H - ALPHA S O L A R F L A R E S

APRIL 1986

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Imp See	Obs Type	Time (UT)	Area Measurement Apparent (10^{-6} Disk)	Area Measurement Corr (Sq Deg)	Remarks
		01	2135		2143	No Flare Patrol													
		02	1421		1434	No Flare Patrol													
		02	1455		1645	No Flare Patrol													
		02	1713		1720	No Flare Patrol													
		05	0801		0809	No Flare Patrol													
		05	0831		0839	No Flare Patrol													
		05	1146		1218	No Flare Patrol													
		05	1220		1226	No Flare Patrol													
		05	1235		1242	No Flare Patrol													
		05	1257		1313	No Flare Patrol													
		05	1812		1818	No Flare Patrol													
		05	1855		1905	No Flare Patrol													
		05	1909		1955	No Flare Patrol													
		05	2000		2036	No Flare Patrol													
		05	2041		2126	No Flare Patrol													
		05	2300		2355	No Flare Patrol													
		06	1452		1456	No Flare Patrol													
		06	1857		1906	No Flare Patrol													
		07	1616		1650	No Flare Patrol													
		07	1900		1906	No Flare Patrol													
		07	1938		1942	No Flare Patrol													
		07	2030		2032	No Flare Patrol													
		07	2038		2040	No Flare Patrol													
		07	2204		2337	No Flare Patrol													
		07	2348		2355	No Flare Patrol													
		08	1556		1624	No Flare Patrol													
		08	1804		1845	No Flare Patrol													
		08	1908		2006	No Flare Patrol													
		08	2025		2138	No Flare Patrol													
		09	2035		2045	No Flare Patrol													
		09	2104		2109	No Flare Patrol													
		09	2114		2118	No Flare Patrol													
		09	2125		2134	No Flare Patrol													
		09	2209		2237	No Flare Patrol													
		10	1724		1747	No Flare Patrol													
		10	1901		1905	No Flare Patrol													
		10	2117		2146	No Flare Patrol													
0001	ABST	11	0641	0644	0658	S13	E45	4723	04	14.7	17	SF			C	0644	131	1.6	E
		11	1708		1712	No Flare Patrol													
		11	1934		1944	No Flare Patrol													
		11	1951		2017	No Flare Patrol													
		11	2022		2108	No Flare Patrol													
		11	2124		2134	No Flare Patrol													
		11	2138		2145	No Flare Patrol													
0002	ABST	12	0550E	0552U	0622D	S13	E32	4723	04	14.6	32D	SF			P	0552	131	1.5	E
		12	1859		1903	No Flare Patrol													
		12	1925		1929	No Flare Patrol													
		13	2215		2234	No Flare Patrol													
		13	2238		2255	No Flare Patrol													
		13	2257		2310	No Flare Patrol													
0003	KANZ	14	1040	1044	1048	S12	W01	4723	04	14.4	8	SF		2					D
		14	2227		2303	No Flare Patrol													
		14	2313		2314	No Flare Patrol													
		16	0921		0954	No Flare Patrol													
		16	1151		1154	No Flare Patrol													
		16	1159		1217	No Flare Patrol													
		16	1935		1944	No Flare Patrol													
		16	2016		2041	No Flare Patrol													
		16	2206		2210	No Flare Patrol													
		17	1726		1846	No Flare Patrol													
		17	1905		2132	No Flare Patrol													
		19	0033		0038	No Flare Patrol													

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APRIL 1986

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Imp See	Obs Type	Time (UT)	Area Measurement Apparent (10^{-6} Disk)	Area Measurement Corr (Sq Deg)	Remarks
		19	0914		0915	No Flare Patrol													
		21	1141		1142	No Flare Patrol													
		21	1152		1157	No Flare Patrol													
		21	1201		1225	No Flare Patrol													
		21	1238		1246	No Flare Patrol													
0004		21	15111	1513	1536	S00	W10	4725A	04	20.9	25	SN					54		F
	RAMY	21	1511	1513	1542	S01	W11	4725A	04	20.8	31	SN		3	C		76		F
	HOLL	21	1512	1513	1529	N00	W10	4725A	04	20.9	17	SF		3	C		32		F
		22	2254		2259	No Flare Patrol													
0005		23	00044	00151	0018	N03	E22	4726	04	24.6	14	SF					31		F
	HOLL	23	0004	0015	0019	N02	E22	4726	04	24.6	15	SF		4	C		25		F
	PALE	23	0008	0016	0018	N04	E22	4726	04	24.6	10	SF		3	C		37		F
0006		23	0151	0153	0150	N03	E21	4726	04	24.6	1439	SN					59	1.1	F
	YUNN	23	0139E		0142	N04	E21	4726	04	24.6	3D	SN			P	0139	96	1.1	
	PALE	23	0151	0153	0157	N02	E21	4726	04	24.6	6	SF		3	C		22		F
0007	PALE	23	0357E	0358U	0406D	N03	E21	4726	04	24.7	9D	SF		1	C		20		F
0008	LEAR	23	0510	0515	0522D	N05	E17	4726	04	24.5	12D	SN		3	C		45		F
0009	RAMY	23	1248	1248	1255	N03	E15	4726	04	24.6	7	SF		3	C		24		F
0010		23	14012	14043	1416	N02	E12	4726	04	24.5	15	SN					90		EF
	HOLL	23	1401	1407	1417	N02	E13	4726	04	24.5	16	SF		3	C		89		F
	RAMY	23	1403	1404	1414	N02	E12	4726	04	24.5	11	SB		3	C		91		FE
0011		23	15213	1525	1540	N02	E12	4726	04	24.5	19	SN					41		F
	RAMY	23	1521	1525	1534	N02	E12	4726	04	24.5	13	SN		3	C		51		
	HOLL	23	1524	1525	1547	N02	E12	4726	04	24.5	23	SF		3	C		31		F
0012		23	1711	17111	1720	N02	E12	4726	04	24.6	9	SF					41		F
	RAMY	23	1711	1711	1720	N02	E12	4726	04	24.6	9	SN		3	C		53		
	HOLL	23	1711	1712	1717	N02	E11	4726	04	24.5	6	SF		3	C		31		F
	PALE	23	1711	1712	1722	N02	E13	4726	04	24.7	11	SF		3	C		40		F
0013	PALE	23	2030	2031	2039	N03	E10	4726	04	24.6	9	SN		3	C		21		
0014	HOLL	23	2043	2044	2055	N02	E10	4726	04	24.6	12	SF		3	C		25		F
0015	HOLL	23	2228	2231	2249	N03	E13	4726	04	24.9	21	SF		3	C		35		F
0016		23	2302*	2305*	2344	N03	E08	4726	04	24.5	42	SF					40		FK
	HOLL	23	2302	2305	2310D	N03	E11	4726	04	24.8	8D	SF		3	C		44		F
	PALE	23	2303	2308	2345	N03	E08	4726	04	24.5	42	SF		3	C		59		K
	PALE	23	2303	2338	2345	N03	E08	4726	04	24.5	42	SN		3	C		42		F K
	LEAR	23	2336	2341	2342	N04	E09	4726	04	24.6	6	SF		1	C		35		
	PALE	23	2352	2353		N02	E07	4726	04	24.5		SN		3	C		21		
		24	1952		2158	No Flare Patrol													
		24	2213		2239	No Flare Patrol													
		25	2003		2012	No Flare Patrol													
		25	2016		2036	No Flare Patrol													
		25	2133		2143	No Flare Patrol													
		27	1101		1134	No Flare Patrol													
		30	1342		1404	No Flare Patrol													

"Remarks":

A = Eruptive prominence whose base is less than 90° 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 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.
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, 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.