

H α SOLAR FLARES

JULY 1992

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			Dur (Min)	Imp Opt	Xray	Obs See	Obs Type	Time (UT)	Area Measurement		Remarks
						Lat	CMD	Region							Mo	Day	
0001		01	0506*	0521*	0538	N07	W11	7218	06	30.4	32	SN	C		31	0.2	DEF
	LEAR	01	0506	0521	0551	N08	W09	7218	06	30.5	45	SF		2	75		F
	SVTO	01	0516	0525	0547	N07	W10	7218	06	30.5	31	SF	C	1.1	35		F
	WATU	Q1	0520	0524	0532	N07	W12	7218	06	30.3	12	SN			30	0.3	E
	MITK	01	0524	0527	0528	N07	W13	7218	06	30.2	4	SN			7	0.1	D
	MITK	01	0530	0531	0532	N07	W13	7218	06	30.2	2	SN			7	0.1	D
0002		01	06202	06202	0628	N13	E55	7216	07	5.4	8	SF			11		
	SVTO	01	0620	0620	0629	N14	E56	7216	07	5.5	9	SF			11		
	KANZ	01	0622	0622	0626	N12	E54	7216	07	5.3	4	SF					
0003		01	07203	07224	0731	N15	E52	7216	07	5.2	11	SF	B	8.9	76		F
	LEAR	01	0720	0722	0728	N14	E52	7216	07	5.2	8	SF	B	8.9	50		
	KANZ	01	0722	0726	0734	N16	E53	7216	07	5.3	12	SF					
	SVTO	01	0723	0724U	0732D	N16	E52	7216	07	5.2	9D	1F			103		F
0004		01	07502	08025	0832	N07	W14	7218	06	30.3	42	SF	C	1.0	86	1.5	EFK
	KANZ	01	0750	0802	0830	N07	W14	7218	06	30.3	40	SF					
	SVTO	01	0752	0807	0834	N06	W13	7218	06	30.3	42	SF	C	1.0	30		F
	ONDR	01	0805E	0808U	0837U	N07	W14	7218	06	30.3	32U	SN			141	1.5	EKF
0005	SVTO	01	0937	0938	0946	N06	W15	7218	06	30.3	9	SF	B	9.9	12		F
0006	KANZ	01	0938	0938	0942	N17	W15	7213	06	30.3	4	SF					
0007	SVTO	01	1149	1155	1225	N16	E50	7216	07	5.3	36	SF	C	1.1	19		
0008		01	12102	12133	1238	N07	W15	7218	06	30.4	28	SF	C	1.6	102	1.5	EF
	SVTO	01	1210	1213	1237	N07	W16	7218	06	30.3	27	SF	C	1.6	64		
	KANZ	01	1212	1216	1239	N07	W16	7218	06	30.3	27	SF					
	ONDR	01	1220E	1220U	1224U	N07	W13	7218	06	30.5	4U	SN			141	1.5	EF
0009		01	12577	13074	1340	N14	E50	7216	07	5.3	43	SF	C	1.9	50		F
	SVTO	01	1257	1311	1339	N15	E48	7216	07	5.2	42	SF	C	1.9	62		F
	KANZ	01	1303	1311	1315D	N15	E50	7216	07	5.3	12D	SF					
	RAMY	01	1304	1307	1341	N13	E50	7216	07	5.3	37	SF			33		F
	HOLL	01	1305E	1310U	1345D	N14	E51	7216	07	5.4	40D	SN			54		F
0010		01	1637	16396	1655	N07	W18	7218	06	30.3	18	SF	C	1.2	31		F
	RAMY	01	1637	1639	1653	N07	W19	7218	06	30.3	16	SF			16		F
	HOLL	01	1637	1642	1703	N07	W19	7218	06	30.3	26	SF	C	1.2	47		F
	SVTO	01	1637	1645	1649	N07	W17	7218	06	30.4	12	SF			30		
0011		01	1720	17235	1737	N15	E48	7216	07	5.3	17	SF	B	9.0	18		F
	RAMY	01	1720	1723	1737	N14	E48	7216	07	5.3	17	SF	B	9.0	14		F
	HOLL	01	1720	1728	1752D	N16	E48	7216	07	5.4	32D	SF			22		F
0012		01	20143	20143	2025	N08	W21	7218	06	30.3	11	SF	B	5.7	60		F
	HOLL	01	2014	2014	2025	N07	W21	7218	06	30.3	11	SF	B	5.7	62		F
	PALE	01	2017	2017	2028D	N08	W21	7218	06	30.3	11D	SF			57		
0013	HOLL	01	2200	2201	2237	N16	E49	7216	07	5.6	37	SF	B	6.8	23		F
		01	2216		2231	No Flare Patrol											
0014	HOLL	01	2219	2230	2303	N07	W21	7218	06	30.3	44	SF	C	1.1	79		
		01	2245		2253	No Flare Patrol											
		01	2255		2305	No Flare Patrol											
		01	2347		2400	No Flare Patrol											
		02	0000		0000	No Flare Patrol											
0015	ONDR	02	0628	0633	0645U	N08	W22	7218	06	30.6	17U	SN			113	1.3	E
0016	KANZ	02	0847	0847	0851	N20	E53	7216	07	6.4	4	SF					
0017		02	09022	09091	0929	N10	E41	7216	07	5.4	27	SF	C	1.1	62	0.8	F
	SVTO	02	0902	0909	0940D	N11	E41	7216	07	5.5	38D	SF	C	1.1	65		F
	HPR	02	0902	0910	0932D	N08	E42	7216	07	5.5	30D	SN			60	0.8	
	KANZ	02	0904	0909	0929	N10	E41	7216	07	5.4	25	SF					

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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	See	Obs Type	Area Measurement			Remarks		
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)			
0018	KANZ	02	1037	1041	1053	N17	E39	7216	07	5.4	16	SF		2	C						
0019		02	14201	1422	1440	N14	E35	7216	07	5.2	20	SF C	1.0				37			F	
	HOLL	02	1420	1422	1442	N14	E35	7216	07	5.2	22	SF C	1.0	3	E		43			F	
	RAMY	02	1421	1422	1439	N14	E35	7216	07	5.2	18	SF C	1.0	4	E		31			F	
0020		02	14371	1439	1445	N20	E52	7216	07	6.6	8	SF					25				
	HOLL	02	1437	1439	1445	N19	E53	7216	07	6.6	8	SF		3	E		30				
	SVTO	02	1438	1439	1445	N20	E52	7216	07	6.6	7	SF		3	E		20				
0021	RAMY	02	1630	1635	1640	N14	E37	7216	07	5.5	10	SF		3	E		28				
0022		02	17147	17235	1734	N15	E36	7216	07	5.4	20	SF C	1.0				38			F	
	HOLL	02	1714	1728	1734	N15	E36	7216	07	5.4	20	SF		2	E		39			F	
	RAMY	02	1721	1723	1735	N15	E37	7216	07	5.5	14	SF C	1.0	3	E		38			F	
0023	HOLL	02	2006	2006	2012	N12	E31	7216	07	5.2	6	SF		3	E		22				
0024	HOLL	02	2054	2054	2104	N08	W35	7218	06	30.2	10	SF		3	E		12				
		02	2312		2400	No Flare Patrol															
		03	0000		0001	No Flare Patrol															
0025	ONDR	03	0725	0728	0751U	N06	W37	7218	06	30.5	26U	SF			P	0728	49	0.6		E	
0026		03	09032	0905	0912	N16	E30	7216	07	5.6	9	SF					99	1.2		EI	
	HTPR	03	0903	0905	0925D	N15	E28	7216	07	5.5	22D	SF			C	0905	120	1.4		E	
	ONDR	03	0904E	0904U	0907	N16	E32	7216	07	5.8	3D	SF			P	0904	78	1.0		EI	
	KANZ	03	0905	0905	0917	N18	E30	7216	07	5.7	12	SF		2	C						
0027		03	0937*	0950*	1058	N14	E25	7216	07	5.3	81	1N					366	4.2		DEFHZ	
	KANZ	03	0937	0957	1136	N13	E25	7216	07	5.3	119	2N		2	C						
	HTPR	03	0940	0950	1125	N14	E27	7216	07	5.4	105	1B			C	0950	380	4.4		FH	
	KAND	03	1000E		1035D	N13	E28	7216	07	5.5	35D	1B			P	1002	353	4.1		FZ	
	HURB	03	1013	1016	1025	N12	E27	7216	07	5.4	12	1N			V					E	
	HURB	03	1015	1017	1028	N17	E17	7216	07	4.7	13	1N			V					D	
0028	HTPR	03	1327		1355	N07	W90		06	26.9	28	SB			C						
0029		03	14204	14224	1451	N16	E27	7216	07	5.6	31	SF					46	0.7		FH	
	HTPR	03	1420	1422	1440	N15	E25	7216	07	5.5	20	SN			C	1422	50	0.7			
	RAMY	03	1421	1426	1510	N16	E27	7216	07	5.6	49	SF		3	E		43			FH	
	KANZ	03	1424	1424	1444	N16	E28	7216	07	5.7	20	SF		2	C						
0030	PALE	03	2134	2136	2139	N16	E23	7216	07	5.6	5	SF		3	E		15				
0031	PALE	03	2222	2228	2247	N15	E23	7216	07	5.7	25	SF		3	E		14				
		03	2258		2305	No Flare Patrol															
		03	2327		2336	No Flare Patrol															
		03	2338		2349	No Flare Patrol															
		03	2351		2400	No Flare Patrol															
		04	0000		0008	No Flare Patrol															
		04	0010		0014	No Flare Patrol															
0032	SVTO	04	1227	1236	1256	N16	E14	7216	07	5.6	29	SF		3	E		22			F	
0033		04	14021	14034	1421	N14	E10	7216	07	5.3	19	SF C	2.2				16			F	
	SVTO	04	1402	1407	1425	N14	E09	7216	07	5.3	23	SF C	2.2	3	E		14			F	
	HOLL	04	1403	1403	1417	N14	E10	7216	07	5.3	14	SF		3	E		17				
0034		04	15352	15412	1604	N14	E08	7216	07	5.2	29	SF					17			F	
	RAMY	04	1535	1543	1619	N14	E08	7216	07	5.2	44	SF		3	E		23			F	
	SVTO	04	1537	1541	1548	N14	E08	7216	07	5.2	11	SF		3	E		11			F	
0035	PALE	04	1755	1756	1758	N17	E06	7216	07	5.2	3	SF		3	E		73				
0036	PALE	04	2147	2147	2154	N14	E06	7216	07	5.4	7	SF		3	E		12				

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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)	
0037	TACH	05	0425E	0443U	0503D	N17	E43		07	8.4	38D	1B	3	C	0443	163	2.3	EG
0038	ABST	05	0626	0627	0650	S14	E90	7220	07	12.1	24	1F		C	0627	87		AD
0039	SVTO	05	1022	1033	1037	S10	E77	7220	07	11.2	15	SF C 1.4	3	E		17		
0040	SVTO	05	1056	1100	1102	S10	E77	7220	07	11.2	6	SF C 2.0	3	E		16		
0041	SVTO	05	1119	1122	1126	N05	W71	7218	06	30.2	7	SF	3	E		18		
0042		05	11412	1154*	1234	S11	E82	7220	07	11.6	53	SF C 4.1				60		
	SVTO	05	1141	1204	1231	S11	E84	7220	07	11.8	50	SF C 4.1	3	E		60		
	RAMY	05	1143	1154	1238	S11	E80	7220	07	11.5	55	SF	3	E		60		
0043		05	12584	12593	1308	S12	E86	7220	07	12.0	10	SF				26		F
	RAMY	05	1258	1259	1305	S12	E89	7220	07	12.2	7	SF	3	E		17		F
	SVTO	05	1302	1302	1310	S11	E83	7220	07	11.8	8	SF	3	E		34		
0044		05	1400*	1405*	1442	S12	E82	7220	07	11.8	42	SF C 7.9				34		F
	SVTO	05	1400	1445	1457	S12	E87	7220	07	12.1	57	SF C 7.9	3	E		48		F
	RAMY	05	1404	1405	1411	S12	E79	7220	07	11.5	7	SF	3	E		11		
	RAMY	05	1412	1446	1457	S12	E79	7220	07	11.5	45	SF	3	E		43		F
0045	SVTO	05	1521	1525	1535	S10	E81	7220	07	11.7	14	SF C 6.2	3	E		17		F
0046	HOLL	05	1726	1756	1839	S12	E83	7220	07	12.0	73	SF	3	E		46		F
0047		05	19581	20001	2010	S13	E80	7220	07	11.9	12	1N M 1.1				126		EF
	HOLL	05	1958	2001	2013	S13	E81	7220	07	11.9	15	1N M 1.1	3	E		154		E
	RAMY	05	1959	2000	2008	S13	E79	7220	07	11.8	9	SN	3	E		97		FE
0048	HOLL	05	2023	2024	2033	N13	W02	7216	07	5.7	10	SF	3	E		12		
0049	PALE	05	2105	2116	2124	S10	E80	7220	07	11.9	19	SF	3	E		40		F
0050	PALE	05	2137	2137	2146D	S10	E82	7220	07	12.1	9D	SF C 3.6	3	E		27		
0051	HOLL	05	2144	2145	2151	N13	W03	7216	07	5.7	7	SF	3	E		13		
0052	HOLL	05	2210	2213	2228	S12	E78	7220	07	11.8	18	SF M 1.9	3	E		33		F
0053	HOLL	05	2220	2221	2301	N16	W07	7216	07	5.4	41	SF	3	E		36		F
0054	PALE	05	2248	2249	2306	S10	E82	7220	07	12.1	18	SF	2	E		25		
0055		05	23372	2339	2352	S10	E81	7220	07	12.1	15	SN M 1.4				107		EJT
	VORO	05	2337	2339	2352	S10	E79	7220	07	11.9	15	SF	2	C	2339	54		EJT
	PALE	05	2339	2340U	2340D	S09	E85	7220	07	12.4	1D	1B M 1.4	3	E		218		
	HOLL	05	2339E	2344U	2347D	S11	E80	7220	07	12.0	8D	SF	1	E		50		
0056	HOLL	06	0019E	0019U	0029	N14	W07	7216	07	5.5	10D	SF	2	E		41		
0057	HOLL	06	0033	0035	0044D	N14	W08	7216	07	5.4	11D	SF	2	E		17		
0058		06	01462	01484	0202	S13	E80	7220	07	12.1	16	1F M 3.9				128		DEFHJT
	VORO	06	0146	0148	0209D	S13	E79	7220	07	12.0	23D	1F	2	C	0148	90		EJTH
	LEAR	06	0147	0150	0205	S12	E79	7220	07	12.0	18	1F M 3.9	3	E		140		
	WATU	06	0147	0152	0200	S13	E82	7220	07	12.3	13	SF		C	0152	40		D
	PALE	06	0148	0148	0158D	S12	E77	7220	07	11.9	10D	1F	3	E		187		F
	HOLL	06	0155E	0157U	0158D	S14	E82	7220	07	12.3	3D	1F	1	E		184		F
0059		06	0336	0337E	0350	N16	W10	7216	07	5.4	14	SN C 2.5				52	0.4	EF
	LEAR	06	0336	0337	0404	N15	W11	7216	07	5.3	28	SF C 2.5	3	E		65		F
	WATU	06	0337E	0343	0337	N16	W10	7216	07	5.4	28D	SN		P	0337	40	0.4	E
0060	WATU	06	0518	0519	0520	S13	E73	7220	07	11.7	2	SF		C	0519	20		D
0061	ABST	06	0542	0545	0550U	S14	E80	7220	07	12.3	8U	1N		C	0545	87		D

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/USAF			Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks	
								Region	Mo	Day							Apparent (10-6 Disk)	Corr (Sq Deg)		
0062	KANZ	06	0616E	0616U	0624	S09	E74	7220	07	11.8	8D	SF	2	C						
0063	KANZ	06	0644	0644	0648	S12	E72	7220	07	11.7	4	SF	2	C						
0064	SVTO	06	1236	1238	1305D	S10	E70	7220	07	11.8	29D	SF	2	E			17			
0065	SVTO	06	1342	1346	1409	S10	E69	7220	07	11.7	27	SF	3	E			16		F	
0066		06	15008	15081	1518	N14	W16	7216	07	5.4	18	SF					16		F	
	HOLL	06	1500	1508	1519	N15	W14	7216	07	5.6	19	SF	3	E			21		F	
	RAMY	06	1508	1509	1516	N14	W17	7216	07	5.3	8	SF	3	E			10			
0067		06	16524	16582	1725	N14	W16	7216	07	5.5	33	SF C 4.4					42		F	
	HOLL	06	1652	1700	1732	N14	W16	7216	07	5.5	40	SF C 4.4	3	E			49		F	
	RAMY	06	1654	1659	1718	N15	W16	7216	07	5.5	24	SF	3	E			39		F	
	PALE	06	1656	1658	1714D	N13	W16	7216	07	5.5	18D	SF	3	E			37		F	
0068		06	19151	1918*	1930	S11	E66	7220	07	11.8	15	SN C 2.0					34		K	
	RAMY	06	1915	1918	1927	S12	E66	7220	07	11.8	12	SF C 2.0	3	E			31			
	HOLL	06	1916	1918	1935	S11	E65	7220	07	11.7	19	SB		E			50		K	
	PALE	06	1916	1920	1921	S11	E66	7220	07	11.8	5	SF	3	E			29			
	HOLL	06	1916	1930	1935	S11	E65	7220	07	11.7	19	SF	3	E			27			
0069		06	2005	2008*	2027	S11	E67	7220	07	11.9	22	SF C 2.5					33		FK	
	PALE	06	2005	2008	2027	S11	E67	7220	07	11.9	22	SF		E			44		K	
	PALE	06	2005	2022	2027	S11	E67	7220	07	11.9	22	SF C 2.5	3	E			22		F	
0070	HOLL	06	2109	2112	2117	N15	W15	7216	07	5.7	8	SF	3	E			21			
		06	2303		2306	No Flare Patrol														
		06	2308		2346	No Flare Patrol														
		06	2348		2400	No Flare Patrol														
		07	0000		0007	No Flare Patrol														
0071	WATU	07	0304	0310	0310D	S13	E87	7222	07	13.7	6D	SF		P	0310		20		D	
0072	PALE	07	0329E	0337U	0433D	S11	E80	7222	07	13.2	64D	SF C 3.0	2	E			33			
0073	ABST	07	0608	0612	0620U	S12	E80	7222	07	13.3	12U	1F		C	0612		87		D	
0074	ABST	07	0608	0612	0620	S12	E60	7220	07	11.8	12	SN		C	0612		87	1.9	D	
0075	ISTA	07	0652		0711	S10	E73	7222	07	12.8	19	SF		P					D	
0076		07	06528	0712	0711	S12	E60	7220	07	11.8	19	SN					62	1.3	D	
	ISTA	07	0652		0711	S11	E59	7220	07	11.7	19	SF		P					D	
	KAND	07	0700	0712	0722D	S12	E60	7220	07	11.8	22D	SN		P	0712		62	1.3	D	
0077	ISTA	07	0813		0816	S09	E60	7220	07	11.8	3	1N		P					E	
0078	KAND	07	0835	0841	0905	N15	W27	7216	07	5.3	30	SN		P	0841		42	0.5	E	
0079	KAND	07	1019E		1105D	S12	E60	7220	07	11.9	46D	1N		P	1019		104	2.2	D	
0080	RAMY	07	1120E	1130U	1230	S11	E57	7220	07	11.8	70D	SB M 4.1	2	E			64		F	
0081	KAND	07	1225E		1245	S12	E56	7220	07	11.7	20D	1B		P	1225		125	2.4	E	
0082		07	1305*	1310*	1348	S05	E36	7219	07	10.2	43	SF					48	0.8	EFGK	
	KAND	07	1305	1310	1320	S04	E40	7219	07	10.5	15	SN		P	1310		62	0.8	EG	
	RAMY	07	1305	1333	1406	S07	E31	7219	07	9.9	61	SF	3	E			66		F	
	HOLL	07	1307	1312	1326	S03	E40	7219	07	10.5	19	SF	2	E			34		F	
	HOLL	07	1331	1334	1403	S04	E37	7219	07	10.3	32	SF	3	E			27		F	
	HOLL	07	1331	1347	1403	S04	E37	7219	07	10.3	32	SF		E			54		K	
	KANZ	07	1349E		1353D	S05	E34	7219	07	10.1	4D	SF	2	C						
	SVTO	07	1357	1359	1414D	S06	E34	7219	07	10.1	17D	SF	2	E			45		F	
0083		07	14041	14091	1414	S11	E72	7222	07	13.0	10	SF					37			
	RAMY	07	1404	1410	1414	S11	E71	7222	07	12.9	10	SF	3	E			55			
	HOLL	07	1405	1409	1415	S11	E72	7222	07	13.0	10	SF	3	E			19			

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Grp #	Sta	Start Day	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt Xray	Obs See	Time (UT)	Area Measurement		Remarks	
													Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0084		07 14312	1434	1445	S12	E74	7222	07 13.2	14	SF C 2.9				58		
	HOLL	07 1431	1434	1447	S12	E75	7222	07 13.2	16	SF C 2.9	3	E		50		
	RAMY	07 1433	1434	1443	S13	E72	7222	07 13.0	10	SF		E		67		
0085		07 14313	1438*	1449	S11	E54	7220	07 11.7	18	SF				22	F	
	RAMY	07 1431	1451	1453	S11	E52	7220	07 11.5	22	SF	3	E		26		
	HOLL	07 1434	1438	1445	S11	E56	7220	07 11.8	11	SF	3	E		17	F	
0086	RAMY	07 1512	1521	1532	S11	E51	7220	07 11.5	20	SF	3	E		22		
0087		07 1542*	1607*	1652	S11	E54	7220	07 11.7	70	SF C 3.8				28	F	
	HOLL	07 1542	1607	1644	S11	E56	7220	07 11.9	62	SN	3	E		27		
	RAMY	07 1542	1607	1646	S11	E54	7220	07 11.7	64	SF C 3.8	3	E		46	F	
	PALE	07 1639E	1639U	1655	S11	E54	7220	07 11.7	160	SF	3	E		25		
	RAMY	07 1653	1653	1705	S12	E53	7220	07 11.7	12	SF	3	E		13		
0088		07 17149	17185	1731	S12	E56	7220	07 11.9	17	SF				20	F	
	RAMY	07 1714	1718	1732	S12	E56	7220	07 11.9	18	SF	3	E		22		
	HOLL	07 1723	1723	1730	S11	E55	7220	07 11.9	7	SF	3	E		17	F	
0089		07 1734	1737	1754	S12	E54	7220	07 11.8	20	SN C 2.6				26	EF	
	HOLL	07 1734	1737	1753	S11	E54	7220	07 11.8	19	SN	3	E		33	FE	
	RAMY	07 1734	1737	1756	S12	E54	7220	07 11.8	22	SF C 2.6	3	E		19		
0090		07 17553	18021	1810	S11	E54	7220	07 11.8	15	SF C 2.5				17	F	
	HOLL	07 1755	1802	1812	S11	E54	7220	07 11.8	17	SF	3	E		16	F	
	PALE	07 1758	1803	1809	S11	E55	7220	07 11.9	11	SF C 2.5	4	E		18	F	
0091		07 18011	1805	1824	S11	E71	7222	07 13.1	23	SF				26		
	HOLL	07 1801	1805	1840	S11	E70	7222	07 13.0	39	SF	3	E		24		
	PALE	07 1802	1805	1809	S11	E72	7222	07 13.2	7	SF	4	E		27		
0092		07 1815	1822	1832	S10	E54	7220	07 11.8	17	SF				30	F	
	PALE	07 1815	1822	1830	S10	E54	7220	07 11.8	15	SF	4	E		16	F	
	RAMY	07 1815	1822	1833	S11	E53	7220	07 11.7	18	SF	3	E		43	F	
0093		07 19222	19296	1950	S11	E53	7220	07 11.8	28	SF C 3.0				22	EF	
	RAMY	07 1922	1935	1951	S11	E52	7220	07 11.7	29	SF C 3.0	3	E		30		
	HOLL	07 1924	1929	1949	S11	E53	7220	07 11.8	25	SF	3	E		21	FE	
	PALE	07 1930E	1930U	1944D	S10	E54	7220	07 11.9	14D	SF	3	E		16	F	
0094		07 1927	19271	2018	N15	W31	7216	07 5.5	51	SF C 2.2				61	EF	
	HOLL	07 1927	1927	2027	N15	W32	7216	07 5.4	60	SN C 2.2	3	E		64	FE	
	RAMY	07 1927	1928	2008	N15	W31	7216	07 5.5	41	SF	3	E		47	F	
	PALE	07 1930E	1930U	2012D	N16	W31	7216	07 5.5	42D	SF	3	E		71	F	
0095		07 2156	2157	2210	S10	E50	7220	07 11.7	14	SF C 1.9				24	F	
	HOLL	07 2156	2157	2211	S11	E50	7220	07 11.7	15	SF C 1.9	3	E		25	F	
	PALE	07 2203E	2203U	2208	S10	E51	7220	07 11.7	5D	SF	3	E		23	F	
0096		07 2232	2232	2240	S10	E51	7220	07 11.8	8	SF C 2.2				18	EF	
	PALE	07 2232	2232	2236	S10	E51	7220	07 11.8	4	SF	3	E		20	F	
	HOLL	07 2232	2232	2243	S11	E51	7220	07 11.8	11	SF C 2.2	3	E		17	E	
0097		07 23324	23336	2343	S12	E52	7220	07 11.9	11	SF				36	0.8	EFIJ
	VORO	07 2332	2333	2339	S12	E52	7220	07 11.9	7	SF	2	C	2333	45	0.8	EIJ
	PALE	07 2336	2339	2347	S12	E52	7220	07 11.9	11	SF	3	E		28	F	
0098		07 2350*	2401*	2600	S11	E50	7220	07 11.7	130	SN C 3.4				77	1.3	DEFT
	PALE	07 2350	2611	2721	S10	E49	7220	07 11.7	211	1N	3	E		134	FET	
	HOLL	07 2354	2401	2418	S10	E53	7220	07 12.0	24	SF C 3.4	3	E		20	FE	
	MITK	08 0107	0107	0111	S12	E49	7220	07 11.7	4	SN		C	0107	35	0.6	D
	MITK	08 0115	0124	0128	S12	E50	7220	07 11.8	13	SN		C	0124	85	1.4	D
	MITK	08 0129	0211	0344	S12	E48	7220	07 11.7	135	SB		C	0211	113	1.8	E
0099		08 0348	0355	0416	S12	E48	7220	07 11.8	28	SN				60	0.7	EF
	MITK	08 0348	0355	0416	S12	E48	7220	07 11.8	28	SN		C	0355	42	0.7	E
	PALE	08 0401E	0401U	0436D	S12	E47	7220	07 11.7	35D	SF	3	E		77	F	

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Grp #	Sta	Start Day (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/USAF		CMP	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement		Remarks
							Region	Mo								Day	Apparent (10-6 Disk)	
0100		08 0444*	05147	0524	S12	E46	7220	07	11.7	40	SB					79	1.2	DE
	MITK	08 0444	0521	0523	S12	E46	7220	07	11.7	39	SB			C	0521	71	1.1	E
	ABST	08 0511	0514	0525	S11	E45	7220	07	11.6	14	SN			C	0514	87	1.3	D
0101	MITK	08 0550	0557	0601	S12	E46	7220	07	11.7	11	SN			C	0557	21	0.3	D
0102		08 0611*	0630*	0659	S11	E50	7220	07	12.0	48	SF	C 1.7				11		EFH
	SVTO	08 0611	0655	0714	S11	E47	7220	07	11.8	63	SF	C 1.7	3	E		11		FH
	HURB	08 0628	0630	0642	S13	E55	7220	07	12.4	14	1F			V				E
	KANZ	08 0649E		0701	S10	E47	7220	07	11.8	12D	SF		2	C				
0103	SVTO	08 0731	0737	0745	S11	E42	7220	07	11.5	14	SF		3	E		17		
0104	SVTO	08 0802	0804	0810	S13	E66	7222	07	13.3	8	SF		3	E		12		
0105	ONDR	08 0817	0821	0832U	S11	E64	7222	07	13.2	15U	SF			P	0821	63	1.6	E
0106	SVTO	08 0822	0830	0841	S11	E47	7220	07	11.9	19	SF		3	E		14		F
0107		08 0915*	0922*	1022	S12	E46	7220	07	11.8	67	1N	X 1.2				133	2.4	EF1KZ
	ISTA	08 0915		1015	S12	E47	7220	07	11.9	60	1N			P				FK
	ONDR	08 0920	0922	0926	S11	E43	7220	07	11.6	6	SF			P	0922	71	1.0	EI
	SVTO	08 0945	0948	1042	S11	E46	7220	07	11.9	57	1B	X 1.2	3	E		174		FE
	KAND	08 1000E		1035	S13	E47	7220	07	12.0	35D	2B			P	1000	333	5.2	FZ
	ONDR	08 1014E	1014U	1101U	S13	E44	7220	07	11.7	47U	SF			P	1014	74	1.1	EKI
	SVTO	08 1043	1045	1053	S12	E48	7220	07	12.1	10	SF		3	E		14		F
0108	SVTO	08 1016	1018	1023	S10	E64	7222	07	13.2	7	SF		3	E		14		
0109		08 11202	11221	1137	S12	E44	7220	07	11.8	17	SF	C 2.8				34	0.8	DEFI
	SVTO	08 1120	1122	1137	S11	E45	7220	07	11.8	17	SF	C 2.8	3	E		19		FE
	ONDR	08 1122	1123	1146U	S13	E44	7220	07	11.8	24U	SF			P	1123	49	0.8	DI
0110		08 12037	12073	1215	S11	E42	7220	07	11.7	12	SF					13		DFH
	HURB	08 1203	1207	1216	S12	E40	7220	07	11.5	13	1F			V				D
	SVTO	08 1208	1209	1215	S11	E43	7220	07	11.7	7	SF		3	E		13		FH
	KANZ	08 1210	1210	1214	S11	E43	7220	07	11.7	4	SF		2	C				
0111		08 12082	12142	1222	N14	W42	7216	07	5.3	14	SF					25		F
	SVTO	08 1208	1216	1222	N14	W45	7216	07	5.1	14	SF		3	E		25		F
	KANZ	08 1210	1214	1223	N14	W39	7216	07	5.5	13	SF		2	C				
0112		08 1243*	1245*	1306	S12	E43	7220	07	11.8	23	SF					33	0.7	DFI
	HOLL	08 1243	1245	1306	S11	E43	7220	07	11.8	23	SF		2	E		20		F
	ONDR	08 1258	1300	1306	S12	E43	7220	07	11.8	8	SF			P	1300	46	0.7	DI
0113		08 1407*	1408*	1453	S10	E43	7220	07	11.8	46	SF	C 2.4				49	0.6	DEFIK
	ONDR	08 1407	1408	1414	S11	E42	7220	07	11.7	7	SF			P	1408	42	0.6	DI
	HOLL	08 1414	1415	1505	S10	E43	7220	07	11.8	51	SN	C 2.4	4	E		45		FE
	HOLL	08 1414	1500	1505	S10	E43	7220	07	11.8	51	SN			E		81		K
	SVTO	08 1415	1423	1443	S10	E41	7220	07	11.7	28	SF		3	E		34		F
	KANZ	08 1417	1417	1453	S10	E41	7220	07	11.7	36	SN		2	C				
	KANZ	08 1457	1501	1505	S10	E45	7220	07	12.0	8	SF		2	C				
	SVTO	08 1458	1501	1507	S10	E45	7220	07	12.0	9	SF	C 1.9	3	E		42		F
0114	HOLL	08 1423	1423	1428	S11	E64	7222	07	13.4	5	SF	C 2.7	3	E		13		H
0115	SVTO	08 1522	1522	1528	S09	E44	7220	07	11.9	6	SF	C 1.8	3	E		22		F
		08 1610		1639	No Flare Patrol													
0116	HOLL	08 1630	1631	1640	S11	E63	7222	07	13.4	10	SF	C 3.6	4	E		31		H
		08 1723		2143	No Flare Patrol													
0117	HOLL	08 1859	1908	1927	N13	W46	7216	07	5.3	28	SF		3	E		26		F
0118	HOLL	08 1937	1945	1954	N14	W47	7216	07	5.3	17	SF		3	E		21		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/USAF		CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks	
								Region	Day							Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
			09 2250		2259			No Flare Patrol												
			09 2310		2325			No Flare Patrol												
0137	ISTA	10	0720E		0740D	S12	E20	7220	07	11.8	20D	1N			P					BF
0138	KHAR	10	0815U		0830U	N09	E90	7227	07	17.1	15U	SF		2	V					
0139		10	09409	0950	1002	S10	E37	7222	07	13.2	22	SN	C 1.9				128	1.8		DEFHI
	KHAR	10	0940		0949	S09	E37	7222	07	13.2	9	SF		2	V	0940				DH
	SVTO	10	0941E	0951U	1124D	S08	E37	7222	07	13.2	103D	1N	C 1.9	1	E					F
	KHAR	10	0949	0950	1015	S12	E37	7222	07	13.2	26	SN		2	V	0950				EH
	ONDR	10	0951E	0951U	1004U	S12	E38	7222	07	13.3	13U	SN			P	0951		130	1.8	EI
0140	RAMY	10	1147	1147	1244	S13	E19	7220	07	11.9	57	SF		3	E					18
0141	RAMY	10	1147	1223	1245	S13	E38	7222	07	13.3	58	SF		3	E					18
0142	SVTO	10	1258	1259	1312	S08	E33	7222	07	13.0	14	SF		3	E					11
0143		10	13474	13475	1400	S05	W03	7219	07	10.3	13	SF								12
	RAMY	10	1347	1347	1400	S05	W03	7219	07	10.3	13	SF		3	E					14
	SVTO	10	1351	1352	1400	S05	W03	7219	07	10.3	9	SF		3	E					10
0144	RAMY	10	1349	1353	1355	S12	W28	7224	07	8.5	6	SF		3	E					19
0145		10	14185	14241	1500	S06	W03	7219	07	10.4	42	SF								17
	RAMY	10	1418	1424	1500	S06	W02	7219	07	10.4	42	SF		3	E					19
	SVTO	10	1423	1425	1500	S06	W04	7219	07	10.3	37	SF		3	E					15
0146	RAMY	10	1515	1516	1527	S11	W26	7224	07	8.7	12	SF		3	E					26
0147		10	16173	16233	1644	S12	E34	7222	07	13.2	27	SF	C 1.6							36
	SVTO	10	1617	1625	1644	S12	E34	7222	07	13.2	27	SF		3	E					41
	HOLL	10	1620	1623	1639	S12	E32	7222	07	13.1	19	SF		3	E					42
	RAMY	10	1620	1626	1649	S12	E34	7222	07	13.2	29	SF	C 1.6	3	E					25
	KANZ	10	1625E	1625U	1630D	S11	E34	7222	07	13.2	5D	SF		2	C					
0148	HOLL	10	1650	1650	1712	S12	W29	7224	07	8.5	22	SF		3	E					13
0149		10	1752	1752	1809	S10	E15	7220	07	11.9	17	SF	C 1.2							14
	HOLL	10	1752	1752	1809	S11	E14	7220	07	11.8	17	SF		3	E					12
	PALE	10	1752	1752	1809	S09	E16	7220	07	11.9	17	SF	C 1.2	3	E					16
0150		10	1847*	19051	1916	S12	E15	7220	07	11.9	29	SF	C 1.9							20
	HOLL	10	1847	1906	1924	S13	E15	7220	07	11.9	37	SF	C 1.9	3	E					28
	PALE	10	1859	1905	1909	S11	E15	7220	07	11.9	10	SF		3	E					12
0151		10	19081	19091	1919	N15	W74	7216	07	5.2	11	SF								14
	HOLL	10	1908	1909	1922	N15	W74	7216	07	5.2	14	SF		3	E					14
	PALE	10	1909	1910	1916	N15	W73	7216	07	5.3	7	SF		3	E					14
0152		10	19482	19553	2012	S12	E32	7222	07	13.2	24	SF	C 2.0							24
	HOLL	10	1948	1958	2015	S12	E32	7222	07	13.2	27	SF		3	E					36
	PALE	10	1950	1955	2010	S11	E33	7222	07	13.3	20	SF	C 2.0	3	E					13
0153		10	20281	2030	2040	S11	E13	7220	07	11.8	12	SF	C 2.7							27
	HOLL	10	2028	2030	2041	S11	E12	7220	07	11.7	13	SN		3	E					29
	RAMY	10	2029	2030	2038	S11	E13	7220	07	11.8	9	SF	C 2.7	3	E					20
	PALE	10	2031E	2031U	2046D	S10	E13	7220	07	11.8	15D	SF		3	E					33
			10 2057		2100	No Flare Patrol														
			10 2111		2119	No Flare Patrol														
			10 2128		2129	No Flare Patrol														
0154	HOLL	10	2130E	2154U	2221D	N14	W74	7216	07	5.3	51D	SF	C 5.8	2	E					40
			10 2133		2152	No Flare Patrol														
0155	LEAR	10	2339	2517	2616	S13	E12	7220	07	11.9	157	1F		3	E					100

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Grp #	Sta	Start Day (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks		
															Apparent (10-6 Disk)	Corr (Sq Deg)			
		10 2342		2400			No Flare Patrol												
0156		10 2345	2352*	2513	S12	E21	7222	07	12.6	88	SN	C	7.0			69		EFKT	
	HOLL	10 2342E	2358U	2428D	S11	E17	7222	07	12.3	46D	SN			2	E	71		FE	
	HOLL	10 2342E	2411	2428D	S11	E17	7222	07	12.3	46D	SN				E	85		K	
	LEAR	10 2345	2517	2616	S12	E20	7222	07	12.5	151	SF			3	E	90		T	
	HOLL	10 2347	2352	2410	S12	E30	7222	07	13.2	23	SF	C	7.0	2	E	31		FE	
		11 0000		0011			No Flare Patrol												
		11 0115		0126			No Flare Patrol												
		11 0134		0142			No Flare Patrol												
0157	LEAR	11 0234	0240	0315	S13	E20	7222	07	12.6	41	SF	C	2.4	3	E		30		
		11 0237		0254			No Flare Patrol												
0158	LEAR	11 0238	0240	0259	S08	W10	7219	07	10.3	21	SF			3	E		28		
0159	LEAR	11 0428	0429	0435	N10	W77	7216	07	5.4	7	SF	C	6.0	3	E		37		
0160	SVTO	11 0743	0743	0807	S10	E09	7220	07	12.0	24	SF			3	E		10		F
0161		11 0812*	0832*	0901	S11	E08	7220	07	11.9	49	SF	C	2.0				37		F
	SVTO	11 0812	0845	0913	S09	E09	7220	07	12.0	61	SF			3	E		34		
	LEAR	11 0828	0832	0858	S11	E06	7220	07	11.8	30	SF	C	2.0	3	E		40		
	ISTA	11 0836E		0853	S12	E08	7220	07	12.0	17D	1N				P				F
0162		11 1145	1148	1219	S11	E08	7220	07	12.1	34	SN						81	1.2	F
	HTPR	11 1145	1148	1215	S12	E06	7220	07	11.9	30	SN				C	1148	120	1.2	
	SVTO	11 1147	1149	1223	S10	E09	7220	07	12.2	36	SF			3	E		42		F
0163	SVTO	11 1227	1229	1300D	S09	E61	7225	07	16.1	33D	SF			3	E		37		F
0164	SVTO	11 1402	1404	1428	S10	E19	7222	07	13.0	26	SF			3	E		14		F
0165	HTPR	11 1517	1525	1545	S12	E02	7220	07	11.8	28	SN				C	1525	90	0.9	E
0166	SVTO	11 1559	1600	1606	S11	E03	7220	07	11.9	7	SF			2	E		23		F
0167	SVTO	11 1559	1603	1628	S09	E12	7222	07	12.6	29	SF			2	E		28		F
0168	HOLL	11 1919	1922	1932	S12	E19	7222	07	13.2	13	SF	C	1.6	3	E		11		F
		11 2251		2253			No Flare Patrol												
		11 2301		2305			No Flare Patrol												
		11 2342		2400			No Flare Patrol												
		12 0000		0005			No Flare Patrol												
0169		12 0256	0257	0312	S04	W32	7219	07	9.7	16	SN	C	1.2				44	0.4	E
	LEAR	12 0256	0257	0319	S05	W26	7219	07	10.2	23	SF	C	1.2	3	E		59		
	WATU	12 0256	0300	0305	S02	W38	7219	07	9.3	9	SN				C	0300	30	0.4	E
0170		12 0351	0401	0412	S12	E14	7222	07	13.2	21	SF	C	1.8				19		FH
	LEAR	12 0351	0401	0414	S12	E14	7222	07	13.2	23	SF	C	1.8	3	E		25		
	PALE	12 0400	0405	0411	S11	E15	7222	07	13.3	11	SF			3	E		13		FH
0171		12 0617*	0644	0700	S13	W06	7220	07	11.8	43	SN	C	1.9				14	0.1	DF
	SVTO	12 0617	0646U	0742D	S15	W03	7220	07	12.0	85D	SF			2	E		19		F
	WATU	12 0639	0644	0649	S12	W07	7220	07	11.7	10	SN				C	0644	10	0.1	D
	LEAR	12 0639	0644	0655	S14	W06	7220	07	11.8	16	SF	C	1.9	3	E		12		F
	ISTA	12 0649E		0715	S12	W07	7220	07	11.7	26D	SN				P				D
0172	SVTO	12 0822	0823	0828	S13	W05	7220	07	12.0	6	SF	C	1.8	3	E		21		F
0173	SVTO	12 0917	0920	0924	N26	E69	7229	07	17.7	7	SF			3	E		32		
0174	SVTO	12 0927	0933	0949	S14	W06	7220	07	11.9	22	SF	C	2.6	3	E		22		F

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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)		
0175		12 1306	1306	1330	S12	W08	7220	07 11.9	24	SF				34		F
	SVTO	12 1234E	1242U	1307	S14	W08	7220	07 11.9	33D	SF	3	E		48		F
	RAMY	12 1306	1306	1354	S11	W09	7220	07 11.9	48	SF	3	E		20		F
0176	SVTO	12 1235E	1251U	1310	S14	W01	7222	07 12.4	35D	SF	3	E		13		
0177	SVTO	12 1315	1342	1353D	S10	E06	7222	07 13.0	38D	SF	3	E		17		F
0178	SVTO	12 1403	1410	1422	S11	W09	7220	07 11.9	19	SF	3	E		29		F
0179	RAMY	12 1421	1429	1433	S09	E01	7222	07 12.7	12	SF	3	E		13		
0180		12 18501	1852	1907	S06	W32	7219	07 10.4	17	SF C 2.8				16		F
	PALE	12 1850	1852	1908	S05	W32	7219	07 10.4	18	SF C 2.8	3	E		20		
	HOLL	12 1851	1852	1906	S06	W33	7219	07 10.3	15	SF	2	E		11		F
0181		12 19097	19166	1956	S15	W11	7220	07 12.0	47	SF				32		FH
	RAMY	12 1909	1916	2002	S16	W12	7220	07 11.9	53	SF	3	E		28		F
	HOLL	12 1909	1921	2003	S15	W11	7220	07 12.0	54	SF	2	E		44		FH
	PALE	12 1916	1922	1943	S13	W11	7220	07 12.0	27	SF	3	E		24		F
		12 2045		2101	No Flare Patrol											
		12 2103		2106	No Flare Patrol											
		12 2113		2128	No Flare Patrol											
		12 2241		2252	No Flare Patrol											
		12 2254		2305	No Flare Patrol											
		12 2341		2400	No Flare Patrol											
		13 0000		0001	No Flare Patrol											
0182	ONDR	13 0553E	0553U	0601	S15	W18	7220	07 11.9	8D	SF		P	0553	71	0.8	DI
0183		13 0634	0638	0642	S10	W01	7222	07 13.2	8	SF C 1.7				56	1.1	EFI
	SVTO	13 0633E	0639U	0644D	S12	W01	7222	07 13.2	11D	SF C 1.7	2	E		12		F
	KANZ	13 0634	0638	0642	S09	W02	7222	07 13.1	8	SF	2	C				
	ONDR	13 0637E	0638	0642	S10	W01	7222	07 13.2	5D	SF		P	0638	99	1.1	EI
0184		13 0646	06468	0656	S10	W10	7222	07 12.5	10	SF				37	0.7	EFI
	LEAR	13 0646	0646	0651	S09	W10	7222	07 12.5	5	SF	3	E		11		F
	KANZ	13 0646	0654	0702	S11	W10	7222	07 12.5	16	SF	2	C				
	ONDR	13 0654E	0654U	0657U	S10	W10	7222	07 12.5	3U	SF		P	0654	63	0.7	EI
0185		13 0714	0717	0721	S13	W14	7220	07 12.2	7	SF C 1.8				50		EF
	LEAR	13 0714	0717	0721	S13	W15	7220	07 12.2	7	SF C 1.8	3	E		50		FE
	KANZ	13 0716E	0716U	0720D	S13	W14	7220	07 12.2	4D	SF	2	C				
0186		13 0801	0805	0818	S08	W04	7222	07 13.0	17	SN C 7.6				52		EF
	LEAR	13 0801	0805	0820	S09	W06	7222	07 12.9	19	SN C 7.6	3	E		52		FE
	KANZ	13 0805E	0805U	0817	S08	W03	7222	07 13.1	12D	SF	2	C				
0187		13 09233	09282	0957D	S10	W12	7222	07 12.5	34D	1B C 4.3				149	2.1	EFIK
	ONDR	13 0923	0930	0955U	S09	W12	7222	07 12.5	32U	1B		P	0930	198	2.1	EIK
	SVTO	13 0926	0928	0957D	S10	W11	7222	07 12.6	31D	1N C 4.3	3	E		100		F
0188	RAMY	13 1149	1156	1204	S11	W22	7220	07 11.8	15	SF	3	E		25		
0189	RAMY	13 1149	1203	1217	S10	W05	7222	07 13.1	28	SF	3	E		33		F
0190	RAMY	13 1159	1205	1208	N22	E54	7229	07 17.6	9	SF	3	E		12		
0191	RAMY	13 1242	1243	1253	S12	W23	7220	07 11.8	11	SF	3	E		34		
0192	RAMY	13 1305	1307	1318	N22	E53	7229	07 17.6	13	SF	3	E		12		F
0193	RAMY	13 1330	1340	1346	N21	E53	7229	07 17.6	16	SF	3	E		13		F
0194	SVTO	13 1434	1439U	1514D	N26	E53	7229	07 17.7	40D	SF	2	E		36		F
0195	HOLL	13 1544	1550	1556	S12	W25	7220	07 11.8	12	SF	3	E		34		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/	CMP	Dur	Imp	Obs	Area Measurement			Remarks	
								USAF Region					Mo	Day	Time (UT)		Apparent (10-6 Disk)
0196		13	1544*	16071	1630	S08	W08	7222	07	13.0	46	SF C 1.3			71		FH
	HOLL	13	1544	1608	1646	S07	W08	7222	07	13.0	62	SF	3	E	96		FH
	RAMY	13	1606	1607	1614	S07	W08	7222	07	13.1	8	SF C 1.3	3	E	57		
	SVTO	13	1606E	1608U	1620D	S08	W08	7222	07	13.1	14D	SF	2	E	60		F
	KANZ	13	1612E		1618D	S08	W08	7222	07	13.1	6D	SF	2	C			
		13	1628		1656	No Flare Patrol											
0197	HOLL	13	1652	1655	1700	S15	W24	7220	07	11.9	8	SF	3	E	31		F
0198		13	16581	1659	1704	S10	W12	7222	07	12.8	6	SF			24		
	HOLL	13	1658	1659	1705	S09	W16	7222	07	12.5	7	SF	3	E	31		
	PALE	13	1659	1659	1702	S11	W08	7222	07	13.1	3	SF	3	E	16		
0199	HOLL	13	1720	1720	1725	S14	W26	7220	07	11.7	5	SF C 2.1	3	E	15		F
0200	PALE	13	1812	1818	1824	S21	E02	7226	07	13.9	12	SF	3	E	18		F
0201	HOLL	13	1839	1847	1852	S11	W13	7222	07	12.8	13	SF	3	E	19		F
0202	PALE	13	1905	1905	1922	S09	W13	7222	07	12.8	17	SF C 1.9	3	E	14		F
0203		13	19151	19161	1925	N24	E51	7229	07	17.7	10	SF			22		F
	PALE	13	1915	1917	1925	N25	E53	7229	07	17.9	10	SF	3	E	23		
	HOLL	13	1916	1916	1925	N23	E49	7229	07	17.6	9	SF	3	E	22		F
0204	HOLL	13	1948	1948	2012	S10	W27	7220	07	11.8	24	SF	3	E	16		F
		13	1954		2003	No Flare Patrol											
0205		13	2005	2013	2051	S04	W50	7219	07	10.1	46	2N C 7.3			244		EFH
	PALE	13	2005E	2012U	2047D	S04	W49	7219	07	10.2	42D	2N	3	E	250		F
	HOLL	13	2005	2013	2051	S05	W50	7219	07	10.1	46	1N C 7.3	3	E	239		EH
		13	2015		2041	No Flare Patrol											
0206	HOLL	13	2034	2035	2044	S23	E00	7226	07	13.8	10	SF	3	E	19		
		13	2048		2129	No Flare Patrol											
0207	HOLL	13	2118	2121	2133	S10	W31	7220	07	11.5	15	1N C 4.7	3	E	109		EH
0208		13	2150	21544	2210	S10	W20	7222	07	12.4	20	SF C 2.7			62	0.9	EFIJT
	VORO	13	2150	2154	2210	S10	W20	7222	07	12.4	20	SF	2	C	2154	0.9	EIJT
	HOLL	13	2150	2158	2210	S09	W19	7222	07	12.5	20	SF C 2.7	3	E	42		FE
0209	HOLL	13	2206	2235	2257	S10	W27	7220	07	11.9	51	SF	3	E	44		F
0210	HOLL	13	2211	2215	2218	S23	W01	7226	07	13.8	7	SF	3	E	19		F
0211		13	22282	22294	2246	S22	E01	7226	07	14.0	18	SF C 3.1			44	0.7	DEFIJT
	HOLL	13	2228	2229	2248	S23	W01	7226	07	13.8	20	SF C 3.1	3	E	25		FE
	VORO	13	2230	2233	2243	S22	E03	7226	07	14.2	13	SF	2	C	2233	0.7	DIJT
0212		14	00013	0004	0024	S22	E01	7226	07	14.1	23	SF C 2.1			106	1.5	EIJT
	VORO	14	0001	0004	0017	S22	E03	7226	07	14.2	16	SF	2	C	0004	1.5	EIJT
	LEAR	14	0004	0004	0030	S21	W01	7226	07	13.9	26	SF C 2.1	3	E	79		
0213		14	00541	00562	0115	N25	E49	7229	07	17.8	21	SF			61		FH
	LEAR	14	0054	0056	0121	N27	E52	7229	07	18.1	27	SF	3	E	72		FH
	HOLL	14	0055	0058	0109	N23	E46	7229	07	17.6	14	SF	3	E	50		
0214		14	0113	01172	0134	S10	W32	7220	07	11.6	21	SF			46	0.9	EFIJT
	LEAR	14	0113	0119	0139	S09	W33	7220	07	11.6	26	SF	3	E	20		F
	VORO	14	0116U	0117	0128	S12	W32	7220	07	11.6	12U	SF	2	C	0117	0.9	EIJT
0215	LEAR	14	0249	0249	0258	S11	W15	7222	07	13.0	9	SF C 1.3	3	E	29		
0216	SVTO	14	0505	0505	0523	S14	W75		07	8.5	18	SF	3	E	13		

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																Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0217	KANZ	14	0704	0708	0716	S12	W13	7222	07	13.3	12	SF		2	C					
0218	SVTO	14	0704	0708	0719	S24	W07	7226	07	13.7	15	SF C	1.3	3	E		10			
0219		14	0832	0832	0839	S10	W37	7220	07	11.6	7	SN					141	1.9	EI	
	KANZ	14	0832	0832	0840	S11	W36	7220	07	11.6	8	SF		2	C					
	ONDR	14	0834E	0834U	0838	S10	W38	7220	07	11.5	4D	SN			P	0834	141	1.9	EI	
0220	KHAR	14	0842U		0858D	S07	W59		07	9.9	16U	1F		1	V	0845				EH
0221		14	08542	08551	0906	S08	W18	7222	07	13.0	12	SF					85	0.9	DI	
	KHAR	14	0854	0855	0858U	S07	W17	7222	07	13.1	4U	SN		2	V	0855				D
	KANZ	14	0856	0856	0912	S08	W18	7222	07	13.0	16	SF		2	C					
	ONDR	14	0858E	0858U	0900	S08	W18	7222	07	13.0	2D	SF			P	0858	85	0.9	DI	
0222		14	0908	09081	0915	S07	W55		07	10.3	7	SF					21			
	KANZ	14	0908	0908	0912	S06	W54		07	10.3	4	SF		2	C					
	SVTO	14	0908	0909	0918	S08	W56		07	10.2	10	SF		3	E					
0223		14	0924	0924	0935	S06	W56		07	10.2	11	1F								B
	KANZ	14	0924	0924	0932	S06	W54		07	10.3	8	SF		2	C					
	KHAR	14	0927E		0938	S05	W57		07	10.1	11D	1F		2	V	0927				B
0224		14	09553	09574	1024	S06	W55		07	10.3	29	SF C	1.8				148	4.7	FOT	
	SVTO	14	0955	0957	1027	S08	W55		07	10.3	32	SF C	1.8	3	E		67			F
	KANZ	14	0956	1000	1020	S06	W54		07	10.4	24	SF		2	C					
	KHAR	14	0958	1001	1025	S05	W57		07	10.1	27	1N		2	V	1001	230	4.7	OT	
0225	KHAR	14	1012	1014	1021	S07	W17	7222	07	13.1	9	SN		2	V	1014	30	0.3	DH	
0226		14	10128	10226	1110	N21	E42	7229	07	17.6	58	1N M	1.0				204	5.2	EF	
	KANZ	14	1012	1028	1152D	N23	E42	7229	07	17.7	100D	1F		2	C					
	KHAR	14	1020	1022	1110	N23	E44	7229	07	17.8	50	1N		2	V	1022	340	5.2	E	
	KANZ	14	1020	1024	1152D	N17	E41	7229	07	17.5	92D	SF		2	C					
	RAMY	14	1034E	1034U	1159D	N20	E41	7229	07	17.6	85D	SN M	1.0	3	E		69			F
0227		14	1203*	1203*	1241	S12	W18	7222	07	13.1	38	1N M	2.7				70			FZ
	RAMY	14	1203	1203	1216	S11	W19	7222	07	13.1	13	SF		3	E		13			F
	KANZ	14	1217	1225	1310	S12	W17	7222	07	13.2	53	1F		2	C					
	SVTO	14	1218	1219U	1219D	S13	W21	7222	07	12.9	1D	1N M	2.7	3	E		113			F
	HURB	14	1223	1227	1238	S13	W19	7222	07	13.1	15	2N			V					
	HOLL	14	1233E	1233U	1320D	S13	W16	7222	07	13.3	47D	SN		1	E		84			ZF
0228		14	12348	12388	1254	S12	W31	7220	07	12.2	20	SF					20			
	KANZ	14	1234	1238	1250	S11	W28	7220	07	12.4	16	SF		2	C					
	SVTO	14	1242	1246	1257	S13	W34	7220	07	12.0	15	SF		3	E					
0229		14	1244*	1251*	1324	S23	W09	7226	07	13.8	40	SF					16			F
	RAMY	14	1244	1256	1318	S24	W08	7226	07	13.9	34	SF		3	E		20			
	SVTO	14	1250	1251	1322	S23	W10	7226	07	13.8	32	SF		3	E		10			
	RAMY	14	1319	1319	1332	S23	W09	7226	07	13.9	13	SF		3	E		17			F
0230	HOLL	14	1513	1516	1526	N25	E39	7229	07	17.6	13	SF		3	E		22			
0231		14	1528	15307	1610	S23	W10	7226	07	13.9	42	SF C	3.9				70			EF
	RAMY	14	1528	1530	1605	S22	W11	7226	07	13.8	37	SF		3	E		38			
	SVTO	14	1528	1530	1612	S24	W09	7226	07	13.9	44	SF		3	E		36			F
	HOLL	14	1528	1537	1613	S22	W11	7226	07	13.8	45	1N C	3.9	4	E		135			FE
0232		14	1622*	1646	1704	N26	E38	7229	07	17.6	42	SF					37			F
	HOLL	14	1622	1646	1720	N25	E38	7229	07	17.6	58	SF		3	E		62			F
	RAMY	14	1644	1646	1655	N25	E39	7229	07	17.7	11	SF		3	E		27			F
	SVTO	14	1645	1646	1658	N27	E38	7229	07	17.6	13	SF		3	E		22			
0233		14	1655	16572	1716	S12	W18	7222	07	13.3	21	SF C	4.1				54			EF
	SVTO	14	1655	1657	1710	S13	W18	7222	07	13.3	15	SF		3	E		72			F
	RAMY	14	1655	1657	1718	S12	W18	7222	07	13.3	23	SF C	4.1	3	E		61			F
	HOLL	14	1655	1659	1716	S12	W18	7222	07	13.3	21	SN		3	E		69			FE
	PALE	14	1709E	1709U	1720	S12	W17	7222	07	13.4	11D	SF		3	E		14			

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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)	
0234	PALE	14	1711	1722	1807	S22	W12	7226	07 13.8	56	SF	3	E		38		
0235		14	1747	1748	1824	S09	W31	7222	07 12.4	37	1N C 6.0				92		EF
	RAMY	14	1747	1748	1805	S10	W31	7222	07 12.4	18	SF	3	E		55		F
	PALE	14	1747	1749	1833	S09	W31	7222	07 12.4	46	1N	3	E		113		F
	HOLL	14	1747	1749	1835	S09	W32	7222	07 12.3	48	1B C 6.0	3	E		109		FE
0236		14	1813	1813	1823	S13	W21	7222	07 13.2	10	SF C 2.3				12		
	PALE	14	1813	1813	1822	S13	W21	7222	07 13.2	9	SF	3	E		11		
	RAMY	14	1813	1814	1824	S13	W21	7222	07 13.2	11	SF C 2.3	3	E		13		
0237		14	1838	1838	1848	S08	W31	7222	07 12.4	10	SF C 3.3				43		FH
	HOLL	14	1838	1838	1846	S08	W31	7222	07 12.4	8	SF	3	E		37		FH
	PALE	14	1838	1840	1848	S09	W31	7222	07 12.4	10	SN	3	E		44		F
	RAMY	14	1838	1841	1849	S08	W31	7222	07 12.4	11	SF C 3.3	3	E		47		FH
		14	2134		2250	No Flare Patrol											
0238	HOLL	14	2207	2228	2302	S11	W38	7220	07 12.1	55	SF C 3.8	3	E		94		F
0239	HOLL	14	2231	2235	2248	N09	E32	7227	07 17.3	17	SF	3	E		23		
		14	2252		2305	No Flare Patrol											
0240	HOLL	14	2301	2343	2357	S11	W26	7222	07 13.0	56	SF	3	E		28		F
0241	HOLL	14	2318	2323	2329	S24	W14	7226	07 13.9	11	SF	3	E		23		F
		14	2332		2400	No Flare Patrol											
		15	0000		0004	No Flare Patrol											
0242	HOLL	15	0038	0039	0106	S10	W37	7220	07 12.2	28	SF C 1.7	3	E		37		F
0243	WATU	15	0200	0201	0209	S09	W35	7222	07 12.4	9	SN		C	0201	80	1.1	E
0244		15	0431	0436	0444	S10	W39	7222	07 12.2	16	SN C 6.4		C	0436	50	0.8	DEFH
	WATU	15	0431	0436	0444	S10	W38	7222	07 12.3	13	SB		C	0436	80	1.1	E
	SVTO	15	0432E	0437U	0452	S12	W41	7222	07 12.1	20D	SN C 6.4	1	E		38		FH
	URUM	15	0435	0437	0444	S09	W39	7222	07 12.3	9	SN		C		32	0.4	D
0245	SVTO	15	0442	0505	0522	S25	W16	7226	07 13.9	40	1F C 3.0	2	E		114		FZ
0246	SVTO	15	0455	0516	0524	S13	W32	7222	07 12.8	29	SF	2	E		12		F
0247	SVTO	15	0514	0515	0524	N27	E31	7229	07 17.6	10	SF	2	E		19		
0248	HTPR	15	0600	0605	0620	S24	W20	7226	07 13.7	20	SF		C	0605	125	1.4	
0249		15	0627	0630	0700	S14	E56	7230	07 19.5	33	SF				91		EFK
	SVTO	15	0627	0630	0703	S14	E55	7230	07 19.4	36	SF		E		72		K
	HTPR	15	0627	0636	0655	S15	E58	7230	07 19.6	28	1N		C	0636	140		E
	SVTO	15	0627	0639	0703	S14	E55	7230	07 19.4	36	SF	3	E		62		F
0250	SVTO	15	0637	0645	0651	S24	W18	7226	07 13.9	14	SF C 2.5	3	E		12		F
0251		15	0654	0705	0733	S22	W18	7226	07 13.9	39	SN				52	1.0	E
	SVTO	15	0654	0705	0746	S22	W18	7226	07 13.9	52	SF	3	E		14		
	HTPR	15	0700	0710	0720	S22	W18	7226	07 13.9	20	SN		C	0710	90	1.0	E
0252	LEAR	15	0836	0843	0907	S21	W21	7226	07 13.7	31	SF C 1.4	3	E		50		F
0253	SVTO	15	0947	0949	0957	S24	W19	7226	07 13.9	10	SF C 1.7	3	E		15		

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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	See	Obs Type	Time (UT)	Area Measurement		Remarks	
																	Apparent (10-6 Disk)	Corr (Sq Deg)		
0254	15	1013*	1024*	1118	S09	W41	7222	07	12.3	65	1N	C	7.0			129	2.1	EHIK		
	SVTO	15	1013	1024	1125	S10	W41	7222	07	12.3	72	1N				151		K		
	SVTO	15	1013	1052	1125	S10	W41	7222	07	12.3	72	1N		3	E	116		EH		
	HTPR	15	1046	1053	1117	S08	W43	7222	07	12.2	31	1N			C	1053	230	3.2	E	
	ISTA	15	1049E		1115	S09	W42	7222	07	12.3	26D	2B			P				I	
	URUM	15	1049E	1051	1109	S09	W43	7222	07	12.2	20D	SN			C		48	0.7	E	
	ONDR	15	1054E	1055	1116	S09	W38	7222	07	12.6	22D	1B			P	1055	180	2.5	EI	
	RAMY	15	1113	1113	1118	S09	W42	7222	07	12.3	5	SF	C	7.0	3	E	47			
0255	RAMY	15	1131	1135	1154	S23	W20	7226	07	13.9	23	SF			3	E	17		F	
0256	15	11395	1146*	1205	S13	W26	7222	07	13.5	26	SF					63	1.3	EFH		
	RAMY	15	1139	1201	1216	S12	W28	7222	07	13.4	37	SF			3	E	16		FH	
	HTPR	15	1141	1146	1205	S14	W28	7222	07	13.4	24	SF			C	1146	110	1.3		
	ISTA	15	1144		1153	S12	W22	7222	07	13.8	9	SN			P				EF	
0257	HOLL	15	1327	1329	1412D	S23	W23	7226	07	13.8	45D	SF			2	E	45		F	
0258	SVTO	15	1420	1420	1425	S12	W34	7222	07	13.0	5	SF			3	E	12			
0259	SVTO	15	1428	1428	1443	S12	W34	7222	07	13.0	15	SF			3	E	11			
0260	15	1457*	1458*	1526	S11	W40	7222	07	12.6	29	SF	C	2.8			37	1.1	DF		
	SVTO	15	1457	1458	1520	S12	W41	7222	07	12.5	23	SF			3	E	16			
	HOLL	15	1459E	1459	1525	S11	W40	7222	07	12.6	26D	SF	C	2.8	3	E	41			
	HTPR	15	1500	1515	1520	S10	W43	7222	07	12.4	20	SF			C	1515	80	1.1	D	
	SVTO	15	1524	1535	1540	S12	W37	7222	07	12.8	16	SF			3	E	10		F	
0261	HTPR	15	1607	1610	1617	N24	E30	7229	07	18.0	10	SF			C	1610	100	1.2	DH	
0262	15	1718*	1723*	1749	S12	W35	7222	07	13.1	31	SF	C	2.0			70	1.3	EF		
	HTPR	15	1718	1727	1750	S12	W37	7222	07	12.9	32	SF			C	1727	100	1.3	E	
	HOLL	15	1721	1723	1740	S12	W33	7222	07	13.2	19	SF	C	2.0	3	E	73		FE	
	PALE	15	1739	1742	1758	S13	W36	7222	07	13.0	19	SF			3	E	37			
0263	PALE	15	1739	1741	1746	S24	W23	7226	07	13.9	7	SF			3	E	17			
0264	15	18132	18173	1832	S24	W24	7226	07	13.9	19	SF	C	2.1			39		F		
	PALE	15	1813	1820	1833	S24	W24	7226	07	13.9	20	SF	C	2.1	3	E	36		F	
	HOLL	15	1814	1818	1822	S23	W25	7226	07	13.8	8	SF			2	E	34		F	
	RAMY	15	1815	1817	1841	S24	W24	7226	07	13.9	26	SF			3	E	48		F	
0265	PALE	15	2044	2044	2056	S15	W52	7220	07	11.9	12	SF			3	E	15			
0266	HOLL	15	2117	2125	2127	S14	E46	7230	07	19.4	10	SF			3	E	16			
0267	15	21381	2141	2200	S13	W38	7222	07	13.0	22	SF	C	2.7			30		F		
	HOLL	15	2138	2141	2157	S13	W38	7222	07	13.0	19	SF			3	E	34		F	
	PALE	15	2139	2141	2204	S13	W39	7222	07	12.9	25	SF	C	2.7	3	E	25		F	
0268	15	21401	21412	2150	S23	W26	7226	07	13.9	10	SF					28		F		
	PALE	15	2140	2141	2151	S23	W25	7226	07	14.0	11	SF			3	E	34		F	
	HOLL	15	2141	2143	2150	S23	W26	7226	07	13.9	9	SF			3	E	22			
0269	15	2204	2205	2212	S16	W54	7220	07	11.8	8	SF					20				
	HOLL	15	2204	2205	2211	S15	W54	7220	07	11.8	7	SF			3	E	16			
	PALE	15	2204	2205	2213	S16	W53	7220	07	11.9	9	SF			3	E	24			
	15	2333		2335	No Flare Patrol															
	15	2339		2400	No Flare Patrol															
	16	0000		0009	No Flare Patrol															
	16	0020		0028	No Flare Patrol															
0270	WATU	16	0110	0111	0114	S11	W41	7222	07	13.0	4	SN			C	0111	70	1.0	E	
0271	PALE	16	0138	0139	0145	S23	W31	7226	07	13.7	7	SF			3	E	20			
0272	16	01536	0200	0214	S14	W56	7220	07	11.8	21	SF	C	1.8			22				
	PALE	16	0153	0200	0224	S14	W56	7220	07	11.8	31	SF	C	1.8	3	E	32			
	LEAR	16	0159	0200	0204	S13	W56	7220	07	11.8	5	SF			3	E	13			

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/USAF		Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
								Region	Mo Day							Apparent (10-6 Disk)	Corr (Sq Deg)	
0273		16	02593	03032	0330	S22	W28	7226	07	14.0	31	SF C 1.9				35		F
	PALE	16	0259	0305	0333	S22	W29	7226	07	13.9	34	SF C 1.9	3	E		47		
	LEAR	16	0302	0303	0326	S21	W28	7226	07	14.0	24	SF		E		23		F
0274		16	03587	0406	0418	N25	E20	7229	07	17.7	20	SN				30	0.5	EF
	TACH	16	0358	0405U	0424	N25	E20	7229	07	17.7	26	SB	3	C	0405	43	0.5	E
	PALE	16	0405	0406	0413	N25	E20	7229	07	17.7	8	SF	3	E		17		F
0275		16	0418	0419	0432D	S23	W32	7226	07	13.7	14D	SF				36		
	PALE	16	0418	0419	0424D	S23	W32	7226	07	13.7	6D	SF	3	E		33		
	SVTO	16	0429E	0430U	0432D	S23	W32	7226	07	13.7	3D	SF	1	E		40		
0276	SVTO	16	0459	0519	0525	N23	E20	7229	07	17.7	26	SF	3	E		13		
0277	SVTO	16	0522	0524	0528	S24	W33	7226	07	13.7	6	SF	3	E		14		
0278	SVTO	16	0621	0634	0644	S15	W58	7220	07	11.9	23	SF	3	E		36		
0279		16	0635	06352	0642	S12	W40	7222	07	13.3	7	SF				24		
	SVTO	16	0635	0635	0642	S14	W40	7222	07	13.2	7	SF	3	E		16		
	LEAR	16	0635	0637	0643	S11	W39	7222	07	13.3	8	SF	3	E		31		
0280		16	08571	08582	0904	S13	W44	7222	07	13.0	7	SN C 2.6				86	1.8	EHI
	HTPR	16	0857	0900	0906	S13	W40	7222	07	13.3	9	SN		C	0900	110	1.5	EH
	SVTO	16	0858	0858	0903	S14	W41	7222	07	13.3	5	SF C 2.6	3	E		22		
	ONDR	16	0900E	0900U	0903D	S11	W52	7222	07	12.5	3D	1N		P	0900	127	2.2	EI
0281		16	0923	09261	0936	S13	E42	7230	07	19.6	13	SN C 1.7				56	1.4	D
	HTPR	16	0923	0926	0935	S14	E43	7230	07	19.6	12	SN		C	0926	90	1.4	D
	SVTO	16	0923	0927	0938	S12	E41	7230	07	19.5	15	SF C 1.7	3	E		21		
0282	HTPR	16	1026	1028	1033	S13	W38	7222	07	13.6	7	SN		C	1028	80	1.3	D
0283	HTPR	16	1250	1253	1310	N23	E60	7232	07	21.1	20	1N		C	1253	100		
0284	HOLL	16	1444	1444	1455	S21	W38	7226	07	13.7	11	SF	3	E		20		F
0285		16	16022	16041	1610	S14	W57	7220	07	12.4	8	SN C 1.2				53	1.5	EF
	HTPR	16	1602	1604	1610	S13	W57	7220	07	12.4	8	SN		C	1604	80	1.5	E
	HOLL	16	1604	1605	1611	S14	W57	7220	07	12.4	7	SF C 1.2	3	E		26		F
0286		16	16551	16572	1720	S10	W63	7220	07	12.0	25	2B M 6.8				351		FU
	RAMY	16	1655	1657	1722	S13	W67	7220	07	11.6	27	2B	3	E		432		UF
	HTPR	16	1655	1658	1710D	S07	W60	7220	07	12.2	15D	2B		C	1658	400		
	RAMY	16	1656	1657	1713	S09	W60	7220	07	12.2	17	1B	3	E		137		UF
	SVTO	16	1656	1657U	1721	S13	W68	7220	07	11.6	25	2B	3	E		372		UF
	HOLL	16	1656	1659	1725	S10	W61	7220	07	12.1	29	2B M 6.8	4	E		415		UF
0287	HOLL	16	1656	1658	1712	N01	W57	7233	07	12.4	16	SF	3	E		71		F
0288	RAMY	16	2028	2041	2043	S12	W69	7220	07	11.6	15	SF	3	E		28		
		16	2110		2117	No Flare Patrol												
0289		16	2327*	23574	2434	N07	E05	7227	07	17.3	67	1F				243		DEF
	PALE	16	2325E	2358U	2538D	N08	E04	7227	07	17.3	133D	2F	3	E		317		F
	HOLL	16	2327	2357	2516	N07	E03	7227	07	17.2	109	2N	3	E		474		FE
	LEAR	16	2353	2401	2419	N07	E08	7227	07	17.6	26	1F	2	E		140		F
	WATU	17	0001E	0001	0008	N06	E04	7227	07	17.3	7D	SF		P	0001	40		D
		16	2335		2400	No Flare Patrol												
0290	HOLL	17	0041	0049	0056	S14	W61	7222	07	12.4	15	SF	3	E		12		
0291	LEAR	17	0154	0155	0158	S12	W70	7220	07	11.8	4	SF	3	E		21		
0292		17	03077	0307*	0311	S14	W72	7220	07	11.7	4	SN C 1.3				48		F
	LEAR	17	0307	0307	0311	S13	W73	7220	07	11.6	4	SF	3	E		36		
	PALE	17	0314	0317	0318D	S14	W70	7220	07	11.8	4D	SN C 1.3	3	E		60		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Opt	Xray	Obs See	Type	Area Measurement			Remarks	
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0293	LEAR	17	0340	0342	0350	S13	W70	7220	07	11.9	10	SF	C	1.5	3	E	40			
0294		17	07126	0718	0721	S14	W72	7220	07	11.8	9	SF					23		D	
	ISTA	17	0712		0717	S13	W71	7220	07	11.9	5	SN			P				D	
	SVTO	17	0716	0718	0721	S15	W72	7220	07	11.8	5	SF			3	E		21		
	LEAR	17	0716	0718	0723	S12	W74	7220	07	11.7	7	SF			3	E		25		
	KANZ	17	0718	0718	0722	S14	W72	7220	07	11.9	4	SF			2	C				
0295	LEAR	17	0734	0747	0759	S11	W73	7220	07	11.8	25	SF			3	E		10		
0296	SVTO	17	0749	0750	0756	S13	W59	7222	07	12.9	7	SF			3	E		11	F	
0297	SVTO	17	0923	0926	0934	S14	W55	7222	07	13.2	11	SF			3	E		11		
0298		17	0927	09271	0932	N21	W01	7229	07	17.3	5	SF						19		
	LEAR	17	0927	0927	0931	N21	W01	7229	07	17.3	4	SF			3	E		19		
	SVTO	17	0927	0928	0932	N21	W01	7229	07	17.3	5	SF			3	E		19		
0299		17	12181	1222	1234	N16	E56	7232	07	21.7	16	SF	C	1.5				26	F	
	SVTO	17	1218	1218U	1233D	N17	E57	7232	07	21.8	15D	SF			1	E		24		
	RAMY	17	1219	1222	1234	N16	E55	7232	07	21.7	15	SF	C	1.5	3	E		29	F	
0300		17	1524	15242	1543	S15	W80	7220	07	11.6	19	SF	C	1.3				49		
	HOLL	17	1522E	1526	1546	S15	W84	7220	07	11.3	24D	SF	C	1.3	3	E		49		
	KANZ	17	1524	1524	1540	S15	W76	7220	07	11.9	16	SF			2	C				
0301	HOLL	17	1600	1606	1616	N21	W04	7229	07	17.4	16	SF			3	E		22		
0302		17	1606*	16497	1718	N16	E50	7232	07	21.5	72	SF	C	1.3				30	F	
	HOLL	17	1606	1656	1714	N19	E48	7232	07	21.3	68	SF	C	1.3	3	E		34		
	RAMY	17	1631	1649	1723	N14	E52	7232	07	21.6	52	SF			3	E		27	F	
0303		17	1707*	17169	1800	N10	W08	7227	07	17.1	53	1F	C	2.3				120	F	
	HOLL	17	1707	1716	1802	N10	W08	7227	07	17.1	55	1F	C	2.3	3	E		124	F	
	PALE	17	1720	1725	1759	N10	W09	7227	07	17.0	39	1F			3	E		115		
0304	HOLL	17	1847	1848	1900	S11	W62	7222	07	13.1	13	SN	C	3.6	3	E		89	H	
		17	2004		2009	No Flare Patrol														
		17	2042		2058	No Flare Patrol														
0305	HOLL	17	2109	2112	2129	S12	W72	7220	07	12.4	20	SF	C	7.1	2	E		33		
0306	HOLL	17	2109	2114	2133D	S09	W63	7222	07	13.1	24D	SF			2	E		28		
		17	2118		2123	No Flare Patrol														
		17	2134		2142	No Flare Patrol														
		17	2154		2219	No Flare Patrol														
		17	2221		2226	No Flare Patrol														
		17	2228		2304	No Flare Patrol														
		17	2348		2400	No Flare Patrol														
		18	0000		0001	No Flare Patrol														
0307	LEAR	18	0018	0020	0021	N05	W63	7233	07	13.3	3	SF			3	E		13		
0308	LEAR	18	0044	0045	0048	S13	W86	7220	07	11.5	4	SF	C	1.7	3	E		23		
0309	LEAR	18	0102	0104	0118	N17	E49	7232	07	21.8	16	SF	C	1.5	3	E		62	F	
0310		18	01245	01311	0139	S09	W66	7222	07	13.1	15	SF	C	5.1				20	D	
	LEAR	18	0124	0132	0143	S10	W66	7222	07	13.1	19	SF	C	5.1	3	E		20		
	WATU	18	0129	0131	0135	S08	W66	7222	07	13.1	6	SF				C	0131	20	D	
0311	WATU	18	0132	0132	0137	S11	W88	7220	07	11.4	5	SN				C	0132	40	D	
0312		18	02404	02447	0311	N09	W13	7227	07	17.1	31	SF	M	1.0				108	1.5	EFU
	PEKG	18	0240	0251	0315	N09	W14	7227	07	17.1	35	1N				C	0251	252	2.7	E
	LEAR	18	0243	0244	0326	N09	W13	7227	07	17.1	43	SF	M	1.0	3	E		42		UF
	WATU	18	0244	0247	0252	N10	W12	7227	07	17.2	8	SF				C	0247	30	0.3	E

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Grp #	Sta	Start Day	Max (UT)	End (UT)	Lat	CHD	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)		
0313	WATU	18 0245	0246	0251	S11	W89	7220	07 11.4	6	SN		C	0246	40		E
0314	WATU	18 0336	0339	0342	S12	W88	7220	07 11.5	6	SN		C	0339	20		D
0315		18 05413	0546	0558	S10	W68	7222	07 13.1	17	SN				26	1.0	EI
	ONDR	18 0541	0548U	0618U	S10	W68	7222	07 13.1	37U	SN		P	0548	35	1.0	EI
	SVTO	18 0544	0546	0558	S11	W69	7222	07 13.0	14	SF	3	E		16		
0316	HTPR	18 0705		0720	S08	W90	7220	07 11.5	15	SN		C				
0317		18 0713	0713	0726	N05	W70	7233	07 13.1	13	SF C 1.7				20		F
	SVTO	18 0713	0713	0726	N04	W70	7233	07 13.1	13	SF	3	E		18		F
	LEAR	18 0713	0713	0726	N06	W71	7233	07 13.0	13	SF C 1.7	3	E		23		
0318	HTPR	18 0730		0800	S10	W90	7220	07 11.6	30	SF		C				
0319	HTPR	18 0740	0750	0820	S10	W72	7222	07 12.9	40	SN		C				ET
0320	HTPR	18 0927		0935	S10	W73	7222	07 12.9	8	SF		C				AET
0321		18 11151	1117	1122	S11	W83	7220	07 12.2	7	SN				11		D
	HTPR	18 1115		1122	S08	W80	7220	07 12.5	7	SB		C				D
	SVTO	18 1116	1117	1121	S14	W86	7220	07 12.0	5	SF	3	E		11		
0322	SVTO	18 1149	1156	1202	S26	W65	7226	07 13.4	13	SF	3	E		31		H
0323	HTPR	18 1324		1345	S13	W90	7220	07 11.8	21	SN		C				
0324	HTPR	18 1340		1352	S08	W90	7220	07 11.8	12	SB		C				
0325	HTPR	18 1415		1428	S13	W90	7220	07 11.8	13	SN		C				
0326	RAMY	18 1552	1553	1555	N16	E37	7232	07 21.5	3	SF C 2.6	3	E		11		
0327	HTPR	18 1611		1620	S13	W90	7220	07 11.9	9	SN		C				
0328	SVTO	18 1615	1622	1627	S26	W67	7226	07 13.5	12	SF	3	E		22		
0329		18 20311	20361	2131	N16	E40	7232	07 21.9	60	1B C 5.6				120		EFH
	HOLL	18 2031	2036	2131	N17	E41	7232	07 22.0	60	1B	3	E		120		FH
	PALE	18 2032	2037	2116D	N16	E40	7232	07 21.9	44D	1N C 5.6	2	E		120		EH
0330	PALE	18 2309	2310	2314	S11	W80	7222	07 12.9	5	SF	3	E		36		
0331		19 0145	0146	0151	S10	W82	7222	07 12.9	6	SF				32		D
	VORO	19 0145	0146	0151	S08	W82	7222	07 12.9	6	SF	2	C	0146	36		D
	PALE	19 0145	0146	0151	S11	W82	7222	07 12.9	6	SF	3	E		29		
0332	PALE	19 0210	0210	0215	N22	W18	7229	07 17.7	5	SF	3	E		12		
0333		19 04263	0430*	0454	N24	W19	7229	07 17.7	28	SF C 2.6				82	1.3	EFH
	URUM	19 0426	0430	0441	N23	W20	7229	07 17.6	15	SF		C		64	0.7	E
	WATU	19 0427	0430	0434	N22	W18	7229	07 17.8	7	SN		C	0430	30	0.3	E
	LEAR	19 0427	0431	0513	N24	W20	7229	07 17.6	46	SF C 2.6	3	E		41		F
	SVTO	19 0427	0443	0509	N22	W21	7229	07 17.6	42	SF	3	E		40		FH
	TACH	19 0429	0431U	0455D	N25	W16	7229	07 17.9	26D	1N	3	C	0431	249	2.8	E
	PALE	19 0430E	0435	0441D	N25	W20	7229	07 17.6	11D	SF	2	E		70		
0334	LEAR	19 0541	0541	0545	S25	W70	7226	07 13.8	4	SF	3	E		11		
0335		20 1807	1812	1836	N10	W48	7227	07 17.1	29	1F				116		F
	PALE	20 1807	1812	1837	N09	W48	7227	07 17.1	30	SF	3	E		84		F
	HOLL	20 1810E	1813U	1834	N10	W49	7227	07 17.1	24D	1F	3	E		148		F
		20 2334		2338	No Flare Patrol											
0336	PALE	21 0228	0235	0248	S19	W42	7234	07 17.9	20	SF	3	E		16		H
0337	LEAR	21 0251	0322	0343	N19	E24	7236	07 22.9	52	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	Time (UT)	Area Measurement		Remarks	
																	Apparent (10-6 Disk)	Corr (Sq Deg)		
0338	21	0456E	0524	0533	S18	W40	7234	07	18.1	37D	SF						45	0.7	DH	
	ONDR	21	0456E	0502U	0531	S17	W40	7234	07	18.2	35D	SF		P		0502	46	0.7	D	
	SVTO	21	0519E	0524	0535	S19	W41	7234	07	18.1	16D	SF		2	E		44		H	
0339	LEAR	21	0527	0528	0534	N17	E21	7236	07	22.8	7	SF		3	E		17			
0340	21	0556S	0600S	0613	S12	W70	7225	07	16.0	17	SF						34		F	
	LEAR	21	0556	0600	0609	S10	W70	7225	07	16.0	13	SF		3	E		37		F	
	SVTO	21	0601	0603	0617	S14	W71	7225	07	15.9	16	SF		3	E		30		F	
0341	ONDR	21	0556	0603U	0646	S17	W41	7234	07	18.1	50	SN			P	0603	46	0.7	DK	
0342	ONDR	21	0710	0726U	0751	S18	W40	7234	07	18.2	41	SN			P	0726	42	0.6	EK	
0343	HURB	21	0919	1013	1013	S22	W48	7234	07	17.7	54	1N			V					
0344	21	1025S	1035*	1110	S14	W27	7235A	07	19.4	45	SF						69	1.3	H	
	HTPR	21	1025	1035	1105	S13	W28	7235A	07	19.3	40	SF			C	1035	110	1.3	H	
	SVTO	21	1027	1053	1114	S16	W27	7235A	07	19.4	47	SF		3	E		28		H	
	KANZ	21	1028	1048	1112	S14	W27	7235A	07	19.4	44	SF		2	C					
0345	21	1055*	1121S	1144	N23	W48	7229	07	17.7	49	SF B 7.6						14		F	
	SVTO	21	1055	1121	1146	N22	W49	7229	07	17.7	51	SF B 7.6	3	E			17		F	
	KANZ	21	1056	1124	1144	N22	W48	7229	07	17.8	48	SF		2	C					
	RAMY	21	1120	1121	1141	N25	W47	7229	07	17.8	21	SF		3	E		12		F	
0346	RAMY	21	1144	1146	1200	S15	W44	7234	07	18.1	16	SF		3	E		12			
0347	21	1400A	1408S	1423	S16	W29	7235A	07	19.4	23	SF B 4.7						18		F	
	HOLL	21	1400	1408	1426	S15	W29	7235A	07	19.4	26	SF B 4.7	3	E			20		F	
	KANZ	21	1400	1412	1424	S16	W30	7235A	07	19.3	24	SF		2	C					
	SVTO	21	1404	1414	1420	S16	W29	7235A	07	19.4	16	SF		3	E		16		F	
0348	21	1429S	1433S	1520	S15	W29	7235A	07	19.4	51	SF C 1.4						44		FU	
	SVTO	21	1429	1437	1509	S15	W29	7235A	07	19.4	40	SF		3	E		26		U	
	HOLL	21	1430	1433	1527	S14	W30	7235A	07	19.3	57	SF C 1.4	4	E		62		UF		
	KANZ	21	1432	1440	1524	S15	W29	7235A	07	19.4	52	SF		2	C					
0349	21	1544S	1547*	1627	N23	W51	7229	07	17.7	43	SF C 1.0						24		F	
	HOLL	21	1544	1626	1657	N24	W51	7229	07	17.7	73	SF C 1.0	4	E			44		F	
	SVTO	21	1547	1547	1616	N22	W51	7229	07	17.7	29	SF		3	E		10		F	
	RAMY	21	1553	1553	1607	N23	W51	7229	07	17.7	14	SF		3	E		17		F	
0350	21	1910	1911	1931	N23	W52	7229	07	17.8	21	SF B 8.1						24		F	
	HOLL	21	1910	1911	1918D	N24	W52	7229	07	17.8	8D	SF		2	E		22			
	PALE	21	1910	1911	1931	N22	W53	7229	07	17.7	21	SF B 8.1	3	E		25		F		
		21	1922		1940	No Flare Patrol														
		21	2047		2051	No Flare Patrol														
0351	PALE	21	2058	2101	2107	S18	W51	7234	07	18.0	9	SF		3	E		21			
			21	2115		2124	No Flare Patrol													
			21	2145		2200	No Flare Patrol													
			21	2210		2254	No Flare Patrol													
0352	PALE	21	2341	2406	2426	N18	E10	7236	07	22.7	45	SF		3	E		26			
0353	21	2343S	2344S	2413	N22	W58	7229	07	17.5	30	SF C 1.6						36			
	HOLL	21	2343	2344	2417	N23	W56	7229	07	17.7	34	SF C 1.6	3	E			41			
	PALE	21	2346	2350	2409	N20	W59	7229	07	17.5	23	SF		3	E		32			
			21	2354		2400	No Flare Patrol													
0354	PALE	22	0116	0116	0126	S16	W34	7235A	07	19.5	10	SF		3	E		58			
0355	PALE	22	0126	0126	0138	N23	W56	7229	07	17.7	12	SF C 1.1	3	E			24			
0356	PALE	22	0314	0320	0330	S19	W54	7234	07	18.0	16	SF		3	E		16			

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Grp #	Sta	Start Day	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt Xray	Obs See	Time (UT)	Area Measurement		Remarks	
													Apparent (10-6 Disk)	Corr (Sq Deg)		
0357	ABST	22	0524	0532	0540	N25 W63	7229	07 17.3	16	1F		C	0532	105	2.4	E
0358		22	0534	0542	0556	S18 W56	7234	07 18.0	22	SF				26	0.7	DFH
	ONDR	22	0534	0542U	0550	S17 W55	7234	07 18.0	16	SF		P	0542	35	0.7	D
	SVTO	22	0535	0542	0602	S19 W57	7234	07 17.9	27	SF	3	E		16		FH
0359	SVTO	22	0542	0546	0557	N19 W62	7229	07 17.5	15	SF	3	E		26		F
0360	SVTO	22	0624	0625	0636	N21 W59	7229	07 17.7	12	SF	3	E		12		F
0361		22	0646	0649	0703	S18 W57	7234	07 17.9	17	SF				16		
	KANZ	22	0646	0650	0710	S17 W56	7234	07 18.0	24	SF	2	C				
	SVTO	22	0649	0649	0700	S19 W57	7234	07 17.9	11	SF	3	E		17		
	LEAR	22	0649	0651	0658	S18 W59	7234	07 17.8	9	SF	3	E		14		
0362		22	0758	0806	0830	N20 W60	7229	07 17.7	32	SF B 3.4				25		
	KANZ	22	0758	0806	0826	N21 W60	7229	07 17.7	28	SF	2	C				
	LEAR	22	0758	0807	0834	N18 W59	7229	07 17.8	36	SF B 3.4	3	E		25		
0363	KHAR	22	0815U		0826U	S17 W59	7234	07 17.9	11U	SF	2	V	0818			D
0364		22	1003	1003	1014	N22 W62	7229	07 17.6	11	SF B 6.5				22		F
	SVTO	22	1003	1003	1014	N21 W62	7229	07 17.7	11	SF B 6.5	3	E		22		F
	KANZ	22	1003	1007	1015	N22 W61	7229	07 17.7	12	SF	2	C				
0365		22	1127	1131	1142	N21 W62	7229	07 17.7	15	SF B 9.6				16		F
	KANZ	22	1127	1131	1143	N22 W61	7229	07 17.8	16	SF	2	C				
	RAMY	22	1127E	1133U	1140	N20 W62	7229	07 17.7	13D	SF B 9.6	3	E		16		F
0366		22	1453	1504	1532	N18 W12	7232	07 21.7	39	SF				83	1.8	FH
	HTPR	22	1453	1505	1525	N18 W10	7232	07 21.8	32	SN		C	1505	180	1.8	
	HOLL	22	1454	1504	1534	N18 W13	7232	07 21.6	40	SF	4	E		38		F
	SVTO	22	1456	1504	1537	N19 W12	7232	07 21.7	41	SF	3	E		31		FH
0367		22	1500	1507	1526	N22 W64	7229	07 17.7	26	SF B 8.0				113		FH
	HOLL	22	1500	1509	1531	N22 W64	7229	07 17.7	31	SF B 8.0	4	E		59		F
	SVTO	22	1500	1510	1532	N21 W65	7229	07 17.6	32	SF	3	E		51		H
	HTPR	22	1501	1507	1515	N23 W64	7229	07 17.7	14	1F		C	1507	230		
0368		22	1734	1740	1753	N22 W66	7229	07 17.6	19	SF B 4.2				45		FH
	HOLL	22	1734	1740	1754	N22 W66	7229	07 17.6	20	SF B 4.2	4	E		54		
	PALE	22	1737	1741	1756	N22 W66	7229	07 17.7	19	SF	3	E		66		F
	RAMY	22	1741	1741	1748	N22 W66	7229	07 17.7	7	SF	2	E		15		FH
			22	2201		2239	No Flare Patrol									
		22	2345		2400	No Flare Patrol										
0369		23	0137*	0139*	0200	S18 W67	7234	07 18.0	23	SF				50		EJ
	VORO	23	0137	0139	0151	S18 W69	7234	07 17.8	14	SF	1	C	0139	81		EJ
	LEAR	23	0148	0150	0209	S19 W65	7234	07 18.1	21	SF	3	E		19		
0370	KANZ	23	0721	0721	0729	S22 W71	7234	07 17.8	8	SF	2	C				
0371	HTPR	24	1328		1410	N20 W90	7229	07 17.7	42	SF		C				
0372	HTPR	24	1435		1455	S14 W90	7234	07 17.8	20	SN		C				
		24	1842		1846	No Flare Patrol										
		24	2203		2224	No Flare Patrol										
0373	SVTO	25	0554	0555	0602	S19 E69	7238	07 30.5	8	SF B 4.4	3	E		18		
0374	HTPR	25	0923	0927	0933	S27 E60	7238	07 30.1	10	SB		C	0927	90		D
0375	HTPR	25	1153		1215	N13 E88	7241	08 1.1	22	1B		C				A
0376		25	1736	1744	1810	N18 W37	7236	07 22.9	34	SF B 4.1				76	2.2	EFH
	HOLL	25	1736	1746	1817	N18 W39	7236	07 22.8	41	SF B 4.1	3	E		46		FH
	RAMY	25	1744	1744	1801	N18 W38	7236	07 22.8	17	SF	3	E		11		FH
	HTPR	25	1751E		1813	N18 W33	7236	07 23.2	22D	1N		C	1753	170	2.2	E

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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	Time (UT)	Area Measurement		Remarks
						Region	Class									Apparent (10-6 Disk)	Corr (Sq Deg)	
		25	2211		2243	No Flare Patrol												
		25	2245		2302	No Flare Patrol												
0377	MITK	26	0147	0148	0152	S25	E59	7238	07	30.6	5	1N		C	0148	21		E
0378		26	08181	08181	0828	S22	E60	7238	07	30.9	10	SF C 1.3				46	1.8	EFH
	KHAR	26	0818E		0827	S21	E60	7238	07	30.9	9D	SF	2	V	0820			H
	SVTO	26	0818	0818	0824	S22	E60	7238	07	30.9	6	SF	3	E		20		F
	KANZ	26	0818	0818	0830	S22	E60	7238	07	30.9	12	SF	2	C				
	LEAR	26	0818	0819	0826	S22	E60	7238	07	30.9	8	SF C 1.3	3	E		39		F
	ONDR	26	0819	0824U	0832	S24	E58	7238	07	30.8	13	SF		P	0824	78	1.8	E
0379	KANZ	26	1106	1106	1118	S19	E50	7238	07	30.3	12	SF	2	C				
0380		26	11501	11573	1232	N17	W48	7236	07	22.8	42	SF				30		FU
	SVTO	26	1150	1200	1234	N16	W49	7236	07	22.8	44	SF	3	E		35		U
	RAMY	26	1151	1157	1230	N18	W48	7236	07	22.8	39	SF	3	E		25		F
0381		26	12062	12122	1228	S21	E58	7238	07	30.9	22	SF C 2.6				48		EFH
	RAMY	26	1206	1214	1228	S21	E58	7238	07	30.9	22	SF C 2.6	3	E		44		FE
	SVTO	26	1208	1212	1227	S20	E59	7238	07	31.0	19	SF	3	E		51		H
	KANZ	26	1220E	1220U	1228	S21	E57	7238	07	30.9	8D	SF	2	C				
0382		26	13253	13432	1401	N14	W60	7232	07	22.0	36	SF				20		
	SVTO	26	1325	1343	1401	N14	W61	7232	07	21.9	36	SF	3	E		20		
	KANZ	26	1328	1345	1401	N14	W60	7232	07	22.0	33	SF	2	C				
0383		26	14121	14152	1426	N14	W61	7232	07	22.0	14	SF				15		F
	SVTO	26	1412	1415	1426	N13	W62	7232	07	21.9	14	SF	3	E		15		F
	KANZ	26	1413	1417	1421D	N14	W60	7232	07	22.0	8D	SF	2	C				
		26	2339		2348	No Flare Patrol												
		26	2354		2400	No Flare Patrol												
		27	0000		0002	No Flare Patrol												
0384		27	02254	02373	0258	S21	E45	7238	07	30.5	33	SN B 6.4				40	0.7	DF
	LEAR	27	0225	0240	0300	S20	E45	7238	07	30.5	35	SF B 6.4	3	E		39		F
	MITK	27	0229	0237	0256	S22	E45	7238	07	30.6	27	SB		C	0237	42	0.7	D
0385	ABST	27	0507	0513U	0524D	S20	E42	7238	07	30.4	17D	SN		P	0513	96	1.5	F
0386	LEAR	27	0513	0515	0519	N13	E63	7241	08	1.0	6	SF	3	E		18		
0387		27	06033	06072	0635	S20	E43	7238	07	30.5	32	1F C 3.5				109	1.2	EFH
	LEAR	27	0603	0607	0642	S18	E42	7238	07	30.4	39	1F C 3.5	3	E		166		F
	SVTO	27	0605	0608	0642	S20	E44	7238	07	30.6	37	1F	3	E		121		FH
	KANZ	27	0605E	0609	0641	S19	E43	7238	07	30.5	36D	1F	2	C				
	ONDR	27	0606	0609	0626	S20	E41	7238	07	30.4	20	SN		P	0609	71	1.1	E
	YUNN	27	0617E	0617U	0625	S21	E44	7238	07	30.6	8D	SN		P	0617	79	1.3	E
0388	KHAR	27	1115U		1115U	S17	E35	7238	07	30.1	8U	SF	2	V				DH
0389		27	11318	1131*	1148	S20	E39	7238	07	30.5	17	SF B 2.0				25		F
	SVTO	27	1131	1131	1137	S18	E38	7238	07	30.4	6	SF B 2.0	3	E		16		F
	KANZ	27	1131E	1131U	1151	S20	E40	7238	07	30.5	20D	SF	2	C				
	SVTO	27	1139	1143	1155	S21	E40	7238	07	30.5	16	SF B 3.3	3	E		34		F
0390		27	13214	13272	1348	N14	W74	7232	07	22.0	27	SF B 9.4				34		F
	SVTO	27	1321	1327	1348	N13	W74	7232	07	22.0	27	SF B 9.4	3	E		34		F
	KANZ	27	1325	1329	1347	N14	W73	7232	07	22.0	22	SF	2	C				
0391		27	14181	14213	1428	N14	W74	7232	07	22.0	10	SF B 4.8				19		
	SVTO	27	1418	1421	1428	N14	W75	7232	07	21.9	10	SF B 4.8	3	E		19		
	KANZ	27	1419	1424	1428	N14	W73	7232	07	22.1	9	SF	2	C				
0392		27	15132	15142	1532	N17	W65	7236	07	22.7	19	SN C 1.0				42		EF
	RAMY	27	1513	1514	1530	N18	W64	7236	07	22.8	17	SF	3	E		28		F
	SVTO	27	1513	1514	1536	N16	W65	7236	07	22.7	23	SN	3	E		47		
	HOLL	27	1513	1516	1536	N18	W66	7236	07	22.6	23	SN C 1.0	4	E		51		E
	KANZ	27	1515	1515	1527	N16	W64	7236	07	22.8	12	SF	2	C				

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Grp #	Sta	Start Day	Start (UT)	Max (UT)	End (UT)	Lat	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)		
0393	HOLL	27	1628	1628	1643	N15 W76	7232	07 21.9	15	SF		3	E		23			
		27	2319		2343	No Flare Patrol												
		28	2149		2152	No Flare Patrol												
0394	HTPR	29	1127	1131	1135	S20 E05	7238	07 29.8	8	SN			C	1131	50	0.6	DH	
0395		29	15041	15041	1511	N16 W90		07 22.8	7	SF C 1.3					21			
	HOLL	29	1504	1504	1509	N17 W91		07 22.7	5	SF C 1.3	4	E			21			
	KANZ	29	1505	1505	1513	N16 W90		07 22.8	8	SF	2	C						
0396	HOLL	29	1715	1718	1729	S14 W44	7240	07 26.4	14	SF		3	E		34			
0397	HOLL	29	1932	1936	1938	N20 E48	7242	08 2.5	6	SF C 1.3	3	E			11			
		29	2158		2226	No Flare Patrol												
		29	2228		2259	No Flare Patrol												
0398		30	04462	04492	0456	S21 W02	7238	07 30.0	10	SN B 6.3					76	1.2	DEH	
	TACH	30	0445E	0447U	0459D	S21 W01	7238	07 30.1	14D	SB	3	C	0447	173	2.0	D		
	WATU	30	0446	0449	0455	S21 W02	7238	07 30.0	9	SB			0449	40	0.5	E		
	LEAR	30	0448	0450	0457	S20 W02	7238	07 30.0	9	SF B 6.3	3	E		61		H		
	SVTO	30	0448	0451	0456	S22 W01	7238	07 30.1	8	SF	3	E		32		H		
0399	SVTO	30	0454	0500	0527	N09 W67	7243	07 25.2	33	SF		3	E		12			
0400		30	0627*	0716	0712	N12 W71	7243	07 24.9	45	SN				30	0.8	D		
	LEAR	30	0627	0716	0725	N12 W69	7243	07 25.1	58	SF		3	E		34			
	ONDR	30	0642	0652U	0700	N13 W73	7243	07 24.8	18	SN		P	0652	25	0.8	D		
0401	KANZ	30	0820	0824	0828	S20 W04	7238	07 30.0	8	SF		2	C					
0402	HOLL	30	1614	1618	1706	S07 E86	7245	08 6.1	52	SF		3	E		20			
0403	HOLL	30	1715	1717	1720	N16 E34	7242	08 2.3	5	SF		3	E		23			
0404	HOLL	30	1856	1859	1907	N16 E33	7242	08 2.3	11	SF		3	E		29			
0405	HOLL	30	2135	2136	2139	N20 E34	7242	08 2.5	4	SF B 2.5	3	E			12			
		30	2153		2209	No Flare Patrol												
0406		30	2235E	2238	2247	N20 E34	7242	08 2.5	12D	SF C 3.2				57	0.8	DFIJ		
	HOLL	30	2235E	2235U	2300D	N19 E33	7242	08 2.4	25D	SF	3	E		45		F		
	PALE	30	2237E	2237U	2250D	N20 E34	7242	08 2.5	13D	SF C 3.2	3	E		62		F		
	VORO	30	2238E	2238	2247	N20 E35	7242	08 2.6	9D	SN	1	C	2238	63	0.8	DIJ		
0407	SVTO	31	0509	0510	0519	N16 E28	7242	08 2.3	10	SF		3	E		14		H	
0408	YUNN	31	0634	0638	0645	N19 E27	7242	08 2.3	11	SN			C		47	0.6	E	
0409	HTPR	31	1122	1127	1135	N17 E27	7242	08 2.5	13	SF			C	1127	90	1.0	DH	
0410		31	11546	1157*	1228	S17 W16	7238	07 30.3	34	SF B 7.3				78	1.9	EFH		
	RAMY	31	1154	1157	1219	S15 W16	7238	07 30.3	25	SF		3	E		21		F	
	HTPR	31	1158	1204	1230	S17 W17	7238	07 30.2	32	SN			C	1204	180	1.9	EH	
	KANZ	31	1200	1204	1220	S17 W16	7238	07 30.3	20	SF		2	C					
	SVTO	31	1200	1208	1245	S18 W16	7238	07 30.3	45	SF B 7.3	3	E		34		FH		
0411		31	13266	1332*	1351	N20 E25	7242	08 2.5	25	SN C 2.8				95	1.9	EF		
	HTPR	31	1326	1332	1350	N19 E27	7242	08 2.6	24	SB			C	1332	180	1.9	E	
	RAMY	31	1330	1334	1349	N20 E26	7242	08 2.5	19	SF C 2.8	4	E		53		FE		
	HOLL	31	1330E	1335U	1400	N20 E25	7242	08 2.5	30D	SN		3	E		92		E	
	SVTO	31	1330	1342	1350	N21 E24	7242	08 2.4	20	SF		3	E		55		F	
	KANZ	31	1332	1332	1348	N21 E25	7242	08 2.5	16	1F		2	C					
0412	HTPR	31	1457	1505	1530	N12 W80	7243	07 25.6	33	SF			C					
0413	HTPR	31	1606		1630	N23 E90		08 7.6	24	SN			C					

H α SOLAR FLARES

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Grp #	Sta	Start Day (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/USAF		Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
							Region	Mo Day						Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
		31	1810	1819			No Flare	Patrol									
		31	2058	2104			No Flare	Patrol									
		31	2144	2233			No Flare	Patrol									

"Remarks"

- | | |
|---|---|
| <p>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.</p> | <p>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.</p> |
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Observation Type: C=Cinematographic, E=Electronic, P=Photographic, V=Visual