

SOLAR FLARES

Confirmed

MAY 1972

OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS			
	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 MAY																			
GRP43907	02	0804	0815	0808	S18	E69	.932	11868	7.5	11	-F							6 6 5 13		
CRON	02	0800	0812	0807	S22	E67	.922	11868	7.4	12	-F	2	C	0807	.46					
ATHN	02	0800E	0807	0800	S17	E68	.926	11868	7.4	7D	-F	2	C		.54				D	
TELV	02	0800	0807D	0807	S14	E75	.963	11868	8.0	7D	1N				.33					
CAPS	02	0806	0811		S18	E68	.926	11868	7.4	5	-F	3	V	0807	.48				(157)	
TEHR	02	0807E	0813	0808	S15	E65	.905	11868	7.2	6D	-N	3	C		.66				FH	
CATA	02	0810	0815	0810	S20	E68	.927	11868	7.4	5	-N			0810	.29				(162)	
GRP43908	02	0900	0917	0908	S21	W48	.761	11852	28.8	17	--F				.26				5 5 5 12	
CANR	02	0855	0910		S21	W48	.761	11852	28.8	15	-F	2	V	0900	.25	.50				
ATHN	02	0905	0912	0907	S21	W50	.781	11852	28.6	7	-F	2	C		.33				D	
CAPS	02	0906E	0918D		S17	W48	.752	11852	28.8	12D	-F	3	V	0907	.29				(157)	
ARCE	02	0906E	0930D		S22	W49	.774	11852	28.7	24D	-F			0906	.17	.30			CL	
TEHR	02	0907E	0914D	0908	S22	W46	.743	11852	28.9	7D	-N	4	C		.28				F	
912 LOCK	02	1825	1840	1830	S09	E79	.980	11856	8.7	15	--F								3	
913 LOCK	02	2045	2125	2051	S09	E82	.989	11856	9.0	40	--F								2	
GRP43915	03	0530	0547	0537	S06	E42	.668	11848	6.4	17	--N				.60				4 4 4 8	
HTPR	03	0529	0547	0533	S06	E42	.668	11848	6.4	18	-F			0533	.52	.60				
ATHN	03	0531	0551	0534	S06	E43	.680	11848	6.5	20	-N	2	C		.50				D	
TEHR	03	0538E	0548	0541	S05	E39	.628	11848	6.2	10D	-N	3	C		.46				F	
MANI	03	0540E	0541	0540	S07	E42	.668	11848	6.4	1D	-N	2		0540	.93	1.25				
GRP43916	03	0825	0850	0829	S15	E74	.959	11856	8.9	25	-N				.47				4 4 4 7	
MANI	03	0820E	0900	0831	S16	E74	.959	11856	8.9	40D	-N				.83	1.88				
MANI	03	0820E	0900	0826	S16	E74	.959	11856	8.9	40D	-F	2		0826	.52	1.18				
ATHN	03	0823	0836	0826	S17	E73	.954	11856	8.8	13	-F	3	C		.33				D	
ARCE	03	0824E	0855D		S14	E74	.959	11856	8.9	31D	-N			0831	.45				D	
ATHN	03	0829	0840	0832	S15	E74	.959	11856	8.9	11	-F	3	C		.33				D	
CANR	03	0832	0845		S15	E74	.959	11856	8.9	13	-N	2	V	0832	.25	.50				
GRP43917	03	0917	0926	0920	S10	E72	.949	11856	8.8	9	-N				.38				4 4 4 7	
ARCE	03	0915E	0925D		S08	E70	.938	11856	8.6	10D	-N			0922	.17					
ATHN	03	0916	0920D	0920	S10	E75	.964	11856	9.0	4D	-N	2	C		.66				D	
MANI	03	0918E	0928	0920	S10	E71	.943	11856	8.7	10D	-N	2		0920	.41	.90				
CATA	03	0920	0925	0920	S10	E70	.937	11856	8.6	5	-N			0920	.29				(157)	
GRP43918	03	1015	1025	1019	S14	E73	.954	11856	8.9	10	-N				.71				2 2 2 3	
CATA	03	1015	1025	1020	S14	E71	.943	11856	8.8	10	-N			1020	.58				(158)	
ATHN	03	1018E	1019D	1018	S14	E74	.959	11856	9.0	1D	-N	2	C		.83				F	
919 ATHN	03	1350	1401	1354	S17	E75	.964	11856	9.2	11	--F	2	C		.33				D 3	
GRP43920	03	1511	1524	1515	S17	E71	.944	11856	9.0	13	--F				.50				2 2 1 3	
LOCK	03	1510	1525	1515	S17	E70	.938	11856	8.9	15	-F				.50				F	
ATHN	03	1511	1523	1515	S16	E72	.949	11856	9.0	12	-N	2	C		.50					
921 HUAN	03	1733	1740	1735	S14	E70	.938	11856	9.0	7	--F	1	C	1735					3	
3 STATIONS REPORTING GROUP 43924.															1 STATIONS OBSERVING AND NOT REPORTING.					
GRP43924	04	0825	0909	0833	S20	E61	.879	11856	8.9	44	--F				.43				2 2 2 4	
ATHN	04	0819	0840	0824	S18	E60	.869	11856	8.8	21	-F	2	C		.17				D	
MANI	04	0824	0900	0834	S21	E61	.880	11856	8.9	36	-N	2		0834	.52	.97				
ATHN	04	0825	0918D	0832	S20	E63	.894	11856	9.1	53D	-F	2	C		.33				D	
43924	04	0823	0903	0844	S19	E63	.893	11856	9.1	40	*-F				.33				2 2 1 4	
ISTA	04	0820	0847		S17	E62	.884	11856	9.0	27	-N				.33				EB	
ATHN	04	0825	0918D	0844	S20	E63	.894	11856	9.1	53D	-F	2	C		.33					
	04	0918	0923	NO FLARE PATROL																
	04	0926	1021	NO FLARE PATROL																
GRP43927	04	1458	1521	1505	S17	E57	.842	11856	8.9	23	--F				.31				2 2 2 2	
HUAN	04	1453	1521	1505D	S16	E57	.841	11856	8.9	28	-F	2	C	1505	.31	.56			E	
CANR	04	1503	1520		S17	E57	.842	11856	8.9	17	-F	2	V	1503	.30	.30				
GRP43928	04	1645	1650	1646	S16	E57	.841	11856	9.0	5	--F				.29				3 3 3 5	
RAMY	04	1644E	1650	1644	S15	E52	.792	11856	8.6	6D	-F	3	C		.31				DM	
HUAN	04	1645	1647D		S17	E59	.859	11856	9.1	2D	-F	2	P	1646	.26	.49			D	
PALE	04	1646E	1649	1646	S16	E61	.875	11856	9.3	3D	-F	2	C		.31					
931 ATHN	05	0521	0529	0523	N10	E40	.671	11854	8.2	8	--F	2	C		.33				D 4	

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

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OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IMPOR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS	
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH FLARE REGION				CMP DAY	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hg		MAX. INT. %
GRP43932	05	0609	0615	0609	S18	E50	.776	11856	9.0	6	--F							3 3 3 5
HTPR	05	0608	0614	0609	S18	E49	.766	11856	8.9	6	-F							D
CRIM	05	0608E	0615D	0609	S18	E50	.776	11856	9.0	7D	-F		1.10					
CATA	05	0610	0615	0610	S17	E50	.774	11856	9.0	5	-N		.17	.27			(19D)	
GRP43933	05	0635	0648	0639	N09	E37	.630	11854	8.0	13	-N			.79				4 4 4 7
HTPR	05	0634	0644	0638	N10	E39	.659	11854	8.2	10	-N		1.24	1.50				EU
ATHN	05	0635	0645	0637	N09	E39	.655	11854	8.2	10	-F	2		.66				D
CATA	05	0635	0655	0640	N09	E37	.630	11854	8.0	20	-N			.80	1.06			(176)
TEHR	05	0638E	0647	0641	N08	E33	.573	11854	7.8	9D	-N	4		.46				FM
GRP43934	05	0720	0732	0726	S18	E49	.766	11856	9.0	12	--N			.51				5 5 5 8
MANI	05	0718	0734	0726	S18	E48	.755	11856	8.9	16	-N	2		.72	1.10			
HTPR	05	0720	0731	0728	S18	E48	.755	11856	8.9	11	-N			.62	.90			
CATA	05	0720	0730	0720	S17	E49	.764	11856	9.0	10	-F			.34	.53			(144)
ATHN	05	0722	0733	0726	S18	E50	.776	11856	9.1	11	-N	2		.33				D
CANR	05	0726E	0732	0728	S18	E49	.766	11856	9.0	6D	-N	2		.54	.84			
GRP43935	05	0822	0831	0826	S17	E53	.805	11856	9.3	9	--F			.23				5 5 5 8
CATA	05	0820	0830	0825	S17	E53	.805	11856	9.3	10	-N			.29	.48			(151)
ATHN	05	0822	0833	0824	S18	E54	.816	11856	9.4	11	-N	2		.02				DH
HTPR	05	0823	0830	0827	S17	E54	.815	11856	9.4	7	-F			.21	.30			
TEHR	05	0824	0832	0826	S16	E49	.762	11856	9.0	8	-F	4		.09				DM
MANI	05	0826E	0832	0827	S17	E53	.805	11856	9.3	6D	-F	2		.52	.85			
GRP43936	05	0918	0941	0920	S16	E46	.729	11856	8.8	23	--N			.41				4 3 3 9
ATHN	05	0856	0930	0917	S16	E48	.751	11856	9.0	34	-F	2		.33				D
MANI	05	0856	0900	0900	S15	E46	.727	11856	8.8	4	-F	2		.31	.46			
CAPS	05	0916E	0950	0921	S17	E47	.742	11856	8.9	34D	-B	1	S	.80	1.20			(208)
HTPR	05	0919	0943	0922	S15	E43	.692	11856	8.6	24	-F			.10	.10			
937 RAMY	05	1051	1110D	1053	S13	E41	.663	11856	8.5	19D	--F	3		.21				D
GRP43939	05	1236	1254	1240	S13	E43	.688	11856	8.8	18	--F			.42				4 4 4 6
HTPR	05	1230	1245D	1240	S14	E43	.690	11856	8.7	15D	-F			.83	1.10			E
RAMY	05	1237	1253	1240	S13	E40	.650	11856	8.5	16	-F	4		.31				D
CATA	05	1240	1255	1240	S13	E45	.712	11856	8.9	15	-N			.29	.41			(199)
MCMA	05	1244E	1249D	1240	S13	E43	.688	11856	8.8	5D	-N			.26	.30			E
GRP43943	05	1407	1412	1409	S13	E44	.700	11856	8.9	5	--F			.42				2 2 2 3
MCMA	05	1407	1413	1409	S13	E43	.688	11856	8.8	6	-F			.52	.70			EL
HUAN	05	1407	1411	1409U	S13	E45	.712	11856	9.0	4	-F	1		.31	.43			E
GRP43945	05	1721	1744	1727	S12	E42	.674	11856	8.9	23	--F			.61				2 2 2 3
PALE	05	1720	1746	1728	S10	E40	.645	11856	8.7	26	-F	3		.81				F
RAMY	05	1722	1742	1725	S13	E43	.688	11856	8.9	20	-F	3		.41				D
RAMY	05	1722	1742	1725	S13	E43	.688	11856	8.9	20	-F	3		.41				DM
GRP43946	05	1832	1840	1835	S15	E41	.668	11856	8.8	8	--F			.27				2 2 2 4
HUAN	05	1831	1840	1835	S16	E42	.682	11856	8.9	9	-F	2		.26	.35			D
PALE	05	1832	1840	1834	S13	E40	.650	11856	8.8	8	-F	3		.27				F
GRP43947	05	2019	2043	2026	S13	E40	.650	11856	8.8	24	-N			.85				3 3 3 3
PALE	05	2016E	2038D	2026	S13	E39	.638	11856	8.8	22D	-N	3		.99				
PALE	05	2016E	2038D	2020	S13	E39	.638	11856	8.8	22D	-F	3		.36				F
RAMY	05	2021	2044	2025	S14	E41	.665	11856	8.9	23	-N	3		1.34				D
RAMY	05	2021	2044	2025	S14	E41	.665	11856	8.9	23	-N	3		1.34				D
MCMA	05	2024E	2041	2041	S13	E40	.650	11856	8.9	17D	-N			.21	.30			E
GRP43948	05	2200	2207	2202	S22	E42	.702	11856	9.1	7	--F			.45				2 2 2 4
MANI	05	2200E	2207	2203	S18	E41	.676	11856	9.0	7D	-F	1		.62	.85			
PALE	05	2201E	2206	2201	S26	E42	.719	11856	9.1	5D	-F	3		.27				F
GRP43949	05	2212	2301	2232	S18	E42	.688	11856	9.1	49	-N			1.44				3 3 3 4
PALE	05	2212	2253	2233	S17	E39	.649	11856	8.8	41	-N	3		1.44				
PALE	05	2212	2253	2215	S17	E39	.649	11856	8.8	41	-F	3		1.27				D
MANI	05	2223E	2301	2230	S20	E41	.683	11856	9.0	38D	-N	2		1.03	1.41			
CULG	05	2224E	2308	2230	S17	E45	.720	11856	9.3	44D	1N			1.86	2.52			
GRP43951	06	0643	0653	0647	S14	E35	.588	11856	8.9	10	--F			.35				2 2 2 4
TEHR	06	0643E	0653	0647	S13	E35	.585	11856	8.9	10D	-N	3		.36				F
ATHN	06	0643	0653	0647	S15	E35	.592	11856	8.9	10	-F	2		.33				D
ATHN	06	0645E	0654	0647	S16	E33	.569	11856	8.8	9D	-F	3		.33				D
GRP43952	06	1405	1444	1407	N17	E30	.589	11857	8.8	39	--F			.58				3 2 2 4
RAMY	06	1405	1436	1407	N17	E30	.589	11857	8.8	31	-F	3		.84				D
HUAN	06	1409E	1417D	1407	N17	E30	.589	11857	8.8	8D	-F	1	P	1409	.31	.39		
CAPS	06	1420	1444D	1407	N18	E33	.630	11857	9.1	24D	-N	1	V	1421	.50	.60		(162)

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS		
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha		MAX. INT. %	
	1972																		
	MAY																		
	06	2000	2016	NO FLARE	PATROL														
	06	2100	2120	NO FLARE	PATROL														
GRP43962	07	0812	0845	0822	S17	E20	.403	11856	8.8	33	--F							3 2 2 8	
HTPR	07	0812	0843	0822	S15	E18	.360	11856	8.7	31	-F	C	0828	.26	.20				
CAPS	07	0825E	0843D		S19	E20	.421	11856	8.9	18D	-N	3 V	0825	.30	.30	(166)			
ISTA	07	0830	0850		S16	E23	.435	11856	9.1	20	-F							D	
GRP43964	07	1303	1313	1304	N18	E21	.498	11857	9.1	10	--N			.58				6 6 4 7	
RAMY	07	1300	1308D	1303	N19	E21	.509	11857	9.1	8D	-N	3 C		.28				D	
HTPR	07	1302	1308	1304	N18	E23	.519	11857	9.3	6	-N	C	1304	1.03	1.10			G	
ATHN	07	1302E	1305D	1304	N17	E23	.510	11857	9.3	3D	-N	2 C		.50				D	
ONDR	07	1303E	1332D		N18	E20	.488	11857	9.0	29D	1N	V	1304			3.40		CD	
BOUL	07	1303E	1307	1303U	N18	E17	.459	11857	8.8	4D	-N	3 V							
CATA	07	1305	1310	1305	N19	E21	.509	11857	9.1	5	-N	C	1305	.52	.60	(164)			
GRP43965	07	1304	1317	1307	S16	E18	.369	11856	8.9	13	--F			.45				3 3 3 6	
RAMY	07	1304	1308D	1306	S17	E18	.378	11856	8.9	4D	-N	2 C		.65				D	
HTPR	07	1304	1317D		S15	E18	.360	11856	8.9	13D	-F	C	1308	.21	.20				
ATHN	07	1307E	1313D	1307	S17	E17	.365	11856	8.8	6D	-F	2 C		.50				D	
GRP43966	07	1449	1523	1455	S16	E18	.369	11856	9.0	34	-N			1.20				7 6 5 7	
BOUL	07	1415E	1513	1428U	S15	E18	.360	11856	8.9	58D	-B	3 V							
ATHN	07	1444	1519	1454	S17	E17	.365	11856	8.9	35	-N	2 C		1.32				ZF	
RAMY	07	1450	1527	1455	S16	E17	.356	11856	8.9	37	-B	3 C		1.58				F	
CATA	07	1450	1530D	1455	S15	E17	.347	11856	8.9	40D	-B	P	1455	1.16	1.23	(209)		Z	
HUAN	07	1450	1525		S15	E17	.347	11856	8.9	35	-N	1 C	1457	.98	1.05			E	
CANR	07	1450	1515	1455	S16	E18	.369	11856	9.0	25	-N	2 C	1455	.97	1.04				
ONDR	07	1451E	1456D		S15	E20	.387	11856	9.1	5D	1N	V	1453			2.90		CE	
GRP43967	07	1614	1624	1616	N18	E18	.468	11857	9.0	10	--N			.63				3 3 2 5	
HUAN	07	1613	1623	1616	N18	E18	.468	11857	9.0	10	-N	2 C	1616	.26	.29			D	
ZURI	07	1614	1620	1616	N19	E19	.490	11857	9.1	6	-N	C	1616	.99	1.10				
BOUL	07	1615	1630D	1616	N18	E16	.450	11857	8.9	15D	-N	3 V							
GRP43968	07	1834	1907	1839	S15	E15	.320	11856	8.9	33	--F			.58				4 4 3 4	
HUAN	07	1833	1924U		S17	E16	.353	11856	9.0	51D	-N	1 C	1839	.41	.44			EK	
RAMY	07	1833	1848D	1836	S15	E16	.333	11856	9.0	15D	-F	2 C		.83				F	
LOCK	07	1835	1905	1841	S15	E13	.295	11856	8.7	30	-F	C							
CANR	07	1835	1852		S14	E14	.298	11856	8.8	17	-N	2 V	1836	.50	.50				
969 LOCK	07	2213	2225	2216	S24	E02	.351	11868	8.1	12	--F	C						4	
GRP43972	08	1459	1513	1506	S22	W09	.350	11868	7.9	14	--F			.56				2 2 2 7	
CATA	08	1455	1515	1505	S22	W09	.350	11868	7.9	20	-N	C	1505	.75	.81	(166)			
HUAN	08	1502	1510	1506	S22	W09	.350	11868	8.0	8	-F	2 C	1506	.36	.39			E	
7 STATIONS REPORTING GROUP 43974. 1 STATIONS OBSERVING AND NOT REPORTING.																			
GRP43974	08	1531	1623	1543	S20	E04	.292	11856	8.9	52	-N			1.09				3 3 2 6	
LOCK	08	1526	1635	1545	S21	E02	.303	11856	8.8	69	1N	C						S	
HUAN	08	1528	1632	1541	S19	E05	.281	11856	9.0	64	-N	2 C	1541	.67	.71			E	
HUAN	08	1528	1537	1531	S18	E01	.252	11856	8.7	9	-F	2 C	1531	.31	.32			D	
CAPS	08	1539	1603	1544	S17	E10	.288	11856	9.4	24	-N	1 V	1544	1.50	1.60	(182)		H	
CAPS	08	1549	1603		S23	E03	.338	11856	8.9	14	-F	1 V	1549	.50	.60	(145)			
43974	08	1528	1640	1535	S18	E04	.260	11856	8.9	72	*-N			1.30				3 3 3 6	
CATA	08	1525	1615D	1535	S21	E05	.312	11856	9.0	50D	-N	P	1535	1.39	1.46	(204)			
CANR	08	1529	1640		S18	E03	.256	11856	8.9	71	-N	2 V	1535	1.80	1.80				
CAPS	08	1529E	1614D		S14	E06	.209	11856	9.1	45D	-B	1 P	1529	.70	.70	(216)		CH	
CAPS	08	1530	1544		S14	E03	.190	11856	8.9	14	-F	1 V	1530	.50	.50	(153)			
43974	08	1607	1627	1607	S18	E05	.265	11856	9.0	20	*-F			.64				2 2 2 8	
ATHN	08	1607E	1626	1607	S17	E05	.249	11856	9.0	19D	-N	2 C		.83				F	
ARCE	08	1617E	1627D		S19	E04	.276	11856	9.0	10D	-F	P	1617	.45	.50			B	
GRP43979	08	1724	1738	1728	N17	E07	.368	11857	9.3	14	--F			.41				3 3 3 4	
PALE	08	1722	1738	1728	N16	E09	.365	11857	9.4	16	-F	3 C		.36				F	
PALE	08	1723	1737	1725	N16	E07	.353	11857	9.2	14	-F	3 C		.57				F	
HUAN	08	1724	1737	1728	N17	E07	.368	11857	9.2	13	-F	2 C	1728	.26	.28			D	
RAMY	08	1730E	1739D	1731	N19	E06	.394	11857	9.2	9D	-F	2 C		.41				D	
980 HUAN	08	1921	1947		S07	E88	.999	11870	15.4	26	--F	1 C	1940	.21				DK 3	
981 LOCK	08	2008	2020	2011	N20	E07	.414	11857	9.4	12	--F	C						3	
983 ATHN	09	0428E	0432	0428	S08	E82	.989	11870	15.3	4D	--F	2 C		.33				D 3	
985 ATHN	09	0531E	0553	0533	S08	E82	.989	11870	15.4	22D	--N	2 C		.33				D 3	

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS	
	DATE 1972 MAY	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MC MATH PLAGE REGION	OMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α		MAX. INT. %
GRP44002	09	2001	2029	2010	S12	W15	.295	11856	8.7	28	-N							3 3 2 3
LOCK	09	2000	2030	2010	S15	W19	.375	11856	8.4	30	1F							
HUAN	09	2001	2027		S11	W13	.259	11856	8.9	26	-N	1	C	2007	1.34	1.39		E
PALE	09	2004E	2030	2010	S10	W14	.266	11856	8.8	260	-N	2	C		1.18			F
GRP44003	10	0014	0041	0020	N06	W14	.288	11862	9.0	27	--N				.80			6 5 4 7
LOCK	10	0012	0055	0025	N06	W13	.275	11862	9.0	43	-N							
MANI	10	0014	0046	0018	N06	W14	.288	11862	9.0	32	-N	2		0018	.93	.97		
VORO	10	0015	0032	0018	N05	W15	.294	11862	8.9	17	-B		C	0018	.93	.95		71
MITK	10	0016E	0036	0018	N05	W14	.280	11862	9.0	200	-B		C	0018	.83	.90		D
CRON	10	0020E	0036		N07	W14	.298	11862	9.0	160	-N	2	V		.50			
PALE	10	0052E	0054D	0052	N08	W14	.308	11862	9.0	20	-F	2	C		.77			F
PALE	10	0052E	0052D	0052	N08	W12	.283	11862	9.1		-F	2	C		.45			F
006 PALE	10	0300E	0304D	0302	S17	W18	.381	11856	8.8	40	--F	2	C		.36			F
GRP44011	10	0625	0701	0641	N18	W18	.464	11857	8.9	36	--N				.42			3 3 3 7
BUCA	10	0620E	0715D		N19	W16	.458	11857	9.1	55D	-N		P	0645	.55	.60		
HTRP	10	0629	0651	0644	N18	W20	.484	11857	8.8	22	-F		C	0644	.31	.30		
MANI	10	0638E	0657	0638	N17	W17	.443	11857	9.0	190	-N	2		0638	.41	.46		
GRP44012	10	0745	0807	0748	S23	W33	.609	11868	7.8	22	--F				.84			3 3 2 9
CRIM	10	0745E	0811D		S23	W34	.621	11868	7.8	260	-F		P	0753	1.35	1.80		EJ
ISTA	10	0745	0805		S23	W28	.552	11868	8.2	20	-N							D
ATHN	10	0747E	0805	0748	S22	W37	.649	11868	7.5	180	-F	3	C		.33			D
GRP44016	10	1058	1116	1102	N18	W23	.516	11857	8.7	18	--F				.38			5 5 5 10
RAMY	10	1056	1132	1102	N18	W20	.484	11857	9.0	36	-F	2	C		.77			F
ATHN	10	1058E	1110	1101	N18	W20	.484	11857	9.0	120	-F	2	C		.66			D
CANR	10	1059	1103D		N17	W25	.529	11857	8.6	40	-F	3	V	1103	.15	.70		
MONT	10	1100	1106	1102	N17	W25	.529	11857	8.6	6	-F		C	1102	.10			
CAPS	10	1109E	1115D		N18	W24	.527	11857	8.7	60	-F	1	S	1109	.20	.20		(157) C
GRP44018	10	1108	1124	1114	S07	E66	.912	11870	15.4	16	--F				.38			4 4 4 10
HTRP	10	1106	1119	1112	S08	E65	.905	11870	15.3	13	-F		C	1112	.41	.80		E
RAMY	10	1109	1128	1113	S06	E64	.897	11870	15.3	19	-F	2	C		.31			D
CAPS	10	1114E	1129		S07	E68	.926	11870	15.6	150	-F	1	V	1114	.48			(153) C
ATHN	10	1116E	1121	1116	S08	E65	.905	11870	15.3	50	-F	2	C		.33			D
GRP44019	10	1112	1131	1117	N17	W22	.495	11857	8.8	19	-1N				.42			4 4 3 10
TELV	10	1051	1130	1116	N17	W20	.474	11857	9.0	39	2N							
CAPS	10	1112E	1115D		N18	W15	.436	11857	9.3	30	-F	1	S	1112	.70	.80		(142) C
CATA	10	1112E	1135	1120	N17	W25	.529	11857	8.6	230	-N		P	1120	.40	.48		(158) C
MCMA	10	1112	1127	1114	N17	W27	.551	11857	8.4	15	-N		C	1114	.15	.20		D
GRP44027	10	1545	1600	1546	N18	W20	.484	11857	9.2	15	--N				.64			4 4 3 6
HUAN	10	1543	1607D	1545	N19	W20	.495	11857	9.2	240	-N	1	C	1545	.46	.53		K
HTRP	10	1545	1551	1546	N19	W19	.486	11857	9.2	6	-N		C	1546	.83	.90		
LOCK	10	1545	1552	1547	N18	W20	.484	11857	9.2	7	-F		C					
MCMA	10	1546	1610	1547	N17	W22	.495	11857	9.0	24	-N		C	1547	.62	.70		EK
LOCK	10	1555	1620	1600	N18	W20	.484	11857	9.2	25	-F		C					
GRP44028	10	1737	1747	1740	S14	W25	.453	11856	8.9	10	--F				.72			3 3 2 4
LOCK	10	1735	1747	1740	S13	W25	.447	11856	8.9	12	-F		C					
MCMA	10	1738	1746	1741	S14	W24	.439	11856	8.9	8	-N		C	1741	.72	.80		E
RAMY	10	1738	1748	1740	S14	W25	.453	11856	8.9	10	-F	3	C		.72			F
GRP44029	10	1817	1859	1821	S14	W25	.453	11856	8.9	42	-N				1.14			5 5 4 5
LOCK	10	1814	1900	1820	S13	W25	.447	11856	8.9	46	-N		C					
PALE	10	1816	1848	1821	S14	W25	.453	11856	8.9	32	-N	2	C		1.27			D
MCMA	10	1817	1912	1820	S15	W25	.459	11856	8.9	55	-B		C	1820	1.29	1.50		E
RAMY	10	1817	1855	1823	S13	W27	.476	11856	8.7	38	-N	3	C		.83			F
PALE	10	1817	1848	1820	S15	W24	.445	11856	9.0	31	-N	4	C		1.34			D
CANR	10	1818	1945	1821	S15	W26	.472	11856	8.8	87	-N	2	C	1821	1.08	1.20		
030 MANI	10	2212E	2227	2214	S08	E60	.865	11870	15.4	150	--N	1		2214	.31	.56		2
031 MANI	10	2258E	2336	2258	N18	W23	.516	11857	9.2	380	--F	2		2258	.41	.48		2
032 MANI	11	0024	0038	0026	N17	W26	.539	11857	9.1	14	-N	2		0026	1.03	1.25		2
033 MITK	11	0044E	0100		S07	E90	1.000	11876	17.8	160	1B		C	0044	.62			D
GRP44034	11	0345	0358	0349	N17	W26	.539	11857	9.2	13	--N				.70			3 3 3 4
MANI	11	0343	0359	0350	N18	W27	.559	11857	9.1	16	-N	2		0350	1.13	1.39		
TEHR	11	0346	0357	0349	N17	W26	.539	11857	9.2	11	-N	4	C		.46			F
PALE	11	0349E	0349D	0349	N17	W26	.539	11857	9.2		-N	1	C		.52			
PALE	11	0349E	0349D	0349	N17	W26	.539	11857	9.2		-N	1	C		.52			

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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	MCMAATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %	
					LAT.	MER. DIST.												
GRP44036	11	0700	0741	0715	S14	W32	.550	11856	8.9	41	--N							3 3 3 6
BUCA	11	0700E	0750D		S14	W32	.550	11856	8.9	50D	-N							
MANI	11	0714E	0732	0714	S13	W32	.547	11856	8.9	18D	-N	2	0714	.62	.74			
TEHR	11	0715E	0722D	0715	S15	W31	.541	11856	9.0	7D	-F	2		.28				F
GRP44037	11	0810	0833	0814	S23	W47	.761	11868	7.8	23	--F							4 4 3 7
MANI	11	0810	0832	0814	S22	W47	.758	11868	7.8	22	-N	2	0814	.52	.80			
CRIM	11	0810E	0833D		S22	W48	.768	11868	7.7	23D	-F		0815	.36	.60			DG
ISTA	11	0810	0826		S24	W47	.765	11868	7.8	16	-F							D
ARCE	11	0814E	0840D		S24	W47	.765	11868	7.8	26D	-F		0814	.29	.50			
GRP44041	11	1310	1343	1323	N18	W32	.615	11857	9.1	33	-N							6 5 5 7
CATA	11	1305	1330D	1320	N17	W33	.620	11857	9.1	25D	-N		1320	1.16	1.47		(193)	
MCMA	11	1308	1400D	1324	N17	W33	.620	11857	9.1	52D	-N		1324	.83	1.10			E
CANR	11	1310	1333		N18	W33	.626	11857	9.1	23	-F	1	1312	.70				
TEHR	11	1318	1327D	1324	N19	W30	.600	11857	9.3	9D	-N	4		.46				UU
LOCA	11	1325E	1335	1325	N18	W30	.593	11857	9.3	10D	-N		1325	.63	.80			
CAPS	11	1331E	1340D		N18	W32	.615	11857	9.2	9D	-N	1	1333	.80	1.00		(160)	BF
GRP44045	11	1503	1525	1507	S06	E87	.998	11876	18.2	22	-N							3 3 0 8
RANY	11	1502	1529	1505	S05	E90	1.000	11876	18.4	27	-N	3						D
LOCK	11	1503	1520	1510	S07	E82	.989	11876	17.8	17	-F							D
ATHN	11	1503E	1527	1506	S07	E90	1.000	11876	18.4	24D	-N	3						D
GRP44047	11	1630	1655	1638	N17	W36	.654	11857	9.0	25	--F							4 4 3 6
LOCK	11	1626	1650	1635	N18	W35	.649	11857	9.1	24	-F							
MCMA	11	1630	1700	1637	N18	W36	.660	11857	9.0	30	-N		1637	.52	.70			E
ATHN	11	1633	1649D	1637	N15	W38	.666	11857	8.8	16D	-F	1		.83				F
RANY	11	1643E	1655	1643	N17	W35	.643	11857	9.1	12D	-F	2		.77				D
GRP44049	11	1833	1846	1838	S07	E86	.997	11876	18.2	13	--F							2 2 0 3
LOCK	11	1830	1850	1837	S08	E82	.989	11876	17.9	20	-F							D
MCMA	11	1835	1841	1838	S05	E89	1.000	11876	18.4	6	-N		1838					D
051 LOCK	11	1945	2005	1955	N12	E81	.990	11878	17.9	20	--F							S 3
GRP44052	11	2010	2055	2030	N12	E81	.990	11878	17.9	45	1N							2 1 0 3
LOCK	11	2010	2055	2030	N12	E81	.990	11878	17.9	45	1N							S
MCMA	11	2013	2031D		N07	E90	1.000	11878	18.6	18D	-F		2019					A
GRP44053	11	2052	2200	2130	N11	W46	.742	11857	8.4	68	--F			1.03				2 2 1 3
MCMA	11	2052	2153	2133	N11	W46	.742	11857	8.4	61	-N		2133	1.03	1.60			DHK
MCMA	11	2052	2153D	2107	N11	W46	.742	11857	8.4	61D	-N							
LOCK	11	2118	2200	2126	N11	W46	.742	11857	8.4	42	-F							
GRP44054	11	2249	2320	2253	N18	W40	.704	11857	9.0	31	--F							2 2 1 3
PALE	11	2248	2318D	2252	N18	W39	.693	11857	9.0	30D	-N	2		.72				F
LOCK	11	2250	2320	2254	N18	W40	.704	11857	9.0	30	-F							
PALE	11	2251E	2315	2252	N17	W40	.699	11857	9.0	24D	-N	2		.72				F
GRP44057	12	0028	0040	0032	N18	W38	.681	11857	9.2	12	-N			1.60				3 3 2 6
MANI	12	0026	0040	0032	N18	W39	.692	11857	9.1	14	-N	2	0032	1.03	1.45			
LOCK	12	0027	0040	0032	N19	W37	.676	11857	9.2	13	-F							
MITK	12	0030	0040	0032	N17	W38	.676	11857	9.2	10	1N		0032	2.17	3.00			
059 MANI	12	0412	0432	0420	N17	W40	.698	11857	9.2	20	--N	2	0420	.41	.58			3
GRP44060	12	0550	0605	0551	S04	E82	.990	11876	18.4	15	--F			.53				2 2 2 5
ATHN	12	0550E	0601	0551	S03	E80	.984	11876	18.2	110	-N	2		.33				D
CRIM	12	0550E	0609D		S05	E83	.992	11876	18.5	19D	-F		0554	.72				D
GRP44061	12	0550	0556	0555	N18	W42	.724	11857	9.1	6	--F			.24				2 2 2 5
MANI	12	0547	0554	0554	N18	W41	.714	11857	9.2	7	-N	2	0554	.31	.45			
ATHN	12	0553	0558	0555	N18	W43	.735	11857	9.0	5	-F	2		.17				D
GRP44062	12	0630	0640	0632	S03	E79	.981	11876	18.2	10	--N			.24				2 2 2 8
CATA	12	0630	0640	0630	S03	E78	.978	11876	18.1	10	-N		0630	.14			(168)	
ATHN	12	0632E	0639	0634	S03	E80	.984	11876	18.3	7D	-N	2		.33				D
GRP44064	12	0713	0726	0715	N18	W42	.724	11857	9.2	13	-N			1.23				5 5 5 8
MANI	12	0711	0730	0715	N17	W41	.709	11857	9.2	19	-B	2	0715	1.24	1.79			
ATHN	12	0713E	0723	0715	N19	W42	.729	11857	9.2	10D	-N	2		.50				F
ABST	12	0713	0720	0716	N17	W43	.730	11857	9.1	7	1N		0716	1.80	2.60			EZ
CAPF	12	0715E	0725		N18	W42	.724	11857	9.2	10D	1N		0716	1.65	2.40			
CATA	12	0715	0730	0715	N18	W41	.714	11857	9.2	15	-B		0715	.98	1.39		(257)	

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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 FLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %	
					LAT.	MER. DIST.												
1972 MAY																		
GRP44067	12	0753	0810	0759	N17	W44	.741	11857	9.0	17	--F			.60				3 3 2 9
ISTA	12	0750	0810		N18	W43	.735	11857	9.1	20	-F							E
ATHN	12	0754	0759	0757	N17	W46	.762	11857	8.9	5	-F	2	C	.50				D
CATA	12	0755	0820	0800	N17	W43	.730	11857	9.1	25	-N		C	0800	.69	1.02		(197)
GRP44068	12	0755	0811	0800	S04	E79	.981	11876	18.3	16	--N			.29				7 7 6 9
MANI	12	0729	0809	0759	S05	E78	.977	11876	18.2	40	-N	2		0759	.52	1.28		
ISTA	12	0745	0930	0800	S04	E79	.981	11876	18.2	105	-N							D
ATHN	12	0749	0806	0800	S03	E80	.984	11876	18.3	17	-N	2	C		.33			D
ATHN	12	0749	0806	0752	S03	E80	.984	11876	18.3	17	-F	2	C		.33			
MONT	12	0757	0820	0759	S05	E82	.990	11876	18.5	23	-F		C	0759	.21			
CAPS	12	0758E	0805D		S06	E80	.984	11876	18.3	70	-N	4	V	0800	.20			(170) CD
ARCE	12	0800E	0800D		S03	E79	.981	11876	18.3		-N		P	0800	.23			B
CATA	12	0800	0810	0800	S04	E78	.978	11876	18.2	10	-N		C	0800	.23			(170)
7 STATIONS REPORTING GROUP 44071. 4 STATIONS OBSERVING AND NOT REPORTING.																		
GRP44071	12	0911	0932	0916	S04	E77	.974	11876	18.2	21	--N			.26				5 5 5 11
ARCE	12	0855E	0950D		S04	E76	.970	11876	18.1	550	-N		C	0920	.36			
MANI	12	0906	0927	0915	S06	E77	.973	11876	18.2	21	-F	2		0915	.21	.50		
ATHN	12	0907E	0925	0909	S03	E78	.978	11876	18.2	180	-N	3	C		.33			D
TEHR	12	0916E	0929	0916	S04	E77	.974	11876	18.2	130	-F	2	C		.09			D
CANR	12	0916	0930		S04	E78	.978	11876	18.2	14	-N	1	V	0917	.30	1.00		
44071	12	0918	0934	0930	S05	E79	.981	11876	18.3	16	*-F			.43				2 2 2 11
CATA	12	0910	0935	0930	S04	E76	.970	11876	18.1	25	-N		C	0930	.34			(162)
MONT	12	0926	0932	0929	S05	E82	.990	11876	18.5	6	-F		C	0929	.52			
GRP44072	12	0923	0931	0926	S09	E89	1.000	11876	19.1	8	-N			.28				4 4 3 11
ARCE	12	0920E	0928		S08	E88	.999	11876	19.0	80	-N		C	0926	.39			H
ATHN	12	0924E	0931	0925	S09	E88	.999	11876	19.0	70	-N	3	C					D
CANR	12	0925	0935		S09	E90	1.000	11876	19.1	10	-N	1	V	0925	.25	1.00		
TEHR	12	0926E	0931D	0927	S08	E88	.999	11876	19.0	50	-N	2	C		.19			D
GRP44073	12	1031	1047	1034	S10	E88	.999	11876	19.0	16	--F			.40				2 2 1 4
ATHN	12	1031	1044	1034	S09	E88	.999	11876	19.0	13	-N	3	C					D
CAPS	12	1034E	1049D		S10	E88	.999	11876	19.0	150	-F	4	P	1035	.40			(157)
GRP44081	12	1258	1317	1304	N18	W46	.765	11857	9.1	19	-B			.75				7 7 7 9
CATA	12	1255	1315D	1305	N18	W47	.775	11857	9.0	200	-B		P	1305	.58	.90		(219)
MCMA	12	1256	1320	1303	N18	W48	.785	11857	8.9	24	-B		C	1303	.41	.60		EHX
CANR	12	1257	1318	1303	N16	W46	.758	11857	9.1	21	-N	2	C	1303	.54	.83		
ATHN	12	1258	1319	1306	N20	W46	.773	11857	9.1	21	1B	2	C		1.82			F
RAMY	12	1301	1313	1303	N19	W45	.760	11857	9.2	12	-N	3	C		.62			F
HUAN	12	1301E	1309		N18	W47	.775	11857	9.0	80	-N	1	P	1301	.67	1.05		ET
CAPS	12	1302E	1324D		N18	W46	.765	11857	9.1	220	-B	1	V	1302	.60	.80		(277) CF
GRP44092	12	1907	1913	1909	N20	W48	.792	11857	9.2	6	--F			.32				3 3 2 6
LOCK	12	1906	1914	1909	N21	W49	.805	11857	9.1	8	-F		C					H
BOUL	12	1907	1912	1909	N20	W47	.783	11857	9.3	5	-F	2	C	1909	.32	.52		
PALE	12	1907E	1913	1909	N20	W48	.792	11857	9.2	60	-N	2	C		.31			HM
GRP44093	12	1928	1938	1932	N21	W48	.796	11857	9.2	10	-B			.49				4 4 3 6
LOCK	12	1928	1940	1931	N21	W49	.805	11857	9.1	12	-B		C					
HUAN	12	1928	1935	1930	N20	W48	.792	11857	9.2	7	-B	1	C	1930	.72	1.18		
MCMA	12	1929	1937	1930	N21	W48	.796	11857	9.2	8	-B		C	1930	.52	.80		E
BOUL	12	1935E	1939	1936	N20	W47	.783	11857	9.3	40	-F	2	C	1936	.22	.34		
GRP44094	12	1941	1947	1942	S05	E69	.933	11876	18.0	6	--N			.26				3 3 2 5
LOCK	12	1940	1950	1942	S06	E69	.932	11876	18.0	10	-F		C					H
PALE	12	1941E	1945	1943	S05	E68	.926	11876	17.9	40	-N	2	C		.21			
BOUL	12	1942	1946	1942	S03	E69	.933	11876	18.0	4	-B	3	V	1942	.30	.60		
GRP44096	12	1959	2018	2004	N18	W50	.804	11857	9.1	19	-F			.62				2 2 1 3
MCMA	12	1953	2016	2002	N19	W49	.798	11857	9.2	23	-N		C	2002	.62	.90		E
BOUL	12	2005	2020	2005	N14	W52	.812	11857	8.9	15	1F	2	V					
BOUL	12	2005	2012	2005	N18	W50	.804	11857	9.1	7	-F	2	V					
097 LOCK	12	2253	2300	2255	N21	W50	.814	11857	9.2	7	--F		C					3
GRP44100	13	0813	0819	0814	N20	W55	.854	11857	9.2	6	-N			.63				2 2 1 6
ISTA	13	0810	0818	0813	N19	W55	.851	11857	9.2	8	-N							D
CATA	13	0815	0820	0815	N20	W55	.854	11857	9.2	5	-N		C	0815	.63	1.17		(170)
GRP44103	13	1049	1100	1050	N19	W56	.859	11857	9.3	11	--N			.45				3 3 3 6
CANR	13	1048	1100		N20	W58	.877	11857	9.1	12	-N	2	V	1050	.20			
CAPS	13	1050E	1100D		N18	W55	.849	11857	9.3	100	-F	1	V	1050	.80	1.40		(153) C
CATA	13	1050	1100	1050	N20	W56	.862	11857	9.3	10	-N		C	1050	.34	.67		(155)

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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 FLAGE REGION	CMP DAY	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.		MAX. WIDTH Ha
1972 MAY																	
GRP44106	13	1422	1544		S07	E63	.890	11876	18.3	82	-N						2 2 2 3
HUAN	13	1413	1443	1428	S07	E64	.898	11876	18.4	30	-N	1	C	1428	.81	1.02	
CATA	13	1430	1550	1455	S06	E63	.890	11876	18.3	80	1N		C	1455	1.16	2.55	(186)
HUAN	13	1528	1537	1531	S07	E63	.890	11876	18.4	9	-F	1	C	1531	.26	.57	
GRP44107	13	1619	1628	1620	N17	W62	.901	11857	9.0	9	--F						2 2 1 5
LOCK	13	1617	1628	1620	N17	W63	.908	11857	9.0	11	-F						
CANR	13	1620	1628		N16	W60	.885	11857	9.2	8	-N	3	V	1622	.30	.50	
GRP44108	13	1751	1810	1754	S05	E65	.905	11876	18.6	19	-N						3 3 2 4
LOCK	13	1750	1810	1754	S04	E64	.898	11876	18.5	20	-N						
HUAN	13	1751	1802D	1753	S04	E65	.905	11876	18.6	11D	-N	1	C	1753	.67		E
CANR	13	1752	1809		S07	E67	.919	11876	18.8	17	-N	2	V	1752	.80	1.80	
GRP44109	13	1806	1822	1806	N11	E43	.707	11880	17.0	16	-N						2 2 1 3
LOCK	13	1802	1820	1806	N11	E43	.707	11880	17.0	18	-N						
CANR	13	1809	1823		N11	E42	.695	11880	16.9	14	-N	2	V	1809	.10		
GRP44110	13	1837	1851	1838	S15	E86	.997	11883	20.2	14	--F						2 2 1 3
LOCK	13	1836	1848	1838	S15	E82	.989	11883	19.9	12	-F						
HUAN	13	1837	1853		S14	E90	1.000	11883	20.5	16	-F	1	P	1844	.26		
111 LOCK	13	1843	1851	1846	S06	E16	.280	11870	15.0	8	--F						3
112 LOCK	13	1924	1938	1926	S03	E62	.882	11876	18.5	14	--F						3
113 LOCK	13	1926	1940	1929	S09	E17	.308	11870	15.1	14	--F						3
GRP44115	13	2039	2050	2042	S05	E60	.865	11876	18.4	11	--F						2 2 1 3
BOUL	13	2038	2048	2042	S05	E58	.847	11876	18.2	10	-F	2	C	2042	.65	1.22	
LOCK	13	2039	2051	2041	S05	E61	.874	11876	18.4	12	-N						
116 LOCK	13	2109	2114	2111	S06	E14	.247	11870	14.9	5	--F						2
117 LOCK	13	2147	2159	2152	S15	E76	.969	11876	19.6	12	--F						2
118 LOCK	13	2248	2256	2250	S07	E16	.283	11870	15.2	8	--F						2
	13	2340	0000	NO FLARE PATROL													
GRP44120	14	0244	0339	0301	S04	E58	.847	11876	18.5	55	1N				2.09		5 4 4 6
MANI	14	0237	0345	0255	S05	E57	.838	11876	18.4	68	1B				1.44	2.49	
MANI	14	0237	0345	0241	S05	E57	.838	11876	18.4	68	-N	2		0241	.93	1.60	
CULG	14	0251	0342	0306	S04	E58	.847	11876	18.5	51	1N		C	0306	1.44	2.52	
CRON	14	0256E	0318		S04	E60	.865	11876	18.6	22D	-N	3	V		.75		
TACH	14	0302E	0343		S04	E56	.828	11876	18.3	41D	2F		C	0306	4.74	8.30	80 ET
ATHN	14	0344E	0349	0344	S06	E56	.828	11876	18.4	5D	-F	1	C		.33		D
GRP44125	14	0802	0811	0805	N12	E16	.370	11874	15.5	9	--N				.59		3 3 2 8
ISTA	14	0800	0809		N13	E16	.381	11874	15.5	9	-F						E
CAPS	14	0801E	0814		N11	E15	.347	11874	15.5	13D	-N		V	0804	.60	.70	(170)
CATA	14	0805	0810	0805	N13	E16	.381	11874	15.5	5	-N		C	0805	.58	.63	(178)
GRP44130	14	0921	0938	0925	N13	E16	.381	11874	15.6	17	-1N				.35		3 3 2 7
TELV	14	0915	0945	0920	N14	E18	.415	11874	15.7	30	2N						K
CAPS	14	0922	0930		N13	E15	.370	11874	15.5	8	-B		V	0925	.40	.50	(256) H
CATA	14	0925	0940	0925	N13	E15	.370	11874	15.5	15	-N		C	0925	.29	.31	(199)
GRP44131	14	0956	1020	1000	S04	E52	.787	11876	18.3	24	-N				.67		3 3 2 5
CAPS	14	0951	1023D		S03	E48	.742	11876	18.0	32D	-N		V	1002	.40	.60	(180) D
ISTA	14	0955	1015		S04	E55	.818	11876	18.5	20	-N						E
CAPS	14	0956	1021		S05	E50	.765	11876	18.2	25	-B		V	1000	.40	.60	(315) E
CATA	14	0957	1025	1000	S04	E51	.776	11876	18.2	28	-N		C	1000	.93	1.47	(204)
GRP44132	14	1139	1153	1140	N22	W71	.959	11857	9.2	14	-N				.30		2 2 2 5
CANR	14	1137	1155		N22	W71	.959	11857	9.2	18	-N	2	V	1139	.20	.50	
CATA	14	1140	1150	1140	N21	W70	.953	11857	9.2	10	-N		C	1140	.40		(155)
GRP44134	14	1248	1300	1250	N12	E14	.347	11874	15.6	12	--F				.52		2 2 2 6
RAMY	14	1246	1259	1249	N12	E14	.347	11874	15.6	13	-F	2	C		.46		D
CATA	14	1250	1300	1250	N12	E13	.336	11874	15.5	10	-N		C	1250	.58	.62	(155)
GRP44136	14	1310	1337	1313	N12	E13	.336	11874	15.5	27	-N				.62		5 5 4 6
TELV	14	1306	1313D	1313	N14	E16	.392	11874	15.7	7D	1B						
CATA	14	1310	1325	1315	N12	E13	.336	11874	15.5	15	-N		C	1315	.46	.49	(186)
CANR	14	1310	1340	1313	N12	E12	.326	11874	15.4	30	-N	2	C	1313	.65	.68	
BOUL	14	1311	1342	1312	N11	E12	.313	11874	15.4	31	-N	2	C	1312	.43	.45	
RAMY	14	1311	1342	1314	N11	E13	.324	11874	15.5	31	-N	2	C		.93		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				CMP DAY	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.		MAX. WIDTH Ha	MAX. INT. %
1972 MAY																		
GRP44138	14	1502	1519	1515	N21	W72	.963	11857	9.2	17	-N						3 3 2 5	
CANR	14	1501	1514	1504	N22	W74	.972	11857	9.1	13	-B	3	V	1504	.35	.80		
RAMY	14	1503	1518		N21	W70	.953	11857	9.4	15	-N	2	C				D	
CATA	14	1515E	1520D	1515	N21	W72	.963	11857	9.2	5D	-N		P	1515	.40		(170)	
CANR	14	1515	1520	1515	N22	W74	.972	11857	9.1	5	-B	2	V	1515	.30	.70		
GRP44143	14	1853	1913	1901	S14	E81	.987	11883	20.9	20	--F						2 2 0 5	
HUAN	14	1848	1921		S13	E80	.984	11883	20.8	33	-F	1	C					
BOUL	14	1858	1905	1901	S14	E81	.987	11883	20.9	7	-N	3	V					
GRP44144	14	1928	1938	1930	N22	W75	.975	11857	9.2	10	--F				.46		2 2 1 5	
LOCK	14	1927	1938	1930	N22	W76	.979	11857	9.1	11	-F		C					
PALE	14	1928	1935D	1930	N21	W74	.971	11857	9.3	7D	-N	2	C		.46		D	
GRP44145	14	1937	1954	1942	S14	E78	.977	11883	20.7	17	-N				.67		5 5 3 5	
RAMY	14	1935	2004	1941	S12	E78	.977	11883	20.7	29	-N	2	C		.93		D	
HUAN	14	1935	2003	1941	S13	E80	.984	11883	20.8	28	-B	1	C	1941	.46		K	
PALE	14	1938	1948	1942	S14	E78	.977	11883	20.7	10	-F	2	C		.63		F	
LOCK	14	1938	1950	1942	S15	E76	.969	11883	20.5	12	-N		C					
BOUL	14	1940	1946	1943	S14	E80	.984	11883	20.8	6	-N	3	V					
GRP44146	14	2014	2021	2016	S13	E78	.977	11883	20.7	7	-N				.37		3 3 2 5	
LOCK	14	2014	2021	2016	S15	E76	.969	11883	20.5	7	-F		C					
RAMY	14	2014	2020	2016	S11	E78	.977	11883	20.7	6	-N	2	C		.28		D	
HUAN	14	2015	2021	2016	S13	E79	.980	11883	20.8	6	-N	2	C	2016	.46		E	
GRP44147	14	2014	2036	2019	N12	E08	.289	11874	15.4	22	--F				.45		3 3 2 5	
LOCK	14	2012	2035	2020	N13	E08	.304	11874	15.4	23	-N		C					
RAMY	14	2014	2049	2018	N12	E09	.297	11874	15.5	35	-F	2	C		.74		D	
HUAN	14	2016	2025	2018	N12	E08	.289	11874	15.4	9	-F	2	C	2018	.15	.16	D	
GRP44152	14	2231	2242	2232	N12	E08	.289	11874	15.5	11	--N				.59		3 3 2 5	
LOCK	14	2230	2242	2232	N11	E07	.267	11874	15.5	12	-N		C					
RAMY	14	2231	2233D	2233	N12	E08	.289	11874	15.5	2D	-N	1	C		.65		D	
PALE	14	2232E	2233D	2232	N13	E08	.304	11874	15.5	1D	-N	2	C		.52		D	
154	LOCK	14	2236	2248	2239	S07	E44	.695	11876	18.2	12	--F		C				3
GRP44157	15	0221	0305	0231	S04	E42	.668	11876	18.2	44	1N				2.46		4 3 3 4	
CULG	15	0221E	0303D		S05	E44	.694	11876	18.4	42D	1N	P	0227	1.75	2.38			
VORO	15	0221	0305D	0231	S03	E40	.642	11876	18.1	44D	2F	C	0231	4.62	5.82	71	EJ	
CRON	15	0223E	0223D	0223U	S05	E41	.656	11876	18.2		-N	3	V	0223	1.00			
MANI	15	0236E	0239	0238	S04	E44	.694	11876	18.4	3D	1B	2		0238	3.09	4.30		
GRP44158	15	0350	0408	0352	S08	W02	.099	11870	15.0	18	--N				.69		2 2 2 5	
ATHN	15	0350	0408	0352	S08	W04	.116	11870	14.9	18	-N	1	C		.83		F	
PALE	15	0352E	0356D	0352	S08	E01	.094	11870	15.2	4D	-N	1	C		.55		F	
162	ATHN	15	0539E	0546	0541	N16	W84	.996	11857	8.9	7D	--F	3	C				D
163	ATHN	15	0541	0557	0543	S08	W05	.127	11870	14.9	16	--N	3	C		.66		
GRP44165	15	0545	0558	0549	S06	E41	.656	11876	18.3	13	--N				.32		2 2 2 4	
ATHN	15	0545	0555	0547	S07	E42	.670	11876	18.4	10	-N	3	C		.33		D	
MANI	15	0550E	0601	0551	S05	E40	.642	11876	18.2	11D	-N	1		0551	.31	.41		
GRP44166	15	0548	0603	0553	S16	E73	.956	11883	20.7	15	--F				.46		2 2 2 5	
ATHN	15	0548	0600	0550	S15	E74	.961	11883	20.8	12	-F	3	C		.50		D	
MANI	15	0554E	0605	0555	S17	E72	.951	11883	20.6	11D	-N	1		0555	.41	.91		
GRP44168	15	0604	0630	0611	S05	E41	.656	11876	18.3	26	-N				1.36		6 6 6 6	
ABST	15	0602E	0621D	0611	S06	E41	.656	11876	18.3	19D	1N	P	0611	2.17	2.90		GZ	
CRIM	15	0605E	0632D	0609	S04	E40	.642	11876	18.3	27D	1N	C	0609	1.62	2.20		EI	
CRON	15	0605	0624	0611	S05	E41	.656	11876	18.3	19	-F	2	C	0611	.43	.57		
ATHN	15	0605E	0625	0610	S07	E40	.644	11876	18.3	20D	-B	3	C		1.49		FH	
ATHN	15	0605E	0625	0610	S07	E44	.695	11876	18.6	20D	-B	3	C		1.49		FH	
MANI	15	0613E	0635	0613	S05	E40	.642	11876	18.3	22D	-B	2		0613	1.24	1.62		
CAPS	15	0615E	0634D		S05	E41	.656	11876	18.3	19D	-F	1	S	0615	1.20	1.70	(150)	
GRP44169	15	0649	0718	0703	S06	E41	.656	11876	18.4	29	-B				1.46		7 6 6 7	
CRON	15	0647	0712	0659	S06	E41	.656	11876	18.4	25	-N	2	C	0659	.75	.99		
CRIM	15	0650E	0717D		S05	E41	.656	11876	18.4	27D	-N	C	0700	1.26	1.70		DI	
ABST	15	0650	0726	0700	S05	E41	.656	11876	18.4	36	1N	C	0700	1.62	2.10		EJZ	
MANI	15	0650	0705	0700	S05	E40	.642	11876	18.3	15	-B	2		0700	1.13	1.49		
ATHN	15	0651E	0716	0700	S07	E40	.644	11876	18.3	25D	-B	3	C		1.49		FH	
ATHN	15	0651E	0716	0652	S07	E40	.644	11876	18.3	25D	-N	3	C		.99			
CAPS	15	0702E	0730		S05	E41	.656	11876	18.4	28D	1B	1	P	0703	2.50	3.00	(265)	
CATA	15	0715E	0720D	0715	S05	E41	.656	11876	18.4	5D	-N		P	0715	.58	.77	(190)	

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SOLAR FLARES

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OBSERV- ATORY	OBSERVED UT				LOCATION				DURA- TION 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 Ha	
1972 MAY																
9 STATIONS REPORTING GROUP 44170. 0 STATIONS OBSERVING AND NOT REPORTING.																
GRP44170	15	0736	0805	0742	S06	W04	.090 11870	15.0	29	-N		.96			7 7 6 9	
ISTA	15	0730	0800		S06	W04	.090 11870	15.0	30	-N						
ABST	15	0737	0807	0741	S07	W05	.115 11870	14.9	30	-N	P	0741	1.35	1.40	EZ	
CANR	15	0737E	0820	0742	S08	W04	.116 11870	15.0	43D	-N	2 C	0742	.75	.75		
CRON	15	0738	0757	0742	S06	W05	.104 11870	14.9	19	-N	2 C	0742	.65	.65		
CRIM	15	0739E	0808D	0743	S06	W04	.090 11870	15.0	29D	-F	C	0743	1.17	1.10	E	
ATHN	15	0740E	0808D	0743	S05	W05	.096 11870	14.9	28D	-B	3 C		.83		F	
CAPS	15	0748E	0757D		S07	W01	.077 11870	15.3	9D	-N	1 S	0748	1.00	1.00	(166) CF	
44170	15	0740	0816	0755	S07	W02	.083 11870	15.2	36	*-N		.98			3 3 3 9	
ATHN	15	0740E	0808D	0759	S05	W05	.096 11870	14.9	28D	-N	3 C		1.32			
ATHN	15	0740E	0808D	0759	S05	W05	.096 11870	14.9	28D	-N	3 C		1.32			
CATA	15	0745E	0810D	0755	S08	W03	.106 11870	15.1	25D	-N	P	0755	.98	.99	(202)	
TEHR	15	0745E	0816D	0751	S08	E02	.099 11870	15.5	31D	-N	2 C		.65		F	
TEHR	15	0758	0816D	0759	S07	E04	.102 11870	15.6	18D	-N	0 C		.28		DU	
GRP44173	15	0835	0911	0853	S19	E69	.935 11883	20.5	36	--N		.39			2 1 1 7	
ARCE	15	0835E	0911D		S19	E69	.935 11883	20.5	36D	-N	C	0842	.39			
ATHN	15	0852E	0902	0853	S17	E69	.934 11883	20.5	10D	-N	3 C		.33		D	
176 ATHN	15	1022E	1027	1023	S08	W02	.099 11870	15.3	5D	--F	3 C		.33		D 4	
GRP44177	15	1027	1036	1028	S15	E68	.928 11883	20.5	9	-N		.68			3 3 2 4	
ATHN	15	1026	1036	1028	S17	E68	.928 11883	20.5	10	-N	3 C		.66		D	
ISTA	15	1026	1031		S14	E65	.907 11883	20.3	5	-F					D	
CAPS	15	1028	1042		S14	E70	.939 11883	20.7	14	-N	2 V	1029	.70		(188)	
179 ATHN	15	1037E	1052	1039	N07	W90	1.000 11862	8.7	15D	-N	3 C				D 4	
GRP44180	15	1110	1123	1115	S19	E26	.503 11877	17.4	13	-N		.95			3 3 2 4	
ISTA	15	1110	1125		S18	E24	.471 11877	17.3	15	-N						
TEHR	15	1110E	1120	1117	S18	E25	.483 11877	17.3	10D	-N	3 C		.74		FU	
ATHN	15	1111E	1123	1113	S22	E28	.550 11877	17.6	12D	-N	3 C		1.16		F	
181 ATHN	15	1143E	1152D	1145	S14	W90	1.000 11856	8.7	9D	--F	1 C				D 4	
GRP44182	15	1151	1208	1200	S05	E36	.588 11876	18.2	17	-N		.91			3 3 2 3	
CATA	15	1150E	1210	1158	S06	E35	.574 11876	18.1	20D	-B	P	1158	1.16	1.41	(209)	
ISTA	15	1152	1207		S05	E37	.602 11876	18.3	15	-N						
TEHR	15	1159E	1208	1201	S05	E35	.573 11876	18.1	9D	-N	3 C		.65		FU	
GRP44183	15	1205	1212	1205	S09	W04	.130 11870	15.2	7	--F		.63			2 2 1 2	
CATA	15	1205	1210	1205	S08	W04	.116 11870	15.2	5	-N	C	1205	.63	.64	(188)	
ISTA	15	1206	1213		S09	W03	.122 11870	15.3	7	-F					E	
GRP44185	15	1340	1352	1343	N10	E68	.933 11882	20.7	12	--F		.34			2 2 2 5	
RAMY	15	1339E	1347D	1340	N10	E68	.933 11882	20.7	8D	-N	2 C		.41		D	
HUAN	15	1341	1352	1346U	N10	E67	.927 11882	20.6	11	-F	1 C	1346	.26			
GRP44186	15	1430	1441	1431	S05	E35	.573 11876	18.2	11	-N		.72			4 4 3 6	
RAMY	15	1427	1445	1429	S04	E36	.587 11876	18.3	18	-N	2 C		.65		D	
LOCK	15	1429	1440	1431	S05	E35	.573 11876	18.2	11	-N	C					
RAMY	15	1429E	1442	1432	S04	E38	.615 11876	18.5	13D	-N	2 C		.77		D	
CATA	15	1430	1440D	1430	S05	E35	.573 11876	18.2	10D	-N	P	1430	.93	1.13	(170)	
HUAN	15	1430E	1440	1432U	S04	E34	.559 11876	18.2	10D	-N	1 C	1432	.46	.56	EC	
GRP44188	15	1509	1528	1513	S07	W08	.157 11870	15.0	19	--N		.43			4 4 3 6	
MCHA	15	1508E	1538D	1511	S07	W08	.157 11870	15.0	30D	-N	C	1511	.41	.40	E	
CANR	15	1508	1523D	1515	S07	W08	.157 11870	15.0	15D	-N	2 C	1515	.32	.32		
LOCK	15	1509	1530	1512	S06	W09	.166 11870	15.0	21	-F	C					
RAMY	15	1509	1522	1512	S06	W08	.150 11870	15.0	13	-N	2 C		.56		D	
GRP44189	15	1521	1541	1525	S05	E35	.573 11876	18.3	20	-N		.73			3 3 2 6	
LOCK	15	1520	1536	1524	S05	E35	.573 11876	18.3	16	-F						
RAMY	15	1521	1548	1526	S05	E37	.602 11876	18.4	27	-N	2 C		.84		F	
MCHA	15	1531E	1538D		S05	E34	.559 11876	18.2	7D	-N	C	1531	.62	.80	E	
GRP44192	15	1744	1800	1746	S08	W06	.139 11870	15.3	16	--N		.41			5 5 4 5	
LOCK	15	1743	1800	1745	S07	W08	.157 11870	15.1	17	-N						
RAMY	15	1743	1802	1745	S08	W05	.127 11870	15.4	19	-F	2 C		.37		D	
BOUL	15	1745	1759	1746	S07	W05	.115 11870	15.4	14	-N	3 V	1746	.40	.40		
CANR	15	1745	1757	1748	S10	W07	.175 11870	15.2	12	-F	2 C	1748	.32	.32		
PALE	15	1746E	1800	1747	S09	W07	.163 11870	15.2	14D	-N	2 C		.55		F	

SOLAR FLARES

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OBSERVATORY	OBSERVED UT				LOCATION				DURATION	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH FLAGE REGION				CMP DAY	MIN.	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	
GRP44193	15	1755	1814	1758	S05	E33	.545	11876	18.2	19	--N						5 5 4 6
	LOCK	15	1753	1818	1758	S05	E34	.559	11876	18.3	25	-N	C				
	PALE	15	1754	1814	1800	S05	E34	.559	11876	18.3	20	-N	2 C	.63			F
	BOUL	15	1755	1817	1755	S04	E33	.544	11876	18.2	22	-N	3 V	1755 .50	.50		
	CANR	15	1755	1810	1800	S06	E34	.560	11876	18.3	15	-F	2 C	1800 .54	.65		
RAMY	15	1756	1813	1758	S04	E32	.529	11876	18.1	17	-N	2 C				.74	F
GRP44194	15	1807	1816	1809	N11	E63	.900	11882	20.5	9	--F						3 3 2 7
	PALE	15	1807	1813	1808	N14	E64	.910	11882	20.6	6	-F	2 C	.23			
	LOCK	15	1807	1822	1811	N09	E63	.898	11882	20.5	15	-F	C	.19			
	HUAN	15	1808	1813	1809	N10	E63	.899	11882	20.5	5	-F	1 C	1809 .26			D
GRP44195	15	1855	1927	1906	S04	E34	.559	11876	18.3	32	--N						3 3 2 4
	PALE	15	1851	1930	1904	S05	E34	.559	11876	18.3	39	-N	3 C	.52			
	LOCK	15	1855	1940	1914	S04	E33	.544	11876	18.3	45	-N	C	.63			
	HUAN	15	1858	1912	1901	S04	E34	.559	11876	18.3	14	-F	1 C	1901 .41	.50		E
GRP44196	15	1920	1944	1927	S07	W13	.236	11870	14.8	24	-N						4 4 3 4
	BOUL	15	1915	1948	1922	S07	W12	.220	11870	14.9	33	-N	3 V	1922 1.00	1.00		
	PALE	15	1920	1946	1928	S07	W12	.220	11870	14.9	26	-N	3 C	1.27			
	LOCK	15	1920	1945	1930	S06	W13	.231	11870	14.8	25	-N	C				
	HUAN	15	1923	1937		S07	W13	.236	11870	14.8	14	-F	1 C	1930 .72	.75		
GRP44197	15	1945	2019	1953	S05	E33	.545	11876	18.3	34	-B						4 4 3 4
	BOUL	15	1915	2035	1950	S04	E32	.529	11876	18.2	80	-B	3 V	1950 1.50	1.60		
	PALE	15	1944	2013	1956	S05	E34	.559	11876	18.4	29	-B	3 C	1.44			
	LOCK	15	1945	2010	1953	S04	E32	.529	11876	18.2	25	1N	C				
	HUAN	15	1955	1955D		S05	E33	.545	11876	18.3	1N	1 P	1955 1.65	1.98			
GRP44198	15	1956	2010	2000	S10	W08	.187	11870	15.2	14	--F						2 2 1 5
	PALE	15	1956	2010	2000	S08	W07	.152	11870	15.3	14	-N	3 C	.55			
	LOCK	15	1956	2010	2000	S11	W08	.199	11870	15.2	14	-F	C	.55			F
GRP44199	15	2105	2118	2109	S04	E32	.529	11876	18.3	13	-B						2 2 1 3
	LOCK	15	2105	2117	2108	S04	E32	.529	11876	18.3	12	-N	C	.99			
	PALE	15	2108E	2118	2109	S04	E32	.529	11876	18.3	100	-B	3 C	.99			F
200 LOCK	15	2105	2118	2109	S21	W23	.484	11887	14.2	13	--F	C					3
GRP44202	15	2202	2216	2207	S05	E32	.530	11876	18.3	14	--F						2 2 1 3
	PALE	15	2201	2214	2207	S05	E32	.530	11876	18.3	13	-N	3 C	.55			
	LOCK	15	2203	2218	2207	S04	E32	.529	11876	18.3	15	-F	C	.55			F
GRP44203	15	2245	2330	2310	S06	W14	.248	11870	14.9	45	-B						2 2 1 4
	LOCK	15	2245	2330	2308	S05	W16	.278	11870	14.7	45	-N	C	1.03			
	PALE	15	2251E	2300	2252	S06	W12	.215	11870	15.1	90	-F	3 C	.62			
	PALE	15	2310E	2329	2311	S06	W12	.215	11870	15.1	190	-B	3 C	1.03			F
GRP44205	15	2322	2328	2325	S04	E31	.515	11876	18.3	6	--F						2 2 1 4
	LOCK	15	2322	2328	2324	S04	E31	.515	11876	18.3	6	-F	C	.26			
	PALE	15	2322E	2328	2325	S04	E31	.515	11876	18.3	60	-N	2 C	.26			F
GRP44207	15	2348	0014	2356	S05	E31	.515	11876	18.3	26	--F						2 2 1 4
	LOCK	15	2348	0000	2352	S04	E29	.484	11876	18.2	12	-F	C	.26			
	PALE	16	0000E	0027	0000	S05	E32	.530	11876	18.4	270	-F	2 C	.26			F
GRP44208	16	0006	0027	0011	S05	E31	.515	11876	18.3	21	--N						3 3 2 4
	LOCK	16	0001	0022	0009	S04	E30	.500	11876	18.3	21	-N	C	.49			
	MANI	16	0007	0025	0009	S05	E32	.530	11876	18.4	18	-N	2 C	0009 .52	.61		
	PALE	16	0011	0034	0015	S05	E31	.515	11876	18.3	23	-F	2 C	.45			D
GRP44209	16	0111	0129	0116	S04	E30	.500	11876	18.3	18	--F						2 2 1 6
	LOCK	16	0110	0125	0115	S04	E30	.500	11876	18.3	15	-F	C	.52			
	PALE	16	0111	0134	0115	S05	E31	.515	11876	18.4	23	-F	2 C	.45			
	PALE	16	0112	0132	0116	S04	E30	.500	11876	18.3	20	-N	2 C	.52			DM
GRP44211	16	0217	0240	0223	S05	E29	.485	11876	18.3	23	-N						1 1 1 3
	PALE	16	0217	0240D	0225	S05	E30	.500	11876	18.3	23D	-F	2 C	.83			
	PALE	16	0220	0237D	0223	S05	E28	.470	11876	18.2	17D	-N	3 C	.83			DM
GRP44212	16	0250	0318	0308	S05	E29	.485	11876	18.3	28	--F						2 2 2 3
	MANI	16	0242E	0259	0242	S05	E28	.470	11876	18.2	17D	-N	2 C	0242 .69	1.29		
	PALE	16	0257	0318	0305	S05	E29	.485	11876	18.3	21	-F	2 C	.55			
	MANI	16	0310E	0318	0311	S05	E28	.470	11876	18.2	8D	-N	2 C	0311 .83	.94		D

SOLAR FLARES
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OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS		
	DATE 1972 MAY	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. %
GRP44213	16	0307	0351	0317	S06	W15	.265	11870	15.0	44	1B							3 3 3 3
PALE	16	0307	0346	0319	S05	W15	.262	11870	15.0	39	1B	2	C					DM
CRON	16	0307	0338	0314	S06	W15	.265	11870	15.0	31	-B	3	V	0314	1.60			
CRON	16	0307	0329	0314	S06	W16	.281	11870	14.9	22	-N	2	C	0314	1.08	1.08		
MANI	16	0310E	0408	0317	S06	W16	.281	11870	14.9	58D	1B	2		0317	2.58	2.68		
44213	16	0350	0416	0359	S06	W15	.265	11870	15.0	26	*-N				.87			4 4 4 5
MANI	16	0310E	0408	0402	S06	W16	.281	11870	14.9	58D	-N				1.24	1.28		
ATHN	16	0337E	0416	0401	S08	W12	.227	11870	15.3	39D	-B	1	C		1.16			F
ATHN	16	0337E	0416	0337	S08	W12	.227	11870	15.3	39D	-N	1	C		.99			
CRON	16	0348	0410	0355	S05	W17	.295	11870	14.9	22	-N	2	C	0355	.54	.54		
PALE	16	0351	0409	0356	S05	W15	.262	11870	15.0	18	-N	2	C		.55			D
GRP44214	16	0413	0420	0415	S15	E57	.843	11883	20.5	7	--N				.53			2 2 2 5
ATHN	16	0413	0420	0415	S15	E53	.806	11883	20.2	7	-N	2	C		.33			D
MANI	16	0413	0420	0415	S14	E61	.877	11883	20.8	7	-N	2		0415	.72	1.36		
5 STATIONS REPORTING GROUP 44215. 1 STATIONS OBSERVING AND NOT REPORTING.																		
GRP44215	16	0430	0509	0435	S05	E29	.485	11876	18.4	39	-B				1.64			4 4 4 5
ATHN	16	0429E	0507	0435	S08	E31	.520	11876	18.5	38D	-B	3	C		1.98			FU
ATHN	16	0429E	0507	0431	S08	E31	.520	11876	18.5	38D	-N	3	C		.50			
MANI	16	0430	0510	0435	S05	E28	.470	11876	18.3	40	1B	2		0435	2.37	2.69		
CRON	16	0430	0510	0434	S04	E29	.485	11876	18.4	40	-N	2	C	0434	.86	.98		
PALE	16	0430	0449D	0438	S04	E28	.469	11876	18.3	19D	-N	2	C		.99			D
PALE	16	0433E	0449D	0436	S05	E27	.455	11876	18.2	16D	-B	1	C		1.34			D
44215	16	0430	0517	0448	S06	E28	.471	11876	18.3	47	*1B				2.32			2 2 2 6
MANI	16	0430	0510	0448	S05	E28	.470	11876	18.3	40	1B				2.58	2.93		
CULG	16	0444E	0523		S07	E27	.458	11876	18.2	39D	1B		P	0449	2.06	2.20		
GRP44225	16	0931	0959	0939	S04	E27	.454	11876	18.4	28	-N				1.39			(257) 10 9 8 10
CATA	16	0925	1000	0935	S04	E25	.423	11876	18.3	35	1B		C	0935	2.02	2.24		
ATHN	16	0926E	0956	0936	S05	E30	.500	11876	18.6	30D	-B	3	C		1.49			FH
ARCE	16	0928E	0959D		S03	E26	.438	11876	18.3	31D	-N		C	0937	1.64	1.80		
CANR	16	0935	1000	0940	S05	E27	.455	11876	18.4	25	-N	3	V	0941	1.00	1.00		
ISTA	16	0935	0955		S03	E28	.469	11876	18.5	20	-N							
CRON	16	0936	0940D	0940	S04	E26	.438	11876	18.4	4D	-N	1	V	0940	.80			
MONT	16	0938E	1000	0939	S03	E28	.469	11876	18.5	22D	-N		C	0939	2.27			
HTPR	16	0941E	0942D		S04	E27	.454	11876	18.4	1D	-N		C	0942	1.03	1.00		
HTPR	16	0941E	0942D		S04	E23	.391	11876	18.1	1D	-F		C	0942	.62	.60		
TEHR	16	0942E	1000	0944	S04	E26	.438	11876	18.4	18D	-N	3	C		.83			F
CAPS	16	0956E	1015D		S05	E27	.455	11876	18.4	19D	-F	1	S	1000	1.30	1.40		(148) B
GRP44229	16	1327	1346	1332	S06	W21	.362	11870	15.0	19	--F				.48			(186) 5 5 5 9
CATA	16	1325	1340	1330	S06	W22	.378	11870	14.9	15	-N		C	1330	.87	.94		
HUAN	16	1328	1341	1332U	S06	W22	.378	11870	14.9	13	-F	1	C	1332	.36	.39		ET
BOUL	16	1329	1346	1331	S04	W21	.359	11870	15.0	17	-F	3	V	1331	.40	.40		
TEHR	16	1334E	1342	1334	S05	W20	.344	11870	15.1	8D	-N	4	C		.36			F
CAPS	16	1336E	1359D		S07	W21	.365	11870	15.0	23D	-F	3	V	1336	.40	.40		(153) C
GRP44231	16	1349	1359	1351	S06	W22	.378	11870	14.9	10	--N				.30			2 2 2 7
TEHR	16	1349	1402	1351	S05	W20	.344	11870	15.1	13	-N	4	C		.19			F
HUAN	16	1349	1355	1351	S06	W23	.394	11870	14.9	6	-N	2	C	1351	.41	.45		
GRP44233	16	1404	1422	1408	S08	W18	.321	11870	15.2	18	--N				.67			6 6 6 10
TEHR	16	1401	1418	1407	S08	W17	.305	11870	15.3	17	-N	4	C		.36			F
BOUL	16	1404	1420	1408	S07	W18	.317	11870	15.2	16	-F	3	V	1408	.50	.50		
HUAN	16	1404	1419	1407	S08	W18	.321	11870	15.2	15	-N	2	C	1407	.72	.76		E
CANR	16	1404	1423		S07	W17	.301	11870	15.3	19	-N	2	V	1407	.70	.70		
CATA	16	1405	1420	1410	S09	W17	.310	11870	15.3	15	-N		C	1410	1.16	1.22		(186)
CAPS	16	1408	1430D		S09	W18	.326	11870	15.2	22D	-B	3	V	1409	.60	.60		(216) F
GRP44235	16	1429	1508	1436	S06	W21	.362	11870	15.0	39	--N				.66			5 5 5 9
CAPS	16	1420	1517	1432	S07	W21	.365	11870	15.0	57	-N	3	V	1432	1.00	1.10		(188) K
HUAN	16	1430	1457	1433	S06	W23	.394	11870	14.9	27	-N	2	C	1433	.41	.45		
MCHA	16	1430	1505D	1432	S06	W20	.346	11870	15.1	35D	-N		C	1432	.62	.70		E
CATA	16	1430	1525	1445	S06	W22	.378	11870	15.0	55	-N		C	1445	1.09	1.20		(186) T
TEHR	16	1437	1458	1439	S05	W21	.360	11870	15.0	21	-N	4	C		.19			F
GRP44236	16	1508	1528	1515	S06	W22	.378	11870	15.0	20	--F				.44			3 3 3 7
CANR	16	1504	1520		S07	W23	.396	11870	14.9	16	-N	2	V	1506	.50	.50		
HUAN	16	1505	1530		S06	W23	.394	11870	14.9	25	-F	1	C	1508	.41	.45		K
BOUL	16	1515	1533	1515	S05	W21	.360	11870	15.1	18	-F	3	V	1515	.40	.40		
GRP44238	16	1610	1618	1613	S06	W23	.394	11870	14.9	8	--F				.29			4 4 3 6
LOCK	16	1609	1617	1611	S06	W25	.425	11870	14.8	8	-F		C					
BOUL	16	1610	1617	1614	S05	W22	.376	11870	15.0	7	-F	3	V	1614	.40	.40		
HUAN	16	1610	1617	1614U	S06	W23	.394	11870	14.9	7	-F	1	C	1614	.31	.34		
ATHN	16	1613E	1621	1613	S05	W22	.376	11870	15.0	8D	-N	2	C		.17			D

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OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS	
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MC MATH PLAGE REGION				CMP DAY	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hd		MAX. INT. %
					LAT.	MER. DIST.												
GRP44240 PALE HUAN	16	1630	1637	1630	S04	E20	.342	11876	18.2	7	--F						2 2 2 6	
	16	1628E	1636	1630	S04	E17	.293	11876	18.0	8D	-N	2	C				D	
	16	1631	1638		S04	E22	.375	11876	18.3	7	-F	1	C	1633	.21	.22		
GRP44241 HUAN LOCK PALE	16	1705	1717	1712	S06	W24	.409	11870	14.9	12	--F						3 3 2 4	
	16	1659	1716		S06	W24	.409	11870	14.9	17	-F	1	P	1714	.26	.28	D	
	16	1707	1717	1711	S05	W25	.424	11870	14.8	10	-F		C					
	16	1709	1718	1712	S06	W24	.409	11870	14.9	9	-N	2	C		.19			
GRP44242 LOCK PALE	16	1709	1721	1711	S16	E50	.777	11883	20.5	12	--F						2 2 1 4	
	16	1708	1714	1710	S17	E52	.799	11883	20.6	6	-F		C		.55		D	
	16	1710	1727	1712	S15	E48	.754	11883	20.3	17	-N	2	C		.55			
GRP44243 HUAN LOCK PALE BOUL LOCK	16	1746	1806	1752	S03	E21	.358	11876	18.3	20	--F						4 4 3 4	
	16	1745	1814	1752	S03	E22	.374	11876	18.4	29	-N	1	C	1752	.38	.33	D	
	16	1745	1800	1750	S04	E22	.375	11876	18.4	15	-F		C					
	16	1746	1755D	1750	S03	E22	.374	11876	18.4	9D	-F	2	C		.27			
	16	1749	1803	1754	S03	E20	.342	11876	18.2	14	-F	3	V	1754	.50	.50		
	16	1810	1816	1812	S04	E19	.326	11876	18.2	6	-F		C					
GRP44244 PALE LOCK HUAN PALE	16	1906	1922	1910	S16	E48	.756	11883	20.4	16	--F						3 3 2 3	
	16	1900	1923	1904	S16	E52	.797	11883	20.7	23	-F	2	C		.24			
	16	1909	1922	1912	S16	E47	.745	11883	20.3	13	-F		C		.27			
	16	1910	1921	1913U	S15	E48	.754	11883	20.4	11	-F	1	C	1913	.21	.31		
	16	1911	1927	1913	S16	E48	.756	11883	20.4	16	-F	2	C		.19			
GRP44245 PALE HUAN	16	1920	1925	1922	S06	W26	.441	11870	14.9	5	--F						2 2 2 4	
	16	1920	1924	1922	S06	W26	.441	11870	14.9	4	-F	2	C		.29			
	16	1920	1925	1922	S06	W26	.441	11870	14.9	5	-F	2	C	1922	.27	.34	E	
246 LOCK	16	1955	2000	1957	S10	W20	.362	11870	15.3	5	--F						3	
GRP44247 LOCK HUAN	16	2019	2029	2022	N16	E51	.806	11882	20.7	10	--F						2 2 1 4	
	16	2018	2030	2022	N15	E51	.803	11882	20.7	12	-F		C		.52			
	16	2020	2027	2022	N16	E50	.796	11882	20.6	7	-N	2	C	2022	.52	.86	E	
GRP44248 LOCK PALE BOUL HUAN	16	2103	2112	2105	S07	W24	.412	11870	15.1	9	--F						4 4 3 4	
	16	2102	2110	2105	S07	W24	.412	11870	15.1	8	-F		C		.37			
	16	2103E	2109	2104	S09	W24	.418	11870	15.1	6D	-F	2	C		.36		F	
	16	2103	2120	2105	S07	W21	.365	11870	15.3	17	-F	3	V	2105	.35	.40		
	16	2103	2108	2105	S06	W26	.441	11870	14.9	5	-F	2	C	2105	.41	.46	E	
GRP44252 LOCK MANI PALE	17	0046	0054	0048	N14	E46	.749	11882	20.5	8	--F						3 3 2 5	
	17	0044	0054	0047	N13	E47	.756	11882	20.6	10	-F		C		.47			
	17	0045E	0049	0046	N15	E47	.762	11882	20.6	4D	-N	2	C	0046	.41	.64		
	17	0049	0059	0051	N13	E44	.723	11882	20.3	10	-F	3	C		.52		F	
253 LOCK	17	0047	0100	0050	S17	E41	.680	11883	20.1	13	--F						3	
GRP44254 LOCK PALE	17	0114	0126	0119	S06	W29	.487	11870	14.9	12	--F						2 2 1 3	
	17	0113	0125	0117	S06	W29	.487	11870	14.9	12	-F		C		.36			
	17	0115	0126	0120	S05	W29	.486	11870	14.9	11	-F	3	C		.36		F	
GRP44255 MITK MANI	17	0157	0206	0201	S07	W30	.503	11870	14.8	9	--F						2 2 2 6	
	17	0157	0205	0200	S07	W30	.503	11870	14.8	8	-F		C	0200	.78	1.03	D	
	17	0158E	0206	0201	S06	W29	.487	11870	14.9	8D	-F	2	C	0201	.52	.59		
GRP44259 CRON PALE PALE MITK TEHR	17	0324	0341	0331	S06	W31	.517	11870	14.8	17	--N						4 4 4 8	
	17	0323	0341	0329	S06	W31	.517	11870	14.8	18	-N	2	C	0329	.64	.38		
	17	0324	0342	0335	S05	W31	.516	11870	14.8	18	-N	2	C		.32			
	17	0324	0342	0327	S05	W31	.516	11870	14.8	18	-N	2	C		.63			
	17	0326	0343	0333	S07	W31	.518	11870	14.8	17	-F		C	0333	.55		F	
	17	0327E	0336	0328	S07	W30	.503	11870	14.9	9D	-N	4	C		1.34	1.60	D UD	
GRP44260 MANI MANI KODA PALE	17	0422	0451	0430	N15	E46	.752	11882	20.6	29	-N						3 3 3 7	
	17	0419E	0451	0434	N16	E44	.734	11882	20.5	32D	-N				.85	1.10		
	17	0419E	0451	0421	N16	E44	.734	11882	20.5	32D	-F	2		0421	.72	.94		
	17	0420	0426D	0426	N15	E46	.752	11882	20.6	6D	-N		V	0420	.62	1.50	D	
	17	0426	0436D	0429	N15	E48	.773	11882	20.8	10D	-F	1	C		1.47	1.50	F	
GRP44262 CULG TEHR HTPR CRON MITK	17	0509	0530	0515	S06	W31	.517	11870	14.9	21	-N						5 5 5 6	
	17	0503	0535	0514	S05	W30	.501	11870	15.0	32	1B		C	0514	1.39	2.76	L V	
	17	0510	0525	0514	S06	W31	.517	11870	14.9	15	-N	4	C		.46		UF	
	17	0511E	0530	0522	S05	W35	.574	11870	14.6	19D	-F		C	0522	.31	.30		
	17	0511	0530	0513	S06	W29	.487	11870	15.0	19	-B	3	V		.52			
	17	0512	0528	0514	S07	W32	.533	11870	14.8	16	1N		C	0514	.70			
															0514	2.99	3.50	

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION	IM-POR.	OBS. COND. TYPE	MEASUREMENTS					REMARKS	
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH FLARE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %		
GRP44263 MITK HTPR	17	0538	0544	0541	S06	W34	.560	11870	14.7	6	--F							2 2 2 5	
	17	0537	0545	0540	S07	W32	.533	11870	14.8	8	-F	C	0540	1.34	1.60			D	
	17	0538	0543	0541	S05	W35	.574	11870	14.6	5	-F	C	0541	.21	.20			E	
GRP44265 BUCA HTPR CAPS TEHR CATA MANI CRIM CRON	17	0659	0707	0701	S05	W32	.530	11870	14.9	8	--N							8 8 8 9	
	17	0655	0709D		S04	W32	.530	11870	14.9	14D	-F	C	0702	.66	.80			D	
	17	0657	0706	0701	S04	W37	.601	11870	14.5	9	-N	C	0701	.83	.90			E	
	17	0658	0708		S05	W30	.501	11870	15.0	10	-B	P	0658	.50	.60		(305)	F	
	17	0659	0708	0702	S06	W31	.517	11870	15.0	9	-N	3 C		.36			(224)	F	
	17	0700	0710	0700	S06	W32	.531	11870	14.9	10	-B	C	0700	.58	.68				
	17	0700	0702	0702	S06	W33	.546	11870	14.8	2	-N	2 C	0702	.41	.49				
	17	0700	0707D	0702	S05	W32	.530	11870	14.9	7D	-F	C	0702	.54	.64			D	
17	0700	0707D		S07	W32	.533	11870	14.9	7D	-N	3 V		.60						
GRP44266 HTPR TEHR CAPS	17	0705	0713	0707	N13	E42	.700	11882	20.4	8	--N							3 3 3 8	
	17	0704	0709	0706	N16	E40	.690	11882	20.3	5	-N	C	0707	.72	.80			E	
	17	0704	0711	0707	N10	E43	.702	11882	20.5	7	-N	3 C		.19				D	
	17	0706	0718		N13	E43	.712	11882	20.5	12	-N	V	0706	.30	.40		(176)		
6 STATIONS REPORTING GROUP 44272.					4 STATIONS OBSERVING AND NOT REPORTING.														
GRP44272 TELV BUCA BUCA RAMY HUAN CATA ATHN	17	1136	1156	1140	N17	E38	.672	11882	20.3	20	-1N							6 6 5 10	
	17	1120	1202	1139	N18	E43	.732	11882	20.7	42	3B								
	17	1125E	1201D		N15	E40	.685	11882	20.5	36D	-N	C	1131	.48	.70				
	17	1135E	1229D		N20	E35	.656	11882	20.1	54D	-F	C	1142	.48	.70				
	17	1136	1158	1140	N16	E38	.667	11882	20.3	22	-F	3 C		.31				D	
	17	1138	1146	1141	N17	E35	.638	11882	20.1	8	-F	2 C	1141	.26	.34			D	
	17	1140	1150	1140	N17	E35	.638	11882	20.1	10	-N	C	1140	.40	.52		(155)		
17	1140	1156	1142	N17	E38	.672	11882	20.3	16	-N	3 C		.33				D		
272	ATHN	17	1136E	1146	1137	N14	E44	.727	11882	20.8	10D	*-N	3 C		.50			F	9
GRP44275 PALE HUAN	17	1647	1652	1648	S05	E06	.113	11876	18.1	5	--F							2 2 2 5	
	17	1647	1652	1648	S05	E06	.113	11876	18.1	5	-F	2 C		.19				F	
	17	1647	1651	1648	S05	E05	.098	11876	18.1	4	-F	1 C	1648	.21	.21			D	
GRP44276 RAMY CANR MCNA PALE	17	1706	1716	1709	S06	E07	.136	11876	18.2	10	--F							4 4 4 7	
	17	1705	1716	1709	S07	E06	.131	11876	18.2	11	-F	3 C		.46				F	
	17	1705	1718		S06	E08	.152	11876	18.3	13	-F	1 V	1709	.60	.60				
	17	1707E	1712D		S07	E06	.131	11876	18.2	5D	-F	C	1709	.41	.40			E	
	17	1707	1713	1708	S05	E06	.113	11876	18.2	6	-F	2 C		.36				F	
GRP44278 LOCK MCNA PALE HUAN	17	1843	1851	1847	S03	E06	.105	11876	18.2	8	--N							4 4 3 4	
	17	1840	1852	1847	S03	E05	.088	11876	18.2	12	-N	C		.41					
	17	1843	1851	1847	S03	E05	.088	11876	18.2	8	-N	C	1847	.41	.40			E	
	17	1844	1852	1847	S03	E06	.105	11876	18.2	8	-N	2 C		.36					
	17	1845	1849	1847	S04	E06	.108	11876	18.2	4	-F	2 C	1847	.46	.46			E	
GRP44280 LOCK HUAN LOCK MCNA	17	1921	1933	1924	S03	E04	.070	11876	18.1	12	--N							3 3 2 4	
	17	1917	1925	1921	S03	E03	.053	11876	18.0	8	-F	C		.34					
	17	1925	1932	1927	S04	E04	.075	11876	18.1	7	-N	2 C	1927	.36	.36			D	
	17	1926	1933	1929	S03	E03	.053	11876	18.0	7	-F	C		.31				E	
	17	1928E	1929D		S03	E05	.088	11876	18.2	10	-N	P	1929	.31	.30			E	
GRP44283 LOCK MCNA	17	1949	2006	1953	S04	E05	.091	11876	18.2	17	--F							2 2 1 4	
	17	1949	2006	1953	S04	E05	.091	11876	18.2	17	-F	C		.52					
	17	1949	2006		S03	E05	.088	11876	18.2	17	-F	C	1959	.52	.50			E	
GRP44285 MCNA LOCK	17	2021	2035	2026	S06	W38	.616	11870	15.0	14	--F							2 2 1 4	
	17	2020	2035D	2024	S06	W38	.616	11870	15.0	15D	-F	C	2024	.31	.40			E	
	17	2022	2035	2027	S05	W38	.616	11870	15.0	13	-F	C							
GRP44288 LOCK HUAN BOUL PALE	17	2108	2114	2110	S04	E03	.059	11876	18.1	6	--F							4 4 3 5	
	17	2107	2113	2110	S05	E03	.068	11876	18.1	6	-N	C		.46					
	17	2107	2110D		S05	E03	.068	11876	18.1	3D	-F	1 P	2109	.31	.31			D	
	17	2108	2115	2110	S03	E03	.053	11876	18.1	7	-N	2 V	2110	.70	.70				
	17	2108	2110D	2110	S04	E03	.059	11876	18.1	2D	-F	3 C		.36					
GRP44291 PALE CULG MANI LOCK	17	2235	2323	2241	N15	E32	.590	11882	20.3	48	2B							4 3 3 4	
	17	2234	2333D	2239	N15	E33	.602	11882	20.4	59D	1B	3 C		3.61				F	
	17	2235	0040	2241	N16	E31	.585	11882	20.3	125	2B	P	2241	8.66	10.50			TUV	
	17	2242E	2313	2243	N14	E31	.572	11882	20.3	31D	2B	2 C	2243	5.16	6.30				
	17	2300	2345	2300	N14	E35	.621	11882	20.6	45	1N	C							
GRP44296 KODA CRON MANI	18	0332	0348	0334	S15	E33	.572	11883	20.6	16	-N							3 3 3 6	
	18	0331	0359	0332	S17	E33	.582	11883	20.6	28	-B	C	0342	1.85	1.80	2.52		E	
	18	0333	0342	0335	S15	E33	.572	11883	20.6	9	-N	1 V	0335	.75					
	18	0333E	0342	0334	S14	E32	.555	11883	20.5	9D	-N	2 C	0334	.52	.63				
299	ATHN	18	0539	0627D	0609	N13	E32	.577	11882	20.6	48D	--F	2 C		.66			D	4

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OBSERVATORY	OBSERVED UT			LOCATION				DURATION	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS	
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE				MCMATH PLAGE REGION	CMP DAY	MIN.	TIME UT	MEAS. AREA Sq. Deg.		CORR. AREA Sq. Deg.
GRP44301	18	0840	0903	0850	N14	E27	.520	11882	20.4	23	--F						4 4 3 7
BUCA	18	0840E	0905D		N14	E27	.520	11882	20.4	25D	-F	C	0849	1.14	1.30		E
ISTA	18	0840	0900		N14	E29	.546	11882	20.5	20	-F						E
ATHN	18	0841	0901	0845	N13	E28	.526	11882	20.5	20	-N	2	C		1.32		F
CATA	18	0855E	0905D	0855	N14	E25	.495	11882	20.2	100	-N		P	0855	.34	.40	(151)
GRP44303	18	1130	1151	1133	S15	E26	.479	11883	20.4	21	--N				.61		5 5 5 8
MCMA	18	1128	1200	1135	S16	E26	.485	11883	20.4	32	-N		C	1135	.62	.70	E
TEHR	18	1130E	1142D	1130	S13	E27	.481	11883	20.5	12D	-N	3	C		.36		F
ATHN	18	1131	1147	1134	S16	E25	.472	11883	20.4	16	-N	3	C		.66		F
CAPS	18	1131	1147		S14	E28	.500	11883	20.6	16	-N	1	V	1131	.60	.70	(176)
BUCA	18	1138E	1144D		S14	E23	.431	11883	20.2	6D	-N		P	1140	.81	.90	F
GRP44304	18	1229	1300	1234	N14	E28	.533	11882	20.6	31	--N				.43		5 5 5 7
ATHN	18	1226	1245	1234	N14	E29	.546	11882	20.7	19	-F	3	C		.50		D
HUAN	18	1226	1247	1233	N14	E28	.533	11882	20.6	21	-F	2	C	1233	.41	.49	ET
MCMA	18	1227	1330D	1233	N15	E27	.528	11882	20.5	63D	-N		C	1233	.52	.60	
CAPS	18	1230	1257D		N12	E29	.533	11882	20.7	27D	-N	3	V	1231	.30	.40	(182)
BOUL	18	1236	1300	1236	N14	E27	.520	11882	20.5	24	-N	2	V	1236	.40	.40	
GRP44308	18	1342	1400	1347	S13	E28	.495	11883	20.7	18	--F				1.04		4 4 4 6
MCMA	18	1342	1400D	1347	S13	E28	.495	11883	20.7	18D	-N		C	1347	.52	.60	E
HUAN	18	1342	1348D		S12	E28	.490	11883	20.7	6D	-F	1	P	1346	.57	.67	E
CAPS	18	1343	1353D		S13	E29	.509	11883	20.7	10D	-N	3	V	1343	1.40	1.70	(161)
ATHN	18	1346E	1400	1346	S13	E28	.495	11883	20.7	14D	-F	2	C		1.65		D
GRP44309	18	1358	1420	1404	N15	E27	.528	11882	20.6	22	--N				.49		5 5 5 7
BOUL	18	1349	1445	1406	N14	E27	.520	11882	20.6	56	-N	3	V	1406	.60	.60	
ATHN	18	1400	1414D	1403	N14	E29	.546	11882	20.8	14D	-N	2	C		.50		D
CANR	18	1400	1408		N17	E26	.532	11882	20.5	8	-N	2	V	1404	.60	.70	
MCMA	18	1402	1415	1403	N16	E26	.524	11882	20.5	13	-B		C	1403	.41	.50	E
HUAN	18	1403E	1416		N14	E27	.520	11882	20.6	13D	-F	2	C	1405	.36	.42	E
GRP44310	18	1405	1430	1410	S14	E26	.473	11883	20.5	25	1B				2.27		7 7 7 7
BOUL	18	1356	1427	1409	S14	E26	.473	11883	20.5	31	1B	3	V	1409	2.50	2.50	
CANR	18	1404	1427	1407	S14	E26	.473	11883	20.5	23	-B	2	V	1407	1.80	2.00	
HUAN	18	1405	1427	1409	S15	E25	.465	11883	20.5	22	1N	2	C	1409	2.42	2.75	ET
MCMA	18	1405	1435	1410	S13	E28	.495	11883	20.7	30	1B		C	1410	1.80	2.10	E
ATHN	18	1406	1414D	1409	S15	E24	.451	11883	20.4	8D	1B	2	C		2.48		F
CAPS	18	1407E	1434	1411	S15	E25	.465	11883	20.5	27D	1B	3	P	1413	2.20	2.60	(482)
HERS	18	1412	1522	1415	S15	E25	.465	11883	20.5	70	1N		C	1413	2.68	2.50	FC
GRP44312	18	1456	1530	1458	S15	E26	.479	11883	20.6	34	--N				.49		3 3 3 7
MCMA	18	1453	1540D	1458	S13	E28	.495	11883	20.7	47D	-N		C	1458	.31	.40	
ATHN	18	1457E	1520	1457	S16	E26	.485	11883	20.6	23D	-N	2	C		.66		DM
CAPS	18	1458	1510D		S15	E25	.465	11883	20.5	12D	-N	3	V	1459	.50	.60	(171)
GRP44313	18	1518	1535	1524	S14	E27	.486	11883	20.7	17	--N				.57		3 3 3 7
MCMA	18	1453	1540D	1524	S13	E28	.495	11883	20.7	47D	-N		C	1524	.72	.80	E
CAPS	18	1518E	1535D		S16	E25	.472	11883	20.5	17D	-N	3	V	1518	.50	.60	(188)
BOUL	18	1518	1531	1523	S14	E27	.486	11883	20.7	13	-N	3	V	1523	.50	.50	C
GRP44314	18	1535	1559	1540	N15	E26	.516	11882	20.6	24	--F				.46		3 2 2 7
CAPS	18	1527E	1602D		N11	E27	.500	11882	20.7	35D	-N	3	V	1527	.30	.40	(161)
MCMA	18	1535	1605	1539	N16	E26	.524	11882	20.6	30	-F		C	1539	.41	.50	CH
BOUL	18	1535	1553	1540	N14	E26	.508	11882	20.6	18	-F	3	V	1540	.50	.50	E
GRP44315	18	1542	1611	1551	S13	E27	.481	11883	20.7	29	-N				.96		4 4 4 6
ATHN	18	1542	1610	1551	S13	E27	.481	11883	20.7	28	-N	2	C		1.32		F
MCMA	18	1542	1615D	1550	S13	E27	.481	11883	20.7	33D	-N		C	1550	.72	.80	E
HUAN	18	1542	1613	1553U	S12	E28	.490	11883	20.8	31	-N	2	C	1553	1.08	1.25	E
CAPS	18	1543	1605		S15	E24	.451	11883	20.5	22	-N	3	V	1543	.70	.80	(182)
GRP44316	18	1616	1641	1621	S16	E24	.458	11883	20.5	25	1B				2.34		7 6 6 7
MCMA	18	1615	1655	1619	S16	E24	.458	11883	20.5	40	1B		C	1619	2.06	2.30	E
HUAN	18	1615	1657	1619	S15	E24	.451	11883	20.5	42	1N	2	C	1619	3.09	3.48	E
BOUL	18	1616	1632	1620	S16	E22	.432	11883	20.3	16	-N	2	C	1620	1.08	1.20	
CANR	18	1617	1635	1622	S15	E24	.451	11883	20.5	18	1N	2	C	1622	3.66	4.08	
PALE	18	1619E	1637	1620	S17	E23	.453	11883	20.4	18D	-B	2	C		1.18		F
ATHN	18	1627E	1632D	1627	S17	E24	.466	11883	20.5	5D	1B	1	C		2.97		DD
RAMY	18	1642E	1648	1643	S16	E27	.498	11883	20.7	6D	-F	2	C		1.24		D
GRP44317	18	1634	1655	1638	N15	E25	.503	11882	20.6	21	--B				.67		6 6 6 6
PALE	18	1633	1650	1636	N14	E26	.508	11882	20.6	17	-B	2	C		.63		D
MCMA	18	1634	1705	1636	N16	E25	.512	11882	20.6	31	-B		C	1636	.41	.50	E
HUAN	18	1634	1652	1636	N14	E25	.495	11882	20.6	18	-B	2	C	1636	.77	.90	E
CANR	18	1635	1654	1639	N17	E26	.532	11882	20.6	19	-B	2	V	1639	.70	.80	
BOUL	18	1637E	1650	1639	N14	E24	.483	11882	20.5	13D	-N	2	V	1639	.60	.60	
RAMY	18	1642E	1700	1643	N15	E26	.516	11882	20.6	18D	-N	2	C		.93		D

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	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.												
GRP44318	18	1824	1833	1824	N15	E25	.503	11882	20.6	9	--F							3 3 3 4
PALE	18	1822	1829	1823	N14	E25	.495	11882	20.6	7	-F	3	C					F
HUAN	18	1822	1830	1824	N14	E24	.483	11882	20.6	8	-F	2	C	1824		.30		D
CANR	18	1827	1840		N16	E25	.512	11882	20.6	13	-N	2	V	1829		.60		
GRP44319	18	1954	2006	1955	S05	W09	.163	11876	18.2	12	--N							4 4 4 5
BOUL	18	1953	2012	1955	S04	W08	.142	11876	18.2	19	-N	1	V	1955	1.20	1.20		
MCMA	18	1954	2003	1955	S05	W09	.163	11876	18.2	9	-N		C	1955		.50		E
PALE	18	1954	2005	1955	S04	W09	.159	11876	18.2	11	-N	3	C			.81		D
HUAN	18	1954	2002	1955	S06	W09	.168	11876	18.2	8	-F	2	C	1955		.62	.63	E
GRP44320	18	2025	2059	2028	N15	E24	.491	11882	20.7	34	-B							4 4 4 4
BOUL	18	2005	2117	2028	N15	E24	.491	11882	20.6	72	-B	2	V	2028	1.70	1.80		
HUAN	18	2024	2052	2027	N14	E23	.470	11882	20.6	28	-B	1	C	2027	1.08	1.24		E
PALE	18	2025	2050	2028	N14	E24	.483	11882	20.7	25	-B	3	C			1.08		F
MCMA	18	2025	2055	2028	N15	E23	.479	11882	20.6	30	-B		C	2028		.83	.90	E
321 MCMA	18	2110	2150D	2126	S05	W09	.163	11876	18.2	40D	--F		C	2123		.52	.50	E
GRP44322	18	2118	2202	2125	N14	E21	.446	11882	20.5	44	--F					.92		2 2 2 2
PALE	18	2116	2138D	2124	N13	E22	.449	11882	20.5	22D	-F	3	C			.81		F
MCMA	18	2119	2202D	2126	N15	E20	.443	11882	20.4	43D	-F		C	2126	1.03	1.20		EF
	18	2202	2203	NO FLARE PATROL														
GRP44323	18	2240	2305	2240	S15	E22	.424	11883	20.6	25	-B					2.58		3 2 1 3
MANI	18	2240E	2305	2240	S15	E22	.424	11883	20.6	25D	1B	2		2240	2.58	2.83		
PALE	18	2242E	2242D		U	S15	E22	.424	11883	20.6			2	C				F
BOUL	18	2253	2305	2253	S14	E23	.431	11883	20.7	12	-N	2	V	2253	1.40	1.50		
GRP44324	18	2303	2321	2304	N16	E22	.476	11882	20.6	18	--N					.76		2 2 2 2
BOUL	18	2301	2325	2302	N15	E22	.467	11882	20.6	24	-N	2	V	2302	1.00	1.10		
MANI	18	2304	2316	2305	N16	E22	.476	11882	20.6	12	-N	2		2305		.52	.59	
GRP44325	19	0200	0211	0202	S16	E21	.420	11883	20.7	11	--N					.56		2 2 2 4
CRON	19	0157	0207	0158	S16	E21	.420	11883	20.7	10	-N	3	V	0158		.60		
MANI	19	0202	0215	0205	S15	E20	.399	11883	20.6	13	-N	2		0205		.52	.56	
GRP44329	19	0431	0450	0435	S17	E19	.404	11883	20.6	19	--N					.30		2 2 2 6
CRON	19	0431	0450	0435	S16	E19	.394	11883	20.6	19	-N	2	C	0435		.32	.35	
TEHR	19	0434E	0437D	0435	S17	E19	.404	11883	20.6	3D	-N	2	C			.28		F
GRP44334	19	0920	0927	0923	S04	W21	.359	11876	17.8	7	--N					.54		3 3 2 11
HTPR	19	0920	0927	0923	S04	W20	.343	11876	17.9	7	-N		C	0924		.41	.40	
ISTA	19	0920	0926		S05	W20	.344	11876	17.9	6	-F							D
ATHN	19	0921	1015D	0923	S03	W22	.374	11876	17.7	54D	-N	2	C			.66		D
GRP44335	19	0943	0957	0946	S12	E18	.348	11883	20.8	14	1N					2.87		6 6 5 7
CATA	19	0942	0955	0945	S12	E18	.348	11883	20.8	13	1B		C	0945	2.90	3.10		(251)
ISTA	19	0943	0950	0946	S13	E19	.369	11883	20.8	7	-N							
HTPR	19	0943	0953	0946	S13	E20	.383	11883	20.9	10	1N		C	0946	2.27	2.20		E
CANR	19	0943	0956	0948	S12	E18	.348	11883	20.8	13	1N	2	C	0948	3.66	3.86		
BUCA	19	0944E	1010D		S11	E18	.340	11883	20.8	26D	1N		C	0945	2.45	2.70		F
KIEV	19	0944	0955	0945	S13	E17	.342	11883	20.7	11	1N		C	0945	3.09	3.20		60 EI
GRP44336	19	1014	1020	1015	S04	W22	.375	11876	17.8	6	--F					1.12		3 3 3 6
HTPR	19	1012	1018	1014	S04	W21	.359	11876	17.8	6	-F		C	1014		.62	.60	
KHAR	19	1014	1021		S03	W22	.374	11876	17.8	7	1F		P	1017	2.27	2.40	1.80	D
CATA	19	1015	1020	1015	S04	W22	.375	11876	17.8	5	-N		C	1015		.46	.50	(155)
GRP44337	19	1127	1140	1130	S04	W21	.359	11876	17.9	13	--N					.57		3 3 3 9
CANR	19	1125	1145		S04	W21	.359	11876	17.9	20	-N	2	V	1130		.60	.70	
ATHN	19	1127	1139	1130	S03	W22	.374	11876	17.8	12	-N	3	C			.50		D
HTPR	19	1129	1135	1130	S04	W21	.359	11876	17.9	6	-F		C	1130		.62	.60	
GRP44339	19	1531	1549	1538	S16	E14	.334	11883	20.7	18	--N					.58		6 6 5 8
MCMA	19	1531	1550	1538	S18	E13	.347	11883	20.6	19	-N		C	1538		.46	.50	E
ATHN	19	1532E	1535	1534	S15	E12	.299	11883	20.5	3D	-N	3	C			.50		D
HUAN	19	1536E	1600D		S16	E13	.322	11883	20.6	24D	-F	1	P	1541		.36	.38	E
HTPR	19	1540E	1547		S17	E16	.368	11883	20.9	7D	-F		C	1540		.41	.40	
CATA	19	1540E	1545D	1540	S17	E13	.334	11883	20.6	5D	-B		P	1540	1.16	1.22		(214)
BOUL	19	1541E	1554D	1541U	S14	E15	.324	11883	20.8	13D	-F	3	V					
GRP44340	19	1638	1651	1644	N14	E13	.354	11882	20.7	13	--F					.61		3 3 2 5
PALE	19	1638	1650	1644	N14	E13	.354	11882	20.7	12	-F	2	C			.81		F
MCMA	19	1638	1650	1644	N13	E13	.341	11882	20.7	12	-N		C	1644		.41	.40	E
BOUL	19	1644E	1652D	1644U	N15	E13	.367	11882	20.7	8D	-F	3	V					

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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	MCMA TH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hg	MAX. INT. %		
					LAT.	MER. DIST.													
	1972																		
	MAY																		
GRP44341	19	1700	1715	1703	N14	E13	.354	11882	20.7	15	--N								4 4 3 7
ARCE	19	1659	1711	1702	N13	E11	.321	11882	20.5	12	-B			1702	.55	.50			T
PALE	19	1700	1715	1703	N14	E13	.354	11882	20.7	15	-N	2	C		.99				F
MCMA	19	1701	1715	1703	N13	E13	.341	11882	20.7	14	-N		C	1703	.41	.40			E
BOUL	19	1703E	1720	1703U	N15	E13	.367	11882	20.7	17D	-F	3	V						
GRP44342	19	1748	1818	1754	S14	E14	.312	11883	20.8	30	--F				.58				3 3 3 5
PALE	19	1747	1806	1752	S14	E13	.299	11883	20.7	19	-F	2	C		.91				F
MCMA	19	1748	1830	1753	S15	E15	.335	11883	20.9	42	-N		C	1753	.41	.40			E
RAMY	19	1750	1758D	1752	S15	E15	.335	11883	20.9	8D	-F	1	C		.37				D
RAMY	19	1757E	1800D	1757	S14	E15	.324	11883	20.9	30	-F	1	C		.41				D
GRP44343	19	1853	1908	1858	S17	E09	.296	11883	20.5	15	--N				.62				2 2 2 4
MCMA	19	1853	1910	1855	S17	E08	.288	11883	20.4	17	-N		C	1855	.52	.50			E
PALE	19	1853	1906	1900	S17	E09	.296	11883	20.5	13	-N	2	C		.72				
GRP44344	19	2102	2124	2104	N13	E10	.312	11882	20.6	22	--F				.49				2 2 2 2
MCMA	19	2100	2130D	2102	N13	E10	.312	11882	20.6	30D	-F		C	2102	.52	.50			E
PALE	19	2103	2118	2106	N12	E10	.298	11882	20.6	15	-N	2	C		.45				F
GRP44345	20	0138	0158	0146	S12	E56	.832	11888	24.3	20	-N				.71				3 3 3 5
CULG	20	0135	0206	0146	S13	E56	.833	11888	24.3	31	1F		C	0146	1.24	2.16			H
PALE	20	0140	0152	0145	S12	E56	.832	11888	24.3	12	-N	2	C		.36				HD
MANI	20	0147E	0155	0147	S11	E57	.841	11888	24.3	8D	-N	2		0147	.52	.89			
GRP44349	20	0720	0728	0722	S04	W35	.574	11876	17.7	8	--F				.60				3 3 3 6
ATHN	20	0720	0729	0722	S03	W35	.573	11876	17.7	9	-N	3	C		.50				D
MANI	20	0722E	0728	0722	S04	W34	.559	11876	17.8	6D	-F	2		0722	.41	.50			
ABST	20	0722E	0728	0723	S04	W35	.574	11876	17.7	6D	-F		P	0723	.90	1.10			DZ
GRP44350	20	0954	1010	0957	N13	E01	.261	11882	20.5	16	--F				.21				4 4 4 8
ARCE	20	0950D	0957D		N14	E02	.280	11882	20.6	7D	-N		P	0957	.09	.10			
BUCA	20	0955E	1020D		N13	E01	.261	11882	20.5	25D	-N		C	0957	.32	.30			
ATHN	20	0955	1006	0958	N12	E01	.244	11882	20.5	11	-F	3	C		.33				D
MONT	20	0955	1004	0956	N13	E01	.261	11882	20.5	9	-F		C	0956	.10				
GRP44351	20	1120	1208	1130	N13	W01	.261	11882	20.4	48	--N				.52				4 3 3 10
BUCA	20	1115E	1230D		N13	E00	.261	11882	20.5	75D	-N		C	1134	.65	.70			
ATHN	20	1125	1145	1129	N14	E01	.278	11882	20.6	20	-F	3	C		.50				D
RAMY	20	1126	1248	1228	N19	W01	.361	11882	20.4	82	-N	2	C		.52				D
CATA	20	1130E	1135D	1130	N13	W04	.269	11882	20.2	5D	-N		P	1130	.40	.42			(191)
GRP44356	20	1620	1634	1627	N15	W03	.298	11882	20.5	14	--F				.39				2 2 2 4
RAMY	20	1620E	1632	1622	N15	W03	.298	11882	20.5	12D	-F	2	C		.31				D
PALE	20	1630E	1636D	1631	N14	W02	.280	11882	20.5	6D	-F	2	C		.46				F
GRP44357	20	1652	1751	1658	N13	W03	.266	11882	20.5	59	-N				1.18				6 5 5 6
CANR	20	1618	1710	1657	N15	W00	.294	11882	20.7	52	-B			0165 70	1.60	1.60			
PALE	20	1650	1740	1658	N13	W03	.266	11882	20.5	50	-B	3	C		1.62				ZF
MCMA	20	1651	1825	1658	N13	W04	.269	11882	20.4	94	-B		C	1658	1.03	1.00			F
BOUL	20	1653	1742	1658	N12	W01	.244	11882	20.6	49	-N	2	C	1658	.54	.54			
HUAN	20	1653E	1810U		N13	W03	.266	11882	20.5	77D	-F	1	P	1659	1.39	1.45			E
ATHN	20	1654E	1716	1659	N14	W04	.286	11882	20.4	22D	-N	1	C		1.30				F
GRP44359	20	1845	1855	1847	S14	W09	.256	11883	20.1	10	--N				.24				2 2 2 3
MCMA	20	1845	1857	1847	S15	W09	.270	11883	20.1	12	-N		C	1847	.21	.20			D
PALE	20	1845	1852	1847	S12	W09	.230	11883	20.1	7	-N	3	C		.27				F
360 PALE	20	2343	2359D	2348	S13	W12	.278	11883	20.1	16D	--F	3	C		.27				3
GRP44370	21	1937	1948	1940	S04	W56	.829	11876	17.6	11	--F				.28				2 2 1 4
RAMY	21	1936	1942D	1939	S04	W56	.829	11876	17.6	6D	-F	1	C		.28				D
LOCK	21	1937	1948	1940	S04	W56	.829	11876	17.6	11	-F		C						
372 LOCK	21	2000	2010	2004	S12	W22	.407	11883	20.2	10	--F		C						3
GRP44379	22	1735	1753	1740	N14	W29	.542	11882	20.6	18	-N				1.08				4 4 3 5
LOCK	22	1734	1752	1739	N14	W30	.555	11882	20.5	18	1N		C						
MCMA	22	1735	1800	1738	N13	W31	.562	11882	20.4	25	-N		C	1738	1.13	1.40			E
CANR	22	1736	1749	1737	N13	W28	.523	11882	20.6	13	-N	2	V	1737	1.40	1.60			
PALE	22	1744E	1750	1744	N14	W28	.529	11882	20.6	6D	-F	2	C		.72				F
GRP44381	22	2134	2150	2136	N13	W32	.575	11882	20.5	16	--N				.65				3 3 2 4
LOCK	22	2133	2150	2137	N15	W32	.586	11882	20.5	17	-F		C						
MCMA	22	2134	2158	2135	N13	W33	.587	11882	20.4	24	-N		C	2135	.36	.40			E
VORO	22	2134	2143	2135	N12	W32	.569	11882	20.5	9	-B		C	2135	.93	1.11			72 DJ

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	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.												
GRP44382 LOCK MANI PALE	22	2259	2320	2304	N16	W32	.592	11882	20.6	21	-N						3 3 2 4	
	22	2258	2320	2304	N15	W32	.586	11882	20.6	22	-N							
	22	2300	2320	2304	N14	W31	.568	11882	20.6	20	-N	2	2304	1.24	1.54			
	22	2301E	2312D	2305	N18	W32	.605	11882	20.6	11D	-N	2		.55			F	
383 LOCK	22	2345	0010	2350	N15	W32	.586	11882	20.6	25	--F						3	
GRP44384 LOCK PALE	23	0031	0042	0034	S08	W38	.620	11883	20.2	11	--F						2 2 1 3	
	23	0030	0040	0034	S08	W37	.607	11883	20.2	10	-F							
	23	0032	0044	0034	S07	W38	.619	11883	20.2	12	-N	3		.41			F	
GRP44387 RANY ZURI MCHA ATHN CAPF BOUL CAPS ARCE CATA	23	1342	1400	1346	N15	W40	.682	11882	20.6	18	-N						9 9 9 12	
	23	1340	1358	1343	N17	W39	.679	11882	20.6	18	-N	4		.52			D	
	23	1341	1353	1345	N15	W40	.682	11882	20.6	12	-N		1345	1.56	2.20			
	23	1342	1359	1346	N16	W42	.709	11882	20.4	17	-N		1346	.26	.40		D	
	23	1342	1403	1346	N17	W41	.702	11882	20.5	21	-N	3		.50			D	
	23	1342E	1355D		N16	W41	.697	11882	20.5	13D	1N		1345	1.86	2.52			
	23	1343	1355U	1347	N15	W41	.693	11882	20.5	12D	-F	2		1347	.43	.59		
	23	1343E	1400D	1346	N16	W35	.628	11882	20.9	17D	-B			1343	.50	.70	(201)	CF
	23	1344	1410D	1347	N14	W41	.689	11882	20.5	26D	-N			1347	1.03	1.50		
	23	1345	1405	1345	N10	W40	.663	11882	20.6	20	-N			1345	.52	.72	(204)	
GRP44393 LOCK VORO	23	2348	0001	2352	S06	W80	.984	11876	18.0	13	-F						2 2 1 4	
	23	2346	0000	2351	S04	W76	.970	11876	18.3	14	-F							
	23	2350	0001	2352	S08	W84	.994	11876	17.7	11	1N		2352	1.02	4.04	63	DJ	
394 LOCK	24	0029	0036	0031	N15	W47	.759	11882	20.5	7	--F						3	
GRP44397 CATA ATHN CAPS ABST TEHR	24	0637	0720	0648	S14	W57	.845	11883	20.0	43	--N						5 5 5 7	
	24	0635	0725	0645	S14	W56	.836	11883	20.1	50	-B		0645	.29	.52	(240)	D	
	24	0638	0725	0648	S13	W58	.853	11883	19.9	47	-N	3		.50			D	
	24	0642E	0722D		S13	W56	.834	11883	20.1	40D	-N		0650	.30	.50	(164)	CC	
	24	0646E	0652D	0648	S14	W59	.862	11883	19.9	6D	-F		P 0648	.90	1.80		DJ	
	24	0649E	0709	0650	S14	W57	.845	11883	20.0	20D	-N	4		.28			D	
GRP44399 TEHR TEHR ABST CRON CANR CATA BUCA ATHN ATHN	24	0702	0744	0715	N08	E85	.997	11895	30.7	42	1N						7 7 7 8	
	24	0653	0733	0713	N09	E86	.998	11895	30.7	40	-B	4		.36				
	24	0653	0733	0656	N09	E86	.998	11895	30.7	40	-N	4		.28			F	
	24	0658E	0733D	0714	N07	E88	1.000	11895	30.9	35D	1F		P 0714	.99			AEKYZ	
	24	0700	0719E	0714	N08	E82	.991	11895	30.4	19D	-N	2		0714	.54			
	24	0701	0754	0715	N09	E78	.980	11895	30.1	53	1N	2		0715	1.40			
	24	0705	0810	0715	N07	E90	1.000	11895	31.0	65	1B			0715	.87		(389)	
	24	0710E	0735D		N09	E86	.998	11895	30.7	25D	-B			0715	.20			A
	24	0710	0738	0718	N07	E88	1.000	11895	30.9	28	1B	3			1.16			F
24	0714E	0738	0714	N07	E85	.997	11895	30.7	24D	1B	3			1.16			F	
GRP44400 CAPS ABST ZURI	24	0715	0835	0759	N07	E89	1.000	11895	31.0	80	-1N						3 2 1 8	
	24	0715E	0835D		N06	E90	1.000	11895	31.1	80D	1B						Y	
	24	0741E	0827D	0759	N07	E88	1.000	11895	30.9	46D	1F		P 0759	.90			ADKOYZ	
	24	0829E	1000	0841	N08	E81	.989	11895	30.4	91D	1N			0841	1.13			
GRP44402 CATA KHAR HTPR ZURI ATHN	24	0836	0846	0839	S14	W54	.817	11883	20.3	10	-N						5 5 5 11	
	24	0835	0845	0840	S14	W54	.817	11883	20.3	10	-B		0840	.29	.49	(224)		
	24	0835	0855		S13	W53	.805	11883	20.4	20	1N		P 0838	1.70	2.90	2.40	DH	
	24	0836	0840	0838	S16	W51	.790	11883	20.5	4	-N			0838	.62	1.00		
	24	0837	0844	0839	S15	W57	.846	11883	20.1	7	-N			0839	.75	1.30		
	24	0837	0847	0839	S14	W55	.826	11883	20.2	10	-F	3			.33			D
24	0838E	0845	0838	S14	W55	.826	11883	20.2	7D	-F				.33				
GRP44404 CATA HTPR KHAR ATHN	24	0902	0928	0911	S22	W33	.616	11884	21.9	26	--F						4 4 3 10	
	24	0900	0930	0910	S21	W33	.609	11884	21.9	30	-N		0910	.23	.28	(166)		
	24	0900	0921	0910	S23	W33	.622	11884	21.9	21	-F			0910	.41	.50		
	24	0900	0925		S23	W32	.611	11884	22.0	25	1F			V 0905			1.80	DH
	24	0909	0935	0912	S21	W32	.598	11884	22.0	26	-F	3			.33			DH
9 STATIONS REPORTING GROUP 44405. 1 STATIONS OBSERVING AND NOT REPORTING.																		
GRP44405 LOCA ABST CANR ZURI BUCA HTPR ATHN CATA TEHR	24	0938	0951	0940	S22	W38	.671	11883	21.6	13	1N						9 9 9 10	
	24	0935	1000	0940	S22	W37	.660	11883	21.6	25	1F		V 0940	1.46	2.73	3.60		
	24	0936E	0942D	0937	S22	W37	.660	11883	21.6	6D	1F		P 0937	1.80	2.40		E	
	24	0937	0943	0940	S22	W38	.671	11883	21.6	6	-N	2		0940	1.40	1.83		
	24	0938	0944	0939	S21	W38	.666	11883	21.6	6	1B			0939	1.99	2.60		
	24	0938E	0956D		S22	W38	.671	11883	21.6	18D	1F			0939	1.31	2.20		
	24	0938	0945	0939	S23	W38	.677	11883	21.6	7	-N			0939	.83	1.00		EV
	24	0939	0955	0940	S21	W40	.689	11883	21.4	16	-N	3			.99			F
	24	0940	0955	0940	S21	W39	.677	11883	21.5	15	1B			0940	1.73	2.34	(263)	
24	0940	0947	0942	S20	W35	.627	11883	21.8	7	-N	3			.37			FH	
405 ABST	24	0936E	0942D	0937	S21	W42	.710	11883	21.3	6D	*-F		P 0937	.63	.90		D 10	

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS
	DATE 1972 MAY	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	
GRP44408	24	1134	1152	1138	S15	W56	.837	11883	20.3	18	--F						5 5 5 9
BUCA	24	1130E	1155D		S15	W55	.828	11883	20.4	25D	-F	C	1143	.48	.80		
HTPR	24	1133	1147	1138	S16	W53	.810	11883	20.5	14	-F	C	1138	.41	.70		
MCMA	24	1134	1150	1137	S15	W56	.837	11883	20.3	16	-N	C	1137	.36	.70		D
CANR	24	1134	1155		S15	W60	.872	11883	20.0	21	-F	1 V	1140	.35	.70		
ATHN	24	1138	1153	1139	S14	W57	.845	11883	20.2	15	-F	3 C		.33			D
GRP44409	24	1206	1219	1208	S14	W56	.836	11883	20.3	13	--F			.25			5 5 5 11
HTPR	24	1203	1214	1208	S16	W53	.810	11883	20.5	11	-F	C	1208	.21	.30		
BOUL	24	1205	1211	1207	S07	W57	.839	11883	20.2	6	-F	2 C	1207	.22	.40		
BUCA	24	1206E	1225D		S15	W56	.837	11883	20.3	19D	-F	C	1209	.32	.50		
TEHR	24	1208	1220	1209	S16	W55	.829	11883	20.4	12	-N	3 C		.19			D
ATHN	24	1208	1223	1209	S14	W57	.845	11883	20.2	15	-F	3 C		.33			D
GRP44411	24	1241	1257	1247	S15	W57	.846	11883	20.3	16	-N			.62			7 7 7 11
MCMA	24	1236	1259	1248	S15	W56	.837	11883	20.3	23	-N	C	1248	.41	.80		E
CATA	24	1240	1255	1245	S14	W56	.836	11883	20.3	15	-B	C	1245	.69	1.24	(221)	
BUCA	24	1240E	1258D		S15	W56	.837	11883	20.3	18D	-F	C	1248	.73	1.20		
CANR	24	1240	1252		S15	W60	.872	11883	20.0	12	-F	1 V	1245	.35	.70		
HUAN	24	1243E	1257	1246	S15	W57	.846	11883	20.3	14D	-N	1 C	1246	.31	.59		
BOUL	24	1244	1300	1247	S14	W57	.845	11883	20.3	16	-N	3 V	1247	1.35	2.00		
ATHN	24	1247E	1255D	1247	S14	W57	.845	11883	20.3	8D	-N	2 C		.50			D
GRP44413	24	1414	1445	1419	N18	W90	1.000	11880	17.8	31	-N			.50			3 3 1 11
RAMY	24	1410	1430		U N18	W90	1.000	11880	17.8	20	-N	3 C					
ARCE	24	1416E	1428D		N19	W90	1.000	11880	17.8	12D	-N	C	1418	.50			
BOUL	24	1417	1500	1419	N17	W90	1.000	11880	17.8	43	-N	3 V					
GRP44417	24	1747	1811	1749	N08	E81	.989	11895	30.8	24	--F			.53			4 4 2 6
RAMY	24	1745E	1750D		U N09	E79	.983	11895	30.7	5D	-N	3 C					D
PALE	24	1746	1806	1750	N08	E83	.993	11895	31.0	20	-F	2 C		.55			
BOUL	24	1747E	1814	1747U	N08	E80	.986	11895	30.7	27D	-N	3 V	1747	.50	1.50		
HUAN	24	1748	1814U		N08	E80	.986	11895	30.7	26D	-F	1 C	1749				T
	24	2252	2315		NO FLARE PATROL												
	24	2327	2345		NO FLARE PATROL												
GRP44419	25	0354	0408	0356	N15	W62	.895	11882	20.5	14	-F			1.09			4 4 4 5
SIBE	25	0352E	0412	0355	N14	W63	.901	11882	20.4	20D	1F	P	0355	1.47	3.20	60	J
TEHR	25	0354	0402	0357	N14	W60	.878	11882	20.7	8	-N	3 C		.46			F
KODA	25	0355	0407	0355	N14	W64	.908	11882	20.4	12	-N	V	0355	1.58	1.60	1.72	D
ATHN	25	0355E	0409	0355	N17	W62	.898	11882	20.5	14D	-F	1 C		.83			D
ATHN	25	0355E	0409	0355	N17	W62	.898	11882	20.5	14D	-F	1 C		.83			D
GRP44420	25	0421	0436	0423	S20	W46	.750	11883	21.7	15	--F			.51			2 2 2 4
ATHN	25	0421E	0442	0422	S20	W47	.760	11883	21.7	21D	-F	2 C		.66			D
ATHN	25	0421E	0442	0422	S20	W47	.760	11883	21.7	21D	-F	2 C		.66			D
TEHR	25	0423E	0430	0424	S20	W45	.739	11883	21.8	7D	-N	3 C		.36			F
GRP44423	25	0849	0910	0851	S20	W54	.828	11883	21.3	21	--F			.26			5 5 5 9
TEHR	25	0849E	0903	0849	S21	W50	.793	11883	21.6	14D	-N	3 C		.09			D
HTPR	25	0849E	0900D	0852	S21	W55	.839	11883	21.2	11D	-F	C	0852	.21	.30		
CRIM	25	0849E	0906D		S19	W55	.835	11883	21.2	17D	-F	C	0855	.27	.50		E
ARCE	25	0850E	0910D		S21	W54	.830	11883	21.3	20D	-N	C	0855	.09	.20		
BUCA	25	0850E	0920D		S20	W56	.845	11883	21.2	30D	-F	C	0903	.65	1.20		
GRP44427	25	1134	1146	1135	N07	E68	.930	11895	30.6	12	--F			.32			4 4 4 8
CANR	25	1133	1146		N07	E68	.930	11895	30.6	13	-N	1 V	1135	.25	.60		
HTPR	25	1134	1142	1135	N06	E65	.909	11895	30.4	8	-N	C	1135	.41			
BUCA	25	1134E	1156D		N09	E68	.931	11895	30.6	22D	-F	P	1134	.32			
RAMY	25	1134	1141	1135	N07	E69	.936	11895	30.7	7	-F	3 C		.28			D
GRP44429	25	1246	1255	1248	S15	W68	.930	11883	20.4	9	--N			.39			3 3 3 9
CANR	25	1245	1258		S14	W70	.941	11883	20.3	13	-N	1 V	1247	.60	1.30		
HTPR	25	1246	1250	1248	S15	W66	.917	11883	20.6	4	-F	C	1248	.21			
TEHR	25	1248E	1256	1248	S15	W69	.936	11883	20.4	8D	-N	2 C		.36			F
GRP44430	25	1302	1318	(1309)	N07	E72	.953	11895	30.9	16	--F			.33			3 3 2 9
ARCE	25	1300E	1328D		N09	E68	.931	11895	30.6	28D	-N	C	1315	.26			IT
HUAN	25	1304	1310		N07	E69	.936	11895	30.7	6	-F	1 C	1306				E
CAPS	25	1305E	1315D		N06	E78	.979	11895	31.4	10D	-F	V	1305	.40		(153)	C
GRP44433	25	1443	1555	(1448)	N09	E68	.931	11895	30.7	72	--F			.42			3 2 2 8
HUAN	25	1443U	1453		N08	E67	.924	11895	30.6	10D	-F	1 C	1446	.21			D
ARCE	25	1445E	1500D		N09	E66	.918	11895	30.6	15D	-N	P	1500	.17			
MCMA	25	1449E	1555		N09	E68	.931	11895	30.7	66D	-N	P	1449	.62	1.80		BE

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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 FLARE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %	
					LAT.	MER. DIST.												
1972 MAY																		
GRP44435	25	1925	2008	1938	N07	E66	.916	11895	30.8	43	--F							4 2 2 6
HUAN	25	1925	2004		N08	E66	.917	11895	30.8	39	-F	1	C	1938	.35			DK
BOUL	25	1925E	1941D	1925U	N06	E70	.941	11895	31.1	16D	-F	1	V		.26			
RAMY	25	1939E	2012	1939	N06	E65	.909	11895	30.7	33D	-N	2	C		.43			D
PALE	25	1949E	1957D	1950	N08	E65	.910	11895	30.7	8D	-F	2	C		.36			F
GRP44436	25	1940	1953	1943	S22	W59	.873	11883	21.4	13	--F				.26			2 2 1 5
MCMA	25	1940	1952	1943	S22	W58	.865	11883	21.5	12	-N		C	1943	.26	.50		E
LOCK	25	1940	1954	1943	S21	W59	.872	11883	21.4	14	-F		C					
GRP44438	25	2103	2127	2107	S22	W59	.873	11883	21.5	24	--F				.36			2 2 1 5
LOCK	25	2100	2130E	2106	S21	W59	.872	11883	21.4	30D	-F		C					E
MCMA	25	2105	2123	2107	S22	W59	.873	11883	21.5	18	-F		C	2107	.36	.80		E
GRP44443	26	0845	0917	0847	N10	E57	.847	11895	30.6	32	--N				.57			5 5 5 9
CAPS	26	0845E	0916D	0846	N09	E57	.846	11895	30.6	31D	-N		V	0845	.05	.10	(182)	C
ARCE	26	0845E	0925D		N10	E56	.838	11895	30.6	40D	1N		C	0855	1.25	2.30		
CATA	26	0845	0905D	0850	N10	E56	.838	11895	30.6	20D	-B		P	0850	.52	.93	(240)	D
ATHN	26	0845E	0911	0845	N09	E59	.863	11895	30.8	26D	-N	2	C		.50			D
HTPR	26	0847E	0909D		N10	E55	.828	11895	30.5	22D	-N		C	0847	.52	.80		
GRP44444	26	1047	1120	1102	N09	E54	.817	11895	30.5	33	-F				.29			3 3 2 9
HTPR	26	1041	1105D		N10	E55	.828	11895	30.6	24D	-F		C	1053	.21	.30		
TELV	26	1045	1120	1106	N06	E53	.803	11895	30.4	35	1N							D
RAMY	26	1054	1107D	1057	N12	E55	.831	11895	30.6	13D	-F	3	C		.37			D
44444	26	1112	1136	1119	N10	E55	.828	11895	30.6	24	*-N				1.15			4 4 4 8
CATA	26	1105	1150D	1125	N10	E56	.838	11895	30.7	45D	1B		P	1125	1.73	3.11	(209)	D
RAMY	26	1110	1122	1113	N10	E55	.828	11895	30.6	12	-N	4	C		.83			D
ATHN	26	1113	1127	1117	N09	E55	.827	11895	30.6	14	-N	2	C		.50			D
MONT	26	1118	1144	1122	N10	E55	.828	11895	30.6	26	-N		C	1122	1.55			
5 STATIONS REPORTING GROUP 44445. 7 STATIONS OBSERVING AND NOT REPORTING.																		
GRP44445	26	1233	1258	1235	N10	E54	.819	11895	30.6	25	--F				.27			4 4 4 11
MCMA	26	1232	1304	1237	N10	E53	.809	11895	30.5	32	-N		C	1237	.26	.40		D
HTPR	26	1233	1300	1234	N10	E53	.809	11895	30.5	27	-F		C	1234	.21	.30		D
ATHN	26	1233	1256	1235	N09	E55	.827	11895	30.6	23	-N	2	C		.33			D
HUAN	26	1233	1253		N11	E55	.830	11895	30.6	20	-F	1	C	1234	.26	.46		OT
44445	26	1157	1330	(1157)	N08	E55	.826	11895	30.6	93	*-N				.41			2 1 1 10
MCMA	26	1157E	1330		N08	E55	.826	11895	30.6	93D	-N		C	1157	.41	.80		EK
ARCE	26	1300E	1405D		N09	E53	.807	11895	30.5	65D	-F		C	1315	1.05	1.80		
7 STATIONS REPORTING GROUP 44446. 3 STATIONS OBSERVING AND NOT REPORTING.																		
GRP44446	26	1413	1435	1417	N10	E53	.809	11895	30.6	22	--F				.38			6 6 6 9
HTPR	26	1412	1435	1417	N10	E53	.809	11895	30.6	23	-F		C	1417	.31	.40		D
HUAN	26	1413	1425	1416	N10	E53	.809	11895	30.6	12	-F	1	C	1416	.21	.35		D
MCMA	26	1413	1440	1418	N10	E53	.809	11895	30.6	27	-N		C	1418	.21	.30		D
ATHN	26	1414	1431	1416	N09	E53	.807	11895	30.6	17	-N	3	C		.33			D
RAMY	26	1415E	1435	1416	N12	E55	.831	11895	30.7	20D	-F	3	C		.26			D
ARCE	26	1415E	1445D		N09	E53	.807	11895	30.6	30D	-N		C	1420	.98	1.70		D
44446	26	1425	1508	1435	N08	E54	.816	11895	30.7	43	*-F				.86			2 2 2 10
HTPR	26	1425	1451	1434	N08	E53	.806	11895	30.6	26	-F		C	1434	.21	.30		
BOUL	26	1435E	1525	1435U	N08	E54	.816	11895	30.7	50D	1F	3	V	1435	1.50	2.30		
GRP44447	26	1625	1639	1628	N10	E53	.809	11895	30.7	14	--F				.52			5 5 4 8
HTPR	26	1622	1643D		N10	E55	.828	11895	30.8	21D	-F		C	1628	.31	.40		
ATHN	26	1623	1638	1625	N10	E52	.799	11895	30.6	15	-F	1	C		.50			D
RAMY	26	1625E	1640	1628	N11	E54	.820	11895	30.7	15D	-F	3	C		.83			DM
RAMY	26	1625	1701	1628	N11	E53	.810	11895	30.7	36	-F	2	C		.65			D
PALE	26	1626	1639	1631	N09	E52	.797	11895	30.6	13	-F	1	C		.45			F
BOUL	26	1628	1636	1629	N12	E55	.831	11895	30.8	8	-F	3	V					
GRP44452	26	1819	1833	1823	N09	E51	.787	11895	30.6	14	--F				.63			4 4 3 5
LOCK	26	1818	1835	1823	N09	E52	.797	11895	30.7	17	-F		C					E
MCMA	26	1819	1830	1822	N09	E50	.776	11895	30.5	11	-F		C	1822	.62	1.00		E
PALE	26	1819	1833	1823	N09	E51	.787	11895	30.6	14	-F	2	C		.55			F
HUAN	26	1820	1833	1825	N10	E51	.788	11895	30.6	13	-N	1	C	1825	.72	1.16		E
4 STATIONS REPORTING GROUP 44453. 2 STATIONS OBSERVING AND NOT REPORTING.																		
GRP44453	26	2251	2318	2300	N10	E50	.778	11895	30.7	27	-F				.30			2 2 1 6
LOCK	26	2245	2310D	2300	N10	E48	.756	11895	30.5	25D	-F		C					
BOUL	26	2257	2318D	2300U	N09	E51	.787	11895	30.8	21D	-F	3	V	2300	.30	.50		
44453	26	2301	2330	2311	N10	E48	.756	11895	30.6	29	*-N				.72			2 1 1 6
PALE	26	2301	2330	2311	N10	E48	.756	11895	30.6	29	-N	2	C		.72			FD
CULG	26	2308	2352D	2323	N08	E48	.752	11895	30.6	44D	1N		P	2323	2.78	4.18		

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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 MAY																		
GRP44454	27	0131	0213	0140	N10	E47	.745	11895	30.6	42	18			2.28				6 6 6 6
CULG	27	0129	0208	0142	N09	E45	.719	11895	30.4	39	18	C	0142	1.55	2.25			
VORO	27	0131	0154	0133	N12	E46	.738	11895	30.5	23	-8	C	0133	.84	1.21		81	DJ
PALE	27	0132E	0158	0141	N09	E48	.754	11895	30.7	260	-8	2 C		.72				F
CRON	27	0132	0215	0143	N09	E47	.742	11895	30.6	43	-E	3 V	0143	1.00				
CRON	27	0132	0215	0134	N09	E47	.742	11895	30.6	43	-N	3 V		.60				
MANI	27	0133E	0235	0140	N09	E47	.742	11895	30.6	620	18	2	0140	1.86	2.77			
KODA	27	0140E	0228		N09	E47	.742	11895	30.6	480	28	C	0146	7.70	7.70			I
GRP44461	27	1737	1753	1740	N08	E45	.717	11895	31.1	16	--N			.38				4 4 4 6
CANR	27	1734	1753		N08	E44	.705	11895	31.0	19	-N	2 V	1739	.60	.80			
MCHA	27	1737	1755	1740	N08	E45	.717	11895	31.1	18	-N	C	1740	.31	.40			D
RAMY	27	1738	1751	1740	N08	E44	.705	11895	31.0	13	-F	3 C		.28				D
HUAN	27	1739	1752	1741	N08	E46	.729	11895	31.2	13	-N	2 C	1741	.31	.45			D
462 VORO	27	2213E	2240		N12	E38	.643	11895	30.8	270	-8	C	2213	1.29	1.65		63	EJ
GRP44463	28	0034	0043	0034	N11	E36	.613	11895	30.7	9	-N			1.20				2 2 2 4
PALE	28	0032E	0039D	0032	N09	E36	.606	11895	30.7	7D	-F	3 C		.27				F
VORO	28	0035	0043	0036	N12	E36	.617	11895	30.7	8	-8	C	0036	2.12	2.60		66	EJ
464 PALE	28	0106	0114	0108	N07	E41	.665	11895	31.1	8	--F	3 C		.19				4
GRP44466	28	0220	0234	0224	N08	E37	.616	11895	30.9	14	--N			.69				2 2 2 5
PALE	28	0220E	0231	0224	N07	E38	.626	11895	30.9	11D	-N	2 C		.55				F
MANI	28	0220E	0236	0223	N08	E36	.602	11895	30.8	160	-N	1	0223	.83	1.03			
GRP44467	28	0302	0319	0306	N09	E34	.579	11895	30.7	17	-N			1.65				4 3 3 6
TACH	28	0302E	0422	0306	N08	E35	.589	11895	30.8	800	1N	C	0306	3.65	4.50		68	FKT
PALE	28	0304E	0316	0306	N09	E34	.579	11895	30.7	12D	-N	2 C		.36				F
MANI	28	0304E	0321	0306	N11	E34	.587	11895	30.7	17D	-N	1	0306	.93	1.13			
KODA	28	0320	0339	0325	N08	E36	.602	11895	30.8	19	1N	P	0328	2.86	2.90	1.60		
GRP44468	28	0348	0414	0350	N09	E34	.579	11895	30.7	26	-N			1.17				5 5 5 7
ATHN	28	0346E	0415	0347	N10	E33	.569	11895	30.6	290	-N	1 C		.99				F
PALE	28	0346	0408	0348	N09	E33	.565	11895	30.6	22	-N	2 C		.36				F
MANI	28	0348E	0416	0350	N11	E34	.587	11895	30.7	28D	-N	1	0350	.93	1.13			
CRON	28	0348E	0410		N09	E33	.565	11895	30.6	22D	-N	3 V		.70				
KODA	28	0354	0420	0355	N08	E36	.602	11895	30.9	26	1B	P	0357	2.86	2.90	2.00		
GRP44469	28	0708	0728	0711	N18	E68	.937	11901	2.4	20	--N			.30				4 4 4 9
MANI	28	0707E	0729	0709	N17	E66	.924	11901	2.2	22D	-N	1	0709	.21	.42			
BUCA	28	0709	0735		N19	E65	.920	11901	2.2	26	-N	C	0714	.55	1.50			
CANR	28	0709	0726		N18	E72	.958	11901	2.7	17	-N	3 V	0710	.10	.30			
ATHN	28	0711E	0723	0713	N17	E68	.936	11901	2.4	12D	-N	4 C		.33				D
10 STATIONS REPORTING GROUP 44470. 1 STATIONS OBSERVING AND NOT REPORTING.																		
GRP44470	28	0710	0759	0719	N10	E32	.556	11895	30.7	49	1N			2.21				8 8 8 9
CATA	28	0655	0820	0720	N10	E32	.556	11895	30.7	85	18	C	0720	3.71	4.42		(254)	T
HPR	28	0655	0745	0721	N10	E35	.596	11895	30.9	50	-N	C	0714	1.34	1.50			EW
CANR	28	0700	0750	0715	N09	E31	.538	11895	30.6	50	-N	3 V	0710	1.20	1.50			
ATHN	28	0705E	0743	0717	N08	E34	.575	11895	30.8	38D	18	4 C		1.98				UF
ATHN	28	0705E	0743	0707	N08	E34	.575	11895	30.8	38D	-N	4 C		.33				
BUCA	28	0711	0800		N11	E33	.574	11895	30.8	49	1F	P	0717	2.76	3.40			E
CRON	28	0712	0756	0716	N09	E31	.538	11895	30.6	44	-N	3 V		1.50				
MANI	28	0714E	0810	0723	N11	E32	.560	11895	30.7	56D	1N	1	0723	2.17	2.63			
CAPS	28	0715	0810	0720	N08	E30	.519	11895	30.6	55	18	1 P	0720	3.00	3.50		(225)	FHI
44470	28	0735	0850	0748	N12	E30	.538	11895	30.6	75	*-F			1.09				3 2 2 10
HPR	28	0735	0801	0748	N14	E30	.550	11895	30.6	26	-F	C	0748	.52	.60			
CAPF	28	0740E	0755D		N09	E29	.509	11895	30.5	15D	-N	P	0746	1.65	1.92			FB
ARCE	28	0800E	0850D		N12	E29	.525	11895	30.5	50D	-N	C	0800	1.51	1.80			
GRP44471	28	0907	0939	0913	N07	E27	.472	11895	30.4	32	--F			.56				3 3 3 8
HPR	28	0907	0923	0913	N05	E27	.464	11895	30.4	16	-F	C	0913	.31	.30			
ARCE	28	0910E	0955D		N09	E28	.495	11895	30.5	45D	-N	C	0920	1.02	1.20			
TEHR	28	0912E	0916D	0913	N06	E27	.468	11895	30.4	4D	-F	3 C		.36				F
GRP44472	28	1046	1108	1056	N10	E28	.500	11895	30.5	22	--N			.30				3 3 3 7
HPR	28	1044	1107	1056	N11	E28	.506	11895	30.5	23	-F	C	1057	.21	.20			E
TEHR	28	1048	1109		N10	E27	.486	11895	30.5	21	-N	2 C		.28				D
CAPS	28	1055E	1109		N08	E28	.491	11895	30.6	14D	-N	3 V	1055	.40	.50		(182)	CFHI

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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 Ha	MAX. INT. %	
1972 MAY																	
GRP44473	28	1131	1158	1134	N09	E28	.495	11895	30.6	27	-N					7 7 7 8	
KHAR	28	1129	1205		N09	E27	.481	11895	30.5	36	1N		1136	1.07	2.84	3.30	2.10
ATHN	28	1130E	1201	1133	N08	E30	.519	11895	30.7	31D	-N	4	C	.66			
TEHR	28	1131	1143	1134	N10	E28	.500	11895	30.6	12	-N	4	C	.57			
HTPR	28	1131	1159	1135	N09	E30	.524	11895	30.7	28	-N		C	.93	1.00		
CAPS	28	1131	1206		N08	E27	.476	11895	30.5	35	-B	3	V	.70	.80		(290)
RAMY	28	1132E	1144D	1134	N10	E29	.514	11895	30.7	12D	-N	1	C	.62			
CATA	28	1135	1205D	1135	N09	E28	.495	11895	30.6	30D	-B		P	1.16	1.34		(219)
GRP44474	28	1155	1204	1158	N17	E64	.911	11901	2.3	9	--N			.24			
HTPR	28	1155	1206	1159	N16	E62	.895	11901	2.1	11	-F		C	.31	.60		
	28	1155E	1202	1155	N13	E66	.920	11901	2.4	7D	-N		C	.17			
TEHR	28	1155E	1159	1156	N18	E64	.912	11901	2.3	4D	-F	2	C	.09			
CAPS	28	1155	1205		N20	E65	.921	11901	2.4	10	-B	3	V	.20			(216)
RAMY	28	1201E	1210	1201	N16	E65	.916	11901	2.4	9D	-N	2	C	.41			
GRP44475	28	1215	1234	1219	N06	E25	.453	11895	30.5	19	--N			.38			
HTPR	28	1213	1233	1220	N05	E25	.434	11895	30.4	20	-N		C	.31	.30		
RAMY	28	1214	1229D	1219	N07	E25	.442	11895	30.4	15D	-F	2	C	.31			
ATHN	28	1215E	1232	1215	N05	E27	.464	11895	30.5	17D	-F	4	C	.33			
CATA	28	1215	1235	1220	N05	E25	.434	11895	30.4	20	-N		C	.52	.58		(180)
CAPS	28	1216	1236		N06	E25	.438	11895	30.4	20	-N	1	V	.30	.30		(166)
RAMY	28	1217E	1229D	1219	N08	E27	.476	11895	30.5	12D	-F	2	C	.46			
12 STATIONS REPORTING GROUP 44476. 0 STATIONS OBSERVING AND NOT REPORTING.																	
GRP44476	28	1310	1515	1332	N09	E30	.524	11895	30.8	125	2B			9.01			
ATHN	28	1305	1424	1329	N07	E32	.544	11895	30.9	79	2B	4	C	7.92			10 10 10 10
HTPR	28	1305	1430	1330	N07	E33	.558	11895	31.0	85	2B		C	9.28	10.30		
CATA	28	1305	1535D	1330	N09	E30	.524	11895	30.8	150D	2B		P	1330	9.28	10.94	(284)
MOMA	28	1306	1701D		N09	E30	.524	11895	30.8	235D	2B		C	1333	7.73	9.00	
CAPS	28	1306E	1650D	1328	N08	E28	.491	11895	30.6	224D	2B	3	P	1333	10.00	11.50	(543)
CAPF	28	1312E	1520D	1328	N09	E30	.524	11895	30.8	128D	3B		C	1333	16.09	18.72	
CANR	28	1314	1430	1331	N10	E31	.542	11895	30.9	76	2N	2	C	1331	6.88	8.21	
HUAN	28	1316E	1450U		N09	E31	.538	11895	30.9	94D	2B	1	P	1328	6.81	8.05	
TEHR	28	1318	1411D	1323	N09	E30	.524	11895	30.8	53D	1B	3	C		2.01		
TEHR	28	1318	1411D	1336	N09	E30	.524	11895	30.8	53D	2B	3	C		5.01		
ZURI	28	1340E	1439D	1340	N09	E31	.538	11895	30.9	59D	3B		P	1340	11.14	13.00	
HUAN	28	1651E	1700D		N10	E28	.500	11895	30.8	9D	-F	1	P	1656	.26	.30	
44476	28	1306	1424	1314	N08	E30	.519	11895	30.8	78	*-B			1.49			
ATHN	28	1305	1424	1319	N07	E32	.544	11895	30.9	79	1B	4	C	2.31			2 2 2 9
ATHN	28	1305	1424	1310	N07	E32	.544	11895	30.9	79	-N	4	C	.99			
TEHR	28	1306	1317	1309	N09	E27	.481	11895	30.6	11	-N	2	C	.67			
44476	28	1458	1630	1458	N11	E28	.506	11895	30.7	92	*1N						
LOCK	28	1458E	1630	1458	N10	E28	.500	11895	30.7	92D	1N		C				2 2 0 11
ONDR	28	1536E	1547D		N11	E28	.506	11895	30.8	11D	2N		V	1538		2.50	
477 LOCK	28	1732	1742	1735	N10	E28	.500	11895	30.8	10	--F		C				
480 LOCK	28	2010	2020	2013	N07	E24	.427	11895	30.6	10	--F		C				
481 PALE	28	2118	2140	2124	N15	E58	.862	11901	2.2	22	--F	2	C	.19			
482 PALE	28	2118	2140	2133	N15	E58	.862	11901	2.2	22	--N	2	C	.19			
GRP44488	29	0833	0852	0839	N11	E19	.381	11895	30.8	19	--F			.41			
MONT	29	0824	0849	0834	N10	E17	.345	11895	30.6	25	-F		C	0834	.52		
CAPS	29	0837E	0844D		N08	E18	.344	11895	30.7	7D	-F		V	0837	.40	.40	(157)
HTPR	29	0839	0855	0844	N14	E21	.433	11895	30.9	16	-F		C	0844	.31	.30	
10 STATIONS REPORTING GROUP 44489. 0 STATIONS OBSERVING AND NOT REPORTING.																	
GRP44489	29	1016	1113	1026	N08	E17	.329	11895	30.7	57	1B			3.34			
HTPR	29	0935	1115	1018	N06	E21	.377	11895	31.0	100	1B		C	1018	2.58	2.50	
CANR	29	1014	1055	1028	N10	E16	.332	11895	30.6	41	-N	2	C	1028	1.94	2.01	
CATA	29	1015	1155	1025	N08	E16	.315	11895	30.6	100	1B		C	1025	2.61	2.74	(312)
ZURI	29	1015	1120	1028	N08	E15	.300	11895	30.6	65	1B		C	1028	4.62	4.80	
MONT	29	1016	1118	1031	N09	E16	.323	11895	30.6	62	1B		C	1031	4.13		
CAPS	29	1016	1130	1022	N08	E17	.329	11895	30.7	74	1B		P	1022	3.50	3.90	(290)
LOCA	29	1017	1100D	1031	N08	E16	.315	11895	30.6	43D	1B		V	1031	3.99	4.20	
KHAR	29	1035	1100		N08	E14	.286	11895	30.5	25	2N		V	1045		2.80	
44489	29	0950	0957	0952	N09	E23	.423	11895	31.1	7	*-N			.47			
HTPR	29	0949	0957	0952	N09	E25	.452	11895	31.3	8	-F		C	0953	.21	.20	
MONT	29	0950	0955	0953	N09	E24	.437	11895	31.2	5	-F		C	0953	.52		
CANR	29	0950	0954	0951	N08	E24	.432	11895	31.2	4	-N	3	V	0951	.30		
ARCE	29	0950E	1000D	0953	N10	E21	.401	11895	31.0	10D	-B		C	0953	.66	.70	
ZURI	29	0951	0953	0952	N08	E21	.388	11895	31.0	2	-N		C	0952	.63	.70	
CAPS	29	0953E	1001D		N08	E20	.373	11895	30.9	8D	-N		V	0953	.50	.60	(188)

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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	MCMATH	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α		MAX. INT. %
					LAT.	MER. DIST.	DISTANCE										
	1972 MAY																
44489	29	0920	1120	0930	N09	E19	.365	11895	30.8	120	*1N						2 2 1 7
TELV	29	0920	1120	0930	N08	E21	.388	11895	31.0	120	2B						
ARCE	29	0935E	1000D		N09	E16	.323	11895	30.6	25D	-F	C	0935	.72	.80		
GRP44492	29	1338	1342	1339	N06	E13	.255	11895	30.5	4	--F			.43			4 4 3 9
ZURI	29	1338	1340	1339	N06	E13	.255	11895	30.5	2	-F	C	1339	.73	.70		
HTPR	29	1338	1342	1338	N05	E14	.263	11895	30.6	4	-F	C	1338	.31	.30		
MCMA	29	1338	1345	1339	N07	E13	.263	11895	30.5	7	-F	C	1339	.26	.30		DH
BOUL	29	1339E	1445D	1339U	N07	E13	.263	11895	30.5	66D	-N	1 V					
GRP44494	29	1644	1707	1645	N11	E15	.328	11895	30.8	23	--N			.51			4 4 4 4
HTPR	29	1643	1655	1645	N11	E18	.368	11895	31.0	12	-F	C	1645	.62	.60		E
MCMA	29	1644	1705	1645	N11	E13	.304	11895	30.7	21	-N	C	1645	.41	.40		E
CANR	29	1644	1726		N10	E14	.305	11895	30.7	42	-N	1 V	1646	.70	.70		E
HUAN	29	1644	1651	1646	N11	E14	.316	11895	30.7	7	-N	1 C	1646	.31	.32		E
HUAN	29	1656	1702	1657	N11	E14	.316	11895	30.8	6	-F	1 C	1657	.15	.16		D
GRP44496	29	1926	1950	1929	N08	E15	.300	11895	30.9	24	--F			.74			3 3 3 3
MCMA	29	1925	1950	1928	N07	E16	.307	11895	31.0	25	-F	C	1928	.83	.70		E
PALE	29	1925	1949	1927	N07	E17	.322	11895	31.1	24	-N	3 C		.99			F
HUAN	29	1927	1950U	1931	N07	E16	.307	11895	31.0	23D	-F	1 C	1931	.41	.43		E
PALE	29	1927E	1947	1932	N08	E15	.300	11895	30.9	20D	-F	2 C		.72			F
PALE	29	1945	1950	1946	N12	E11	.293	11895	30.6	5	-F	2 C		.21			
GRP44497	30	0149	0254	0154	N12	E08	.262	11895	30.7	65	1B			2.79			3 1 1 4
MANI	30	0144	0310	0206	N09	E07	.210	11895	30.6	86	1B	2	0206	2.06	2.12		ZS
PALE	30	0149	0254	0154	N12	E08	.262	11895	30.7	65	1B	2 C		2.79			I
KODA	30	0150	0245	0221	N11	E07	.239	11895	30.6	55	1B	P	0151	3.97	4.00	1.92	
GRP44498	30	0658	0744	0703	N09	E12	.268	11895	31.2	46	1N			2.70			5 5 5 9
HTPR	30	0655	0733	0659	N10	E16	.331	11895	31.5	38	-N	C	0700	1.55	1.50		
MONT	30	0657	0738	0705	N09	E10	.243	11895	31.0	41	1N	C	0705	4.13			
CATA	30	0700	0740	0705	N09	E10	.243	11895	31.0	40	1B	C	0705	2.02	2.09		(229)
BUCA	30	0700	0800		N08	E11	.244	11895	31.1	60	1F	C	0704	3.32	3.40		
CAPS	30	0701E	0750D		N09	E11	.255	11895	31.1	49D	1B	3 P	0705	2.50	2.60		(220) F
GRP44502	30	0918	0945	0934	N11	E06	.231	11895	30.8	27	--F			.47			3 3 3 7
ARCE	30	0915E	0945D		N11	E03	.213	11895	30.6	30D	-F	C	0931	.53	.50		
HTPR	30	0921	0946	0933	N12	E12	.302	11895	31.3	25	-F	C	0933	.52	.50		
TEHR	30	0932E	0945	0934	N09	E04	.186	11895	30.7	13D	-N	3 C		.37			F
GRP44504	30	1618	1700	1647	N13	W01	.241	11895	30.6	42	--N			.88			2 2 2 5
CANR	30	1618	1710	1651	N15	E00	.274	11895	30.7	52	-N	2 V	1651	.90	.90		
CANR	30	1618	1710		N15	E00	.274	11895	30.7	52	-N	2 V	1622	.60	.60		
CANR	30	1618	1710	1657	N15	E00	.274	11895	30.7	52	-B	2 V	1657	1.60	1.60		
HUAN	30	1639	1649	1642	N10	W01	.190	11895	30.6	10	-F	1 C	1642	.15	.16		DT
GRP44505	30	2157	2227	2210	S08	E80	.985	11911	5.9	30	-N			.51			4 4 3 4
LOCK	30	2156	2230	2213	S09	E79	.982	11911	5.8	34	-N	C					
BOUL	30	2158	2225	2210	S07	E82	.990	11911	6.1	27	-N	3 V	2210	.30	1.00		
HUAN	30	2203E	2213D		S08	E78	.978	11911	5.8	100	-N	1 P	2207	.52			D
PALE	30	2207E	2227	2208	S07	E80	.985	11911	5.9	20D	-B	2 C		.72			D
GRP44507	31	0034	0057	0039	N19	E31	.592	11901	2.3	23	--N			.72			3 3 2 4
PALE	31	0030E	0053	0035	N19	E34	.627	11901	2.6	23D	-N	3 C		.83			F
LOCK	31	0035	0055	0039	N21	E31	.606	11901	2.3	20	-F	C					
BOUL	31	0037	0104	0044	N18	E29	.562	11901	2.2	27	-N	3 V	0044	.60	.70		
9 STATIONS REPORTING GROUP 44509. 1 STATIONS OBSERVING AND NOT REPORTING.																	
GRP44509	31	0541	0656	0603	N09	W08	.219	11895	30.6	75	1N			2.75			5 5 5 9
TACH	31	0539	0615D	0603	N09	W08	.219	11895	30.6	36D	1F	C	0603	2.28	2.32	1.29	54
CATA	31	0540	0645D	0605	N09	W09	.230	11895	30.6	65D	1N	P	0605	2.32	2.38		(204)
CRON	31	0541	0640	0601	N09	W10	.242	11895	30.5	59	-B	3 V	0601	1.40			
MITK	31	0543	0710	0603	N08	W05	.176	11895	30.9	87	1N	C	0603	4.74	4.90		E
CAPS	31	0600E	0708D		N08	W08	.206	11895	30.6	68D	1N	3 P	0600	3.00	3.00		(166) EF
44509	31	0635	0729	0640	N10	W09	.243	11895	30.6	54	*1N			2.43			3 3 3 9
BUCA	31	0600	0729		N10	W08	.232	11895	30.6	89	1F	P	0631	3.87	4.00		
CAPF	31	0635E	0700D		N09	W10	.242	11895	30.5	25D	1N	P	0636	2.89	2.94		
CATA	31	0635	0645D	0640	N12	W08	.260	11895	30.7	10D	-B	P	0640	.52	.54		(214) D
44509	31	0539	0744	0615	N09	W08	.219	11895	30.6	125	*-N			1.89			2 1 1 9
ATHN	31	0539	0645	0542	N10	W08	.232	11895	30.6	66	-N	3 C		.99			D
ABST	31	0539	0744	0614	N11	W09	.256	11895	30.6	125	-N	C	0614	1.80	1.90		FUZ
ABST	31	0540	0744	0615	N07	W07	.182	11895	30.7	124	-N	C	0615	1.89	1.90		EZ

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OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS	
	DATE 1972 MAY	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 _g		MAX. INT. %
GRP43905	01	0658	0708	0658	S06	E68	.925	11848	6.4	10	-N							2 2 2 6
ATHN	01	0657E	0700D	0657	S04	E65	.905	11848	6.2	3D	-N	2	C					D
CANR	01	0658	0708	0659	S07	E70	.938	11848	6.5	10	-N	1	V	0659	.25	.50		
906 LOCK	01	1740	1751	1746	S09	E82	.989	11856	7.9	11	-F		C					4
909 ATHN	02	0953	1001	0955	S21	W50	.781	11852	28.7	8	-F	2	C		.17			D
910 ATHN	02	1134	1143	1136	N04	W51	.784	11837	28.7	9	-F	2	C		.17			D
GRP43911	02	1424	1439	1425	S17	E85	.995	11856	9.0	15	-N							2 2 0 8
ATHN	02	1424E	1435	1425	S14	E86	.996	11856	9.0	11D	-N	1	C					D
CAPS	02	1428E	1443		S20	E84	.992	11856	8.9	15D	-N	3	V	1431			(170)	CD
GRP43914	03	0508	0522	0510	S07	E42	.668	11848	6.4	14	-F				.63			2 2 2 6
MANI	03	0508E	0526	0511	S07	E41	.655	11848	6.3	18D	-F	2		0511	.93	1.23		D
ATHN	03	0508E	0518	0508	S06	E43	.680	11848	6.4	10D	-F	2	C		.33			D
922 ATHN	04	0454	0514	0456	S15	E63	.890	11856	8.9	20	-F	2	C		.17			5
923 ATHN	04	0454	0514	0507	S15	E63	.890	11856	8.9	20	-F	2	C		.33			D
925 CAPS	04	1154E	1205		S17	E60	.868	11856	9.0	11D	-F	2	V	1154	.20		(150)	C
926 CAPS	04	1206	1216		S16	E59	.859	11856	8.9	10	-N	2	V	1206	.20	.40	(160)	4
929 MANI	04	2331	2342	2333	S17	E52	.795	11856	8.9	11	-F	2		2333	.21	.33		4
930 MANI	05	0206E	0223	0210	S16	E51	.783	11856	8.9	17D	-F	2		0210	.31	.49		4
938 ATHN	05	1234	1254	1242	S15	E05	.212	11848	5.9	20	-N	3	C		.66			F
940 ATHN	05	1307	1315	1308	S18	E45	.722	11856	8.9	8	-F	2	C		.17			D
941 RAMY	05	1327E	1343	1327	N18	E44	.749	11857	8.9	16D	1F	3	C		2.17			FS
942 RAMY	05	1340E	1356	1342	N20	E80	.990	11863	11.6	16D	-F	3	C		.31			D
944 ATHN	05	1557	1613	1559	N12	E90	1.000	11871	12.4	16	-N	2	C					D
950 CULG	06	0026	0355		S20	E30	.552	11856	8.3	209	2F		P	0128	4.64	5.40		S
953 CAPS	06	1420E	1432D		S17	E33	.574	11856	9.1	12D	-F	1	V	1420	.30	.40	(147)	C
954 CAPS	06	1428E	1437D		N07	E32	.554	11862	9.0	9D	-F	1	V	1429	.30	.30	(142)	CH
955 HUAN	06	1459E	1516D		S17	E31	.548	11856	8.9	17D	-N	1	P	1510	.31	.38		CT
956 CAPS	06	1522E	1523D		S17	E31	.548	11856	9.0	1D	-F	1	S	1523	1.00	1.20	(153)	C
957 HUAN	06	1618	1620D		N06	E29	.508	11862	8.9	2D	-F	1	P	1619	.21	.24		D
958 RAMY	06	1619	1625	1620	N16	E30	.582	11857	8.9	6	-F	3	C		.19			D
959 HUAN	06	1803	1807	1804	N06	E28	.494	11862	8.9	4	-N	2	C	1804	.21	.24		D
960 TEHR	07	0330E	0349	0331	S15	E24	.442	11856	8.9	19D	-F	3	C		.09			F
961 CAPS	07	0741E	0756D		S19	E20	.421	11856	8.8	15D	-F	3	V	0742	.30	.30	(157)	6
963 ATHN	07	1253E	1254D	1253	N13	E20	.436	11857	9.0	1D	-F	2	C		.33			D
GRP43970	08	1001	1010	1006	S14	E19	.367	11879	9.8	9	-F				.25			2 2 2 7
HTPR	08	1001	1010	1005	S15	E20	.388	11879	9.9	9	-F		C	1005	.21	.20		F
TEHR	08	1004E	1009	1006	S12	E17	.323	11879	9.7	5D	-F	2	C		.28			
971 CATA	08	1150E	1205D	1150	N13	E08	.314	11857	9.1	15D	-N		P	1150	.40	.43	(151)	5
973 CAPS	08	1505E	1522D		S21	W05	.312	11856	8.3	17D	-N	1	S	1509	.40	.40	(166)	CH
975 RAMY	08	1537E	1619	1540	S16	E19	.383	11879	10.1	42D	-N	3	C		1.13			D
976 LOCK	08	1550	1645	1615	S07	E82	.989	11870	14.8	55	-F		C					9
977 ATHN	08	1607E	1616D	1607	N19	E05	.391	11857	9.0	9D	-N	2	C		.66			F
978 LOCK	08	1710	1750	1730	S07	E82	.989	11870	14.9	40	-F		C					4
982 LOCK	08	2300	2330	2312	S07	E82	.989	11870	15.1	30	-F		C					4

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS				
	DATE 1972 MAY	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. %			
984 ATHN	09	0517E	0524	0519	S08	E82	.989	11870	15.4	70	-F	3	C	.33				D	4		
986 MANI	09	0628E	0640	0630	S07	E82	.989	11870	15.4	120	-F	2		0630	.31	.83			4		
988 CATA	09	0805E	0830	0810	N18	W05	.373	11857	9.0	250	-N		P	0810	.69	.74	(164)		9		
991 ATHN	09	1102E	1107	1102	S05	W39	.628	11848	6.5	50	-F	1	C	.33				D	4		
994 ARCE	09	1440E	1445D		N18	W05	.373	11857	9.2	50	-F		C	1440	.17	.20		K	9		
995 CAPS	09	1535E	1537D		N15	E03	.319	11869	9.9	20	-F	1	S	1535	.60	.60	(155)		6		
GRP43996	09	1536	1543	1536	N17	W07	.366	11857	9.1	7	-F				.28			2	2	2	7
CATA	09	1535E	1540D	1535	N17	W07	.366	11857	9.1	50	-N		P	1535	.34	.37	(195)				
MCMA	09	1536	1543	1537	N17	W06	.362	11857	9.2	7	-F		C	1537	.21	.20		D			
004 LOCK	10	0025	0034	0028	N18	W12	.412	11857	9.1	9	-F		C						6		
005 MANI	10	0244	0257	0248	N14	W17	.409	11857	8.8	13	-N	2		0248	.21	.23			3		
007 PALE	10	0302	0312D	0310	N11	W11	.308	11857	9.3	100	-N	2	C		.36			F	4		
008 MANI	10	0438	0445	0440	S07	E66	.912	11870	15.1	7	-F	1		0440	.21	.41			4		
009 MANI	10	0453E	0458	0455	S09	E66	.912	11870	15.2	50	-F	1		0455	.52	1.04			4		
GRP44010	10	0620	0639	0623	N18	W17	.455	11857	9.0	19	-F				.37			2	2	2	7
MANI	10	0620E	0625	0620	N18	W16	.445	11857	9.1	50	-F	1		0620	.41	.46					
ATHN	10	0620E	0653	0626	N18	W18	.464	11857	8.9	330	-N	3	C		.33			D			
013 ISTA	10	0750	0815		S06	E68	.926	11870	15.4	25	-N								E	8	
014 ATHN	10	0820	0835	0825	N18	W19	.474	11857	8.9	15	-F	3	C		.50				D	9	
GRP44015	10	0938	0946	(0941)	N08	E45	.723	11871	13.8	8	-F				.35			2	2	1	9
ISTA	10	0935	0945		N07	E44	.708	11871	13.7	10	-F							D			
CANR	10	0941	0947		N08	E45	.723	11871	13.8	6	-F	3	V	0941	.35	.50					
017 CANR	10	1104	1125	1109	S06	E45	.706	11871	13.8	21	-N	2	C	1109	.65	.92			10		
020 HTPR	10	1139	1230	1154	N16	W22	.485	11857	8.8	51	-F		C	1154	.21	.20			7		
021 CAPS	10	1209E	1225D		S07	E68	.926	11870	15.6	160	-F	1	S	1209	.29		(157)		7		
022 HTPR	10	1230	1243	1239	N19	W17	.467	11857	9.2	13	-F		C	1239	.41	.40			6		
023 CAPS	10	1307E	1316D		N17	W15	.424	11857	9.4	90	-F	1	S	1307	.30	.30	(157)		8		
GRP44024	10	1405	1420	1410	N19	W16	.458	11857	9.4	15	-F				.17			2	2	2	8
ARCE	10	1405	1420D	1410	N19	W18	.476	11857	9.2	150	-F		C	1410	.13	.13					
CAPS	10	1409E	1409D		N19	W13	.433	11857	9.6		-F	1	S	1409	.20		(157)				
025 MCMA	10	1419	1433	1424	S06	E63	.890	11870	15.3	14	-F		C	1424	.26	.60		D	10		
GRP44026	10	1442	1458	1444	N19	W19	.486	11857	9.2	16	-F				.31			2	1	1	11
HUAN	10	1442	1458	1444U	N19	W19	.486	11857	9.2	16	-F	1	C	1444	.31	.35		ET			
ARCE	10	1450E	1500D		N17	W20	.474	11857	9.1	100	-F		P	1500	.65	.70					
035 CATA	11	0650	0705	0655	N16	W29	.566	11857	9.1	15	-N		C	0655	.46	.57	(158)		6		
038 TELV	11	0825	0830	0829	N15	W24	.498	11857	9.6	5	-N								8		
039 ARCE	11	0840E	0854D		S06	E90	1.000	11876	18.1	140	-N		C	0850	.13			T	9		
040 MANI	11	0908	0920	0910	N18	W29	.581	11857	9.2	12	-F	2		0910	.52	.64			6		
042 CAPS	11	1405E	1407D		S07	E50	.765	11870	15.3	20	-N	1	S	1405	.30	.50	(160)	D	8		
043 TELV	11	1410E	1410		N17	W57	.864	11851	7.3		-N								8		
044 MCMA	11	1411	1430D	1412	S15	W37	.620	11856	8.8	190	-N		C	1412	.41	.50		E	7		
046 ATHN	11	1612E	1622	1614	N22	W37	.695	11857	8.9	100	-F	2	C		.33				D	5	
048 LOCK	11	1723	1730	1725	S09	E82	.989	11876	17.9	7	-F		C					H	6		
050 RAMY	11	1845	1854	1847	S10	E45	.709	11870	15.2	9	-F	2	C		.21			D	4		
055 MANI	12	0010E	0024	0010	S10	W42	.673	11856	8.9	140	-N	2		0010	.31	.42			6		

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OBSERVATORY	OBSERVED UT			LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS	
	DATE 1972 MAY	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH FLAGE REGION				CMP DAY	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α		MAX. INT. %
056 MANI	12	0025	0054	0032	S09	E46	.721	11870	15.5	29	-N	2	0032	.52	.75			6
058 MANI	12	0312	0335	0319	N18	W40	.703	11857	9.1	23	-N	2	0319	1.03	1.49			4
063 ATHN	12	0652E	0658	0653	S03	E80	.984	11876	18.3	60	-F	3		.33				D 7
GRP44065	12	0728	0739	0731	S05	E80	.984	11876	18.3	11	-N			.27				2 2 2 9
ATHN	12	0728	0739	0731	S03	E80	.984	11876	18.3	11	-N	2		.33				D
CAPS	12	0730E	0738		S06	E80	.984	11876	18.3	80	-N	4	0730	.20			(170)	
GRP44066	12	0732	0742	0732	S25	W60	.880	11868	7.8	10	-F			.37				2 2 2 9
ATHN	12	0730E	0742	0732	S24	W59	.871	11868	7.9	120	-F	2		.33				D
CAPS	12	0733	0742D		S25	W60	.880	11868	7.8	90	-F	4	0735	.40	.80		(150)	
069 ARCE	12	0800E	0820D		S15	W46	.730	11856	8.9	200	-F		0800	.59	.80			B 9
070 CAPS	12	0847E	0900D		N08	E90	1.000	11882	19.1	130	-N	4						10
074 ATHN	12	1035E	1045	1036	N20	W45	.764	11857	9.1	100	-N	3		.50				F 4
075 ATHN	12	1119E	1139	1121	N17	W51	.811	11857	8.6	200	-N	3		.33				D 7
076 ATHN	12	1132E	1142	1134	S03	E78	.978	11876	18.3	100	-F	3		.33				D 7
GRP44077	12	1135	1200	(1135)	S07	E39	.630	11870	15.4	25	-F			.31				2 2 2 7
MCMA	12	1133	1215	1134	S06	E38	.616	11870	15.3	42	-N		1134	.41	.50			E
CAPS	12	1136	1144		S07	E40	.643	11870	15.5	8	-F	4	1136	.20	.30		(157)	
078 ATHN	12	1157E	1209	1158	S07	W28	.472	11879	10.4	120	-F	3		.50				D 9
079 ATHN	12	1229E	1238	1229	N17	W46	.762	11857	9.1	90	-N	2		.33				D 7
080 ATHN	12	1243E	1300	1245	S09	E87	.998	11876	19.1	170	-N	2						D 8
082 CAPS	12	1306	1327D		S16	W45	.721	11856	9.2	210	-F	1	1306	.50	.70		(157)	9
083 ATHN	12	1339	1350	1341	S07	E37	.603	11870	15.3	11	-F	2		.33				DZ 6
084 ATHN	12	1404E	1410	1405	N06	E24	.432	11871	14.4	60	-F	2		.33				D 6
085 CAPS	12	1422E	1432D		N16	W45	.748	11857	9.2	100	-N	1	1422	.40	.60		(166)	9
GRP44086	12	1422	1440	1424	S07	E38	.616	11870	15.4	18	-N			.67				2 2 2 9
ATHN	12	1422E	1437	1424	S07	E37	.603	11870	15.4	150	-N	2		.33				D
CAPS	12	1428E	1443D		S07	E38	.616	11870	15.5	150	-N	1	1428	1.00	1.40		(161)	CD
087 CAPS	12	1504E	1508D		N16	W48	.778	11857	9.0	40	-F	1	1504	.30	.40		(150)	8
088 CAPS	12	1526E	1530D		N20	W40	.713	11857	9.6	40	-F	1	1526	.30	.40		(157)	C 8
089 LOCK	12	1610	1618	1614	N14	E81	.990	11881	18.7	8	-F							8
GRP44090	12	1632	1640	1640	N19	W46	.769	11857	9.2	8	-N			.30				2 1 1 8
CANR	12	1632	1640		N19	W46	.769	11857	9.2	8	-N	2	1632	.30	.30			
LOCK	12	1637	1650	1640	N10	W55	.832	11857	8.6	13	-F							
091 LOCK	12	1753	1820	1802	S13	E82	.989	11876	18.9	27	-N							5
095 LOCK	12	1955	2003	1958	S10	E79	.980	11876	18.8	8	-F							4
098 CAPS	13	0702E	0725D		S08	E25	.429	11870	15.2	230	-F	1	0712	1.60	1.80		(153)	CH 6
099 CATA	13	0715	0735	0715	S16	W58	.852	11856	9.0	20	1N		0715	1.86	3.50		(155)	6
101 ISTA	13	0935	0947		S14	E90	1.000	11883	20.1	12	-F							D 6
102 CAPS	13	1015E	1035D		N15	W61	.891	11857	8.9	200	-N	1	1015	.20			(161)	C 6
104 CATA	13	1120	1130	1125	N20	W55	.854	11857	9.3	10	-F		1125	.29	.56		(144)	5
105 CAPS	13	1407E	1411D		S18	E90	1.000	11883	20.3	40	-N	1						5
114 LOCK	13	1944	1956	1950	S05	E61	.874	11876	18.4	12	-F							4
119 MANI	14	0215	0240	0220	S09	E14	.263	11870	15.1	25	-N	2	0220	.41	.43			4
121 ATHN	14	0412E	0423	0413	S06	E12	.214	11870	15.1	110	-N	2		.66				D 4
122 ATHN	14	0504E	0508	0504	S04	E56	.828	11876	18.4	40	-F	3		.33				D 5

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS			
	DATE 1972 MAY	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. %		
123	ATHN	14	0528	0540	0529	N13	E16	.381	11874	15.4	12	-F	1		.33					4
124	ATHN	14	0545	0548D	0548	S03	E53	.798	11876	18.2	3D	-N	1							4
126	ARCE	14	0817E	0835D		N13	E15	.370	11874	15.5	18D	-F	C	0823	.23	.50				8
127	ARCE	14	0817E	0850D		S12	E82	.989	11883	20.5	33D	-N	C	0832	.36					7
128	ARCE	14	0835E	0850D		S03	E50	.765	11876	18.1	15D	-F	C	0844	.13	.20				7
129	ISTA	14	0920	0932		S13	E80	.984	11883	20.4	12	-N								6
GRP44133		14	1229	1240	1232	N13	E14	.359	11874	15.6	11	-F			.36				2 2 2	6
CANR		14	1229	1238		N13	E13	.349	11874	15.5	9	-F	3 V	1231	.25	.30				
RAMY		14	1229	1241	1232	N12	E14	.347	11874	15.6	12	-F	2 C		.46				D	
135	RAMY	14	1300	1309	1302	S08	E10	.195	11870	15.3	9	-F	2 C		.46				D	6
137	CANR	14	1443	1454		N22	W73	.968	11857	9.1	11	-N	3 V	1445	.30	.70				3
139	BOUL	14	1541	1555	1543	S12	E37	.613	11875	17.4	14	-F	3 V							7
GRP44140		14	1745	1818	1750	S13	E81	.987	11883	20.8	33	-F			.62				2 2 2	7
HUAN		14	1744	1805D		S14	E82	.989	11883	20.9	21D	-N	1 P	1759	.31				T	
RAMY		14	1745	1818	1750	S12	E79	.980	11883	20.7	33	-F	2 C		.93				D	
GRP44141		14	1810	1822	1815	N10	E28	.510	11880	16.9	12	-F			.15				2 2 1	7
LOCK		14	1810	1822	1815	N10	E28	.510	11880	16.9	12	-F	C							
MCMA		14	1813E	1817D		N10	E27	.497	11880	16.8	4D	-F	C	1815	.15	.20			D	
142	LOCK	14	1830	1850	1833	N14	E09	.326	11874	15.4	20	-F	C							4
148	HUAN	14	2032	2040	2034	S13	E78	.977	11883	20.7	8	-F	1 C	2034	.31					4
149	LOCK	14	2055	2110	2100	N07	W81	.989	11862	8.8	15	-F	C							4
150	LOCK	14	2150	2158	2153	S13	W44	.703	10000	11.6	8	-F	C							4
151	LOCK	14	2152	2156	2154	S07	E38	.617	11876	17.8	4	-F	C							4
153	LOCK	14	2235	2243	2237	S15	E74	.960	11883	20.5	8	-F	C							4
GRP44155		15	0036	0100	0043	S16	W84	.994	11856	8.7	24	-F			.41				2 2 1	6
BOUL		15	0036	0100	0043	S14	W84	.994	11856	8.7	24	-N	3 V							
PALE		15	0043E	0045D	0043	S17	W84	.994	11856	8.7	2D	-F	2 C		.41				F	
156	PALE	15	0043E	0045D	0043	N12	E25	.483	11880	16.9	2D	-N	2 C		.31					6
159	ATHN	15	0436E	0446	0436	N16	W08	.347	11872	14.6	10D	-N	2 C						OZ	4
160	ATHN	15	0521E	0526	0522	N12	E03	.259	11874	15.4	5D	-F	3 C		.33				OZ	4
161	MANI	15	0521	0535	0523	S05	E42	.669	11876	18.4	14	-N	2	0523	.31	.42				4
164	ATHN	15	0541	0557	0549	S08	W05	.127	11870	14.9	16	-N	3 C		.83				F	4
167	ATHN	15	0557	0603	0559	N12	E03	.259	11874	15.5	6	-F	3 C		.17				D	5
171	ATHN	15	0740E	0808D	0743	N05	W05	.159	11874	14.9	28D	-B	3 C		.83				F	9
GRP44172		15	0811	0834	0817	S06	W04	.090	11870	15.0	23	-F			.67				2 2 2	9
ARCE		15	0807E	0842D		S07	W03	.091	11870	15.1	35D	-F	C	0807	.83	.80				
ATHN		15	0815	0826	0817	S05	W05	.096	11870	15.0	11	-N	3 C		.50				F	
174	ARCE	15	0906E	0911D		N16	E70	.949	11882	20.6	5D	-N	P	0906	.17				H	7
175	CAPS	15	1012	1032D		S05	W40	.642	10000	12.4	20D	-N	2 V	1014	.50	.60	(166)		F	4
178	ISTA	15	1036	1042		S14	W90	1.000	11856	8.7	6	-F							G	4
GRP44184		15	1335	1347	1340	S04	E38	.615	11876	18.4	12	-N			.41				1 1 1	5
RAMY		15	1335	1346D	1340	S04	E38	.615	11876	18.4	11D	-F	2 C		.37				D	
RAMY		15	1339E	1347D	1340	S04	E38	.615	11876	18.4	8D	-N	2 C		.41				D	
187	RAMY	15	1445	1452	1447	S14	E70	.939	11883	20.9	7	-N	2 C		.37				D	6
190	LOCK	15	1610	1622	1615	S05	W11	.194	11870	14.8	12	-F	C							4
191	LOCK	15	1625	1632	1628	S14	E68	.927	11883	20.8	7	-F	C							4

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OBSERVATORY	OBSERVED UT			LOCATION				DURATION MIN.	IM-POR-TANCE	OBS. COND.	OBS. TYPE	MEASUREMENTS					REMARKS
	DATE 1972 MAY	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.	
201 LOCK	15	2120	2127	2122	S04	E32	.529 11876	18.3	7	-F	C						4
204 PALE	15	2321	2333	2330	S12	E66	.913 11883	20.9	12	-N	2 C		.31				4
206 PALE	15	2328	2333	2330	S12	E66	.913 11883	20.9	5	-N	2 C		.31				4
210 MANI	16	0135	0137	0137	S14	E62	.885 11883	20.7	2	-N	2	0137	.93	1.77			5
GRP44216	16	0437	0500	0444	S15	E58	.852 11883	20.5	23	-N			.37				2 2 2 6
MANI	16	0437E	0453	0441	S15	E61	.878 11883	20.8	16D	-N	2	0441	.41	.78			D
ATHN	16	0445E	0506	0447	S14	E54	.814 11883	20.2	21D	-N	3 C		.33				D
GRP44217	16	0615	0627	0617	N15	E57	.858 11882	20.5	12	-N			.32				2 2 2 6
ATHN	16	0615	0626	0617	N15	E57	.858 11882	20.5	11	-N	3 C		.33				D
MANI	16	0616E	0627	0617	N15	E57	.858 11882	20.5	11D	-N	1	0617	.31	.56			D
218 ATHN	16	0651E	0702	0652	N14	E58	.864 11882	20.6	11D	-F	3 C		.33				D 6
219 ATHN	16	0653	0823	0655	S07	W18	.317 11870	14.9	90	-N	3 C		.50				D 6
220 ATHN	16	0708E	0721	0709	S06	W18	.314 11870	14.9	13D	-F	3 C		.50				D 9
221 ATHN	16	0712E	0721	0713	S19	W90	1.000 11856	9.5	9D	-N	3 C						D 9
222 ATHN	16	0741	0750	0743	S04	W14	.243 11870	15.3	9	-F	3 C		.33				DH 9
223 KIEV	16	0856	0910	0857	S04	E26	.438 11876	18.3	14	-N	C	0857	1.55	1.70		60	DI 8
GRP44224	16	0900	0908	0900	S08	W18	.321 11870	15.0	8	-F			.69				2 2 1 9
CATA	16	0900	0905	0900	S07	W19	.333 11870	15.0	5	-N	C	0900	.69	.73		(174)	D
ISTA	16	0900	0910		S08	W17	.305 11870	15.1	10	-F							D
226 TEHR	16	1107E	1110	1107	S05	E25	.424 11876	18.3	3D	-N	3 C		.09				D 6
GRP44227	16	1213	1244	(1223)	N10	E56	.840 11882	20.7	31	-F			.31				2 2 2 10
HUAN	16	1213	1223D		N10	E56	.840 11882	20.7	10D	-F	1 C	1221	.21	.38			D
CAPS	16	1223E	1244D		N09	E56	.839 11882	20.7	21D	-N	3 V	1224	.40	.70		(182)	C
228 HUAN	16	1254	1302	1259	S04	W22	.375 11870	14.9	8	-F	2 C	1259	.26	.28			D 7
230 TEHR	16	1344E	1350	1344	S04	E21	.359 11876	18.1	6D	-N	4 C		.09				D 8
232 RAMY	16	1353E	1400	1354	S11	E50	.769 11883	20.3	7D	-N	4 C		.26				D 7
GRP44234	16	1418	1428	1419	S07	W21	.365 11870	15.0	10	-F			.52				2 2 2 9
MCMA	16	1417E	1430D		S07	W19	.333 11870	15.2	13D	-F	C	1419	.72	.80			E
HUAN	16	1418	1425	1419	S06	W23	.394 11870	14.9	7	-F	2 C	1419	.31	.34			D
237 HUAN	16	1531	1535	1532	S17	E54	.818 11883	20.7	4	-F	2 C	1532	.31	.53			T 6
239 HUAN	16	1624	1627	1625	S17	E53	.809 11883	20.7	3	-F	1 C	1625	.21	.35			D 6
249 HUAN	16	2143	2151	2144	N16	E50	.796 11882	20.7	8	-F	2 C	2144	.36	.60			5
250 LOCK	16	2249	2307	2252	S04	E19	.326 11876	18.4	18	-F	C						4
251 LOCK	17	0012	0024	0015	S06	W29	.487 11870	14.8	12	-F	C						4
256 PALE	17	0222	0230	0223	S04	W29	.485 11870	14.9	8	-F	2 C		.27				F 5
257 PALE	17	0239	0251	0244	S06	W26	.441 11870	15.2	12	-F	2 C		.19				7
258 KODA	17	0305	0346	0315	S15	E44	.709 11883	20.4	41	1B	C	0321	4.72	4.70	2.20		I 7
261 MANI	17	0432	0453	0434	S06	W31	.517 11870	14.9	21	-F	2	0434	.41	.48			7
GRP44264	17	0553	0603	0558	N15	E43	.719 11882	20.5	10	-F			.67				2 2 2 7
HTPR	17	0537	0550	0540	N15	E41	.697 11882	20.3	13	-F	C	0540	.31	.40			E
HTPR	17	0548	0603	0558	N16	E42	.712 11882	20.4	15	-F	C	0558	.41	.50			D
MITK	17	0557	0603	0558	N14	E44	.727 11882	20.5	6	-N	C	0558	.93	1.40			D
267 TELV	17	0745	0756	0747	S07	E08	.159 11876	17.9	11	-N							10
268 ATHN	17	0901	0907	0903	N12	E42	.697 11882	20.5	6	-N	3 C		.33				D 10
269 ATHN	17	0919	0927	0921	N15	E45	.741 11882	20.8	8	-N	3 C		.50				F 9
270 ATHN	17	1033E	1038	1034	S16	E35	.602 11883	20.1	5D	-F	3 C		.33				D 9

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OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS						
	DATE 1972 MAY	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. %							
271	ATHN	17	1054E	1102	1055	S04	W37	.601	11870	14.7	8D	-F	3	C	.33					D	8		
273	TELV	17	1250	1335		N05	E03	.140	11876	17.8	45	1F									10		
274	ATHN	17	1459	1518	1501	N09	E42	.687	11882	20.8	19	-N	3	C	.33					D	7		
277	LOCK	17	1800	1815	1805	S04	W38	.615	11870	14.9	15	-F		C							4		
279	LOCK	17	1907	1913	1910	S03	E03	.053	11876	18.0	6	-F		C							4		
281	HUAN	17	1924	1931	1925	N15	E35	.627	11882	20.4	7	-F	1	C	1925	.15	.20			D	4		
282	HUAN	17	1931	1935	1931	N14	E37	.645	11882	20.6	4	-F	1	C	1931	.36	.47			E	4		
284	MCMA	17	1949	2015D	1956	N16	E36	.644	11882	20.5	26D	-F		C	1956	.26	.40			OL	4		
286	LOCK	17	2032	2045	2036	S16	E37	.627	11883	20.6	13	-F		C							4		
287	LOCK	17	2055	2114	2100	S16	E37	.627	11883	20.6	19	-F		C							5		
289	MCMA	17	2145E	2200D		N16	E34	.620	11882	20.5	15D	-F		C	2150	.41	.60			D	6		
290	LOCK	17	2206	2212	2209	N11	E35	.606	11882	20.5	6	-F		C							4		
292	LOCK	17	2326	2335	2330	S15	E33	.572	11883	20.5	9	-F		C							4		
293	PALE	18	0027	0037	0028	S16	E33	.577	11883	20.5	10	-F	3	C		.17				F	6		
294	MANI	18	0126	0133	0133	S16	E33	.577	11883	20.5	7	-F	2		0133	.41	.50				4		
295	KODA	18	0140	0144D		S16	E33	.577	11883	20.5	4D	-B		P	0144	1.23	1.20			E	5		
297	MANI	18	0410	0425	0416	S15	E30	.533	11883	20.4	15	-N	2		0416	.21	.25				7		
298	ATHN	18	0526	0536	0530	S16	E31	.551	11883	20.6	10	-F	2	C		.50				D	5		
300	MANI	18	0559E	0620	0601	S15	E31	.546	11883	20.6	21D	-F	2		0601	.41	.49				6		
302	ATHN	18	1108	1120	1109	S15	E25	.465	11883	20.3	12	-F	3	C		.50				D	5		
305	TELV	18	1241	1302	1245	S12	E13	.277	11876	19.5	21	-F									8		
4 STATIONS REPORTING GROUP 44306. 3 STATIONS OBSERVING AND NOT REPORTING.																							
GRP44306	18	1253	1324	1254		S15	E27	.492	11883	20.6	31	-N				.41				2	2	2	6
MCMA	18	1252	1323	1254		S16	E25	.472	11883	20.4	31	-N		C	1254	.41	.50			E			
CAPS	18	1254	1324D			S14	E28	.500	11883	20.6	30D	-N	3	V	1255	.40	.50	(182)					
44306	18	1303	1320	1311		S15	E25	.465	11883	20.4	17	*-F				.50				2	2	2	7
BOUL	18	1300	1322	1309		S13	E26	.467	11883	20.5	22	-F	2	V	1309	.50	.50			D			
ATHN	18	1305	1318	1312		S17	E24	.466	11883	20.3	13	-F	3	C		.50							
GRP44307	18	1309	1340	1315		N13	E28	.526	11882	20.6	31	-F				.40				2	2	2	8
CAPS	18	1308	1320D			N12	E29	.533	11882	20.7	12D	-F	3	V	1308	.30	.40	(157)					
BOUL	18	1309	1340	1315		N14	E27	.520	11882	20.6	31	-N	2	V	1315	.50	.50						
311	ATHN	18	1445	1450D	1446	S03	W06	.105	11876	18.2	5D	-F	2	C		.50				D		7	
GRP44326	19	0303	0313	0307		S16	E20	.407	11883	20.6	10	-N				.82				2	2	2	6
MANI	19	0303	0310	0307		S15	E20	.399	11883	20.6	7	-N	2		0307	1.03	1.12						
CRON	19	0303E	0316	0306		S16	E19	.394	11883	20.6	13D	-N	3	V	0306	.60							
327	MANI	19	0343	0344	0344	N16	E18	.430	11882	20.5	1	-N	2		0344	.31	.34					5	
GRP44328	19	0346	0422	0348		S16	E21	.420	11883	20.7	36	-N				1.77				2	1	1	6
KODA	19	0346	0422	0348		S16	E21	.420	11883	20.7	36	-N		V	0346	1.77	1.80	1.60		E			
CRON	19	0408E	0418	0408U		S16	E20	.407	11883	20.7	10D	-N	3	V	0408	.35							
330	ABST	19	0509E	0523	0513	N15	E18	.419	11882	20.6	14D	-F		P	0513	.99	1.10			DZ		4	
GRP44331	19	0555	0630	(0610)		N16	E18	.430	11882	20.6	35	-F				.39				2	2	2	8
CRIM	19	0555E	0628D			N16	E18	.430	11882	20.6	33D	-F		P	0610	.36	.40			D			
HTPR	19	0604E	0630			N16	E18	.430	11882	20.6	26D	-F		C	0610	.41	.40			E			
332	HTPR	19	0649	0720	0651	N16	E18	.430	11882	20.6	31	-F		C	0651	.41	.40					8	
333	CAPS	19	0816	0844D		N13	E19	.411	11882	20.8	28D	-N	1	V	0820	.70	.80	(166)				11	
338	MCMA	19	1455	1520	1458	S18	E13	.347	11883	20.6	25	-N		C	1458	.21	.20			D		6	

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OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS	
	DATE 1972 MAY	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 Hc		
346 KODA	20	0303	0316	0307	S16	E03	.245 11883	20.4	13	-N	V	0309	.99	1.00	1.68	E	5
GRP44347	20	0308	0455	0356	N13	E06	.280 11882	20.6	107	-F			1.01			2 2 2	6
KODA	20	0308	0428	0358	N14	E08	.308 11882	20.7	80	-N	V	0322	1.68	1.70	1.72		
ATHN	20	0352	0522	0354	N12	E04	.253 11882	20.5	90	-F	1 C		.33			D	
348 ATHN	20	0506	0514	0508	S08	W68	.927 11870	15.1	8	-F	3 C		.33			D	6
352 ATHN	20	1308	1319	1310	S17	W02	.259 11883	20.4	11	-F	3 C		.33			D	5
353 ATHN	20	1401	1417	1403	S13	W07	.223 11883	20.1	16	-F	2 C		.33			D	7
354 ATHN	20	1513	1529	1514	S13	W07	.223 11883	20.1	16	-F	2 C		.33			D	6
355 ATHN	20	1533	1542	1536	N13	W01	.261 11882	20.6	9	-F	1 C		.33			D	6
358 HUAN	20	1827	1833D		S13	W09	.243 11883	20.1	6D	-F	1 P	1832	.26	.27		D	4
361 ATHN	21	0507	0520	0510	S07	W85	.996 11870	14.8	13	-F	2 C		.33			D	6
362 ATHN	21	0908	0933	0911	S04	W88	.999 11870	14.8	25	-N	2 C		.17			D	11
GRP44363	21	0930	0940	0931	S16	W16	.360 11883	20.2	10	-F			.34			2 2 2	11
CATA	21	0930	0940	0930	S16	W15	.348 11883	20.3	10	-N	C	0930	.34	.37	(164)	T	
ATHN	21	0930	0940	0931	S16	W16	.360 11883	20.2	10	-F	3 C		.33			D	
364 CANR	21	1040	1055		S05	W85	.996 11870	15.1	15	-N	2 V	1040	.10	.30			7
365 TELV	21	1350	1410	1355	S09	W05	.149 11883	21.2	20	-N							8
366 ATHN	21	1432	1444	1434	S16	W14	.336 11883	20.6	12	-F	2 C		.33			D	6
367 LOCK	21	1645	1655	1649	S07	W82	.990 11870	15.5	10	-F	C						6
368 LOCK	21	1700	1728	1712	N13	W17	.384 11882	20.4	28	-F	C						6
369 LOCK	21	1817	1821	1819	S09	W18	.329 11883	20.4	4	-F	C						5
371 BOUL	21	1949	1954	1950	S03	W53	.798 11876	17.9	5	-F	2 V	1950	.30	.50			4
373 MANI	21	2307E	2315	2309	S09	W22	.390 11883	20.3	8D	-N	2	2309	.41	.45			3
GRP44374	22	0401	0407	0403	S16	W24	.462 11883	20.4	6	-F			.24			2 2 2	8
MANI	22	0401	0405	0402	S16	W23	.449 11883	20.4	4	-F	2	0402	.31	.34			
ATHN	22	0403E	0408	0404	S16	W25	.475 11883	20.3	5D	-F	2 C		.17			D	
375 ATHN	22	0614E	0622	0615	S02	W62	.883 11876	17.6	8D	-N	3 C		.33			D	11
GRP44376	22	1219	1237	1226	N15	W30	.561 11882	20.3	18	-F			.22			2 2 2	12
MONT	22	1219	1237D	1224	N13	W30	.549 11882	20.3	18D	-F	C	1224	.10				
ATHN	22	1225E	1237	1227	N17	W29	.563 11882	20.3	12D	-F	3 C		.33			D	
GRP44377	22	1240	1340	1245	N14	W30	.555 11882	20.3	60	-N			.58			2 1 1	12
CATA	22	1240	1340	1245	N14	W30	.555 11882	20.3	60	-N	C	1245	.58	.70	(170)	T	
ARCE	22	1300E	1335D		N10	W29	.518 11882	20.4	35D	-F	C	1315	.61	.70			
378 LOCK	22	1620	1635	1627	S04	W69	.933 11876	17.5	15	-F	C						4
380 LOCK	22	1930	2005	1950	N15	W69	.941 11880	17.6	35	-F	C						4
GRP44385	23	0845	0850	0845	S10	W42	.676 11883	20.2	5	-F			.15			2 2 1	15
ISTA	23	0844	0850		S09	W41	.662 11883	20.3	6	-F							
ARCE	23	0845	0850D	0845	S11	W42	.678 11883	20.2	5D	-N	C	0845	.15	.20		C.	
386 ATHN	23	1034E	1036D	1034	S08	W90	1.000 11875	16.7	20	-N	3 C					D	8
388 BOUL	23	1507E	1520	1509	S12	W35	.590 11883	21.0	13D	-F	3 V						11
389 HUAN	23	1646	1653		S12	W42	.680 11883	20.5	7	-F	1 C	1647	.21	.29		DT	7
390 HUAN	23	1713	1725		S12	W42	.680 11883	20.6	12	-F	1 C	1714	.15	.22		D	9
391 LOCK	23	1724	1805	1738	N10	W42	.688 11882	20.6	41	-F	C						8
392 LOCK	23	2259	2310	2303	S11	W51	.782 11883	20.1	11	-F	C						4
395 CRON	24	0050	0058		S05	W80	.984 11876	18.0	8	-N	2 V		.40				4
396 CRON	24	0634E	0644		S13	W63	.894 11876	19.5	10D	-F	3 V	0634	.75				6

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OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS	
	DATE	START	END	MAX. PHASE	APPROX. LAT.	CENTRAL MER. DIST.	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hg	MAX. INT. %		
398 CAPS	24	0657E	0710D		S07	W90	1.000	11876	17.5	13D	-N	V						8
401 HTPR	24	0830E	0910		S12	E85	.996	11909	30.7	40D	-F	C	0836	.41				A 11
403 CRON	24	0845	0907D	0849	N11	E55	.830	11893	28.5	22D	-N	2 C	0849	.43	.77			12
406 TEHR	24	1042	1054	1043	N09	E86	.998	11895	30.9	12	-N	2 C						F 9
407 TEHR	24	1132E	1138		U N08	E85	.997	11895	30.9	6D	-N	3 C						F 9
410 TEHR	24	1207	1211	1208	N08	E85	.997	11895	30.9	4	-N	3 C						F 11
GRP44412	24	1317	1405	1349	S14	W54	.817	11883	20.5	48	-N			.17				2 1 1 10
ARCE	24	1317E	1405D		S14	W54	.817	11883	20.5	48D	-N	C	1317	.17	.30			F
TEHR	24	1349E	1354	1349	S15	W56	.837	11883	20.4	5D	-N	2 C		.37				
GRP44414	24	1419	1427	1420	N15	W55	.838	11882	20.5	8	-F			.27				2 2 2 9
ARCE	24	1418	1428D	1419	N14	W54	.826	11882	20.5	10D	-F	C	1419	.33	.60			
HUAN	24	1419	1426	1420	N16	W56	.848	11882	20.4	7	-F	1 C	1420	.21	.38			
415 BOUL	24	1650	1658	1651	S11	W56	.832	11883	20.5	8	-F	3 V						6
416 HUAN	24	1701	1708	1703	S19	W46	.746	11883	21.3	7	-F	1 C	1703	.21	.31			D 6
418 BOUL	24	2219E	2233	2219U	N07	E80	.986	11895	30.9	14D	-N	2 V	2219	.30	.80			3
GRP44421	25	0612	0625	0613	N17	W62	.898	11882	20.6	13	-F			.48				2 2 2 7
ATHN	25	0612E	0625	0613	N17	W62	.898	11882	20.6	13D	-F	3 C		.66				D
ATHN	25	0612E	0625	0613	N17	W62	.898	11882	20.6	13D	-F	3 C		.66				D
CAPS	25	0613E	0624D		N16	W62	.896	11882	20.6	11D	-F	V	0616	.30		(152)		C
GRP44422	25	0709	0727	0711	N16	W64	.910	11882	20.5	18	-F			.73				2 2 2 9
ABST	25	0706	0734	0710	N17	W66	.925	11882	20.3	28	1F	P	0710	.99				EZ
TEHR	25	0712	0720	0712	N15	W61	.887	11882	20.7	8	-N	3 C		.46				F
GRP44424	25	0921	0934	0924	N15	W65	.916	11882	20.5	13	-F			.29				2 2 2 7
ARCE	25	0920E	0935D		N14	W66	.922	11882	20.4	15D	-N	C	0925	.30				F
TEHR	25	0922	0933	0924	N15	W63	.902	11882	20.7	11	-F	3 C		.28				
425 TELV	25	0950	1031	1011	S12	W83	.992	11876	19.2	41	1N							7
1 STATIONS REPORTING GROUP 44426. 7 STATIONS OBSERVING AND NOT REPORTING.																		
426 HTPR	25	1115	1135	1119	S15	W59	.864	11883	21.0	20	-F	C	1126	.10	.20			8
426 HTPR	25	1115	1135	1126	S15	W59	.864	11883	21.0	20	*-F							8
428 RAMY	25	1210	1226	1211	N11	E68	.932	11895	30.6	16	-F	3 C		.19				D 9
431 ARCE	25	1423E	1435D		S16	W55	.829	11883	21.5	12D	-N	C	1426	.39	.70			7
432 ARCE	25	1435E	1450D		S16	W66	.917	11883	20.7	15D	-N	C	1435	.13				7
434 PALE	25	1818	1831D	1821	N12	E64	.906	11895	30.6	13D	-F	2 C		.27				F 5
437 MCMA	25	1950	1955	1951	S13	W71	.946	11883	20.5	5	-F	C	1951	.21	.70			D 6
439 BOUL	25	2341	2347	2342	S18	W59	.867	11883	21.6	6	-F	2 V						3
440 MANI	26	0216	0236	0218	N07	E60	.870	11895	30.6	20	-N	2	0218	.21	.38			4
441 MANI	26	0544	0608	0556	N07	E59	.861	11895	30.7	24	-N	2	0556	.93	1.67			7
442 HTPR	26	0652	0721	0654	N08	E60	.871	11895	30.8	29	-F	C	0654	.21	.30			4
GRP44448	26	1625	1703	1654	N10	E53	.809	11895	30.7	38	-F			.87				2 2 2 8
RAMY	26	1625	1701	1650	N11	E53	.810	11895	30.7	36	-F	2 C		.84				
CANR	26	1655	1705	1657	N08	E53	.806	11895	30.7	10	-N	1 V	1658	.90	1.50			
449 BOUL	26	1722	1735	1724	N07	E55	.824	11895	30.8	13	-F	3 V						7
450 RAMY	26	1750E	1803	1751	N08	E54	.816	11895	30.8	13D	-F	2 C		.52				D 6
451 RAMY	26	1750E	1806	1757	N08	E53	.806	11895	30.7	16D	-F	2 C		.65				D 6
455 KODA	27	0247E	0320	0304	N09	E47	.742	11895	30.6	33D	2N	V	0315	5.29	5.30	1.80		I 7
456 ATHN	27	0549	0625	0552	N13	W90	1.000	11882	20.5	36	-N	3 C						D 7
457 ATHN	27	0649	0713	0654	N07	E51	.783	11895	31.1	24	-N	4 C		.50				D 6

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS		
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH FLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %			
458 ATHN	27	1129	1138	1132	S14	W90	1.000	11883	20.7	9	-N	3	C						D	5
459 HUAN	27	1244	1304		N10	E42	.686	11895	30.7	20	-F	2	C	1251	.21	.28			T	8
460 HUAN	27	1438	1459	1441D	N08	E47	.740	11895	31.1	21	-N	2	C	1441	.46	.68			ET	8
465 KODA	28	0142	0151		N08	E36	.602	11895	30.8	9	1B		P	0143	4.91	5.00				4
478 HUAN	28	1906	1916	1910	N10	E26	.472	11895	30.7	10	-F	2	C	1910	.41	.47			E	5
479 LOCK	28	1927	1936	1930	N10	E28	.500	11895	30.9	9	-F		C							4
483 MANI	29	0103	0113	0106	N10	E17	.345	11895	30.3	10	-F	1		0106	.31	.33				3
484 MANI	29	0604E	0616	0605	N21	W52	.823	11903	25.4	12D	-N	1		0605	.41	.69				7
GRP44485	29	0605	0620	0615	N10	E20	.387	11895	30.8	15	-N				1.03				1 1 1	6
MANI	29	0605	0620	0615	N10	E20	.387	11895	30.8	15	-N	1		0615	1.03	1.12				
MANI	29	0605	0620	0610	N10	E20	.387	11895	30.8	15	-N				.83	.90				
486 CAPS	29	0622	0642		N10	E18	.359	11895	30.6	20	-N		V	0623	.50	.60		(171)	I	5
487 HTPR	29	0744	0750	0745	N05	E23	.403	11895	31.0	6	-F		C	0745	.72	.70				6
490 CANR	29	0951	0958		S14	E90	1.000	11911	5.2	7	-N	3	V	0952	.10	2.10				8
491 CAPS	29	1159E	1215D		S07	E90	1.000	11911	5.2	16D	-B		P						H	6
493 BOUL	29	1624	1631D	1625	N06	E12	.240	11895	30.6	7D	-F	2	V							6
495 CANR	29	1735	1756		N09	E12	.269	11895	30.6	21	-N	1	V	1740	.50	.50				6
499 MONT	30	0707	0731	0716	S08	E87	.999	11911	5.8	24	-F		C	0716	.10					8
500 ARCE	30	0805E	0825D		N10	E03	.196	11895	30.6	20D	-N		C	0805	.36	.40				10
501 ARCE	30	0820E	0905D	0830	S15	E78	.979	11911	5.2	45D	-N		C	0830	.13					9
GRP44503	30	1230	1240	1233	N09	E03	.180	11895	30.7	10	-F				.12				2 2 2	7
TEHR	30	1230	1238	1234	N08	E02	.159	11895	30.7	8	-F	3	C		.09				F	
HUAN	30	1230	1242	1232	N10	E04	.202	11895	30.8	12	-F	2	C	1232	.15	.16			D	
506 PALE	31	0030E	0053	0035	S19	E34	.615	11910	2.6	23D	-N	3	C		.83				F	4
508 PALE	31	0144E	0156	0146	S05	E78	.978	11911	5.9	12D	-N	3	C		.72					3
GRP44510	31	0844	0928	(0845)	N10	W11	.265	11895	30.5	44	-N				.30				2 2 1	10
CAPS	31	0844E	0955D		N09	W08	.219	11895	30.8	71D	-N	3	V	0845	.30	.30		(162)	C	
TELV	31	0847	0900		N10	W13	.290	11895	30.4	13	1N									
CAPS	31	0945E	0955D		N09	W08	.219	11895	30.8	10D	-F	3	V	0946	.30	.30		(157)	C	
513 BOUL	31	1315	1338	1316	N20	E22	.499	11901	2.2	23	-F	2	V							7
514 RAMY	31	1332	1350	1335	N10	W12	.277	11895	30.7	18	-F	3	C		.62				D	8
518 LOCK	31	2205	2215	2210	N11	W16	.339	11895	30.7	10	-F		C							4