

SOLAR FLARES

MARCH 1965

OBSERVATORY	DATE MAR 1965	OBSERVED UNIVERSAL TIME			LOCATION			DURA- TION - MINUTES	IM- POR- TANCE	OBS. COND.	MEASUREMENTS					REMARKS	
		START	END	MAX. PHASE	LAT.	MER. DIST.	M&MATH FLAGE REGION				TIME - U T	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH He	MAX. INT. %		
CULG	01	0510	0517	0512	N30	E45	7712		1-	C	0512	.80	1.44			FG	
LOCK	01	1800	1823	1807	N02	W32	7713		1-	C	1807	.20	.20		10		
LOCK	01	1821	1834	1826	N18	E01	7707		1-	C	1826	.20	.20		10		
CULG	01	2351	2357	2353	S45	E31			1-	C	2353	.40	.60			CG	
	02	0905	0955	NO FLARE	PATROL												
	02	1010	1025	NO FLARE	PATROL												
	02	1135	1140	NO FLARE	PATROL												
CAPS	02	1253	1309		N31	E38	7712		1-	3	1258	.60	1.00		135	GH	
OTTA	02	1549	1612	1556	N21	W00	7707		1-	C	1556	.91	.92				
OTTA	02	1553	1622	1559	S06	E13	7704		1-	C	1559	.31	.31			E	
	03	1530	1610	NO FLARE	PATROL												
	04	0650	0710	NO FLARE	PATROL												
SACP	04	1539	1600	1550	N25	W13	7707		1-	C		.41	.44		17		
HALE	04	1920	1950	1933	N28	E14	7712		1-	3	1933	.20	.20				
CLMX	05	0023	0033 D	0026	N10	E78			1-	C	0026	.20	.50				
SACP	05	0023	0040	0026	N12	E76			1-	C		.34	.84		17		
HALE	05	0024	0049	0032	N12	E80			1-	4	0032	.20					
LOCK	05	0024	0040 D	0031	N29	E11	7712		1-	C	0031	.30	.30		20		
SACP	05	0025	0044	0028	N30	E11	7712		1-	C		.59	.66		18		
CLMX	05	0026	0033 D	0028	N30	E09	7712		1-	C	0028	.40	.40				
MITK	05	0026	0040	0028	N30	E11	7712		1-	C						D	
HALE	05	0026	0057	0032	N30	E12	7712		1-	2	0032	.80	.90			H	
IKOM	05	0028 E	0040		N28	E10	7712	12 D	1	V	0030	1.80	2.20	1.14	110	D	
HALE	05	0111	0145	0114	N30	E12	7712		1-	2	0114	.80	.90			FK	
HALE	05			0121													
IKOM	05	0120 E	0128 D		N28	E10	7712	8 D	1	V	0120	2.80	3.50	1.30	100	E	
MANI	05	0128	0138	0130	N31	E13	7712		1-	2	0130	.15	.15				
HALE	05	0212	0228	0218	N13	E02			1-	4	0218	.20	.20				
HALE	05	0229	0310	0241	N13	E02			1-	3	0241	.40	.40			H	
MITK	06	0239	0246	0242	N05	W90	7715		1-	C						HGD	
TACH	06	0624	0639	0625	N19	W51	7707		1-	C		.60	1.10		65	D	
CAPS	06	0740 E	0756 D		N21	W50	7707		1-	3	0742	.60	1.00		160	DGJ	
BUCA	06	0745 E	0811		N24	W50	7707		1-	3			1.00			GS	
CATA	06	0745 E	0915 D	0800	N22	W50	7707		1-	S	0800	.58	.98		159		
BUCA	06	0829 E	0910 D		N24	W50	7707		1-	3			1.50			GS	
	06	1330		NO FLARE	PATROL												
SACP	06	1814	1920	1849	N32	W11	7712		1-	C		1.51	1.70		18		
CLMX	06	1815	1915	1848	N32	W10	7712		1-	C	1848	.70	.80				
HALE	06	1817 E	1839	1839	N30	W13	7712		1-	2	1839	.30	.30				
HALE	06	1817 E	1933	1839	N32	W12	7712		1-	2	1839	.40	.40				
HALE	06	1858	1950	1907	N35	W10	7712		1-	3	1907	.30	.30				
HALE	06	1830	1900	1841	N18	W57	7707		1-	3	1841	.40	.60				
HALE	06	1859	1922	1910	N21	W56	7707		1-	3	1910	.50	.80				
HALE	06	1919	1948	1924	N17	W58	7707		1-	3	1924	.20	.30				
HALE	06	1945	1953	1946	N18	W57	7707		1-	4	1946	.50	.80				
HALE	06	1955	2042	2003	N18	W57	7707		1-	3	2003	1.20	1.90			H	

SOLAR FLARES

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MARCH 1965

OBSERVATORY	DATE MAR 1965	OBSERVED UNIVERSAL TIME			LOCATION			DURA- TION - MINUTES	IM- POR- TANCE	OBS. COND.	MEASUREMENTS					REMARKS
		START	END	MAX. PHASE	APPROX.		McMATH FLARE REGION				TIME - UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H _α	MAX. INT. %	
					LAT.	MER. DIST.										
HALE	06	2100	2142	2115	N18	W57	7707		1-	3	2115	1.00	1.60			
HALE	06	2200	2216	2205	N17	W58	7707		1-	3	2205	.40	.60			
HALE	07	0141	0153	0144	N30	W15	7712		1-	3	0144	.80	.90			
CULG	07	0307	0324	0311	N25	W55	7707	17	1	C	0311	2.40	5.00		L	
SACP	07	1602	1620	1611	N21	W67	7707		1-	C		.96	1.88	18		
CLMX	07	1603	1613	1611	N32	W69	7707		1-	C	1611	.50	1.10			
HUAN	07	1604	1627		N22	W68	7707		1-	P	1611	.20			E	
IKOM	07	2305	2321	D	N15	W37		16 D	1	C					D	
HUAN	08	1300	1304	1302	N15	W45			1-	C	1302	.10	.15		DG	
LOCK	08	1740	1810	1800	N19	W90	7707		1-	C	1800	.30	1.50	20		
HALE	08	2240	2254	D	N13	W50			1-	3	2245	.20	.30			
LOCK	08	2351	2359		N26	W45	7712		1-	C	2355	.20	.40	20		
HALE	08	2353	2358	2354	N27	W46	7712		1-	3	2354	.20	.30			
IKOM	08	2354	2357	D	N30	W41	7712		1-	V	2354	.40	.60	70	DG	
IKOM	09	0055	0100	D	N20	W85	7707		1-	V						
MITK	09	0350	0356	D	N28	W90	7707		1-	C					GD	
IKOM	09	0516	0528	D	N10	W90	7708	12 D	1	V					A	
IKOM	09	2306	2340	D	N20	W26	7716		1-	V	2312	.80	1.00	80		
ARCE	10	0850	0910	D	N19	W33	7716		1-	3	0910	.39	.48			
CATA	10	0905	0925	D	0906	N19	W33	7716		1-	S	0906	.72	.94	129	
	10	1900	2215	NO FLARE			PATROL									
	10	2300	2305	NO FLARE			PATROL									
MCMA	11	1343	1354	1346	N29	W84	7712		1-	1 C	1346	.20			DH	
MITK	12	0232	0247	0237	N28	E51	7718		1-	C					H	
	12	0650	0655	NO FLARE			PATROL									
MANI	12	0825	0838	0828	N31	E61	7718		1-	2	0828	.17	.29			
ARCE	12	0830	0919	D	N32	E53	7718	49 D	1	3	0919	1.07	2.02			
ARCE	12	1000			N32	E53	7718		1-	3	1000	.78	1.47			
UCCL	12	1033	1037	1034	N28	E50	7718		1-						D	
OTTA	12	1213	1226	1217	N31	E52	7718		1-	C	1217	.46	.71		EF	
OTTA	12	1242	1317		N29	E43	7718		1-	C	1307	.11	.15		H	
MCMA	12	1306	1402	1310	N32	E51	7718		1-	2 P	1310	.80	1.70		EHK	
KANZ	12	1309	1329	D	N32	E54	7718	20 D	1							
KANZ	12	1331	1337	D	N32	E54	7718		1-							
KANZ	12	1345	1354	D	N32	E54	7718		1-							
SACP	12	1411	1422	1416	N28	E47	7718		1-	C		.42	.60	18		
OTTA	12	1414	1421	1416	N29	E48	7718		1-	C	1416	.72	1.02			
UCCL	12	1414	1421	1417	N29	E50	7718		1-						D	
MCMA	12	1415	1421	1416	N29	E48	7718		1-	1 C	1416	.30	.60		D	
OTTA	12	1450	1512	1458	N31	E50	7718		1-	C	1458	.28	.43			
UCCL	12	1452	1502	1459	N29	E52	7718		1-						D	
MCMA	12	1453	1507	1456	N31	E52	7718		1-	1 C	1456	.20	.40		D	
HUAN	12	1505	1511		N30	E52	7718		1-	P	1508	.16	.32		D	
SACP	12	1526	1544	1536	N28	E46	7718		1-	C		.46	.65	17		
OTTA	12	1527	1550	1536	N29	E46	7718		1-	C	1536	.28	.40		H	

SOLAR FLARES

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OBSERVATORY	DATE	OBSERVED UNIVERSAL TIME			LOCATION			DURATION - MINUTES	IM-POR-TANCE	OBS. COND.	MEASUREMENTS					REMARKS
		START	END	MAX. PHASE	APPROX.		MCMATH PLAGE REGION				TIME - U T	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H _z	MAX. INT. %	
					LAT.	MER. DIST.										
MCMA	12	1528	1539	1535	N29	E47	7718		1-	1 C	1535	.20	.40			DH
UCCL	12	1530	1541	1534	N29	E50	7718		1-							D
HUAN	12	1532 E	1537 D		N28	E50	7718		1-	P	1533	.16	.30			DC
MCMA	12	1618	1626	1624	N29	E46	7718		1-	1 C	1624	.20	.40			DH
HUAN	12	1621	1634	1625	N28	E49	7718		1-	C	1625	.25	.46			D
SACP	12	1621	1636 U	1624 U	N28	E46	7718		1-	C		.37	.52		17	
MCMA	12	1651	1704	1652	N31	E49	7718		1-	1 C	1652	.20	.40			DH
OTTA	12	1651	1707		N31	E47	7718		1-	C	1652					
HALE	12	1939	1956	1947	N27	E44	7718		1-	3	1947	.20	.30			H
HALE	12	2010	2020	2011	N30	E45	7718		1-	3	2011	.50	.75			
HALE	12	2012	2035	2016	N28	E43	7718		1-	3	2016	.40	.60			H
HALE	12	2046	2054 D	2050	N27	E43	7718		1-	3	2050	.20	.30			H
HALE	12	2102	2112 D	2107	N27	E43	7718		1-	2	2107	.20	.30			H
	12	2140	2200	NO FLARE	PATROL											
HALE	12	2213 E	2224	2215	N28	E42	7718		1-	4	2215	.40	.60			
SACP	13	2050	2106	2054	N31	E34	7718		1-	C		.92	1.17		20	
LOCK	14	1845	1905	1855	N50	W75			1-	C	1855	.10	.50		10	
OTTA	15	1420	1445	1422	N25	W14	7720		1-	C	1422	.11	.12			H
MCMA	16	1633	1705		N31	E03	7718		1-	2 P	1636	.30	.40			DH
MCMA	16	1826 E	1847 D		N32	W02	7718		1-	1 P	1830	.20	.20			SLH
	17	0210	0230	NO FLARE	PATROL											
WEND	18	0825 E	0928 D		N30	W23	7718	63 D	1			4.00				
CATA	18	0830	1200 D	0938	N27	W27	7718	210 D	1	S	0938	2.24	3.11		141	
ARCE	18	0858 E	1000 D		N28	W26	7718		1-	2	0925	1.05	1.41			
ONDR	18	0941 E	0959		N28	W24	7718		1-	3	0943			1.70		CFHJKR
CAPE	18	1000	1058	1013	N29	W26	7718	58	1	C	1013	2.10	2.80			J
CAPE	18	1127	1208	1140	N29	W26	7718	41	1	C	1140	1.80	2.50			J
CATA	18	1140 E	1200 D	1143	S11	E27	7727		1-	S	1143	.84	.94		112	
WEND	18	1206 E	1254 D		N29	W26	7718	48 D	1			4.00				
CAPE	18	1225	1240	1228	N29	W26	7718	15	1	C	1228	1.60	2.20			J
CAPE	18	1307	1324	1310	N29	W24	7718	17	1	C	1310	2.10	2.80			J
SACP	18	1324 E	1350	1335 U	N28	W28	7718		1-	C		1.61	1.88		18	
CAPE	18	1335	1417	1341	N29	W27	7718		1-	C	1341	1.00	1.40			J
MCMA	18	1414 E	1517 D		N28	W28	7718		1-	1 P	1429	.70	1.00			F
HUAN	18	1811 E	1816		N29	W31	7718		1-	P	1813	.18	.26			D
SACP	18	1915	1956	1932	N27	W32	7718		1-	C		.92	1.10		17	
CULG	18	2315	2324	2318	S31	W03			1-	C	2318	.20	.22			CGH
IKOM	19	0006	0012		N28	W36	7718	6	1	C					100	E
IKOM	19	0110 E	0128 D		N28	W32	7718		1-	V	0124	.80	1.10	1.18	80	D
CATA	19	0940	1000 D	0941	N29	W36	7718	20 D	1	S	0941	1.40	2.25		132	
MITK	19	2356	0015	0004	S12	E08	7727		1-	C						HGD
HALE	20	0210	0233	0219	S12	E08	7727		1-	3	0219	.50	.50			F
CAPS	20	0755 E	0800 D		N20	E75	7732		1-	1	0755	.50	1.70		190	DG

SOLAR FLARES

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MARCH 1965

OBSERVATORY	DATE	OBSERVED UNIVERSAL TIME			LOCATION			DURATION - MINUTES	IM-PORTANCE	OBS. COND.	MEASUREMENTS					REMARKS
		START	END	MAX. PHASE	APPROX.		McMATH PLAGE REGION				TIME - U T	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H _α	MAX. INT. %	
					LAT.	MER. DIST.										
ARCE	20	0820 E	0850 D		N25	E80	7732		1-	2	0823	.29	.93			
ARCE	20	0910 E	0923 D		N25	E80	7732		1-	2	0910	.26	.83			
HALE	20	1818	1820	1819	N31	W55	7718		1-	4	1819	.10	.20			
SACP	20	1818	1820	1819	N32	W54	7718		1-	C		.29	.48		17	
LOCK	20	1856	1920	1903	S11	W01	7727		1-	C	1903	.30	.30		10	
HALE	20	1858	1917	1907	S13	W02	7727		1-	3	1907	.40	.40		H	
SACP	20	1860	1924 U	1909	S12	W02	7727		1-	C		.72	.71		18	
HALE	20	2053	2113	2100	N27	W60	7718		1-	4	2100	.30	.50			
CULG	21	0500	0528	0508	N25	E64	7732	28	1	C	0508	1.00	3.00		G	
CULG	21	2119	2133	2127	N28	W70	7718	14	1	C	2128	.60	3.00		G	
LOCK	21	2204	2224	2211	N28	W75	7718		1-	C	2211	.30	.90		10	
CULG	21	2206	2219	2208	N29	W70	7718	13	2	C	2208	1.20	6.00		G	
CATA	22	0500	0510	NO FLARE	PATROL											
MITK	22	1013 E	1200 D	1026	N28	W90	7718	107 D	1	S	1026	.64	3.64		112	
	22	2325	2337	2331	N23	E40	7732		1-	C					GD	
LOCK	23	1420	1430	NO FLARE	PATROL											
	23	2310 E	2320 D	2314	N12	W90			1-	C	2314	.30	1.50		20	
SACP	24	1620	1650 D	1625	N11	E73	7735		1-	C		.38	.84		17	
HUAN	24	1623	1646	1626	N08	E74	7735		1-	C	1626	.10	.30		D	
OTTA	24	1646 E	1653 D		N17	E41	7737		1-	C	1650	.16	.19			
	24	2025	2030	NO FLARE	PATROL											
	24	2040	2115	NO FLARE	PATROL											
KAND	25	1229	1238 D	1230	N11	E67	7735		1-	C						
OTTA	25	1246	1347	1327	N10	E62	7735	61	1	C	1327	2.07	3.23		E	
CAPE	25	1314	1336	1325	N09	E62	7735		1-	C	1325	.80	1.70			
SACP	25	1318	1341	1324	N09	E63	7735		1-	C		.86	1.42		17	
HUAN	25	1323	1343	1328	N08	E62	7735		1-	C	1328	.25	.55		D	
OTTA	25	1350	1403	1354	N10	E62	7735		1-	C	1354	.69	1.08			
HUAN	25	1352	1401	1356	N08	E62	7735		1-	C	1356	.10	.22		D	
CAPE	25	1352	1407	1355	N09	E62	7735		1-	C	1355	.90	1.90			
SACP	25	1606	1631	1612	N10	E58	7735		1-	C		.34	.51		18	
OTTA	25	1608	1627	1613	N10	E58	7735		1-	C	1613	.17	.25		HJ	
HUAN	25	1612 E	1613 D		N08	E59	7735		1-	P	1613	.18	.36		D	
HUAN	25	1621 E	1634		N08	E59	7735		1-	P	1625	.30	.60		H	
HUAN	25	1638	1649 D	1642	N09	E59	7735		1-	P	1642	.42	.84			
HALE	25	1811 E	1833	1813	N09	E56	7735		1-	3	1813	.40	.60			
LOCK	25	2223	2250	2235	N09	W53			1-	C	2235	.40	.60		10	
MITK	26	0001 E	0016	0012	N10	E52	7735	15 D	1	V	0012	1.01	1.80		2.49	
MANI	26	0003 E	0020		N11	E58	7735		1-	1	0005	.67	.97		125	
SACP	26	0015	0048	0015 E	N09	E55	7735		1-	P		1.44	2.02		28	
VORO	26	0005 E	0018		N24	E55	7739		1-	P	0006	3.06	1.60		59	
CULG	26	0132	0140	0134	N14	E54	7735		1-	C	0134	.40	.76			
SIBE	26	0206	0400 D	0333	N08	E52	7735	114 D	1	C	0333	1.80	3.00		17	
MITK	26	0255	0315	0300	N10	E51	7735		1-	C					CD	
MITK	26	0323	0353 D	0337	N10	E52	7735	30 D	1	C					D	

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		START	END	MAX. PHASE	APPROX.		McMATH FLARE REGION				TIME - U T	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hr	MAX. INT. %	
					LAT.	MER. DIST.										
	MAR 1965															
CULG	26	0325	0359	0338	N09	E51	7735	34	1	C	0338	1.80	3.15			
CULG	26	0505	0525	0513	N09	E51	7735	20	1	C	0513	2.60	4.42			
ABST	26	0505	0612	0511	N09	E55	7735	67	1	C	0511	4.60	3.90			DJ
MANI	26	0508 E	0549	0513	N11	E55	7735	41 D	1	2	0513	1.60	2.24			
CULG	26	0509	0608	0517	N09	E54	7735	59	1	C	0530	1.60	2.96			
ARCE	26	0810 E	0842 D		N13	E50	7735	32 D	1	3	0817	1.93	2.97			
CAPE	26	0815	0828	0817	N10	E51	7735		1-	C	0817	.80	1.40			
CAPS	26	0816	0829		N08	E47	7735	13	1	3	0819	1.50	2.40		200	EHJ
MANI	26	0816	0831	0819	N11	E54	7735		1-	2	0819	.33	.46			
CAPF	26	0821 E	0834		N08	E50	7735	13 D	1	2			2.00			
MANI	26	0850	0913	0858	N11	E53	7735		1-	2	0858	.33	.44			
CAPE	26	0850	0925	0855	N10	E51	7735	35	1	C	0855	.60	1.00			J
CAPF	26	0852	0919		N08	E48	7735	27	1	2			2.00			
ARCE	26	0855 E	1000 D		N13	E50	7735		1-	2	0951	1.01	1.55			
SALT	26	0945 E	1010 D		N10	E48	7735		1-	3		1.00	1.50			
CAPE	26	0947	1010	0950	N10	E50	7735		1-	C	0950	1.00	1.60			J
CAPS	26	0949 E	1005 D		N08	E46	7735		1-	3	1000	.60	1.00		150	CJ
CAPF	26	1000 E	1015		N09	E49	7735	15 D	1	2			3.00			
CATA	26	1000 E	1130 D	1007	N10	E50	7735		1-	S	1007	1.02	1.64		151	
CAPS	26	1314	1336		N08	E45	7735	22	1	3	1324	1.80	2.60		216	EFJ
SACP	26	1314 E	1336	1320	N09	E45	7735		1-	C		1.67	2.03		28	
CAPE	26	1315	1335	1320	N10	E48	7735		1-	C	1320	1.10	1.70			
SACP	26	1429	1455	1435	N10	E46	7735		1-	C		.68	.84		21	
CAPS	26	1430	1444		N08	E46	7735		1-	3	1435	.70	1.10		190	EJ
CAPE	26	1430	1453	1433	N10	E48	7735		1-	C	1433	1.00	1.60			
HUAN	26	1537	1547	1541	N09	E45	7735		1-	C	1541	.16	.25			D
SACP	26	2036	2058	2045	N11	E42	7735		1-	C		.76	.90		19	
OTTA	27	1220	1421	1229	N12	E34	7735	121	1	C	1229	1.10	2.13			EF
CAPE	27	1222	1253	1226	N11	E36	7735		1-	C	1226	1.30	1.70			
CAPS	27	1227 E	1310		N09	E38	7735	43 D	1	3	1231	1.90	2.50		190	CE
MCMA	27	1302 E	1345 D		N12	E38	7735		1-	2	1308	.40	.50			E
OTTA	28	0000	0010	NO FLARE	PATROL											
OTTA	28	1526	1552		N24	E90			1-	C	1539	.29				
MCMA	28	1844	1853	1845	N12	E20	7735		1-	2	1845	.20	.20			D
LOCK	28	2232	2245	2236	N18	W32			1-	C	2236	.40	.40		10	
SACP	29	0040	0058	0051	N01	W66	7736		1-	C		.60	1.02		18	
OTTA	30	1541	1549		N09	E67			1-	C	1545	.11	.21			
OTTA	30	1703	1710		N15	E23			1-	C	1707	.15	.15			H
SACP	30	2247	2304 D	2248	N12	W17	7735		1-	C		.34	.34		17	
	31	0120	0135	NO FLARE	PATROL											
	31	2220	2225	NO FLARE	PATROL											

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OBSERVATORY	DATE	OBSERVED UNIVERSAL TIME			LOCATION			DURATION - MINUTES	IM-POR-TANCE	OBS. COND.	MEASUREMENTS					REMARKS
		START	END	MAX. PHASE	APPROX.		McMATH PLAGE REGION				TIME - U T	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hg	MAX. INT. °	
					LAT.	MER. DIST.										
LOCK	01	1800	1823	1807	N02	W32	7713		1-	C	1807	.20	.20		10	
LOCK	01	1821	1834	1826	N18	E01	7707		1-	C	1826	.20	.20		10	
CAPS	02	1253	1309		N31	E38	7712		1-	3	1258	.60	1.00		135	GH
OTTA	02	1549	1612	1556	N21	W00	7707		1-	C	1556	.91	.92			
OTTA	02	1553	1622	1559	S06	E13	7704		1-	C	1559	.31	.31			E
SACP	04	1539	1600	1550	N25	W13	7707		1-	C		.41	.44		17	
HALE	04	1920	1950	1933	N28	E14	7712		1-	3	1933	.20	.20			
SACP	05	0023	0040	0026	N12	E76			1-	C		.34	.84		17	
HALE	05	0024	0049	0032	N12	E80			1-	4	0032	.20				
LOCK	05	0024	0040 D	0031	N29	E11	7712		1-	C	0031	.30	.30		20	
SACP	05	0025	0044	0028	N30	E11	7712		1-	C		.59	.66		18	
HALE	05	0026	0057	0032	N30	E12	7712		1-	2	0032	.80	.90			H
IKOM	05	0028 E	0040		N28	E10	7712	12 D	1	V	0030	1.80	2.20	1.14	110	D
HALE	05	0111	0145	0114	N30	E12	7712		1-	2	0114	.80	.90			FK
HALE	05	0111	0145	0121	N30	E11	7712		1-	2	0121	1.00	1.10			
IKOM	05	0120 E	0128 D		N28	E10	7712	8 D	1	V	0120	2.80	3.50	1.30	100	E
MANI	05	0128	0138	0130	N31	E13	7712		1-	2	0130	.15	.15			
HALE	05	0212	0228	0218	N13	E02			1-	4	0218	.20	.20			
HALE	05	0229	0310	0241	N13	E02			1-	3	0241	.40	.40			H
CAPS	06	0740 E	0756 D		N21	W50	7707		1-	3	0742	.60	1.00		160	DGJ
BUCA	06	0745 E	0811		N24	W50	7707		1-	3			1.00			GS
CATA	06	0745	0915 D	0800	N22	W50	7707		1-	S	0800	.58	.98		159	
BUCA	06	0829 E	0910 D		N24	W50	7707		1-	3			1.50			GS
SACP	06	1814	1920	1849	N32	W11	7712		1-	C		1.51	1.70		18	
HALE	06	1817 E	1848	1839	N30	W13	7712		1-	2	1839	.30	.30			
HALE	06	1817 E	1933	1839	N32	W12	7712		1-	2	1839	.40	.40			
HALE	06	1858	1950	1907	N35	W10	7712		1-	3	1907	.30	.30			
HALE	06	1830	1900	1841	N18	W57	7707		1-	3	1841	.40	.60			
HALE	06	1859	1922	1910	N21	W56	7707		1-	3	1910	.50	.80			
HALE	06	1919	1948	1924	N17	W58	7707		1-	3	1924	.20	.30			
HALE	06	1945	1953	1946	N18	W57	7707		1-	4	1946	.50	.80			
HALE	06	1955	2042	2003	N18	W57	7707		1-	3	2003	1.20	1.90			H
HALE	06	2100	2142	2115	N18	W57	7707		1-	3	2115	1.00	1.60			
HALE	06	2200	2216	2205	N17	W58	7707		1-	3	2205	.40	.60			
HALE	07	0141	0153	0144	N30	W15	7712		1-	3	0144	.80	.90			
SACP	07	1602	1620 U	1611	N21	W67	7707		1-	C		.96	1.88		18	
HUAN	07	1604	1627		N22	W68	7707		1-	P	1611	.20				E
IKOM	07	2305	2321 D		N15	W37		16 D	1	C						D
HUAN	08	1300	1304	1302	N15	W45			1-	C	1302	.10	.15			DG
LOCK	08	1740	1810	1800 U	N19	W90	7707		1-	C	1800	.30	1.50		20	
HALE	08	2240	2254 D	2245	N13	W50			1-	3	2245	.20	.30			
LOCK	08	2351	2359	2355	N26	W45	7712		1-	C	2355	.20	.40		20	
HALE	08	2353	2358	2354	N27	W46	7712		1-	3	2354	.20	.30			
IKOM	08	2354	2357 D		N30	W41	7712		1-	V	2354	.40	.60		70	DG
IKOM	09	0055 E	0100 D		N20	W85	7707		1-	V						

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OBSERVATORY	DATE	OBSERVED UNIVERSAL TIME			LOCATION			DURATION - MINUTES	IM-POR-TANCE	OBS. COND.	MEASUREMENTS					REMARKS
		START	END	MAX. PHASE	APPROX.		MEMATH PLAGE REGION				TIME - U T	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH He	MAX. INT. *.	
					LAT.	MER. DIST.										
IKOM	09	0516 E	0528 D		N10	W90	7708	12 D	1	V						A
IKOM	09	2306	2340 D		N20	W26	7716		1-	V	2312	.80	1.00		80	
ARCE	10	0850 E	0910 D		N19	W33	7716		1-	3	0910	.39	.48			
CATA	10	0905 E	0925 D	0906	N19	W33	7716		1-	S	0906	.72	.94		129	
MCMA	11	1343	1354	1346	N29	W84	7712		1-	1 C	1346	.20				DH
MANI	12	0825	0838	0828	N31	E61	7718		1-	2	0828	.17	.29			
ARCE	12	0830 E	0919 D		N32	E53	7718	49 D	1	3	0919	1.07	2.02			
ARCE	12	1000 E			N32	E53	7718		1-	3	1000	.78	1.47			
OTTA	12	1213	1226	1217	N31	E52	7718		1-	C	1217	.46	.71			EF
OTTA	12	1242	1317		N29	E43	7718		1-	C	1307	.11	.15			H
MCMA	12	1306 E	1402	1310	N32	E51	7718		1-	2 P	1310	.80	1.70			EHK
KANZ	12	1309 E	1329 D		N32	E54	7718	20 D	1							
KANZ	12	1331 E	1337 D		N32	E54	7718		1-							
KANZ	12	1345 E	1354 D		N32	E54	7718		1-							
SACP	12	1411 E	1422	1416	N28	E47	7718		1-	C		.42	.60		18	
OTTA	12	1414	1421	1416	N29	E48	7718		1-	C	1416	.72	1.02			
MCMA	12	1415	1421	1416	N29	E48	7718		1-	1 C	1416	.30	.60			D
OTTA	12	1450	1512	1458	N31	E50	7718		1-	C	1458	.28	.43			
MCMA	12	1453	1507	1456	N31	E52	7718		1-	1 C	1456	.20	.40			D
HUAN	12	1505 E	1511		N30	E52	7718		1-	P	1508	.16	.32			D
SACP	12	1526	1544	1536 U	N28	E46	7718		1-	C		.46	.65		17	
OTTA	12	1527	1550	1536	N29	E46	7718		1-	C	1536	.28	.40			H
MCMA	12	1528	1539	1535	N29	E47	7718		1-	1 C	1535	.20	.40			DH
HUAN	12	1532 E	1537 D		N28	E50	7718		1-	P	1533	.16	.30			DC
MCMA	12	1618	1626	1624	N29	E46	7718		1-	1 C	1624	.20	.40			DH
HUAN	12	1621	1634	1625	N28	E49	7718		1-	C	1625	.25	.46			D
SACP	12	1621	1636 U	1624 U	N28	E46	7718		1-	C		.37	.52		17	
MCMA	12	1651	1704	1652	N31	E49	7718		1-	1 C	1652	.20	.40			DH
OTTA	12	1651	1707		N31	E47	7718		1-	C	1652					
HALE	12	1939	1956	1947	N27	E44	7718		1-	3	1947	.20	.30			H
HALE	12	2010	2020	2011	N30	E45	7718		1-	3	2011	.50	.75			
HALE	12	2012	2035	2016	N28	E43	7718		1-	3	2016	.40	.60			H
HALE	12	2046	2054 D	2050	N27	E43	7718		1-	3	2050	.20	.30			H
HALE	12	2102	2112 D	2107	N27	E43	7718		1-	2	2107	.20	.30			H
HALE	12	2213 E	2224	2215	N28	E42	7718		1-	4	2215	.40	.60			
SACP	13	2050	2106	2054	N31	E34	7718		1-	C		.92	1.17		20	
LOCK	14	1845	1905	1855	N50	W75			1-	C	1855	.10	.50		10	
OTTA	15	1420	1445	1422	N25	W14	7720		1-	C	1422	.11	.12			H
MCMA	16	1633	1705		N31	E03	7718		1-	2 P	1636	.30	.40			DH
MCMA	16	1826 E	1847 D		N32	W02	7718		1-	1 P	1830	.20	.20			SLH
WEND	18	0825 E	0928 D		N30	W23	7718	63 D	1			4.00				
CATA	18	0830	1200 D	0938	N27	W27	7718	210 D	1		0938	2.24	3.11		141	
ARCE	18	0858 E	1000 D		N28	W26	7718		1-	2	0925	1.05	1.41			

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OBSERVATORY	DATE	OBSERVED UNIVERSAL TIME			LOCATION			DURATION - MINUTES	IM-POR-TANCE	OBS. COND.	MEASUREMENTS					REMARKS
		START	END	MAX. PHASE	APPROX.		McMATH PLAGE REGION				TIME - U T	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %	
					LAT.	MER. DIST.										
ONDR	18	0941 E	0959		N28	W24	7718		1-	3	0943			1.70		CEHJKR
CATA	18	1140 E	1200 D	1143	S11	E27	7727		1-	S	1143				112	
WEND	18	1206 E	1254 D		N29	W26	7718	48 D	1-			.84	.94			
SACP	18	1324 E	1350	1335 U	N28	W28	7718		1-	C		4.00				
MCMA	18	1414 E	1517 D		N28	W28	7718		1-	1 P	1429	1.61	1.88		18	
HUAN	18	1811 E	1816		N29	W31	7718		1-	P	1813	.70	1.00			
SACP	18	1915	1956	1932	N27	W32	7718		1-	C		.18	.26		17	
IKOM	19	0006	0012		N28	W36	7718	6	1	C					100	E
IKOM	19	0110 E	0128 D		N28	W32	7718		1-	V	0124	.80	1.10	1.18	80	D
CATA	19	0940	1000 D	0941	N29	W36	7718	20 D	1	S	0941	1.40	2.25		132	
HALE	20	0210	0233	0219	S12	E08	7727		1-	3	0219	.50	.50			F
CAPS	20	0755 E	0800 D		N20	E75	7732		1-	1	0755	.50	1.70		190	DG
ARCE	20	0820 E	0850 D		N25	E80	7732		1-	2	0823	.29	.93			
ARCE	20	0910 E	0923 D		N25	E80	7732		1-	2	0910	.26	.83			
HALE	20	1818	1820	1819	N31	W55	7718		1-	4	1819	.10	.20			
SACP	20	1818	1820	1819	N32	W54	7718		1-	C		.29	.48		17	
LOCK	20	1856	1920	1903	S11	W01	7727		1-	C	1903	.30	.30		10	
HALE	20	1858	1917	1907	S13	W02	7727		1-	3	1907	.40	.40			H
SACP	20	1860	1924 U	1909	S12	W02	7727		1-	C		.72	.71		18	
HALE	20	2053	2113	2100	N27	W60	7718		1-	4	2100	.30	.50			
LOCK	21	2204	2224	2211	N28	W75	7718		1-	C	2211	.30	.90		10	
CATA	22	1013 E	1200 D	1026	N28	W90	7718	107 D	1	S	1026	.64	3.64		112	
LOCK	23	2310 E	2320 D	2314	N12	W90			1-	C	2314	.30	1.50		20	
SACP	24	1620	1650 D	1625	N11	E73	7735		1-	C		.38	.84		17	
HUAN	24	1623	1646	1626	N08	E74	7735		1-	C	1626	.10				D
OTTA	24	1646 E	1653 D		N17	E41	7737		1-	C	1650	.16	.19			
KAND	25	1229	1238 D	1230	N11	E67	7735		1-	C						
OTTA	25	1246	1347	1327	N10	E62	7735	61	1	C	1327	2.07	3.23			E
SACP	25	1318	1341	1324	N09	E63	7735		1-	C		.86	1.42		17	
HUAN	25	1323	1343	1328	N08	E62	7735		1-	C	1328	.25	.55			D
OTTA	25	1350	1403	1354	N10	E62	7735		1-	C	1354	.69	1.08			
HUAN	25	1352	1401	1356	N08	E62	7735		1-	C	1356	.10	.22			D
SACP	25	1606	1631	1612	N10	E58	7735		1-	C		.34	.51		18	
OTTA	25	1608	1627	1613	N10	E58	7735		1-	C	1613	.17	.25			HJ
HUAN	25	1612 E	1613 D		N08	E59	7735		1-	P	1613	.18	.36			D
HUAN	25	1621 E	1634		N08	E59	7735		1-	P	1625	.30	.60			H
HUAN	25	1638	1649 D	1642	N09	E59	7735		1-	P	1642	.42	.84			
HALE	25	1811 E	1833	1813	N09	E56	7735		1-	3	1813	.40	.60			
LOCK	25	2223	2250	2235	N09	W53			1-	C	2235	.40	.60		10	J
MANI	26	0003 E	0020		N11	E58	7735		1-	1	0005	.67	.97			
SACP	26	0015	0048	0015 E	N09	E55	7735		1-	P		1.44	2.02		28	
MANI	26	0508 E	0549	0513	N11	E55	7735	41 D	1	2	0513	1.60	2.24			
ARCE	26	0810 E	0842 D		N13	E50	7735	32 D	1	3	0817	1.93	2.97			

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OBSERVATORY	DATE	OBSERVED UNIVERSAL TIME			LOCATION			DURATION - MINUTES	IM. PORTANCE	OBS. COND.	MEASUREMENTS					REMARKS	
		START	END	MAX. PHASE	APPROX.		McMATH PLAGE REGION				TIME - U T	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %		
					LAT.	MER. DIST.											
	MAR 1965																
CAPS	26	0816	0829		N08	E47	7735	13	1	3	0819	1.50	2.40			200	EHJ
MANI	26	0816	0831	0819	N11	E54	7735		1-	2	0819	.33	.46				
MANI	26	0850	0913	0858	N11	E53	7735		1-	2	0858	.33	.44				
ARCE	26	0855 E	1000 D		N13	E50	7735		1-	2	0951	1.01	1.55				
SALT	26	0945 E	1010 D		N10	E48	7735		1-	3		1.00	1.50				
CAPS	26	0949 E	1005 D		N08	E46	7735		1-	3	1000	.60	1.00			150	CJ
CATA	26	1000 E	1130 D	1007	N10	E50	7735		1-	3	1007	1.02	1.64			151	
CAPS	26	1314	1336		N08	E45	7735	22	1	3	1324	1.80	2.60			216	EFJ
SACP	26	1314 E	1336	1320	N09	E45	7735		1-	C		1.67	2.03			28	
SACP	26	1429	1455	1435	N10	E46	7735		1-	C		.68	.84			21	
CAPS	26	1430	1444		N08	E46	7735		1-	3	1435	.70	1.10			190	EJ
HUAN	26	1537	1547	1541	N09	E45	7735		1-	C	1541	.16	.25				D
SACP	26	2036	2058	2045	N11	E42	7735		1-	C		.76	.90			19	
OTTA	27	1220	1421	1229	N12	E34	7735	121	1	C	1229	1.10	2.13				EF
CAPS	27	1227 E	1310		N09	E38	7735	43 D	1	3	1231	1.90	2.50			190	CE
MCMA	27	1302 E	1345 D		N12	E38	7735		1-	2	1308	.40	.50				E
OTTA	28	1526	1552		N24	E90			1-	C	1539	.29					
MCMA	28	1844	1853	1845	N12	E20	7735		1-	2	1845	.20	.20				D
LOCK	28	2232	2245	2236	N18	W32			1-	C	2236	.40	.40			10	
SACP	29	0040	0058	0051	N01	W66	7736		1-	C		.60	1.02			18	
OTTA	30	1541	1549		N09	E67			1-	C	1545	.11	.21				
OTTA	30	1703	1710		N15	E23			1-	C	1707	.15	.15				H
SACP	30	2247	2304 D	2248	N12	W17	7735		1-	C		.34	.34			17	