APRIL 1996

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	0031		0036	No Flare Patrol												
		01	0126		0133	No Flare Patrol												
		01	0341		0347	No Flare Patrol												
		01	0732		0750	No Flare Patrol												
		01	1316		1339	No Flare Patrol												
		02	0440		0513	No Flare Patrol												
		02	2216		2239	No Flare Patrol												
		03	0908		0921	No Flare Patrol												
		03	0933		1050	No Flare Patrol												
0001	MEUD	04	1246E	1251	1304D	S02	W78	7955	03 29.8	18D	SF							D
		04	1349		1352	No Flare Patrol												
		04	1358		1513	No Flare Patrol												
		04	1629		1717	No Flare Patrol												
		04	1801		1900	No Flare Patrol												
		04	1913		1929	No Flare Patrol												
		04	1941		2003	No Flare Patrol												
		04	2018		2024	No Flare Patrol												
		04	2040		2144	No Flare Patrol												
		04	2236		2255	No Flare Patrol												
		05	0700		0703	No Flare Patrol												
		06	0541		0546	No Flare Patrol												
		08	0951		1020	No Flare Patrol												
		08	1041		1042	No Flare Patrol												
		08	1951		2041	No Flare Patrol												
		08	2110		2229	No Flare Patrol												
		09	0423		0524	No Flare Patrol												
		09	0607		0614	No Flare Patrol												
		10	0122		0246	No Flare Patrol												
		10	0252		0609	No Flare Patrol												
		10	0937		0940	No Flare Patrol												
		10	1612		1621	No Flare Patrol												
		10	1643		1655	No Flare Patrol												
		10	2024		2038	No Flare Patrol												
		10	2056		2310	No Flare Patrol												
		11	0051		0207	No Flare Patrol												
		11	0241		0248	No Flare Patrol												
		11	0321		0402	No Flare Patrol												
		11	0417		0424	No Flare Patrol												
		11	0449		0454	No Flare Patrol												
		11	0516		0519	No Flare Patrol												
		11	0539		0548	No Flare Patrol												
		16	0430		0539	No Flare Patrol												
		17	0507		0516	No Flare Patrol												
		17	0524		0532	No Flare Patrol												
0002	KANZ	17	1601	1601	1609	N05	W29	7956	04 15.5	8	SF		2	C				
		17	1828		1850	No Flare Patrol												
		17	1858		1945	No Flare Patrol												
		17	2009		2016	No Flare Patrol												
		17	2041		2209	No Flare Patrol												
		17	2345		2400	No Flare Patrol												
		18	0000		0006	No Flare Patrol												
		18	0039		0444	No Flare Patrol												
		19	0305		0330	No Flare Patrol												
		19	0336		0447	No Flare Patrol												
		20	0327		0449	No Flare Patrol												
0003		20	06572	07055	0727	N04	W68	7956	04 15.2	30	SF	B 2.9				33		
	KANZ	20	0657	0705	0725	N03	W66	7956	04 15.3	28	SF		2	C				
	SVTO	20	0659	0706	0729	N04	W68	7956	04 15.2	30	SF	B 2.9	3	E		33		
	MEUD	20	0707E	0710	0718D	N04	W69	7956	04 15.1	11D	SF							
0004	HOLL	20	1552	1553	1555	S05	W52	7958	04 16.8	3	SF		3	E		16		
0005	HOLL	21	0017	0020	0023	S05	W57	7958	04 16.7	6	SF		3	E		21		
		21	0408		0414	No Flare Patrol												

Hα SOLAR FLARES

APRIL 1996

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	Area Measurement Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0006	MEUD	21	0643E	0647	0700	S07	W60	7958	04	16.8	17D	SF							ET
0007	MEUD	21	0710	0715	0717	S06	W60	7958	04	16.8	7	SF							DT
0008	MEUD	21	0746	0756	0825	S06	W60	7958	04	16.8	39	SF							DKT
0009	MEUD	21	0746	0806	0825	S06	W60	7958	04	16.8	39	SF							DKT
0010	MEUD	21	0746	0816	0825	S06	W60	7958	04	16.8	39	SF							KT
0011	MEUD	21	0821	0823	0831	N05	W80	7956	04	15.4	10	SF							
0012	MEUD	21	0827	0845	0912	S06	W60	7958	04	16.9	45	SF							T
0013	MEUD	21	1010	1023	1038	N05	W85	7956	04	15.1	28	SF							
0014	RAMY	21	1050	1054	1109	S09	W61	7958	04	16.9	19	SF		3	E		19		
0015	MEUD	21	1332	1345	1350	S06	W60	7958	04	17.1	18	SF							DT
0016		21	1410*	1451*	1510	S06	W62	7958	04	16.9	60	SF					20		T
	MEUD	21	1410	1451	1556D	S07	W62	7958	04	16.9	106D	SF							T
	HOLL	21	1500	1503	1509	S04	W60	7958	04	17.1	9	SF		3	E		24		
	SVTO	21	1503	1504	1510	S07	W65	7958	04	16.7	7	SF		3	E		16		
0017		21	18011	18023	1807	S05	W63	7958	04	17.0	6	SF	B 1.8				17		
	HOLL	21	1801	1802	1807	S04	W63	7958	04	17.0	6	SF		3	E		20		
	PALE	21	1802	1805	1807	S04	W63	7958	04	17.0	5	SF	B 1.8	3	E		15		
	RAMY	21	1802	1805	1807	S06	W63	7958	04	17.0	5	SF		3	E		17		
0018		21	19383	19421	1949	S06	W67	7958	04	16.8	11	SF	B 1.6				44		
	HOLL	21	1938	1942	1949	S04	W67	7958	04	16.8	11	SF		3	E		66		
	PALE	21	1941	1943	1949	S06	W66	7958	04	16.9	8	SF		3	E		28		
	RAMY	21	1941	1943	1950	S07	W67	7958	04	16.8	9	SF	B 1.6	3	E		39		
0019	PALE	22	0009	0010	0011	S06	W68	7958	04	16.9	2	SF		3	E		15		
0020	PALE	22	0233	0234	0241	S06	W70	7958	04	16.9	8	SF	C 1.6	3	E		17		
0021	PALE	22	0327	0340	0351	S06	W70	7958	04	16.9	24	SF	C 6.1	3	E		50		
		22	0401		0425	No Flare Patrol													
0022	SVTO	22	0442	0443	0450	S13	W76	7958	04	16.5	8	SF	M 3.6	2	E		35		H
0023		22	0653*	07091	0722	S06	W72	7958	04	16.9	29	SN	B 6.1				72		FH
	SVTO	22	0653	0709	0721	S05	W73	7958	04	16.8	28	SN	B 6.1	3	E		72		FH
	KANZ	22	0710	0710	0722	S06	W72	7958	04	16.9	12	SF		2	C				
0024	KANZ	22	0846	0846	0850	S06	W69	7958	04	17.2	4	SF		2	C				
0025	MEUD	22	0942	0948	1002	S07	W75	7958	04	16.8	20	SN							T
0026	MEUD	22	1027	1054	1057	S07	W75	7958	04	16.8	30	SN							T
0027	MEUD	22	1111	1118	1354D	S07	W75	7958	04	16.8	163D	SN							KT
0028		22	1111*	11491	1152	S06	W76	7958	04	16.8	41	SN					11		KT
	MEUD	22	1111	1150	1354D	S07	W75	7958	04	16.8	163D	SN							KT
	SVTO	22	1148	1149	1152	S05	W76	7958	04	16.8	4	SF		3	E		11		
0029	MEUD	22	1111	1251	1354D	S07	W75	7958	04	16.8	163D	SN							KT
0030		22	15444	1552	1557	S04	W76	7958	04	17.0	13	SF	B 7.0				56		
	SVTO	22	1544	1552	1558	S05	W76	7958	04	17.0	14	SF		3	E		59		
	HOLL	22	1548	1552	1556	S04	W77	7958	04	16.9	8	SF	B 7.0	3	E		54		
0031		22	1705	17051	1712	S06	W80	7958	04	16.7	7	SF	B 6.8				24		
	RAMY	22	1705	1705	1713	S07	W79	7958	04	16.8	8	SF		3	E		27		
	PALE	22	1705	1706	1710	S04	W80	7958	04	16.7	5	SF	B 6.8	3	E		21		

Hα SOLAR FLARES

APRIL 1996

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	Area Measurement Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0032		22	1756*	1813	1826	S05	W81	7958	04 16.7	30	SF	C 1.8				35		
	RAMY	22	1756	1813	1836	S07	W80	7958	04 16.7	40	SF		3	E		57		
	PALE	22	1809	1813	1822	S03	W81	7958	04 16.7	13	SF		3	E		29		
	HOLL	22	1812	1813	1819	S04	W82	7958	04 16.6	7	SF	C 1.8	3	E		18		
		23	0752		0814	No Flare Patrol												
		23	0841		0917	No Flare Patrol												
		23	0949		0952	No Flare Patrol												
0033	KANZ	23	0953E	0953U	1017	S07	W85	7958	04 17.0	24D	SF		2	C				
		24	1412		1417	No Flare Patrol												
		25	2046		2112	No Flare Patrol												
		25	2118		2156	No Flare Patrol												
		25	2203		2248	No Flare Patrol												
		25	2340		2354	No Flare Patrol												
		26	0038		0112	No Flare Patrol												
		26	0609		0626	No Flare Patrol												
		26	0631		0657	No Flare Patrol												
		26	0701		0709	No Flare Patrol												
0034	MEUD	26	1403E	1419	1504D	S04	W10		04 25.8	61D	SN				1419	120	1.2	
		27	0607		0834	No Flare Patrol												
		27	2225		2306	No Flare Patrol												
		28	0721		0737	No Flare Patrol												
		29	0218		0249	No Flare Patrol												
		29	2251		2300	No Flare Patrol												
		30	0426		0824	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.

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