	27	1318	1328	1322	S20	W49	.758	11786	23.9	10	-F		C	1322	.31	.50						
MCMA	27	1319	1329	1321	S24	W51	.785	11786	23.7	10	-F		C	1321	.31	.50						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. LAT.	MER. DIST.	CENTRAL DISTANCE	MCARTHUR PLAGE REGION	CMP DAY				TIME — UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %		
																			1972 MAR
GRP43494	27	1841	1858	1847	N07	W42	.696	11787	24.6	17	-N							4 4 3 4	
PALE	27	1837	1856	1847	N07	W41	.684	11787	24.7	19	-N	3	C					F	
RAHY	27	1840	1858	1850	N07	W43	.708	11787	24.6	18	-N	2	C					UD	
LOCK	27	1842	1858	1845	N07	W41	.684	11787	24.7	16	-N		C					H	
MCHA	27	1844	1858	1846	N07	W41	.684	11787	24.7	14	-N		C	1846	.52	.70		E	
GRP43497	28	0917	0926	0920	S07	E80	.983	18782	3.4	9	--F							2 2 2 7	
TEHR	28	0916E	0925	0918	S06	E78	.976	18782	3.2	90	-N	3	C					F	
ATHN	28	0917	0927	0922	S07	E82	.988	18782	3.5	10	-F	3	C					D	
GRP43498	28	1050	1108	1054	S07	E78	.976	18782	3.3	18	--F							2 2 2 5	
TEHR	28	1045E	112D	1050	S06	E77	.972	18782	3.2	27D	-N	3	C					F	
ATHN	28	1054	1104	1057	S08	E78	.975	18782	3.3	10	-F	3	C					D	
6 STATIONS REPORTING GROUP 43499. 0 STATIONS OBSERVING AND NOT REPORTING.																			
GRP43499	28	1125	1136	1128	S05	E77	.973	18783	3.3	11	--N							5 5 5 6	
RAHY	28	1124	1140	1128	S04	E77	.973	18783	3.3	16	-N	2	C					D	
HTRP	28	1125	1135	1129	S05	E79	.980	18783	3.4	10	-N		C	1129	.31				
TEHR	28	1125	1138	1129	S06	E77	.972	18783	3.3	13	-N	3	C					F	
CANR	28	1125	1133	1128	S04	E76	.969	18783	3.2	8	-N	2	C	1128	.32				
ATHN	28	1126	1136	1128	S08	E78	.975	18783	3.3	10	-N	3	C					D	
43499	28	1119	1137	1127	S11	E87	.997	18783	4.0	18	*-F							3 3 3 6	
CANR	28	1110	1122		S08	E85	.995	18783	3.8	12	-N		V	1112	.25	.70			
HTRP	28	1122	1140	1129	S15	E85	.993	18783	3.8	18	-F		C	1129	.10				
GATA	28	1125	1150	1125	S10	E90	1.000	18783	4.2	25	-F		C	1125	.23			141	
GRP43501	28	1237	1303	1246	S12	E88	.998	11799	4.1	26	-N							4 3 2 6	
HTRP	28	1230	1303	1246	S15	E85	.993	11799	3.9	33	-F		C	1246	.41				
GATA	28	1240E	1310D	1250	S10	E90	1.000	11799	4.3	30D	1N	P	P	1250	1.04			184	
ATHN	28	1240	1257	1242	S12	E90	1.000	11799	4.3	17	-N	3	C					D	
CANR	28	1251	1324		S11	E90	1.000	11799	4.3	33	-N		V	1257	.30	1.20			
GRP43503	28	1440	1453	1446	S05	E75	.964	11799	3.2	13	--N							2 2 2 6	
HTRP	28	1440	1450	1446	S05	E75	.964	11799	3.2	10	-F		C	1446	.31				
MCHA	28	1440	1455	1445	S05	E75	.964	11799	3.2	15	-B		C	1445	.31	1.20		D	
506 LOCK	28	1828	1840	1832	S22	W84	.990	11784	22.5	12	--F		C					3	
507 LOCK	28	1855	1908	1858	S22	W84	.990	11784	22.5	13	--F		C					3	
GRP43509	29	0115	0143	0133	S11	E76	.966	11799	3.8	28	--F							2 2 2 5	
MANI	29	0115	0151	0133	S11	E79	.978	11799	4.0	36	-F	2	V	0133	.41	.82			
CRON	29	0124E	0134		S11	E72	.946	11799	3.5	10D	-F		V		.30				
GRP43513	29	1014	1023	1016	S11	E63	.885	11803	3.2	9	--F							4 4 4 9	
ATHN	29	1012	1027	1015	S12	E64	.893	11803	3.2	15	-F	3	C		.61				
CAPS	29	1015E	1022D		S10	E62	.878	11803	3.1	7D	-N	3	V	1016	.50	1.00		166	
HTRP	29	1015	1021	1015	S10	E62	.878	11803	3.1	6	-F		C	1015	.83	1.60			
TEHR	29	1017E	1023	1018	S11	E63	.885	11803	3.2	6D	-F	3	C		.29			F	
GRP43515	29	1136	1147	1139	S12	E62	.877	11803	3.1	11	--F							3 3 3 7	
TEHR	29	1135	1149	1138	S12	E63	.885	11803	3.2	14	-F	3	C		.56			F	
ATHN	29	1136	1147	1138	S13	E63	.885	11803	3.2	11	-F	3	C		.29			F	
HTRP	29	1137	1146	1137	S10	E61	.869	11803	3.1	9	-F		C	1137	.66	1.40			
520 LOCK	29	1900	1930	1915	S05	E70	.937	11799	4.0	30	--F		C					2	
4 STATIONS REPORTING GROUP 43525. 4 STATIONS OBSERVING AND NOT REPORTING.																			
GRP43525	30	0715	0806	0721	S28	E08	.385	11801	30.9	51	--F					.22			2 2 2 7
ATHN	30	0711	0745	0720	S29	E07	.395	11801	30.8	34	-N	3	C		.33			DH	
ATHN	30	0711	0745	0734	S29	E07	.395	11801	30.8	34	-F	3	C		.33				
HTRP	30	0719	0827	0721	S27	E08	.370	11801	30.9	68	-F		C	0721	.10	.10			
43525	30	0758	0825	(0804)	S27	E08	.370	11801	30.9	27	*-F				.30			2 2 2 10	
CAPS	30	0758E	0807D		S27	E08	.370	11801	30.9	90	-F	3	V	0800	.50	.60		157	
ARCE	30	0807E	0825D		S27	E07	.365	11801	30.9	18D	-F		C	0807	.09	.10			
GRP43528	30	0755	0810	(0800)	S06	E59	.854	11799	3.8	15	--F				.40			3 2 1 9	
ATHN	30	0755	0806	0759	S15	E53	.794	11799	3.3	11	-N	3	C		.66			D	
CAPS	30	0758E	0805D		S02	E58	.848	11799	3.7	7D	-F	3	V	0800	.40	.70		157	
ISTA	30	0804	0810		S10	E60	.861	11799	3.8	6	-F							C	
GRP43537	30	2140	2205	2148	S07	E59	.853	11799	4.3	25	--F				.21			2 2 1 3	
LOCK	30	2140	2205	2150	S07	E59	.853	11799	4.3	25	-F		C					D	
RAHY	30	2144E	2156D	2146	S07	E59	.853	11799	4.3	12D	-F	1	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.		CENTRAL DISTANCE	MC MATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hg	MAX. INT. %	
					LAT.	MER. DIST.												
	1972 MAR																	
GRP43540	31	1625	1632	1627	S26	W14	.399	11801	30.6	7	--F							
RAMY	31	1624	1632	1626	S26	W13	.391	11801	30.7	8	-F	3	C				2 2 1 5	
LOCK	31	1625	1632	1627	S26	W14	.399	11801	30.6	7	-F		C	.28			D	
541 LOCK	31	1756	1805	1758	S07	E40	.639	11799	3.7	9	--F		C				3	
542 LOCK	31	2013	2035	2020	S21	E84	.990	11805	7.1	22	--F		C				H	
543 LOCK	31	2018	2030	2021	N12	W77	.981	11790	26.1	12	--F		C				2	

"Remarks":

- | | |
|---|---|
| <p>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.</p> | <p>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 Hα 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 Hα emission.
 Y = Onset of a system of loop-type prominences.
 Z = Major sunspot umbra covered by flare.</p> |
|---|---|

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.

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
720301	4.23	23.9	720310	8.56	22.9	720321	47.57	24.0
720302	44.70	23.6	720311	26.36	24.0	720322	65.46	24.0
720303	33.48	23.7	720313	7.86	24.0	720323	21.88	24.0
720304	130.66	24.0	720315	0.00	24.1	720324	25.24	24.0
720305	141.28	24.0	720316	11.28	24.0	720325	6.22	24.0
720306	62.77	24.0	720317	6.04	24.0	720326	3.64	24.0
720307	65.82	24.0	720318	15.95	24.0	720327	3.58	24.0
720308	14.02	23.4	720319	15.01	24.0	720328	2.81	24.0
720309	6.02	24.0	720320	28.70	23.7			

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

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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 MAR																	
923 KODA	01	0223	0240	0233	S07	E27	.451 11760	3.1	17	-F	V	0231	1.80	1.80	1.32		E 5
924 CRON	01	0605E	0609		N20	E18	.537 11764	2.6	4D	-F	V	0605	.35				4
930 HTPR	01	1406	1415	1409	N13	E74	.971 11766	7.1	9	-F	C	1409	.41				5
931 ARCE	01	1506E	1510D		N12	E72	.962 11766	7.0	4D	-N		1510	.22				4
932 ARCE	01	1506E	1510D		N08	W14	.353 11759	29.6	4D	-F		1510	.28	.30			4
936 BOUL	01	2238	2252	2240	N12	E67	.936 11766	7.0	14	-N	1 V	2240	.60	1.40			3
940 ARCE	02	0930	0933D	0932	S09	E67	.915 11769	7.4	3D	-N		0932	.12				6
GRP42949 CRON ARCE	03 03 03	0824 0820E 0827	0840 0836 0843D	0824 0820 0828	S13 S13 S12	E54 E54 E53	.803 11769 .803 11769 .792 11769	7.4 7.4 7.3	16 16D 16D	-F -F -F	V	0820 0828	.42 .50 .34		.60		2 2 2 7
950 ARCE	03	0827	0843D		N08	W50	.789 11759	28.6	16D	-F		0836	.09	.20			4
951 ARCE	03	0910E	0920D		N08	W51	.799 11759	28.6	10D	-F		0920	.09	.20			6
952 ARCE	03	0930E	0955D		S11	W43	.677 11763	29.2	25D	-F		0940	.15	.20			8
955 ARCE	03	1423E	1430D		S12	E49	.749 11769	7.3	7D	-F		1423	.37	.50			5
956 RAMY	03	1502	1513	1505	S05	E66	.911 11769	8.6	11	-F	3 C		.93				D 4
969 MANI	04	0410	0437	0428	S09	E58	.842 11769	8.5	27	-N	2	0428	.52	.90			5
973 MANI	04	0636E	0659	0637	S09	E57	.833 11769	8.6	23D	-F	2	0637	.41	.70			3
976 ARCE	04	0825E	0845D		S09	W21	.356 11760	2.8	20D	-F		0835	.64	.70			8
978 KHAR	04	0915E	0950D		N09	E37	.647 11766	7.2	35D	1F	P	0915	2.27	2.90			BD 8
984 RAMY	04	1742	1753	1744	S10	E43	.677 11769	8.0	11	-F	3 C		.37				D 4
002 RAMY	05	1742	1802	1748	S11	E20	.344 11769	7.2	20	-F	3 C		.21				D 5
012 TEHR	06	0641E	0645	0642	S08	W45	.702 11760	2.9	4D	-N	2 C		.37				D 4
013 TEHR	06	0704E	0720	0705	S07	W48	.739 11760	2.7	16D	-F	3 C		.54				U 4
GRP43015 HTPR ARCE	06 06 06	0817 0817 0820E	0824 0823 0825D	0818 0818	S08 S08 S07	E33 E33 E32	.540 11769 .540 11769 .526 11769	8.8 8.8 8.7	7 6 5D	-F -F -F	C	0818 0823	.28 .21 .34	.20 .40			2 2 2 9
017 ISTA	06	0855	0905		N17	E90	1.001 11775	13.1	10	-N							A 9
022 ARCE	06	1415E	1417D		S08	E17	.290 11769	7.9	2D	-F		1417	.46	.50			5
024 LOCK	06	1725	1735	1728	S11	E08	.152 11769	7.3	10	-F	C						4
2 STATIONS REPORTING GROUP 43033. 3 STATIONS OBSERVING AND NOT REPORTING.																	
033 MANI	07	0307	0330	0312	S08	E18	.307 11769	8.5	23	-N	2	0312	1.24	1.30			5
033 TEHR	07	0321	0333	0324	S07	E03	.052 11769	7.4	12	*-N	2 C		.20				D 5
037 TEHR	07	0443	0455	0446	S06	E02	.041 11769	7.3	12	-N	3 C		.20				D 6
038 TEHR	07	0526	0539	0531	N13	E82	.994 11775	13.4	13	-N	4 C		.09				D 6
039 ATHN	07	0531E	0537	0531	S15	E90	.999 11774	14.0	6D	-N	2 C						D 5
042 ATHN	07	0700	0709	0703	N14	E90	1.000 11776	14.0	9	-N	2 C						D 6
047 MANI	07	0922	0930	0923	S09	E15	.258 11769	8.5	8	-N	1	0923	.31	.32			6
049 KHAR	07	1024	1042D	1028	S06	W27	.452 11765	5.4	18D	1N	P	1030	2.84	3.20	1.80		DH 6
053 RAMY	07	1328	1336	1329	S06	E07	.123 11769	8.1	8	-F	2 C		.37				D 5
054 CATA	07	1450E	1500D	1455	N13	E90	1.000 11776	14.4	10D	-F	P	1455	.58			138	3
057 RAMY	07	1811	1831	1816	S05	W05	.095 11769	7.4	20	-F	2 C		.46				D 4
060 LOCK	07	2250	2300	2253	S12	E08	.160 11769	8.6	10	-F	C						5

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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 H α	MAX. INT. %	
061 MITK	1972 MAR	08 0033	0108	0037	N15	E90	1.001	11776	14.8	35	1N	C	0037	.83				4
064 MANI		08 0203	0216	0206	S06	W42	.666	11765	4.9	13	-F	2	0206	.41	.56			3
065 GRON		08 0315	0317	0316	S12	E06	.132	11769	8.6	2	-F	V	0316	.25				3
068 GRON		08 0424	0429	0425	S12	E05	.119	11769	8.6	5	-N	V	0425	.25				4
069 GRON		08 0501	0505	0503	S12	W11	.205	11769	7.4	4	-F	V	0503	.30				4
070 TEHR		08 0520	0525	0521	S09	E07	.124	11769	8.7	5	-F	3 C		.09			D	5
073 ATHN		08 0900	0915	0902	S08	E00	.013	11769	8.4	15	-N	3 C		.17			D	5
GRP43077		08 1137	1147	1140	N14	E77	.983	11776	14.3	10	-N			.54			2 2 2 7	
ATHN		08 1134	1146	1138	N13	E75	.975	11776	14.1	12	-N	3 C		.17			D	
ZURI		08 1139	1147	1141	N15	E78	.986	11776	14.3	8	1N	C	1141	.91				
079 ATHN		08 1218	1226	1221	N13	E75	.975	11776	14.1	8	-F	3 C		.17			D	8
080 ATHN		08 1230	1240	1232	S10	E00	.048	11769	8.5	10	-F	3 C		.33			D	7
088 PALE		09 0051	0057	0053	N13	E67	.937	11776	14.1	6	-F	2 C		.19				4
089 LOCK		09 0103	0109	0105	S07	W22	.372	11769	7.4	6	-F	C						4
093 MANI		09 0410E	0435	0413	S20	E35	.591	11773	11.8	25D	-F	2	0413	.93	1.15			5
094 ATHN		09 0520	0529	0523	S21	E31	.544	11773	11.5	9	-F	2 C		.50			D	5
096 ATHN		09 0658	0708	0701	N13	E62	.905	11776	13.9	10	-F	3 C		.33			D	5
097 ATHN		09 0817	0827	0819	N13	E62	.905	11776	14.0	10	-F	3 C		.17			D	9
101 ATHN		09 1049	1056	1051	N12	E61	.896	11776	14.0	7	-F	3 C		.17			D	7
102 ATHN		09 1105	1119	1107	N12	E61	.896	11776	14.0	14	-F	3 C		.33			D	7
103 MEUD		09 1227	1235	1229	N16	E59	.890	11776	13.9	8	-F	C	1229	.31	.60			5
106 LOCK		09 1725	1738	1730	S07	W30	.496	11769	7.5	13	-F	C						5
110 LOCK		10 0010	0020	0013	S32	W85	.990	11761	3.6	10	-F	C						4
111 PALE		10 0020E	0021D	0021	S08	W34	.555	11769	7.5	10	-F	2 C		.31			F	6
113 TEHR		10 0407	0414	0409	N42	W10	.767	10000	9.4	7	-F	4 C		.29			D	5
117 CANR		10 0834	0840	0836	N16	E49	.807	11776	14.0	6	-F	V	0836	.35	.50			4
122 RAMY		10 1808	1819	1811	N14	E43	.739	11776	14.0	11	-F	2 C		.28			D	5
GRP43130		11 0213	0224	0216	S19	E05	.220	11773	11.5	11	-F			.24			2 2 2 7	
PALE		11 0212	0222	0215	S20	E05	.236	11773	11.5	10	-F	2 C		.27			F	
MANI		11 0213	0225	0217	S18	E05	.205	11773	11.5	12	-F	2	0217	.21	.21			
GRP43131		11 0221	0228	0222	N14	E40	.707	11776	14.1	7	-N			.24			2 2 2 7	
MANI		11 0221	0230	0222	N14	E40	.707	11776	14.1	9	-N	2	0222	.21	.29			
PALE		11 0221	0225	0222	N14	E39	.696	11776	14.0	4	-N	2 C		.27				
GRP43133		11 0311	0340	0315	N14	E40	.707	11776	14.1	29	-F			.20			2 2 2 7	
PALE		11 0311	0316	0314	N14	E38	.685	11776	14.0	5	-F	2 C		.18				
MANI		11 0315E	0332	0315	N14	E41	.718	11776	14.2	17D	-F	2	0315	.21	.30			
PALE		11 0328	0347	0331	N14	E38	.685	11776	14.0	19	-F	2 C		.18				
135 MANI		11 0424E	0429	0424	N14	E41	.718	11776	14.3	5D	-F	2	0424	.21	.30			6
137 MANI		11 0440E	0444	0440	S23	E57	.837	11778	15.5	4D	-N	2	0440	.21	.36			5
139 ATHN		11 0550	0557	0552	S13	W38	.613	11769	8.4	7	-F	2 C		.17			D	5
GRP43142		11 0641	0647	0644	S11	W35	.570	11769	8.7	6	-F			.30			2 2 2 7	
MANI		11 0640	0648	0644	S11	W35	.570	11769	8.7	8	-N	2	0644	.31	.38			
TEHR		11 0642	0645	0643	S11	W34	.556	11769	8.7	3	-F	4 C		.29			FH	
159 ATHN		11 1426	1435	1428	S11	W41	.651	11769	8.5	9	-F	2 C		.17			D	6
161 RAMY		11 1608	1614	1610	N18	E38	.710	11776	14.5	6	-F	3 C		.19			D	4

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OBSERVATORY	OBSERVED UT			LOCATION					DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS	
	1972 MAR	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. %
172 PALE	12	0207E	0220D	0207	S19 W10	.263	11773	11.3	13D	-F	2	C	.31				5
175 TEHR	12	0508	0519	0509	S13 W52	.782	11769	8.3	11	-N	3	C	.09				D 5
176 HANI	12	0516E	0526	0516	N13 E24	.519	11776	14.0	10D	-N	2		0516	1.03	1.21		5
177 PALE	12	1702	1720	1706	N06 E36	.619	11777	15.4	18	-F	2	C	.19				5
179 PALE	12	2054	2105	2059	S20 W18	.369	11773	11.5	11	-F	3	C	.45				F 4
184 ARCE	14	0904E	0911D		S08 W72	.947	11769	9.0	7D	-F			0905	.19			8
185 ARCE	14	0907	0913D		S07 E54	.804	11781	18.4	6D	-F			0911	.25	.40		8
GRP43186	14	0919	0956	(0925)	S07 W82	.988	11769	8.2	37	1F				.60			2 2 1 10
KHAR	14	0915E	1015D		S04 W80	.984	11769	8.4	60D	2F	V						EH
CANR	14	0922	0937		S10 W83	.990	11769	8.2	15	-N	V	0925	.60	1.70			
187 CANR	14	1200	1213		S06 W80	.983	11769	8.5	13	-N	V	1207	.25	.70			7
GRP43189	14	1410	1420	1410	N09 E16	.386	11777	15.8	10	-F				.20			2 1 1 7
CANR	14	1410	1420	1410	N09 E16	.386	11777	15.8	10	-F	V			.20	.20		
ARCE	14	1410E	1440D		N08 E13	.342	11777	15.6	30D	-F		1425	.25	.30			
190 ARCE	14	1417E	1440D	1425	N15 E61	.902	11783	19.2	23D	-N		1425	.28	.70			7
191 ARCE	14	1425E	1440D		S07 W75	.963	11769	9.0	15D	-F		1425	.15				7
192 RAMY	14	1536	1607	1543	N15 E60	.895	11783	19.1	31	-F	2	C	.28				D 5
198 LOCK	14	2345	2357	2350	N15 E56	.864	11783	19.2	12	-F		C					4
199 LOCK	15	0010	0035	0020	N09 E07	.303	11777	15.5	25	-F		C					5
203 CAPS	15	0728E	0747D		N07 E08	.280	11777	15.9	19D	1F	3	V	0728	4.00	4.00	157	CH 10
204 ARCE	15	0820E	0830D		S09 W90	1.000	11769	8.6	10D	-F		0825	.31				14
GRP43205	15	0900	0937	0900	S09 W90	1.000	11769	8.6	37	-F				.34			2 2 2 14
ARCE	15	0900E	0937D		S09 W90	1.000	11769	8.6	37D	-F		0900	.28				
CATA	15	0900	0915D	0900	S08 W90	1.000	11769	8.6	15D	-F	P	0900	.40		135		
206 ARCE	15	0930E	1000D		N09 E05	.291	11777	15.8	30D	-F		0935	.22	.20			12
208 ARCE	15	1300E	1305D		N08 E01	.262	11777	15.6	5D	-F		1300	.37	.40			12
209 LOCA	15	1437	1453	1440	N06 E00	.228	11777	15.6	16	-B	P	1440	.53	.50			9
GRP43210	15	1453	1500	1455	N09 E66	.925	11783	20.6	7	-F				.80			2 2 2 12
RAMY	15	1452	1457D	1454	N08 E66	.924	11783	20.6	5D	-F	2	C		.93			D
ATHN	15	1454	1500	1455	N10 E65	.920	11783	20.5	6	-F	2	C		.66			D
217 PALE	16	0149E	0153D	0149	N15 W22	.516	11776	14.4	4D	-F	2	C	.41				F 4
218 PALE	16	0308E	0313	0309	N12 E56	.856	11783	20.3	5D	-F	2	C	.41				F 6
219 ARCE	16	0930E	0941D		S11 E19	.328	11781	17.8	11D	-F		C	0935	.13	.13		D 13
220 ARCE	16	0935E	0957D		N16 E36	.676	11783	19.1	22D	-F		C	0941	.15	.20		13
GRP43221	16	0943	0956	0944	N07 E52	.807	11783	20.3	13	-F				.28			2 1 1 13
KHAR	16	0943E	0956D	0944	N07 E52	.807	11783	20.3	13D	-F	V	0944			2.10		DL
ARCE	16	0945E	1000D		N11 E50	.798	11783	20.2	15D	-F	C	0957	.28	.50			T
223 ARCE	16	0955E	0959		N07 E11	.307	11780	17.2	4D	-F		C	0957	.25	.30		11
224 ATHN	16	1038	1048	1041	N09 W11	.334	11777	15.6	10	-F	2	C	.33				D 11
225 WEND	16	1054E	1107		S19 W11	.275	11778	15.6	13D	1F	V		3.09				12
226 ATHN	16	1201	1209	1203	N09 E48	.771	11783	20.1	8	-F	2	C	.33				D 11
227 ARCE	16	1305E	1323		N10 E50	.795	11783	20.3	18D	-F		C	1308	.09	.20		11
228 ARCE	16	1330E	1400D		N11 E48	.778	11783	20.2	30D	-F		C	1345	.15	.30		12
229 ATHN	16	1433	1443	1436	N15 E59	.887	11783	21.0	10	-F	2	C	.33				D 9
230 RAMY	16	1620	1626	1622	N06 E47	.751	11783	20.2	6	-F	4	C	.19				D 4

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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 MAR																	
236 LOCK	17	0100	0110	0102	S09	E10	.175	11781	17.8	10	-F	C					6	
237 ATHN	17	0718	0729	0721	N10	E41	.698	11783	20.4	11	-F	2 C	.17				D 10	
238 ATHN	17	0741	0757	0743	N15	W35	.658	11776	14.7	16	-F	2 C	.33				D 10	
239 ARCE	17	0818E	0818D		N09	E37	.646	11783	20.1		-F	C	0818	.15	.20		11	
240 ARCE	17	0833E	0900D		S19	E49	.755	11784	21.0	27D	-F	C	0850	.34	.50		9	
241 ARCE	17	0840E	0900D		N06	E39	.657	11783	20.3	20D	-F	C	0850	.12	.20		9	
244 ARCE	17	1300E	1305D		N16	W47	.788	11776	14.0	5D	-F	C	1300	.12	.20		T 10	
245 ARCE	17	1300E	1315D		S13	E90	1.000	11786	24.3	15D	-N	C	1310	.22			10	
GRP43246	17	1341	1401	1352	S14	E90	1.000	11786	24.3	20	-N			.35			2 2 2 11	
ARCE	17	1335	1400	1353	S13	E90	1.000	11786	24.3	25	-N	C	1353	.19				
ATHN	17	1347	1402D	1350	S15	E90	.999	11786	24.3	15D	-N	2 C		.50			D	
ATHN	17	1347	1402D	1400	S15	E90	.999	11786	24.3	15D	-N	2 C						
247 HTPR	17	1449	1510	1454	S09	E05	.092	11781	18.0	21	-F	C	1454	.41	.40		7	
249 HTPR	17	1534	1548	1542	N04	W32	.557	11777	15.2	14	-F	C	1542	.10	.10		4	
251 RAMY	17	1653	1710	1655	N05	W31	.548	11777	15.4	17	-F	3 C		.31			D 5	
252 LOCK	17	1654	1700	1656	N05	E81	.990	11787	23.8	6	-F	C					5	
258 HTPR	18	0645E	0725	0659	S18	E38	.623	11784	21.1	40D	-F	C	0659	.10	.10		5	
GRP43259	18	0801	0820	0807	S19	E37	.614	11784	21.1	19	-F			.16			2 2 2 10	
HTPR	18	0801	0820	0807	S18	E38	.623	11784	21.2	19	-F	C	0807	.10	.10			
ARCE	18	0805E	0816D		S19	E36	.601	11784	21.0	11D	-F	C	0805	.22	.30			
GRP43260	18	0805	1000	(0810)	N10	E89	1.000	11787	25.0	115	-B			.80			2 2 1 11	
ARCE	18	0805E	1000D		N11	E88	1.000	11787	24.9	115D	-N	C	0810	.80			K AD	
ONDR	18	0808E	0822D		N09	E90	1.000	11787	25.1	14D	-B	V	0809			2.50		
261 ATHN	18	1048E	1107	1048	N07	E85	.997	11787	24.8	19D	-N	1 C		.33			D 7	
262 ATHN	18	1050	1055	1051	S20	E35	.592	11784	21.1	5	-F	1 C		.17			D 6	
264 HTPR	18	1239	1430	1403	S18	E34	.571	11784	21.1	111	-F	C	1403	.72	.90		6	
265 HTPR	18	1330	1510	1332	S08	W03	.054	11781	18.3	100	-N	C	1332	.10	.10		6	
268 PALE	18	1821	1830	1823	N14	E04	.366	11783	19.1	9	-N	3 C		.27			F 5	
269 PALE	18	1836	1850	1838	N14	E04	.366	11783	19.1	14	-N	3 C		.45			F 5	
270 PALE	18	2050	2053D	2053	N12	E20	.463	11783	20.4	3D	-F	3 C		.27			4	
273 SIBE	19	0228	0242	0230	N09	E76	.976	11787	24.8	14	-F	C	0230	.60	2.43		61 D 6	
274 KODA	19	0246E	0258	0247	S19	E23	.428	11784	20.8	12D	-N	V	0246	1.46	1.50	1.44	E 6	
277 MANI	19	0613E	0635	0615	S19	E23	.428	11784	21.0	22D	-N	2	0615	.41	.46		3	
278 CANR	19	0753	0808		S20	E22	.422	11784	21.0	15	-F	V		.20	.75		5	
279 RAMY	19	1143	1203		U	S12	E84	.992	11792	25.8	20	-F	3 C				D 9	
280 RAMY	19	1158	1216	1202	S19	E22	.414	11784	21.1	18	-F	3 C		.65			D 9	
285 HUAN	19	1951	2003		S20	E17	.357	11784	21.1	12	-F	1 C	1955	.26	.28		4	
290 MANI	20	0425E	0437	0425	S19	E12	.287	11784	21.1	12D	-F	2	0425	.83	.86		4	
291 MANI	20	0428	0437	0433	N10	E03	.298	11783	20.4	9	-F	2	0433	.62	.65		4	
295 ATHN	20	0647	0654	0649	S22	E45	.717	11786	23.7	7	-F	2 C		.33			D 6	
GRP43296	20	0701	0719	0704	N11	E01	.310	11783	20.4	18	-N			.75			2 2 2 7	
MANI	20	0700	0718	0705	N10	E01	.294	11783	20.4	18	-N	2	0705	.83	.86			
ATHN	20	0701	0719	0702	N11	E00	.310	11783	20.3	18	-N	2 C		.66			D	
299 ATHN	20	0858	0912	0901	S24	E43	.701	11786	23.6	14	-F	3 C		.33			D 12	

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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	MATH PLAGE REGION	CMP DAY					TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H _g	MAX. INT. %	
					LAT.	MER. DIST.													
	1972 MAR																		
301 ARCE	20	0932E	0935D		S10	W46	.714	11781	16.9	30	-F	C	0935	.12	.20			13	
303 ATHN	20	1219E	1242	1219	N13	W02	.344	11783	20.4	23D	-F	3 C		.50				D 9	
304 ARCE	20	1300	1420	1316	N13	W04	.349	11783	20.2	80	-F	C	1316	.74	.80			K 10	
305 ARCE	20	1313	1327	1318	S13	E40	.640	11786	23.6	14	-F	C	1318	.09	.10			9	
306 ARCE	20	1317	1337	1320	S18	E06	.215	11784	21.0	20	-F	C	1320	.37	.40			9	
309 ARCE	20	1350	1425D	1353	S19	E06	.230	11784	21.0	35D	-F	C	1354	.50	.50			7	
310 ARCE	20	1442	1500D	1455	N08	E48	.768	11787	24.2	18D	-F	C	1455	.53	.80			6	
311 ATHN	20	1515	1525	1520	N09	E49	.782	11787	24.3	10	-F	2 C		.33				D 5	
317 LOCK	20	2302	2309	2305	N09	E49	.782	11787	24.6	7	-F	C						4	
321 MANI	21	0122	0156	0125	S23	E38	.641	11786	23.9	34	-F	2	0125	1.24	1.60			4	
325 ATHN	21	0741	0749	0742	N08	W88	1.000	11777	14.7	8	-F	2 C						D 12	
326 ARCE	21	0810E	0820D		N07	E37	.636	11787	24.1	10D	-F	C	0810	.12	.20			12	
327 ARCE	21	0835E	0855D		S20	W04	.234	11784	21.1	20D	-F	P	0840	.12	.12			11	
GRP43330	21	0935	0946	0941	S09	W49	.749	11781	17.7	11	-F			.28				2 1 1 12	
ARCE	21	0935	0946	0941	S09	W49	.749	11781	17.7	11	-F	C	0941	.28	.40				
ATHN	21	0942	0950	0943	S08	W60	.861	11781	16.9	8	-F	2 C		.66				D	
331 ATHN	21	1130	1139	1131	N08	W88	1.000	11777	14.9	9	-F	2 C						D 11	
332 RAMY	21	1142	1156	1147	S23	E32	.569	11786	23.9	14	-F	3 C		.37				D 9	
333 ATHN	21	1153	1213	1158	N08	W88	1.000	11777	14.9	20	-N	2 C						D 8	
334 ATHN	21	1153	1213	1207	N08	W88	1.000	11777	14.9	20	-N	2 C						7	
335 ARCE	21	1305E	1317		S19	W07	.238	11784	21.0	12D	-F	C	1305	.15	.20			H 8	
337 ARCE	21	1320	1345D	1330	S18	W07	.224	11784	21.0	25D	-F	C	1330	.28	.30			7	
338 ARCE	21	1410E	1440D		S20	W06	.246	11784	21.1	30D	-F	C	1410	.34	.30			H 9	
339 ARCE	21	1410E	1425D		N05	E40	.665	11787	24.6	15D	-F	C	1420	.15	.20			10	
GRP43340	21	1433	1445	1435	N07	E43	.709	11787	24.8	12	-F			.59				2 2 2 8	
ARCE	21	1406E	1430D		N12	E37	.662	11787	24.4	24D	-F	C	1406	.15	.20				
ARCE	21	1430E	1440D		N06	E44	.717	11787	24.9	10D	-F	C	1436	.43	.60			H	
GATA	21	1435	1445	1435	N04	E45	.722	11787	25.0	10	-F	C	1435	.75	1.08			144	
344 BOUL	21	1708E	1710	1708U	N11	E38	.668	11787	24.6	2D	-F	2 V	1708					4	
345 PALE	21	1730E	1738	1730	S17	W10	.241	11784	21.0	8D	-F	3 C		.19				F 4	
347 RAMY	21	1840	1857	1844	S20	W08	.261	11784	21.2	17	-F	2 C		.37				D 4	
359 ATHN	22	1150	1200	1153	S05	W60	.863	11781	18.0	10	-F	3 C		.33				D 5	
360 ATHN	22	1224	1236	1227	N05	E31	.547	11787	24.8	12	-F	3 C		.50				D 4	
361 ATHN	22	1237	1246	1241	N11	W30	.572	11783	20.3	9	-F	3 C		.33				D 5	
GRP43362	22	1300	1410	1339	N07	E29	.532	11787	24.7	7D	-F			.60				2 1 1 9	
ARCE	22	1300E	1410D		N07	E29	.532	11787	24.7	7D	-F	C	1308	.60	.70			K	
RAMY	22	1336	1341D	1339	N06	E28	.512	11787	24.7	5D	-F	3 C		.46				D	
GRP43364	22	1345	1402	1346	N12	W31	.591	11783	20.2	17	-F			.62				2 2 2 9	
BOUL	22	1345	1410	1345	N12	W31	.591	11783	20.2	25	-F	2 V	1345	.90	1.00				
ATHN	22	1345	1354	1347	N11	W31	.584	11783	20.2	9	-N	3 C		.33				D	
365 ARCE	22	1430E	1440D		N11	W32	.596	11783	20.2	10D	-F	C	1435	.22	.30			8	
366 ATHN	22	1450	1500	1453	N06	E28	.512	11787	24.7	10	-F	2 C		.50				D 5	
367 ATHN	22	1500	1513	1504	N07	E20	.413	11787	24.1	13	-N	2 C		.33				DH 4	
368 ATHN	22	1530	1548D	1535	N10	W03	.297	11791	22.4	18D	-F	2 C		.50				D 4	

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE 1972 MAR	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. %	
378 MANI	23	0047E	0113	0053	N12	W51	.810	11783	19.2	26D	-N	2	0053	.31	.52			3
380 MANI	23	0222	0233	0230	N06	E15	.339	11787	24.2	11	-F	2	0230	.31	.33			3
381 MANI	23	0417	0421	0419	S09	W85	.995	11781	16.8	4	-N	2	0419	.21	.59			3
383 MANI	23	0508E	0535	0519	N13	W55	.850	11783	19.1	27D	-N	2	0519	.41	.74			4
GRP43386 ATHN MANI	23 23 23	0726 0726 0727E	0739 0750 0728	0729 0731 0727	N10 N10 N09	W11 W10 W11	.345 .336 .331	11791 11791 11791	22.5 22.6 22.5	13 24 10	-F -N -F	2 2 2	C	0727	.41 .50 .31			2 2 2 7 D
387 CATA	23	0730	0745	0730	N06	E13	.314	11787	24.3	15	-N		C	0730	.63	.67	204	7
389 ARCE	23	0809E	0845D		S12	W66	.907	11781	18.4	36D	-F		C	0809	.25	.60		7
390 ARCE	23	0809E	0920D		N13	W56	.858	11783	19.1	71D	-F		C	0830	.25	.50		10
391 ARCE	23	0830E	0830D		N10	W15	.384	11791	22.2		-F		P	0830	.12	.12		10
GRP43393 ARCE HTPR	23 23 23	0910 0910E 0910	0940 0940D 1000	(0925) 0947	N07 N07 N07	E10 E10 E12	.295 .295 .315	11787 11787 11787	24.1 24.1 24.3	30 30D 50	-F -F -F		C	0925 0947	.28 .28 .41	.30 .40		2 1 1 10 H
397 ATHN	23	1128	1140	1131	S18	W38	.624	11784	20.6	12	-F	3	C		.17			D 9
398 ATHN	23	1138	1148	1142	N17	W20	.516	11791	22.0	10	-F	3	C		.33			D 9
GRP43401 HTPR ARCE	23 23 23	1259 1259 1300E	1308 1307 1303	1303	N08 N08 N07	E08 E08 E07	.291 .291 .269	11787 11787 11787	24.1 24.1 24.1	9 8 9D	-F -F -F		C	1303 1300	.15 .10 .19	.10 .20		2 2 2 9
402 ARCE	23	1300E	1323		S11	E37	.598	11792	26.3	23D	-F		C	1300	.25	.30		9
GRP43403 HTPR CAPS	23 23 23	1319 1319 1321E	1328 1326 1330D	1322 1322	N10 N10 N09	W19 W19 W18	.429 .429 .407	11791 11791 11791	22.1 22.1 22.2	9 7 9D	-F -F -F		C	1322 1323	.45 .10 .80	.10 .80		2 2 2 10 C
405 ARCE	23	1430E	1457D		N14	W52	.826	11783	19.7	27D	-F		C	1435	.15	.30		8
412 LOCK	23	1608	1617	1610	N11	E06	.324	11787	24.1	9	-F		C					4
429 ATHN	24	0720	0730	0723	S19	W45	.711	11784	20.9	10	-F	3	C		.33			D 8
431 ISTA	24	0730	0737		N09	W49	.781	11783	20.6	7	-F							D 8
432 ATHN	24	0738	0752	0739	S07	W79	.979	11781	18.4	14	-N	3	C		.33			D 8
436 HTPR	24	1159	1205	1201	N07	E06	.261	11787	24.9	6	-F		C	1201	.10	.10		8
GRP43437 HTPR ATHN	24 24 24	1334 1333 1334	1341 1342 1340	1336 1335 1336	N07 N07 N07	W05 W04 W06	.255 .250 .261	11787 11787 11787	24.2 24.3 24.1	7 9 6	-F -F -F		C	1335	.22 .10 .33	.10		2 2 2 9 D
GRP43438 HTPR ARCE	24 24 24	1435 1435 1440E	1500 1500 1455D	1449 1449	S12 S12 S11	E21 E22 E19	.364 .379 .329	11792 11792 11792	26.2 26.3 26.0	25 25 15D	-F -F -F		C	1449 1445	.21 .10 .31	.10 .30		2 2 2 9
439 HTPR	24	1528	1538	1533	S07	E34	.555	11793	27.2	10	-F		C	1533	.21	.20		10
440 HTPR	24	1614	1625	1617	S10	E23	.390	11792	26.4	11	-F		C	1617	.31	.30		10
449 BOUL	24	2225	2234	2226	S20	W50	.768	11784	21.2	9	-F	2	V	2226	.45	.70		5
455 ATHN	25	0521	0530	0523	N07	W17	.373	11787	23.9	9	-N	2	C		.50			F 5
GRP43457 HTPR ATHN	25 25 25	0607 0607 0634	0652 0652 0655	0616 0616 0635	S20 S20 S22	W23 W23 W21	.436 .436 .427	11786 11786 11786	23.5 23.5 23.7	45 45 21	-F -F -F		C	0616	.21 .21 .33	.20		2 1 1 9 DH
459 HTPR	25	0712	0726	0716	S20	W23	.436	11786	23.6	14	-F		C	0716	.21	.20		9
460 ATHN	25	0755	0809	0759	S17	W62	.877	11784	20.7	14	-F	3	C		.33			D 13
461 HTPR	25	0853	0856	0855	N08	W13	.338	11787	24.4	3	-F		C	0855	.10	.10		12
465 ATHN	25	1235	1247	1240	N13	W78	.985	11783	19.7	12	-F	3	C		.50			D 8
466 CAPS	25	1328	1336D		N09	W10	.321	11787	24.8	8D	-F		V	1328	1.00	1.00	153	8

SOLAR FLARES

Unconfirmed

MARCH 1972

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. %					
467 RAMY	25	1438	1457	1443	N13	W76	.978	11783	19.9	19	1N	3	C					F	8			
468 CATA	25	1440	1500	1445	N19	W90	1.001	11783	18.9	20	1F		C	1445	.80			112	8			
469 LOCK	25	1850	1900	1853	N07	W13	.325	11787	24.8	10	-F		C						5			
472 ATHN	26	0620	0634	0624	N10	W29	.551	11787	24.1	14	-F	3	C		.33				D	8		
473 ATHN	26	0742	0756	0744	N11	W88	1.000	11783	19.7	14	-F	3	C						D	8		
474 ATHN	26	0832	0844	0836	N08	W80	.988	11783	20.4	12	-N	3	C		.33				D	11		
GRP43475	26	0910	0953	0920	N16	W90	1.001	11783	19.6	43	-N				.34				2	1	1	10
ARCE	26	0910E	0953D		N16	W90	1.001	11783	19.6	43D	-N		C	0934	.34							
ATHN	26	0915	0949	0920	N12	W88	1.000	11783	19.8	34	-F	3	C						D			
476 ATHN	26	0945	1004	0949	N08	W28	.524	11787	24.3	19	-F	3	C		.33				DH	9		
477 ATHN	26	1051	1104	1054	S22	W38	.638	11786	23.6	13	-F	3	C		.33				D	7		
479 ATHN	26	1309	1318	1311	S16	W76	.965	11784	20.8	9	-F	3	C		.33				D	9		
480 ATHN	26	1322	1351	1326	S20	W38	.631	11786	23.7	29	-F	3	C		.33				D	9		
481 PALE	26	1704E	1719D	1705	N06	W36	.618	11787	24.0	15D	-F	3	C		.41				F	5		
482 MCMA	26	1707	1715	1709	N08	W90	1.000	11783	20.0	8	-F		C	1709						5		
484 PALE	26	2016E	2021D	2018	N06	W28	.511	11787	24.7	5D	-F	2	C		.31				F	4		
GRP43486	27	0400	0416	0403	S22	W46	.730	11786	23.7	16	-F				.67				2	2	2	7
MANI	27	0359	0419	0403	S22	W47	.740	11786	23.6	20	-F	2		0403	.62	.92						
MITK	27	0400	0413	0402	S22	W45	.719	11786	23.8	13	-F		C	0402	.72	1.00						
487 TEHR	27	0436	0441	0438	S20	W87	.996	11784	20.7	5	-F	3	C		.20				D	7		
489 ISTA	27	0835	0842		S21	W48	.749	11786	23.8	7	-F								D	9		
492 RAMY	27	1327	1335	1330	N05	W40	.664	11787	24.6	8	-F	3	C		.37				D	5		
493 ARCE	27	1500E	1500D		S22	W53	.801	11786	23.6		-F		P	1500	.12	.20				7		
495 ATHN	28	0720	0735	0724	N06	W86	.998	11791	21.9	15	-N	2	C		.17				D	8		
496 MANI	28	0753E	0810	0754	S05	E82	.989	11799	3.5	17D	-N	2		0754	.31	.83				9		
500 HTPR	28	1208	1228	1211	S05	E78	.976	11799	3.4	20	-F		C	1211	.31					5		
GRP43502	28	1412	1424	1415	S06	E76	.968	18783	3.3	12	-F				.32				2	2	2	8
ATHN	28	1411	1422	1414	S07	E77	.972	18783	3.4	11	-F	3	C		.33				D			
HTPR	28	1413	1425	1415	S05	E75	.964	18783	3.2	12	-N		C	1415	.31							
504 LOCK	28	1600E	1612	1600E	S07	E74	.958	11803	3.2	12D	-F		C							6		
505 LOCK	28	1713	1725	1716	S07	E74	.958	11799	3.3	12	-F		C							4		
508 LOCK	28	2315	2335	2320	S07	E83	.991	11799	4.2	20	-F		C							4		
GRP43510	29	0620	0709	0633	S05	E81	.986	11799	4.3	49	-F				.31				2	1	1	7
MANI	29	0620	0709	0633	S05	E81	.986	11799	4.3	49	-F	2		0633	.31	.81						
ATHN	29	0645	0655	0648	S04	E82	.989	11799	4.4	10	-F	2	C		.17				D			
511 CANR	29	0852	0905		N09	W65	.918	11787	24.5	13	-F		V	0852	.35	.70					10	
512 HTPR	29	0934	0955	0940	S06	E80	.983	11799	4.4	21	-F		C	0940	.10						9	
514 RAMY	29	1135	1155	1137	S12	E64	.893	11799	3.3	20	-F	2	C		.36				D	7		
516 ATHN	29	1223	1230	1225	S06	E66	.910	11799	3.5	7	-F	3	C		.33				D	8		
517 RAMY	29	1306	1320	1308	S10	E80	.982	11799	4.5	14	-F	2	C		.21				D	8		
518 ATHN	29	1447	1454	1449	S05	E69	.931	11799	3.8	7	-F	2	C		.33				D	5		
519 HTPR	29	1617E	1627D		S05	E55	.816	11799	2.8	10D	-F		C	1627	.21	.40					8	
521 MANI	29	2335E	0006	2358	S21	W84	.990	11786	23.7	31D	-F	2		2358	.41	1.15					5	
522 MANI	30	0119	0130	0123	S09	E71	.941	11799	4.4	11	-F	2		0123	.52	1.12					4	

SOLAR FLARES

Unconfirmed

MARCH 1972

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS.		MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL	MCMATH	CMP			COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %	
1972 MAR																			
523	MANI	30 0126	0130	0128	S05	E65	.904	11799	3.9	4	-F	2	0128	.31	.61			4	
524	HTPR	30 0702	0709	0704	S27	E08	.370	11801	30.9	7	-F	C	0704	.21	.20			8	
526	ATHN	30 0717	0727	0718	S07	E65	.902	11799	4.2	10	-F	3	C	.33			D	7	
527	HTPR	30 0757	0806	0758	S13	E51	.772	11803	3.2	9	-F	C	0758	.21	.30			9	
529	ARCE	30 0807E	0900D		S13	E50	.761	11803	3.1	53D	-F	C	0807	.25	.40		H	9	
530	ARCE	30 0838E	0853D		S27	W07	.365	11801	29.8	15D	-F	C	0848	.32	.30		H	11	
531	ATHN	30 0855	0901	0857	S28	E08	.385	11801	31.0	6	-F	3	C	.17			D	12	
532	HTPR	30 0904	0912	0906	S27	E06	.360	11801	30.8	8	-F	C	0906	.21	.20			12	
533	ATHN	30 1036	1047	1042	N17	W74	.974	11787	24.9	11	-F	1	C	.33			D	9	
534	HTPR	30 1442	1454	1444	S27	E04	.353	11801	30.9	12	-F	C	1444	.31	.30			7	
535	LOCK	30 1700	1730	1712	S28	E03	.367	11801	30.9	30	-F	C						5	
536	BOUL	30 1814	1827	1814	S14	W64	.893	11792	26.0	13	-F	2	V	1814	.50	1.00		4	
538	ARCE	31 1427E	1500D		S06	W03	.053	11794	31.4	33D	-N	C	1427	.98	1.00		B	6	
539	ARCE	31 1455E	1500D		S07	E47	.727	11799	4.1	5D	-F	P	1500	.60	.90			5	