

# SOLAR FLARES

APRIL 1965

OBSERVATORY	DATE APR 1965	OBSERVED UNIVERSAL TIME			LOCATION			DURATION — MINUTES	IM- POR- TANCE	OBS. COND.	MEASUREMENTS					REMARKS
		START	END	MAX. PHASE	APPROX.		MCMATH FLAGE REGION				TIME — U T	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %	
					LAT.	MER. DIST.										
	01	1845	1910	NO FLARE	PATROL											
	01	1930	2050	NO FLARE	PATROL											
	01	2110	2120	NO FLARE	PATROL											
	01	2130	2140	NO FLARE	PATROL											
	01	2230	2305	NO FLARE	PATROL											
	02	0210	0215	NO FLARE	PATROL											
	02	0220	0230	NO FLARE	PATROL											
	02	2205	2225	NO FLARE	PATROL											
CULG	06	0447 E	0514	0455	N07 W25			1-	P	0455	.40	.46				CGH
OTTA	06	1452	1456	1453	S10 W05			1-	C	1453	.11	.11				
SACP	06	1455 E	1501	1455	S10 W05			1-	P		.19	.19			17	
OTTA	06	1517	1538	1531	N27 W60	7758		1-	C	1531	.10	.17				
SACP	06	1520	1540	1527	N27 W59	7758		1-	C		.25	.43			17	
	06	1940	1945	NO FLARE	PATROL											
	06	1955	2005	NO FLARE	PATROL											
	06	2015	2025	NO FLARE	PATROL											
MITK	06	2239	2247	2243	S36 W44	7756		1-	C							G
CULG	08	0148	0200	0151	S23 E19			1-	C	0151	.60	.66				CGL
CULG	08	0316	0336	0323	N19 W60			1-	C	0323	.60	1.41				GH
CULG	08	0448	0512	0457	S07 E56	7765		1-	C	0457	.40	.68				CGH
CATA	09	0855	0925		N70 W40		30	1		0855	.38	2.16			119	DG
	09	1100	1115	NO FLARE	PATROL											
	09	1125	1135	NO FLARE	PATROL											
	09	1145	1150	NO FLARE	PATROL											
	10	1015	1020	NO FLARE	PATROL											
CAPS	11	0829 E	0852		N03 E87	7771	23 D	2	3	0835	1.00	6.00			205	C
KANZ	11	0934 E	1100 D		N03 E90	7771		1-								
KANZ	11	1355 E	1504		N03 E90	7771	69 D	1								
SACP	11	1453	1526	1458	N05 E90	7771		1-	C		.85	.85			19	
CAPS	11	1502 E	1520 D		N03 E85	7771	18 D	1	3	1515	.80	3.20			180	C
SACP	11	2314	2328	2317	N05 E82	7771		1-	C		.21	.21			17	
MITK	11	2315	2330	2319	N05 E85	7771		1-	C							
MITK	12	0114	0126	0117	N05 E85	7771		1-	C							
MITK	12	0225	0238	0229	N05 E85	7771		1-	C							
MITK	12	0628	0643	0634	N05 E85	7771		1-	C							
MANI	12	0845 E	0850		N04 E80	7771		1-	2	0846	.10	.24				
CATA	12	1027 E	1125 D		N28 E31	7768		1-		1027	.38	.55			124	GH
SACP	12	1850 U	2010 U	1918	N32 E06	7759		1-	C		.85	.94			18	
CULG	12	2232	2302 D	2243	N06 E70	7771	30 D	1	P	2243	1.20	3.60				
CULG	13	0629	0644 D	0639	N05 E63	7771	15 D	1	P	0639	1.80	4.50				F
MANI	13	0631	0648	0636	N04 E69	7771		1-	2	0636	.20	.36				
CATA	13	0635 E	0715	0641	N04 E66	7771	40 D	1		0641	1.24	2.55			148	E
CAPE	13	0639 E	0707		N04 E66	7771		1-	P	0639	.70	1.70				E

# SOLAR FLARES

APRIL 1965

118

OBSERVATORY	DATE APR 1965	OBSERVED UNIVERSAL TIME			LOCATION			DURA- TION - MINUTES	IM- POR- TANCE	OBS. COND.	MEASUREMENTS					REMARKS			
		START	END	MAX. PHASE	APPROX.		McMATH FLARE REGION				TIME - UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hr	MAX. INT. °				
					LAT.	MER. DIST.													
WROC	13	0725	E	0850	D		S05	E50	7771	85	D	1+							
HUAN	13	1503		1523			N06	E63	7771			1-	P	1516	.23	.47			E
CAPS	13	1504		1525	D		N04	E63	7771			1-	2	1518	.30	.70			EH
UCCL	13	1504		1525			N04	E65	7771			1-	3						E
MCMA	13	1505		1534			N07	E62	7771			1-	2	1507	.50	1.00			DH
	14	0405		0440		NO FLARE	PATROL												
MANI	14	0542		0607		0550	N05	E52	7771	25		1	1	0550	2.00	2.60			
KODA	14	0544	E	0547	D		N06	E52	7771	3	D	1	P		2.60	4.30			
	14	0620		0630		NO FLARE	PATROL												
CAPE	14	0729		0842		0743	N05	E51	7771	73		1	C	0743	1.10	1.70			
CATA	14	0730		0841		0745	N04	E50	7771	71		1		0745	2.78	4.47		170	E
MANI	14	0743	E	0806		0746	N05	E51	7771			1-	1	0746	.50	.65			
CATA	14	0820		0841		0823	S31	E45	7775			1-		0823	.44	.68		120	GH
WEND	15	1025	E	1038	D		N03	E29	7771			1-							
SACP	15	1556		1610		1602	N01	E29	7771			1-	C		.17	.17		17	
SACP	15	1948		2003		1954	N04	E27	7771			1-	C		.60	.62		17	
HUAN	15	1949		1956		1953	N03	E29	7771			1-	C	1953	.27	.31			E
HALE	15	2010		2045		2016	N03	E32	7771			1-	2	2016	.60	.60			F
SACP	15	2011		2047		2017	N03	E32	7771			1-	C		.34	.36		18	
HUAN	15	2012		2035		2016	N04	E33	7771			1-	C	2016	.21	.25			E
LOCK	15	2107		2147		2121	N05	E29	7771			1-	C	2121	1.20	1.20		20	
SACP	15	2109		2140		2115	N05	E30	7771	31		1	C		2.59	2.71		25	
CLMX	15	2109		2144		2118	N04	E31	7771			1-	C	2118	.90	1.00			
HALE	15	2110		2216		2115	N04	E30	7771	66		1	2	2115	2.50	2.50			
HUAN	15	2111		2138		2116	N04	E31	7771			1-	C	2116	1.10	1.31			E
HALE	15	2113		2117		2114	N01	E25	7771			1-	2	2114	.10	.10			H
CULG	15	2114	E	2139		2116	N04	E31	7771	25	D	2	P	2116	4.60	5.29			FL
LOCK	15	2214		2235		2224	N02	E29	7771			1-	C	2224	.60	.60		10	
LOCK	15	2310		2348		2325	N03	E29	7771			1-	C	2325	1.20	1.20		20	F
CLMX	15	2317		2329	D	2324	N04	E29	7771			1-	C	2324	1.30	1.00			
HALE	15	2317		2331		2323	N03	E28	7771	14		1	1	2323	2.10	2.10			F
MITK	15	2317		2332		2323	N05	E30	7771			1-	C						E
SACP	15	2317	E	2335		2324	N05	E29	7771			1-	C		1.38	1.43		22	
LOCK	15	2328		2348		2340	N22	E90	7781			1-	C	2340	.30	1.50		10	
SACP	15	2333		2347		2337	N23	E88	7781			1-	C		.34			17	
MITK	15	2333		2350		2341	N03	E30	7771			1-	C						E
HALE	15	2334		2349		2344	N03	E28	7771			1-	1	2344	2.00	2.00			FH
MITK	15	2350		0020		2357	N05	E28	7771	30		1	C						EH
MANI	15	2351		0039		2357	N05	E29	7771			1-	2	2357	1.50	1.50			
MANI	15					0026													
LOCK	15	2352		0021		2358	N05	E29	7771			1-	C	2358	1.30	1.30		20	
LOCK	15					0008													
HALE	15	2353		0015		2356	N04	E29	7771	22		1	1	2356	2.60	2.60			F
CLMX	15	2353		0016	D	2356	N04	E30	7771	23	D	1	C	2356	2.60	3.00			
SACP	15	2353		0018		2355	N05	E29	7771	25		1	C		2.85	2.97		30	
CULG	15	2353		2400	D		N04	E30	7771	7	D	2	P	2400	5.00	5.75			FL
IKOM	16	0012		0020	D		N03	E32	7771	8	D	1	V	0012	3.20	3.70		100	E
HALE	16	0023		0045	D	0028	N03	E29	7771			1-	1	0028	2.00	2.00			

# SOLAR FLARES

APRIL 1965

OBSERVATORY	DATE	OBSERVED UNIVERSAL TIME			LOCATION			DURATION MINUTES	IM- POR- TANCE	OBS. COND.	MEASUREMENTS					REMARKS	
		START	END	MAX. PHASE	APPROX.		MATH PLAGE REGION				TIME - U T	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH He	MAX. INT. %		
					LAT.	MER. DIST.											
MITK	16	0023	0046	0030	N04	E30	7771		1-	C						E	
CLMX	16	0024	E 0030	D	N04	E30	7771		1-	C	0028	1.20	1.00				
SACP	16	0024	0045	0029	N05	E29	7771	21	1	C		2.59	2.69		24		
CULG	16	0025	0044	0032	N04	E29	7771	19	1	C	0032	4.00	4.60			L	
SIBE	16	0026	0041	0029	N04	E30	7771		1-	C	0029	2.30	1.33		44	CD	
IKOM	16	0027	E 0039	D	N03	E32	7771	12	D	1+	V	0029	4.60	5.30		120	E
SACP	16	0044	0106	0049	N22	E88	7781		1-	C		.21			18		
SACP	16	0050	U 0123	U	N05	E29	7771		1-	C		1.26	1.31		22		
MITK	16	0058	0118	0104	N05	E30	7771		1-	C						E	
HALE	16	0058	E 0143	E	N05	E29	7771		1-	1	0100	1.00	1.00			F	
IKOM	16	0100	E 0106	D	N03	E32	7771	6	D	1	V				100	E	
CLMX	16	0100	E 0108	D	N04	E29	7771		1-	C	0101	.50	1.00				
CULG	16	0100	0120	0103	N05	E30	7771	20	1	C	0103	2.00	2.30			L	
SIBE	16	0102	E 0117	E	N06	E31	7771		1-	C	0103	1.50	.89		40	CD	
KODA	16	0408	E		N08	E24	7771		1	P		1.90	2.20				
CULG	16	0431	0518	0450	N04	E27	7771	47	1	C	0450	2.60	2.99			L	
MITK	16	0436	0506	0451	N04	E26	7771		1-	C						D	
CATA	16	0915	1122	1011	N04	E21	7771	127	2		1011	8.66	9.48		166	I	
CAPS	16	0942	1105		N03	E22	7771	83	2	3	1012	6.20	6.70		208	EFJ	
LOCK	16	2211	2230	2219	N18	E71	7781		1-	C	2219	.40	.90		10		
HALE	16	2212	D 2225	D	N18	E70	7781		1-	1	2219	.20	.40				
CULG	16	2212	2233	2218	N18	E73	7781		1-	C	2218	.40	1.60			CGJ	
SACP	16	2214	2300	U 2222	N18	E70	7781		1-	C		.47	.98		19		
CULG	17	0139	0152	0143	N04	E16	7771		1-	C	0143	.20	.21			L	
MITK	17	0301	0313	0306	N06	E12	7771		1-	C							
SACP	17	1332	1339	1332	N05	E02	7771		1-	C		.21	.21		18		
SACP	17	1423	1456	1430	N04	E01	7771		1-	C		.21	.21		19		
KANZ	17	1430	E 1450	D	N02	E05	7771		1-								
HALE	17	2132	2215	2135	N22	E59	7781		1-	1	2135	.20	.30				
LOCK	18	1905	2030	1941	N20	E49	7781	85	1	C	1941	1.80	2.70		20		
SACP	18	1910	1945	1926	N20	E49	7781		1-	C		1.46	1.96		20		
MCMA	18	1912	1940	1925	N22	E50	7781		1-	2	1925	.90	1.60			EJ	
CULG	18	2353	2400	2357	N55	W28			1-	C	2357	.20	.45			G	
CULG	19	0340	0405	0350	N22	E43	7781		1-	C	0350	.80	1.24			G	
HALE	19	1903	1958	1912	N04	W27	7771		1-	2	1912	.60	.60			L	
LOCK	19	1905	1940	1915	N05	W24	7771		1-	C	1915	.80	.80		10		
MCMA	19	1909	1921	1913	N03	W23	7771		1-	1	C	1913	.30	.40			D
CLMX	19	1909	1935	1915	N09	W26	7771		1-	C	1915	.70	1.00				
MANI	20	0233	0305	0242	N05	W28	7771		1-	2	0242	.17	.17				
LOCK	21	0031	0052	0039	N20	E17	7781		1-	C	0039	.30	.30		20	L	
SACP	21	0049	0117	U 0059	N19	E17	7781		1-	C		1.34	.36		17		
CULG	21	0120	0145	0131	N02	E18			1-	C	0131	.40	.42			CGL	
HALE	21	0126	0200	0131	N02	E18			1-	1	0131	.20	.20				
HALE	21	0134	0200	0141	N19	E18	7781		1-	1	0141	.30	.30				
HALE	21	0134	0233	0148	N18	E17	7781		1-	1	0148	.50	.50				
LOCK	21	0135	0153	D 0149	N20	E17	7781		1-	C	0149	.50	.50		20	L	

# SOLAR FLARES

APRIL 1965

OBSERVATORY	DATE APR 1965	OBSERVED UNIVERSAL TIME			LOCATION			DURATION - MINUTES	IM- POR- TANCE	OBS. COND.	MEASUREMENTS					REMARKS
		START	END	MAX. PHASE	APPROX.		McMATH FLARE REGION				TIME - UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %	
					LAT.	MER. DIST.										
HALE	21	0319	0415	0329	N21	E18	7781		1-	2	0329	1.00	1.00			F
CULG	21	0428	0453	0435	N18	E16	7781		1-	C	0435	.20	.22			GL
CATA	21	0635 E	0730	0640	N18	E14	7781		1-		0640	.94	1.06		132	EH
ATHN	21	0657 E	0702		N19	E19	7781		1-	2	0657	.30	.30			
SACP	21	1336	1402	1344	N22	W40	7779		1-	C		.25	.31		19	
OTTA	21	1343 E	1349 D		N21	W40	7779		1-	P	1345	.8	.9			
CULG	22	0353	0403	0356	N17	W02	7781		1-	C	0356	.20	.21			H
CATA	23	0725	0800	0748	N23	W65	7779		1-		0748	.16	.39		129	G
ATHN	23	0823 E	0833		N17	W16	7781		1-	2	0824	.50	.50			
	23	1200	1205	NO FLARE	PATROL											
CULG	23	2202	2215	2204	N30	W48			1-	C	2204	.20	.36			CH
OTTA	25	1456	1544 D		S05	W23	7785		1-	P	1533					
CAPS	25	1532	1558		S05	W22	7785	26	1-	3	1545	.60	.70		208	DGH
CLMX	25	1533	1600	1551	S01	W24	7785		1-	C	1551	.50	1.00			
LOCK	25	1545 E	1600	1545 U	S06	W22	7785		1-	C	1545	.20	.20		10	L
CAPF	25	1554 E	1607		S03	W23	7785		1-	2	1555	.33	.36			H
WROC	26	0905 E	0920 D	0905	S03	W38	7785	15 D	1-							
ARCE	26	0935 E	0957 D		S05	W34	7785		1-	2	0957	.90	1.10			
WROC	27	0850 E	0915 D	0850	S05	W48	7785	25 D	1-							
HALE	27	1904	1925 D	1907	S06	W52	7785		1-	2	1907	.20	.30			
MCMA	27	1905	1915 D		S06	W53	7785		1-	1 C	1908	.30	.50			S
CULG	28	0628	0632 D		N27	W38			1-	P	0632	.20	.30			CG
KAND	29	0930	0948 D		S23	W73	7790		1-	D						
KAND	29	1150 E	1200		S23	W73	7790		1-	D						
MCMA	29	1748	1759	1751	S24	W85	7790		1-	2 C	1751	.20				D
MCMA	29	1805			S24	W85	7790		1-	2 C	1819	.20				DK
HALE	29	1816 E	1829	1821	S03	W88	7785		1-	2	1821	.40				
SACP	29	1817	1826 D	1819	S04	W82	7785		1-	C		.34	1.01		18	
CLMX	29	1817	1830	1819	S03	W85	7785		1-	C	1819	.40	1.00			
MCMA	29	1817	1835		S24	W85	7790		1-	2						DK
HALE	29	1843	1906	1857	S03	W88	7785		1-	2	1857	.30				
HALE	29	1845	1850	1847	S25	W80	7790		1-	1	1847	.20				
MCMA	29	1851	1910		S24	W85	7790		1-	2 C	1855	.20				D

# SOLAR FLARES

11a

APRIL 1965

OBSERVATORY	DATE APR 1965	OBSERVED UNIVERSAL TIME			LOCATION			DURA- TION - MINUTES	IM- POR- TANCE	OBS. COND.	MEASUREMENTS					REMARKS
		START	END	MAX. PHASE	APPROX.		McMATH PLAGE REGION				TIME - U T	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %	
					LAT.	MER. DIST.										
CULG	06	0447 E	0514	0455	N07	W25			1-	P	0455	.40	.46			CGH
OTTA	06	1452	1456	1453	S10	W05			1-	C	1453	.11	.11			
SACP	06	1455 E	1501	1455	S10	W05			1-	C		.19	.19		17	
SACP	06	1520	1540	1527	N27	W59	7758		1-	C		.25	.43		17	
OTTA	06	1517	1538	1531	N27	W60	7758		1-	C	1531	.10	.17			
CULG	08	0148	0200	0151	S23	E19			1-	C	0151	.60	.66			CGL
CULG	08	0316	0336	0323	N19	W60			1-	C	0323	.60	1.41			GH
CULG	08	0448	0512	0457	S07	E56	7765		1-	C	0457	.40	.68			CGH
CATA	09	0855	0925		N70	W40		30	1		0855	.38	2.16		119	DG
CAPS	11	0829 E	0852		N03	E87	7771	23 D	2	3	0835	1.00	6.00		205	C
KANZ	11	0934 E	1100 D		N03	E90	7771		1-							
KANZ	11	1355 E	1504		N03	E90	7771	69 D	1							
SACP	11	1453	1526	1458	N05	E90	7771		1-	C		.85	.85		19	
CAPS	11	1502 E	1520 D		N03	E85	7771	18 D	1	3	1515	.80	3.20		180	C
SACP	11	2314	2328	2317	N05	E82	7771		1-	C		.21	.21		17	
MANI	12	0845 E	0850		N04	E80	7771		1-	2	0846	.10	.24			
CATA	12	1027 E	1125 D		N28	E31	7768		1-		1027	.38	.55		124	GH
SACP	12	1850 U	2010 U	1918	N32	E06	7759		1-	C		.85	.94		18	
CULG	12	2232	2302 D	2243	N06	E70	7771	30 D	1	P	2243	1.20	3.60			
CULG	13	0629	0644 D	0639	N05	E63	7771	15 D	1	P	0639	1.80	4.50			F
MANI	13	0631	0648	0636	N04	E69	7771		1-	2	0636	.20	.36			
CATA	13	0635 E	0715	0641	N04	E66	7771	40 D	1		0641	1.24	2.55		148	E
WROC	13	0725 E	0850 D		S05	E50	7771	85 D	1+							
HUAN	13	1503	1523		N06	E63	7771		1-	P	1516	.23	.47			E
CAPS	13	1504	1525 D		N04	E63	7771		1-	2	1518	.30	.70			EH
MCMA	13	1505	1534		N07	E62	7771		1-	2 P	1507	.50	1.00			DH
MANI	14	0542	0607	0550	N05	E52	7771	25	1	1	0550	2.00	2.60			
KODA	14	0544 E	0547 D		N06	E52	7771	3 D	1	P		2.60	4.30			
CATA	14	0730	0841	0745	N04	E50	7771	71	1		0745	2.78	4.47		170	E
MANI	14	0743 E	0806	0746	N05	E51	7771		1-	1	0746	.50	.65			
CATA	14	0820	0841	0823	S31	E45	7775		1-		0823	.44	.68		120	GH
WEND	15	1025 E	1038 D		N03	E29	7771		1-							
SACP	15	1556	1610	1602	N01	E29	7771		1-	C		.17	.17		17	
SACP	15	1948	2003	1954	N04	E27	7771		1-	C		.60	.62		17	
HUAN	15	1949	1956	1953	N03	E29	7771		1-	C	1953	.27	.31			E
HALE	15	2010	2045	2016	N03	E32	7771		1-	2	2016	.60	.60			F
SACP	15	2011	2047	2017	N03	E32	7771		1-	C		.34	.36		18	
HUAN	15	2012	2035	2016	N04	E33	7771		1-	C	2016	.21	.25			E
LOCK	15	2107	2147	2121	N05	E29	7771		1-	C	2121	1.20	1.20		20	
SACP	15	2109	2140	2115	N05	E30	7771	31	1	C		2.59	2.71		25	
HALE	15	2110	2216	2115	N04	E30	7771	66	1	2	2115	2.50	2.50			
HUAN	15	2111	2138	2116	N04	E31	7771		1-	C	2116	1.10	1.31			E
HALE	15	2113	2117	2114	N01	E25	7771		1-	2	2114	.10	.10			H
CULG	15	2114 E	2139	2116	N04	E31	7771	25 D	2	P	2116	4.60	5.29			FL

# SOLAR FLARES

APRIL 1965

OBSERVATORY	DATE	OBSERVED UNIVERSAL TIME			LOCATION			DURATION - MINUTES	IM-POR-TANCE	OBS. COND.	MEASUREMENTS					REMARKS
		START	END	MAX. PHASE	APPROX.		MATH. FLAGE REGION				TIME - U T	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %	
					LAT.	MER. DIST.										
LOCK	15	2214	2235	2224	N02	E29	7771		1-	C	2224	.60	.60		10	
LOCK	15	2310	2348	2325	N03	E29	7771		1-	C	2325	1.20	1.20		20	F
HALE	15	2317	2331	2323	N03	E28	7771	14	1-	1	2323	2.10	2.10			F
SACP	15	2317	E 2335	2324	N05	E29	7771		1-	C		1.38	1.43		22	
LOCK	15	2328	2348	2340	N22	E90	7781		1-	C	2340	.30	1.50		10	
SACP	15	2333	2347	2337	N23	E88	7781		1-	C		.34			17	
HALE	15	2334	2349	2344	N03	E28	7771		1-	1	2344	2.00	2.00			FH
MANI	15	2351	0039	2357	N05	E29	7771		1-	2	2357	1.50	1.50			
MANI	15			0026												
LOCK	15	2352	0021	2358	N05	E29	7771		1-	C	2358	1.30	1.30		20	
LOCK	15			0008												
HALE	15	2353	0015	2356	N04	E29	7771	22	1	1	2356	2.60	2.60			F
SACP	15	2353	0018	2355	N05	E29	7771	25	1	C		2.85	2.97		30	
CULG	15	2353	2400	D 2355	N04	E30	7771	7 D	2	P	2400	5.00	5.75			FL
HALE	16	0023	0045	D 0028	N03	E29	7771		1-	1	0028	2.00	2.00			
SACP	16	0024	0045	0029	N05	E29	7771	21	1	C		2.59	2.69		24	
CULG	16	0025	0044	0032	N04	E29	7771	19	1	C	0032	4.00	4.60			L
SACP	16	0044	0106	0049	N22	E88	7781		1-	C		.21			18	
SACP	16	0050	U 0123	U 0101	N05	E29	7771		1-	C		1.26	1.31		22	
HALE	16	0058	E 0143	0100	N05	E29	7771		1-	1	0100	1.00	1.00			F
CULG	16	0100	0120	0103	N05	E30	7771	20	1	C	0103	2.00	2.30			L
KODA	16	0408	E □		N08	E24	7771		1	P		1.90	2.20			
CULG	16	0431	0518	0450	N04	E27	7771	47	1	C	0450	2.60	2.99			L
CATA	16	0915	1122	1011	N04	E21	7771	127	2		1011	8.66	9.48		166	I
CAPS	16	0942	1105		N03	E22	7771	83	2	3	1012	6.20	6.70		208	EFJ
LOCK	16	2211	2230	2219	N18	E71	7781		1-	C	2219	.40	.90		10	
HALE	16	2212	2225	D 2219	N18	E70	7781		1-	1	2219	.20	.40			
CULG	16	2212	2233	2218	N18	E73	7781		1-	C	2218	.40	1.60			CGJ
SACP	16	2214	2300	U 2222	N18	E70	7781		1-	C		.47	.98		19	
CULG	17	0139	0152	0143	N04	E16	7771		1-	C	0143	.20	.21			L
SACP	17	1332	1339	1332	N05	E02	7771		1-	C		.21	.21		18	
SACP	17	1423	1456	1430	N04	E01	7771		1-	C		.21	.21		19	
KANZ	17	1430	E 1450	D	N02	E05	7771		1-							
HALE	17	2132	2215	2135	N22	E59	7781		1-	1	2135	.20	.30			
LOCK	18	1905	2030	1941	N20	E49	7781	85	1	C	1941	1.80	2.70		20	
SACP	18	1910	1945	1926	N20	E49	7781		1-	C		1.46	1.96		20	
MCMA	18	1912	1940	1925	N22	E50	7781		1-	2 C	1925	.90	1.60			EJ
CULG	18	2353	2400	2357	N55	W28	7771		1-	C	2357	.20	.45			G
CULG	19	0340	0405	0350	N22	E43	7781		1-	C	0350	.80	1.24			G
HALE	19	1903	1958	1912	N04	W27	7771		1-	2	1912	.60	.60			L
LOCK	19	1905	1940	1915	N05	W24	7771		1-	C	1915	.80	.80		10	
MCMA	19	1909	1921	1913	N03	W23	7771		1-	1 C	1913	.30	.40			D
MANI	20	0233	0305	0242	N05	W28	7771		1-	2	0242	.17	.17			
LOCK	21	0031	0052	0039	N20	E17	7781		1-	C	0039	.30	.30		20	L
SACP	21	0049	0117	U 0059	N19	E17	7781		1-	C		1.34	.36		17	

# SOLAR FLARES

APRIL 1965

OBSERVATORY	DATE	OBSERVED UNIVERSAL TIME			LOCATION			DURATION - MINUTES	IM- POR- TANCE	OBS. COND.	MEASUREMENTS					REMARKS
		START	END	MAX. PHASE	APPROX.		M-MATH PLAGE REGION				TIME - U T	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %	
					LAT.	MER. DIST.										
	APR 1965															
CULG	21	0120	0145	0131	N02	E18			1-	C	0131	.40	.42			CGL
HALE	21	0126	0200	0131	N02	E18			1-	1	0131	.20	.20			
HALE	21	0134	0200	0141	N19	E18	7781		1-	1	0141	.30	.30			
HALE	21	0134	0233	0148	N18	E17	7781		1-	1	0148	.50	.50			
LOCK	21	0135	0153 D	0149	N20	E17	7781		1-	C	0149	.50	.50		20	L
HALE	21	0319	0415	0329	N21	E18	7781		1-	2	0329	1.00	1.00			F
CULG	21	0428	0453	0435	N18	E16	7781		1-	C	0435	.20	.22			GL
CATA	21	0635 E	0730	0640	N18	E14	7781		1-		0640	.94	1.06		132	EH
SACP	21	1336	1402	1344	N22	W40	7779		1-	C		.25	.31		19	
OTTA	21	1343 E	1349 D		N21	W40	7779		1-	P	1345	.8	.9			
CULG	22	0353	0403	0356	N17	W02	7781		1-	C	0356	.20	.21			H
CATA	23	0725	0800	0748	N23	W65	7779		1-		0748	.16	.39		129	G
CULG	23	2202	2215	2204	N30	W48			1-	C	2204	.20	.36			CH
OTTA	25	1456	1544 D		S05	W23	7785		1-	P	1533				208	DGH
CAPS	25	1532	1558		S05	W22	7785	26	1-	3	1545	.60	.70		10	L
LOCK	25	1545 E	1600	1545 U	S06	W22	7785		1-	C	1545	.20	.20			
WROC	26	0905 E	0920 D	0905	S03	W38	7785	15 D	1							
ARCE	26	0935 E	0957 D		S05	W34	7785		1-	2	0957	.90	1.10			
WROC	27	0850 E	0915 D	0850	S05	W48	7785	25 D	1							
HALE	27	1904	1925 D	1907	S06	W52	7785		1-	2	1907	.20	.30			S
MCMA	27	1905	1915 D		S06	W53	7785		1-	1 C	1908	.30	.50			
CULG	28	0628	0632 D		N27	W38			1-	P	0632	.20	.30			CG
KAND	29	0930	0948 D		S23	W73	7790		1-	D						
KAND	29	1150 E	1200		S23	W73	7790		1-	D						
MCMA	29	1748	1759	1751	S24	W85	7790		1-	2 C	1751	.20				D
HALE	29	1816 E	1829	1821	S03	W88	7785		1-	2	1821	.40				
SACP	29	1817	1826 D	1819	S04	W82	7785		1-	C				1.01	18	
MCMA	29	1805			S24	W85	7790		1-	2 C	1819	.20				DK
MCMA	29	1817	1835		S24	W85	7790		1-	2						DK
HALE	29	1843	1906	1857	S03	W88	7785		1-	2	1857	.30				
HALE	29	1845	1850	1847	S25	W80	7790		1-	1	1847	.20				D
MCMA	29	1851	1910		S24	W85	7790		1-	2 C	1855	.20				