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May 92

H $\alpha$  SOLAR FLARES

MAY 1992

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	NOAA/ USAF CMD Region	CMP Mo Day	Dur (Min)	Imp Opt Xray	Obs See Type	Area Measurement			Remarks
												Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0001	LEAR	01	0149	0203	0224	S07 W10	7150	04 30.3	35	SF B 6.8	3 E		14		F
0002	LEAR	01	0304	0308	0315	N11 W54	7145	04 27.2	11	SF B 7.9	3 E		21		
0003	WATU	01	0347	0355	0428	N08 W27	7146	04 29.2	41	SB	C	0355	50	0.6	F
0004	KHAR	01	0942		0950	S07 W09	7150	04 30.7	8	SF	2 V	0942			E
		01	1201		1233	No Flare Patrol									
0005	HOLL	01	1449	1449	1500	N14 E45	7152	05 5.0	11	SF	3 E		15		
0006	HOLL	01	1605	1611	1623	S06 W17	7150	04 30.4	18	SF B 8.3	3 E		59		F
0007	PALE	01	1659	1700	1711	N13 E45	7152	05 5.1	12	SF	4 E		13		
0008		01	17281	17311	1751	S07 W38	7143	04 29.0	23	SF B 8.7			27		F
	PALE	01	1728	1732	1752	S07 W38	7143	04 29.0	24	SF B 8.7	4 E		36		F
	HOLL	01	1729	1731	1750	S07 W38	7143	04 29.0	21	SF	3 E		18		F
0009	PALE	01	1931	1934	1957	N13 E45	7152	05 5.2	26	SF B 7.4	4 E		20		FH
0010	HOLL	01	2254	2258U	2331	N13 E41	7152	05 5.0	37	1M C 2.8	2 E		128		
		01	2300		2306	No Flare Patrol									
0011	HOLL	01	2355		2407	N13 E41	7152	05 5.1	12	SF	3 E		13		F
0012		02	00071	00082	0025	S10 W22	7150	04 30.3	18	SF			59	1.1	EJ
	HOLL	02	0007	0008	0031	S10 W21	7150	04 30.4	24	SF	3 E		19		
	VORO	02	0008	0010	0019	S10 W22	7150	04 30.3	11	SF	2 C	0010	99	1.1	EJ
0013		02	02371	0238	0247	S05 W43	7143	04 29.0	10	SF			37	0.8	DF
	LEAR	02	0237	0238	0249	S06 W43	7143	04 29.0	12	SF	3 E		24		
	MITK	02	0238	0238	0244	S05 W43	7143	04 29.0	6	SB	C	0238	62	0.9	D
	PALE	02	0238	0238	0247	S05 W42	7143	04 29.1	9	SF	3 E		24		F
	YUNN	02	0240E	0244U	0244D	S03 W45	7143	04 28.8	4D	SN	P	0244	39	0.6	
0014	PALE	02	0314	0315	0320	S06 W41	7143	04 29.2	6	SF	3 E		20		
0015	ABST	02	0403E	0403U	0418	N10 W27	7146	04 30.1	15D	SF	P	0403	157	1.9	BCE
0016	LEAR	02	0447	0452	0522	N08 W27	7146	04 30.2	35	SF C 3.8	3 E		52		
0017		02	0507*	0524*	0548	N10 E38	7155	05 5.1	41	1F			122	1.7	DE
	ABST	02	0507	0524	0548	N10 E38	7155	05 5.1	41	1F	C	0524	157	2.2	E
	ABST	02	0533	0536	0650D	N11 E39	7155	05 5.2	77D	SF	P	0536	87	1.2	D
0018		02	11237	1125	1139	S08 W25	7150	04 30.6	16	SF					DH
	KHAR	02	1123	1125	1139	S06 W24	7150	04 30.7	16	SF	2 V	1125			DH
	KHAR	02	1130		1139	S10 W26	7150	04 30.5	9	SF	2 V	1130			D
		02	1143		1624	No Flare Patrol									
0019	PALE	02	1703	1715U	1718	S09 W50	7143	04 29.0	15	SF	3 E		26		
0020		02	1756*	18333	1914	S07 W34	7150	04 30.2	78	SF C 1.4			40		FU
	PALE	02	1756	1833	1944	S07 W35	7150	04 30.1	108	SF C 1.4	3 E		80		
	HOLL	02	1809E	1811U	1819D	S07 W34	7150	04 30.2	100	SF	2 E		14		U
	RAMY	02	1835	1836	1845	S07 W34	7150	04 30.2	10	SF	3 E		25		F
		02	2022		2027	No Flare Patrol									
		02	2034		2044	No Flare Patrol									
0021	PALE	02	2222	2224	2226	S08 W52	7143	04 29.1	4	SF	3 E		35		F
0022		03	0146	0147	0151	S07 W36	7150	04 30.4	5	SF B 6.2			25	0.4	
	YUNN	03	0146E	0146U	0150	S06 W34	7150	04 30.5	4D	SF	P	0146	31	0.4	
	PALE	03	0146	0147	0152	S08 W37	7150	04 30.3	6	SF B 6.2	3 E		19		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF		CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Area Time (UT)	Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks			
						Lat	Cmd Region												
0023	PALE	03	0254	0256	0308	S07	W33	7150	04	30.6	14	SF B 5.6	3	E	25	F			
0024	PALE	03	0321	0321	0401D	S08	W38	7150	04	30.3	40D	SF B 6.6	3	E	35				
0025	ABST	03	0610	0613	0618	S27	E77	7154	05	9.2	8	SF		C	0613	61	D		
0026		03	06188	06274	0636	S05	W37	7150	04	30.5	18	SN C 1.3			23	0.2	E		
	WATU	03	0618	0631	0638	S05	W37	7150	04	30.5	20	SN		C	0631	20	0.3	E	
	MITK	03	0626	0627	0627	S05	W37	7150	04	30.5	1	SN		C	0627	13	0.2	E	
	SVTO	03	0626	0628	0642	S06	W37	7150	04	30.5	16	SF C 1.3	2	E		35			
		03	0639		0644	No Flare Patrol													
0027		03	0851	0853*	0930	S07	W38	7150	04	30.5	39	1N M 1.0			234	2.7	FKUY		
	ISTA	03	0851E		0927	S06	W35	7150	04	30.7	36D	1B		P			FU		
	KANZ	03	0851E	0851U	0924	S07	W38	7150	04	30.5	33D	1N		2	C				
	SVTO	03	0851	0853	0935	S07	W38	7150	04	30.5	44	1N		E		263		K	
	SVTO	03	0851	0857	0935	S07	W38	7150	04	30.5	44	1N M 1.0	3	E		239		YF	
	KHAR	03	0856E	0904	0928	S08	W40	7150	04	30.4	32D	1N		2	P	0859	200	2.7	
0028	KHAR	03	1106		1115	S12	E77	7161	05	9.3	9	SF		2	P	1110	30		DL
		03	1146		1155	No Flare Patrol													
		03	1208		1234	No Flare Patrol													
		03	1245		1259	No Flare Patrol													
		03	1353		1430	No Flare Patrol													
		03	1440		1507	No Flare Patrol													
		03	1514		1533	No Flare Patrol													
		03	2137		2154	No Flare Patrol													
		03	2204		2206	No Flare Patrol													
	0029	WATU	04	0157	0158	0207	S09	W48	7150	04	30.5	10	SF		C	0158	20	0.3	D
0030		04	04373	0439*	0544	S07	W51	7150	04	30.4	67	SN C 5.2			107	1.8	EF		
	LEAR	04	0432E	0444U	0540	S09	W50	7150	04	30.4	68D	1F C 5.2	3	E		146		F	
	TACH	04	0437	0439	0529	S06	W50	7150	04	30.4	52	1N		3	C	0439	158	2.5	E
	WATU	04	0439	0443	0508	S06	W52	7150	04	30.3	29	SN		C	0443	70	1.2	F	
	MITK	04	0440	0502	0521	S05	W51	7150	04	30.4	41	SB		C	0502	109	1.8	E	
	SVTO	04	0449E	0646U	0701	S08	W54	7150	04	30.1	132D	SF		2	E		52		F
0031	LEAR	04	0631	0632	0634	S09	W51	7150	04	30.4	3	SF		3	E		29		F
0032	KANZ	04	0826	0826	0836	S07	W50	7150	04	30.6	10	SF		2	C				
0033		04	0857*	0908	0920	S07	W50	7150	04	30.6	23	SF				24		D	
	SVTO	04	0857	0908	0920	S07	W53	7150	04	30.4	23	SF		3	E		24		
	KANZ	04	0906E	0906U	0920	S06	W49	7150	04	30.7	14D	SF		2	C				
	KHAR	04	0909		0920	S08	W49	7150	04	30.7	11	SF		2	P	0909			D
0034	KHAR	04	0924	0925	0950U	S26	E65	7154	05	9.4	26U	SN		2	V	0925			L
0035		04	09337	0936*	1016	S14	E65	7161	05	9.3	43	2M C 3.2			230	6.4	DEHILWY		
	SVTO	04	0933	0940	1028	S15	E67	7161	05	9.5	55	1F C 3.2	3	E		157			
	KHAR	04	0934	0942U	1020U	S14	E70	7161	05	9.7	46U	2M		2	P	0939			EHILWY
	CATA	04	0936	0936	0942D	S15	E65	7161	05	9.3	6D	2B		1	P	0936	309	7.5	
	KANZ	04	0937	0941	1029	S14	E65	7161	05	9.3	52	1F		2	C				
	HURB	04	0940	0944	0952	S15	E60	7161	05	8.9	12	1F		V					D
	CATA	04	0957E	0957	1000D	S14	E65	7161	05	9.3	3D	2B		1	P	0957	225	5.4	
0036	KHAR	04	1020U		1042	S26	E68	7154	05	9.7	22U	SN		2	V	1020			L
0037	KHAR	04	1030U	1035	1044	S08	W50	7150	04	30.7	14U	SN		2	V	1035			DH
0038		04	11175	1145	1233	S07	W56	7150	04	30.3	76	SF M 1.3			83		F		
	KANZ	04	1117	1145	1233	S07	W56	7150	04	30.3	76	SF		2	C				
	SVTO	04	1122	1145	1233	S07	W57	7150	04	30.2	71	SF M 1.3	3	E		83		F	
0039		04	1149	1153	1204	S24	E56	7154	05	8.8	15	SF			39				
	SVTO	04	1149	1153	1203	S25	E58	7154	05	9.0	14	SF		3	E		39		
	KANZ	04	1149	1153	1205	S23	E55	7154	05	8.7	16	SF		2	C				

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			CMP Mo	Dur (Min)	Imp Opt	Obs Xray	Area Measurement	Remarks		
						Lat	CMD	Region							Time (UT)	Apparent (10-6 Disk)
0040	04	1240	1248.3	1259	S24 E61	7154	05	9.2	19	SF		23				
	SVTO	04	1240	1248	1259	S25 E62	7154	05	9.3	19	SF	3 E	23			
	KANZ	04	1247E	1251	1259	S24 E60	7154	05	9.2	12D	SF	2 C				
	04	1312		1318	No Flare Patrol											
0041	RAMY	04	1343	1345	1350	S06 W54	7150	04	30.5	7	SF	3 E	18			
0042	04	14061	14071	1411	S24 E60	7154	05	9.2	5	SF		27				
	SVTO	04	1406	1408	1411	S25 E59	7154	05	9.1	5	SF	3 E	27			
	KANZ	04	1407	1407	1411	S24 E60	7154	05	9.2	4	SF	2 C				
0043	SVTO	04	1420	1433	1505	S26 E60	7154	05	9.2	45	SF	3 E	29			
	04	1449		1459	No Flare Patrol											
0044	RAMY	04	1513	1514	1520	S08 W57	7150	04	30.4	7	SF	3 E	26			
0045	SVTO	04	1535	1536	1548	S08 W58	7150	04	30.3	13	SF	3 E	27			
	04	1612		1620	No Flare Patrol											
	04	1624		1637	No Flare Patrol											
	04	1719		1725	No Flare Patrol											
0046	PALE	04	1842	1847	1849	S16 E59		05	9.2	7	SF	3 E	15	F		
0047	PALE	04	1844	1845	1853	S25 E61	7154	05	9.5	9	SF	3 E	16	F		
0048	PALE	04	1852	1855	1858	S06 W57	7150	04	30.5	6	SF	3 E	16			
0049	04	2009*	2129*	2348	S26 E54	7154	05	9.0	219	1N M 1.1		182	3.1	EFIJKT		
	HOLL	04	2009	2013U	2348D	S27 E54	7154	05	9.0	219D	1N M 1.1	2 E	161	FET		
	HOLL	04	2009	2259	2348D	S27 E54	7154	05	9.0	219D	1N		266	KT		
	RAMY	04	2011	2129	2200D	S27 E54	7154	05	9.0	109D	1F	3 E	160	F		
	VORO	04	2219E	2222	2240D	S26 E55	7154	05	9.2	210	1F	2 C	2222	269	5.0	EIJ
	MITK	04	2326	2328	2346	S26 E54	7154	05	9.2	20	1N	C	2328	125	2.3	E
	MITK	04	2347	2348	2349	S26 E54	7154	05	9.2	2	SN	C	2348	110	2.0	E
	04	2201		2218	No Flare Patrol											
0050	MITK	05	0146	0146	0157	S06 W62	7150	04	30.4	11	SN	C	0146	63	1.4	D
0051	PALE	05	0155	0156	0206	S26 E52	7154	05	9.1	11	SF	3 E	15			
0052	PALE	05	0225	0235	0240	S27 E55	7154	05	9.4	15	SF	3 E	26			
0053	05	0224*	0302*	0317	S05 W62	7150	04	30.5	53	SN		65	1.2	EF		
	MITK	05	0224	0312	0318	S05 W62	7150	04	30.5	54	1N	C	0312	96	2.1	E
	PALE	05	0229	0302	0316	S04 W61	7150	04	30.5	47	SF	3 E	79		F	
	WATU	05	0308	0312	0316	S07 W62	7150	04	30.5	8	SN	C	0312	20	0.4	E
0054	05	03536	03547	0406	S06 W64	7150	04	30.4	13	SF		41	0.5	E		
	WATU	05	0353	0354	0400	S06 W65	7150	04	30.3	7	SF	C	0354	20	0.5	E
	PALE	05	0359	0401	0411	S07 W63	7150	04	30.4	12	SF	3 E	62			
0055	WATU	05	0437	0439	0445	S03 W61	7150	04	30.6	8	SN	C	0439	20	0.4	D
0056	05	0643	0647U	0652	S07 W66	7150	04	30.3	9	SF		68		E		
	ISTA	05	0643		0648	S08 W66	7150	04	30.3	5	SF	P			E	
	ONDR	05	0644E	0647U	0656	S06 W65	7150	04	30.4	12D	SF	P	0647	68		E
0057	05	11525	11552	1200	S26 E49	7154	05	9.3	8	SN				D		
	KHAR	05	1152	1155	1200	S26 E50	7154	05	9.4	8	SN	2 V	1155		D	
	KANZ	05	1157	1157	1201	S25 E48	7154	05	9.2	4	SF	2 C				
0058	HTPR	05	1328	1330	1333D	S26 E50	7154	05	9.4	5D	SF	C	1330	110	1.8	
0059	05	1417*	1417*	1421	S25 E48	7154	05	9.3	4	SF		22				
	KANZ	05	1417	1417	1421	S25 E48	7154	05	9.3	4	SF	2 C				
	SVTO	05	1427	1428	1428D	S25 E49	7154	05	9.4	1D	SF	3 E	22			

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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)		
0060		05	14455	1452	1510	S26	E49	7154	05	9.4	25	SN	C	1.9			51	1.4		
	HTPR	05	1445	1452	1510	S26	E50	7154	05	9.5	25	SN				C	1452	90	1.4	
	RAMY	05	1450	1452	1509	S27	E48	7154	05	9.3	19	SF	C	1.9	3	E		12		
0061	HOLL	05	1510	1517	1535	S08	W68	7150	04	30.5	25	1F	C	2.0	3	E		80		FH
0062	HOLL	05	1542	1548	1553	S26	E46	7154	05	9.2	11	SF			3	E		22		
0063	HOLL	05	1600	1600	1603	N15	W09	7152	05	5.0	3	SF			3	E		18		
0064	HOLL	05	1608	1609	1628	S26	E47	7154	05	9.3	20	SF	C	1.1	3	E		22		FH
0065	HOLL	05	1632	1640	1649	S27	E43	7154	05	9.0	17	SF			3	E		20		FH
0066	HOLL	05	1642	1650	1702	S06	W73	7150	04	30.2	20	SF	C	2.3	3	E		48		F
0067		05	1655*	17094	1723	S26	E47	7154	05	9.3	28	SF					18		FH	
	RAMY	05	1655	1713	1730	S26	E47	7154	05	9.3	35	SF			3	E		20		F
	HOLL	05	1707	1709	1716	S26	E47	7154	05	9.4	9	SF			3	E		17		FH
0068		05	17555	18022	1816	S26	E46	7154	05	9.3	21	SF	C	1.8			40		EF	
	PALE	05	1755	1804	1816	S25	E47	7154	05	9.4	21	SF	C	1.8	3	E		68		F
	HOLL	05	1759	1802	1813	S26	E45	7154	05	9.2	14	SF			3	E		25		FE
	RAMY	05	1800	1804	1819	S26	E45	7154	05	9.2	19	SF			3	E		28		F
0069	RAMY	05	1837	1843	1856	S26	E43	7154	05	9.1	19	SF			3	E		11		F
0070		05	19028	1912	1942	S08	W73	7150	04	30.3	40	SF	C	6.4			34			
	HOLL	05	1902	1912	2001	S07	W75	7150	04	30.2	59	SF	C	6.4	3	E		32		
	PALE	05	1910	1912	1923	S08	W71	7150	04	30.5	13	SF			3	E		37		
0071		05	1941*	20078	2054	S26	E44	7154	05	9.2	73	1N	M	1.4			134		EF	
	PALE	05	1941	2015	2104	S25	E45	7154	05	9.3	83	1N	M	1.4	3	E		218		F
	RAMY	05	2005	2007	2045	S27	E44	7154	05	9.3	40	SN			3	E		78		FE
	HOLL	05	2005	2008U	21000	S27	E43	7154	05	9.2	55D	1B			2	E		105		FE
0072	PALE	05	2058	2104	2108	S07	W70	7150	04	30.6	10	SF			3	E		19		
0073		05	2119*	2223*	2350	S26	E44	7154	05	9.3	151	SN	C	7.7			86	0.7	EFK	
	PALE	05	2119	2223	2355	S25	E46	7154	05	9.4	156	1F				E		117		K
	PALE	05	2119	2326	2355	S25	E46	7154	05	9.4	156	1F	C	7.7	3	E		113		F
	HOLL	05	2130E	2133U	21500	S26	E46	7154	05	9.5	200	SN			1	E		66		FE
	HOLL	05	2319	2321	2323D	S27	E42	7154	05	9.2	40	SN	C	7.1	2	E		88		F
	MITK	05	2335	2337	2339	S26	E42	7154	05	9.2	4	SN				C	2337	48	0.7	E
0074		05	2136	2142	2144	S11	W69	7150	04	30.7	8	SF					54		F	
	HOLL	05	2133E	2137U	21500	S12	W69	7150	04	30.7	170	SF			1	E		89		F
	PALE	05	2136	2142	2144	S10	W69	7150	04	30.7	8	SF			3	E		18		
0075	PALE	06	0015	0017	0025	S08	W71	7150	04	30.7	10	SF			3	E		77		
0076		06	02088	02125	0217	S26	E41	7154	05	9.3	9	SN					17	0.2	DE	
	MITK	06	0208	0212	0216	S26	E41	7154	05	9.3	8	SN				C	0212	14	0.2	E
	MITK	06	0216	0217	0218	S26	E41	7154	05	9.3	2	SN				C	0217	20	0.3	D
0077	PALE	06	0305	0305	0313	S26	E41	7154	05	9.3	8	SF			3	E		17		
0078	WATU	06	0425	0426	0429	S04	W75	7150	04	30.6	4	SF				C	0426	20		D
0079	MITK	06	0509	0510	0510	S26	E40	7154	05	9.3	1	SN				C	0510	27	0.4	D
0080	ONDR	06	0605E	0608U	0620	S03	W78	7156	04	30.4	150	1N				P	0608	58		E
0081		06	0735	07365	0758	S27	E38	7154	05	9.3	23	SN					121	1.7	E	
	HTPR	06	0728E	0740	0815	S26	E40	7154	05	9.4	47D	SN				C	0740	120	1.7	E
	WATU	06	0735	0736	0740	S27	E37	7154	05	9.2	5	SF				C	0736	20	0.3	E
	ONDR	06	0737E	0741	0809U	S28	E36	7154	05	9.1	32U	1B				P	0741	222	3.1	E

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Grp #	Sta	Start Day (UT)	Max (UT)	End (UT)	NOAA/USAF			CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks		
					Lat	CMD	Region							Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)			
0082		06 07533	0756U	0820	S04	W84	7150	04	30.0	27	1N				34		AD		
	ONDR	06 0753	0756U	0809U	S02	W84	7150	04	30.0	16U	1N	P	0756		34		AD		
	HTPR	06 0756		0820	S05	W85	7150	04	30.0	24	SN	C					A		
0083		06 1001	10041	1018	S07	W80	7150	04	30.4	17	SN						D		
	HTPR	06 1001	1004	1015	S06	W80	7150	04	30.4	14	1B	C							
	KHAR	06 1001	1004	1015	S07	W82	7150	04	30.3	14	SN	2	V	1004			D		
	KANZ	06 1001	1005	1025	S08	W78	7150	04	30.6	24	SN	2	C						
0084		06 1238E	1242	1251	S27	E36	7154	05	9.3	13D	SN	C	2.4		84	1.8	F		
	HTPR	06 1238E		1245D	S27	E38	7154	05	9.5	7D	SN		C	1238	140	1.8			
	RAMY	06 1238E	1242	1251	S27	E35	7154	05	9.2	13D	SF	C	2.4	2	E	27		F	
		06 1421		1433	No Flare Patrol														
		06 1638		1748	No Flare Patrol														
	06 1812		1820	No Flare Patrol															
	06 1915		1929	No Flare Patrol															
0085	HOLL	06 1931E	1933U	1946	S26	E33	7154	05	9.4	15D	SF		1	E		55		F	
		06 2041		2105	No Flare Patrol														
		06 2117		2125	No Flare Patrol														
		06 2220		2254	No Flare Patrol														
0086	YUNM	07 0025E	0040	0102	S22	E89	7163	05	13.8	37D			P					A	
0087		07 06355	06526	0823	S21	E48		05	10.9	108	2M	C	3.4		562	11.2	EGSU		
	HTPR	07 0635	0656	0835	S20	E45		05	10.7	120	2M		C	0656	650	10.4	EGU		
	KANZ	07 0640	0652	0815	S21	E49		05	11.0	95	2F		2	C					
	CATA	07 0645E	0658	0719D	S20	E48		05	10.9	34D	2B		1	P	0658	759	12.1		
	SVTO	07 0649E	0649U	0818	S23	E48		05	11.0	89D	2F	C	3.4	3	E	278		US	
0088	KHAR	07 0932	0935	0940	S24	E25	7154	05	9.3	8	SF		2	V	0935			D	
0089	RAMY	07 1150	1150	1200	S25	E25	7154	05	9.4	10	SF		3	E		11			
0090		07 1350*	1400	1420	S05	W76	7156	05	1.9	30	SN				15		D		
	HTPR	07 1350		1430	S05	W73	7156	05	2.1	40	SN		C				D		
	SVTO	07 1400	1400	1410	S05	W80	7156	05	1.6	10	SF		3	E	15				
0091		07 1521*	1523*	1553	S28	E26	7154	05	9.7	32	SF				51	1.3			
	RAMY	07 1521	1523	1531	S28	E26	7154	05	9.7	10	SF		3	E	20				
	HTPR	07 1522	1535	1600	S27	E29	7154	05	9.9	38	SF		C	1535	110	1.3			
	RAMY	07 1532	1541	1548	S28	E26	7154	05	9.7	16	SF		3	E	16				
	HOLL	07 1548	1607	1609	S27	E22	7154	05	9.4	21	SF		3	E	90				
	RAMY	07 1549	1551	1555	S28	E25	7154	05	9.6	6	SF		3	E	17				
0092	HOLL	07 1803	1806	1813	S06	W79	7156	05	1.8	10	SF		3	E		32			
0093	HOLL	07 2152	2154	2210	S26	E18	7154	05	9.3	18	SF		3	E		20		F	
0094	HOLL	07 2347	2349	2352	S06	W81	7156	05	1.9	5	SF		3	E		15			
0095	KAND	08 0900	0903	0915	N07	W03	7162	05	8.1	15	SF		P	0903	104	1.0	E		
0096		08 09264	09264	0935	S16	E55	7160	05	12.6	9	SF				104	1.8	CD		
	KANZ	08 0926	0926	0935	S15	E53	7160	05	12.4	9	SF		2	C					
	KAND	08 0927	0928	0935	S17	E55	7160	05	12.6	8	SN		P	0928	104	1.8	CD		
	KHAR	08 0930	0930	0935	S16	E56	7160	05	12.6	5	SF		2	V	0930			D	
0097		08 09324	0935	1007	N06	W02	7162	05	8.2	35	SN				62	0.6	EF		
	KAND	08 0932	0935	1005	N07	W03	7162	05	8.2	33	SN		P	0935	62	0.6	F		
	ISTA	08 0936		1009	N06	W01	7162	05	8.3	33	SN		P				E		
0098	KHAR	08 1045		1048U	N09	W05	7162	05	8.1	3U	SF		2	V				DH	
0099	SVTO	08 1332	1335	1351	S27	E08	7154	05	9.2	19	SF	B	6.7	3	E		26		F
0100	KANZ	08 1352E	1352U	1404	S27	E07	7154	05	9.1	12D	SF		2	C					

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Grp #	Sta	Start Day (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)	
		08 1409		1420			No Flare Patrol											
		08 1422		1433			No Flare Patrol											
		08 1459		1506			No Flare Patrol											
		08 1508		1517			No Flare Patrol											
0101		08 1513*	1530*	1916	S25	E07	7154	05	9.2	243	2N	M 7.4				290		FKUYZ
	KANZ	08 1507E	1538	1703D	S24	E09	7154	05	9.3	1160	4N		2	C				
	SVTO	08 1513	1530	1630	S26	E08	7154	05	9.2	77	3B		3	E		980		ZU
	RAMY	08 1537E	1540U	1856D	S26	E08	7154	05	9.3	1990	4B	M 7.4	3	E				UF
	HOLL	08 1547E	1550U	2046	S27	E06	7154	05	9.1	2990	2N		2	E		493		UY
	HOLL	08 1547E	1822	2046	S27	E06	7154	05	9.1	2990	1N			E		141		KU
	PALE	08 1636E	1636U	1755	S26	E08	7154	05	9.3	790	SN		4	E		96		UF
	PALE	08 1811	1813	1831	S24	E06	7154	05	9.2	20	SF		3	E		15		
	RAMY	08 2043	2043	2106	S23	E04	7154	05	9.2	23	SF		3	E		18		
0102	PALE	08 1803	1804	1831	N14	W49	7152	05	5.0	28	SF		3	E		51		F
0103	HOLL	08 1822E	1827	1833	N06	W09	7162	05	8.1	110	SF		2	E		21		
		08 1857		1901			No Flare Patrol											
		08 1935		1939			No Flare Patrol											
0104		09 16306	16371	1647	S27	W08	7154	05	9.1	17	SF B	6.7				52	0.7	EF
	HOLL	09 1630	1637	1649	S26	W08	7154	05	9.1	19	SF B	6.7	3	E		45		F
	PALE	09 1633E	1633U	1648	S26	W07	7154	05	9.1	150	SF		3	E		50		F
	HTPR	09 1636	1638	1645	S28	W08	7154	05	9.1	9	SF			C	1638	60	0.7	E
0105	HOLL	09 2004	2006	2034	S25	W08	7154	05	9.2	30	SF		3	E		43		F
0106	HOLL	09 2337E	2337U	2345	N05	W25	7162	05	8.1	80	SF		3	E		16		
		10 1306		1317			No Flare Patrol											
		10 1323		1330			No Flare Patrol											
		10 1332		1342			No Flare Patrol											
		10 1346		1353			No Flare Patrol											
		10 1449		1543			No Flare Patrol											
0107	PALE	10 1710	1714	1720	N05	W37	7162	05	7.9	10	SF		3	E		13		
		10 1920		1958			No Flare Patrol											
0108	PALE	11 0202	0202	0206	N06	W37	7162	05	8.3	4	SF		3	E		11		
0109	SVTO	11 0643	0643	0651	S27	W27	7154	05	9.2	8	SF		3	E		12		
0110		11 07061	07061	0710	N03	W41	7162	05	8.2	4	SF					12		
	KANZ	11 0706	0706	0710	N03	W41	7162	05	8.2	4	SF		2	C				
	SVTO	11 0707	0707	0711	N03	W41	7162	05	8.2	4	SF		3	E		12		
0111		11 13051	13063	1322	S28	W31	7154	05	9.1	17	SF B	6.9				20		F
	RAMY	11 1305	1306	1318	S27	W30	7154	05	9.2	13	SF		3	E		22		F
	SVTO	11 1306	1309	1325	S29	W32	7154	05	9.0	19	SF B	6.9	3	E		19		F
0112	HOLL	11 2321	2327	2429	S20	E31	7163	05	14.3	68	SF		2	E		25		
0113		12 11161	11171	1131	S26	W42	7154	05	9.2	15	SF B	6.0				51	1.1	EF
	KAND	12 1116	1117	1128	S26	W41	7154	05	9.3	12	SB			P	1117	62	0.9	EF
	HTPR	12 1116	1117	1130	S26	W43	7154	05	9.1	14	SF			C	1117	90	1.3	E
	SVTO	12 1116	1118	1133	S27	W42	7154	05	9.2	17	SF B	6.0	3	E		34		
	RAMY	12 1117	1117	1130	S25	W41	7154	05	9.3	13	SF		3	E		18		F
	KANZ	12 1117	1117	1133	S26	W42	7154	05	9.2	16	SF		2	C				
0114	RAMY	12 1128	1130	1138	S20	E24	7163	05	14.3	10	SF		3	E		11		
0115	KANZ	12 1322	1322	1326	S20	W49	7166	05	8.8	4	SF		2	C				
0116	HOLL	12 1526	1532	1548	S04	E70	7167	05	17.9	22	SF		3	E		20		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	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)		
0117		12	1710*	1713*	1733	S26	W46	7154	05	9.1	23	SF			20			F	
	HOLL	12	1710	1713	1722	S25	W46	7154	05	9.1	12	SF	3	E	27			F	
	PALE	12	1734	1735	1744	S27	W45	7154	05	9.2	10	SF	3	E	12				
0118	PALE	12	1724	1726	1734	S19	W52	7166	05	8.7	10	SF	3	E		27			
0119	PALE	12	1748	1802	1817	S21	W52	7166	05	8.7	29	SF	3	E		11			
0120	PALE	12	1817	1831	1837	S06	E70	7167	05	18.0	20	SF	3	E		45			
0121	HOLL	13	0026	0028	0039	S24	W47	7154	05	9.4	13	SF	3	E		27		F	
0122	YUNN	13	0238E	0238U	0253	S21	E15	7163	05	14.2	15D	SF		P	0238	31	0.3		
0123	YUNN	13	0311	0330	0337D	S21	E15	7163	05	14.3	260	SF		P		47	0.5		
0124		13	0600E	0608	0624	S23	E16	7163	05	14.5	240	SF				120	1.2		
	HTPR	13	0600E	0608	0620	S24	E16	7163	05	14.5	200	SF		C	0608	120	1.2		
	KANZ	13	0606E	0606U	0629	S22	E17	7163	05	14.6	230	SF	2	C					
0125		13	08543	0857	0902	S20	E13	7163	05	14.4	8	SF				137	1.5	EF	
	ONDR	13	0854	0859U	0913U	S21	E11	7163	05	14.2	19U	SN		P	0859	137	1.5	EF	
	KHAR	13	0855	0856U	0902	S21	E14	7163	05	14.4	7	SF	2	V	0855			E	
	KANZ	13	0857	0857	0901	S19	E14	7163	05	14.4	4	SF	2	C					
0126	HOLL	13	1409	1425	1434	S20	E09	7163	05	14.3	25	SF	3	E		35			
0127		13	1420*	14325	1514	S27	W54	7157A	05	9.4	54	SF B 6.5				65		F	
	HOLL	13	1420	1432	1523	S25	W55	7157A	05	9.3	63	SF B 6.5	2	E		65		F	
	KANZ	13	1433	1437	1505	S29	W53	7157A	05	9.4	32	SF	2	C					
			13	2050		2056	No Flare Patrol												
			13	2100		2400	No Flare Patrol												
		14	0000		0007	No Flare Patrol													
		14	0021		0026	No Flare Patrol													
0128		14	00335	00382	0053	S20	W72	7166	05	8.5	20	SN				30			
	YUNN	14	0033	0038	0058	S19	W74	7166	05	8.4	25	SN		C		24			
	LEAR	14	0038	0040	0048	S21	W70	7166	05	8.6	10	SF	3	E		37			
0129	LEAR	14	0252	0258	0306	S21	W72	7166	05	8.6	14	SF	3	E		21			
0130	HURB	14	0608	0609	0618	S20	W80	7166	05	8.1	10	1N		V				D	
0131	HTPR	14	1240		1255	S20	W75	7166	05	8.8	15	SN		C					
0132		14	13399	1350	1357	S16	E68	7170	05	19.7	18	SF				42			
	HTPR	14	1339	1350	1400	S15	E68	7170	05	19.7	21	SN		C					
	SVTO	14	1345	1350	1356	S17	E70	7170	05	19.9	11	SF	3	E		57			
	KANZ	14	1346	1350	1358	S14	E64	7170	05	19.4	12	SF	2	C					
	RAMY	14	1348	1350	1353	S16	E70	7170	05	19.9	5	SF	3	E		28			
0133		14	15508	16006	1648	S20	W05	7163	05	14.3	58	SN				87	1.2	EF	
	HTPR	14	1550	1600	1650	S20	W06	7163	05	14.2	60	SB		C	1600	120	1.2	E	
	KANZ	14	1558	1606	1646	S20	W05	7163	05	14.3	48	SF	2	C					
	SVTO	14	1612E	1615U	1656D	S19	W04	7163	05	14.4	44D	SF	1	E		54		F	
		14	2031		2037	No Flare Patrol													
0134	HOLL	14	2108	2121	2148	S21	W81	7166	05	8.7	40	SF B 6.0	3	E		57			
			14	2216		2308	No Flare Patrol												
0135		15	00211	00221	0029	S22	W83	7166	05	8.6	8	SF B 9.4				24		DH	
	VORO	15	0021	0023	0029	S23	W85	7166	05	8.5	8	SF	2	C	0023	27		DH	
	LEAR	15	0022	0022	0029	S21	W81	7166	05	8.8	7	SF B 9.4	3	E		21			
0136	HTPR	15	0555E		0800	S20	W90	7166	05	8.4	125D	B		C				A	

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Grp #	Sta	Start Day (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)	
0137	HTPR	15 0720		0735	S25	W85	7154	05	8.7	15	SN			C				
0138		15 1425	1427	1442	S20	W17	7163	05	14.3	17	SF	B 6.7				45	0.7	EF
	HTPR	15 1425	1427	1450	S20	W15	7163	05	14.4	25	SF			C	1427	70	0.7	E
	SVTO	15 1426	1428	1438	S21	W18	7163	05	14.2	12	SF	B 6.7	3	E		20		F
	KANZ	15 1427E	1427U	1439	S20	W18	7163	05	14.2	12D	SF		2	C				
		15 1804		1847	No Flare Patrol													
		15 1920		1928	No Flare Patrol													
		15 2012		2018	No Flare Patrol													
		15 2040		2052	No Flare Patrol													
		15 2159		2210	No Flare Patrol													
		15 2245		2301	No Flare Patrol													
0139	KANZ	16 0750	0750	0758	S21	W28	7163	05	14.2	8	SF		2	C				
0140	KANZ	16 1006E	1006U	1031D	S21	W24	7163	05	14.6	25D	SF		2	C				
0141		16 1415	1418	1441	S20	W26	7163	05	14.6	26	SF	B 3.3				33	0.7	EF
	HTPR	16 1415	1418	1445	S20	W25	7163	05	14.7	30	SF			C	1418	60	0.7	E
	HOLL	16 1417	1418	1446	S20	W26	7163	05	14.6	29	SF	B 3.3	4	E		23		F
	SVTO	16 1420	1424	1431	S21	W27	7163	05	14.5	11	SF		3	E		15		F
		17 2021		2148	No Flare Patrol													
		17 2159		2204	No Flare Patrol													
0142	VORO	17 2330	2331	2336	S20	W51	7163	05	14.1	6	SF		2	C	2331	72	1.2	DJ
		18 1201		1304	No Flare Patrol													
		18 1313		1314	No Flare Patrol													
		18 1316		1319	No Flare Patrol													
0143	RAMY	18 1633	1703	1715	N20	E58	7172	05	23.1	42	SF	B 5.7	3	E		41		F
0144	RAMY	18 1723	1727	1732	N20	E58	7172	05	23.2	9	SF		3	E		13		F
0145	HOLL	18 1731	1734	1748	S22	W57	7163	05	14.3	17	SF		3	E		26		F
0146	RAMY	18 1745	1746	1805	N20	E59	7172	05	23.2	20	SF	B 8.1	3	E		54		H
0147	HOLL	18 1832	1845	1847	N21	E56	7172	05	23.1	15	SF	C 1.2	3	E		13		
		18 1957		2005	No Flare Patrol													
		18 2050		2109	No Flare Patrol													
		18 2120		2131	No Flare Patrol													
		18 2211		2216	No Flare Patrol													
0148	HOLL	18 2217E	2220U	2236D	S22	W57	7163	05	14.5	19D	SF	C 1.0	2	E		50		
		18 2242		2258	No Flare Patrol													
0149		18 2304E	2307U	2415	N21	E54	7172	05	23.1	71D	1F	C 3.3				106		H
	HOLL	18 2304E	2307U	2315D	N21	E54	7172	05	23.1	11D	1F	C 3.3	1	E		104		
	LEAR	18 2315E	2353U	2415	N21	E53	7172	05	23.0	60D	1F		3	E		108		H
0150		19 0034	0035	0042	N21	E52	7172	05	23.0	8	SN	C 2.9				32	0.4	E
	LEAR	19 0034	0035	0045	N21	E53	7172	05	23.1	11	SF	C 2.9	3	E		43		
	WATU	19 0035E	0035	0038	N21	E52	7172	05	23.0	3D	SN			P	0035	20	0.4	E
		19 0108		0109	No Flare Patrol													
0151	LEAR	19 0317	0318	0331	N23	E53	7172	05	23.2	14	SF	C 1.6	3	E		63		
0152		19 0401	0419	0534	N22	E51	7172	05	23.1	93	1F					86		F
	LEAR	19 0401	0419	0506	N21	E51	7172	05	23.1	65	1F		3	E		113		
	SVTO	19 0435E		0602	N23	E51	7172	05	23.1	87D	SF		2	E		58		F
0153	WATU	19 0445E	0445U	0445D	N21	E54	7172	05	23.3	87D	SF			P	0445	10	0.2	D



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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			CMP Mo Day	Dur (Min)	Imp Opt	Xray	Obs See Type	Area Measurement			Remarks	
						Lat	Cmd	Region						Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0154	SVTO	19	0908	0910	0921	N22	E50	7172	05 23.2	13	SF		3	E	63		F	
		19	1008		1249	No Flare Patrol												
		19	1302		1309	No Flare Patrol												
0155		19	1520	1520	1532	S23	W66	7163	05 14.5	12	SF				13		F	
	HOLL	19	1520	1520	1532	S22	W66	7163	05 14.6	12	SF		3	E	13		F	
	KANZ	19	1525E	1525U	1529D	S24	W65	7163	05 14.6	40	SF		2	C				
0156		19	15338	1534*	1624	N22	E45	7172	05 23.1	51	SF C 3.1				38		EFK	
	HOLL	19	1533	1534	1627	N23	E45	7172	05 23.1	54	SF		3	E	33		FE	
	HOLL	19	1533	1606	1627	N23	E45	7172	05 23.1	54	SF			E	40		K	
	RAMY	19	1541	1545	1619	N21	E46	7172	05 23.2	38	SF C 3.1		3	E	40		F	
0157		19	1729	17301	1736	N22	E46	7172	05 23.3	7	SF C 3.2				20		F	
	RAMY	19	1729	1730	1736	N22	E46	7172	05 23.3	7	SF C 3.2		3	E	21		F	
	HOLL	19	1729	1731	1737	N23	E45	7172	05 23.2	8	SF		3	E	19		F	
0158	HOLL	19	1746	1756	1758	N23	E44	7172	05 23.1	12	SF		3	E	15		EF	
0159	HOLL	19	1855	1900	1909	N23	E44	7172	05 23.2	14	SN C 1.4		3	E	34		EF	
0160	HOLL	19	2127	2127	2141	S08	E36	7171	05 22.6	14	SF C 1.1		3	E	13		F	
0161	HOLL	19	2340	2342	2348	S09	W73		05 14.5	8	SF		3	E	15			
0162	LEAR	19	2354	2411	2432	N23	E40	7172	05 23.1	38	SF		3	E	41			
0163		20	0905	0910	0918	N24	E39	7172	05 23.4	13	1B				131	2.0	DEFI	
	BUCA	20	0905	0910	0920	N24	E38	7172	05 23.3	15	SN			P	0910	54	0.8	D
	KAND	20	0907E	0907U	0915	N23	E40	7172	05 23.5	80	1B			P	0907	208	3.1	EFI
0164	RAMY	20	1224	1224	1237	N23	E35	7172	05 23.2	13	SF		3	E	13		F	
		20	1947		1951	No Flare Patrol												
		20	2011		2032	No Flare Patrol												
		20	2109		2117	No Flare Patrol												
		20	2128		2140	No Flare Patrol												
		20	2151		2228	No Flare Patrol												
		20	2237		2306	No Flare Patrol												
0165	WATU	21	0114	0116	0123	N23	E31	7172	05 23.4	9	SF			C	0116	10	0.1	D
0166		21	0130*	01543	0232	S07	W52	7167	05 17.2	62	SN C 1.5				41	0.3	EF	
	LEAR	21	0130	0154	0250	S07	W52	7167	05 17.2	80	SF C 1.5		3	E	62		F	
	WATU	21	0155	0157	0214	S07	W51	7167	05 17.2	19	SN			P	0157	20	0.3	E
0167		21	06122	06135	0623	N22	E24	7172	05 23.1	11	SN C 1.9				45	0.6	DEF	
	MITK	21	0612	0613	0614	N22	E26	7172	05 23.2	2	SN			C	0613	28	0.4	D
	LEAR	21	0612	0613	0631	N22	E26	7172	05 23.2	19	SF C 1.9		3	E	28		F	
	MITK	21	0614	0618	0625	N21	E23	7172	05 23.0	11	SN			C	0618	76	0.9	E
	YUNM	21	0620E	0620U	0622D	N22	E22	7172	05 22.9	20	SN			P	0620	47	0.6	
0168		21	07092	0713	0740	S07	W55	7167	05 17.2	31	SN C 1.9				87	1.7	EFG	
	LEAR	21	0709	0713	0750	S09	W54	7167	05 17.2	41	SF C 1.9		3	E	60		F	
	KAND	21	0710	0713	0717D	S05	W55	7167	05 17.2	7D	SN			P	0713	104	1.8	E
	ISTA	21	0711		0740	S06	W55	7167	05 17.2	29	1B			P			FG	
	ONDR	21	0717E	0717U	0730	S09	W56	7167	05 17.1	130	1M			P	0717	144	2.6	E
	WATU	21	0725E	0725U	0725D	S07	W54	7167	05 17.3	130	SF			P	0725	40	0.7	E
0169	ISTA	21	0928E		1006	N20	E24	7172	05 23.2	380	SN			P			E	
0170	RAMY	21	1223	1224	1313	N22	E22	7172	05 23.2	50	SF B 8.0		3	E	12		F	
0171	RAMY	21	1316	1318	1322	N21	E25	7172	05 23.5	6	SF		3	E	12			
0172	RAMY	21	1323	1340	1352	N21	E20	7172	05 23.1	29	SF		3	E	11		F	
0173	HOLL	21	1400	1400	1406	S14	W56	7164	05 17.3	6	SF		2	E	20			

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	NOAA/ USAF CMD Region	CMP Mo Day	Dur (Min)	Imp Opt Xray	Obs See	Type	Area Measurement			Remarks
													Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0174	RAMY	21	1610	1610	1618	N16 E17	7172	05 23.0	8	SF	3	E		19		
0175	HOLL	21	1805E	1810	1842	N22 E17	7172	05 23.1	37D	SB C 3.6	3	E		98		EF
0176	HOLL	21	2011	2106	2208	S22 W19	7177	05 20.4	117	SF	3	E		45		
		21	2101		2400	No Flare Patrol										
0177		21	2236	2309	2406	S22 W20	7177	05 20.4	90	1N C 1.9				73		H
	HOLL	21	2236	2309	2355	S22 W20	7177	05 20.4	79	1N C 1.9	3	E		119		H
	LEAR	21	2323E	2412U	2416	S23 W20	7177	05 20.4	53D	SF	3	E		27		
0178		22	0635*	0643*	0704	S07 W69	7167	05 17.1	29	SF C 1.5				45		DEF
	BUCA	22	0635	0645	0720	S07 W69	7167	05 17.1	45	SN		P	0645	54		D
	KANZ	22	0636	0644	0648	S08 W67	7167	05 17.2	12	SF	2	C				
	LEAR	22	0640	0643	0649	S08 W67	7167	05 17.2	9	SF C 1.5	3	E		22		F
	ONDR	22	0645E	0645U	0701	S04 W73	7167	05 16.8	160	1F		P	0645	85		E
	LEAR	22	0652	0652	0708	S08 W68	7167	05 17.2	16	SF C 1.1	3	E		19		F
	KANZ	22	0652	0656	0716	S09 W68	7167	05 17.2	24	SN	2	C				
0179	HTPR	22	0640E		0649	S08 E70	7175A	05 27.5	9D	SB		C	0644	100		
0180	HTPR	22	0652	0654	0715	S08 E70	7175A	05 27.5	23	1B		C	0654	130		
0181		22	07003	07042	0715	S23 W24	7177	05 20.4	15	SF				60	0.9	F
	KANZ	22	0700	0704	0716	S22 W24	7177	05 20.4	16	SF	2	C				
	LEAR	22	0700	0706	0718	S23 W24	7177	05 20.4	18	SF	3	E		39		F
	HTPR	22	0703	0706	0710	S23 W25	7177	05 20.4	7	SF		C	0706	80	0.9	
		22	0941		0943	No Flare Patrol										
		22	0952		1009	No Flare Patrol										
0182	ONDR	22	1036E	1036U	1052	S04 W69	7167	05 17.3	16D	1F		P	1036	92		E
0183	HOLL	22	1444	1447	1459	S20 W29	7177	05 20.4	15	SF	4	E		41		F
0184	HOLL	22	1718	1726	1729	S07 W72	7167	05 17.3	11	SF C 1.1	3	E		58		
		22	1809		2322	No Flare Patrol										
		23	1116		1727	No Flare Patrol										
0185	SVTO	23	1227	1233	1240	N20 W11	7172	05 22.7	13	SF B 6.2	3	E		11		
		23	1733		1825	No Flare Patrol										
		23	1925		2040	No Flare Patrol										
		23	2058		2105	No Flare Patrol										
		23	2118		2310	No Flare Patrol										
0186	LEAR	24	0100	0102	0108	S15 W89		05 17.3	8	SF	3	E		35		F
0187	YUNN	24	0353E	0410U	0420D	S11 W90	7167	05 17.4	27D			P	0410			A
0188	SVTO	24	0637	0637	0652D	N18 W21	7172	05 22.7	15D	SF	3	E		13		
0189	RAMY	24	1343	1344	1348	N20 W15	7172	05 23.4	5	SF C 1.0	3	E		22		H
		24	1417		1511	No Flare Patrol										
		24	1515		1610	No Flare Patrol										
		24	1624		1633	No Flare Patrol										
		24	1654		1840	No Flare Patrol										
		24	1853		2006	No Flare Patrol										
		24	2158		2212	No Flare Patrol										
0190	HOLL	24	2223	2224	2229	N21 W25	7172	05 23.0	6	SF	3	E		16		F
		24	2250		2346	No Flare Patrol										
0191	SVTO	25	0703	0703U	0712	S25 W58	7177	05 20.8	9	SF	2	E		20		H



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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)		
0207		31	00311	0034	0040	N11	E26	7185	06	2.0	9	SF						41	0.4	DEJ
	WATU	31	0031	0034	0038	N11	E25	7185	06	1.9	7	SF				C	0034	10	0.1	E
	VORO	31	0032	0034	0042	N11	E26	7185	06	2.0	10	SF		2		C	0034	72	0.8	DJ
0208	WATU	31	0059	0104	0106	N11	E24	7185	06	1.8	7	SF				C	0104	20	0.2	E
0209	LEAR	31	0542	0600	0610	N12	E21	7185	06	1.8	28	SF B	4.5	3		E		12		
0210	SVTO	31	1223	1228	1231	S25	W44		05	28.1	8	SF		3		E		15		
0211	RAMY	31	1406	1407	1415	N12	E18	7185	06	1.9	9	SF		3		E		10		F
0212	HOLL	31	1458	1459	1512	N12	E16	7185	06	1.8	14	SF		3		E		13		F
0213		31	16541	16541	1703	N12	E16	7185	06	1.9	9	SF B	6.0					16		E
	HOLL	31	1654	1654	1701	N12	E17	7185	06	2.0	7	SF		3		E		15		E
	PALE	31	1655	1655	1705	N12	E15	7185	06	1.8	10	SF B	6.0	4		E		17		
		31	2258		2319	No Flare Patrol														
0214		31	23476	23532	2407	S24	E58	7183	06	5.5	20	1N	C	1.5				85	1.5	FH
	HOLL	31	2347	2353	2417	S25	E59	7183	06	5.6	30	1F	C	1.5	3		E	100		FH
	MITK	31	2353	2355	2357	S24	E58	7183	06	5.5	4	SN				C	2355	70	1.5	

"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