Hα SOLAR FLARES

JANUARY 1996

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	Area Measurement Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
		01	2036		2050	No Flare Patrol													
		01	2055		2110	No Flare Patrol													
		02	1115		1116	No Flare Patrol													
		02	1251		1448	No Flare Patrol													
		02	1718		1730	No Flare Patrol													
0001	KANZ	03	0750	0754	0806	N09	W06	7938	01	2.9	16	SF		2	C				
0002		03	08207	0830	0836	N10	W07	7938	01	2.8	16	SF					20		
	KANZ	03	0820	0830	0838	N10	W06	7938	01	2.9	18	SF		2	C				
	SVTO	03	0827	0830	0834	N11	W08	7938	01	2.7	7	SF		3	E		20		
0003	KANZ	03	1022	1026	1046	N10	W07	7938	01	2.9	24	SF		2	C				
0004		03	1334	1335	1343	N11	W10	7938	01	2.8	9	SF	B 6.0				38		F
	RAMY	03	1308E	1335	1404D	N11	W08	7938	01	2.9	56D	SF		3	E		60		F
	SVTO	03	1334	1335	1343	N11	W11	7938	01	2.7	9	SF	B 6.0	3	E		17		
0005	RAMY	03	1548	1548	1635D	N11	W12	7938	01	2.7	47D	1F		3	E		145		F
0006	HOLL	03	1602	1603	1607	N10	W10	7938	01	2.9	5	SF	B 2.8	3	E		16		
0007	HOLL	03	1707	1707	1715	N11	W12	7938	01	2.8	8	SF	C 1.0	3	E		18		
		04	1349		1657	No Flare Patrol													
		04	1758		1808	No Flare Patrol													
		04	1828		1925	No Flare Patrol													
0008	LEAR	05	0356	0356	0401	N10	W30	7938	01	2.9	5	SF	C 1.3	3	E		35		F
		05	1106		1108	No Flare Patrol													
		05	1117		1438	No Flare Patrol													
0009	HOLL	05	1446	1446	1450	N10	W36	7938	01	2.9	4	SF		3	E		24		
0010	HOLL	05	1531	1542	1558	N10	W37	7938	01	2.9	27	SF	B 3.8	3	E		38		F
0011	HOLL	05	1803	1809	1812	S11	W05	7937	01	5.4	9	SF	B 1.6	3	E		11		
0012	HOLL	05	2017	2025	2045	N12	W40	7938	01	2.8	28	SF		3	E		14		
		06	1046		1423	No Flare Patrol													
		07	1100		1108	No Flare Patrol													
		07	1120		1132	No Flare Patrol													
		07	1139		1146	No Flare Patrol													
		07	1154		1219	No Flare Patrol													
		07	1256		1611	No Flare Patrol													
		08	1101		1128	No Flare Patrol													
		08	1132		1153	No Flare Patrol													
		08	1204		1507	No Flare Patrol													
0013	HOLL	08	1637	1638	1641	N03	W46	7939	01	5.2	4	SF	B 1.6	3	E		13		
		09	1238		1247	No Flare Patrol													
		09	1314		1320	No Flare Patrol													
		09	1402		1441	No Flare Patrol													
		10	1046		1837	No Flare Patrol													
		11	1045		1448	No Flare Patrol													
		12	1051		1144	No Flare Patrol													
		14	1106		1118	No Flare Patrol													
		14	1155		1214	No Flare Patrol													
		14	1251		1259	No Flare Patrol													
		14	1352		1358	No Flare Patrol													
		14	1404		1421	No Flare Patrol													
		14	1427		1439	No Flare Patrol													
		14	1911		2026	No Flare Patrol													
		15	1106		1333	No Flare Patrol													
		15	1355		1436	No Flare Patrol													
		16	0607		0648	No Flare Patrol													
		21	1423		1437	No Flare Patrol													

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		22	0031		0050	No Flare Patrol													
		22	1221		1232	No Flare Patrol													
		22	1312		1314	No Flare Patrol													
		22	2200		2229	No Flare Patrol													
		23	0531		0550	No Flare Patrol													
		23	1051		1128	No Flare Patrol													
		24	1042		1104	No Flare Patrol													
		24	1126		1154	No Flare Patrol													
		24	1410		1426	No Flare Patrol													
		24	1435		1444	No Flare Patrol													
		25	1206		1343	No Flare Patrol													
		25	1812		1844	No Flare Patrol													
		25	2026		2105	No Flare Patrol													
		25	2129		2229	No Flare Patrol													
		26	1047		1141	No Flare Patrol													
		26	1254		1507	No Flare Patrol													
		27	1055		1309	No Flare Patrol													
		27	1335		1345	No Flare Patrol													
		27	1413		1424	No Flare Patrol													
		27	1841		1846	No Flare Patrol													
		27	2130		2157	No Flare Patrol													
		28	1058		1115	No Flare Patrol													
		28	1216		1242	No Flare Patrol													
		28	1308		1339	No Flare Patrol													
		28	1426		1459	No Flare Patrol													
		29	0126		0219	No Flare Patrol													
		29	0626		1157	No Flare Patrol													
		29	1331		1340	No Flare Patrol													
		30	1046		1135	No Flare Patrol													
		30	1301		1411	No Flare Patrol													
		30	2228		2233	No Flare Patrol													
		31	1046		1121	No Flare Patrol													
0014	RAMY	31	1722	1732	1735	N09	W54	7944	01	27.7	13	SF	B 2.8	3	E		14		F

"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.

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