



JANUARY 1997

Grp #	Sta	Start Day (UT)	Max (UT)	End (UT)	Lat	NOAA/ USAF Region	CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks	
													Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
		24	0857	1041		No Flare Patrol											
		25	1016	1022		No Flare Patrol											
		25	2205	2312		No Flare Patrol											
		25	2331	2350		No Flare Patrol											
		26	0835	0947		No Flare Patrol											
		26	1007	1124		No Flare Patrol											
		26	2053	2104		No Flare Patrol											
		26	2239	2241		No Flare Patrol											
		27	0718	0735		No Flare Patrol											
0005	KANZ	27	1035	1039	1043	S08 W03 8013A	01	27.2	8	SF		2	C				G
0006	KANZ	27	1140	1144	1152	S08 W03 8013A	01	27.3	12	SF		2	C				G
		27	1405	1420		No Flare Patrol											
		28	0537	0553		No Flare Patrol											
		28	2205	2400		No Flare Patrol											
		29	0000	0002		No Flare Patrol											
		29	0208	0217		No Flare Patrol											
		29	0630	0754		No Flare Patrol											
0007	RAMY	29	1518	1518	1524	N02 E42 8015	02	1.8	6	SF B	1.0	3	E				11
0008	RAMY	29	1918E	1918U	1930	N02 E40 8015	02	1.8	12D	SF B	5.8	2	E				19
		29	2205	2246		No Flare Patrol											
		30	1641	1650		No Flare Patrol											
		30	1801	1834		No Flare Patrol											
		30	2146	2247		No Flare Patrol											
		31	0017	0030		No Flare Patrol											
		31	0035	0106		No Flare Patrol											
		31	1929	1933		No Flare Patrol											
		31	1937	2126		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