Hα SOLAR FLARES

MARCH 2007

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Obs See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
		01	1103		1118	No Flare Patrol													
		01	1130		1149	No Flare Patrol													
		01	1248		1310	No Flare Patrol													
		01	1339		1425	No Flare Patrol													
		01	1617		1801	No Flare Patrol													
		02	1258		1321	No Flare Patrol													
		02	1404		1414	No Flare Patrol													
		02	1507		1549	No Flare Patrol													
		02	2223		2231	No Flare Patrol													
		03	1150		1156	No Flare Patrol													
		03	1357		1416	No Flare Patrol													
		05	0126		0252	No Flare Patrol													
		05	0406		0426	No Flare Patrol													
		05	1601		1612	No Flare Patrol													
		05	1709		1725	No Flare Patrol													
		05	1849		1856	No Flare Patrol													
		05	1909		1921	No Flare Patrol													
		05	1944		1949	No Flare Patrol													
		05	1958		2048	No Flare Patrol													
		05	2141		2248	No Flare Patrol													
		05	2331		2332	No Flare Patrol													
		06	1620		1703	No Flare Patrol													
		06	2137		2224	No Flare Patrol													
		07	0855		0903	No Flare Patrol													
		07	1055		1835	No Flare Patrol													
		07	1847		1911	No Flare Patrol													
		07	2000		2257	No Flare Patrol													
		07	2351		2400	No Flare Patrol													
		08	0000		0052	No Flare Patrol													
		08	0448		0507	No Flare Patrol													
		08	0519		0546	No Flare Patrol													
		08	0607		2127	No Flare Patrol													
		09	0333		0349	No Flare Patrol													
		09	0354		0601	No Flare Patrol													
		09	0703		0712	No Flare Patrol													
		09	1257		1340	No Flare Patrol													
		10	1036		1348	No Flare Patrol													
		10	1857		1910	No Flare Patrol													
		10	2008		2024	No Flare Patrol													
		10	2100		2400	No Flare Patrol													
		11	0000		0010	No Flare Patrol													
		11	0021		1200	No Flare Patrol													
		11	1219		1342	No Flare Patrol													
		11	1910		1925	No Flare Patrol													
		11	1933		1957	No Flare Patrol													
		11	2033		2117	No Flare Patrol													
		11	2357		2400	No Flare Patrol													
		12	1441		1549	No Flare Patrol													
		12	1609		2309	No Flare Patrol													
		13	0146		0229	No Flare Patrol													
		14	1257		1322	No Flare Patrol													
		14	1621		1706	No Flare Patrol													
		16	0017		0019	No Flare Patrol													
		16	0030		0039	No Flare Patrol													
		18	1438		1640	No Flare Patrol													
		18	1745		1838	No Flare Patrol													
		18	1849		1858	No Flare Patrol													
		19	0345		0447	No Flare Patrol													
		19	1626		1650	No Flare Patrol													
		19	1700		1709	No Flare Patrol													
		19	1717		1723	No Flare Patrol													
		19	1806		1819	No Flare Patrol													
		19	1831		2017	No Flare Patrol													
		20	1026		1326	No Flare Patrol													
		20	1854		1903	No Flare Patrol													
		20	1915		1958	No Flare Patrol													
		21	1106		1140	No Flare Patrol													
		21	1201		1209	No Flare Patrol													
		21	1224		1302	No Flare Patrol													
		21	1653		2256	No Flare Patrol													

Hα SOLAR FLARES

MARCH 2007

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP	Mo	Day	Dur (Min)	Imp Opt	Imp Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
		22	1147		1154	No Flare Patrol														
		22	1204		1223	No Flare Patrol														
		22	1234		1255	No Flare Patrol														
		22	1302		1307	No Flare Patrol														
		22	1318		1357	No Flare Patrol														
		22	1413		1928	No Flare Patrol														
		22	2031		2048	No Flare Patrol														
		22	2230		2236	No Flare Patrol														
		23	0533		0543	No Flare Patrol														
		23	1457		1459	No Flare Patrol														
		23	1529		1837	No Flare Patrol														
		23	1911		2046	No Flare Patrol														
		23	2118		2200	No Flare Patrol														
		23	2228		2230	No Flare Patrol														
		23	2244		2303	No Flare Patrol														
		24	0928		1157	No Flare Patrol														
		24	1311		1324	No Flare Patrol														
		24	1944		2144	No Flare Patrol														
		25	1021		1344	No Flare Patrol														
		25	1416		1457	No Flare Patrol														
		25	1615		1632	No Flare Patrol														
		25	1713		1744	No Flare Patrol														
		25	1830		1845	No Flare Patrol														
		25	2215		2220	No Flare Patrol														
		25	2225		2321	No Flare Patrol														
		26	0114		0248	No Flare Patrol														
		26	0318		0543	No Flare Patrol														
		26	0555		0713	No Flare Patrol														
		26	0938		1025	No Flare Patrol														
		26	1039		1150	No Flare Patrol														
		26	1240		1332	No Flare Patrol														
		27	0018		0042	No Flare Patrol														
		27	0108		0412	No Flare Patrol														
		27	0554		0605	No Flare Patrol														
		27	1019		1410	No Flare Patrol														
		27	2230		2241	No Flare Patrol														
		28	1057		1128	No Flare Patrol														
		28	1213		1228	No Flare Patrol														
		28	1313		1315	No Flare Patrol														
		29	1017		1313	No Flare Patrol														
		29	1431		1628	No Flare Patrol														
		30	0730		0735	No Flare Patrol														
		30	0745		0821	No Flare Patrol														
		30	1016		1406	No Flare Patrol														
		30	1653		1745	No Flare Patrol														
		30	1753		2100	No Flare Patrol														
0001	LEAR	31	0137	0144	0153	N06	E33	10949	04	2.5	16	SF		3	E			20		EF
		31	1015		1337	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.