

7
Aug 86

7

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	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0001		01	1356	1356	1412	N08 E23	4741	08	3.3		16	SN					34	.5	E
	HTPR	01	1057E		1420	N08 E28	4741	08	3.5		203D	SN			C	1233	40	.5	E
	HOLL	01	1356	1356	1404	N09 E18	4741	08	2.9		8	SF		3	C		28		
0002		01	1700*	1714*	1740	N10 E16	4741	08	2.9		40	SF					52		F
	RAMY	01	1700	1714	1759D	N10 E17	4741	08	3.0		59D	SF		3	C		84		F
	HOLL	01	1715	1716	1730	N10 E16	4741	08	2.9		15	SF		3	C		63		F
	PALE	01	1737	1739	1741	N09 E15	4741	08	2.8		4	SF		3	C		23		F
	HOLL	01	1737	1739	1748	N09 E15	4741	08	2.8		11	SF		3	C		37		F
0003		03	1305	1307	1314	N07 W12	4741	08	2.6		9	SN					40		F
	HOLL	03	1305	1307	1315	N07 W11	4741	08	2.7		10	SN		3	C		40		F
	KANZ	03	1311E	1311U	1314	N07 W12	4741	08	2.6		3D	SN		2					
0004		03	2131	2137	2152	N07 W15	4741	08	2.8		21	SF					72		F
	HOLL	03	2131	2137	2158	N08 W15	4741	08	2.8		27	SN		4	C		98		F
	RAMY	03	2135E	2137	2155D	N07 W16	4741	08	2.7		20D	SF		3	C		92		
	PALE	03	2142E	2144U	2147	N07 W14	4741	08	2.8		5D	SF		3	C		25		F
		03	2139		2141	No Flare Patrol													
		03	2338		2357	No Flare Patrol													
		04	0004		0008	No Flare Patrol													
		04	0029		0036	No Flare Patrol													
0005	HOLL	04	1522	1532	1534	N09 W25	4741	08	2.8		12	SF		3	C		84		F
0006		04	2209	22116	2232	N11 W26	4741	08	3.0		23	SF					72		F
	HOLL	04	2209	2211	2238	N11 W25	4741	08	3.0		29	SF		3	C		94		F
	PALE	04	2209	2217	2226	N11 W27	4741	08	2.9		17	SF		3	C		49		F
0007		05	06556	0704	0712	N08 W36	4741	08	2.6		17	SF					54	.6	DI
	ABST	05	0655	0704	0709	N07 W36	4741	08	2.6		14	SF			C	0704	87	1.1	DI
	HTPR	05	0701	0704	0716	N08 W37	4741	08	2.5		15	SF			C	0704	20	.2	
0008	HTPR	05	0936	0938	0945	N08 W38	4741	08	2.5		9	SF			C	0938	30	.4	E
0009	HTPR	06	0717	0722	0726	N08 W51	4741	08	2.5		9	SF			C	0722	20	.3	
		07	1811		1818	No Flare Patrol													
		08	0117		0130	No Flare Patrol													
		08	0140		0148	No Flare Patrol													
0010	HTPR	08	1330	1343	1355	N08 W75	4741	08	2.9		25	SF			C	1343	20		
		08	2222		2314	No Flare Patrol													
		08	2352		2357	No Flare Patrol													
		09	0002		0051	No Flare Patrol													
		09	0115		0129	No Flare Patrol													
		09	0216		0309	No Flare Patrol													
		09	1553		1607	No Flare Patrol													
		09	2201		2215	No Flare Patrol													
		09	2236		2241	No Flare Patrol													
		10	1128		1134	No Flare Patrol													
		10	1152		1153	No Flare Patrol													
		10	1505		1519	No Flare Patrol													
		10	1603		1714	No Flare Patrol													
		10	1718		1746	No Flare Patrol													
		10	2126		2136	No Flare Patrol													
		10	2143		2203	No Flare Patrol													
		10	2312		2319	No Flare Patrol													
		11	1501		1514	No Flare Patrol													
		11	1608		1655	No Flare Patrol													
		11	1703		1718	No Flare Patrol													
		11	1731		1758	No Flare Patrol													
		11	1804		1811	No Flare Patrol													
		11	1920		1928	No Flare Patrol													
		11	1935		1954	No Flare Patrol													
		11	2011		2018	No Flare Patrol													

8
Aug 86

H - ALPHA SOLAR FLARES

AUGUST 1986

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			Remarks
																Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
			11 2026		2104			No Flare Patrol											
			12 1349		1353			No Flare Patrol											
			13 1106		1117			No Flare Patrol											
			13 1842		1852			No Flare Patrol											
			13 2014		2019			No Flare Patrol											
			13 2056		2101			No Flare Patrol											
			14 1331		1336			No Flare Patrol											
			14 1408		1433			No Flare Patrol											
			19 1236		1245			No Flare Patrol											
			20 0144		0210			No Flare Patrol											
			20 1021		1132			No Flare Patrol											
			21 1217		1258			No Flare Patrol											
			21 2103		2109			No Flare Patrol											
			22 1819		1823			No Flare Patrol											
			22 1852		1854			No Flare Patrol											
			23 0941		0949			No Flare Patrol											
			23 1021		1029			No Flare Patrol											
			23 2132		2224			No Flare Patrol											
			23 2246		2256			No Flare Patrol											
			24 1021		1032			No Flare Patrol											
			24 1203		1208			No Flare Patrol											
			24 1221		1226			No Flare Patrol											
			24 1443		1449			No Flare Patrol											
			24 1512		1525			No Flare Patrol											
			24 1531		1639			No Flare Patrol											
			24 1904		1916			No Flare Patrol											
			24 1933		1948			No Flare Patrol											
			24 2207		2211			No Flare Patrol											
			24 2236		2307			No Flare Patrol											
			25 0931		1041			No Flare Patrol											
			25 1331		1350			No Flare Patrol											
			25 2153		2206			No Flare Patrol											
			25 2221		2238			No Flare Patrol											
			26 0927		0933			No Flare Patrol											
			26 1000		1027			No Flare Patrol											
			26 1138		1159			No Flare Patrol											
			26 1334		1709			No Flare Patrol											
			26 1724		1726			No Flare Patrol											
			26 1921		1932			No Flare Patrol											
			27 1046		1202			No Flare Patrol											
			27 1209		1214			No Flare Patrol											
			27 1314		1541			No Flare Patrol											
			27 1602		1711			No Flare Patrol											
			27 1850		1943			No Flare Patrol											
			28 0926		0934			No Flare Patrol											
			28 2049		2100			No Flare Patrol											
			28 2113		2316			No Flare Patrol											
			29 1508		1708			No Flare Patrol											
			30 1121		1241			No Flare Patrol											
			30 2039		2043			No Flare Patrol											
			30 2056		2104			No Flare Patrol											
			30 2124		2129			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.