Hα SOLAR FLARES

JULY 2006

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
		01	2137		2142	No Flare Patrol													
		02	2313		2317	No Flare Patrol													
		03	2140		2219	No Flare Patrol													
		04	1409		1416	No Flare Patrol													
		04	1420		1432	No Flare Patrol													
		04	1503		1516	No Flare Patrol													
		04	1730		1829	No Flare Patrol													
		04	1845		1857	No Flare Patrol													
		04	1927		1935	No Flare Patrol													
		04	2036		2323	No Flare Patrol													
		05	1902		1907	No Flare Patrol													
		05	2148		2152	No Flare Patrol													
		05	2157		2317	No Flare Patrol													
0001		06	08163	0823*	0942	S11	W32	10898	07	3.9	86	2N					399		FHS
	KANZ	06	0816	0842	1024	S10	W30	10898	07	4.1	128	2N		2	E				
	LEAR	06	0818	0823	0925	S11	W34	10898	07	3.8	67	2N		3	E		243		FS
	SVTO	06	0819	0823	0918	S11	W32	10898	07	3.9	59	2F		3	E		555		FH
		06	1715		1733	No Flare Patrol													
		06	1835		1841	No Flare Patrol													
		06	1917		2318	No Flare Patrol													
		07	1108		1109	No Flare Patrol													
		07	1112		1126	No Flare Patrol													
		07	1220		1415	No Flare Patrol													
		07	1614		1625	No Flare Patrol													
		07	1701		1904	No Flare Patrol													
		07	2000		2319	No Flare Patrol													
		08	0953		1014	No Flare Patrol													
		08	1022		1023	No Flare Patrol													
		08	1108		1112	No Flare Patrol													
		08	1234		1241	No Flare Patrol													
		08	1244		1256	No Flare Patrol													
		08	1301		1303	No Flare Patrol													
		08	1305		1308	No Flare Patrol													
		08	1318		1319	No Flare Patrol													
		08	1335		1600	No Flare Patrol													
		08	1611		1617	No Flare Patrol													
		08	1706		2322	No Flare Patrol													
		09	0945		0948	No Flare Patrol													
		09	0951		0952	No Flare Patrol													
		09	2156		2201	No Flare Patrol													
		09	2224		2244	No Flare Patrol													
		13	2209		2257	No Flare Patrol													
		14	1944		2152	No Flare Patrol													
		14	2244		2309	No Flare Patrol													
		15	1850		2043	No Flare Patrol													
		15	2049		2106	No Flare Patrol													
		15	2111		2115	No Flare Patrol													
		15	2124		2144	No Flare Patrol													
		15	2149		2204	No Flare Patrol													
		15	2209		2226	No Flare Patrol													
		15	2257		2308	No Flare Patrol													
		15	2319		2320	No Flare Patrol													
		16	2207		2211	No Flare Patrol													
		17	2237		2317	No Flare Patrol													
		18	1859		1903	No Flare Patrol													
		18	1918		1923	No Flare Patrol													
		18	1959		2012	No Flare Patrol													
		18	2021		2154	No Flare Patrol													
		18	2254		2312	No Flare Patrol													
		19	1947		1953	No Flare Patrol													
		19	2032		2059	No Flare Patrol													
		19	2213		2248	No Flare Patrol													
		19	2259		2312	No Flare Patrol													
		20	0050		0405	No Flare Patrol													
		20	2033		2129	No Flare Patrol													
		20	2217		2228	No Flare Patrol													
		21	2234		2315	No Flare Patrol													
		22	1813		1858	No Flare Patrol													

JULY 2006

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
		22	1906		1923	No Flare Patrol													
		22	1955		2313	No Flare Patrol													
		23	1731		1732	No Flare Patrol													
		23	1736		1744	No Flare Patrol													
		23	1802		1810	No Flare Patrol													
		23	1930		2313	No Flare Patrol													
		24	0207		0254	No Flare Patrol													
		24	1905		2046	No Flare Patrol													
		24	2150		2400	No Flare Patrol													
		25	0114		0132	No Flare Patrol													
		25	0159		0412	No Flare Patrol													
		25	2210		2230	No Flare Patrol													
		26	1324		1327	No Flare Patrol													
		26	1732		1746	No Flare Patrol													
		26	1757		1821	No Flare Patrol													
		26	1835		1925	No Flare Patrol													
		26	1944		2012	No Flare Patrol													
		26	2054		2210	No Flare Patrol													
		27	1135		1214	No Flare Patrol													
		27	1308		1354	No Flare Patrol													
		27	1716		1846	No Flare Patrol													
		27	1922		1929	No Flare Patrol													
		27	2032		2147	No Flare Patrol													
		27	2305		2317	No Flare Patrol													
		27	2355		2400	No Flare Patrol													
		28	0718		0719	No Flare Patrol													
		28	1733		1925	No Flare Patrol													
		28	2008		2019	No Flare Patrol													
		28	2110		2315	No Flare Patrol													
		29	1510		1849	No Flare Patrol													
		29	1908		1925	No Flare Patrol													
		29	1946		1958	No Flare Patrol													
		29	2003		2315	No Flare Patrol													
		29	2325		2354	No Flare Patrol													
		30	1003		1029	No Flare Patrol													
		30	1042		1053	No Flare Patrol													
		30	1055		1106	No Flare Patrol													
		30	1116		1448	No Flare Patrol													
		30	1520		1657	No Flare Patrol													
		30	1701		1759	No Flare Patrol													
		30	1810		1858	No Flare Patrol													
		30	1942		1951	No Flare Patrol													
		30	2016		2308	No Flare Patrol													
		31	0023		0127	No Flare Patrol													
		31	0134		0154	No Flare Patrol													
		31	0201		0333	No Flare Patrol													
		31	0338		0419	No Flare Patrol													
		31	1715		1724	No Flare Patrol													
		31	1741		2215	No Flare Patrol													
		31	2225		2247	No Flare Patrol													
		31	2255		2400	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 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.