

Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	NOAA/			Dur (Min)	Imp			Obs See Type	Area Measurement			Remarks
						CMD	Region	Mo Day		Opt	Xray	Time (UT)		Apparent (10-6 Disk)	Corr (Sq Deg)		
		01 1500		1525	No Flare	Patrol											
		02 0011		0158	No Flare	Patrol											
		02 1608		1623	No Flare	Patrol											
		02 1648		1656	No Flare	Patrol											
		02 2037		2223	No Flare	Patrol											
		03 1508		2241	No Flare	Patrol											
		04 1457		1636	No Flare	Patrol											
		04 2238		2241	No Flare	Patrol											
		05 0905		0945	No Flare	Patrol											
		05 0948		0951	No Flare	Patrol											
		05 0956		1004	No Flare	Patrol											
		05 1006		1007	No Flare	Patrol											
		05 1009		1013	No Flare	Patrol											
		05 1019		1427	No Flare	Patrol											
		05 1544		1552	No Flare	Patrol											
		05 2136		2210	No Flare	Patrol											
		05 2222		2238	No Flare	Patrol											
		05 2310		2312	No Flare	Patrol											
		06 1153		1359	No Flare	Patrol											
		06 1408		1430	No Flare	Patrol											
		06 1511		1713	No Flare	Patrol											
0001	HOLL	06 1534	1536	1600	N21 E17	11045 02	7.9	26	SF		3	E			19		
0002	HOLL	06 1619	1626	1637	N22 E18	11045 02	8.1	18	SF		3	E			10		
		06 1721		1811	No Flare	Patrol											
0003	HOLL	06 1852	1903	1933	N21 E17	11045 02	8.1	41	SN		3	E			54		EF
		06 2043		2113	No Flare	Patrol											
0004	HOLL	06 2229	2229	2236	N22 E12	11045 02	7.8	7	SF		3	E			12		
0005	HOLL	06 2249	2259	2323D	N22 E15	11045 02	8.1	34D	SF		2	E			40		
		06 2323		2326	No Flare	Patrol											
		06 2356		2400	No Flare	Patrol											
		07 0000		0033	No Flare	Patrol											
0006	LEAR	07 0159	0204	0212	N20 E09	11045 02	7.8	13	S								

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Sta	Day	Start	Max	End	Lat	NOAA/ USAF		CMP	Dur	Imp		Obs	Time	Area Measurement		Remarks
		(UT)	(UT)	(UT)		CMD	Region			Opt	Xray	See		Apparent	Corr	
								Mo	Day	(Min)			(UT)	(10-6 Disk)	(Sq Deg)	
0015	LEAR	08	0129	0131	0136	N21	E01	11045	02	8.1	7	SF	3	E	24	
0016	LEAR	08	0236	0237	0245	N22	W01	11045	02	8.0	9	SF	3	E	14	
0017	LEAR	08	0248	0249	0251	N22	E00	11045	02	8.1	3	SF	3	E	13	
0018	LEAR	08	0315	0317	0336	N23	E00	11045	02	8.1	21	SF	3	E	20	F
0019	LEAR	08	0338	0343	0345	N22	E01	11045	02	8.2	7	SF	3	E	16	
0020	LEAR	08	0355	0356	0402	N25	E00	11045	02	8.2	7	SF	3	E	44	F
0021	LEAR	08	0411	0414	0444	N21	W01	11045	02	8.1	33	SF	3	E	54	
0022	LEAR	08	0516	0516	0556	N21	W01	11045	02	8.1	40	1F	3	E	112	
0023	LEAR	08	0557	0607	0625	N21	W01	11045	02	8.2	28	SF	3	E	87	
0024	LEAR	08	0627	0635	0644	N21	W02	11045	02	8.1	17	SF	3	E	45	
0025	LEAR	08	0700	0701	0708	N21	W03	11045	02	8.1	8	SF	3	E	31	
0026	KANZ	08	0955	0957	0958	N21	W06	11045	02	7.9	3	SF	2	E		
0027	KANZ	08	1343	1346	1353	N21	W06	11045	02	8.1	10	1F	2	E		
		08	1457		1500	No Flare Patrol										
0028	HOLL	08	1501	1507	1533	N22	W08	11045	02	8.0	32	SF	3	E	27	FH
0029	HOLL	08	1535	1550	1609	N22	W08	11045	02	8.0	34	SF	3	E	25	FH
0030	HOLL	08	1655	1705	1709	N22	W09	11045	02	8.0	14	SF	3	E	21	FH
0031	HOLL	08	1726	1726	1736	N23	W08	11045	02	8.1	10	SF	3	E	13	FH
0032	HOLL	08	1806	1809	1825	N21	W09	11045	02	8.1	19	SF	3	E	50	FH
0033	HOLL	08	1831	1840	1850	N22	W09	11045	02	8.1	19	SF	3	E	18	FH
0034	HOLL	08	1906	1910	1919	N22	W10	11045	02	8.0	13	SF	3	E	35	FH
0035	HOLL	08	2121	2122	2140	N23	W12	11045	02	8.0	19	SN	3	E	70	FH
0036	HOLL	08	2155	2158	2205	N22	W11	11045	02	8.1	10	SF	3	E	18	F
		09	0049		0102	No Flare Patrol										
0037	LEAR	09	0119	0123	0144	N22	W13	11045	02	8.0	25	SF	3	E	52	
		09	0131		0138	No Flare Patrol										
0038	LEAR	09	0412	0417	0430	N21	W17	11045	02	7.9	18	SF	3	E	66	F
0039	LEAR	09	0816	0817	0820	N21	W20	11045	02	7.8	4	SF	3	E	10	
0040	LEAR	09	0847	0847	0856	N22	W18	11045	02	8.0	9	SF	3	E	17	F
		09	1056		1105	No Flare Patrol										
0041	KANZ	09	1128	1130	1135	N21	W20	11045	02	7.9	7	SF	2	E		
		09	1320		1327	No Flare Patrol										
		09	1331		1525	No Flare Patrol										
		09	1533		1542	No Flare Patrol										
		09	2021		2046	No Flare Patrol										
		09	2106		2224	No Flare Patrol										
0042	LEAR	10	0613	0614	0618	N20	W28	11045	02	8.1	5	SF	3	E	15	

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						Region	Mo	Day	Opt		Xray	Apparent (10-6 Disk)			Corr (Sq Deg)		
0043	LEAR	10	0710	0712	0715	N20 W29	11045	02	8.1	5	SF		3	E		24	
		10	1056		1313	No Flare	Patrol										
		10	1425		1501	No Flare	Patrol										
0044		10	15056	15125	1524	N22 W32	11045	02	8.2	19	SF					41	F
	HOLL	10	1505	1517	1528	N22 W33	11045	02	8.1	23	SF	3	E			62	
	SVTO	10	1511	1512	1521	N21 W32	11045	02	8.2	10	SF	3	E			20	F
		10	1932		1936	No Flare	Patrol										
		10	2037		2228	No Flare	Patrol										
0045	LEAR	11	0150	0151	0155	N21 W39	11045	02	8.1	5	SF		3	E		20	F
		11	1055		1122	No Flare	Patrol										
		11	1211		1222	No Flare	Patrol										
		11	1255		1302	No Flare	Patrol										
		11	1320		1429	No Flare	Patrol										
0046	HOLL	11	1511	1512	1519	N23 E19	11046	02	13.1	8	SF		3	E		21	
0047	HOLL	11	1930	1939	1951	N23 E17	11046	02	13.1	21	SF		3	E		18	F
0048		12	0722	0724	0737	N24 E13	11046	02	13.3	15	1N					90	F
	LEAR	12	0722	0724	0737	N24 E13	11046	02	13.3	15	1N	3	E			121	
	SVTO	12	0723E	0724U	0734D	N25 E13	11046	02	13.3	11D	SF	3	E			60	F
0049	LEAR	12	0941	0941	0949	N22 E07	11046	02	12.9	8	SF		3	E		39	
		12	1053		1138	No Flare	Patrol										
0050	SVTO	12	1127E	1127U	1140D	N26 E11	11046	02	13.3	13D	1N		2	E		119	H
		12	1142		1147	No Flare	Patrol										
		12	1202		1407	No Flare	Patrol										
0051	HOLL	12	1759	1807	1841	N28 W53	11045	02	8.6	42	2F		3	E		269	FH
0052	HOLL	12	2049	2052	2059	N22 E01	11046	02	12.9	10	SF		3	E		27	FH
0053	HOLL	12	2237	2243	2254	N25 W56	11045	02	8.6	17	SF		3	E		54	F
0054	LEAR	12	2355		0031	N23 W60	11045	02	8.4	36	SF		3	E		27	
0055	LEAR	13	0143	0143	0147	N25 E02	11046	02	13.2	4	SF		3	E		22	E
		13	1613		1627	No Flare	Patrol										
0056	HOLL	13	2001	2003	2009	N25 W13	11046	02	12.8	8	SF		3	E		28	F
0057		13	23282	23311	2336	N24 W05	11046	02	13.6	8	SF					11	
	HOLL	13	2328	2332	2336	N25 W04	11046	02	13.7	8	SF	3	E			10	
	LEAR	13	2330	2331	2335												

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							Region	CMP Mo Day		Opt	Xray			Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
		18	2234		2236	No	Flare	Patrol									
		19	1049		1214	No	Flare	Patrol									
		19	1225		1401	No	Flare	Patrol									
		19	1915		1940	No	Flare	Patrol									
		19	1951		1958	No	Flare	Patrol									
		19	2120		2135	No	Flare	Patrol									
		19	2209		2229	No	Flare	Patrol									
		19	2237		2309	No	Flare	Patrol									
		19	2313		2330	No	Flare	Patrol									
		20	1055		1136	No	Flare	Patrol									
		20	1256		1329	No	Flare	Patrol									
		20	1356		1401	No	Flare	Patrol									
		20	2023		2040	No	Flare	Patrol									
		20	2050		2057	No	Flare	Patrol									
		20	2105		2115	No	Flare	Patrol									
		20	2130		2135	No	Flare	Patrol									
		20	2211		2226	No	Flare	Patrol									
		20	2251		2322	No	Flare	Patrol									
		21	1707		1957	No	Flare	Patrol									
		21	2028		2059	No	Flare	Patrol									
		21	2110		2142	No	Flare	Patrol									
		21	2310		2400	No	Flare	Patrol									
		22	0000		0228	No	Flare	Patrol									
		22	1133		1134	No	Flare	Patrol									
		22	1136		1138	No	Flare	Patrol									
		22	1141		1144	No	Flare	Patrol									
		22	1149		1155	No	Flare	Patrol									
		22	1203		1205	No	Flare	Patrol									
		22	1208		1210	No	Flare	Patrol									
		22	1212		1220	No	Flare	Patrol									
		22	1427		1428	No	Flare	Patrol									
		22	1432		1501	No	Flare	Patrol									
		22	1508		1510	No	Flare	Patrol									
		22	1515		2129	No	Flare	Patrol									
		22	2143		2233	No	Flare	Patrol									
		23	1156		1437	No	Flare	Patrol									
		23	1507		1511	No	Flare	Patrol									
		24	1046		1112	No	Flare	Patrol									
		24	1327		1340	No	Flare	Patrol									
		24	1342		1343	No	Flare	Patrol									
		24	1359		1408	No	Flare	Patrol									
		24	1521		1536	No	Flare	Patrol									
		24	1546		1651	No	Flare	Patrol									
		24	1800		2241	No	Flare	Patrol									
		25	0555		0606	No	Flare	Patrol									
		25	1434		1457	No	Flare	Patrol									
		25	1539		1556	No	Flare	Patrol									
		25	1847		1906	No	Flare	Patrol									
		25	1934		2014	No	Flare	Patrol									
		25	2211		2243	No	Flare	Patrol									
		26	1044		1053	No	Flare	Patrol									
		26	1318		1415	No	Flare	Patrol									
		27	1644		1741	No	Flare	Patrol									
		27	1918		2243	No	Flare	Patrol									
		28	1043		1113	No	Flare	Patrol									
		28	1117		1201	No	Flare	Patrol									
		28	1215		2230	No	Flare	Patrol									

"Remarks"

A = Eruptive prominence whose base is less than 90 degrees from central meridian.
 B = Probably the end of a more important flare.
 C = Invisible 10 minutes before.
 D = Brilliant point.
 E = Two or more brilliant points.
 F = Several eruptive centers.
 G = No visible spots in the neighborhood.
 H = Flare accompanied by high-speed dark filament.
 I = Active region very extended.
 J = Distinct variations of plage intensity before

O = Observations have been made in the H and K lines of Ca II.
 P = Flare shows Helium D3 in emission.
 Q = Flare shows Balmer continuum in emission.
 R = Marked asymmetry in H-alpha line suggests ejection of high-velocity material.
 S = Brightness follows disappearance of filament in same position.
 T = Region active all day.
 U = Two bright branches, parallel or converging.
 V = Occurrence of an explosive phase; important,

or after the flare.

K = Several intensity maxima.

L = Existing filaments show signs of sudden activity.

M = White-light flare.

N = Continuous spectrum shows effects of polarization.

expansion within roughly 1 minute that often includes a significant intensity increase.

W = Great increase in area after time of maximum intensity.

X = Unusually wide H-alpha line.

Y = System of loop-type prominences.

Z = Major sunspot umbra covered by flare.

Observation Type: C=Cinematographic, E=Electronic, P=Photographic, V=Visual