

SOLAR FLARES
Original Reports and Statistical Summaries
MAY 1967

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS.		MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MC MATH PLAGE REGION	CMP DAY			COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hg	MAX. INT. %	
					LAT.	MER. DIST.													
	1967 MAY																		
GRP 5438	01	0119	0143	0123	S21	E34	.603	8791	3.6	24	-N								
CULG	01	0115	0153	0120	S22	E34	.608	8791	3.6	38	-N	C		1.20			6 6 6		
SACP	01	0117	0129	0123	S21	E34	.603	8791	3.6	12	-F	C		.83	1.00				
MITK	01	0118	0145	0120	S20	E33	.585	8791	3.5	27	-N	C	0120	.86	.93				
HALE	01	0119	0200	0123	S20	E33	.585	8791	3.5	41	-B	3	C	0123	1.03	1.30			
S18E	01	0123	0133	0125	S20	E37	.634	8791	3.8	10	1F	C	0125	1.29	1.60				
MANI	01	0123E	0138		S20	E34	.597	8791	3.6	15D	-N	2	C	0125	2.46	3.20	54	T	
GRP 5439	01	0241	0249	0243	N16	E80	.989	8798	7.1	8	-N			.72	.90				
HALE	01	0241	0249	0243	N16	E80	.989	8798	7.1	8	-N	2	C	0243	.21			1 1 1	
GRP 5440	01	0247	0306	0252	N27	W38	.745	8785	28.3	19	-F			1.49					
HALE	01	0242	0306	0248	N27	W39	.754	8785	28.2	24	-N	3	C	0248	.52	.80		E 3 3 3	
MANI	01	0251	0310	0254	N26	W36	.721	8785	28.4	19	-F	2	C	0254	.72	1.04		F	
S18E	01	0254E	0303	0255	N27	W39	.754	8785	28.2	9D	1F	P	0255	3.23	4.90		C		
GRP 5441	01	0316	0355	0323	S22	E32	.584	8791	3.5	39	-N			1.61					
S18E	01	0315	0340	0320	S22	E34	.608	8791	3.7	25	1F	C	0320	3.80	4.70				
MANI	01	0315	0354	0321	S20	E31	.560	8791	3.5	39	-B	2	C	0321	1.03	1.26		T	
HALE	01	0315	0419	0321	S21	E32	.578	8791	3.5	64	1B	3	C	0321	1.70	2.10			
CRON	01	0317	0338	0324	S25	E31	.592	8791	3.5	21	-N			.70	.90				
CULG	01	0330E	0406D	0331	S22	E34	.608	8791	3.7	36D	-N			.83	1.00		200		
GRP 5442	01	0517	0555	0526	S22	E31	.572	8791	3.5	38	1N			2.30					
CULG	01	0509	0545D	0527	S22	E34	.608	8791	3.8	36D	-N			.93	1.13				
ATHN	01	0518	0541	0523	S23	E32	.590	8791	3.6	23	1N	2	C	0531	2.64	3.20	1.70		
ATHN	01	0518	0541	0531	S23	E32	.590	8791	3.6	23	1N	2	C	0531	2.64	3.20	1.70		
MANI	01	0520	0545	0524	S20	E30	.548	8791	3.5	25	-B			1.24	1.48				
S18E	01	0520E	0547	0521	S23	E30	.567	8791	3.5	27D	2F	P	0521	5.13	6.30		73		
KIEV	01	0525E	0636D		S24	E30	.574	8791	3.5	71D	1F	C	0534	1.55	2.00		60		
GRP 5443	01	0740	0830	0752	N20	E30	.617	8796	3.6	50	1N			3.32					
BUCA	01	0740	0830		N20	E30	.617	8796	3.6	50	1N	C	0752	3.32	3.90		1 1 1		
GRP 5444	01	0746	0816	0758	S21	E30	.554	8791	3.6	30	1N			2.54					
CAPE	01	0745	0804	0752	S20	E30	.548	8791	3.6	19	1N	C	0752	2.48	3.00		7 7 5		
MONT	01	0745E	0830	0800	S21	E32	.578	8791	3.7	45D	1N	C	0800	2.10			FT 0		
CAPS	01	0745E	0824		S20	E30	.548	8791	3.6	39D	1N	1							
KIEV	01	0746E	0805D	0755	S21	E29	.542	8791	3.5	19D	1F	C	0755	1.55	2.00		50		
CRON	01	0750	0818	0754	S21	E31	.566	8791	3.7	28	-N	C		.90	1.10		200		
ONDR	01	0754E	0812		S22	E30	.560	8791	3.6	18D	1N	V	0757			2.60			
S18E	01	0757E	0817	0807	S23	E30	.567	8791	3.6	20D	2F	P	0807	5.69	6.90		61		
GRP 5445	01	0757	0812	0759	S23	E35	.625	8791	4.0	15	-F			.49					
CAPE	01	0757	0809	0759	S24	E41	.697	8791	4.4	12	-F	C	0759	.46	.60		2 2 2		
MANI	01	0758E	0815		S22	E29	.549	8791	3.5	17D	-F	2		.52	.62				
GRP 5446	01	0826	0840	0831	S21	W40	.673	8788	28.4	14	-N			1.37					
CAPE	01	0826	0840	0831	S21	W40	.673	8788	28.4	14	-N	C	0831	1.37	1.90		1 1 1		
GRP 5447	01	0833	0850	0838	S21	E34	.603	8791	3.9	17	-F			.50					
CAPE	01	0830	0850	0835	S21	E35	.615	8791	4.0	20	-F	C	0835	.69	.90		3 3 3		
CRON	01	0835	0850U	0838	S22	E35	.620	8791	4.0	15U	-N	C		.40	.50		200		
MANI	01	0839E	0850		S20	E31	.560	8791	3.7	11D	-F	1	C	0840	.41	.49		I	
GRP 5448	01	0834	0849	0837	N19	E35	.663	8795	4.0	15	-F			1.10					
BUCA	01	0834	0849		N19	E35	.663	8795	4.0	15	-F	C	0837	1.10	1.40		1 1 1		
GRP 5449	01	1024	1053	1028	N27	W44	.795	8785	28.1	29	1N			1.60					
SACP	01	1024E	1040		N27	W41	.770	8785	28.4	16D	1N	2	C	1029	1.40	2.20		189	
CAPE	01	1024	1105	1026	N27	W47	.820	8785	27.9	41	1N	C	1026	1.79	3.10		E 2 2 2		
GRP 5450	01	1101	1130	1107	S20	E27	.510	8791	3.5	29	1N			2.67					
CAPS	01	1100E	1130D		S20	E28	.523	8791	3.6	30D	-N	3	C	1107	1.20	1.40		164	
WEND	01	1102	1129		S20	E25	.485	8791	3.3	27	1F	V		4.13					
GRP 5451	01	1138	1204	1146	S25	W43	.722	8788	28.3	26	-F			.27					
CAPE	01	1138	1204	1146	S25	W43	.722	8788	28.3	26	-F	C	1146	.27	.40		1 1 1		
GRP 5452	01	1320	1440	1340	N17	E02	.363	8796	1.7	80	1N			.93					
SALO	01	1320	1440	1340	N20	E00	.410	8796	1.6	80	1N					1.70			
SACP	01	1338	1407	1352	N13	E03	.300	8796	1.8	29	-F	C		.93	.91		2 2 1		
GRP 5453	01	1320	1440	1340	S15	W42	.678	8784	28.4	80	1N								
SALO	01	1320	1440	1340	S15	W42	.678	8784	28.4	80	1N	V	1340			1.70			
GRP 5454	01	1343	1423	1347	S19	E28	.516	8791	3.7	40	1N			2.09					
SALO	01	1320	1440	1340	S13	E27	.471	8791	3.6	80	2N	S	1340			1.80			
SACP	01	1341	1447	1346	S20	E28	.523	8791	3.7	66	-N	C		1.50	1.55				
HUAN	01	1342	1412D		S20	E30	.548	8791	3.8	30D	-N	1	C	1345	.50	.52			
CAPS	01	1343E	1407		S20	E26	.498	8791	3.5	24D	1N	2	C	1348	3.00	3.50		194	
ONDR	01	1345	1404D		S19	E29	.529	8791	3.7	19D	1N	V	1350			2.40			
CAPP	01	1350E	1410D		S20	E27	.510	8791	3.6	20D	1N	S	1350	1.76	2.05				
GRP 5455	01	1352	1407	1356	N17	E76	.978	8798	7.3	15	1N			.74					
CAPE	01	1345	1411D	1351	N14	E77	.980	8798	7.3	26D	1N	C	1351	1.20	5.72		2 2 2		
SACP	01	1359	1402	1400	N20	E75	.976	8798	7.2	3	-N	C		.28	.67				
GRP 5456	01	1355	1407	1357	S18	W34	.588	8788	29.0	12	-F			1.00					
CAPE	01	1355	1403	1355	S15	W29	.508	8788	29.4	8	-F	C	1355	.18	.20		2 2 1		
CAPS	01	1357E	1410D		S21	W38	.650	8788	28.7	13D	-F	2	C	1358	1.00	1.30		CH	
GRP 5457	01	1611	1624	1613	N14	W05	.323	8796	1.3	13	-F			.37					
SACP	01	1611	1624	1613	N14	W05	.323	8796	1.3	13	-F	C		.37	.36		1 1 1		

For "Remarks"

SOLAR FLARES
MAY 1967

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS.		MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	GCMATH PLAGE REGION	CMP DAY			COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %	
					LAT.	MER. DIST.													
GRP 5458	1967 MAY 01	1613	1635	1616	N12	E72	.958	8798	7.1	22	1F							1 1 1	
LOCK	01	1613	1635	1616	N12	E72	.958	8798	7.1	22	1F	C	1623	1.00	2.70		10	1 1 1	
GRP 5459	01	1613	1635	1623	N12	E72	.958	8798	7.1	22	1F	C	1623	1.00	2.70		10	1 1 1	
GRP 5460	01	1630	1645	1635	N28	W46	.816	8785	28.2	15	-N			.63				3 3 3	
LOCK	01	1625	1652	1634	N29	W47	.829	8785	28.2	27	-N	C	1634	1.10	2.00		20	E	
HUAN	01	1632	1640		N27	W47	.820	8785	28.2	8	-N	1	1634	.45	.62				
ATHN	01	1634	1642	1636	N28	W45	.809	8785	28.3	8	-N	1	1632	.33	.60	1.60			
GRP 5461	01	1800	1830	1810	S18	W48	.754	8788	28.2	30	-F			.60				1 1 1	
LOCK	01	1800	1830	1810	S18	W48	.754	8788	28.1	30	-F	C	1810	.60	1.00		10		
GRP 5462	01	1852	1908	1857	N15	W08	.857	8796	1.2	16	-N			1.15				2 2 2	
LOCK	01	1851	1907	1856	N15	W08	.354	8796	1.2	16	-F	C	1856	.80	1.40		10	H	
SACP	01	1852	1909	1858	N14	W07	.333	8796	1.3	17	-N	C		1.50	1.47				
GRP 5463	01	2206	2220	2211	N16	E71	.956	8798	7.2	14	-F			.60				1 1 1	
LOCK	01	2206	2220	2211	N16	E71	.956	8798	7.2	14	-F	C	2211	.60	1.60		10		
GRP 5464	02	0103	0130	0110	S26	E55	.838	8794	6.2	27	-F			.40				1 1 1	
LOCK	02	0103	0130	0110	S26	E55	.838	8794	6.2	27	-F	C	0110	.40	.70		10		
GRP 5465	02	0144	0149	0145	N21	E79	.988	8798	8.0	5	-N			.30				1 1 1	
CRON	02	0144	0149	0145	N21	E79	.988	8798	8.0	5	-N	C		.30	.90		200	V	
GRP 5466	02	0712	0720	0714	N29	W55	.885	8785	28.2	8	-N			.39				2 2 1	
UCCL	02	0712	0721	0715	N30	W60	.918	8785	27.8	9	-N	C						D	
ATHN	02	0713E	0719	0713	N28	W50	.846	8785	28.6	60	-N	2	0713	.39	.70	1.50			
GRP 5467	02	0746	0800	0746	S20	E18	.402	8791	3.7	14	-N			.31				1 1 1	
IKOM	02	0746	0800D		S20	E18	.402	8791	3.7	14D	-N	V	0746	.31	.30			D	
GRP 5468	02	0806	0823	0811	N27	W55	.879	8785	28.2	17	-B			.85				4 4 4	
BUCA	02	0655	0823		N27	W60	.911	8785	27.8	88	1N	C	0811	1.76	3.80				
MANI	02	0755	0810D	0757	N26	W52	.854	8785	28.4	15D	-B	2	0757	.41	.72				
ATHN	02	0805	0816D	0808	N28	W50	.846	8785	28.6	110	-B	2	0808	.83	1.50	2.00			
CRON	02	0806	0823	0813	N26	W58	.896	8785	28.0	17	-N	C		.40	.80		200	EJ	
GRP 5469	02	0835	0855	0840	N28	W57	.895	8785	28.1	20	-N			.38				2 2 2	
CRON	02	0834U	0845	0839	N28	W57	.895	8785	28.1	11U	-N	C		.20	.40		200		
BUCA	02	0835	0905		N28	W57	.895	8785	28.1	30	-F	C	0840	.55	1.10				
GRP 5470	02	0840	1000	0930	S17	E17	.360	8791	3.6	80	2B	S				1.80		2 1 0	
SALO	02	0840	1000		S13	E14	.283	8791	3.4	80	2B	S	0930						
UCCL	02	0912E	0916D	0913	S20	E20	.425	8791	3.9	40	-N	P						D	
GRP 5471	02	0840	1000	0930	S12	W38	.621	8788	29.5	80	1N	S				1.60		1 1 0	
SALO	02	0840	1000		S12	W38	.621	8788	29.5	80	1N	S	0930						
GRP 5472	02	1038	1042	1039	S22	E14	.382	8791	3.5	4	-N			.25				1 1 1	
ATHN	02	1038	1042	1039	S22	E14	.382	8791	3.5	4	-N	2	1039	.25	.25	1.70			
GRP 5473	02	1040	1050	1041	N28	W52	.861	8785	28.5	10	-B			.66				1 1 1	
ATHN	02	1040	1050	1041	N28	W52	.861	8785	28.5	10	-B	2	1041	.66	1.20	2.00			
GRP 5474	02	1043	1053	1044	N26	W60	.909	8785	27.9	10	-N			.50				1 1 1	
ATHN	02	1043	1053	1044	N26	W60	.909	8785	27.9	10	-N	2	1044	.50	1.10	1.50			
GRP 5475	02	1155	1201	1156	S22	W54	.821	8788	28.4	6	-N			.50				1 1 1	
ATHN	02	1155	1201	1156	S22	W54	.821	8788	28.4	6	-N	2	1156	.50	.60	1.90			
GRP 5476	02	1208	1215	1209	S20	E18	.402	8791	3.9	7	-N			.50				1 1 1	
ATHN	02	1208	1215	1209	S20	E18	.402	8791	3.9	7	-N	2	1209	.50	.60	1.60			
GRP 5477	02	1245	1305	1247	S22	W54	.821	8788	28.5	20	-N			.50				1 1 1	
ATHN	02	1245	1305	1247	S22	W54	.821	8788	28.5	20	-N	2	1247	.50	.60	1.80			
GRP 5478	02	1324	1338	1326	S21	E14	.370	8791	3.6	14	-N			.91				2 2 2	
SACP	02	1324	1344	1326	S22	E13	.373	8791	3.5	20	-N	C		.65	.65				
ATHN	02	1325E	1332	1326	S20	E14	.358	8791	3.6	7D	-N	2	1326	1.16	1.20	1.80			
GRP 5479	02	1418	1444	1426	N18	E61	.899	8798	7.2	26	1N			1.62				2 2 2	
SACP	02	1418	1444	1425	N17	E61	.897	8798	7.2	26	1N	C		1.41	2.27				
ATHN	02	1422E	1448D		N16	E60	.888	8798	7.1	26D	1N	1	1426	1.82	4.00	1.40			
ATHN	02	1425	1444	1426	N21	E61	.905	8798	7.2	19	-N	1	1426	.50	1.00	1.40			
GRP 5480	02	1803	1831	1810	N27	W62	.923	8785	28.1	28	-F			.49				3 3 3	
LOCK	02	1800	1837	1810	N26	W61	.915	8785	28.2	37	-N	C	1810	.70	1.50		20		
HOU5	02	1806	1824	1809	N27	W62	.923	8785	28.1	18	-F	C		.52	1.10		100		
HUAN	02	1807E	1811D		N28	W62	.925	8785	28.1	4D	-F	1	1810	.25				D	
GRP 5481	02	1926	2005	1932	S20	W42	.693	8788	29.7	39	-F			.40				3 3 3	
LOCK	02	1924	2005	1930	S20	W43	.704	8788	29.6	41	-F	C	1930	.60	.90		10	J	
HALE	02	1928	2004D	1933	S20	W41	.682	8788	29.7	36D	-N	2	1933	.36	.50				
HUAN	02	1931E	1936D		S20	W43	.704	8788	29.6	5D	-F	1	1932	.25	.29			D	
GRP 5482	02	1939	2012	1949	S21	E10	.334	8791	3.6	33	-B			.70				4 4 4	
LOCK	02	1937	2010	1950	S20	E10	.320	8791	3.6	33	-N	C	1950	.80	.90		20	J	
HALE	02	1941	2004D	1950	S21	E09	.326	8791	3.5	23D	-B	3	1950	.62	.70			E	
MOMA	02	1944E	2020		S21	E09	.326	8791	3.5	36D	-B	C	1944	.62	.70			E	
HUAN	02	1947E	2007		S21	E10	.334	8791	3.6	20D	-N	1	1950	.77	.77			E	
GRP 5483	02	2113	2115	2114	S18	W45	.721	8788	29.5	2	-F			.52				1 1 1	
CULG	02	2113	2115	2114	S18	W45	.721	8788	29.5	2	-F	C		.52	.70				
GRP 5484	02	2151	2317	2245	S19	W46	.735	8788	29.5	86	-N			.71				2 2 2	
CULG	02	2151	2323	2249	S20	W47	.748	8788	29.4	92	-N	C		.62	.90				
LOCK	02	2215	2310	2240	S18	W45	.721	8788	29.6	55	-F	C	2240	.80	1.20		10	JK	

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	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 H α		MAX. INT. %
1967 MAY																		
GRP 5505	03	1542	1707	1550	N17	W50	.805	8796	29.9	85	1B						1 1 1	
ARCE	03	1542	1707	1550	N17	W50	.805	8796	29.9	85	1B	C	1550	2.55	4.30		CW	
GRP 5506	03	1542	1707	1618	N17	W50	.805	8796	29.9	85	2B						1 1 1	
ARCE	03	1542	1707		N17	W50	.805	8796	29.9	85	2B		1618	5.06	8.60			
GRP 5507	03	1616	1637	1619	S21	E01	.293	8791	3.8	21	-N						4 4 4	
LOCK	03	1614	1645	1620	S16	E01	.209	8791	3.8	31	-N	C	1620	1.10	1.20	10		
SACP	03	1616	1634U	1619	S22	E02	.311	8791	3.8	18U	-N	C		1.21	1.19		D	
HUAN	03	1616	1635	1620	S22	W01	.310	8791	3.6	19	-N	2	C	1620	.50	.49		EK
MCMA	03	1617	1632	1618	S22	E00	.309	8791	3.7	15	-N	C	1618	.62	.70		2 2 1	
GRP 5508	03	1624	1634	1630	S22	W01	.310	8791	3.6	10	-N							
MCMA	03	1617	1632	1629	S22	E00	.309	8791	3.7	15	-N							
ARCE	03	1630	1636	1631	S21	W02	.294	8791	3.5	6	-N	C	1631	.83	.90			
GRP 5509	03	1657	1728	1710	S17	W55	.823	8788	29.6	31	-F						1 1 1	
LOCK	03	1657	1728	1710	S17	W55	.823	8788	29.6	31	-F	C	1710	.30	.50	10		
GRP 5510	03	1708	1728	1714	S21	W02	.294	8791	3.6	20	-F						3 3 2	
SACP	03	1707U	1726U	1710	S20	W01	.276	8791	3.6	19U	-F	2	C		1.11	1.09		D
HUAN	03	1708	1722		S22	W02	.311	8791	3.6	14	-N	C	1715	.21	.21			
LOCK	03	1708	1735	1716	S20	W02	.278	8791	3.6	27	-N	C	1716	.80	.90	10		
GRP 5511	03	1800	1813	1805	S23	W57	.850	8788	29.5	13	-F						1 1 1	
LOCK	03	1800	1813	1805	S23	W57	.850	8788	29.5	13	-F	C	1805	.70	1.30	10		
GRP 5512	03	2055	2115	2101	N10	W32	.571	8796	1.5	20	-F						2 2 2	
SACP	03	2054	2109	2100	N08	W32	.561	8796	1.5	15	-F	C		.34	.39			
LOCK	03	2056	2120	2102	N12	W31	.570	8796	1.5	24	-F	C	2102	.30	.40	10		
GRP 5513	03	2115	2124	2118	S24	W63	.897	8788	29.2	9	-F						1 1 1	
LOCK	03	2115	2124	2118	S24	W63	.897	8788	29.2	9	-F	C	2118	.20	.40	10		
GRP 5514	03	2225	2310	2230	N09	W32	.566	8796	1.5	45	-F						1 1 0	
LOCK	03	2225	2310	2230	N09	W32	.566	8796	1.5	45	-F	C		.30				
GRP 5515	03	2225	2310	2250	N09	W32	.566	8796	1.5	45	-F						1 1 1	
LOCK	03	2225	2310	2250	N09	W32	.566	8796	1.5	45	-F	C	2250	.30	.40	10		
GRP 5516	03	2303	2320	2307	S23	W61	.881	8788	29.4	17	-F						1 1 1	
LOCK	03	2303	2320	2307	S23	W61	.881	8788	29.4	17	-F	C	2307	.20	.40	10		
GRP 5517	04	0036	0105	0042	S22	W62	.888	8788	29.4	29	-N						2 2 2	
LOCK	04	0030	0105	0033	S23	W64	.903	8788	29.2	35	-F	C	0033	.41	.80	10		
LOCK	04	0030	0105	0038	S23	W64	.903	8788	29.2	35	-F	C	0038	.40	.80	10		
HALE	04	0042	0102D	0050	S21	W60	.872	8788	29.5	20D	-N	1	P	0050	.41	.80		
GRP 5518	04	0115	0134	0120	S27	W66	.920	8788	29.1	19	-N						2 2 2	
SACP	04	0114	0132	0121	S28	W65	.915	8788	29.2	18	-N	C		.47	.81			
LOCK	04	0115	0135	0119	S25	W67	.924	8788	29.0	20	-N	C	0119	.50	1.10	20		
GRP 5519	04	0120	0307	0214	N30	E25	.662	8798	5.9	107	2N						2 2 2	
CULG	04	0113E	0254D	0216	N30	E24	.655	8798	5.9	101D	2N	P		5.13	5.46		CFS	
HALE	04	0126	0320D	0212	N33	E25	.692	8798	5.9	114D	2N	1	P	0212	4.38	6.10		CFGS
HALE	04	0303	0320D	0314	N27	E28	.657	8798	6.2	17D	1N	1	P	0314	1.86	2.40		F
GRP 5520	04	0440	0455	0440	S21	W08	.322	8791	3.6	15	-F						1 1 1	
IKOM	04	0440	0455D		S21	W08	.322	8791	3.6	15D	-F	V	0440	1.13	1.20		E	
GRP 5521	04	0555	0617	0605	S21	W08	.322	8791	3.6	22	-F						1 1 1	
IKOM	04	0555E	0617D		S21	W08	.322	8791	3.6	22D	-F	V	0605	1.24	1.30		E	
GRP 5522	04	0810	0819	0812	N15	W37	.659	8796	1.6	9	-N						1 1 1	
ATHN	04	0810	0819	0812	N15	W37	.659	8796	1.6	9	-N	1		.66	.90	1.60		
GRP 5523	04	0859	0917	0901	S20	W09	.315	8791	3.7	18	-N						5 5 5	
MANI	04	0857E	0918	0859	S22	W09	.344	8791	3.7	21D	-N	2		.71				
MONT	04	0858	0915	0900	S20	W08	.307	8791	3.8	17	-F	C	0859	1.13	1.20		O	
UCCL	04	0859	0907D	0902	S20	W08	.307	8791	3.8	8D	-F	P	0902	.50			EHJ	
CRON	04	0900	0914	0904	S20	W11	.331	8791	3.5	14	-N	C		1.03	1.20	200		
ARCE	04	0900	0920	0900	S19	W10	.309	8791	3.6	20	-N	C	0900	.30	.32			
GRP 5524	04	1030	1140	1050	S18	W13	.326	8791	3.5	70	-F						2 1 1	
MONT	04	1030	1130	1050	S23	W12	.381	8791	3.5	60	-F	C	1050	.58	.60			
SALO	04	1115	1150		S13	W14	.285	8791	3.4	35	1N	V	1130	1.20		1.50	O	
GRP 5525	04	1115	1150	1130	N28	E43	.790	8798	7.7	35	1N						1 1 0	
SALO	04	1115	1150		N28	E43	.790	8798	7.7	35	1N	V	1130	1.90		1.50		
GRP 5526	04	1115	1150	1130	S13	W66	.912	8788	29.5	35	1N						1 1 0	
SALO	04	1115	1150		S13	W66	.912	8788	29.5	35	1N	V	1130	1.90		1.40		
GRP 5527	04	1115	1150	1130	N20	W41	.729	8787	1.4	35	1N						1 1 0	
SALO	04	1115	1150		N20	W41	.729	8787	1.4	35	1N	V	1130	1.90		1.30		
GRP 5528	04	1208	1237	1210	N23	E18	.532	8795	5.9	29	1N						4 4 2	
SALO	04	1150	1230		N30	E18	.616	8795	5.8	40	2B	V	1200	1.90		1.60		
HUAN	04	1206	1243	1211	N22	E17	.511	8795	5.8	37	-N	2	C	1211	.80	.83		E
MONT	04	1209	1212D	1210	N21	E15	.483	8795	5.6	30	-F	C	1210	.30			O	
CAPS	04	1211E	1227D		N20	E20	.514	8795	6.0	16D	1F	1		3.00	3.50	155	E	
GRP 5529	04	1400	1424	1406	S21	W11	.345	8791	3.8	24	-N						2 2 2	
SACP	04	1359	1420	1406	S21	W11	.345	8791	3.8	21	-N	C		.44	.55			
HUAN	04	1400	1427	1405	S21	W10	.337	8791	3.8	27	-F	2	C	1405	.56	.31		E
GRP 5530	04	1537	1543	1538	N13	W41	.696	8796	1.6	6	-F						1 1 1	
HUAN	04	1537	1543	1538	N13	W41	.696	8796	1.6	6	-F	2	C	1538	.31	.36		E

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS		
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α		MAX. INT. %	
					LAT.	MER. DIST.													
GRP 5531	04	1637	1648	1642	N15	W42	.715	8796	1.5	11	-N			.31				1 1 1	
HALE	04	1637	1648	1642	N15	W42	.715	8796	1.5	11	-N	3	C	1642	.31	.40			CDHV
GRP 5532	04	1732	1742	1735	S25	W06	.373	8791	4.3	10	-F			.80				1 1 1	
LOCK	04	1732	1742	1735	S25	W06	.373	8791	4.3	10	-F		C	1735	.80	.90		10	2 2 2
GRP 5533	04	1813	1832	1823	S25	W16	.440	8791	3.6	19	-F			.56					
LOCK	04	1813	1824D	1824U	S25	W16	.440	8791	3.6	11D	-F		C	1824	.80	.90		10	E
HUAN	04	1813	1832		S24	W16	.428	8791	3.6	19	-F	2	C	1821	.31	.31			1 1 1
GRP 5534	04	2039	2113	2043	N10	W52	.805	8796	1.0	34	-F			.25					
HUAN	04	2039	2113		N10	W52	.805	8796	1.0	34	-F	1	C	2043	.25	.33			D
GRP 5535	04	2240	2256	2250	N12	W51	.800	8796	1.1	16	-N			.52					
IKOM	04	2240	2256		N12	W51	.800	8796	1.1	16	-N		V	2250	.52	.80			1 1 1
GRP 5536	04	2321	2334	2326	N11	W52	.807	8796	1.1	13	-F			.75					
SACP	04	2321	2334	2326	N11	W52	.807	8796	1.1	13	-F		C		.75	.99			1 1 1
GRP 5537	05	0001	0007	0003	N18	E82	.994	8803	11.2	6	-F			.56					
SACP	05	0001	0007	0003	N18	E82	.994	8803	11.2	6	-F		C		.56				1 1 1
GRP 5538	05	0240	0304	0243	S23	W21	.469	8791	3.5	24	-F			1.73					
MANI	05	0236	0252	0241	S23	W22	.468	8791	3.5	16	-F	2		1.29	1.48				
MITK	05	0238	0312	0240	S22	W22	.470	8791	3.5	34	1F		C	0241	2.17	2.40			
HALE	05	0245	0307	0249	S23	W20	.458	8791	3.6	22	-N	2	C	0240	.31	.31			F
GRP 5539	05	0245	0254	0247	N12	W43	.714	8796	1.9	9	-N			.15					
MANI	05	0245	0254	0247	N12	W43	.714	8796	1.9	9	-N	2		0247	.15	.22			1 1 1
GRP 5540	05	0434	0442	0436	N13	W48	.772	8796	1.6	8	-N			.39					
ATHN	05	0434	0442	0436	N13	W48	.772	8796	1.6	8	-N	2		0436	.39	.60	1.90		1 1 1
GRP 5541	05	0510	0521	0511	N12	W48	.769	8796	1.6	11	-N			.33					
ATHN	05	0510	0521	0511	N12	W48	.769	8796	1.6	11	-N	2		0511	.33	.50	2.00		1 1 1
GRP 5542	05	0649	0709	0651	N18	E24	.532	8798	7.1	20	-N			.26					
ONDR	05	0649E	0709		N18	E24	.532	8798	7.1	20D	-N		V	0651	.26	.32	2.00		1 1 0
GRP 5543	05	0651	0704	0654	N18	W30	.598	8796	3.0	13	-N			.26					
MANI	05	0651E	0704	0654	N18	W30	.598	8796	3.0	13D	-N	2		0654	.26	.32			1 1 1
GRP 5544	05	0709	0723	0712	S18	W79	.979	8788	29.4	14	-N			.38					
ATHN	05	0709	0720	0711	S16	W78	.976	8788	29.4	11	-N	2		0711	.36		1.90		3 3 2
CRON	05	0709	0723	0711	S20	W80	.983	8788	29.3	14	-N		C		.40	1.20	200		
ONDR	05	0711E	0725		S19	W80	.983	8788	29.3	14D	-F		V	0713	.31		1.60		CDH
GRP 5545	05	0712	0722	0713	S24	W68	.930	8791	30.2	10	-N			.31					
MANI	05	0712E	0722	0713	S24	W68	.930	8791	30.2	10D	-N	2		0713	.31	.65			1 1 1
	05	1010	1015		NO FLARE PATROL														
GRP 5546	05	1110	1150	1120	N26	E30	.664	8798	7.7	40	1N								
SALO	05	1110	1150		N26	E30	.664	8798	7.7	40	1N		V	1120			1.60		1 1 0
GRP 5547	05	1110	1150	1120	S15	W80	.983	8788	29.5	40	3N								
SALO	05	1110	1150		S15	W80	.983	8788	29.5	40	3N		V	1120			1.40		1 1 0
GRP 5548	05	1110	1150	1120	S17	E02	.231	8791	5.6	40	1N								
SALO	05	1110	1150		S17	E02	.231	8791	5.6	40	1N		V	1120			1.50		1 1 0
GRP 5549	05	1110	1150	1120	S13	W24	.430	8791	3.7	40	1N								
SALO	05	1110	1150		S13	W24	.430	8791	3.7	40	1N		V	1120			1.40		1 1 0
GRP 5550	05	1110	1150	1120	N14	W60	.884	8796	1.0	40	1N								
SALO	05	1110	1150		N14	W60	.884	8796	1.0	40	1N		V	1120			1.40		1 1 0
GRP 5551	05	1316	1326	1318	S20	W26	.501	8791	3.6	10	-F			.21					
HUAN	05	1316	1326	1318	S20	W26	.501	8791	3.6	10	-F	2	C	1318	.21	.21			1 1 1
GRP 5552	05	1408	1410	1410	S22	W28	.540	8791	3.5	2	-F			.25					
HUAN	05	1408	1410D		S22	W28	.540	8791	3.5	20	-F	2	P	1410	.25	.26			1 1 1
	05	1410	1420		NO FLARE PATROL														
	05	1540	1600		NO FLARE PATROL														
GRP 5553	05	2343	2352	2343	N13	W58	.866	8796	1.6	9	-N			.15					
HALE	05	2343	2352	2343	N13	W58	.866	8796	1.6	9	-N	1	C	2343	.15	.30			1 1 1
GRP 5554	06	0108	0115		N20	E20	.511	8798	7.5	7	-N			1.44					
MANI	06	0108E	0115		N20	E20	.511	8798	7.5	7D	-N	2		1.44	1.69				
GRP 5555	06	0432	0538	0437	S21	W35	.618	8791	3.6	66	3N			10.02					
CRON	06	0409	0459	0414	S22	W37	.646	8791	3.4	50	2B		C		5.90	7.70	300		
HALE	06	0426	0432D		S20	W34	.601	8791	3.6	6D	-B	1	P	0432	.21	.30			
TACH	06	0433	0545D	0437	S19	W33	.583	8791	3.7	72D	3F		V	0437	12.77	15.80	3.00	123	E
SIBE	06	0437	0545D	0441	S20	W35	.613	8791	3.6	68D	3N		C	0441	11.39	14.30		80	E
KODA	06	0450	0524	0503	S21	W34	.606	8791	3.7	34	2N		P	0458	4.51	5.70	2.12		BI
ATHN	06	0525E	0529D		S23	W35	.629	8791	3.6	40	1B	1		0526	3.63	4.50	2.00		
GRP 5556	06	0657	0703	0701	N14	W61	.891	8796	1.7	6	-F			.40					
CAPS	06	0657E	0703D		N14	W61	.891	8796	1.7	6D	-F	2		0701	.40		159		1 1 1
GRP 5557	06	1309	1310	1310	N14	W67	.932	8796	1.5	1	-F			.25					
HUAN	06	1309E	1310D		N14	W67	.932	8796	1.5	1D	-F	1	P	1310	.25				1 1 1
GRP 5558	06	1400	1450	1420	N18	W67	.936	8796	1.6	50	2N								
SALO	06	1400	1450		N18	W67	.936	8796	1.6	50	2N		S	1420			1.40		1 1 0
GRP 5559	06	1400	1450	1420	S14	W58	.849	8791	2.2	50	1N								
SALO	06	1400	1450		S14	W58	.849	8791	2.2	50	1N		S	1420			1.30		1 1 0
GRP 5560	06	1546	1558	1548	S23	W35	.629	8791	4.0	12	-F			.10					
LOCK	06	1546	1558	1548	S23	W35	.629	8791	4.0	12	-F		C	1548	.10	.10		10	1 1 1
GRP 5561	06	1600	1608	1603	S18	W63	.893	8791	1.9	8	-F			.25					
HUAN																			

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OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS	
	DATE	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION				CMP DAY	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α		MAX. INT. %
GRP	5562	06 1618	1634	1623	N19	W71	.958	8796	1.4	16	-F							2 2 2
HUAN	06 1618	1632	1623	N19	W70	.953	8796	1.4	14	-F	2	C	1623	.31				D
HOUS	06 1621E	1635U	1622	N19	W72	.963	8796	1.3	14U	-F		C		.31	.70		100	E
GRP	5563	06 1730	1805	1756	N15	W69	.944	8796	1.6	35	-F			.40				1 1 1
LOCK	06 1730	1805	1756	N15	W69	.944	8796	1.6	35	-F		C	1756	.40	1.00		10	
GRP	5564	06 1855	1918	1856	N17	W71	.956	8796	1.5	23	-N			.41				2 1 1
HOUS	06 1855E	1916D	1856U	N19	W72	.963	8796	1.4	21D	-N		C		.41	1.10		200	I
LOCK	06 1908	1920	1912	N15	W69	.944	8796	1.6	12	-F		C	1912	.30	.80		10	
GRP	5565	06 1908	1938	1915	N22	E08	.451	8798	7.4	30	-F			.30				1 1 1
LOCK	06 1908	1938	1915	N22	E08	.451	8798	7.4	30	-F		C	1915	.30	.32		10	
GRP	5566	06 2035	2045	2036	N14	W72	.959	8796	1.5	10	-N			.38				4 4 4
HOUS	06 2035E	2039D	2036U	N14	W74	.968	8796	1.3	4D	-N		C		.41	1.10		200	
HALE	06 2035	2045	2036	N15	W72	.960	8796	1.5	10	-N	1	C	2036	.21				
SACP	06 2035	2046	2036	N13	W71	.953	8796	1.5	11	-N		C		.57	1.12			
MCPA	06 2036	2045	2037	N14	W72	.959	8796	1.5	9	-N		C	2037	.31	1.10			E
GRP	5567	07 0055	0113	0102	N18	W72	.962	8796	1.6	18	-F			.60				1 1 1
LOCK	07 0055	0113	0102	N18	W72	.962	8796	1.6	18	-F		C	0102	.60	1.70		10	
GRP	5568	07 0150	0218	0205	S22	W43	.714	8791	3.9	28	-N			.42				2 2 2
CULG	07 0148	0218D	0205	S23	W43	.718	8791	3.8	30D	-N		P		.52	.70			
HALE	07 0152	0217	0205	S21	W42	.699	8791	3.9	25	-F	1	C	0205	.31	.40			
GRP	5569	07 0246	0251	0247	N28	W83	.997	8796	30.9	5	-F			.20				1 1 1
CRON	07 0246	0251	0247	N28	W83	.997	8796	30.9	5	-F		C		.20	.70		100	V
GRP	5570	07 0305	0322	0311	S24	W38	.668	8791	4.3	17	-F			.41				1 1 1
HALE	07 0305	0322	0311	S24	W38	.668	8791	4.3	17	-F	1	C	0311	.41	.60			
GRP	5571	07 0410	0417	0410	S21	W43	.710	8791	3.9	7	-N			.21				1 1 1
HALE	07 0410	0417	0410	S21	W43	.710	8791	3.9	7	-N	1	C	0410	.21	.30			
GRP	5572	07 0504	0517	0507	N22	W22	.551	8798	5.6	13	-N			.52				2 2 1
CULG	07 0457E	0515D	0502	N22	W22	.551	8798	5.6	18D	-N		P		.52	.60			
ATHN	07 0510	0517	0512	N22	W21	.542	8798	5.6	7	-N	2		0512		.60			
GRP	5573	07 0505	0528	0515	S23	W48	.769	8791	3.6	23	-N							1 1 0
ATHN	07 0505	0528	0515	S23	W48	.769	8791	3.6	23	-N	2		0515		1.50			
GRP	5574	07 0954	1006	1000	N18	W90	1.000	8796	30.7	12	-F			.11				1 1 1
CAPE	07 0954	1006	1000	N18	W90	1.000	8796	30.7	12	-F		C	1000	.11				CT
GRP	5575	07 1111	1126	1115	S17	W74	.960	8791	1.9	15	1N			.92				1 1 1
CAPE	07 1111	1126	1115	S17	W74	.960	8791	1.9	15	1N		C	1115	.92	3.30			
GRP	5576	07 1122	1138	1129	N45	W74	.989	8797	1.9	16	1F			1.24				1 1 1
CAPE	07 1122	1138	1129	N45	W74	.989	8797	1.9	16	1F		C	1129	1.24	7.10			C
GRP	5577	07 1246	1303	1251	N21	W85	.998	8796	1.2	17	-N			.35				2 2 2
CAPE	07 1242	1304	1250	N21	W90	1.000	8796	30.8	22	-N		C	1250	.37				V
ATHN	07 1250	1302	1252	N20	W80	.990	8796	1.5	12	-N	2		1252	.33		1.40		
GRP	5578	07 1331	1401	1338	N18	W84	.997	8796	1.3	30	-N			.62				4 4 4
SACP	07 1326	1358	1334U	N18	W82	.994	8796	1.4	32	-F		C		.37				
CAPE	07 1327	1400	1340	N21	W90	1.000	8796	30.8	33	-N		C	1340	.41				
CAPE	07 1333	1356	1339	N18	W90	1.000	8796	30.8	23	-N		C	1339	.37				T
ATHN	07 1333	1402	1335	N20	W80	.990	8796	1.6	29	-N	2		1335	.50		1.40		
ATHN	07 1335	1350	1338	N17	W85	.998	8796	1.2	15	-N	2		1338	.66		1.40		
LOCA	07 1340E	1405	1340	N15	W82	.993	8796	1.4	25D	1N		V	1340	1.05				A
GRP	5579	07 1410	1424	1416	N16	W76	.977	8796	1.9	14	-F			.28				1 1 1
SACP	07 1410	1424E	1416	N16	W76	.977	8796	1.9	14D	-F		C		.28	.67			
GRP	5580	07 1502	1510	1505	S24	W26	.535	8791	5.7	8	-F			.99				1 1 1
ATHN	07 1502E	1510	1505	S24	W26	.535	8791	5.7	8D	-F	1		1505	.99	1.10	1.20		
GRP	5581	07 1514	1535	1516	N12	W77	.978	8796	1.9	21	-F			.20				1 1 1
LOCK	07 1514	1535	1516	N12	W77	.978	8796	1.9	21	-F		C	1516	.20	.60		10	
GRP	5582	07 1607	1625	1610	S22	W54	.824	8791	3.6	18	-N			.39				2 2 2
SACP	07 1605	1630U	1610	S22	W55	.832	8791	3.5	25U	-F		C		.28	.39			
ATHN	07 1608	1620	1610	S21	W52	.803	8791	3.8	12	-N	1		1610	.50	.80	1.70		
GRP	5583	07 1758	1811	1800	S23	W56	.843	8791	3.5	13	-N			.29				2 2 2
SACP	07 1757	1812	1759	S22	W57	.850	8791	3.5	15	-N		C		.28	.39			
LOCK	07 1758	1810	1800	S24	W55	.836	8791	3.6	12	-N		C	1800	.30	.50		10	
GRP	5584	08 0015	0029	0022	S23	W57	.852	8791	3.7	14	-F			.52				1 1 1
CULG	08 0015	0029	0022	S23	W57	.852	8791	3.7	14	-F		C		.52	.90			
GRP	5585	08 0613	0641	0627	S22	W60	.874	8791	3.8	28	1N			1.70				1 1 1
CAPS	08 0613E	0641D		S22	W60	.874	8791	3.8	28D	1N	3		0627	1.70	3.40		164	
GRP	5586	08 1125	1401	1135	S22	W60	.874	8791	4.0	156	2N			4.52				6 5 5
MONT	08 1120	1337D	1135	S21	W60	.873	8791	4.0	137D	2B		C	1140	2.20				OL
KHAR	08 1124	1216D		S22	W58	.858	8791	4.1	52D	3F		P	1133	8.51	17.60	2.40		EHLWZ
ATHN	08 1124	1239	1136	S25	W60	.878	8791	4.0	75	2B	2		1136	3.53	7.00	2.00		
MEUD	08 1127	1221D	1133	S21	W62	.888	8791	3.8	54D	1N		C	1206	2.58	5.00			
CAPE	08 1128	1424D	1136	S21	W60	.873	8791	4.0	176D	2N		C	1136	5.78	12.30			FJLHH
SACP	08 1236E	1255U	1242E	S22	W57	.850	8791	4.2	19U	1N		P		2.56	3.69			

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OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS	
	DATE	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION				CMP DAY	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α		MAX. INT. %
GRP 5587	1967 MAY 08	1127	1434	1204	S22	W59	.866	8791	4.1	187	2N						4 4 3	
MEUD	08	1127	1221D	1206	S21	W62	.888	8791	3.8	54D	1N							
CAPS	08	1141E	1443D		S23	W58	.860	8791	4.1	182D	3N	2	C	1202	10.00	19.00	204	IKL
CAPF	08	1200E	1425		S22	W57	.850	8791	4.2	145D	2N		V	1204	4.22	8.12		H
UCCL	08	1204E	1232D		S20	W60	.872	8791	4.0	28D	3B		P	1205	4.64			EHJ
GRP 5588	08	1314	1443	1316	S22	W60	.874	8791	4.1	89	1N				1.23			4 4 4
ATHN	08	1257	1311	1300	S23	W61	.883	8791	4.0	14	-N	2	C	1300	.66	1.30	1.90	
SACP	08	1259U	1445	1335	S23	W60	.876	8791	4.0	106U	1N		C		2.69	4.08		
HERS	08	1308E	1315D	1312	S19	W59	.863	8791	4.1	7D	-N		P	1312	.72	1.50		D
LOCA	08	1320E	1440	1320	S22	W58	.858	8791	4.2	80D	1N		V	1320	.85	1.70		H
GRP 5589	08	1340	1450	1400	N26	W17	.556	8798	7.3	70	1N						1.20	1 1 0
SALO	08	1340	1450		N26	W17	.556	8798	7.3	70	1N		S	1400				
GRP 5590	08	1342	1439	1405	S20	W59	.864	8791	4.1	57	1N				2.66			4 3 3
LOCA	08	1320E	1440	1403	S22	W58	.858	8791	4.2	80D	1N		V	1403	2.31	4.50		W
SALO	08	1340	1450		S16	W56	.833	8791	4.4	70	1N		S	1400			1.30	
UCCL	08	1343E	1412D		S20	W60	.872	8791	4.1	29D	3N		P	1410	4.64			J
HOUS	08	1400	1426	1405	S21	W61	.881	8791	4.0	26	1F		C		1.03	2.00	100	EH
GRP 5591	08	1443	1526	1452	S23	W56	.843	8791	4.4	43	-N				.76			2 2 2
HOUS	08	1443	1516	1448	S20	W61	.880	8791	4.0	33	-N		C		.41	.80	200	E
CAPS	08	1443E	1529D		S24	W57	.853	8791	4.3	46D	-N	1	C	1455	.70	1.30	190	E
HOUS	08	1459	1522	1506	S24	W50	.792	8791	4.9	23	-F				.41	.70	100	
GRP 5592	08	1516	1522	1518	N20	W19	.500	8798	7.2	6	-F				.60			1 1 1
LOCK	08	1516E	1522	1518	N20	W19	.500	8798	7.2	6D	-F		C	1518	.60	.70	10	
GRP 5593	08	1631	1642	1633	N20	W20	.509	8798	7.2	11	-F				.36			3 3 3
HOUS	08	1630	1647	1633	N21	W19	.511	8798	7.3	17	-F		C		.21	.20	100	
SACP	08	1631	1638	1634	N20	W20	.509	8798	7.2	7	-N		C		.37	.38		
LOCK	08	1631	1642	1633	N20	W20	.509	8798	7.2	11	-F		C	1633	.50	.60	10	
GRP 5594	08	2042	2120	2052	S19	E30	.547	8805	11.1	38	-F				.30			1 1 1
LOCK	08	2042	2120	2052	S19	E30	.547	8805	11.1	38	-F		C	2052	.30	.40	10	
GRP 5595	08	2250	0005	2330	S25	E82	.988	8807	15.1	75	-F				.40			1 1 1
LOCK	08	2250	0005	2330	S25	E82	.988	8807	15.1	75	-F		C	2330	.40	1.40	10	H
GRP 5596	09	0004	0015	0008	S25	W26	.546	8794	7.1	11	-N				.80			1 1 1
LOCK	09	0004	0015	0008	S25	W26	.546	8794	7.1	11	-N		C	0008	.80	1.60	20	
GRP 5597	09	0046	0054	0048	S26	E83	.991	8809	15.3	8	-F				.40			1 1 1
CRON	09	0046	0054	0048	S26	E83	.991	8809	15.3	8	-F		C		.40	1.40	100	
GRP 5598	09	0456	0509	0457	S27	E80	.983	8807	15.2	13	-N				.33			1 1 1
ATHN	09	0456	0509	0457	S27	E80	.983	8807	15.2	13	-N	1	C	0457	.33		1.50	
GRP 5599	09	0700	0723	0713	S27	E76	.970	8807	15.0	23	-F				1.10			1 1 1
BUCA	09	0700	0723		S27	E76	.970	8807	15.0	23	-F		C	0713	1.10			E
GRP 5600	09	0731	0812	0745	S28	E76	.971	8807	15.0	41	-F				.66			1 1 1
BUCA	09	0731	0812		S28	E76	.971	8807	15.0	41	-F		C	0745	.66			
GRP 5601	09	0733	0835	0751	N25	W50	.831	8798	5.6	62	-F				.81			2 2 2
CAPE	09	0731	0825D	0750	N23	W50	.823	8798	5.6	54D	-F		C	0750	.96	1.70		
BUCA	09	0735	0835		N26	W49	.826	8798	5.6	60	-F		C	0751	.66	1.20		
GRP 5602	09	1012	1021	1012	N25	W20	.564	8798	7.9	9	-F							1 1 0
KHAR	09	1012E	1021D		N25	W20	.564	8798	7.9	9D	-F		V	1012			1.20	D
GRP 5603	09	1547	1558	1551	N22	W29	.616	8798	7.5	11	-F				1.02			3 3 3
LOCK	09	1542	1603	1552	N22	W30	.626	8798	7.4	21	-F		C	1552	1.30	1.70	10	
MEUD	09	1549	1554	1550	N22	W29	.616	8798	7.5	5	-F		C	1550	.83	1.00		
SACP	09	1549	1556	1552	N22	W28	.606	8798	7.6	7	-N		C		.92	1.00		
GRP 5604	09	1946	1957	1948	S25	E72	.953	8807	15.2	11	-N				.19			1 1 1
SACP	09	1946	1957	1948	S25	E72	.953	8807	15.2	11	-N		C		.19	.37		
GRP 5605	09	2200	2205	2202	N23	W30	.634	8798	7.7	5	-F				.46			1 1 1
SACP	09	2200	2205	2202	N23	W30	.634	8798	7.7	5	-F		C		.46	.51		
GRP 5606	10	0029	0039	0032	N21	W33	.648	8798	7.5	10	-N				.41			1 1 1
CULG	10	0029	0039	0032	N21	W33	.648	8798	7.5	10	-N		C		.41	.52		
GRP 5607	10	0138	0152	0142	S21	W88	.999	8791	3.5	14	-N				.21			1 1 1
MANI	10	0138E	0152	0142	S21	W88	.999	8791	3.5	14D	-N	2	C	0142	.21	.64		
GRP 5608	10	0207	0214	0209	N21	W33	.648	8798	7.6	7	-N				.52			1 1 1
CULG	10	0207	0214	0209	N21	W33	.648	8798	7.6	7	-N		C		.52	.65		
GRP 5609	10	0741	0758	0744	S21	W85	.995	8791	3.9	17	1N				.50			2 2 2
CAPE	10	0738	0802	0743	S20	W88	.999	8791	3.7	24	1N		C	0743	.69			T
CRON	10	0743	0753	0745	S21	W82	.989	8791	4.2	10	-F		C		.30	1.00	100	J
GRP 5610	10	0804	0840	0817	S20	W86	.996	8791	3.9	36	1N				.92			4 4 3
CAPE	10	0804	0842	0821	S20	W90	1.000	8791	3.6	38	1F		C	0821	1.10			J
MANI	10	0813E	0829	0816	S19	W82	.989	8791	4.2	16D	-N	2	C	0816	.19	.63		
ARCE	10	0815E	0845		S20	W85	.995	8791	4.0	30D	1N		C	0815	.55	2.20		
BUCA	10	0817	0845		S22	W87	.998	8791	3.8	28	1F		C	0838	1.10			
GRP 5611	10	0852	0907	0853	S22	W85	.995	8791	4.0	15	1F				1.10			1 1 1
BUCA	10	0852	0907		S22	W85	.995	8791	4.0	15	1F		C	0853	1.10			
GRP 5612	10	0910	0919	0914	S22	W85	.995	8791	4.0	9	-F				.33			1 1 1
BUCA	10	0910	0919		S22	W85	.995	8791	4.0	9	-F		C	0914	.33			
GRP 5613	10	1047	1100	1047	N19	E56	.860	8806	14.6	13	-N				.66			1 1 1
ATHN	10	1047E	1100		N19	E56	.860	8806	14.6	13D	-N	2	C	1047	.66	1.30	1.30	

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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. MER. DIST.	CENTRAL DISTANCE	MC MATH PLAGE REGION	CMP DAY	TIME — UT				MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. HHT. %	
GRP 5614	10	1051	1250	1154	S22 W87	.998	8791	3.9	119	2N			4.71				3 3 2
CAPE	10	1051	1305	1153	S21 W90	1.000	8791	3.7	134	2N	C	1153	6.41				T
MONT	10	1145	1145D		S23 W87	.998	8791	4.0		2N							OH
CAPS	10	1147E	1235		S23 W85	.995	8791	4.1	48D	2N	3	1155	3.00		216		JK
GRP 5615	10	1151	1236	1211	S20 W85	.995	8791	4.1	45	1N			.72				6 6 3
MCMA	10	1145	1240		S22 W88	.999	8791	3.9	55	2N	C						
CAPS	10	1147E	1235		S23 W85	.995	8791	4.1	48D	2N		1210					
CAPF	10	1150E	1243		S19 W82	.989	8791	4.3	53D	1N	V	1209	1.18				H
SALO	10	1200	1240	1215	S22 W80	.983	8791	4.5	40	2N	V	1215			1.40		
CATA	10	1205E	1230D	1207	S15 W88	.999	8791	3.9	25D	-B		1207	.48			224	
ATHN	10	1215E	1225		S20 W85	.995	8791	4.1	10D	-B	1	1215	.50		1.90		
GRP 5616	10	1241	1256	1245	N19 E55	.852	8806	14.7	15	-N			.66				1 1 1
ATHN	10	1241	1256	1245	N19 E55	.852	8806	14.7	15	-N	1	1245	.66	1.30	1.70		
GRP 5617	10	1907	1930	1915	S20 E57	.848	8807	15.1	23	-F			.40				1 1 1
LOCK	10	1907	1930	1915	S20 E57	.848	8807	15.1	23	-F	C	1915	.40	.80		10	
GRP 5618	10	2129	2144	2132	S22 E58	.859	8807	15.2	15	-N			.76				2 2 2
LOCK	10	2127	2144	2132	S21 E57	.849	8807	15.2	17	-N	C	2132	1.00	1.80		20	
CULG	10	2131	2143	2132	S23 E59	.869	8807	15.3	12	-N	C		.52	1.00			
GRP 5619	11	0052	0100	0056	S22 E56	.843	8807	15.2	8	-F			.41				1 1 1
CULG	11	0052	0100	0056	S22 E56	.843	8807	15.2	8	-F	C		.41	.72			
GRP 5620	11	0418	0432	0423	S21 E45	.734	8807	14.6	14	-N			.21				1 1 1
MANI	11	0418	0432	0423	S21 E45	.734	8807	14.6	14	-N	2	0423	.21	.30			
GRP 5621	11	0547	0559	0548	S22 E57	.851	8807	15.5	12	-N			.33				1 1 1
ATHN	11	0547	0559	0548	S22 E57	.851	8807	15.5	12	-N	2	0548	.33	.60	1.50		
GRP 5622	11	1228	1257	1230	S25 W90	1.000	8791	4.8	29	-N			.50				1 1 1
ATHN	11	1228E	1257	1230	S25 W90	1.000	8791	4.8	29D	-N	1	1230	.50				
GRP 5623	11	1323	1340	1333	S23 E29	.565	8807	13.7	17	-F			.50				1 1 1
CAPS	11	1323E	1340D		S23 E29	.565	8807	13.7	17D	-F	3	1333	.50	.60		149	CD
GRP 5624	11	1530	1620	1540	N29 E82	.995	8810	17.8	50	-F			.60				1 1 1
LOCK	11	1530	1620	1540	N29 E82	.995	8810	17.8	50	-F	C	1540	.60	2.00		10	
GRP 5625	11	1932	2006	1940	S23 E47	.761	8807	15.3	34	-N			.56				1 1 1
SACP	11	1932	2006	1940	S23 E47	.761	8807	15.3	34	-N	C		.56	.69			
GRP 5626	11	2039	2110	2049	S24 E47	.765	8807	15.4	31	-N			.58				3 3 2
LOCK	11	2038E	2110	2050U	S23 E47	.761	8807	15.4	32D	-F	C	2050	.50	.80		10	
HOU5	11	2039	2058	2044	S25 E47	.768	8807	15.4	19	-N	C		.10	.20		200	J
SACP	11	2040	2121	2054	S23 E46	.751	8807	15.3	41	-N	C		.65	.80			
GRP 5627	11	2352	0005	2356	N28 E77	.985	8810	17.8	13	-F			.60				1 1 1
LOCK	11	2352	0005	2356	N28 E77	.985	8810	17.8	13	-F	C	2356	.60	1.90		10	
GRP 5628	12	0033	0105	0048	S24 E44	.735	8809	15.3	32	-N			.81				2 2 2
LOCK	12	0030	0112	0048	S24 E44	.735	8809	15.3	42	-F	C	0048	1.00	1.50		10	
CULG	12	0036	0058	0048	S24 E44	.735	8809	15.3	22	-N	C		.62	.90			
GRP 5629	12	0601	0630	0611	S23 E43	.721	8809	15.5	29	-N			1.00				1 1 1
CAPS	12	0601E	0630D		S23 E43	.721	8809	15.5	29D	-N	3	0611	1.00	1.40		169	E
GRP 5630	12	1301	1313	1303	S24 E35	.640	8807	15.2	12	-N			.57				3 3 2
ONDR	12	1300E	1312		S25 E36	.656	8807	15.2	12D	-F	V	1302			1.90		CD
MCMA	12	1301	1316	1303	S23 E33	.611	8807	15.0	15	-N	C	1303	.31				D
ATHN	12	1303E	1312	1304	S24 E36	.651	8807	15.2	9D	-N	1	1304	.83	1.10	1.60		
GRP 5631	12	1305	1310	1306	S23 E39	.678	8809	15.5	5	-N			.24				2 2 2
MONT	12	1304	1310D		S23 E38	.667	8809	15.4	6D	-N	C	1306	.30				O
ATHN	12	1305	1310	1306	S23 E39	.678	8809	15.5	5	-N	1	1306	.17	.20	1.50		
GRP 5632	12	1330	1340	1332	N23 E90	1.000	8810	19.3	10	-N			.33				1 1 1
ATHN	12	1330	1340	1332	N23 E90	1.000	8810	19.3	10	-N	1	1332	.33				
GRP 5633	12	1401	1412	1402	N07 E35	.593	8806	15.2	11	-N			.50				1 1 1
ATHN	12	1401	1412	1402	N07 E35	.593	8806	15.2	11	-N	1	1402	.50	.60	1.40		
GRP 5634	12	1535	1558	1544	N23 W66	.936	8798	7.7	23	-F			.60				3 3 3
CAPS	12	1534E	1558D		N24 W67	.942	8798	7.6	24D	-F	2	1547	.60			155	
HUAN	12	1535	1555		N23 W66	.936	8798	7.7	20	-F	1	1541	.62				
SACP	12	1535	1600	1545	N23 W66	.936	8798	7.7	25	-F	C		.57	1.03			
GRP 5635	12	1753	1833	1803	N25 W68	.949	8798	7.6	40	1N			1.87				5 5 4
SACP	12	1745	1830	1802	N23 W68	.946	8798	7.6	45	1B	C		2.25	4.34			
LOCK	12	1755	1845	1809	N24 W67	.942	8798	7.7	50	2N	C	1809	3.20	8.00		20	
HUAN	12	1756	1823	1802	N23 W68	.946	8798	7.6	27	-B	2	1802	.88				
HOU5	12	1757	1814U	1800	N26 W68	.950	8798	7.6	17U	1N	C		1.13	2.80		200	EHJ
MCMA	12	1800E	1815D		N27 W67	.946	8798	7.7	15D	-N	C	1800	.41	1.00			
GRP 5636	12	1853	1902	1855	N25 W66	.938	8798	7.8	9	-N			.10				2 2 2
LOCK	12	1852	1905	1855	N24 W64	.926	8798	8.0	13	-F	C	1855	.10	.30		10	
HOU5	12	1853	1859	1855	N25 W68	.949	8798	7.7	6	-N	C		.10	.30		200	I
GRP 5637	12	1946	1959	1949	N28 E62	.921	8810	17.5	13	-N			.31				2 2 2
HOU5	12	1945	1957	1949	E60	.903	8810	17.3	12	-N	C		.21	.40		200	
LOCK	12	1946	2000	1948	N30 E63	.931	8810	17.5	14	-F	C	1948	.40	.90		10	
GRP 5638	12	2023	2033	2025	N25 W68	.949	8798	7.7	10	-N			.21				2 2 2
HOU5	12	2022	2030	2024	N26 W69	.954	8798	7.7	8	-N	C		.21	.50		200	I
LOCK	12	2023	2035	2026	N23 W67	.941	8798	7.8	12	-F	C	2026	.20	.50		10	

SOLAR FLARES

MAY 1967

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MC MATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %	
					LAT.	MER. DIST.												
	1967																	
	MAY																	
GRP 5639	12	2117	2132	2120	N25	W71	.962	8798	7.6	15	-N				.28			4 3 3
HOUS	12	2106E	2121	2107	N31	W75	.981	8798	7.3	15D	-F				.21			
HALE	12	2115E	2130	2120	N23	W71	.960	8798	7.6	15D	-N	1	C	2120	.21	.60	100	
CULG	12	2118	2136	2120	N23	W70	.956	8798	7.6	18	-N	1	C		.41			
HUAN	12	2134E	2140D		N23	W69	.951	8798	7.7	6D	-F	1	P	2138	.21			D
GRP 5640	12	2157	2216	2202	N23	W70	.956	8798	7.7	19	1N				.76			6 6 6
CULG	12	2151	2217	2200	N23	W70	.956	8798	7.7	26	-N		C		.52			
SACP	12	2153	2215	2201	N23	W69	.951	8798	7.7	22	1F		C		1.12	2.26		
HOUS	12	2156	2207	2200	N25	W70	.958	8798	7.7	11	1N		C		.83	2.10	200	I
HUAN	12	2156	2216	2200	N23	W68	.946	8798	7.8	20	-N	1	C	2200	.50			
HALE	12	2201	2205D		N23	W71	.960	8798	7.6	4D	-N	1	P	2202	.41			
MANI	12	2202	2223	2208	N22	W70	.955	8798	7.7	21	1F	2		2208	1.19	2.66		
GRP 5641	12	2328	2351	2342	N22	W70	.955	8798	7.7	23	-F				.37			2 2 2
MANI	12	2321E	2340D		N22	W70	.955	8798	7.7	19D	-F	2			.46	1.04		
SACP	12	2335	2351	2342	N22	W70	.955	8798	7.7	16	-F		C		.28	.57		
GRP 5642	13	0024	0036	0029	S16	W03	.232	8804	12.8	12	-F				.45			3 3 3
CULG	13	0023	0035	0028	S16	W05	.242	8804	12.6	12	-N		C		.50	.50		
SACP	13	0024	0037	0029	S17	W03	.249	8804	12.8	13	-F		C		.46	.45		
LOCK	13	0025	0035	0029	S16	W02	.229	8804	12.9	10	-F		C	0029	.40	.41	10	
GRP 5643	13	0120	0143	0124	N24	W70	.957	8798	7.8	23	-N				.45			4 4 4
CULG	13	0117	0155	0123	N23	W70	.956	8798	7.8	38	-N		C		.41			
LOCK	13	0118	0140	0122	N23	W67	.941	8798	8.0	22	-F		C	0122	.30	.80	10	
SACP	13	0119	0144D	0124D	N23	W70	.956	8798	7.8	25D	-N		C		.67	1.36		
CRON	13	0124	0132	0127	N25	W74	.974	8798	7.5	8	-F		C		.40	1.10	100	E
GRP 5644	13	0228	0244	0232	N21	W75	.975	8798	7.5	16	1F				.70			1 1 1
CRON	13	0228	0244	0232	N21	W75	.975	8798	7.5	16	1F		C		.70	2.00	100	E
GRP 5645	13	0948	1025	1000	N24	W79	.988	8798	7.5	37	-F				.23			1 1 1
CAPE	13	0948	1025	1000	N24	W79	.988	8798	7.5	37	-F		C	1000	.23	1.32		
GRP 5646	13	1029	1038	1030	S26	E22	.519	8807	15.1	9	-F				.54			2 2 2
CAPE	13	1028	1040	1030	S26	E23	.529	8807	15.2	12	-F		C	1030	.55	.60		F
MEUD	13	1029	1035		S26	E20	.500	8807	14.9	6	-F		C	1030	.52	.60		E
GRP 5647	13	1244	1250	1245	S24	W26	.542	8804	11.6	6	-N				.60			1 1 1
CAPE	13	1244	1250	1245	S24	W26	.542	8804	11.6	6	-N		C	1245	.60	.70		
GRP 5648	13	1244	1256	1245	N23	E56	.869	8810	17.7	12	-F				.15			1 1 1
MEUD	13	1244	1256	1245	N23	E56	.869	8810	17.7	12	-F		C	1245	.15	.30		D
GRP 5649	13	1619	1632	1622	N24	W80	.990	8798	7.7	13	-N				.45			2 2 2
HUAN	13	1619	1626		N24	W82	.994	8798	7.5	7	-F	1	C	1621	.25			D
SACP	13	1619	1637		N23	W78	.985	8798	7.8	18	-N		C		.65			
GRP 5650	13	1718	1727	1720	N22	W78	.985	8798	7.9	9	-F				.10			1 1 1
LOCK	13	1718	1727	1720	N22	W78	.985	8798	7.9	9	-F		C	1720	.10	.30	10	
GRP 5651	13	1744	1758	1747	N19	W83	.995	8798	7.5	14	-N				.41			2 2 2
HUAN	13	1743	1751		N18	W88	1.000	8798	7.1	8	-N	1	C	1746	.31			
LOCK	13	1744	1805	1747	N17	W77	.980	8798	8.0	21	-F		C	1747	.30	.90	20	
LOCK	13	1751	1823	1808	N24	W78	.986	8798	7.9	32	-F		C	1808	.20	.60	10	
GRP 5652	13	2237	2320	2250	S24	W06	.373	8807	13.5	43	-F				.40			1 1 1
LOCK	13	2237	2320	2250	S24	W06	.373	8807	13.5	43	-F		C	2250	.40	.42	10	
GRP 5653	13	2319	2335	2321	S22	E20	.458	8809	15.5	16	-F				.20			1 1 1
LOCK	13	2319	2335	2321	S22	E20	.458	8809	15.5	16	-F		C	2321	.20	.21	10	
GRP 5654	14	1257	1301	1258	N24	W90	1.000	8798	7.8	4	-F				.21			1 1 1
HUAN	14	1257	1301	1258	N24	W90	1.000	8798	7.8	4	-F	2	C	1258	.21			D
GRP 5655	14	1357	1440	1403	S18	E68	.929	8813	19.7	43	-N				.48			2 2 2
SACP	14	1357	1440	1403	S18	E66	.916	8813	19.5	43	-N		C		.56	.95		
CAPS	14	1403E	1408D		S18	E70	.940	8813	19.8	5D	-F	3			.40		150	CE
GRP 5656	14	1445	1453	1447	S27	E06	.421	8807	15.1	8	-F				.25			1 1 1
HUAN	14	1445	1453	1447	S27	E06	.421	8807	15.1	8	-F	2	C	1447	.25	.25		D
GRP 5657	14	1534	1626	1547	S25	E07	.394	8807	15.2	52	1N				3.15			7 7 5
SALO	14	1530	1610	1550	S18	E07	.287	8807	15.2	40	1N		V	1550			1.20	
MCMA	14	1534E	1546D		S28	E06	.436	8807	15.1	12D	-N		C	1544	.77	.80		E
CAPS	14	1535E	1603D		S27	E12	.451	8807	15.5	28D	1N	2		1544	2.40	2.70	193	E
LOCK	14	1535	1625	1547	S28	E06	.436	8807	15.1	50	1N		C	1547	2.10	2.30	20	
SACP	14	1535	1630U	1549	S27	E08	.429	8807	15.2	55U	1N		C		3.74	3.79		
ATHN	14	1542E	1640	1546	S24	E02	.363	8807	14.8	58D	1N	1		1546	4.58	4.90	1.80	
CAPF	14	1546E	1600D		S23	E07	.363	8807	15.2	14D	1N		P	1547	2.94	3.13		
GRP 5658	14	1559	1653	1608	S27	E08	.429	8807	15.3	54	1N				2.45			2 2 2
HUAN	14	1533	1645		S27	E10	.439	8807	15.4	72	1N	1	C	1604	3.25	3.30		
HALE	14	1559	1700	1611	S26	E06	.405	8807	15.1	61	-N	2	C	1611	1.65	1.80		IF
GRP 5659	14	1900	1920	1906	S17	E37	.629	8809	17.6	20	-F				.26			2 2 2
HUAN	14	1859	1910		S16	E37	.625	8809	17.6	11	-F	1	C	1902	.21	.23		D
LOCK	14	1900	1930	1910	S17	E37	.629	8809	17.6	30	-F		C	1910	.30	.40	10	J
GRP 5660	14	2043	2050	2045	S15	E82	.989	8816	21.0	7	-N				.20			1 1 1
LOCK	14	2043	2050	2045	S15	E82	.989	8816	21.0	7	-N		C	2045	.20	.70	20	H
GRP 5661	14	2109	2115	2111	S15	E82	.989	8816	21.0	6	-F				.20			1 1 1
LOCK	14	2109	2115	2111	S15	E82	.989	8816	21.0	6	-F		C	2111	.20	.70	10	H

SOLAR FLARES

MAY 1967

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hg	
1967 MAY																	
GRP 5663	14	2355	0030	0015	S24	E47	.767	8809	18.5	35	-F						1 1 1
LOCK	14	2355	0030	0015	S24	E47	.767	8809	18.5	35	-F						10
GRP 5664	15	0102	0127	0105	S12	E85	.995	8816	21.4	25	-F			0015	.40	.60	
LOCK	15	0102	0114	0105	S11	E90	1.000	8816	21.8	12	-F			0105	.44		10
SACP	15	0113	0139	0122	S13	E79	.981	8816	21.0	26	-F				.30	1.20	
GRP 5665	15	0228	0241	0231	S13	E81	.987	8816	21.2	13	-N				.57	1.44	
CRON	15	0228	0241	0231	S13	E81	.987	8816	21.2	13	-N				.20		200
GRP 5666	15	0535	0555		S15	E80	.984	8816	21.2	30	-F				.20	.70	
MANI	15	0535E	0555		S15	E80	.984	8816	21.2	20D	-F	1			.52		200
GRP 5667	15	0701	0716	0710	S11	E80	.984	8816	21.3	15	1N				.52	1.38	
BUCA	15	0656	0716	0710	S10	E79	.981	8816	21.2	20	1N				.66		
CAPE	15	0706	0715	0710	S11	E80	.984	8816	21.3	9	-F				.77		
															.55	3.17	
GRP 5668	15	0807	0824	0816	S14	E80	.984	8816	21.3	17	1N				.44		
BUCA	15	0800	0827	0816	S12	E79	.981	8816	21.3	27	1N				.55		
ATHN	15	0814	0821	0816	S15	E81	.987	8816	21.4	7	-N	2			.33		1.60
GRP 5669	15	0857	0919	0902	S13	E79	.981	8816	21.3	22	1N				.71		
CAPE	15	0854	0921	0905	S13	E80	.984	8816	21.4	27	1N				.78	4.50	
ATHN	15	0855	0911	0859	S14	E80	.984	8816	21.4	16	-N	2			.33		1.80
BUCA	15	0857	0924	0904	S12	E78	.977	8816	21.2	27	1B				.55		
CAPP	15	0900	0920D		S13	E79	.981	8816	21.3	20D	1N				1.18		
GRP 5670	15	0924	0944	0929	S15	E81	.987	8816	21.5	20	1N				.77		
ATHN	15	0922	0935	0926	S14	E80	.984	8816	21.4	13	-B	2			.50		2.00
BUCA	15	0922	0953	0926	S14	E78	.977	8816	21.2	31	1B				.55		
CAPE	15	0924	0951	0927	S16	E85	.995	8816	21.8	27	-N				.51		
ONDR	15	0925E	0936		S15	E76	.969	8816	21.1	11D	-N						2.10
SALO	15	0925	1025		S14	E83	.992	8816	21.6	60	3N						1.40
CAPS	15	0928E	0939D		S15	E80	.984	8816	21.4	11D	1N	2			1.50		170
KHAR	15	0929E	0949D		S15	E82	.989	8816	21.5	20D	2N						3.30
GRP 5671	15	0931	1000	0940	S14	E80	.984	8816	21.4	29	-N				.81		
CAPE	15	0924	0951	0937	S16	E85	.995	8816	21.8	27	-N				1.28		
BUCA	15	0937	1008	0942	S12	E74	.960	8816	21.0	31	-N				.33		
GRP 5672	15	1009	1031	1012	S13	E79	.981	8816	21.3	22	1N				.58		
BUCA	15	1008	1038		S12	E78	.977	8816	21.3	30	1F				.55		
CAPE	15	1010	1024	1012	S13	E80	.984	8816	21.4	14	1N				.60	3.10	
GRP 5673	15	1058	1114	1101	S14	E79	.981	8816	21.4	16	-N				.31		
CAPE	15	1057	1111	1100	S13	E80	.984	8816	21.5	14	-N				.32	8.10	
CANA	15	1058	1116	1101	S14	E78	.977	8816	21.3	18	-N				.30	.90	200
GRP 5674	15	1131	1157	1136	S14	E78	.977	8816	21.3	26	-N				.30		
CANA	15	1131	1157	1136	S14	E78	.977	8816	21.3	26	-N				.30	.90	200
GRP 5675	15	1200	1230	1220	S12	E24	.431	8809	17.3	30	1N						1.30
SALO	15	1200	1230		S12	E24	.431	8809	17.3	30	1N						
GRP 5676	15	1328	1341	1333	S12	E75	.965	8816	21.2	13	-F				.27		
CAPE	15	1328	1341	1333	S12	E75	.965	8816	21.2	13	-F				.27	1.00	
GRP 5677	15	1400	1407	1402	S12	E75	.965	8816	21.2	7	-N				.33		
CANA	15	1400	1406	1402	S12	E77	.973	8816	21.4	6	-N				.20	.60	200
SACP	15	1400	1407	1402	S11	E72	.950	8816	21.0	7	-F				.46	.93	
GRP 5678	15	1547	1603	1551	N15	W44	.731	8803	12.4	16	-F				.10		
LOCK	15	1547	1603	1551	N15	W44	.731	8803	12.4	16	-F				.10		10
GRP 5679	15	1706	1716	1708	S23	W02	.349	8809	15.6	10	-F				.20		
LOCK	15	1706	1716	1708	S23	W02	.349	8809	15.6	10	-F				.20	.21	10
GRP 5680	15	1853	1920	1858	N09	W37	.625	8803	13.0	27	-F				.20		
LOCK	15	1853	1920	1858	N09	W37	.625	8803	13.0	27	-F				.20	.30	10
GRP 5681	15	2229	2230		S15	E70	.940	8816	21.2	1	-F				.36		
MANI	15	2229E	2230D		S15	E70	.940	8816	21.2	1D	-F	1			.36	.72	
GRP 5682	16	0014	0035	0017	N28	E24	.620	8810	17.8	21	-F				.20		
LOCK	16	0014	0035	0017	N28	E24	.620	8810	17.8	21	-F				.20	.30	10
GRP 5683	16	0019	0032	0022	S16	E18	.378	8809	17.4	13	-F				.10		
LOCK	16	0019	0032	0022	S16	E18	.378	8809	17.4	13	-F				.10	.11	10
GRP 5684	16	0201	0212	0203	S17	E15	.352	8809	17.2	11	-N				.50		
CRON	16	0201	0212	0203	S17	E15	.352	8809	17.2	11	-N				.50	.52	200
GRP 5685	16	0446	0531	0447	N16	W78	.982	8803	10.3	45	-N				.33		
ATHN	16	0446E	0514	0447	N16	W78	.982	8803	10.3	28D	-N	1			.33		1.30
MANI	16	0508E	0513		N19	W72	.961	8803	10.8	5D	-F	2			.31	.65	
ATHN	16	0514	0531	0525	N16	W78	.982	8803	10.4	17	-N	1			.33		1.30
GRP 5686	16	0535	0554	0539	N17	E27	.546	8810	18.3	19	-N				.93		
IKOM	16	0530E	0548D	0535	N17	E30	.581	8810	18.5	18D	-B				1.55	1.90	.98
ATHN	16	0531	0550	0538	N17	E30	.581	8810	18.5	19	-N	1			1.32	1.50	1.80
MANI	16	0538E	0600	0541	N23	E21	.541	8810	17.8	22D	-N	1			.46	.55	
CRON	16	0541	0553	0543	N12	E25	.482	8810	18.1	12	-N				.40	.50	200
GRP 5687	16	0701	0718	0706	S15	E14	.319	8809	17.3	17	1N				2.26		
ATHN	16	0658	0718	0708	S15	E13	.307	8809	17.3	20	-N	1			.99	1.00	1.80
CAPE	16	0703	0718	0704	S15	E15	.331	8809	17.4	15	1N				3.53	3.70	
GRP 5688	16	0713	0723	0714	N17	E26	.534	8810	18.3	10	-N				.50		
ATHN	16	0713	0723	0714	N17	E26	.534	8810	18.3	10	-N	1			.50	.60	1.40

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OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IMPOR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS		
	DATE	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION				CMP DAY	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα		MAX. INT. %	
GRP 5689	1967 MAY 16	0749	0756	0751	S23	W18	.452	8807	15.0	7	-N							2 2 2	
CAPE	16	0745	0753	0748	S22	W18	.441	8807	15.0	8	-N	C	0748	.57	.83	.90		V	
CRON	16	0753	0758	0754	S24	W17	.454	8807	15.1	5	-N	C		.30	.32		200		
GRP 5690	16	0947	0958	0950	N15	E24	.493	8810	18.2	11	-N			.37				3 3 3	
MANI	16	0946	1002D	0950	N13	E24	.477	8810	18.2	16D	-N	2	0950	.36	.41				
ATHN	16	0947	0955	0950	N15	E25	.505	8810	18.3	8	-N		0950	.33	.40		1.60		
CAPE	16	0949	0957	0951	N17	E24	.511	8810	18.2	8	-N	C	0951	.41	.50			T	
GRP 5691	16	1030	1040	1034	N17	E47	.770	8810	20.0	10	-N			.46				1 1 1	
CAPE	16	1030	1040	1034	N17	E47	.770	8810	20.0	10	-N	C	1034	.46	.70				
GRP 5692	16	1036	1041	1036	N15	E55	.840	8817	20.6	5	1F			1.14				1 1 1	
CAPE	16	1036	1041	1036	N15	E55	.840	8817	20.6	5	1F	C	1036	1.14	2.10				
GRP 5693	16	1121	1128	1124	S23	W18	.452	8807	15.1	7	-N			.47				2 2 2	
CAPE	16	1120	1129	1124	S22	W20	.461	8807	15.0	9	-F	C	1124	.60	.70				
ATHN	16	1122	1127	1123	S23	W16	.433	8807	15.3	5	-N	2	1127	.33	.40		1.40		
GRP 5694	16	1243	1257	1244	N17	E46	.759	8810	20.0	14	-N			.60				1 1 1	
CAPE	16	1243	1257	1244	N17	E46	.759	8810	20.0	14	-N	C	1244	.60	.90			K	
GRP 5695	16	1243	1257	1252	N17	E46	.759	8810	20.0	14	-F			.37				1 1 1	
CAPE	16	1243	1257	1252	N17	E46	.759	8810	20.0	14	-F	C	1252	.37	.60				
GRP 5696	16	1325	1337	1328	S23	W21	.482	8807	15.0	12	-F			.42				3 3 3	
HUAN	16	1325	1337	1327	S24	W21	.493	8807	15.0	12	-F	1	C	1327	.21	.21			D
SACP	16	1325	1337	1329	S24	W21	.493	8807	15.0	12	-F	C		.19	.19				
CAPE	16	1326	1338	1328	S22	W21	.472	8807	15.0	12	-F	C	1328	.87	1.00				
GRP 5697	16	1631	1651	1639	S24	W23	.513	8807	15.0	20	-N			.15				1 1 1	
HALE	16	1631	1651	1639	S24	W23	.513	8807	15.0	20	-N	1	C	1639	.15	.20			
GRP 5698	16	1708	1718	1709	S25	W23	.523	8807	15.0	10	-N			.24				3 3 3	
LOCK	16	1707	1714D	1709	S26	W21	.514	8807	15.1	7D	-F	C	1709	.30	.40		10		
HALE	16	1707	1720	1709	S24	W23	.513	8807	15.0	13	-N	2	C	1709	.21	.21			
HUAN	16	1709	1716		S24	W24	.524	8807	14.9	7	-N	1	P	1709	.21	.21			D
GRP 5699	17	0948	1027	0951	N17	E10	.372	8810	18.2	39	1N			1.47				2 2 1	
CAPE	17	0947	1013	0951	N16	E10	.357	8810	18.2	26	-N	C	0951	1.47	1.60			JLT	
KHAR	17	0949	1040D	0951	N17	E10	.372	8810	18.2	51D	1F	V	0951				1.80	D	
GRP 5700	17	1100	1150	1120	N20	E08	.403	8810	18.1	50	1N							1 1 0	
SALO	17	1100	1150		N20	E08	.403	8810	18.1	50	1N	V	1120				1.20		
GRP 5701	17	1300	1329	1312	N22	E66	.933	8818	22.5	29	-F			.41				1 1 1	
CAPE	17	1300	1329	1312	N22	E66	.933	8818	22.5	29	-F	C	1312	.41	1.10				
GRP 5702	17	1312	1338	1317	S20	E43	.713	8816	20.8	26	-N			.61				6 6 6	
CANA	17	1308U	1315	1309	S17	E53	.809	8816	21.5	7D	-F	C		.30	.50		100		
CAPE	17	1311	1339	1316	S18	E43	.706	8816	20.8	28	1N	C	1316	1.47	2.10			F	
CANA	17	1311	1334	1314	S19	E43	.709	8816	20.8	23	-N	C		.30	.40		200	E	
SACP	17	1311	1343	1327	S21	E41	.695	8816	20.6	32	-N	C		.37	.43				
MOMA	17	1313	1328D	1316	S21	E41	.695	8816	20.6	15D	-N	C	1316	.41	.60			E	
CAPS	17	1313	1331D		S20	E45	.735	8816	20.9	18D	-B	2	1315	.50	.70		216	E	
HUAN	17	1313	1334	1315	S20	E42	.702	8816	20.7	21	-F	2	C	1315	.31	.36			E
GRP 5703	17	1521	1529	1526	N24	E82	.994	8818	23.8	8	-F			.10				1 1 1	
LOCK	17	1521	1529	1526	N24	E82	.994	8818	23.8	8	-F	C	1526	.10	.30		10		
GRP 5704	17	1958	2040	2010	N20	E86	.999	8818	24.3	42	1N			.20				2 2 1	
LOCK	17	1958	2040	2010	N14	E82	.992	8818	24.0	42	-F	C	2010	.20	.70		10		
MOMA	17	2003E	2029D		N25	E90	1.000	8818	24.6	26D	1N	C							
GRP 5705	17	2040	2051	2045	S17	E50	.779	8816	21.6	11	-N			.81				2 2 2	
SACP	17	2038	2049	2045	S17	E50	.779	8816	21.6	11	-N	C		1.12	1.43		10		
LOCK	17	2042	2052	2044	S16	E49	.767	8816	21.5	10	-F	C	2044	.50	.80				
GRP 5706	18	0119	0137	0129	N24	E77	.982	8818	23.8	18	-N			.40				1 1 1	
LOCK	18	0119	0137	0129	N24	E77	.982	8818	23.8	18	-N	C	0129	.40	1.20		20		
GRP 5707	18	0355	0500	0407	N24	E90	1.000	8818	24.9	65	-F			1.70				1 1 1	
SIBE	18	0355E	0500D	0407	N24	E90	1.000	8818	24.9	65D	-F	P	0407	1.70			64	C	
GRP 5708	18	0719	0739	0722	S26	W39	.698	8809	15.4	20	1F			2.91				2 2 1	
CAPE	18	0717	0747	0723	S26	W40	.708	8809	15.3	30	1F	C	0723	2.91	4.10			F	
MEUD	18	0720	0730	0721	S25	W38	.682	8809	15.5	10	-F	C	0721	.41	.50			E	
GRP 5709	18	0750	0824	0758	N25	E88	1.000	8818	24.9	34	1N			.39				2 2 2	
CAPE	18	0750	0813	0756	N28	E90	1.000	8818	25.1	23	-N	C	0756	.23	.39			T	
CATA	18	0800E	0835D	0800	N22	E85	.998	8818	24.7	35D	1N		0800	.55			164		
GRP 5710	18	0851	1238	0911	N22	E85	.998	8818	24.7	227	1N			1.24				4 2 2	
IKOM	18	0520	0600D		N25	E90	1.000	8818	25.0	40D	1N	V							
CATA	18	0600E	1200D	0625	N19	E85	.998	8818	24.6	360D	1N		0625	.78			178		
IKOM	18	0630E	0730D	0640	N25	E90	1.000	8818	25.0	60D	1N	V							
CAPE	18	1142	1238	1157	N25	E84	.997	8818	24.8	56	1N	C	1157	1.70				FT	
MOMA	18	1225E	1235D		N25	E90	1.000	8818	25.3	10D	-N	P						A	
GRP 5711	18	0857	0939	0928	N25	E84	.997	8818	24.7	42	2B			.97				2 2 1	
SALO	18	0830	0950		N25	E87	1.000	8818	24.9	80	2B	S					1.50		
ARCE	18	0923E	0928D		N25	E80	.990	8818	24.4	50	1N	P	0928	.97	3.00				
GRP 5712	18	1028	1055	1038	S21	E29	.557	8816	20.6	27	-N			1.38				3 3 3	
CAPE	18	1028	1055	1036	S20	E30	.562	8816	20.7	27	-N	C	1036	1.38	1.70			C	
UCCL	18	1037E	1041D		S21	E30	.569	8816	20.7	4D	-F	P	1037	.77	1.20			E	
CAPS	18	1037E	1052D		S21	E27	.533	8816	20.5	15D	1N	1	1040	2.00	2.40		173	E	

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS	
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %		
					LAT.	MER. DIST.													
GRP 5740	19 1155	1200	1156	N25	E20	.551	8817	21.0	5	-B								1 1 1	
ATHN	19 1155	1200	1156	N25	E20	.551	8817	21.0	5	-B	1	1156	.33	.90	2.00				
GRP 5741	19 1230	1241	1231	N23	E66	.933	8818	24.5	11	-N			.40					2 2 2	
HUAN	19 1229	1236	1230	N24	E67	.940	8818	24.5	7	-F	2	C	1230	.46				E	
ATHN	19 1231	1246	1232	N22	E64	.920	8818	24.3	15	-B	1	C	1232	.33	.90	2.00			
GRP 5742	19 1250	1300	1251	S16	W29	.525	8809	17.4	10	-N			1.29					3 3 3	
HUAN	19 1248	1300	1250	S17	W29	.531	8809	17.4	12	-N	2	C	1250	.70	.73			E	
CAPS	19 1250	1255D		S15	W30	.533	8809	17.3	5D	1N	2	C	1251	2.50	3.00	176		E	
ATHN	19 1251	1255D	1252	S17	W28	.518	8809	17.4	4D	-N	1		1252	.66	.50	1.50		E	
GRP 5743	19 1252	1307	1257	N24	E65	.929	8818	24.4	15	1B			1.09					8 8 7	
HUAN	19 1239	1320	1256	N25	E67	.941	8818	24.6	41	-B	2	C	1256	1.03					
ONDR	19 1247E	1302D	1257	N27	E66	.939	8818	24.5	15D	1B		V	1257			8.10		HJK	
ATHN	19 1248	1255D	1252	N22	E64	.920	8818	24.3	7D	-B	1		1252	.66	1.90	2.00			
HOUS	19 1253	1308	1255	N23	E65	.928	8818	24.4	15	-N		C		.62	1.40			200	
CAPF	19 1254	1302		N23	E64	.922	8818	24.3	8	1N		V	1256	1.46					
KIEV	19 1255	1305	1257	N21	E64	.919	8818	24.3	10	1B		C	1257	1.55				110	
CAPS	19 1255E	1306		N28	E65	.935	8818	24.4	11D	1N	2	C	1300	1.80				200	
MCMA	19 1300E	1300D		N25	E66	.936	8818	24.5		-N		P	1300	.41	1.20				
GRP 5744	19 1412	1423	1413	N24	E65	.929	8818	24.5	11	-N				.41					3 3 3
HUAN	19 1411	1428	1413	N23	E64	.922	8818	24.4	17	-N		C		.41	.90	200		I	
HUAN	19 1412	1420	1414	N24	E65	.929	8818	24.5	8	-N	2	C	1414	.50				D	
MCMA	19 1412	1420	1413	N24	E66	.935	8818	24.5	8	-N		C	1413	.31	.80			D	
GRP 5745	19 1503	1512	1505	N24	E68	.945	8818	24.7	9	-N				.71					6 6 5
ATHN	19 1503	1510	1505	N22	E64	.920	8818	24.4	7	-B	1		1505	.83	1.90	2.00			
SACP	19 1503	1511	1506	N24	E64	.923	8818	24.4	8	-N		C		1.12	1.95				
MCMA	19 1503	1512	1504	N24	E65	.929	8818	24.5	9	-B		C	1504	.52	1.40			D	
HUAN	19 1503	1516	1505	N24	E65	.929	8818	24.5	13	-N	2	C	1505	.55					
HOUS	19 1504E	1513	1504	N25	E83	.996	8818	25.9	9D	-N		C		.52	1.70	200		I	
ONDR	19 1505E	1511		N27	E65	.933	8818	24.5	6D	1N		V	1506			2.50		CJ	
GRP 5746	19 1523	1612	1537	N24	E65	.929	8818	24.5	49	1B				1.69					7 6 5
CAPS	19 1515E	1543D		N25	E62	.913	8818	24.3	28D	1B	2	C	1538	1.70		256		J	
HUAN	19 1524	1620	1535	N24	E64	.923	8818	24.4	56	1B	2	C	1535	1.65					
LOCK	19 1525	1600	1540	N24	E60	.898	8818	24.1	35	1N		C	1540	1.60	3.40	20			
HOUS	19 1527	1554U	1537	N23	E64	.922	8818	24.4	27D	1N									
HOUS	19 1527	1554U	1532	N23	E64	.922	8818	24.4	27U	1N		C		1.44	3.10	200		EIJ	
MCMA	19 1528E	1620	1538	N24	E75	.975	8818	25.3	52D	2B		C	1538	2.06	7.00			CFU	
ONDR	19 1531E	1606		N26	E66	.937	8818	24.6	35D	2N		V	1533			2.80		CJ	
ARCE	19 1603E	1615D		N22	E65	.926	8818	24.5	12D	1N		P	1605	1.52	3.20				
GRP 5747	19 1603	1615	1605	N28	W60	.906	8806	15.2	12	-F				.23					1 1 1
ARCE	19 1603E	1615D		N28	W60	.906	8806	15.2	12D	-F		P	1605	.23	.50				
GRP 5748	19 1716	1745	1718	N24	E74	.972	8818	25.3	29	-N				.63					4 4 4
MCMA	19 1713	1750	1716	N23	E77	.981	8818	25.5	37	-N		C	1716	.41	1.70				
HUAN	19 1714	1725D		N24	E73	.968	8818	25.2	11D	-F	1	P	1717	.57					
SACP	19 1715	1736	1721	N26	E74	.973	8818	25.3	21	1N		C		1.03	2.40				
LOCK	19 1723	1750	1730	N23	E70	.954	8818	25.0	27	-F		C	1730	.50	1.40	10			
GRP 5749	19 1748	1823	1759	S15	W33	.573	8809	17.3	35	-N				.27					3 3 3
HALE	19 1747	1820D	1750	S14	W34	.582	8809	17.2	33D	-B	1	C	1750	.21	.30			H	
LOCK	19 1748	1845	1815	S16	W33	.578	8809	17.3	57	-F		C	1815	.30	.40	10			
LOCK	19 1748	1845	1825	S16	W33	.578	8809	17.3	57	-F		C	1825	.30	.40	10			
MCMA	19 1749	1805	1751	S16	W33	.578	8809	17.3	16	-N		C	1751	.31	.40			EH	
GRP 5750	19 2028	2051	2033	S16	W33	.578	8809	17.4	23	-N				.48					3 3 3
LOCK	19 2026	2053	2030	S16	W33	.578	8809	17.4	27	-F		C	2030	.50	.60	10			
MCMA	19 2029	2046		S16	W33	.578	8809	17.4	17	-N		P	2035	.41	.50				
HUAN	19 2030	2055	2035	S17	W33	.583	8809	17.4	25	-N	1	C	2035	.52	.56			E	
GRP 5751	19 2039	2100	2041	N28	W68	.950	8806	14.8	21	-N				.31					1 1 1
MCMA	19 2039	2100	2041	N28	W68	.950	8806	14.8	21	-N		C	2041	.31	.90			D	
GRP 5752	19 2156	2206	2201	S08	E21	.370	8816	21.5	10	-F				.20					1 1 1
LOCK	19 2156	2206	2201	S08	E21	.370	8816	21.5	10	-F		C	2201	.20	.21	10			
GRP 5753	19 2157	2204	2159	N26	E57	.882	8818	24.2	7	-N				.45					2 2 2
HUAN	19 2157	2203		N25	E57	.879	8818	24.2	6	-F	1	C	2158	.25	.37			D	
SACP	19 2157	2205	2200	N26	E56	.874	8818	24.1	8	-N		C		.65	.98				
GRP 5754	19 2304	2311	2306	N26	E57	.882	8818	24.2	7	-N				.64					2 2 2
SACP	19 2304	2311	2307	N27	E55	.870	8818	24.1	7	-N		C		.75	1.12				
IKOM	19 2305E	2308D		N25	E59	.893	8818	24.4	30	-F		V	2305	.52	1.10			D	
GRP 5755	20 0117	0125	0119	S13	E10	.254	8816	20.8	8	-F				.20					1 1 1
LOCK	20 0117	0125	0119	S13	E10	.254	8816	20.8	8	-F		C	0119	.20	.21	10			
GRP 5756	20 0443	0453	0445	N24	E68	.945	8818	25.3	10	-B				.33					1 1 1
ATHN	20 0443	0453D	0445	N24	E68	.945	8818	25.3	10D	-B	2		0445	.33		2.00			
GRP 5757	20 0707	0718		N25	E59	.893	8818	24.7	11	-F				.26					1 1 1
MANI	20 0707	0718		N25	E59	.893	8818	24.7	11	-F				.26					
GRP 5758	20 0750	0848	0810	N27	E73	.970	8818	25.8	58	-N				.63	.50				3 2 2
BUCA	20 0750	0840		N28	E73	.971	8818	25.8	50	-F		P	0810	.77					
ARCE	20 0810E	0900		N27	E75	.977	8818	26.0	50D	-N		C	0810	.48	1.40				
MONT	20 0827E	0845		N25	E70	.956	8818	25.6	1										

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS	
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %		
GRP 5780	20	2316	2342	2330	N27	W82	.994	8806	14.8	26	1F							1 1 1	
LOCK	20	2316	2342	2330	N27	W82	.994	8806	14.8	26	1F	C	2330	1.10	3.70		10	H	
GRP 5781	20	2353	0025	0005	N27	E66	.938	8818	25.9	32	1N			.92				2 2 2	
LOCK	20	2353	0025	0001	N27	E67	.944	8818	26.0	32	1N	C	0001	1.00	2.50		10	E	
IKOM	21	0005E	0018D	0008	N27	E65	.933	8818	25.9	13D	1N	V	0008	.83	2.30			1 1 1	
GRP 5782	21	0032	0055	0040	N19	E52	.821	8818	24.9	23	-F			.60				1 1 1	
LOCK	21	0032	0055	0040	N19	E52	.821	8818	24.9	23	-F	C	0040	.60	1.10		10	2 2 2	
GRP 5783	21	0118	0129	0121	N27	E57	.883	8818	25.3	11	-N			.68				2 2 2	
LOCK	21	0118	0128	0121	N26	E56	.873	8818	25.3	10	-F	C	0121	.60	1.10		10		
SACP	21	0118	0130	0120	N27	E57	.883	8818	25.3	12	-N	C		.76	1.17			2 2 2	
GRP 5784	21	0239	0249	0242	N26	E49	.819	8818	24.8	10	-B			.44				2 2 2	
HALE	21	0238	0253	0243	N27	E47	.806	8818	24.6	15	-N	2	C	0243	.21	.40		200	T
CRON	21	0239	0250	0241	N27	E42	.763	8818	24.3	11	-N	C		.30	.50			E	
HALE	21	0241	0248	0242	N24	E65	.928	8818	26.0	7	-B	2	C	0242	.36				T
GRP 5785	21	0330	0341	0331	N24	E42	.747	8818	24.3	11	-N			1.26				3 3 2	
HALE	21	0329	0340	0330	N24	E42	.747	8818	24.3	11	-B	2	C	0330	.46	.70		200	T
CRON	21	0330	0339	0332	N23	E42	.742	8818	24.3	9	-N	C		.20	.30			72	
TACH	21	0330	0343	0331	N24	E41	.738	8818	24.2	13	1N	V	0331	2.06	3.10	2.50		E	
GRP 5786	21	0434	0445	0445	N25	E44	.771	8818	24.5	11	-N			.36				1 1 1	
HALE	21	0434	0445D	0445U	N25	E44	.771	8818	24.5	11D	-N	2	P	0445	.36	.60			T
GRP 5787	21	0648	0705	0652	S15	E03	.231	8816	21.5	17	-N			.72				3 3 3	
MITK	21	0647E	0658D	0652	S16	E03	.247	8816	21.5	11D	-N	C	0652	1.13	1.20		200	E	
CRON	21	0648	0703	0653	S15	E03	.231	8816	21.5	15	-N	C		.50	.52			E	
MANI	21	0649	0706	0652	S15	E04	.235	8816	21.6	17	-N	2		.52	.53			1 1 1	
GRP 5788	21	0704	0709	0705	N24	E62	.910	8818	25.9	5	-N			.40				1 1 1	
CRON	21	0704	0709	0705	N24	E62	.910	8818	25.9	5	-N	C		.40	.90		200	E	
GRP 5789	21	0725	0738	0729	N24	E63	.916	8818	26.0	13	-N			.36				1 1 1	
MANI	21	0725	0738	0729	N24	E63	.916	8818	26.0	13	-N	2		.36	.75				
GRP 5790	21	0757	0805	0759	N26	E63	.920	8818	26.1	8	-N			.63				3 2 2	
MANI	21	0756	0807	0759	N25	E63	.918	8818	26.1	11	-N	2		.46	.96				
CRON	21	0757	0803	0759	N26	E66	.937	8818	26.3	6	-N	C	0759	.40	1.00		200		
CRON	21	0803	0818	0805	N26	E58	.888	8818	25.7	15	-N	C		.40	.80		200	D	
ARCE	21	0815E	0855		N19	E48	.784	8818	24.9	40D	-N	C	0815	.42	.70				
ARCE	21	0815E	0940		N25	E60	.899	8818	25.8	85D	1F	C	0840	1.03	2.30				
GRP 5791	21	0914	0923	0916	S14	E07	.239	8816	21.9	9	-N			.33				1 1 1	
ATHN	21	0914	0923	0916	S14	E07	.239	8816	21.9	9	-N	2		.33	.30	1.50			
GRP 5792	21	0947	1003	0951	N24	E56	.868	8818	25.6	16	-N			.93				4 4 4	
CAPS	21	0946E	0959		N20	E47	.778	8818	24.9	13D	-N	2		.80	1.20		182	J	
ATHN	21	0946	1002	0949	N25	E62	.912	8818	26.1	16	-B	2		.66	1.60	2.00			
MEUD	21	0947E	1010		N27	E60	.903	8818	25.9	23D	1N	C	0956	1.13	2.50			CE	
ARCE	21	0950	1000	0950	N23	E64	.921	8818	26.2	10	-N	C	0950	.61	1.20				
ATHN	21	1009	1014	1010	N25	E40	.734	8818	24.4	5	-N	2		.50	.70	1.50			
GRP 5793	21	1035	1058	1042	N23	E44	.762	8818	24.7	23	1N			1.71				5 5 5	
MONT	21	1025	1105		N25	E50	.823	8818	25.2	40	2F	C	1030	2.90				HO	
LOCA	21	1038	1055	1040	N23	E42	.742	8818	24.6	17	-N	V	1040	.63	1.00			H	
ATHN	21	1041	1058	1044	N24	E42	.747	8818	24.6	17	1B	2		1.65	2.80	2.00			
ARCE	21	1045E	1058D		N21	E45	.762	8818	24.8	13D	-N	P	1045	1.16	1.80				
CAPS	21	1047E	1056D		N21	E41	.722	8818	24.5	9D	1N	2		2.20	3.10		189	E	
ATHN	21	1100	1113	1101	N25	E44	.771	8818	24.8	13	-B	2		.25	.40	2.00			
GRP 5794	21	1042	1049	1043	S20	E42	.704	8819	24.6	7	-N			.52				1 1 1	
UCCL	21	1042	1049	1043	S20	E42	.704	8819	24.6	7	-N	C	1043	.52				IJ	
GRP 5795	21	1138	1141	1139	N25	E40	.734	8818	24.5	3	1B			.64				2 2 2	
ATHN	21	1137	1141	1138	N26	E40	.740	8818	24.5	4	-B	2		.50	.70	2.00			
UCCL	21	1139	1141	1140	N24	E40	.728	8818	24.5	2	1N	C	1140	.77					
GRP 5796	21	1159	1211	1200	N29	E54	.868	8818	25.5	12	-N			.25				1 1 1	
ATHN	21	1159	1211	1200	N29	E54	.868	8818	25.5	12	-N	2		.25	.50	1.80			
GRP 5797	21	1203	1207	1205	N28	E63	.923	8818	26.2	4	-N			.17				1 1 1	
ATHN	21	1203	1207	1205	N28	E63	.923	8818	26.2	4	-N	2		.17	.30	1.50			
GRP 5798	21	1239	1307	1244	N24	E46	.785	8818	25.0	28	-N			1.34				3 3 2	
MOMA	21	1238	1248D		N25	E42	.753	8818	24.7	10D	-N	C	1245	1.03	1.50			E	
ATHN	21	1239	1330D	1243	N25	E42	.753	8818	24.7	51D	-B	1		.99	1.50	2.00			
CAPS	21	1241	1314D		N24	E44	.766	8818	24.8	33D	1N	1						F	
ATHN	21	1253	1259		N24	E60	.897	8818	26.0	6	-N	1		.66	1.60	1.60			
GRP 5799	21	1249	1322	1304	N26	E61	.907	8818	26.1	33	1N			2.81				4 4 4	
SACP	21	1238	1334	1302	N26	E59	.894	8818	26.0	56	1N	C		2.85	4.53				
ATHN	21	1300	1316	1302	N25	E61	.905	8818	26.1	16	1B	2		1.65	4.20	2.00			
HUAN	21	1301E	1315		N27	E62	.916	8818	26.2	14D	1N	1	P	1305	1.75				E
CAPS	21	1303E	1313D		N26	E60	.901	8818	26.0	10D	2N	1		1305	5.00				C
GRP 5800	21	1304	1329	1314	N26	E43	.767	8818	24.8	25	1B			1.59				2 2 2	
HUAN	21	1301E	1327		N24	E44	.766	8818	24.8	26D	-N	1	P	1315	1.19	1.47			E
ATHN	21	1306	1330D	1313	N27	E41	.755	8818	24.6	24D	1B	1		1313	1.98	3.10	1.90		

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OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IM- POR- TANCE	OBS.		MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL	MCMATH			CMP	COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	
	1967 MAY				LAT.	MER. DIST.	DISTANCE	PLAGE REGION	DAY									
GRP 5801	21	1336	1408	1344	S17	E05	.272	8816	21.9	32	-N						3 3 3	
SACP	21	1331	1422	1401	S17	E03	.264	8816	21.8	51	-N							
HUAN	21	1341	1350D	1344	S18	E06	.293	8816	22.0	90	-N	2	C	1344	.50	.73		
ATHN	21	1343E	1353		S16	E05	.256	8816	21.9	10D	-B	1	C	1343	.41	.41	D	
GRP 5802	21	1415	1432	1420	N27	E58	.890	8818	25.9	17	-F						1 1 1	
HUAN	21	1415	1432		N27	E58	.890	8818	25.9	17	-F	1	C	1420	.25	.38	D	
GRP 5803	21	1439	1500	1444	N30	E39	.755	8818	24.5	21	1B						4 4 3	
LOCA	21	1437	1454	1442	N29	E42	.774	8818	24.8	17	-N		V	1442	.85	1.30		
ONDR	21	1440	1501	1445	N32	E38	.760	8818	24.5	21	1B		V	1445			2.70	
SACP	21	1440	1510	1443	N29	E34	.706	8818	24.2	30	1B		C		2.81	3.30		
HUAN	21	1443E	1455D		N28	E40	.752	8818	24.6	12D	-N	1	C	1445	.75	.94		
GRP 5804	21	1535	1603	1539	N23	E57	.873	8818	25.9	28	1B				1.90		3 3 3	
SACP	21	1534	1600	1539	N23	E58	.881	8818	25.0	26	1B		C		2.06	3.16		
LOCK	21	1535	1610	1540	N25	E56	.871	8818	25.8	35	1N		C	1540	2.50	5.00	20	
HUAN	21	1536	1600		N22	E58	.878	8818	26.0	24	-B	1	P	1539	1.13	1.74		
GRP 5805	21	1613	1628	1617	N26	E59	.894	8818	26.1	15	1F				1.11		2 2 2	
LOCK	21	1613	1627	1616	N24	E60	.897	8818	26.2	14	1F		C	1616	1.00	2.10	10	
SACP	21	1613	1629	1618	N28	E57	.886	8818	26.0	16	-F		C		1.22	1.91		
GRP 5806	21	1630	1641	1633	N26	E57	.881	8818	26.0	11	-F				.42		3 3 3	
HALE	21	1630	1640	1630	N27	E56	.876	8818	25.9	10	-N	2	C	1630	.41	.90		
LOCK	21	1630	1641	1635	N25	E56	.871	8818	25.9	11	-F		C	1635	.60	1.20	10	
HUAN	21	1634E	1637D		N27	E58	.890	8818	26.0	3D	-F	1	P	1634	.25	.38		
GRP 5807	21	1654	1745	1704	S18	E02	.278	8816	21.9	51	-N				.67		2 2 1	
HALE	21	1650	1715	1702	S18	E03	.280	8816	21.9	25	-N	2	C	1702	.67	.70		
LOCK	21	1657	1815	1705	S17	E01	.259	8816	21.8	78	-N		C				K	
GRP 5808	21	1709	1756	1713	N28	E50	.835	8818	25.5	47	-N				.54		2 2 2	
HALE	21	1708	1815U	1710	N31	E52	.861	8818	25.6	67D	-N	2	C	1710	.31	.60		
LOCK	21	1709	1736	1715	N28	E52	.850	8818	25.6	27	-F		C	1715	.40	.80	10	
HALE	21	1806	1838	1808	N23	E44	.762	8818	25.1	32	-B	2	C	1808	.36	.60		
GRP 5809	21	1709	1801	1736	S31	W77	.978	8809	15.9	52	-F				.56		1 1 1	
SACP	21	1709	1801	1736	S31	W77	.978	8809	15.9	52	-F		C		.56	1.40		
GRP 5810	21	1728	1753	1736	N26	E53	.851	8818	25.7	25	-N				1.41		3 3 2	
HALE	21	1728	1742	1731	N26	E60	.901	8818	26.2	14	-B	2	C	1731	.31	.70		
LOCK	21	1728	1800	1737	N24	E50	.820	8818	25.5	32	1F		C	1737	1.50	2.70	10	
SACP	21	1729	1756	1740	N28	E49	.827	8818	25.4	27	-N		C		1.32	1.82		
GRP 5811	21	1736	1750	1739	N09	E81	.989	8821	27.8	14	-N				.46		3 3 3	
LOCK	21	1735	1745	1738	N06	E82	.991	8821	27.9	10	-F		C	1738	.50	1.70	10	
HALE	21	1736	1751	1739	N09	E81	.989	8821	27.8	15	-N	1	C	1739	.41			
SACP	21	1736	1754	1739	N11	E81	.989	8821	27.8	18	-B		C		.47			
GRP 5812	21	1740	1809	1747	S17	E01	.259	8816	21.8	29	-N				.83		3 3 3	
LOCK	21	1657	1815	1746	S17	E01	.259	8816	21.8	78	-N		C	1746	.90	.93	20	
HALE	21	1740	1800	1746	S18	E01	.276	8816	21.8	20	-N	2	C	1746	.93	1.00		
SACP	21	1740	1813	1749	S17	E00	.259	8816	21.7	33	-N		C		.66	.64		
GRP 5813	21	1829	1948	1851	S16	W03	.247	8816	21.5	79	-N				1.37		3 3 3	
HALE	21	1827	2003	1910	S15	W04	.235	8816	21.5	96	-B	2	C	1910	1.03	1.10		
LOCK	21	1828	1950	1855	S16	W03	.247	8816	21.5	82	-N		C	1855	1.40	1.45	20	
SACP	21	1832	1931	1847	S16	W03	.247	8816	21.5	59	-N		C		1.69	1.66		
GRP 5814	21	1855	1911	1903	N26	E53	.851	8818	25.8	16	-N				.81		2 2 2	
HALE	21	1847	1855	1848	N24	E44	.766	8818	25.1	8	-B	2	C	1848	.26	.40		
HALE	21	1854	1909	1902	N28	E56	.879	8818	26.0	15	-B	2	C	1902	.36	.80		
LOCK	21	1855	1912	1904	N25	E55	.863	8818	25.9	17	-F		C	1904	1.00	1.90	10	
GRP 5815	21	1901	1912	1904	S15	W60	.871	8809	17.3	11	-F				.70		1 1 1	
LOCK	21	1901	1912	1904	S15	W60	.871	8809	17.3	11	-F		C	1904	.70	1.30	10	
GRP 5816	21	1919	2024	1926	N24	E39	.719	8818	24.7	65	2N				6.38		4 3 3	
LOCK	21	1918	2030	1926	N25	E37	.706	8818	24.6	72	2F		C	1926	6.50	9.80	30	
SACP	21	1919	2012	1926	N25	E39	.725	8818	24.7	53	2B		C		7.38	8.81		
HALE	21	1921	2025	1926	N24	E39	.719	8818	24.7	64	2B	2	C	1926	5.26	7.60		
MAMA	21	2010E	2030D		N23	E42	.742	8818	25.0	20D	-N		P	2016	.93	1.40	TUH BE	
GRP 5817	21	1924	2000	1926	S17	E00	.259	8816	21.8	36	-N				.41		2 2 1	
LOCK	21	1828	1950	1925	S16	W03	.247	8816	21.5	82	-N		C				K	
HALE	21	1924	2009	1927	S17	E03	.264	8816	22.0	45	-N	2	C	1927	.41	.42		
GRP 5818	21	2051	2214	2101	N24	E44	.766	8818	25.2	83	-N				.71		2 2 2	
LOCK	21	2050	2155	2100	N25	E52	.840	8818	25.8	65	-F		C	2100	1.00	1.80	10	
HALE	21	2052	2233	2102	N23	E35	.673	8818	24.5	101	-N	2	C	2102	.41	.60		
GRP 5819	21	2143	2215	2157	S27	W84	.994	8809	15.6	32	1N				.93		2 2 2	
LOCK	21	2137	2214	2155	S21	W82	.990	8809	15.8	37	1F		C	2155	1.00	3.40	10	
SACP	21	2149	2215	2158	S33	W86	.997	8809	15.5	26	-N		C		.85			
GRP 5820	21	2150	2203	2153	N25	E46	.789	8818	25.4	13	-N				.63		4 4 4	
MAMA	21	2112E	2145D		N23	E40	.723	8818	24.9	33D	-N		C	2120	.62	.80	E	
SACP	21	2149	2208	2155	N29	E56	.882	8818	26.1	19	-F		C		.86	1.30		
HUAN	21	2150	2158	2153	N24	E43	.757	8818	25.1	8	-N	1	C	2153	.37	.46	D	
HALE	21	2150	2202	2151	N24	E43	.757	8818	25.1	12	-N	2	C	2151	.67	1.00	T	
GRP 5821	21	2155	2225	2203	N12	E82	.992	8821	28.1	30	-F				.30		1 1 1	
LOCK	21	2155	2225	2203	N12	E82	.992	8821	28.1	30	-F		C	2203	.30	1.00	10	

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS.		MEASUREMENTS					REMARKS	
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL	MCMATH	CMP			COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %		
					LAT.	MER. DIST.	DISTANCE	PLAGE REGION	DAY											
	1967 MAY																			
GRP 5842	22	1255	1312	1258	N29	W60	.907	8810	18.0	17	-F					.46				1 1 1
CAPE	22	1255	1312	1258	N29	W60	.907	8810	18.0	17	-F	C	1258		.46	1.10				2 2 2
GRP 5843	22	1349	1401	1352	N29	E41	.765	8818	25.7	12	-F				.28					D
HUAN	22	1349	1400		N28	E41	.759	8818	25.7	11	-F	1	C	1352	.25	.31				D
MCMA	22	1349	1402	1352	N29	E40	.757	8818	25.6	13	-F	C	1352	.31	.50					D
GRP 5844	22	1439	1459	1442	N24	E38	.708	8818	25.5	20	-N				.62					3 3 3
CAPS	22	1422E	1509D		N24	E43	.756	8818	25.8	47D	-N	2		1453	1.00	1.50		176		CEJ
CANA	22	1438	1452	1441	N24	E34	.669	8818	25.2	14	-N	C			.60	.80		200		D
HUAN	22	1439	1456	1442	N25	E36	.695	8818	25.3	17	-F	2	C	1442	.25	.29				D
GRP 5845	22	1529	1558	1535	N30	E40	.763	8818	25.6	29	-N				.73					4 4 4
LOCK	22	1528	1605	1540	N31	E39	.761	8818	25.6	37	-N	C	1540	1.00	1.50		20		D	
HUAN	22	1530	1554	1532	N30	E40	.763	8818	25.6	24	-N	2	C	1532	.50	.62				D
MCMA	22	1530	1555	1532	N29	E40	.757	8818	25.6	25	-B	C	1532	.41	.60				D	
CAPS	22	1533E	1545D		N28	E40	.751	8818	25.6	12D	-N	1		1535	1.00	1.50		175		CEJ
GRP 5846	22	1701	1725	1706	S14	W16	.341	8816	21.5	24	-F				.80					1 1 1
LOCK	22	1701	1725	1706	S14	W16	.341	8816	21.5	24	-F	C	1706	.80	.90		10			
GRP 5847	22	1703	1716	1708	N29	E38	.740	8818	25.6	13	-N				.52					4 4 4
HUAN	22	1701	1716	1709	N28	E37	.724	8818	25.5	15	-N	2	C	1709	.37	.44				E
LOCK	22	1701	1716	1706	N31	E39	.761	8818	25.6	15	-N	C	1706	1.00	1.50		20			
HALE	22	1702	1720	1709	N29	E36	.723	8818	25.4	18	-N	2	C	1709	.46	.70				
MCMA	22	1707	1713	1709	N29	E40	.757	8818	25.7	6	-N	C	1709	.26	.40					D
GRP 5848	22	1757	1839	1806	S27	W60	.888	8820	18.2	42	-N				.15					1 1 1
HALE	22	1757	1839	1806	S27	W60	.888	8820	18.2	42	-N	1	C	1806	.15	.30				GJ
GRP 5849	22	1813	1840	1816	N30	E42	.779	8818	25.9	27	-N				.21					1 1 1
HALE	22	1813	1840	1816	N30	E42	.779	8818	25.9	27	-N	2	C	1816	.21	.30				J
GRP 5850	22	1814	1824	1816	N27	W64	.927	8810	18.0	10	-F				.61					3 3 2
LOCK	22	1811	1827	1816	N25	W65	.929	8810	17.9	16	-N	C	1816	.50	1.20		20			
HALE	22	1815	1822	1816	N28	W63	.923	8810	18.0	7	-F	1	C	1816	.15					
HOUS	22	1815	1822	1817	N27	W64	.927	8810	18.0	7	-F	C			.72	1.60		100		
GRP 5851	22	1850	1915	1855	N22	E24	.551	8818	24.6	25	-F				.50					1 1 1
LOCK	22	1850	1915	1855	N22	E24	.551	8818	24.6	25	-F	C	1855	.50	.60		10			
GRP 5852	22	1925	1940	1928	N29	E24	.622	8818	24.6	15	-F				.40					1 1 1
LOCK	22	1925	1940	1928	N29	E24	.622	8818	24.6	15	-F	C	1928	.40	.50		10			
GRP 5853	22	1957	2012	2002	N27	W65	.932	8810	18.0	15	-F				.30					1 1 1
LOCK	22	1957	2012	2002	N27	W65	.932	8810	18.0	15	-F	C	2002	.30	.70		10			
GRP 5854	22	2000	2041	2003	N29	E42	.774	8818	26.0	41	-N				.41					1 1 1
HALE	22	2000	2041	2003	N29	E42	.774	8818	26.0	41	-N	2	C	2003	.41	.60				J
GRP 5855	22	2046	2110	2050	N24	E36	.688	8818	25.6	24	-F				.15					1 1 1
HALE	22	2046	2110	2050	N24	E36	.688	8818	25.6	24	-F	1	C	2050	.15	.20				J
GRP 5856	22	2126	2147	2131	N28	E34	.698	8818	25.4	21	-N				.42					2 2 2
CULG	22	2122	2151	2129	N27	E27	.628	8818	24.9	29	-F	C			.62	.90				
HALE	22	2130	2142	2133	N29	E41	.765	8818	26.0	12	-N	1	C	2133	.21	.30				J
GRP 5857	22	2243	2328	2248	N25	E39	.724	8818	25.9	45	-N				.26					1 1 1
HALE	22	2243	2328	2248	N25	E39	.724	8818	25.9	45	-N	1	C	2248	.26	.40				J
GRP 5858	23	0005	0015	0005	N30	E39	.754	8818	25.9	10	-N				.15					1 1 1
HALE	23	0005E	0015		N30	E39	.754	8818	25.9	10D	-N	2	P	0005	.15	.20				
GRP 5859	23	0022	0049	0027	N25	E39	.723	8818	25.9	27	-N				.99					4 3 3
SACP	23	0021	0036U	0022	N26	E38	.720	8818	25.9	15U	-N	C			1.31	1.55				
CULG	23	0021	0055	0030	N27	E26	.618	8818	25.0	34	-N	C			1.24	1.68				
HALE	23	0023	0041	0028	N25	E37	.704	8818	25.8	18	-B	2	C	0028	.41	.60				FI
CRON	23	0039	0050	0044	N22	E54	.846	8818	27.1	11	-N	C			.40	.70		200		
GRP 5860	23	0104	0125	0110	N28	E38	.732	8818	25.9	21	-F				.62					3 3 2
HALE	23	0057	0125	0105	N30	E39	.754	8818	26.0	28	-N	2	C	0105	.15	.20				D
IKOM	23	0105E	0115D		N28	E40	.750	8818	26.0	10D	-F	V			.62	.90				
MANI	23	0110	0124	0115	N27	E36	.708	8818	25.7	14	-F	2	V	0115	.62	.89				
GRP 5861	23	0145	0235	0150	N28	E40	.750	8818	26.1	50	-F				.52					1 1 1
IKOM	23	0145E	0235		N28	E40	.750	8818	26.1	50D	-F	V			.52	.80				E
GRP 5862	23	0310	0319	0312	N27	E12	.515	8818	24.0	9	-N				.31					2 2 2
HALE	23	0305	0439	0415	N25	E27	.608	8818	25.2	94	-N	2	C	0415	.10	.11				
HALE	23	0310	0317	0311	N28	E08	.511	8818	23.7	7	-F	2	C	0310	.10	.11				C
CULG	23	0310	0320D	0312	N28	E07	.508	8818	23.7	10D	-N	P			.41	.46				L
GRP 5863	23	0325	0328	0325	N25	E36	.694	8818	25.8	3	-B				.21					1 1 1
HALE	23	0325	0328	0325	N25	E36	.694	8818	25.8	3	-B	2	C	0325	.21	.30				
GRP 5864	23	0412	0418	0413	N09	E61	.881	8821	27.8	6	-N				.15					1 1 1
HALE	23	0412	0418	0413	N09	E61	.881	8821	27.8	6	-N	2	C	0413	.15	.30				
GRP 5865	23	0427	0453	0429	N28	E33	.688	8818	25.7	26	-N				.41					3 3 3
CULG	23	0424E	0508D	0426	N29	E32	.687	8818	25.6	44D	-N	P			.52	.70				
HALE	23	0425	0444	0427	N29	E31	.679	8818	25.5	19	-B	2	C	0427	.31	.40				FI
MANI	23	0431	0446	0435	N27	E35	.699	8818	25.8	15	-F	2		0435	.41	.59				

SOLAR FLARES

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE 1967 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 _α	MAX. INT. %	
GRP 5868	23	0814	0830	0821	N30	W50	.841	8810	19.6	16	-F							1 1 1
CAPE	23	0814	0830	0821	N30	W50	.841	8810	19.6	16	-F	C	0821	.18	.30			C
GRP 5869	23	0819	0837	0824	N18	E90	1.000	8824	30.1	18	-N							2 2 2
CAPE	23	0816	0834	0822	N21	E90	1.000	8824	30.1	18	-F	C	0822	.26				CT
MANI	23	0822	0839	0826	N14	E90	1.000	8824	30.1	17	-N	2	0836	.41	.34			
GRP 5870	23	0902	0906	0904	N25	E37	.704	8818	26.2	4	-F							1 1 1
CAPE	23	0902	0906	0904	N25	E37	.704	8818	26.2	4	-F	C	0904	.10	.34			CI
GRP 5871	23	0927	0948	0928	N25	E34	.675	8818	25.9	21	-N							2 2 2
CANA	23	0927	0947	0928	N24	E33	.658	8818	25.9	20	-N	C		.50	1.10		200	
CAPE	23	0927	0948	0928	N25	E34	.675	8818	25.9	21	-N	C	0928	.40	.50			IT
GRP 5872	23	0958	1023	1001	N23	E23	.550	8818	25.1	25	-N							1 1 1
CAPE	23	0958	1023	1001	N23	E23	.550	8818	25.1	25	-N	C	1001	1.29	1.60			I
GRP 5873	23	1040	1053	1042	N24	E32	.648	8818	25.8	13	-N							1 1 1
ATHN	23	1040	1053	1042	N24	E32	.648	8818	25.8	13	-N	2	1042	.66	.90	1.50		
GRP 5874	23	1100	1112	1101	N25	E33	.665	8818	25.9	12	-N							1 1 1
ATHN	23	1100	1112	1101	N25	E33	.665	8818	25.9	12	-N	2	1101	.50	.50	1.60		
GRP 5875	23	1106	1127	1116	N15	E68	.935	8821	28.6	21	1N							1 1 1
CAPE	23	1106	1127	1116	N15	E68	.935	8821	28.6	21	1N	C	1116	1.21	3.30			FI
GRP 5876	23	1200	1228	1204	N24	E30	.628	8818	25.8	28	-N							3 3 3
CAPE	23	1131	1208	1140	N30	E22	.617	8818	25.1	37	-F	C	1140	1.04	.40			HI
CAPE	23	1158	1228	1205	N15	E30	.560	8818	25.7	30	1N	C	1205	.32	.70	1.50		FIT
ATHN	23	1201	1220D	1204	N25	E34	.675	8818	26.1	19D	-N	2	1204	1.75	2.30			
UCCL	23	1202	1218D	1203	N25	E31	.646	8818	25.8	16D	-B	P	1203	.53	1.00			I
GRP 5877	23	1221	1237	1224	N27	W77	.982	8810	17.7	16	-N							2 2 2
HOUS	23	1220	1232	1223	N27	W77	.982	8810	17.7	12	-F	C		.52	.90	100		
CAPE	23	1221	1241	1225	N27	W77	.982	8810	17.7	20	-N	C	1225	.53	3.90			CI
GRP 5878	23	1235	1304	1242	N25	E27	.608	8818	25.5	29	-N							4 4 4
UCCL	23	1227E	1240D	1239	N25	E25	.589	8818	25.4	13D	-N	P	1239	1.12	1.50	1.50		FIJ
ATHN	23	1238E	1254	1238	N24	E36	.687	8818	26.2	16D	-N	2	1238	.77	1.00			
MCMA	23	1238	1300		N24	E25	.579	8818	25.4	22	-F	C	1246	.83	1.00			E
CAPE	23	1238	1408D	1244	N26	E26	.608	8818	25.5	90D	1N	C	1244	.93	2.40			I
GRP 5879	23	1331	1406	1342	N30	E30	.679	8818	25.8	35	-N							3 3 3
CAPE	23	1331	1408D	1337	N28	E31	.670	8818	25.9	37D	1N	C	1337	1.93	2.40			I
CAPE	23	1341	1408D	1352	N34	E24	.673	8818	25.4	27D	-N	C	1352	.91	.70			IT
HUAN	23	1343E	1403		N28	E32	.679	8818	26.0	20D	-F	1	1343	.23	3.20			I
UCCL	23	1345E	1400D		N32	E31	.704	8818	25.9	15D	-N	P	1345	1.53	2.00			E
GRP 5880	23	1428	1449	1434	N28	E28	.644	8818	25.7	21	-F	2	1434	.45	.53			8
HUAN	23	1428	1449	1434	N28	E28	.644	8818	25.7	21	-F	2	1434	.52	1.00			
GRP 5881	23	1522	1543	1530	N26	E27	.617	8818	25.7	21	-N							1 1 1
HUAN	23	1501	1522	1504	N29	E32	.687	8818	26.0	21	-F	2	1504	.50	.56			E
CANA	23	1519	1530D	1526	N26	E25	.599	8818	25.5	11D	-N	C		.37	.30	200		3 3 3
HUAN	23	1525	1543	1533	N26	E24	.590	8818	25.4	18	-N	2	1533	.45	.53			D
MCMA	23	1531E	1536D		N26	E29	.635	8818	25.8	5D	-F	C	1532	.20	.30			D
GRP 5882	23	1706	1714	1709	N23	E90	1.000	8824	30.5	8	-N							1 1 1
LOCK	23	1706	1714	1709	N23	E90	1.000	8824	30.5	8	-N	C	1709	.21	.80	20		H
GRP 5883	23	1720	1745	1735	N23	E90	1.000	8824	30.5	25	-F							1 1 1
LOCK	23	1720	1745	1735	N23	E90	1.000	8824	30.5	25	-F	C	1735	.30	1.20	10		
GRP 5884	23	1745	1807	1754	N22	E90	1.000	8824	30.5	22	-F							1 1 1
LOCK	23	1745	1807	1754	N22	E90	1.000	8824	30.5	22	-F	C	1754	.20	.80	10		
GRP 5885	23	1756	1809	1758	N21	E25	.551	8818	25.6	13	-N							2 2 2
HALE	23	1740	1753	1742	N24	E25	.579	8818	25.6	13	-N	2	1742	.44	.30			
SACP	23	1753	1804	1754	N16	E28	.543	8818	25.8	11	-F	C		.26	.49			
GRP 5886	23	1759	1813	1801	N26	E19	.549	8818	25.2	14	-N	2	1801	.46	.20			
HUAN	23	1804	2013	1814	N30	E25	.639	8818	25.6	129	2B			.15	.20			5 5 5
HALE	23	1802	2146		N30	E25	.639	8818	25.6	224	2B	1	1816	6.33	4.95			FHK
SACP	23	1803	1831	1812	N29	E24	.621	8818	25.6	28	2B	2	1812	4.38	5.80			FI
LOCK	23	1803	1835D	1817	N31	E25	.649	8818	25.6	32D	2B			9.38	10.50			
LOCK	23	1803	2200	1814	N31	E25	.649	8818	25.6	237	2B	C	1814	8.00	10.40	30		K
LOCK	23	1803	2200	2020	N31	E25	.649	8818	25.6	237	2B	C	1814	8.00	10.40	30		K
HOUS	23	1807	1811D	1810	N27	E25	.609	8818	25.6	4D	2B	C		5.36	6.60	200		EI
GRP 5887	23	1836	2146	1845	N27	E25	.609	8818	25.7	19D	2B			7.84				3 3 3
HUAN	23	1802	2146		N27	E25	.609	8818	25.6	224	2B	1	1848	7.22	7.91			
SACP	23	1835	1932D	1844	N28	E24	.611	8818	25.6	57D	3B	C		11.35	12.42			
HALE	23	1836	1915D	1843	N27	E25	.609	8818	25.6	39D	2B	2	1843	4.95	6.20			FI
GRP 5888	23	1850	2122	1955	N27	E28	.635	8818	25.9	152	2B							3 2 1
HUAN	23	1802	2146		N28	E28	.644	8818	25.9	224	2B	1	1959	6.50	7.35			
HOUS	23	1937	2057	1951	N26	E28	.626	8818	25.9	80	2B							
HALE	23	2058	2104	2100	N26	E17	.534	8818	25.1	6	-N	2	2100	.21	.21			
HALE	23	2058	2108	2059	N19	W14	.421	8818	22.8	10	-N	2	2059	.15	.20			

SOLAR FLARES

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IMPOR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS	
	DATE	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %		
	1967 MAY																		
GRP 5889	23	1910	1935	1920	N20	E90	1.000	8824	30.5	25	-F							1 1 1	
LOCK	23	1910	1935	1920	N20	E90	1.000	8824	30.5	25	-F	C	1920	.50	2.00		10	H	
GRP 5890	23	1935	2127	1946	N27	E28	.635	8818	25.9	112	2B			9.02				2 2 2	
SACP	23	1932	2156U	1947	N28	E28	.644	8818	25.9	144U	2B	C		8.75	9.80				
HOUS	23	1937	2057	1944	N26	E28	.626	8818	25.9	80	2B	C		9.28	11.60		300	EIJ	
GRP 5891	23	2028	2116	2108	N23	E90	1.000	8824	30.6	48	1N			.53				2 2 2	
LOCK	23	1950	2120	2108	N20	E90	1.000	8824	30.6	90	1N	C	2108	.90	3.60		20	K	
LOCK	23	1950	2120	2015	N20	E90	1.000	8824	30.6	90	1N	C						K	
LOCK	23	1950	2120	2040	N20	E90	1.000	8824	30.6	90	1N	C						K	
HALE	23	2106	2111	2108	N25	E89	1.000	8824	30.6	5	-F	2	C	2108	.15				
GRP 5892	23	2112	2137	2113	N27	E27	.626	8818	25.9	25	1B			2.68				3 2 2	
HOUS	23	2112	2137	2113	N26	E28	.626	8818	26.0	25	1N	C		2.58	3.20		200	EI	
CULG	23	2112E	2306D	2112	N27	E26	.618	8818	25.8	114D	1B	1	P	2300	2.78	3.51			LU
IKOM	23	2252	2335D		N25	E27	.608	8818	26.0	43D	-N			.52	.60		100	D	
GRP 5893	23	2123	2145	2130	N23	E18	.505	8818	25.2	22	-N			.21				2 2 2	
HOUS	23	2121	2145	2135	N22	E18	.493	8818	25.2	24	-N			.21	.20		200		
HALE	23	2124	2130D	2125	N24	E18	.517	8818	25.2	6D	-N	2	C	2125	.21	.21			
GRP 5894	23	2129	2233	2216	N27	E25	.609	8818	25.8	64	1N			1.14				2 2 2	
HALE	23	2045E	2235D		N28	E28	.644	8818	26.0	110D	1N	2	P	2045	2.06	2.70			FBI
MANI	23	2213	2231	2216	N26	E22	.573	8818	25.6	18	-N	2		.21	.26			Z	
GRP 5895	23	2145	2230	2200	S35	W90	1.000	8820	17.2	45	1F			.80				1 1 1	
LOCK	23	2145	2230U	2200	S35	W90	1.000	8820	17.2	45U	1F	C	2200	.80	3.20		10		
GRP 5896	23	2319	2325	2322	N23	E77	.981	8821	29.7	6	-N			.19				1 1 1	
SACP	23	2319	2325	2322	N23	E77	.981	8821	29.7	6	-N	C		.19	.47				
GRP 5897	23	2337	2350	2340	N21	E83	.995	8824	30.2	13	-F			.37				1 1 1	
SACP	23	2337	2350D	2340	N21	E83	.995	8824	30.2	13D	-F	C		.37					
GRP 5898	23	2346	2357	2348	N21	E15	.455	8818	25.1	11	-N			.50				3 3 3	
SACP	23	2346	2350D	2348	N22	E16	.476	8818	25.2	4D	-N	C		.37	.38				
CULG	23	2346	2357	2349	N21	E15	.455	8818	25.1	11	-N	C		.52	.55				
IKOM	23	2348E	2355D		N21	E15	.455	8818	25.1	7D	-F	V	2348	.62	.70		75	D	
GRP 5899	23	2359	0045	0006	S35	W90	1.000	8820	17.2	46	1N			1.00				1 1 1	
LOCK	23	2359	0045U	0006	S35	W90	1.000	8820	17.2	46U	1N	C	0006	1.00	4.00		20		
GRP 5900	24	0003	0015	0007	N25	E87	.999	8824	30.5	12	1N			2.05				2 2 1	
SACP	24	0003	0012	0005	N25	E86	.999	8824	30.5	9	1N	C		2.05					
MANI	24	0006E	0018	0008	N24	E87	.999	8824	30.5	12D	-N	2		.36	1.11				
GRP 5901	24	0005	0120	0030	N23	E06	.428	8818	24.5	75	-N			.67				2 2 2	
CULG	24	0005	0120	0025	N23	E07	.432	8818	24.5	75	-N	C		.62	.66				
IKOM	24	0015E	0055D		N22	E05	.409	8818	24.4	40D	-F	V	0035	.72	.80		80	D	
GRP 5902	24	0214	0235	0215	N21	E75	.973	8824	29.7	21	-F			.18				2 2 2	
HALE	24	0213E	0230		N22	E72	.961	8824	29.5	17D	-F	2	P	0213	.10				
MANI	24	0215E	0240		N20	E77	.979	8824	29.9	25D	-F	2		.26	.64				
GRP 5903	24	0257	0332	0300	N26	E89	1.000	8824	30.8	35	-F			.57				1 1 1	
HALE	24	0257	0332	0300	N26	E89	1.000	8824	30.8	35	-F	1	C	0300	.57				F
GRP 5904	24	0258	0418	0322	N23	E11	.452	8818	24.9	80	1N			2.46				7 7 6	
CULG	24	0226	0252	0227	N27	E16	.538	8818	25.3	26	-N	C		.62	.72				
CULG	24	0231	0448D	0321	N23	E08	.436	8818	24.7	137D	1B	P		1.96	2.09			FK	
HALE	24	0257	0427	0323	N23	E11	.452	8818	24.9	90	-N	2	C	0323	1.24	1.40			F
MANI	24	0302	0430	0320	N23	E11	.452	8818	25.0	88	1B	2		0320	2.37	2.71			
MITK	24	0302	0420D		N21	E11	.424	8818	25.0	78D	1N	V							
CRON	24	0308	0333	0321	N21	E14	.446	8818	25.2	25	-N								
CRON	24	0308	0333	0313	N21	E14	.446	8818	25.2	25	-N	C		1.30	1.50		200	EIJ	
KODA	24	0310	0403	0320	N23	E11	.452	8818	25.0	53	1N	V	0314	1.93	2.20	1.92		EL	
SIBE	24	0323E	0427D	0327	N23	E10	.446	8818	24.9	64D	2N	P	0327	5.31	5.67		113	EFT	
HALE	24	0428	0446D		N26	E15	.518	8818	25.3	18D	-F	3	P	0446	.41	.50			
HALE	24	0443	0446D		N26	E09	.485	8818	24.9	3D	-N	2	P	0446	.72	.80			F
GRP 5905	24	0337	0413	0342	N23	E07	.432	8818	24.7	36	1N			2.75				3 3 2	
IKOM	24	0255E	0415D	0337	N22	E08	.421	8818	24.7	80D	1B	V	0337	3.09	3.40	1.52	130	E0	
CRON	24	0337	0409	0341	N23	E08	.436	8818	24.8	32	1N	C		2.40	2.70		200	EI	
HALE	24	0337	0416	0349	N23	E06	.428	8818	24.6	39	-N	2	C	0349	.62	.70			
GRP 5906	24	0407	0425	0414	N24	E89	1.000	8824	30.8	18	-N			.46				1 1 1	
HALE	24	0407	0425	0414	N24	E89	1.000	8824	30.8	18	-N	1	C	0414	.46				F
GRP 5907	24	0530	0545	0535	N21	E75	.973	8824	29.9	15	-F			.26				1 1 1	
MANI	24	0530	0545	0535	N21	E75	.973	8824	29.9	15	-F	2		.26	.64				
GRP 5908	24	0610	0642	0620	S16	W36	.619	8816	21.6	32	-N			1.08				5 5 5	
CULG	24	0605	0631D	0618	S16	W38	.644	8816	21.4	26D	-N	P		.93	1.17				
CRON	24	0612	0637	0616	S13	W37	.620	8816	21.5	25	-N	C		.50	.60		200	E	
BUCA	24	0614	0645	0618	S16	W37	.632	8816	21.5	31	1F	C	0618	2.21	2.80				
CATA	24	0615E	0645D	0624	S16	W37	.632	8816	21.5	30D	-N			0624	1.25	1.60		184	
MANI	24	0622E	0635D	0624	S18	W32	.579	8816	21.9	13D	-N	2		.52	.64				
GRP 5909	24	0623	0629	0625	S22	E37	.660	8819	27.0	6	-N			.77				1 1 1	
MANI	24	0623E	0629		S22	E37	.660	8819	27.0	6D	-N	2		.77	1.03				

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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.													
	1967 MAY																		
GRP 5910	24	0629	0704	0647	N24	E74	.971	8824	29.8	35	-F								
BUCA	24	0617	0705		N40	E65	.952	8824	29.1	48	1F	P	0641	.76					
BUCA	24	0620	0730		E80	.988	8824	30.3	70	-F	P	0643	.77						
CRON	24	0640	0647	0642	N21	E72	.961	8824	29.7	7	-N	C		.55					
MANI	24	0650E	0720	0658	N21	E78	.983	8824	30.1	30D	-F	2	0658	.20	.50		200		
GRP 5911	24	0740	0942	0825	N20	E78	.983	8824	30.2	122	-N			.77	1.95				
BUCA	24	0740	0942		N21	E79	.986	8824	30.2	122	-N	C	0824	.59					
ARCE	24	0805E	0840D		N18	E79	.985	8824	30.3	350	-N	C	0825	.66					
CAPE	24	0915	0937	0925	N21	E77	.980	8824	30.2	22	1N	C	0925	.52	1.60				
GRP 5912	24	0752	0826	0800	S23	E76	.972	8825	30.0	34	-N	C		.74	3.90				
BUCA	24	0752	0814		S20	E74	.963	8825	29.9	22	1F	C	0800	.57					
CAPE	24	0752	0828D	0759	S21	E77	.975	8825	30.1	36D	-N	C	0759	.88					
CATA	24	0800E	0835D	0815	S27	E77	.977	8825	30.1	35D	-N	C	0815	.46	2.00				
GRP 5913	24	0820	0835	0825	N14	E47	.756	8821	27.9	15	1F			.37					
CAPE	24	0820	0835	0825	N14	E47	.756	8821	27.9	15	1F	C	0825	1.75	2.70				
GRP 5914	24	0824	0835	0825	N32	E23	.644	8818	26.1	11	-N			1.75					
CAPE	24	0823	0835	0824	N31	E23	.633	8818	26.1	12	-N	C	0824	.62					
BUCA	24	0824	0834		N32	E22	.637	8818	26.0	10	-F	C	0825	.69	.90				
GRP 5915	24	0835	0912	0842	N24	E06	.443	8818	24.8	37	1N			.55					
CAPE	24	0815	0933	0846	N25	E08	.466	8818	24.9	78	2N	C	0846	2.05					
BUCA	24	0829	0928		N24	E03	.435	8818	24.6	59	1N	C	0844	4.80	5.40				
CAPS	24	0833E	0908D		N23	E05	.425	8818	24.7	35D	-B	2	0840	2.76	3.10				
SIBE	24	0833	0915	0838	N24	E04	.437	8818	24.7	42	-F	C	0838	1.20	1.80				
SALO	24	0835	0855		N26	E05	.471	8818	24.7	20	1N	S	0840	.75	1.01				
ARCE	24	0835	0913	0845	N23	E04	.422	8818	24.7	38	-N	C	0845	.94	1.00				
CRON	24	0836	0851	0838	N23	E08	.436	8818	25.0	15	1N	C		2.40	2.70				
CATA	24	0839E	0915D	0842	N22	E07	.417	8818	24.9	36D	-B		0842	1.49	1.60				
MANI	24	0840	0912	0842	N23	E08	.436	8818	25.0	32	-N	2	0842	.62	.69				
GRP 5916	24	0854	0923	0859	N20	E79	.986	8824	30.3	29	1N			.91					
CAPE	24	0852	0906	0857	N21	E79	.986	8824	30.3	14	-N	C	0857	.84					
ARCE	24	0855	0940	0900	N18	E79	.985	8824	30.3	45	1N	C	0900	.97	3.10				
GRP 5917	24	0855	0906	0859	N31	E25	.648	8818	26.2	11	1N			1.29					
CAPE	24	0854	0911	0857	N31	E24	.641	8818	26.2	17	1N	C	0857	1.61	2.10				
ARCE	24	0855	0900	0900	N30	E26	.646	8818	26.3	5	-N	C	0900	.97	1.30				
GRP 5918	24	0905	0958	0911	S21	E75	.968	8825	30.0	53	1N			.82					
BUCA	24	0849	0945		S20	E73	.959	8825	29.8	56	1N	P	0909	1.10					
CAPE	24	0858	1008D	0911	S21	E76	.972	8825	30.1	70D	-N	C	0911	.55	2.40				
CAPS	24	0904E	0916D		S19	E75	.967	8825	30.0	12D	1B	2	0910	1.00					
ARCE	24	0913	1000D	0913	S23	E77	.976	8825	30.2	47D	-N	C	0913	.64	1.80				
MANI	24	0950E	1000D		S20	E73	.959	8825	29.9	10D	-N	1	0952	.52	1.27				
GRP 5919	24	0906	0930	0913	N14	E53	.817	8821	28.4	24	1N			2.19					
CAPE	24	0859	0938	0910	N15	E53	.819	8821	28.3	39	2N	C	0910	3.14	5.60				
BUCA	24	0901	0934		N14	E52	.807	8821	28.3	33	1F	C	0908	2.66	4.90				
CANA	24	0911	0923	0915	N14	E54	.826	8821	28.4	12	-N	C		.30	.50				
ARCE	24	0913	0925	0920	N14	E54	.826	8821	28.4	12	-N	C	0920	.77	1.30				
GRP 5920	24	1016	1100	1030	N23	E52	.832	8821	28.3	44	1N			2.44					
CAPE	24	1016	1100	1030	N23	E52	.832	8821	28.3	44	1N	C	1030	2.44	4.10				
GRP 5921	24	1026	1034	1028	N28	E21	.586	8818	26.0	8	-N			.37					
CAPE	24	1026	1034	1028	N28	E21	.586	8818	26.0	8	-N	C	1028	.37	.50				
GRP 5922	24	1030	1052	1034	N28	E78	.985	8824	30.3	22	1N			1.93					
CAPE	24	1030	1052	1034	N28	E78	.985	8824	30.3	22	1N	C	1034	1.93	10.10				
GRP 5923	24	1115	1131	1121	N27	E16	.538	8818	25.7	16	-B			.33					
ATHN	24	1115	1131	1121	N27	E16	.538	8818	25.7	16	-B	2	1121	.33	.40				
GRP 5924	24	1124	1137	1128	S26	E63	.907	8825	29.2	13	1N			1.52					
CANA	24	1123	1132	1127	S29	E64	.918	8825	29.3	9	1N	C		1.10	2.40				
CAPE	24	1124	1137	1128	S26	E64	.914	8825	29.3	13	1N	C	1128	1.93	4.90				
CAPS	24	1125E	1143D		S23	E60	.882	8825	29.0	18D	1F	3							
GRP 5925	24	1205	1212	1209	N23	E74	.970	8824	30.1	7	-N			1.04					
HOU5	24	1202	1207	1203	N19	E70	.949	8824	29.8	5	-N	C		.21	.50				
CANA	24	1203	1207	1203	N19	E71	.954	8824	29.8	4	-N	C		.20	.50				
CAPE	24	1203	1209	1204	N21	E71	.956	8824	29.8	6	-N	C	1204	.28	1.00				
CAPE	24	1204	1250	1219	N26	E80	.990	8824	30.5	46	1F	C	1219	1.75					
HOU5	24	1207	1212	1209	N23	E72	.962	8824	29.9	5	-N	C		.52	1.30				
CANA	24	1207	1215	1210	N23	E73	.966	8824	30.0	8	-N	C		.40	1.10				
CAPE	24	1207	1254	1210	N24	E70	.954	8824	29.8	47	-N	C	1210	.84	3.00				
ATHN	24	1208E	1213	1208	N24	E76	.978	8824	30.2	5D	-B	2	1208	.66					
GRP 5926	24	1228	1248	1244	S19	E70	.943	8825	29.8	20	-N			.50					
CAPS	24	1228E	1248D		S19	E70	.943	8825	29.8	20D	-N	2	1244	.50					
GRP 5927	24	1241	1254	1243	N19	E47	.772	8821	28.1	13	-N			.77					
CANA	24	1241	1249	1243	N13	E47	.753	8821	28.1	8	-N	C		.30	.50				
CAPE	24	1241	1258	1243	N24	E46	.783	8821	28.0	17	-N	C	1243	1.24	1.90				
GRP 5928	24	1252	1320	1255	S19	E33	.597	8819	27.0	28	-N			1.20					
CAPS	24	1252E	1320D		S19														

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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.													
GRP 5949	25	0041	0052	0044	S17	E90	1.000	8828	31.8	11	1F							1 1 1	
LOCK	25	0041	0052	0044	S17	E90	1.000	8828	31.8	11	1F	C	0044	.70	2.80			10	H
GRP 5950	25	0055	0105	0057	N14	E54	.826	8821	29.1	10	-F			.30					1 1 1
LOCK	25	0055	0105	0057	N14	E54	.826	8821	29.1	10	-F	C	0057	.30	.50			10	
GRP 5951	25	0102	0108	0105	N30	E08	.536	8818	25.6	6	-F			.30					1 1 1
LOCK	25	0102	0108	0105	N30	E08	.536	8818	25.6	6	-F	C	0105	.30	.40			10	
GRP 5952	25	0105	0113	0107	N19	E68	.938	8824	30.1	8	-N			.21					1 1 1
MANI	25	0105E	0113		N19	E68	.938	8824	30.1	8D	-N	3	0107	.21	.44				
GRP 5953	25	0126	0154	0135	N30	E14	.563	8818	26.1	28	-N			.77					2 2 2
CULG	25	0124	0158	0136	N30	E13	.557	8818	26.0	34	-N			.83	.96				
CRON	25	0128	0149	0133	N29	E14	.550	8818	26.1	21	-N	C		.70	.80			200	
GRP 5954	25	0221	0304	0228	S22	E16	.434	8819	26.3	43	1N			2.98					5 4 4
CULG	25	0219	0319	0227	S21	E14	.403	8819	26.1	60	1B	C		2.58	2.75				
CRON	25	0220	0252	0227	S32	E17	.565	8819	26.4	32	-N	C		1.50	1.80			200	
SIBE	25	0222	0307	0227	S20	E15	.400	8819	26.2	45	2N	C	0227	5.88	6.27			90	T
MANI	25	0223	0313	0232	S20	E16	.410	8819	26.3	50	1N	3	0232	1.96	2.13				
KODA	25	0239E	0250	0241	S19	E16	.398	8819	26.3	11D	1F	V	0242	1.93	2.10			1.52	D
GRP 5955	25	0337	0416	0357	N15	E32	.584	8821	27.6	39	-F			1.36					3 3 3
HALE	25	0335	0409D	0406	N15	E32	.584	8821	27.5	34D	-F	1	P 0406	1.24	1.50				
CULG	25	0336	0437D	0404	N15	E33	.596	8821	27.6	61D	-N	P	0404	2.37	2.76				
CULG	25	0336	0437D	0354	N15	E33	.596	8821	27.6	61D	-N	P	0354	1.24	1.44				FKLW
MANI	25	0339	0403	0342	N15	E31	.571	8821	27.5	24	-F	2	0342	.46	.58				
GRP 5956	25	0528	0540	0531	N18	E63	.906	8824	30.0	12	1F			1.00					1 1 1
CRON	25	0528	0540	0531	N18	E63	.906	8824	30.0	12	1F	C		1.00	2.20			100	
GRP 5957	25	0632	0720	0645	N28	E12	.525	8818	26.2	48	1B			4.55					6 6 6
CULG	25	0631	0652D	0646	N30	E09	.540	8818	25.9	21D	2B	P		5.78	6.72				FL
CRON	25	0633	0718U	0645U	N26	E16	.524	8818	26.5	45U	1N	C		4.00	4.70			200	E
MANI	25	0633	0720	0650	N28	E12	.525	8818	26.2	47	2B	3	0650	6.19	7.38				
CAPS	25	0634E	0715D		N26	E10	.488	8818	26.0	41D	1B	1	0637	3.50	4.00				246
ABST	25	0637E	0700D	0645	N28	E10	.516	8818	26.0	23D	1B	P	0645	4.49	4.80				76
CATA	25	0645E	0715D	0646	N29	E12	.539	8818	26.2	30D	1B		0646	3.33	3.90				316
GRP 5958	25	0817	0824	0820	S21	E21	.473	8819	26.9	7	-N			.57					4 4 3
CRON	25	0814	0820	0818	S21	E18	.442	8819	26.7	6	-N	C		.60	.70			200	E
CAPS	25	0817	0823D		S21	E21	.473	8819	26.9	6D	-N	1	0821	.80	.90				179
MANI	25	0818E	0829		S20	E21	.463	8819	26.9	11D	-F	2	0820	.31	.34				
UCCL	25	0818	0823D		S22	E22	.494	8819	27.0	5D	-N	P							
GRP 5959	25	0847	0856	0850	S19	E18	.420	8819	26.7	9	1N			1.00					2 2 1
CANA	25	0846	0857	0850	S21	E19	.452	8819	26.8	11	-N	C		1.00	1.10			200	
SALO	25	0848	0855		S16	E16	.365	8819	26.6	7	1N	V	0850					1.10	
GRP 5960	25	0940	0952	0944	N22	W04	.404	8818	25.1	12	-N			.75					3 3 3
MANI	25	0938	0948D	0941	N21	W03	.386	8818	25.2	10D	-N	1	0941	.41	.45				
CAPS	25	0941	0959D		N20	W02	.368	8818	25.3	18D	-F	1	0945	.80	.90			160	J
UCCL	25	0942E	0948D		N25	W06	.456	8818	25.0	6D	-N	P	0947	1.03	1.40				
GRP 5961	25	1041	1140	1051	N23	W04	.420	8818	25.1	59	1N			4.00					5 5 5
CAPE	25	1039	1104D		N24	W07	.445	8818	24.9	25D	2N	P	1048	4.80	5.30				IFK
CAPS	25	1041E	1205D		N20	W04	.373	8818	25.1	84D	2N	1	1048	5.00	5.40			201	CFJ
CANA	25	1042	1111	1051	N28	W07	.504	8818	24.9	29	1N	C		3.40	4.00			200	E
CATA	25	1044E	1154D	1054	N22	E05	.407	8818	25.8	70D	1B		1054	3.66	4.00			347	
LOCA	25	1049E	1130D	1052	N22	W06	.411	8818	25.0	41D	1B	S	1052	3.16	3.50				
GRP 5962	25	1106	1150	1112	N24	W08	.449	8818	24.9	44	1N			2.39					3 3 2
SALO	25	1102	1120		N27	W08	.493	8818	24.9	18	2N	V	1110					1.40	
MCMA	25	1105E	1215D		N22	W05	.407	8818	25.1	70D	1B	C	1108	2.58	2.80			200	BFL
CANA	25	1111	1154	1119	N24	W12	.470	8818	24.6	43	1N	C		2.20	2.50				E
GRP 5963	25	1129	1212	1129	S19	E18	.420	8819	26.8	43	-F			1.10					1 1 1
BUCA	25	1129	1212		S19	E18	.420	8819	26.8	43	-F	C	1129	1.10	1.20				
GRP 5964	25	1129	1236	1130	N23	W02	.416	8818	25.3	67	2N			4.47					3 3 3
ATHN	25	1105E	1230		N23	E08	.434	8818	26.1	85D	2B	2	1130	5.94	6.60			2.00	
BUCA	25	1129	1253		N24	W07	.445	8818	25.0	84	2N	C	1130	5.54	6.10				F
HUAN	25	1136	1225		N23	W08	.434	8818	24.9	49	1F	1	C 1141	1.92	1.95				E
GRP 5965	25	1258	1410	1305	N21	E61	.897	8824	30.1	72	-N			.45					2 2 2
MCMA	25	1258	1410	1305	N21	E60	.889	8824	30.0	72	-N	C	1305	.52	1.20				E
HUAN	25	1300	1359		N20	E61	.895	8824	30.1	59	-F	1	C 1323	.37	.59				D
GRP 5966	25	1259	1315	1302	S21	E17	.432	8819	26.8	16	-F			.25					1 1 1
HUAN	25	1259	1315	1302	S21	E17	.432	8819	26.8	16	-F	2	C 1302	.25	.25				D
GRP 5967	25	1300	1351		N19	W61	.893	8817	21.0	51	-F								1 1 0
CAPS	25	1300E	1351D		N19	W61	.893	8817	21.0	51D	-F	1							
GRP 5968	25	1430	1505	1436	S21	E18	.442	8819	27.0	35	-F			.31					1 1 1
MCMA	25	1430	1505		S21	E18	.442	8819	27.0	35	-F	C	1436	.31	.40				D
GRP 5969	25	1437	1500	1439	S17	E90	1.000	8828	1.4	23	-N								1 1 0
MCMA	25	1437	1500	1439	S17	E90	1.000	8828	1.4	23	-N	C							A
GRP 5970	25	1450	1506	1453	S24	E58	.869	8825	30.0	16	-N			.32					3 3 3
CANA	25																		

SOLAR FLARES

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMAH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %	
					LAT.	MER. DIST.												
	1967																	
	MAY																	
GRP 5971	25	1510	1531	1515	N19	W15	.427	8818	24.5	21	-B			1.23				6 6 5
ONDR	25	1507E	1528D		N26	W16	.524	8818	24.4	210	-N	V	1508			2.20		DH
HOUS	25	1509U	1530	1515	N17	W14	.392	8818	24.6	21U	-N	C		1.75	1.90		200	E
MCMA	25	1510	1531	1518	N18	W14	.405	8818	24.6	21	-B	C	1518	.72	.80			E
ATHN	25	1511	1531	1517	N17	W14	.392	8818	24.6	20	-B	1	1517	1.65	1.80	2.00		E
HUAN	25	1511	1533	1517	N18	W15	.414	8818	24.5	22	-B	2	1517	.95	.95			E
CANA	25	1512	1527D	1515	N18	W15	.414	8818	24.5	15D	-N	C		1.10	1.20		200	
GRP 5972	25	1531	1552	1534	N24	W15	.491	8818	24.5	21	-N			.74				4 4 4
SACP	25	1530	1550	1536	N25	W15	.504	8818	24.5	20	-N	C		.85	.88			
ATHN	25	1531E	1542D	1533	N23	W14	.470	8818	24.6	11D	-N	1	1533	1.16	1.30	1.50		E
HUAN	25	1531	1555	1534	N26	W16	.524	8818	24.4	24	-N	2	1534	.57	.59			E
MCMA	25	1532	1550	1534	N23	W15	.478	8818	24.5	18	-N	C	1534	.36	.40			E
GRP 5973	25	1607	1641	1613	N23	W12	.457	8818	24.8	34	-N			.61				3 3 3
MCMA	25	1557	1620	1600	N26	E05	.469	8818	26.0	23	-N	C	1600	.31	.31			E
SACP	25	1606	1633	1612	N23	W15	.478	8818	24.5	27	-N	C		.66	.67			E
MCMA	25	1607	1640	1616	N23	W15	.478	8818	24.5	33	-N	C	1616	.36	.40			E
HUAN	25	1607	1650	1611	N23	W15	.478	8818	24.5	43	-N	2	1611	.50	.50			E
GRP 5974	25	1640	1706	1644	S23	E58	.867	8825	30.0	26	-N			.63				3 3 3
MCMA	25	1640	1700	1644	S23	E58	.864	8825	30.0	20	-N	C	1644	.41	.90			E
HALE	25	1640	1721	1644	S24	E59	.877	8825	30.1	41	-N	2	1644	.52	1.10			E
SACP	25	1641	1657	1643	S22	E58	.865	8825	30.0	16	-N	C		.95	1.39			E
GRP 5975	25	1704	1725	1706	N27	E03	.480	8818	25.9	21	-F			.69				4 4 4
SACP	25	1703	1726	1708	N28	E03	.495	8818	25.9	23	-F	C		1.32	1.36			E
HUAN	25	1704	1717	1706	N28	E03	.495	8818	25.9	13	-F	2	1706	.45	.47			EL
MCMA	25	1704	1735	1705	N24	E02	.432	8818	25.9	31	-N	C	1705	.52	.60			E
HALE	25	1705	1723	1706	N27	E04	.482	8818	26.0	18	-F	3	1706	.46	.50			E
GRP 5976	25	1751	1800	1754	N26	W16	.524	8818	24.5	9	-N			.40				4 4 4
SACP	25	1750	1804	1755	N26	W16	.524	8818	24.5	14	-N	C		.38	.39			E
HUAN	25	1751	1758		N27	W16	.536	8818	24.5	7	-F	1	1753	.31	.32			E
MCMA	25	1751	1759	1753	N23	W16	.486	8818	24.5	8	-N	C	1753	.31	.31			E
LOCK	25	1751	1800	1755	N27	W15	.530	8818	24.6	9	-F	C	1755	.60	.70		10	E
GRP 5977	25	1843	1911	1849	S21	E14	.403	8819	26.8	28	-F			.51				3 3 3
LOCK	25	1840	1910	1853	S21	E13	.394	8819	26.8	30	-F	C	1853	.80	.90		10	E
MCMA	25	1844	1855	1847	S21	E15	.412	8819	26.9	11	-F	C	1847	.41	.50			D
HUAN	25	1844	1927	1847	S20	E14	.391	8819	26.8	43	-N	2	1847	.31	.31			3 3 3
GRP 5978	25	1857	1909	1859	N22	W14	.457	8818	24.7	12	-F			.69				E
HUAN	25	1856	1910	1859	N22	W14	.457	8818	24.7	14	-F	2	1859	.75	.77		10	E
LOCK	25	1857	1908	1900	N22	W15	.465	8818	24.7	11	-F	C	1900	.90	1.00			E
MCMA	25	1857	1908	1859	N21	W14	.444	8818	24.7	11	-N	C	1859	.41	.50			E
GRP 5979	25	1907	1913	1908	N29	E65	.934	8824	30.7	6	-N			.52				1 1 1
MCMA	25	1907	1913	1908	N29	E65	.934	8824	30.7	6	-N	C	1908	.52	1.40			E
GRP 5980	25	1925	2020	1928	N23	W17	.494	8818	24.5	55	-B			1.46				2 2 2
HUAN	25	1925	2002D		N23	W17	.494	8818	24.5	37D	-B	1	1927	1.51	1.56			E
LOCK	25	1925	2020	1929	N23	W17	.494	8818	24.5	55	-N	C	1954	1.40	1.70		20	K
GRP 5981	25	1925	2011	1955	N22	W16	.473	8818	24.6	46	-B			1.30				4 4 4
MCMA	25	1924	2012D	1945	N21	W14	.444	8818	24.8	48D	-B	C	1945	1.03	1.20			F
LOCK	25	1925	2020	1954	N23	W17	.494	8818	24.5	55	-N	C	1954	1.40	1.70		20	K
HOUS	25	1948D	2005	1950	N23	W16	.486	8818	24.6	17D	-B	C		1.55	1.70		300	E
LOCK	25	1950	2025	2000	N23	W17	.494	8818	24.6	35	-F	C	2000	.90	1.10		10	E
SACP	25	1955E	2004	1956	N23	W17	.494	8818	24.6	9D	-N	C		1.23	1.27			E
GRP 5982	25	1927	1939	1931	S24	E57	.861	8825	30.1	12	-F			.38				2 2 2
LOCK	25	1925	1940	1931	S25	E57	.863	8825	30.1	15	-F	C	1931	.50	1.00		10	E
HUAN	25	1928	1938		S23	E56	.851	8825	30.0	10	-F	1	1930	.25	.35			D
GRP 5983	25	2000	2019	2000	N24	E06	.441	8818	26.3	19	-N			.58				2 3 3
SACP	25	1956	2020	2001	N28	E02	.494	8818	26.0	24	-N	C		.75	.77			E
MCMA	25	1957E	2012D	1958	N25	E03	.449	8818	26.1	15D	-N	C	1958	.41	.50			EL
HOUS	25	2007	2018	2010	N20	E14	.431	8818	26.9	11	-N	C		.83	.90		200	E
GRP 5984	25	2022	2037	2029	N29	E62	.918	8824	30.5	15	-F			.80				1 1 1
LOCK	25	2022	2037	2029	N29	E62	.918	8824	30.5	15	-F	C	2029	.80	1.80		10	E
GRP 5985	25	2043	2130	2055	N26	E06	.472	8818	26.3	47	1N			2.48				4 4 4
LOCK	25	2033	2145	2056	N20	E04	.373	8818	26.2	72	1N	C	2056	4.00	4.80		20	FL
MCMA	25	2043	2125	2054	N27	E06	.486	8818	26.3	42	1B	C	2054	2.06	2.20			EIJ
HOUS	25	2045	2123	2050	N28	E03	.495	8818	26.1	38	-N	C		1.13	1.30		200	E
HUAN	25	2049	2120	2052	N30	E05	.528	8818	26.2	31	-N	2	2052	1.24	1.30			E
HOUS	25	2050	2102	2056	N32	E09	.568	8818	26.5	12	-N	C		1.13	1.30		200	D
HUAN	25	2101	2125	2102	N22	E12	.443	8818	26.8	24	-N	2	2102	.37	.38			D
GRP 5986	25	2101	2121	2103	N11	E25	.467	8821	27.8	20	-B			.56				2 2 2
LOCK	25	2101	2120	2104	N10	E25	.461	8821	27.8	19	-N	C	2104	.80	.90		20	D
MCMA	25	2101	2121	2102	N12	E24	.460	8821	27.7	20	-B	C	2102	.31	.31			D
GRP 5987	25	2116	2127	2119	S24	E56	.853	8825	30.1	11	-N			.61				2 2 2
LOCK	25	2114	2132	2119	S24	E55	.845	8825	30.0	18	-F	C	2119	.90	1.60		10	D
MCMA	25	2117	2121	2118	S23	E56	.851	8825	30.1	4	-N	C	2118	.31	.70			

SOLAR FLARES

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION — MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	TIME — UT				MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %		
GRP 5988	1967 MAY 25	2245	2341	2318	N27 W04	.482	8818	25.6	56	1B			2.07				2 2 2	
CULG	25	2239	2341D	2323	N27 W03	.480	8818	25.7	62D	1B	P		2.27	2.53				
IKOM	25	2250	0100D	2313	N26 W04	.466	8818	25.7	130D	1B	V	2310	1.86	2.10	1.06	130	E0	
GRP 5989	25	2257	0022	2343	N24 W01	.431	8818	25.9	85	1N			2.52				2 2 2	
LOCK	25	2257	0030D	2340	N25 W04	.451	8818	25.7	93D	1N	C	2340	2.20	2.40		20		
MANI	25	2340E	0014		N23 E02	.416	8818	26.1	34D	1F	1	2345	2.84	3.08				
GRP 5990	25	2312	2330	2321	N12 E22	.434	8821	27.6	18	-N			.48				3 3 3	
CULG	25	2259	2333	2320	N12 E22	.434	8821	27.6	34	-N	C		.52	.55				
IKOM	25	2317	2327		N13 E22	.442	8821	27.6	10	-N	V	2323	.41	.50			D	
IKOM	25	2317	2327		N13 E22	.442	8821	27.6	10	-N	V	2323	.41	.50			D	
LOCK	25	2319	2331	2321	N12 E23	.447	8821	27.7	12	-N	C	2321	.50	.60		20		
GRP 5991	25	2317	0030	2317	S20 E09	.350	8819	26.6	73	-F			.52				1 1 1	
IKOM	25	2317	0030		S20 E09	.350	8819	26.6	73	-F	V	2317	.52	.60			D	
IKOM	25	2317	0030		S20 E09	.350	8819	26.6	73	-F	V	2317	.52	.60			D	
GRP 5992	25	0003	0022	0009	N13 E23	.455	8821	27.7	19	-N			.51				2 2 2	
LOCK	25	2357	0022	2359	N12 E23	.447	8821	27.7	25	-N	C							
LOCK	25	2357	0022	0010	N12 E23	.447	8821	27.7	25	-N	C	0010	.70	.80		20		
IKOM	26	0008	0017D		N13 E22	.441	8821	27.7	9D	-N	V	0008	.31	.30	1.10	100	D	
GRP 5993	26	0040	0049	0045	N26 W25	.595	8818	24.2	9	-F			.89				2 2 2	
SIBE	26	0040	0049	0044	N26 W30	.641	8818	23.8	9	-F	C	0044	.95	1.20		58	T	
IKOM	26	0041E	0048D		N25 W20	.541	8818	24.5	7D	-F	V	0045	.83	1.00			E	
GRP 5994	26	0156	0311	0207	N15 E19	.422	8821	27.5	75	2N			9.80				4 4 4	
HALE	26	0152	0410	0206	N13 E18	.390	8821	27.4	138	2N	2	P	0206	8.46	9.20			
SIBE	26	0157	0242	0207	N15 E19	.422	8821	27.5	45	1N	C	0207	3.80	4.05		86	T	
CRON	26	0159	0234	0206	N13 E18	.390	8821	27.4	35	3N	C		15.60	16.90		200		
MANI	26	0206E	0316		N18 E19	.453	8821	27.5	70D	3N	1	0208	11.34	12.60				
GRP 5995	26	0208	0229	0213	N14 E25	.487	8821	28.0	21	1N			.26				2 2 1	
HALE	26	0208	0223	0213	N16 E30	.564	8821	28.3	15	-N	2	C	0213	.26	.30			
MITK	26	0216E	0235		N11 E20	.398	8821	27.6	19D	2N	V							
GRP 5996	26	0224	0242	0226	S18 E42	.700	8825	29.3	18	-F			.26				1 1 1	
HALE	26	0224	0242	0226	S18 E42	.700	8825	29.3	18	-F	2	C	0226	.26	.40			
GRP 5997	26	0236	0244	0239	N28 E58	.890	8824	30.5	8	-F			.15				1 1 1	
HALE	26	0236	0244	0239	N28 E58	.890	8824	30.5	8	-F	2	C	0239	.15	.30			
GRP 5998	26	0238	0320	0249	N25 W10	.471	8818	25.4	42	-N			1.99				3 3 3	
HALE	26	0234	0332	0258U	N23 W19	.509	8818	24.7	58	-N	2	P	0258	1.44	1.70			F
CRON	26	0239	0308U	0242U	N22 W22	.526	8818	24.5	29U	-N	C		1.50	1.80		200	J	
MANI	26	0242	0319	0247	N28 E03	.493	8818	26.3	37	1N	1	0247	2.58	2.95				
HALE	26	0316	0320	0317	N29 W01	.506	8818	26.1	4	-N	2	C	0317	.46	.50			
GRP 5999	26	0330	0344	0333	S25 E71	.952	8828	31.5	14	-B			.21				1 1 1	
HALE	26	0330	0344	0333	S25 E71	.952	8828	31.5	14	-B	2	C	0333	.21				
GRP 6000	26	0332	0336	0333	N25 E72	.963	8824	31.5	4	-N			.20				1 1 1	
CRON	26	0332	0336	0333	N25 E72	.963	8824	31.5	4	-N	C		.20	.50		200		
GRP 6001	26	0354	0406	0358	N17 E51	.804	8824	30.0	12	-N			.90				1 1 1	
CRON	26	0354	0406	0358	N17 E51	.804	8824	30.0	12	-N	C		.90	1.50		200		
GRP 6002	26	0426	0438	0432	N19 W18	.454	8818	24.8	12	-N			.31				1 1 1	
HALE	26	0426	0438D	0432	N19 W18	.454	8818	24.8	12D	-N	2	P	0432	.31	.31			
GRP 6003	26	0446	0456	0449	N25 W02	.446	8818	26.0	10	-N			1.16				1 1 1	
ATHN	26	0446	0456	0449	N25 W02	.446	8818	26.0	10	-N			1.16	1.30	1.70			
GRP 6004	26	0708	0727	0714	N23 W22	.537	8818	24.6	19	-N			.94				5 5 5	
BUCA	26	0705	0741		N25 W23	.567	8818	24.6	36	-N	C	0713	1.43	1.70				
CRON	26	0706	0725	0709	N24 W23	.557	8818	24.6	19	-N	C		.50	.60		200	EJ	
CRON	26	0706	0725	0717	N24 W23	.557	8818	24.6	19	-N								
CANA	26	0707U	0719	0710	N23 W21	.528	8818	24.7	12U	-N	C		.20	.21		200		
CAPS	26	0707E	0726D		N21 W21	.506	8818	24.7	19D	1F	1	0716	1.80	2.10			C	
MANI	26	0713	0725	0716	N23 W23	.547	8818	24.6	12	-N	2	0716	.77	.92				
GRP 6005	26	0903	0921	0905	N19 W24	.518	8818	24.6	18	1N			2.40				8 8 8	
SIBE	26	0859	0915	0903	N20 W24	.527	8818	24.6	16	1F	C	0903	4.36	5.08		75	ET	
CANA	26	0900	0916	0902	N18 W23	.497	8818	24.6	16	1N	C		2.40	2.80		200	E	
CAPS	26	0901E	0915D		N17 W22	.476	8818	24.7	14D	1B	1	0903	3.00	3.40		228	C	
MONT	26	0901	0920	0905	N18 W22	.486	8818	24.7	19	1B	C	0905	1.50				VO	
CRON	26	0903E	0912	0903U	N18 W32	.602	8818	24.0	9D	-B	C		1.30	1.50		300		
CAPF	26	0903E	0934D		N19 W22	.496	8818	24.7	31D	1N	V	0905	2.35	2.74				
UCCL	26	0905E	0909D		N20 W25	.538	8818	24.5	4D	1B	P	0905	2.06	3.20			EIJ	
BUCA	26	0911	0937		N18 W23	.497	8818	24.7	26	1F	C	0913	2.21	2.50				
GRP 6006	26	0916	0942	0923	S19 W04	.309	8819	26.1	26	1F			2.33				3 3 3	
BUCA	26	0839	0950		S20 W05	.329	8819	26.0	71	1F	C	0921	2.76	2.90			L	
CAPF	26	0915	0945		S22 W02	.353	8819	26.2	30	1F	V	0930	2.94	3.13			H	
CANA	26	0916	0931	0919	S15 W04	.244	8819	26.1	15	-N	C		1.30	1.35		200	EH	
GRP 6007	26	1100	1115	1105	N33 W24	.659	8818	24.7	15	1N							1 1 0	
SALO	26	1100	1115		N33 W24	.659	8818	24.7	15	1N	S	1105			1.40			
GRP 6008	26	1100	1120	1110	N21 E46	.769	8824	29.9	20	1F							1 1 0	
SALO	26	1100	1120		N21 E46	.769	8824	29.9	20	1F	S	1110			1.20			

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS	
	DATE	START	END	MAX. PHASE	APPROX.		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.													
GRP 6009	26 1129	1231	1136	N27	W22	.580	8818	24.8	62	1N								3 3 3	
MONT	26 1128	1235	1132	N27	W20	.564	8818	25.0	67	2N								0	
ATHN	26 1129E	1142	1133	N26	W25	.595	8818	24.6	13D	-N	2	C	1132	2.00					
CAPS	26 1130	1227		N28	W22	.591	8818	24.8	57	1F	3		1133	1.32	1.60	1.60			
GRP 6010	26 1137	1220	1151	N28	W24	.607	8818	24.7	43	-N			1142	2.00	2.40		158	E	
MCMA	26 1129	1225		N28	W24	.607	8818	24.7	56	-F		C	1150	.83	1.00			3 3 3	
ATHN	26 1144	1214	1147	N26	W25	.595	8818	24.6	30	1N	2		1147	1.98	2.40	1.40		EK	
CAPF	26 1152E	1210D		N29	W22	.602	8818	24.8	18D	-N		V	1156	1.18	1.43				
GRP 6011	26 1149	1229	1204	N24	W25	.576	8818	24.6	40	1N				1.75				3 3 2	
MONT	26 1128	1235	1208	N24	W27	.595	8818	24.5	67	2N		C	1208	2.50				0	
ATHN	26 1159	1219	1202	N23	W24	.556	8818	24.7	20	-N	2		1202	.99	1.20	1.60			
ATHN	26 1159	1219	1208	N23	W24	.556	8818	24.7	20	-N	2 3		1203				173	E	
CAPS	26 1200	1232		N24	W24	.566	8818	24.7	32	-N								9 9 9	
GRP 6012	26 1230	1308	1240	N30	W05	.527	8818	26.1	38	1N				3.98			200	E	
HOUS	26 1220E	1245	1225	N27	W24	.597	8818	24.7	25D	1N		C	1239	1.65	2.00		300	E	
CAPS	26 1227	1300		N28	W04	.495	8818	26.2	33	1B	3			3.50	4.20			V	
SACP	26 1228	1257	1239	N29	W05	.512	8818	26.1	29	1N		C		3.96	4.12			F	
MCMA	26 1228	1307	1238	N31	W05	.541	8818	26.1	39	-B		C	1238	1.29	1.50				
ATHN	26 1228	1318	1238	N30	W04	.525	8818	26.2	50	2B	2		1238	8.58	9.90	2.00			
MONT	26 1229	1330	1242	N32	W04	.554	8818	26.2	61	2B		C	1242	5.20				VO	
HOUS	26 1235	1246D	1237	N30	W05	.527	8818	26.1	11D	1N		C		3.71	4.20		200	E	
CANA	26 1237	1254	1238	N30	W05	.527	8818	26.2	17	1N		C		2.50	2.90		200	EI	
CAPF	26 1239E	1313		N29	W03	.508	8818	26.3	34D	1N		V	1243	2.06	2.40				
HERS	26 1249E	1310D	1249E	N30	W03	.523	8818	26.3	12D	1N		P	1249	1.75	2.10			E	
ATHN	26 1312	1320	1314	N24	W17	.505	8818	25.3	8	-N	2		1314	1.65	1.80	1.70			
GRP 6013	26 1340	1449	1353	N31	W04	.539	8818	26.3	69	1N				2.61			200	8 8 8	
CANA	26 1337	1358	1340	N29	W05	.512	8818	26.2	21	-N		C		.20	.21		196	FKLC	
CAPS	26 1338	1600D		N30	W04	.525	8818	26.3	142D	1N	3		1349	2.20	2.60				
MCMA	26 1338	1500D	1351	N31	W05	.541	8818	26.2	82D	-B		C	1351	1.13	1.30			EW	
CANA	26 1340	1353	1350	N31	W02	.537	8818	26.4	13	1N		C		2.80	3.30		200	EIJ	
MONT	26 1340	1430	1355	N32	W05	.555	8818	26.2	50	2B		C	1355	5.20				O	
CAPF	26 1340	1450D		N29	W03	.508	8818	26.3	70D	-N		V	1352	1.46	1.70				
SACP	26 1341	1448	1356	N30	W06	.529	8818	26.1	67	1N		C		3.18	3.33				
UCCL	26 1346E	1440D		N32	W05	.555	8818	26.2	54D	1N		P	1349	1.80	2.70			EHI	
HERS	26 1358E	1448D	1358E	N30	W03	.523	8818	26.4	50D	1N		P	1358	3.09	3.70			E	
GRP 6014	26 1403	1435	1410	N33	E01	.565	8818	26.7	32	1N				1.75				2 2 2	
HOUS	26 1358	1420	1406U	N31	W05	.541	8818	26.2	22	-N		C		1.44	1.70		200	E	
CAPF	26 1408	1450D		N34	E07	.588	8818	27.1	42D	1N		V	1414	2.06	2.60				
GRP 6015	26 1514	1731	1600	N30	W04	.525	8818	26.3	137	1N				4.06				5 4 3	
SALO	26 1500	1510		N32	E01	.551	8818	26.7	10	1F		S	1500			1.40			
CAPS	26 1510E	1600D		N26	W09	.481	8818	26.0	50D	1N	3		1553	2.20	2.60		170	C	
MCMA	26 1517	1700D	1555	N32	W05	.555	8818	26.3	103D	1N									
SACP	26 1550	1731	1606	N30	W05	.527	8818	26.3	101	1N		C		3.37	3.53				
ATHN	26 1600E	1650D		N29	W04	.510	8818	26.4	50D	2N	1		1604	6.60	7.80	1.80			
GRP 6016	26 1520	1535	1527	S20	E03	.323	8819	26.9	15	-F		C		.74	.73			1 1 1	
SACP	26 1520	1535	1527	S20	E03	.323	8819	26.9	15	-F				.74	.73				
GRP 6017	26 1522	1548	1532	N30	W08	.535	8818	26.0	26	1N				3.99				6 6 4	
CAPS	26 1338	1600D		N30	W04	.525	8818	26.3	142D	2F	3		1533	5.00	6.00		164	W	
MONT	26 1515	1545D		N32	W06	.558	8818	26.2	30D	2N		C	1530	4.90				O	
MCMA	26 1517	1700D	1531	N32	W05	.555	8818	26.3	103D	1N		C	1531	2.06	2.50			FK	
SALO	26 1520	1555		N32	W07	.560	8818	26.1	35	1N		S	1530			1.40			
SACP	26 1524	1535	1527	N23	W19	.509	8818	25.2	11	-N		C		.93	.96				
CANA	26 1532	1543D	1538	N30	W04	.525	8818	26.3	11D	1N		C		4.00	4.70		200	EI	
GRP 6018	26 1707	1730	1715	S19	E00	.302	8819	26.7	23	-F				.52	.52			1 1 1	
MCMA	26 1707	1730	1715	S19	E00	.302	8819	26.7	23	-F		C	1715	.52	.52			E	
GRP 6019	26 1718	1728	1722	N29	E53	.858	8824	30.7	10	-N				.49				3 3 3	
SACP	26 1716	1726	1721	N29	E52	.850	8824	30.6	10	-N		C		.85	1.22				
MCMA	26 1719	1727	1722	N29	E53	.858	8824	30.7	8	-B		C	1722	.41	.80			D	
HOUS	26 1722E	1730	1722	N28	E53	.854	8824	30.7	8D	-N		C		.21	.40		200		
GRP 6020	26 1854	1925	1900	N24	W29	.615	8818	24.6	31	-N				.44				3 3 3	
HALE	26 1852	1932	1902	N23	W30	.617	8818	24.5	40	-N		2	C	1902	.26	.30			
SACP	26 1854	1923	1858	N23	W30	.617	8818	24.5	29	-F		C		.75	.82				
MCMA	26 1857	1920	1859	N26	W26	.604	8818	24.8	23	-N		C	1859	.31	.40			D	
GRP 6021	26 1949	1952	1950	N27	W18	.549	8818	25.5	3	-N				.55				4 4 4	
SACP	26 1948	1953	1951	N27	W18	.549	8818	25.5	5	-N		C		.84	.88				
HUAN	26 1949	1951	1950	N27	W17	.542	8818	25.6	2	-N	1	C	1950	.31	.32			D	
MCMA	26 1949	1952	1950	N28	W18	.561	8818	25.5	3	-N		C	1950	.52	.60			D	
HALE	26 1949	1953	1950	N26	W17	.529	8818	25.6	4	-N	2	C	1950	.52	.60				
GRP 6022	26 2036	2053	2040	N26	E51	.832	8824	30.7	17	-B				.96				3 3 3	
SACP	26 2035	2048	2040	N24	E45	.772	8824	30.2	13	-N		C		1.22	1.53				
HALE	26 2036	2106	2041	N27	E56	.873	8824	31.1	30	1B	1	C	2041	1.03	2.10				
MCMA	26 2037	2044	2040	N26	E51	.832	8824	30.7	7	-B		C	2040	.62	1.10			D	
GRP 6023	26 2145	2153	2148	N28	W20	.575	8818	25.4	8	-N				.26				2 2 2	

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OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IM-PORTANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS		
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMATH PLAGE REGION				CMP DAY	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α		MAX. INT. %	
					LAT.	MER. DIST.													
GRP 6024	26	2206	2216	2211	N25	E46	.785	8824	30.4	10	-N							5 5 5	
HALE	26	2203	2207D	2207	N29	E51	.843	8824	30.7	4D	-N	1	C	2207	.21	.40			K
LOCK	26	2206	2214	2210	N24	E43	.753	8824	30.1	8	-N		C	2210	1.00	1.50			K
MCMA	26	2206	2215	2210	N25	E45	.776	8824	30.3	9	-B		C	2210	.93	1.40			EV
SACP	26	2206	2217	2211	N24	E43	.753	8824	30.1	11	1N		C		1.70	2.11			
MANI	26	2210	2217	2213	N24	E53	.842	8824	30.9	7	-N	1		2213	.62	1.08			
HALE	26	2211E	2215	2211	N24	E44	.763	8824	30.2	4D	-B	1	C	2211	.57	.90			
GRP 6025	26	2318	2329	2321	N27	E45	.786	8824	30.3	11	-F				.94				1 1 1
SACP	26	2318	2329	2321	N27	E45	.786	8824	30.3	11	-F		C		.94	1.20			
GRP 6026	26	2343	0005	2351	N21	W30	.601	8818	24.7	22	-N				.62				1 1 1
MANI	26	2343E	0005	2351	N21	W30	.601	8818	24.7	22D	-N	2		2351	.62	.77			DF
GRP 6027	27	0000	0007	0003	N24	E43	.752	8824	30.2	7	1N				2.18				1 1 1
SACP	27	0000	0007	0003	N24	E43	.752	8824	30.2	7	1N		C		2.18	2.70			
GRP 6028	27	0042	0052	0044	N24	E43	.752	8824	30.3	10	-N				1.04				1 1 1
SACP	27	0042	0052	0044	N24	E43	.752	8824	30.3	10	-N		C		1.04	1.28			
GRP 6029	27	0058	0116	0107	N25	E44	.766	8824	30.3	18	-N				.35				3 3 3
MANI	27	0058	0109		N25	E45	.776	8824	30.4	11	-N	2		0100	.31	.38			DF
SACP	27	0058	0109	0102	N29	E47	.811	8824	30.6	11	-N		C		.47	.63			
MANI	27	0107	0115	0109	N24	E44	.762	8824	30.3	8	-N	2		0109	.31	.37			F
HALE	27	0109E	0125D	0109U	N21	E40	.707	8824	30.0	16D	-N	1	P	0109	.26	.40			
GRP 6030	27	0130	0310	0203	N26	W20	.551	8818	25.6	100	2N				18.59				3 2 1
SACP	27	0129	0134D	0134D	N27	W17	.540	8818	25.8	5D	-N		C		1.25	1.31			
MANI	27	0130	0257	0202	N25	W19	.531	8818	25.6	87	1N	2		0202	2.32	2.74			F
SIBE	27	0140E	0322D	0204	N25	W24	.575	8818	25.3	102D	3F		C	0204	18.59	21.64			I
GRP 6031	27	0159	0350	0251	N28	W19	.566	8818	25.7	111	1N				1.46				2 2 2
HALE	27	0159E	0400	0250U	N28	W19	.566	8818	25.7	121D	-N	1	P	0250	.83	1.00			
TACH	27	0252E	0340		N27	W18	.547	8818	25.8	48D	1N		V	0252	2.09	3.20	2.50		63
GRP 6032	27	0343	0415	0343	N27	E42	.758	8824	30.3	32	-N				.15				1 1 1
HALE	27	0343	0415	0343	N27	E42	.758	8824	30.3	32	-N	2	C	0343	.15	.20			
GRP 6033	27	0353	0428	0359	N23	E41	.728	8824	30.2	35	-N				.21				1 1 1
HALE	27	0353	0428	0359	N23	E41	.728	8824	30.2	35	-N	2	C	0359	.21	.30			
GRP 6034	27	0412	0426	0415	N28	W30	.657	8818	24.9	14	-B				.21				1 1 1
HALE	27	0412	0426	0415	N28	W30	.657	8818	24.9	14	-B	2	C	0415	.21	.30			
GRP 6035	27	0515	0523	0517	N27	W14	.520	8818	26.2	8	-F				.36				1 1 1
MANI	27	0515	0523	0517	N27	W14	.520	8818	26.2	8	-F	2		0517	.36	.42			
GRP 6036	27	0602	0623	0605	S21	E67	.928	8828	1.3	21	1N				1.47				2 2 2
CULG	27	0559	0617	0604	S20	E66	.921	8828	1.2	18	-N				.72				FL
BUCA	27	0605	0628		S22	E68	.935	8828	1.4	23	1F		C	0605	2.21				
GRP 6037	27	0652	0709	0654	N28	E45	.790	8824	30.7	17	-F				.68				2 2 2
BUCA	27	0651	0716		N29	E45	.794	8824	30.7	25	-F		P	0654	1.10	1.80			
MANI	27	0652	0701	0654	N27	E44	.776	8824	30.6	9	-F	2		0654	.26	.40			
GRP 6038	27	0657	0726	0714	N32	W16	.596	8818	26.1	29	-F				.66				1 1 1
BUCA	27	0657	0726		N32	W16	.596	8818	26.1	29	-F		P	0714	.66	.80			
GRP 6039	27	0732	0809	0750	N20	E79	.985	8831	2.2	37	-F				.66				1 1 1
BUCA	27	0732	0809		N20	E79	.985	8831	2.2	37	-F		C	0750	.66				
GRP 6040	27	0750	0808	0758	N20	E40	.702	8824	30.3	18	-N				.63				3 3 3
BUCA	27	0750	0810		N22	E40	.713	8824	30.3	20	-F		C	0756	.55	.80			
CAPS	27	0756E	0803		N20	E40	.702	8824	30.3	7D	-N	3		0758	.90	1.30			164
ARCE	27	0800E	0810D		N18	E41	.704	8824	30.4	10D	-N		C	0800	.45	.60			
GRP 6041	27	0820	0851	0827	N32	W15	.591	8818	26.2	31	-N				1.01				4 4 4
ARCE	27	0820E	0835		N31	W14	.573	8818	26.3	15D	-N		C	0826	1.06	1.30			
BUCA	27	0820	0900		N32	W16	.596	8818	26.1	40	-N		C	0828	1.10	1.40			
CAPE	27	0821	0858	0828	N32	W17	.602	8818	26.1	37	-N		C	0828	.69	.90			I
CAPS	27	0822E	0850D		N31	W14	.573	8818	26.3	28D	-N	3		0827	1.20	1.40			167
GRP 6042	27	0831	0850	0835	N26	E90	1.000	8830	3.1	19	1N				.45				1 1 1
ARCE	27	0831	0850	0835	N26	E90	1.000	8830	3.1	19	1N		C	0835	.45	2.60			
GRP 6043	27	0842	1000	0900	N17	E80	.987	8830	2.4	78	-F				.52				1 1 1
ARCE	27	0842	1000D	0900	N17	E80	.987	8830	2.4	78D	-F		C	0900	.52	1.60			
GRP 6044	27	1041	1111	1053	N25	W25	.584	8818	25.6	30	-F				.86				3 3 2
SALO	27	1030	1130	1050	N19	W25	.528	8818	25.6	60	1F		S	1050			1.10		
CAPE	27	1051	1105	1054	N30	W30	.674	8818	25.2	14	-F		C	1054	.92	1.20			I
CAPE	27	1051	1105	1052	N29	W25	.624	8818	25.6	14	-N		C	1052	.84	1.10			I
CAPS	27	1052E	1059		N26	W23	.576	8818	25.7	7D	-N	3		1054	.80	1.00			182
GRP 6045	27	1100	1110	1110	N13	E03	.252	8821	27.7	10	1N								1 1 0
SALO	27	1100	1110		N13	E03	.252	8821	27.7	10	1N		S	1110			.90		
GRP 6046	27	1110	1120	1110	N12	E04	.240	8821	27.8	10	1F								1 1 0
SALO	27	1110	1120		N12	E04	.240	8821	27.8	10	1F		S	1110			1.10		
GRP 6047	27	1200	1217	1202	N31	W37	.740	8818	24.7	17	-N				.26				1 1 1
MCMA	27	1200	1217D	1202	N31	W37	.740	8818	24.7	17D	-N		C	1202	.26	.40			D
GRP 6048	27	1212	1239	1217	N11	E03	.219	8821	27.7	27	-N				1.18				3 3 3
CAPS	27	1210E	1224D		N11	E03	.219	8821	27.7	14D	-F	3		1218	1.20	1.20			154
CAPF	27	1212	1245D		N11	E03	.219	8821	27.7	33D									

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS		
	DATE	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MC MATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %			
GRP 6049	1967 MAY 27	1231	1257	1236	N12	E02	.232	8821	27.7	26	1N									
MCMA	27	1151E	1247D		N12	E01	.231	8821	27.6	56D	1N	C	1235	1.96	2.00				EK	
CAPE	27	1231	1257	1235	N13	E02	.249	8821	27.7	26	2N	C	1235	6.82	7.10				F	
CAPS	27	1235E	1245D		N12	E04	.240	8821	27.8	10D	1N	3	1237	4.00	4.10				C	
	07	1310	1323		NO FLARE PATROL															
GRP 6050	27	1258	1328	1306	N23	E48	.795	8824	31.1	30	-N			1.14					6 6 5	
CAPE	27	1250	1343	1302	N23	E47	.786	8824	31.1	53	1N	C	1302	1.53	2.40				C	
MEUD	27	1256	1320		N23	E48	.795	8824	31.1	24	-N	C	1303	.72	1.00					
MCMA	27	1257	1323	1302	N23	E46	.776	8824	31.0	26	-N	C	1302	.62	1.00				E	
CAPS	27	1303	1326D		N23	E50	.813	8824	31.3	23D	1N	3	1314	2.00	3.40				E	
SACP	27	1306	1329	1309	N22	E47	.782	8824	31.1	23	-N	C		.85	1.08					
AROS	27	1310E	1318D		N23	E47	.786	8824	31.1	8D	-N	V		.99						
GRP 6051	27	1300	1306	1300	N23	W47	.786	8818	24.0	6	-N			.99					1 1 1	
ATHN	27	1300E	1306D	1300	N23	W47	.786	8818	24.0	6D	-N	2	1300	1.09	1.40		1.70			
GRP 6052	27	1310	1321	1312	N21	E78	.983	8830	2.4	11	-N			2.00					5 5 3	
CAPS	27	1309E	1326D		N21	E76	.976	8830	2.2	17D	1N	3	1312	.52					C	
MEUD	27	1310	1318	1312	N22	E77	.980	8830	2.3	8	-N	C	1312	.75						
SACP	27	1310	1321	1312	N21	E78	.983	8830	2.4	11	-N	C								
MCMA	27	1310	1322	1312	N22	E80	.988	8830	2.5	12	-B	C	1312						E	
AROS	27	1310E	1318D		N21	E78	.983	8830	2.4	8D	-N	V								
GRP 6053	27	1332	1349	1337	N27	W26	.613	8818	25.6	17	1N			3.20					2 2 2	
CAPE	27	1326	1352	1338	N28	W26	.622	8818	25.6	26	-N	C	1338	.74	1.00				I	
CAPE	27	1330	1406	1344	N29	W32	.683	8818	25.2	36	1N	C	1344	2.91	4.00				I	
SACP	27	1333	1345	1336	N27	W26	.613	8818	25.6	12	-N	C		.57	.61					
CAPE	27	1352	1405D	1355	N26	W21	.559	8818	26.0	13D	1N	C	1355	2.17	2.60				I	
GRP 6054	27	1345	1405	1352	N22	E36	.671	8824	30.3	20	-N			1.32					2 2 2	
CAPE	27	1345	1405	1351	N23	E36	.677	8824	30.3	20	-N	C	1351	1.43	1.90				V	
CAPS	27	1349E	1355D		N21	E35	.654	8824	30.2	6D	-F	3	1353	1.20	1.60				157	
GRP 6055	27	1402	1413	1402	N23	E75	.973	8831	2.2	11	-N			.44					1 1 1	
ATHN	27	1402E	1413	1402	N23	E75	.973	8831	2.2	11D	-N	2	1402	.44			1.80			
GRP 6056	27	1451	1500	1453	N26	W27	.612	8818	25.6	9	-N			.73					4 4 4	
SACP	27	1450	1459	1452	N27	W27	.621	8818	25.6	9	-N	C		.75	.83					
MCMA	27	1451	1459	1452	N27	W28	.630	8818	25.5	8	-N	C	1452	.62	.80				E	
CAPS	27	1451E	1459		N26	W25	.594	8818	25.7	8D	-B	3	1453	.70	.80				CJ	
ATHN	27	1453	1503	1455	N24	W26	.584	8818	25.7	10	-N	2	1455	.83	1.00		1.60			
GRP 6057	27	1509	1519	1512	N26	W27	.612	8818	25.6	10	-N			.85					4 4 3	
ONDR	27	1509E	1518D		N27	W29	.639	8818	25.5	9D	-N	V	1511	.75	.83		2.30			
SACP	27	1509	1518	1512	N27	W28	.630	8818	25.5	9	-N	C		.75	.83					
CAPS	27	1509E	1520D		N26	W25	.594	8818	25.8	11D	-N	3	1514	.80	1.00				188	
ATHN	27	1510	1521	1512	N24	W26	.584	8818	25.7	11	-N	2	1512	.99	1.20		1.70			CJ
GRP 6058	27	1523	1535	1525	N26	W25	.594	8818	25.8	12	-B			.80					1 1 1	
CAPS	27	1523E	1535D		N26	W25	.594	8818	25.8	12D	-B	3	1525	.80	1.00				220	
GRP 6059	27	1532	1554	1541	N21	E74	.968	8831	2.2	22	1N			2.00					1 1 1	
CAPS	27	1532E	1554D		N21	E74	.968	8831	2.2	22D	1N	3	1541	2.00					179	
GRP 6060	27	1555	1605	1557	N20	E31	.603	8824	30.0	10	-N			.85					1 1 1	
SACP	27	1555	1605	1557	N20	E31	.603	8824	30.0	10	-N	C		.85	.92					
GRP 6061	27	1709	1724	1713	N25	W25	.584	8818	25.8	15	-N			.46					2 2 2	
SACP	27	1706	1727	1710	N25	W25	.584	8818	25.8	21	-N	C		.66	.71					
HALE	27	1712	1721	1715	N24	W25	.574	8818	25.8	9	-F	2	1715	.26	.30				1 1 1	
GRP 6062	27	1729	1751	1735	N22	W45	.762	8818	24.4	22	-F			.46					1 1 1	
HALE	27	1729	1751	1735	N22	W45	.762	8818	24.4	22	-F	2	1735	.46	.70					
GRP 6063	27	1848	1923	1859	N28	E39	.737	8824	30.7	35	-N			.31					1 1 1	
HALE	27	1848	1923	1859U	N28	E39	.737	8824	30.7	35	-N	2	1859	.31	.50					
GRP 6064	27	1851	1902	1854	N27	W42	.758	8818	24.6	11	-F			.30					2 2 2	
HALE	27	1849	1902	1853	N26	W42	.753	8818	24.6	13	-F	2	1853	.26	.40					
HUAN	27	1852	1901		N27	W42	.758	8818	24.6	9	-F	1	1854	.33	.41				E	
GRP 6065	27	1917	1932	1922	N11	W01	.214	8821	27.7	15	-F			.26					1 1 1	
HALE	27	1917	1932	1922	N11	W01	.214	8821	27.7	15	-F	2	1922	.26	.30					
GRP 6066	27	1940	1950	1943	S19	E17	.412	8825	29.1	10	-F			.15					1 1 1	
HALE	27	1940	1950	1943	S19	E17	.412	8825	29.1	10	-F	2	1943	.15	.20					
GRP 6067	27	1947	1954	1949	N28	E38	.729	8824	30.7	7	-N			.26					1 1 1	
HALE	27	1947	1954	1949	N28	E38	.729	8824	30.7	7	-N	2	1949	.26	.40					
GRP 6068	27	2013	2024	2017	N10	W06	.221	8821	27.4	11	-F			.21					1 1 1	
HALE	27	2013	2024	2017	N10	W06	.221	8821	27.4	11	-F	2	2017	.21	.21					
GRP 6069	27	2051	2056	2053	N20	E90	1.000	8831	3.6	5	-N								1 1 0	
MCMA	27	2051	2056	2053	N20	E90	1.000	8831	3.6	5	-N	C	2053							
GRP 6070	27	2114	2155	2127	N26	E20	.551	8821	29.4	41	-B			1.42					4 4 4	
LOCK	27	2110	2150	2128	N26	E20	.551	8821	29.4	40	-B	C	2128	1.00	1.20				30	
MCMA	27	2114	2200	2124	N26	E20	.551	8821	29.4	46	-B	C	2124	.93	1.10				E	
CULG	27	2116E	2151D	2127	N26	E20	.551	8821	29.4	35D	1N	1	P	1.96	2.28				CFL	
SACP	27	2116	2157	2129	N26	E20	.551	8821	29.4	41	-N	C		1.78	1.89					
GRP 6071	27	2201	2225	2207	N33	W24	.657	8818	26.1	24	-B			.63					2 2 2	
MCMA	27	2200	2214D	2206	N31	W24	.63													

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IMPOR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hg	MAX. INT. %	
					LAT.	MER. DIST.												
1967 MAY																		
GRP 6073	27	2312	2325	2314	N16	W05	.309	8821	27.6	13	-N			.26			1 1 1	
MANI	27	2312	2325		N16	W05	.309	8821	27.6	13	-N	1	2314	.26	.27			
GRP 6074	27	2353	0015	2357	N26	W27	.612	8818	26.0	22	1N			1.55			1 1 1	
IKOM	27	2353E	0015		N26	W27	.612	8818	26.0	22	1N	V	2357	1.55	2.00	110	E	
GRP 6075	28	0022	0110	0038	N28	W29	.647	8818	25.8	48	1N			2.72			4 3 3	
SACP	28	0022	0048D	0035U	N28	W31	.665	8818	25.7	26D	1B	C		3.28	3.72			
CRON	28	0027E	0104	0035	N28	W30	.656	8818	25.8	37D	1N	C		2.70	3.60	200		
MANI	28	0035E	0110	0043	N29	W27	.639	8818	26.0	35D	1N	1	0043	2.17	2.80			
IKOM	28	0102	0115		N28	W27	.630	8818	26.0	13	1N	V	0102	1.75	2.30	120	E	
GRP 6076	28	0345	0403	0348	N19	E25	.527	8824	30.0	18	-F			.36			1 1 1	
HALE	28	0345	0403	0348	N19	E25	.527	8824	30.0	18	-F	2	C	0348	.36	.40		
GRP 6077	28	0352	0404	0357	N28	E90	1.000	8831	3.9	12	1N			.47			2 2 2	
HALE	28	0352	0403	0356	N28	E89	1.000	8831	3.8	11	-N	2	C	0356	.26			
MANI	28	0356E	0404	0357	N28	E90	1.000	8831	3.9	8D	1N	2	C	0357	.67	2.18		
GRP 6078	28	0354	0429	0358	N30	W35	.715	8818	25.5	35	-N			.26			1 1 1	
HALE	28	0354	0429D	0358	N30	W35	.715	8818	25.5	35D	-N	2	P	0358	.26	.40		
GRP 6079	28	0455	0535	0458	N25	W48	.802	8818	24.6	40	-N			.59			2 2 2	
CULG	28	0455	0505	0458	N23	W49	.803	8818	24.5	10	-N	C		.52	.71			
ATHN	28	0457E	0604	0457	N27	W47	.801	8818	24.7	67D	-N	2	C	0457	.66	1.10	1.90	
GRP 6080	28	0527	0712	0546	N28	W33	.683	8818	25.8	105	3B			13.11			8 7 6	
WEND	28	0525E	0651		N28	W32	.674	8818	25.8	86D	3B	V		15.47				
SIBE	28	0529	0641	0543	N28	W32	.674	8818	25.8	72	2N	C	0543	8.72	11.00	133	T	
ATHN	28	0531E	0700	0545	N29	W30	.664	8818	26.0	89D	3B	2	C	0545	18.48	22.80	2.00	
ONDR	28	0536E	0630D	0539	N29	W34	.699	8818	25.7	54D	2B	V	0538			7.10		
CATA	28	0539E	0810D	0543	N28	W33	.683	8818	25.8	151D	2B			0543	6.38	8.80	389	CFH
TACH	28	0551E	0640D	0552	N26	W33	.667	8818	25.8	49D	4B	V	0552	19.59	25.60	3.40	306	
CAPS	28	0552E	0735		N28	W31	.665	8818	25.9	103D	3B	3	V	0554	10.00	13.00		460
CAPE	28	0645E	0723		N31	W35	.722	8818	25.7	38D	-N	P	0646	.84	1.20		BIT	
GRP 6081	28	0529	0642	0559	N28	W34	.692	8818	25.7	73	3B			10.47			3 3 3	
SIBE	28	0529	0641	0558	N28	W32	.674	8818	25.8	72	2N	C	0558	9.49	11.96	136	T	
CULG	28	0533E	0647D	0602	N27	W36	.703	8818	25.5	74D	3B	P		10.83	14.70		FZ	
CRON	28	0551E	0639	0558	N29	W33	.690	8818	25.8	48D	3B	C		11.10	15.30	300		
GRP 6082	28	0530	0535	0530	N29	W32	.682	8818	25.8	5	1N			2.63			2 2 2	
MANI	28	0529E	0810D		N28	W31	.665	8818	25.9	161D	1N	1	C	0530	2.06	2.74		
CRON	28	0530E	0535D	0530	N29	W33	.690	8818	25.8	5D	1N	C		3.20	4.40	200	E	
GRP 6083	28	0707	0805	0735	N25	W42	.747	8818	25.1	58	2N			3.75			6 6 5	
BUCA	28	0627	0743		N29	W34	.699	8818	25.7	76	2B	C	0627	4.98	6.70			
CAPE	28	0714	0830	0751	N25	W44	.766	8818	25.0	76	2N	C	0751	3.77	5.90		FI	
SIBE	28	0717	0814	0749	N24	W43	.752	8818	25.1	57	1F	C	0749	1.90	2.76	64	T	
CAPS	28	0718	0820		N23	W42	.737	8818	25.2	62	2B	3	C	0755	5.00	7.50	277	F
WEND	28	0719	0742		N24	W45	.770	8818	24.9	23	1N	V		3.09				
ONDR	28	0729E	0802		N23	W43	.747	8818	25.1	33D	1N	V	0754			2.70		
GRP 6084	28	0718	0819	0730	N23	W47	.785	8818	24.8	61	1N			2.42			CFK	
CRON	28	0715	0810	0726	N23	W45	.766	8818	24.9	55	1N	C		1.40	2.20	200	5 5 5	
BUCA	28	0716	0824		N23	W47	.785	8818	24.8	68	1N	C	0733	3.32	5.10			
MONT	28	0720E	0820	0725	N22	W50	.809	8818	24.6	60D	2B	C	0725	2.90			EO	
CAPE	28	0721	0800	0732	N22	W48	.790	8818	24.7	39	-N	C	0732	.87	1.40		IT	
ATHN	28	0725E	0840	0732	N27	W45	.784	8818	24.9	75D	2B	2	C	0732	3.63	6.00	2.00	
GRP 6085	28	0730	0809	0749	N24	W42	.742	8818	25.2	39	1N			2.83			4 4 4	
CAPE	28	0730	0800	0743	N27	W38	.721	8818	25.5	30	-F	C	0743	.52	.70		I	
LOCA	28	0735E	0806D	0745	N23	W44	.756	8818	25.0	31D	1N	S	0745	2.94	4.50			
WEND	28	0755E	0821D		N23	W42	.737	8818	25.2	26D	1F	V		5.16				
ARCE	28	0758E	0810D		N23	W44	.756	8818	25.0	12D	1B	C	0758	2.70	4.10			
GRP 6086	28	0900	1000	0915	N26	W37	.706	8818	25.6	60	1N			2.00			1 1 1	
MONT	28	0900	1000		N26	W37	.706	8818	25.6	60	1N	C	0915	2.00			0	
GRP 6087	28	0955	1011	1001	S24	E22	.518	8825	30.1	16	-F			1.61			1 1 1	
CAPE	28	0955	1011	1001	S24	E22	.518	8825	30.1	16	-F	C	1001	1.61	1.90			
GRP 6088	28	1015	1025	1020	N32	W37	.746	8818	25.7	10	1N						1 1 0	
SALO	28	1015	1025		N32	W37	.746	8818	25.7	10	1N	S	1020			1.40		
GRP 6089	28	1037	1053	1045	S23	E22	.508	8825	30.1	16	-N			.78			1 1 1	
CAPE	28	1037	1053	1045	S23	E22	.508	8825	30.1	16	-F	C	1045	.78	.90			
GRP 6090	28	1112	1126	1120	N24	W85	.997	8817	22.1	14	-F			.28			1 1 1	
CAPE	28	1112	1126	1120	N24	W85	.997	8817	22.1	14	-F	C	1120	.28				
GRP 6091	28	1122	1133	1126	S22	W20	.477	8819	27.0	11	-F			.46			1 1 1	
CAPE	28	1122	1133	1126	S22	W20	.477	8819	27.0	11	-F	C	1126	.46	.50		VH	
GRP 6092	28	1131	1149	1138	S23	E21	.498	8825	30.1	18	-F			.78			1 1 1	
CAPE	28	1131	1149	1138	S23	E21	.498	8825	30.1	18	-F	C	1138	.78	.90			
GRP 6093	28	1218	1225	1220	S20	E50	.792	8828	1.3	7	-F			.32			1 1 1	
CAPE	28	1218	1225	1220	S20	E50	.792	8828	1.3	7	-F	C	1220	.32	.50			
GRP 6094	28	1258	1312	1302	S21	W25	.521	8819	26.7	14	-F			1.38			1 1 1	
CAPE	28	1258	1312	1302	S21	W25	.521	8819	26.7	14	-F	C	1302	1.38	1.60			
GRP 6095	28	1259	1318	1304	N17	E90	1.000	8831	4.3	19	-N			.52			1 1 1	
CAPE	28	1259	1318	1304	N17	E90	1.000	8831	4.3	19	-N	C	1304	.52			A	
GRP 6096	28	1320	1338	1327	N08	W11	.247	8821	27.7	18	-F			.69				

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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. %					
1967 MAY																						
GRP 6142	29	1852	1908	1854	N20	E70	.949	8831	4.0	16	-N							4 4 4				
HUAN	29	1852	1908	1853	N20	E70	.949	8831	4.0	16	-N	2	C	1853	.75				E			
LOCK	29	1852	1908	1856	N18	E70	.948	8831	4.0	16	1N		C	1856	1.00	2.40			20			
SACP	29	1852	1908	1854	N21	E70	.950	8831	4.0	16	-N		C		.86	1.69						
MCMA	29	1853	1907	1854	N21	E70	.950	8831	4.0	14	-N		C	1854	.52	1.70			E			
GRP 6143	29	1856	1940	1905	N31	W68	.950	8818	24.7	44	1N		C		.94				5 5 5			
LOCK	29	1852	2005	1907	N32	W69	.956	8818	24.6	73	1N		C	1907	1.20	2.90			20			
SACP	29	1855	1926	1901	N30	W66	.939	8818	24.8	31	1N		C		1.42	2.66						
HUAN	29	1856	1928	1905	N30	W69	.954	8818	24.6	32	-N	2	C	1905	.70				E			
MCMA	29	1858	1936	1903	N30	W66	.939	8818	24.8	38	-N		C	1903	.36	1.40			E			
HALE	29	1858	1945	1907	N31	W68	.950	8818	24.7	47	1N	1	C	1907	1.03							
GRP 6144	29	2000	2016	2004	N26	E65	.928	8831	3.7	16	-F				.62				3 3 3			
LOCK	29	2000	2014	2004	N25	E66	.933	8831	3.8	14	-F		C	2004	.60	1.40			10			
HALE	29	2000	2018	2003	N26	E64	.923	8831	3.6	18	-N	1	C	2003	.41				J			
SACP	29	2001	2016	2005	N28	E65	.931	8831	3.7	15	-F		C		.86	1.54						
GRP 6145	29	2045	2200	2105	N10	W36	.609	8818	27.2	75	-F								1 1 0			
LOCK	29	2045	2200	2105	N10	W36	.609	8818	27.2	75	-F		C						K			
GRP 6146	29	2053	2128	2101	N10	W33	.569	8821	27.4	35	-N				.56				4 4 4			
LOCK	29	2045	2200	2125	N10	W36	.609	8821	27.2	75	-F		C	2125	1.20	1.60			10			
HUAN	29	2054	2109D	2101	N10	W32	.555	8821	27.5	15D	-N	2	C	2101	.35	.37			K			
MCMA	29	2057	2112	2101	N10	W32	.555	8821	27.5	15	-N		C	2101	.31	.40			D			
SACP	29	2058	2112	2102	N09	W32	.551	8821	27.5	14	-N		C		.38	.40			D			
GRP 6147	29	2115	2148	2121	N07	W36	.599	8821	27.2	33	-N				.68				2 2 2			
SACP	29	2112	2148	2120	N07	W36	.599	8821	27.2	36	-N		C		.95	1.02						
MCMA	29	2117	217D	2121	N07	W35	.585	8821	27.3	30D	-F		C	2121	.41	.50			FS			
GRP 6148	29	2214	2231	2217	N29	W51	.841	8818	26.1	17	-N				.84				4 4 4			
SACP	29	2214	2228	2216	N29	W51	.841	8818	26.1	14	-N		C		.95	1.33						
LOCK	29	2214	2230U	2217	N31	W51	.848	8818	26.1	16U	-N		C	2217	1.00	1.80			20			
CULG	29	2215	2226	2215	N28	W50	.829	8818	26.2	11	-N		C		.72	1.26						
MANI	29	2217E	2238	2219	N28	W53	.853	8818	26.0	21D	-N	1		2219	.67	1.20						
GRP 6149	29	2252	2327	2302	N21	E69	.945	8831	4.1	35	-N				.34				2 2 2			
SACP	29	2252	2316	2258	N21	E67	.934	8831	4.0	24	-F		C		.47	.86						
MANI	29	2305E	2337		N20	E70	.949	8831	4.2	32D	-N	1		2305	.21	.44						
GRP 6150	29	2314	2333	2318	N26	W52	.838	8818	26.1	19	-N				.98				4 4 4			
SACP	29	2313	2326	2318	N25	W50	.818	8818	26.2	13	-N		C		1.23	1.66						
CULG	29	2313	2336	2317	N24	W51	.823	8818	26.1	23	-N		C		1.03	1.80						
IKOMI	29	2314E	2323D		N25	W51	.827	8818	26.1	9D	-N		V	2316	.62	1.10	2.42	110	D			
MANI	29	2316	2337	2320	N28	W55	.867	8818	25.8	21	-N	1		2320	1.03	1.88			F			
GRP 6151	30	0022	0051	0032	N28	W52	.844	8818	26.1	29	-N				.62				2 2 2			
CULG	30	0019	0050	0034	N27	W53	.849	8818	26.0	31	-N		C		.93	1.71			L			
SACP	30	0024	0052	0029	N29	W51	.840	8818	26.2	28	-F		C		.31	.43						
GRP 6152	30	0205	0211	0206	S19	E30	.567	8828	1.3	6	-N				.15				1 1 1			
MANI	30	0205E	0211		S19	E30	.567	8828	1.3	6D	-N	2		0206	.15	.19						
GRP 6153	30	0222	0243	0229	N23	W68	.941	8818	25.0	21	-N				.41				2 2 2			
CULG	30	0222	0249	0229	N22	W68	.940	8818	25.0	27	-N		C		.41	1.00						
CRON	30	0227E	0236	0229	N23	W68	.941	8818	25.0	9D	-N		C		.40	1.00			200			
GRP 6154	30	0312	0346	0319	N24	E64	.919	8831	3.9	34	-F				.26				1 1 1			
HALE	30	0312	0346	0319	N24	E64	.919	8831	3.9	34	-F	1	C	0319	.26				IJ			
GRP 6155	30	0406	0435	0411	N30	W49	.829	8818	26.5	29	1N				1.08				4 4 4			
CULG	30	0405	0449	0410	N30	W49	.829	8818	26.5	44	1N		C		1.44	2.66			L			
HALE	30	0405	0452D	0409	N31	W45	.802	8818	26.8	47D	-B	1	C	0409	.83	1.40			CFI JLV			
CRON	30	0408	0412	0410	N35	W49	.849	8818	26.5	4	-N				.40	.70						
TACH	30	0412E	0428		N23	W51	.820	8818	26.3	16D	1F		V	0415	1.65	2.30	2.00	57	E			
GRP 6156	30	0418	0434	0429	N22	E66	.929	8831	4.1	16	-N				.15				1 1 1			
HALE	30	0418	0434	0429	N22	E66	.929	8831	4.1	16	-N	1	C	0429	.15							
GRP 6157	30	0645	0700	0648	N25	W69	.948	8818	25.1	15	-N				.52				1 1 1			
MANI	30	0645	0700	0648	N25	W69	.948	8818	25.1	15	-N	2		0648	.52	1.11						
GRP 6158	30	0705	0742	0711	N19	E63	.906	8831	4.0	37	1F				1.10				2 2 1			
BUCA	30	0701	0754		N19	E62	.899	8831	3.9	53	1F		P	0710	1.10	2.60						
CANA	30	0708	0729	0712	N18	E63	.904	8831	4.0	21	-F		C		.20	.40			100			
GRP 6159	30	0849	0900	0853	N29	W79	.987	8818	24.4	11	-N				.28				3 3 3			
CANA	30	0847	0859	0852	N28	W78	.984	8818	24.5	12	-N		C		.10	.30			200			
BUCA	30	0850	0857		N30	W81	.992	8818	24.3	7	-B		C	0851	.33							
CAPS	30	0851E	0903		N28	W79	.987	8818	24.4	12D	-N	3		0855	.40				CD			
GRP 6160	30	1004	1007	1006	N25	W69	.948	8818	25.2	3	-N				.50				1 1 1			
CAPS	30	1004	1007D		N25	W69	.948	8818	25.2	3D	-N	2		1006	.50				D			
GRP 6161	30	1017	1022	1020	N25	W77	.980	8818	24.7	5	1N				.70				2 2 2			
CANA	30	1017	1022	1020	N25	W78	.983	8818	24.6	5	-N		C		.40	1.20			200			
CAPS	30	1018E	1022		N25	W75	.974	8818	24.8	4D	1N	2		1019	1.00				189			
GRP 6162	30	1110	1120	1115	N27	E62	.912	8831	4.1	10	1F								1 1 0			
SALO	30	1110	1120	1115	N27	E62	.912	8831	4.1	10	1F		V	1115			1.10					
GRP 6163	30	1123	1128	1124	S18	E21	.450	8828	1.0	5	-F				.							

SOLAR FLARES

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS	
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α		MAX. INT. %
					LAT.	MER. DIST.												
	1967 MAY																	
GRP 6166	30	1435	1445	1438	N30	W60	.905	8818	26.1	10	-N						2 2 2	
HUAN	30	1435	1444	1438	N30	W59	.899	8818	26.2	9	-N	2	C	1438	.45	.73		E
MCMA	30	1435	1445	1437	N30	W60	.905	8818	26.1	10	-N		C	1437	.62	1.50		E
GRP 6167	30	1510	1535	1513	N22	W85	.997	8818	24.3	25	-B						1 1 1	
ATHN	30	1510	1535	1513	N22	W85	.997	8818	24.3	25	-B	2		1513	.76		2.00	1 1 1
GRP 6168	30	1550	1609	1601	S22	E19	.470	8828	1.1	19	-F							2 2 2
LOCK	30	1543	1611	1601	S22	E19	.470	8828	1.1	28	-F		C	1601	.50	.60		10
LOCK	30	1543	1611	1548	S22	E19	.470	8828	1.1	28	-F		C	1601	.50	.60		10
HUAN	30	1556	1606	1601	S22	E19	.470	8828	1.1	10	-F	2	C	1601	.25	.25		
GRP 6169	30	1553	1609	1558	N27	E55	.864	8831	3.8	16	-F							2 2 2
LOCK	30	1550	1617	1557	N26	E54	.853	8831	3.7	27	-F		C	1557	.60	1.10		10
HUAN	30	1556	1601	1558	N27	E55	.864	8831	3.8	5	-F	2	C	1558	.25	.36		
GRP 6170	30	1629	1640	1630	N23	W85	.997	8818	24.3	11	-N							1 1 1
ATHN	30	1629	1640	1630	N23	W85	.997	8818	24.3	11	-N	2		1630	.53		1.60	1 1 1
GRP 6171	30	1654	1704	1700	N26	W78	.984	8818	24.9	10	-N				.21			1 1 1
HOUS	30	1654U	1704U	1700	N26	W78	.984	8818	24.9	10U	-N		C		.21	.60		200
GRP 6172	30	1727	1752	1731	N24	E56	.864	8831	3.9	25	-N				.65			5 4 4
LOCK	30	1726	1740D	1732	N24	E55	.856	8831	3.9	14D	-N		C	1732	1.00	1.90		20
HUAN	30	1727	1749	1732	N23	E57	.869	8831	4.0	22	-N	2	C	1732	.57	.85		
HALE	30	1727	1752	1729	N23	E54	.845	8831	3.8	25	-B	2	C	1729	.31	.60		E
MCMA	30	1728	1755	1732	N24	E57	.871	8831	4.0	27	-N		C	1732	.72	1.40		E
SACP	30	1743E	1753D	1743E	N25	E56	.866	8831	3.9	10D	-N		C		.61	.89		
GRP 6173	30	1743	1753	1744	N24	W70	.952	8818	25.5	10	-B				.31			1 1 1
HALE	30	1743	1753	1744	N24	W70	.952	8818	25.5	10	-B	1	C	1744	.31			IJ
GRP 6174	30	1835	1910	1850	S25	W21	.522	8825	29.2	35	-F				.50			1 1 1
LOCK	30	1835	1910U	1850U	S25	W21	.522	8825	29.2	35U	-F		C	1850	.50	.60		10
GRP 6175	30	1851	1859	1855	N24	E45	.769	8831	3.2	8	-B				.10			1 1 1
HALE	30	1851	1859	1855	N24	E45	.769	8831	3.2	8	-B	1	C	1855	.10	.20		IJ
GRP 6176	30	1858	1908	1904	N25	W82	.993	8818	24.6	10	-N				.31			2 2 2
HALE	30	1856	1908	1903	N25	W81	.991	8818	24.7	12	-B	1	C	1903	.31			IJV
LOCK	30	1900	1908	1904	N24	W82	.993	8818	24.6	8	-F		C	1904	.30	1.00		10
GRP 6177	30	1910	1934	1913	N22	E55	.851	8831	3.9	24	-N				.55			3 3 3
HALE	30	1907	1909D	1909	N22	E58	.874	8831	4.1	2D	-B	1	C	1909	.41	.80		V
LOCK	30	1907	1945U	1910	N20	E57	.862	8831	4.1	38U	-N		C	1910	1.00	1.90		20
HUAN	30	1916	1923		N24	E51	.823	8831	3.6	7	-F	1	C	1919	.25	.34		D
GRP 6178	30	1923	1937	1926	N22	E56	.859	8831	4.0	14	-N				.45			3 3 3
HUAN	30	1923	1930		N21	E57	.865	8831	4.1	7	-F	1	P	1925	.57	.83		E
MCMA	30	1924E	1930D	1925	N24	E57	.871	8831	4.1	6D	-N		C	1925	.41	.80		E
HALE	30	1927E	1952	1927	N22	E55	.851	8831	3.9	25D	-B	1	C	1927	.36	.70		FIJK
GRP 6179	30	1958	2034	2000	N22	E57	.867	8831	4.1	36	-B				.31			1 1 1
HALE	30	1958	2034	2000	N22	E57	.867	8831	4.1	36	-B	1	C	2000	.31	.60		IJK
GRP 6180	30	2011	2018	2012	N23	E44	.755	8831	3.1	7	-B				.21	.30		1 1 1
HALE	30	2011	2018	2012	N23	E44	.755	8831	3.1	7	-B	1	C	2012	.21	.30		IJ
GRP 6181	30	2024	2051	2029	N27	W77	.981	8818	25.1	27	1N				.44			2 2 2
HALE	30	2022	2058	2030	N26	W74	.971	8818	25.3	36	1N	1	C	2030	.62			IJ
HUAN	30	2025	2043		N27	W80	.989	8818	24.9	18	-F	1	C	2028	.25			D
GRP 6182	30	2056	2112	2103	N13	W44	.717	8821	27.6	16	-N				.42			4 4 4
HALE	30	2048	2115	2101	N10	W43	.697	8821	27.6	27	-N	1	C	2101	.46	.60		J
HUAN	30	2100	2105	2101	N20	W44	.742	8821	27.6	5	-F	1	C	2101	.31	.37		E
LOCK	30	2100U	2112U	2106U	N12	W46	.737	8821	27.4	12U	-F		C	2106	.50	.80		10
SACP	30	2102E	2117D	2103	N09	W44	.706	8821	27.6	15D	-N		C		.40	.47		
GRP 6183	30	2230	2306	2231	N28	E48	.812	8831	3.5	36	-N				1.19			1 1 1
MANI	30	2230E	2306		N28	E48	.812	8831	3.5	36D	-N	1		2231	1.19	1.94		
GRP 6184	30	2339	2349	2340	N09	W46	.730	8821	27.5	10	-N				.62			1 1 1
HALE	30	2339	2349	2340	N09	W46	.730	8821	27.5	10	-N	1	C	2340	.62	.90		FJ
GRP 6185	31	0423	0455	0434	S23	W57	.862	8819	26.9	32	-N				.62			1 1 1
CULG	31	0423	0455	0434	S23	W57	.862	8819	26.9	32	-N		C		.62	1.20		
GRP 6186	31	0448	0456	0450	N29	W70	.956	8818	26.0	8	-B				.33			1 1 1
ATHN	31	0448	0456	0450	N29	W70	.956	8818	26.0	8	-B	1		0450	.33		2.00	1 1 1
GRP 6187	31	0539	0557	0541	N28	W04	.486	8824	30.9	18	-N				.99			1 1 1
ATHN	31	0539	0557	0541	N28	W04	.486	8824	30.9	18	-N	1		0541	.99	1.10	1.80	1 1 1
GRP 6188	31	0737	0747	0739	N29	W06	.505	8824	30.9	10	-N				.39			3 3 3
ATHN	31	0737	0744	0739	N28	W06	.491	8824	30.9	7	-N	1		0739	.66	.70	1.90	
MEUD	31	0738E	0738D		N30	W03	.514	8824	31.1		-N		C	0738	.31	.30		C
MANI	31	0739E	0749	0741	N28	W08	.497	8824	30.7	10D	-N	2		0741	.21	.24		
GRP 6189	31	0839	0850	0844	N24	E42	.740	8831	3.5	11	-N				1.08			5 5 5
MEUD	31	0836	0842D	0838	N28	E45	.786	8831	3.7	6D	-N		C	0838	.46	.70		E
MANI	31	0837	0850	0845	N23	E51	.819	8831	4.2	13	-F	2		0845	1.03	1.85		
CRON	31	0841	0849	0846	N23	E37	.684	8831	3.1	8	-N		C		1.10	1.50		200
CANA	31	0841	0850	0845	N23	E37	.684	8831	3.1	9	-N		C		.80	1.10		200
CAPS	31	0844E	0848D		N23	E40	.715	8831	3.4	4D	1F	1		0847	2.00	2.80		H
GRP 6190	31	0938	0942	0939	N28	E46	.795	8831	3.9	4	-N				.42			2 2 2
ARCE	31	0936E	0943D		N28	E47	.803	8831	3.9	7D	-N		P	0937	.58	.90		C
MEUD	31	0940E	0941D		N28	E45												

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS.		MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH FLAGE REGION	CMP DAY			COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %	
1967 MAY																			
GRP 6191	31	1124	1136	1126	N29	W81	.992	8818	25.4	12	-N								
ATHN	31	1123E	1138	1123	N28	W80	.989	8818	25.5	15D	-N	1	1123	.66		1.80			5 5 4
CANA	31	1124	1138	1126	N31	W80	.990	8818	25.5	14	1N	C		.90	3.00		200		
MCMA	31	1125	1133	1127	N28	W85	.998	8818	25.1	8	-N	C	1127					E	
CAPS	31	1125	1134		N30	W80	.990	8818	25.5	9	1N	3	1130	1.50			163	E	
MEUD	31	1125	1138D		N30	W80	.990	8818	25.5	13D	-N	C	1126	.83					
GRP 6192	31	1208	1221	1210	N27	W11	.496	8824	30.7	13	-N			.21					2 2 1
HUAN	31	1208	1215	1210	N27	W11	.496	8824	30.7	7	-F	2	1210	.21	.21				D
CAPS	31	1210E	1227		N27	W10	.491	8824	30.8	17D	-N	3							H
GRP 6193	31	1227	1235	1229	N23	E38	.694	8831	3.4	8	-F			.25					1 1 1
HUAN	31	1227	1235	1229	N23	E38	.694	8831	3.4	8	-F	2	1229	.25	.29				D
GRP 6194	31	1252	1300	1254	N28	E42	.760	8831	3.7	8	-N			.41					1 1 1
MCMA	31	1252	1300	1254	N28	E42	.760	8831	3.7	8	-N	C	1254	.41	.60				E
GRP 6195	31	1303	1316	1306	N19	W19	.457	8824	30.1	13	-N			.63					2 2 2
CAPS	31	1302E	1311		N19	W17	.437	8824	30.3	9D	-N	3	1305	.80	.90				CF
HUAN	31	1304E	1320		N19	W20	.468	8824	30.0	16D	-F	1	1307	.45	.46				E
GRP 6196	31	1357	1414	1400	N27	E43	.764	8831	3.8	17	-N			.67					3 3 3
HUAN	31	1356	1411	1359	N28	E45	.786	8831	4.0	15	-N	2	1359	.41	.53				D
MCMA	31	1357	1401D	1359	N28	E42	.760	8831	3.7	4D	-N	C	1359	.41	.60				E
CAPS	31	1357E	1417D		N25	E42	.745	8831	3.7	20D	-F	2	1401	1.20	1.80				J
GRP 6197	31	1358	1407	1400	N19	W20	.468	8824	30.1	9	-F			.25					1 1 1
HUAN	31	1358	1407	1400	N19	W20	.468	8824	30.1	9	-F	2	1400	.25	.25				D
GRP 6198	31	1431	1440	1434	N30	E43	.780	8831	3.8	9	-F			.21					1 1 1
HUAN	31	1431	1440	1434	N30	E43	.780	8831	3.8	9	-F	1	1434	.21	.27				D
GRP 6199	31	1546	1600	1548	N24	E37	.690	8831	3.4	14	-F			.36					2 2 2
SACP	31	1546	1556D	1548	N24	E36	.680	8831	3.4	10D	-F	C		.40	.46				
HUAN	31	1546	1600	1547	N23	E38	.694	8831	3.5	14	-F	2	1547	.31	.36				D
GRP 6200	31	1630	1710	1634	N27	E39	.762	8831	3.6	40	-N			.31					2 2 2
HUAN	31	1630	1640D	1632	N25	E38	.706	8831	3.5	10D	-F	1	1632	.35	.41				DH
MCMA	31	1630	1710	1635	N28	E40	.743	8831	3.7	40	-N	C	1635	.26	.40				D
MCMA	31	1630	1710	1650	N28	E40	.743	8831	3.7	40	-N		1650	.83	1.30				E
GRP 6201	31	1745	1825	1751	N24	E44	.759	8831	4.0	40	-N			.68					4 4 4
HOUS	31	1744U	1805U	1748U	N22	E43	.740	8831	4.0	21U	-N	C		.83	1.20				E
SACP	31	1744	1810U	1754	N25	E43	.754	8831	4.0	26U	-F	C		.91	1.11				
HUAN	31	1745E	1754D		N22	E45	.760	8831	4.1	9D	-F	1	1750	.31	.39				D
MCMA	31	1745	1825	1752	N28	E45	.786	8831	4.1	40	-N	C	1752	.67	1.10				E
GRP 6202	31	1842	1852	1844	N28	E41	.752	8831	3.9	10	-N			.92					2 2 2
HUAN	31	1842	1849		N27	E40	.737	8831	3.8	7	-N	1	1844	.80	.97				
MCMA	31	1842	1855	1844	N29	E42	.766	8831	3.9	13	-N	C	1844	1.03	1.60				E
GRP 6203	31	1923	1929	1926	N28	E42	.760	8831	4.0	6	-N			.30					1 1 1
SACP	31	1923	1929	1926	N28	E42	.760	8831	4.0	6	-N	C		.30	.37				
GRP 6204	31	1944	2007	1946	N28	E41	.752	8831	3.9	23	-N			.64					2 2 2
HUAN	31	1943	2004	1945	N27	E40	.737	8831	3.8	21	-N	1	1945	.45	.55				
MCMA	31	1945	2010D	1946	N29	E42	.766	8831	4.0	25D	-N	C							E
MCMA	31	1945	2010D	2000	N29	E42	.766	8831	4.0	25D	-N		2000	.83	1.30				E
GRP 6205	31	2038	2047	2041	N24	E43	.749	8831	4.1	9	-F			.37					1 1 1
HUAN	31	2038E	2047D		N24	E43	.749	8831	4.1	9D	-F	1	2041	.37	.46				E
GRP 6206	31	2104	2150	2108	N28	E40	.743	8831	3.9	46	1N			1.44					1 1 1
MCMA	31	2104	2150D	2108	N28	E40	.743	8831	3.9	46D	1N	C	2108	1.44	2.10				E
GRP 6207	31	2301	2310	2302	N25	E37	.696	8831	3.7	9	-N			.77					2 2 2
IKOM	31	2300	2310		N27	E38	.718	8831	3.8	10	-F	V	2300	.83	1.20				E
SACP	31	2302	2310	2303	N23	E35	.663	8831	3.6	8	-N	C		.70	.79				90
GRP 6208	31	2350	0006	2350	N23	E33	.642	8831	3.5	16	-F			.72					1 1 1
IKOM	31	2350E	0006D		N23	E33	.642	8831	3.5	16D	-F	V	2350	.72	.90				D