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Jul 00H $\alpha$  SOLAR FLARES

JULY 2000

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)		
0001	HOLL	01	0023	0031U	0046D	S19	E65	9067	07	6.0	230	SF	3	E		45			
0002	KANZ	01	0906	0906	0908	N22	W14		06	30.3	2	SF	2	C					
0003	RAMY	01	1157	1158	1202	N17	W71	9054	06	26.2	5	SF	3	E		13		F	
0004		01	1236	1238	1256	N14	W74	9054	06	26.0	20	SF				39		F	
	RAMY	01	1236	1238	1254	N15	W75	9054	06	25.9	18	SF	3	E		39		F	
	KANZ	01	1241E	1241U	1257	N12	W73	9054	06	26.1	160	SF	2	C					
0005	HOLL	01	1348	1350	1356	S19	E71	9068	07	7.0	8	SF	3	E		22			
0006	RAMY	01	1516	1517	1520	N15	W77	9054	06	25.9	4	SF	3	E		16			
0007	HOLL	01	1638	1640	1644	S12	E75	9069	07	7.3	6	SF	3	E		61			
0008	HOLL	01	1809	1809	1817	S20	E74	9068	07	7.4	8	SF	3	E		47			
		01	1819		1830	No Flare Patrol													
0009	HOLL	01	2136	2137	2139	S18	E49	9067	07	5.6	3	SF	3	E		22			
0010	HOLL	01	2138	2138	2142	S19	E71	9068	07	7.3	4	SF	3	E		18			
0011	HOLL	01	2220	2221	2251	S19	E67	9068	07	7.0	31	SF	3	E		27			
0012	HOLL	01	2234	2234	2238	N14	E56	9066	07	6.2	4	SF	3	E		22			
0013	HOLL	01	2344	2346	2358	N15	E56	9066	07	6.2	14	SF	3	E		24			
0014		01	23493	23504	2356	S20	E46	9067	07	5.5	7	SF				28			
	HOLL	01	2349	2350	2353	S18	E47	9067	07	5.6	4	SF	3	E		28			
	LEAR	01	2352	2354	2359	S21	E46	9067	07	5.5	7	SF	2	E		27			
0015	LEAR	02	0453	0454	0457	S21	E67	9068	07	7.3	4	SF	3	E		12			
		02	0652		0657	No Flare Patrol													
0016	SVTO	02	0914	0915	0917	S24	E70	9068	07	7.8	3	SF	3	E		17			
0017	KANZ	02	0914	0915	0917	S20	E63	9068	07	7.2	3	SF	2	C					
		02	0954		1007	No Flare Patrol													
0018		02	12561	12571	1306	S20	E56	9068	07	6.8	10	SF				19			
	RAMY	02	1256	1258	1305	S21	E57	9068	07	6.9	9	SF	3	E		19			
	KANZ	02	1257	1257	1306	S18	E56	9068	07	6.8	9	SF	2	C					
0019	KANZ	02	1409	1409	1411	S20	E58	9068	07	7.0	2	SF	2	C					
0020		02	1539	15411	1550	N16	E72	9070	07	8.1	11	SF				32			
	RAMY	02	1539	1541	1551	N14	E74	9070	07	8.2	12	SF	3	E		32			
	KANZ	02	1539	1542	1549	N17	E71	9070	07	8.0	10	SF	2	C					
0021	RAMY	02	1641	1642	1651	S22	E56	9068	07	7.0	10	SF	3	E		14			
0022	HOLL	02	1719	1720	1722	S19	E57	9068	07	7.1	3	SF	3	E		22			
0023	HOLL	02	1758	1804	1819	S20	E58	9068	07	7.2	21	SF	3	E		57			
0024	HOLL	02	2034	2048	2057	S20	E57	9068	07	7.2	23	SF	3	E		16			
0025	HOLL	02	2124	2124	2136	S20	E57	9068	07	7.2	12	SF	3	E		20			
0026	HOLL	02	2314	2323	2331	N19	E71	9070	07	8.4	17	SF	3	E		60			
0027	HOLL	02	2332	2338	2505	N19	E72	9070	07	8.5	93	SF	3	E		54		FT	
0028	HOLL	02	2337	2338	2348	S18	E53	9068	07	7.0	11	SF	3	E		17			

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/		Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement		Remarks
								USAF Region	CMP Mo Day						Time (UT)	Apparent (10-6 Disk)	
0029	LEAR	03	0044	0045	0050	N26	W37	9063	06	30.1	6	SF	3	E		16	
0030	LEAR	03	0419	0421	0426	N17	E69	9070	07	8.4	7	SF	3	E		18	FH
0031	KANZ	03	0903	0904	0929	S12	W31	9061	07	1.0	26	SF	2	C			
		03	1249		1316	No Flare Patrol											
0032	HOLL	03	1629	1630	1635	S14	W31	9062	07	1.3	6	SF	3	E		31	
0033	HOLL	03	1655	1701	1706	S13	W44	9061	06	30.4	11	SF	3	E		20	
0034	HOLL	03	2053	2054	2100	S17	E39	9068	07	6.8	7	SF	3	E		32	F
		03	2259		2318	No Flare Patrol											
		03	2322		2334	No Flare Patrol											
0035		04	00032	0038	0110	S16	W32	9062	07	1.6	67	1F				58	F
	LEAR	04	0003	0013U	0109	S15	W31	9062	07	1.6	66	SF	3	E		16	F
	HOLL	04	0005	0038	0111	S16	W32	9062	07	1.6	66	1F	3	E		100	
0036	HOLL	04	0015	0044	0101	S19	E39	9068	07	7.0	46	SF	3	E		22	
		04	0136		0431	No Flare Patrol											
0037		04	08196	08241	0829	S20	E34	9068	07	6.9	10	SF				44	F
	KANZ	04	0819	0824	0828	S20	E35	9068	07	7.0	9	SF	2	C			
	LEAR	04	0820	0825	0831	S20	E33	9068	07	6.9	11	SF	2	E		63	F
	SVTO	04	0825	0825	0829	S20	E35	9068	07	7.0	4	SF	3	E		26	F
0038	KANZ	04	1204	1206	1208	N22	E21	9065	07	6.1	4	SF	2	C			
0039	KANZ	04	1326	1326	1335	S19	E32	9068	07	7.0	9	SF	2	C			
0040		04	1345	1350	1355	N18	E46	9070	07	8.1	10	SF				32	
	RAMY	04	1345	1350	1354	N17	E45	9070	07	8.0	9	SF	3	E		32	
	KANZ	04	1345	1350	1356	N19	E46	9070	07	8.1	11	SF	2	C			
0041		04	14341	14373	1450	S18	W36	9062	07	1.9	16	SF				12	
	KANZ	04	1434	1437	1450	S17	W36	9062	07	1.9	16	SF	2	C			
	HOLL	04	1435	1440	1449	S18	W37	9062	07	1.8	14	SF	3	E		12	
0042		04	14571	1500	1509	S21	E32	9068	07	7.1	12	SF				53	
	KANZ	04	1457	1500	1505	S20	E32	9068	07	7.1	8	SF	2	C			
	HOLL	04	1458	1500	1507	S20	E33	9068	07	7.1	9	SF	3	E		52	
	RAMY	04	1458	1500	1516	S22	E31	9068	07	7.0	18	SF	3	E		54	
0043		04	1510	1511	1516	S20	E32	9068	07	7.1	6	SF				12	
	KANZ	04	1510	1511	1515	S21	E31	9068	07	7.0	5	SF	2	C			
	HOLL	04	1510	1511	1516	S20	E33	9068	07	7.1	6	SF	3	E		12	
0044		04	15101	1525	1622	N18	E48	9070	07	8.3	72	SF				49	
	KANZ	04	1510	1521U	1521D	N18	E48	9070	07	8.3	11D	SF	2	C			
	RAMY	04	1511	1525	1622	N17	E49	9070	07	8.3	71	SF	3	E		49	
		04	1848		2011	No Flare Patrol											
		04	2021		2042	No Flare Patrol											
0045	HOLL	04	2141	2141	2154	N19	E46	9070	07	8.4	13	SF	3	E		32	
		04	2218		2400	No Flare Patrol											
		05	0041		0057	No Flare Patrol											
		05	0108		0520	No Flare Patrol											
		05	0715		0859	No Flare Patrol											
0046	HOLL	05	1346	1348	1358	N25	W70	9063	06	30.1	12	SF	3	E		20	
0047		05	16202	16221	1630	N22	W18	9071	07	4.3	10	SF				16	
	HOLL	05	1620	1622	1630	N22	W18	9071	07	4.3	10	SF	3	E		14	
	RAMY	05	1622	1623	1630	N23	W17	9071	07	4.4	8	SF	3	E		19	

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															Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0048	RAMY	05	2001	2004	2010	N24	W19	9071	07	4.4	9	SF	3	E		26		
0049	RAMY	05	2039	2039	2044	N20	E32	9070	07	8.3	5	SF	3	E		23		H
		05	2109		2140	No Flare Patrol												
		05	2157		2400	No Flare Patrol												
		06	0000		0102	No Flare Patrol												
0050	LEAR	06	0256	0257	0300	S17	W64	9062	07	1.2	4	SF	3	E		15		
		06	0312		0320	No Flare Patrol												
		06	0338		0425	No Flare Patrol												
0051	LEAR	06	0531	0533	0539	N22	W25	9071	07	4.3	8	SF	3	E		19		
0052		06	09013	09082	0921	S20	E08	9068	07	7.0	20	SN				96	1.8	EF
	URUM	06	0901	0910	0922	S19	E09	9068	07	7.1	21	SN		C		161	1.8	E
	SVTO	06	0904	0908	0920	S20	E07	9068	07	6.9	16	SF	3	E		31		F
0053	RAMY	06	1222	1223	1226	N18	E25	9070	07	8.4	4	SF	3	E		12		
0054		06	13179	13283	1422	N19	E26	9070	07	8.5	65	SF				20		FH
	KANZ	06	1317	1328	1427	N18	E26	9070	07	8.5	70	SF	2	C				
	RAMY	06	1319	1330	1403	N17	E28	9070	07	8.7	44	SF	3	E		24		FH
	KANZ	06	1322	1330	1456	N21	E24	9070	07	8.4	94	SF	2	C				
	HOLL	06	1326	1331	1400	N19	E27	9070	07	8.6	34	SF	3	E		17		
0055	HOLL	06	1456	1457	1459	S15	W76	9061	06	30.9	3	SF	3	E		12		
0056	HOLL	06	1507	1509	1514	N19	E23	9070	07	8.4	7	SF	3	E		15		
0057	HOLL	06	1542	1543	1546	N19	E21	9070	07	8.2	4	SF	3	E		10		
0058	RAMY	06	1715	1715	1721	N19	E22	9070	07	8.4	6	SF	3	E		10		
0059	RAMY	06	1728	1728	1731	N18	E19	9070	07	8.2	3	SF	3	E		13		
0060	HOLL	06	1813	1821	1828	N18	E19	9070	07	8.2	15	SF	3	E		18		
0061	RAMY	06	1913	1918	1934	N18	E19	9070	07	8.2	21	SF	3	E		84		F
0062	RAMY	06	1935	1946	1952	N19	E20	9070	07	8.3	17	1F	3	E		107		FH
		06	1952		2303	No Flare Patrol												
0063		06	2311*	2350*	2417	N20	E16	9070	07	8.2	66	SF				56		F
	HOLL	06	2311	2350	2419	N20	E16	9070	07	8.2	68	SF	3	E		47		F
	LEAR	06	2355	2402	2415	N19	E16	9070	07	8.2	20	SF	3	E		66		
0064		07	00256	00315	0056	N19	E18	9070	07	8.4	31	1N				142	2.7	E
	URUM	07	0025	0036	0048	N18	E19	9070	07	8.5	23	1N		C		241	2.7	E
	HOLL	07	0031	0031	0104	N20	E17	9070	07	8.3	33	SF	3	E		43		
0065	LEAR	07	0132	0132	0137	N18	E19	9070	07	8.5	5	SF	3	E		18		
0066		07	0201	02052	0213	N19	E16	9070	07	8.3	12	1N				214	4.5	EF
	LEAR	07	0201	0205	0210	N18	E15	9070	07	8.2	9	SF	3	E		25		F
	URUM	07	0204E	0207	0216	N20	E16	9070	07	8.3	12D	1N		P		402	4.5	E
0067	LEAR	07	0303	0304	0307	N21	W37	9071	07	4.3	4	SF	3	E		15		
0068	LEAR	07	0330	0331	0341	N21	W38	9071	07	4.2	11	SF	3	E		16		
0069	URUM	07	0458E	0458	0502	N21	W38	9071	07	4.3	4D	SN		P		80	1.1	D
0070		07	05456	05533	0627	N22	W38	9071	07	4.3	42	SF				18		F
	LEAR	07	0545	0556	0655	N22	W39	9071	07	4.2	70	SF	3	E		27		F
	SVTO	07	0551	0553	0600	N23	W38	9071	07	4.3	9	SF	3	E		10		
	KANZ	07	0600E		0625	N21	W38	9071	07	4.3	25D	SF	2	C				

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)			
0071		07	0553	0554	0600	N20	E12	9070	07	8.2	7	SF					12				
	LEAR	07	0553	0554	0600	N20	E12	9070	07	8.2	7	SF		3	E		12				
	KANZ	07	0600E		0600	N21	E12	9070	07	8.2	7D	SF		2	C						
0072		07	0849*	09163	0954	N16	E08	9070	07	8.0	65	SF					35			F	
	KANZ	07	0849	0919	1003	N16	E10	9070	07	8.1	74	SF		2	C						
	LEAR	07	0857	0919	0942D	N17	E08	9070	07	8.0	45D	SN		3	E		41			F	
	SVTO	07	0908	0918	0959	N17	E10	9070	07	8.1	51	SF		3	E		29				
	KANZ	07	0910	0916	0939	N12	E02	9070	07	7.5	29	SF		2	C						
0073	KANZ	07	0855	0922	0951	N17	E05	9070	07	7.7	56	SF		2	C						
0074	KANZ	07	1003	1003U	1012D	S21	W25	9067	07	5.5	9D	SF		2	C						
0075	URUM	07	1015	1027	1105	N17	W03	9072	07	7.2	50	SN			C		161	1.7		E	
0076	KANZ	07	1032	1032	1035	N17	E10	9070	07	8.2	3	SF		2	C						
0077		07	10582	11011	1136	N22	W41	9071	07	4.3	38	SF					57			EFZ	
	SVTO	07	1058	1101	1134	N22	W42	9071	07	4.2	36	SF		3	E		26			FZ	
	KANZ	07	1058	1101	1136	N21	W41	9071	07	4.3	38	SF		2	C						
	RAMY	07	1100	1102	1139	N23	W41	9071	07	4.3	39	SN		3	E		88			FE	
0078	URUM	07	1105	1120	1139	N20	W35	9071	07	4.8	34	1B			C		193	2.5		E	
0079	KANZ	07	1350	1353	1359	N14	E43	9074	07	10.8	9	SF		2	C						
0080	KANZ	07	1356	1358	1415	N17	E05	9070	07	8.0	19	SF		2	C						
0081	KANZ	07	1508	1508	1524	N19	E07	9070	07	8.2	16	SF		2	C						
0082	RAMY	07	1537	1537	1547	N17	E08	9070	07	8.2	10	SF		3	E		10				
0083		07	15583	16003	1608	S20	W10	9068	07	6.9	10	SF					18				
	RAMY	07	1558	1600	1610	S20	W10	9068	07	6.9	12	SF		3	E		20				
	HOLL	07	1601	1603	1607	S20	W09	9068	07	7.0	6	SF		3	E		15				
0084	RAMY	07	1630	1636	1641	S20	W10	9068	07	6.9	11	SF		3	E		16				
0085		07	1635	1635	1644	N17	E07	9070	07	8.2	9	SF					23				
	HOLL	07	1635	1635	1643	N17	E06	9070	07	8.1	8	SF		3	E		24				
	RAMY	07	1635	1635	1644	N17	E08	9070	07	8.3	9	SF		3	E		22				
0086	RAMY	07	1639	1639	1648	N22	W46	9071	07	4.1	9	SF		3	E		10				
0087	HOLL	07	1704	1705	1714	N19	E07	9070	07	8.2	10	SF		3	E		18			F	
0088		07	1812	1821	1909	N22	W46	9071	07	4.2	57	1B					135			F	
	RAMY	07	1812	1818U	1819D	N22	W44	9071	07	4.4	7D	1B		3	E		130				
	HOLL	07	1812	1821	1909	N21	W47	9071	07	4.1	57	1B		3	E		140			F	
0089	HOLL	07	1931	1931	1938	N14	E40	9074	07	10.8	7	SF		3	E		51			E	
0090	HOLL	07	2017	2017	2025	N18	E02	9070	07	8.0	8	SF		3	E		19				
0091	HOLL	07	2029	2030	2036	N19	E00	9070	07	7.8	7	SF		3	E		23				
0092	HOLL	07	2154	2156	2201	S12	E70	9078	07	13.2	7	SF		3	E		13				
0093	HOLL	07	2213	2213	2223	N21	W51	9071	07	4.0	10	SF		3	E		18				
		07	2256		2332	No Flare Patrol															
		08	0000		0256	No Flare Patrol															
0094	LEAR	08	0025	0025	0033	N18	E02	9070	07	8.2	8	SF		3	E		14				
0095	LEAR	08	0129	0130	0133	N18	E00	9070	07	8.1	4	SF		3	E		12				
0096	LEAR	08	0154	0156	0203	N18	E00	9070	07	8.1	9	SF		3	E		29			H	

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0097	LEAR	08	0229	0229	0235	N18	E00	9070	07	8.1	6	SF		3	E		34		F
0098	LEAR	08	0238	0244	0307	N21	W53	9071	07	4.0	29	SF		3	E		28		
0099	LEAR	08	0310	0310	0314	S22	E18	9073	07	9.5	4	SF		3	E		24		F
0100	LEAR	08	0426	0428	0431	N18	W02	9070	07	8.0	5	SF		3	E		14		
0101	URUM	08	0521E	0521	0521D	N16	W05	9070	07	7.8	5D	SB			P		129	1.4	D
0102	LEAR	08	0630	0632	0636	S23	E16	9073	07	9.5	6	SF		3	E		27		
0103		08	0700*	0733	0748	N17	W06	9070	07	7.8	48	SN					96	1.0	EFH
	MITK	08	0700	0733	0735	N17	W07	9070	07	7.7	35	SN			0733		99	1.0	H
	SVTO	08	0732	0733	0746	N17	W05	9070	07	7.9	14	SF		2	E		55		F
	LEAR	08	0732	0733	0802	N17	W07	9070	07	7.8	30	1N		3	E		133		FE
0104	LEAR	08	0757	0800	0804	S22	E15	9073	07	9.5	7	SF		3	E		10		
0105		08	08248	0832	0839	S22	E14	9073	07	9.4	15	SF					36		H
	LEAR	08	0824	0832	0842	S22	E14	9073	07	9.4	18	SF		3	E		52		
	SVTO	08	0832	0832	0836	S21	E15	9073	07	9.5	4	SF		2	E		20		H
0106	URUM	08	1021	1041	1046	S19	E14	9073	07	9.5	25	SN			C		80	0.9	E
0107	RAMY	08	1123	1129	1133	S22	E12	9073	07	9.4	10	SF		3	E		11		
0108	RAMY	08	1135	1138	1143	S22	E13	9073	07	9.5	8	SF		3	E		24		
0109	RAMY	08	1125	1125	1130	N18	W03	9070	07	8.2	5	SF		3	E		16		
0110	RAMY	08	1203	1205	1207	S22	E13	9073	07	9.5	4	SF		3	E		16		
0111	RAMY	08	1305	1307	1315	S22	E12	9073	07	9.5	10	SN		3	E		67		
0112		08	1321	1326	1348	N17	W08	9070	07	7.9	27	1F					76		
	RAMY	08	1321	1326	1341	N17	W08	9070	07	7.9	20	1F		3	E		101		
	HOLL	08	1328E	1329U	1356	N17	W09	9070	07	7.9	28D	SF		3	E		50		
0113	HOLL	08	1328E	1344U	1358	S20	E09	9073	07	9.2	30D	SF		3	E		18		
0114		08	1408	14082	1420	N17	W07	9070	07	8.0	12	SF					22		
	HOLL	08	1408	1408	1419	N17	W07	9070	07	8.0	11	SF		3	E		19		
	RAMY	08	1408	1410	1420	N17	W07	9070	07	8.0	12	SF		3	E		26		
0115	HOLL	08	1420	1448	1458	S21	E11	9073	07	9.4	38	SF		3	E		96		
0116	HOLL	08	1456	1457	1501	N16	E61	9077	07	13.2	5	SF		3	E		13		
0117	HOLL	08	1501	1506	1512	N19	E78	9077	07	14.6	11	SF		3	E		19		
0118	HOLL	08	1502	1502	1512	S21	E11	9073	07	9.5	10	SF		3	E		10		
0119	HOLL	08	1517	1601	1611	S17	E05	9073	07	9.0	54	SF		3	E		47		
0120		08	15205	15223	1542	S17	W08	9069	07	8.0	22	SF					44		
	HOLL	08	1520	1522	1541	S17	W06	9069	07	8.2	21	SF		3	E		47		
	RAMY	08	1525	1525	1543	S17	W10	9069	07	7.9	18	SF		3	E		41		
0121	HOLL	08	1555	1555	1559	N19	E78	9077	07	14.6	4	SF		3	E		14		
0122		08	16253	16282	1717	N17	W08	9070	07	8.1	52	SF					72		
	HOLL	08	1625	1630	1717	N17	W09	9070	07	8.0	52	SF		3	E		58		
	RAMY	08	1628	1628	1630D	N17	W07	9070	07	8.1	2D	SF		3	E		87		
0123	HOLL	08	1626	1627	1632	N19	E77	9077	07	14.6	6	SF		3	E		16		
0124	HOLL	08	1728	1732	1736	N20	W59	9071	07	4.2	8	SF		3	E		22		

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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)	
0125	RAMY	08	1747	1747	1752	S22	E09	9073	07	9.4	5	SF		3	E		16		
0126	HOLL	08	1813	1814	1820	S17	W08	9069	07	8.1	7	SF		3	E		15		
0127	HOLL	08	1846	1848	1854	S22	E10	9073	07	9.5	8	SF		3	E		19		
0128	HOLL	08	1908	1909	1926	N22	W06	9070	07	8.3	18	SF		3	E		25		
			08 2007		2055														No Flare Patrol
			08 2117		2151														No Flare Patrol
0129	HOLL	08	2137E	2206U	2223D	N18	E35	9074	07	11.6	46D	SF		3	E		37		
			08 2214		2221														No Flare Patrol
			08 2305		2327														No Flare Patrol
0130	LEAR	08	2328E	2432	2524	N18	W12	9070	07	8.1	116D	SF		3	E		90		FU
0131	URUM	09	0130	0134	0138	N19	W13	9070	07	8.1	8	1N			C		241	2.6	E
0132		09	02291	02331	0240	N18	E76	9077	07	14.9	11	SN					51		D
	LEAR	09	0229	0233	0243	N15	E74	9077	07	14.7	14	SF		3	E		54		
	URUM	09	0230	0234	0238	N21	E79	9077	07	15.2	8	SN			C		48		D
0133		09	04462	04503	0506	N18	W12	9070	07	8.3	20	SN					62	1.0	EF
	URUM	09	0446	0450	0506	N16	W12	9070	07	8.3	20	SN			C		96	1.0	E
	LEAR	09	0448	0453	0507	N19	W12	9070	07	8.3	19	SF		3	E		29		F
0134	URUM	09	0626E	0626	0638	N14	W18	9070	07	7.9	12D	SN			P		129	1.4	E
0135		09	06501	06552	0707	N16	E68	9077	07	14.4	17	SF					35		FH
	LEAR	09	0650	0655	0709	N16	E69	9077	07	14.5	19	SF		3	E		35		FH
	KANZ	09	0651	0657	0705	N17	E66	9077	07	14.3	14	SF		2	C				
0136		09	07111	07131	0716	N16	E69	9077	07	14.5	5	SF					22		FH
	LEAR	09	0711	0713	0716	N16	E69	9077	07	14.5	5	SF		3	E		22		FH
	KANZ	09	0712	0714	0715	N17	E69	9077	07	14.5	3	SF		2	C				
0137		09	07183	07243	0752	N17	E71	9077	07	14.7	34	1F					70		EFH
	URUM	09	0718	0726	0750	N16	E72	9077	07	14.8	32	1F			C		80		E
	KANZ	09	0719	0727	0810D	N17	E69	9077	07	14.5	51D	1F		2	C				
	SVTO	09	0721	0724	0755	N17	E71	9077	07	14.7	34	SF		3	E		60		FH
0138		09	08225	0831*	0912	N19	W15	9070	07	8.2	50	1N					260	4.4	EFH
	LEAR	09	0822	0848	0910	N19	W17	9070	07	8.0	48	1F		3	E		118		FH
	URUM	09	0827	0831	0915	N18	W15	9070	07	8.2	48	1B			C		402	4.4	E
	KANZ	09	0838E	0855U	0900D	N20	W13	9070	07	8.4	22D	1F		2	C				
0139	LEAR	09	0853	0854	0902	N16	E69	9077	07	14.6	9	SF		3	E		41		FH
			09 0943		0948														No Flare Patrol
			09 0956		1010														No Flare Patrol
			09 1014		1028														No Flare Patrol
0140	RAMY	09	1151	1215	1233	N16	E67	9077	07	14.6	42	SF		4	E		40		F
0141	KANZ	09	1507	1510	1520	N18	W18	9070	07	8.2	13	SF		2	C				
0142		09	15191	1520	1528	N18	E65	9077	07	14.6	9	SF					28		
	KANZ	09	1519	1520	1527	N19	E64	9077	07	14.5	8	SF		2	C				
	RAMY	09	1520	1520	1529	N17	E66	9077	07	14.6	9	SF		4	E		28		
0143	RAMY	09	1617	1619	1632	N16	E66	9077	07	14.7	15	SF		4	E		26		
0144	RAMY	09	1731	1735	1741	N20	W20	9070	07	8.2	10	SF		4	E		24		F
0145	RAMY	09	1733	1733	1737	N15	E64	9077	07	14.6	4	SF		4	E		19		F
0146	RAMY	09	1757	1757	1802	N19	W22	9070	07	8.1	5	SF		4	E		15		

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Grp #	Sta	Start Day	Start (UT)	Max (UT)	End (UT)	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)		
		09	1805		2112	No Flare Patrol											
0147	HOLL	09	2131	2143	2239	N19 E63 9077	07	14.7	68	SN		3	E		73		
0148	HOLL	09	2224	2226	2235	S18 W26 9069	07	7.9	11	SF		3	E		47		
0149	HOLL	09	2226	2226	2234	N14 W52 9066	07	6.0	8	SF		3	E		12		
0150	HOLL	09	2244	2257	2310	N18 E60 9077	07	14.5	26	SF		3	E		33		
0151	URUM	09	2351	2355	2530	N18 W11 9070	07	9.1	99	SN			C		161	1.7	E
		10	0023		0038	No Flare Patrol											
0152		10	01072	01073	0128	N18 E60 9077	07	14.6	21	SN					43	0.8	D
	URUM	10	0107E	0107	0127	N18 E62 9077	07	14.8	20D	SB			P		32	0.7	D
	LEAR	10	0107	0110	0140	N17 E58 9077	07	14.4	33	SN		3	E		48		
	MITK	10	0109	0110	0118	N18 E59 9077	07	14.5	9	SN				0110	49	1.0	D
0153	LEAR	10	0220	0222	0252	N19 W27 9070	07	8.0	32	SF		3	E		15		
0154	LEAR	10	0242	0243	0316	N18 E56 9077	07	14.4	34	SF		3	E		27		
0155	LEAR	10	0301	0306	0322	S18 W26 9069	07	8.1	21	SF		3	E		22		
0156	LEAR	10	0317	0319	0321	N18 E40 9077	07	13.2	4	SF		3	E		42		
0157	LEAR	10	0322	0322	0331	N17 E58 9077	07	14.5	9	SF		3	E		17		
0158	LEAR	10	0335	0338	0340	N18 E40 9077	07	13.2	5	SF		3	E		15		
0159	SVTO	10	0526	0526	0540	N17 E56 9077	07	14.5	14	SF		3	E		13		
0160		10	07541	07562	0804	N18 W30 9070	07	8.0	10	SF					16		F
	LEAR	10	0754	0758	0804	N18 W30 9070	07	8.0	10	SF		3	E		16		F
	KANZ	10	0755	0756	0805	N18 W31 9070	07	8.0	10	SF		2	C				
0161	URUM	10	0830	0834	0842	S17 W31 9069	07	8.0	12	1F			C		193	2.5	E
0162	LEAR	10	0833	0835	0847	S20 W47 9068	07	6.8	14	SF		3	E		27		
0163		10	09494	0953	0957	S18 W32 9069	07	8.0	8	SF					13		
	SVTO	10	0949	0951U	0958	S18 W33 9069	07	7.9	9	SF		3	E		13		
	KANZ	10	0953	0953	0956	S18 W32 9069	07	8.0	3	SF		2	C				
0164		10	10331	1103	1129	N17 E53 9077	07	14.5	56	SF					102		F
	KANZ	10	1033	1103	1130D	N18 E53 9077	07	14.5	57D	SF		2	C				
	SVTO	10	1034	1048U	1129	N18 E53 9077	07	14.5	55	SF		3	E		69		
	RAMY	10	1106E	1110U	1145D	N16 E53 9077	07	14.5	39D	1F		2	E		136		F
0165	SVTO	10	1132	1134	1137	N18 E34 9077	07	13.1	5	SF		3	E		13		
0166		10	1144	11442	1154	S22 W14 9073	07	9.4	10	SF					42	0.8	D
	URUM	10	1144E	1144	1144D	S22 W13 9073	07	9.5	10D	SF			P		64	0.8	D
	RAMY	10	1144	1146	1154	S21 W14 9073	07	9.4	10	SF		3	E		21		
0167	RAMY	10	1152	1153	1157	S16 W35 9069	07	7.8	5	SF		3	E		16		
0168	RAMY	10	1224	1224	1234	N17 E54 9077	07	14.6	10	SF		3	E		15		
0169	SVTO	10	1243	1251	1257	N25 E63 9080	07	15.4	14	SF		3	E		21		
0170		10	1355*	14225	1533	N17 E52 9077	07	14.5	98	SN					133		FH
	HOLL	10	1355	1427	1623	N18 E52 9077	07	14.5	148	1N		3	E		226		
	RAMY	10	1419	1426	1509	N16 E52 9077	07	14.5	50	SN		3	E		98		FH
	SVTO	10	1420	1422	1506	N18 E52 9077	07	14.5	46	SF		3	E		75		F
0171	RAMY	10	1447	1450	1502	N20 W33 9070	07	8.1	15	SF		3	E		21		

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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)		
0172	RAMY	10	1509	1515	1528	N16	E54	9077	07	14.7	19	SF		3	E		26		H	
0173	HOLL	10	1514	1516	1522	N15	W77	9066	07	4.8	8	SF		3	E		37			
0174	RAMY	10	1516	1518	1522	N15	W57	9066	07	6.3	6	SF		3	E		15			
0175		10	15339	1548	1553	S18	W34	9069	07	8.0	20	SF					22			
	HOLL	10	1533	1548	1553	S18	W31	9069	07	8.3	20	SF		3	E		24			
	RAMY	10	1542	1548	1553	S17	W36	9069	07	7.9	11	SF		3	E		19			
0176		10	16435	16491	1701	N15	W61	9066	07	6.1	18	SF					31		FH	
	RAMY	10	1643	1649	1702	N15	W57	9066	07	6.4	19	SF		3	E		58		FH	
	HOLL	10	1647	1650	1701	N15	W68	9066	07	5.5	14	SF		3	E		22			
	SVTO	10	1648	1649	1659	N15	W59	9066	07	6.2	11	SF		3	E		14			
0177	HOLL	10	1651	1702	1707	N17	E29	9077	07	12.9	16	SF		3	E		18		F	
0178	HOLL	10	1702	1707	1716	N17	W37	9070	07	7.9	14	SF		3	E		10			
0179	HOLL	10	1732	1738	1754	N17	E28	9077	07	12.8	22	SF		3	E		22			
0180	RAMY	10	1733	1735	1746	N16	E51	9077	07	14.6	13	SF		3	E		32		F	
0181	RAMY	10	1813	1816	1824	N54	E77	9077	07	17.4	11	SF		3	E		13			
0182	RAMY	10	1827	1849	1907	N16	E52	9077	07	14.7	40	SF		3	E		91		FH	
0183	RAMY	10	1832	1838	1920	S18	W32	9069	07	8.3	48	1N		3	E		151		FH	
0184	RAMY	10	1905	1911	1920	N17	W43	9070	07	7.5	15	SF		3	E		16		FH	
0185	RAMY	10	1908	1918	2000	N16	E50	9077	07	14.6	52	SF		3	E		30			
0186	RAMY	10	1957	2002	2052	N16	W43	9070	07	7.6	55	SB		3	E		87		FH	
0187	RAMY	10	1958	2010	2019	N16	W59	9066	07	6.3	21	SF		3	E		25			
0188	RAMY	10	1959	2000	2023	S17	W47	9068	07	7.3	24	SF		3	E		12			
0189	RAMY	10	2109E	2110U	2223D	N19	E49	9077	07	14.6	74D	SF		3	E		84			
0190	HOLL	10	2132E	2138U	2446	N18	E49	9077	07	14.6	194D	2B		3	E		540		HU	
		10	2251		2326	No Flare Patrol														
0191	MITK	10	2348	2349	2350	N16	W43	9070	07	7.7	2	SN					2349	28	0.4	D
0192	URUM	11	0140E	0140	0200	S17	W50	9068	07	7.3	20D	SN			P		80	1.4	E	
0193	LEAR	11	0322E	0347	0545	N18	W44	9070	07	7.8	143D	SF		3	E		86		F	
0194	LEAR	11	0330E	0335U	0344D	N19	W57	9070	07	6.8	14D	SF		2	E		60		F	
0195		11	04465	04535	0513	N17	W46	9070	07	7.7	27	SN					93	1.2	DE	
	SVTO	11	0430E	0457	0526	N17	W47	9070	07	7.6	56D	1N		3	E		116			
	URUM	11	0446	0453	0453D	N17	W43	9070	07	7.9	7D	SF			P		129	1.9	E	
	MITK	11	0451	0458	0500	N16	W47	9070	07	7.6	9	SN				0458	35	0.5	D	
0196		11	0447*	0457*	0508	N18	E46	9077	07	14.7	21	SF					30			
	SVTO	11	0447	0457	0505	N18	E46	9077	07	14.7	18	SF		3	E		25			
	SVTO	11	0506	0508	0510	N18	E46	9077	07	14.7	4	SF		3	E		34			
0197		11	0617	06172	0631	N18	W41	9070	07	8.1	14	SF					25		F	
	SVTO	11	0617	0617	0627	N18	W41	9070	07	8.1	10	SF		3	E		11		F	
	LEAR	11	0617	0619	0635	N19	W41	9070	07	8.1	18	SF		3	E		39		F	
0198		11	0617*	06481	0655	N18	E44	9077	07	14.6	38	SF					61	0.1	DF	
	SVTO	11	0617	0648	0657	N18	E44	9077	07	14.6	40	SF		3	E		87			
	LEAR	11	0617	0648	0659	N18	E45	9077	07	14.7	42	SF		3	E		88		F	
	MITK	11	0649	0649	0650	N19	E42	9077	07	14.5	1	SN				0649	7	0.1	D	



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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)	
0199		11	07128	0713*	0722	N11	W72	9066	07	5.9	10	SF					17		
	SVTO	11	0712	0713	0718	N13	W68	9066	07	6.2	6	SF		3	E		14		
	SVTO	11	0720	0723	0727	N09	W75	9066	07	5.7	7	SF		3	E		20		
0200	SVTO	11	0715	0719	0723	N21	E58	9084	07	15.7	8	SF		3	E		13		
0201	SVTO	11	0748	0756	0804	N17	W49	9070	07	7.6	16	SF		3	E		34		F
0202	LEAR	11	0750	0757	0814	N19	W41	9070	07	8.2	24	SF		3	E		32		FH
0203	SVTO	11	0805	0828	0847	N19	E38	9077	07	14.2	42	SF		3	E		44		
0204		11	08211	08232	0836	S17	W24	9073	07	9.5	15	SF					28		F
	LEAR	11	0821	0823	0836	S17	W24	9073	07	9.5	15	SF		3	E		39		F
	SVTO	11	0822	0825	0835	S17	W24	9073	07	9.5	13	SF		3	E		18		
0205	SVTO	11	0854	0857	0906	N18	E22	9077	07	13.0	12	SF		3	E		14		
0206	SVTO	11	1036	1037	1040	N03	E73	9081	07	16.9	4	SF		3	E		10		
0207	SVTO	11	1044	1048	1050	N03	E73	9081	07	16.9	6	SF		3	E		14		
0208	SVTO	11	1111	1115	1122	N03	E74	9081	07	17.0	11	SF		3	E		21		
0209	RAMY	11	1129	1130	1135	N18	W50	9070	07	7.7	6	SN		3	E		43		
0210		11	11331	1140	1646	N16	E39	9077	07	14.4	313	1B					203		FU
	RAMY	11	1133	1140	1836	N16	E40	9077	07	14.5	423	1B		3	E		238		FU
	SVTO	11	1134	1140	1455	N17	E38	9077	07	14.4	201	1B		3	E		168		
0211		11	12091	1211	1217	S18	W46	9069	07	8.0	8	SF					28		
	RAMY	11	1209	1211	1220	S17	W47	9069	07	7.9	11	SF		3	E		37		
	SVTO	11	1210	1211	1214	S18	W44	9069	07	8.1	4	SF		3	E		20		
0212	RAMY	11	1231	1231	1236	S18	W42	9069	07	8.3	5	SF		3	E		10		
0213	HOLL	11	1320E	1323U	1837	N18	E27	9077	07	13.6	317D	2N		3	E		514		FHU
0214	HOLL	11	1322E	1325	1335	N15	W56	9072	07	7.3	13D	SF		3	E		18		
0215		11	1325	13251	1329	S17	W46	9069	07	8.1	4	SF					34		
	SVTO	11	1325	1325	1329	S17	W47	9069	07	8.0	4	SF		3	E		21		
	RAMY	11	1325	1326	1329	S17	W47	9069	07	8.0	4	SF		3	E		35		
	HOLL	11	1325	1326	1330	S18	W43	9069	07	8.3	5	SF		3	E		47		
0216	HOLL	11	1334	1335	1338	S22	W61	9068	07	6.9	4	SF		3	E		20		
0217	HOLL	11	1338	1340	1348	S22	W61	9068	07	6.9	10	SF		3	E		31		
0218	HOLL	11	1334	1335	1338	S21	W78	9067	07	5.6	4	SF		3	E		20		
0219	HOLL	11	1338	1340	1348	S21	W78	9067	07	5.6	10	SF		3	E		31		
0220	HOLL	11	1407	1410	1413	N19	W44	9070	07	8.2	6	SF		3	E		18		
0221	RAMY	11	1532	1533	1537	S18	W66	9068	07	6.6	5	SF		3	E		11		
0222		11	1538	15392	1548	S17	W48	9069	07	8.0	10	SF					48		
	RAMY	11	1538	1539	1545	S16	W48	9069	07	8.0	7	SF		3	E		37		
	HOLL	11	1538	1541	1551	S18	W48	9069	07	8.0	13	SF		3	E		58		
0223	SVTO	11	1556	1603	1609	N18	E18	9077	07	13.0	13	SF		2	E		14		
0224	HOLL	11	1557	1605	1622	S20	W58	9068	07	7.2	25	SF		3	E		40		
0225	HOLL	11	1625	1627	1658	S21	W58	9068	07	7.2	33	SF		3	E		40		
0226	HOLL	11	1658	1700	1703	N20	W65	9065	07	6.7	5	SF		3	E		15		

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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)					
0227	HOLL	11	1706	1708	1715	N20	W65	9065	07	6.7	9	SF		3	E		18						
0228		11	1716	17161	1736	S20	W30	9073	07	9.4	20	SF					32		F				
	HOLL	11	1716	1716	1740	S20	W30	9073	07	9.4	24	SF		3	E		24		F				
	RAMY	11	1716	1717	1732	S19	W31	9073	07	9.3	16	SF		3	E		39						
0229		11	1733	1733	1743	S18	W32	9073	07	9.3	10	SF					23						
	RAMY	11	1733	1733	1742	S18	W34	9073	07	9.1	9	SF		3	E		16						
	RAMY	11	1733	1733	1744	S19	W30	9073	07	9.4	11	SF		3	E		30						
0230	HOLL	11	1809	1817	1828	S18	W49	9069	07	8.0	19	SF		3	E		20		F				
0231	RAMY	11	1831	1837	1848	N18	W49	9070	07	8.0	17	SF		3	E		20						
0232		11	1848	18493	1928	S20	W32	9073	07	9.3	40	SF					66						
	HOLL	11	1848	1849	1926	S20	W31	9073	07	9.4	38	SF		3	E		77						
	RAMY	11	1848	1852	1929	S19	W33	9073	07	9.3	41	SF		3	E		56						
0233	RAMY	11	1849	1854	1909	N19	W43	9070	07	8.5	20	SF		3	E		66						
0234	HOLL	11	1849	1900	1929	N16	W56	9070	07	7.5	40	1N		3	E		151		F				
0235	RAMY	11	1903	1903	1915	N16	E33	9077	07	14.3	12	SF		3	E		18						
0236	HOLL	11	1921	1925	1945	N17	E28	9077	07	13.9	24	SF		3	E		44						
0237	HOLL	11	2032	2037	2057	S21	W45	9069	07	8.4	25	SF		3	E		70						
0238	HOLL	11	2039	2105	2150	N17	W57	9070	07	7.5	71	SF		3	E		58						
0239	HOLL	11	2103	2104	2120	S18	W47	9069	07	8.3	17	SF		3	E		16						
0240	HOLL	11	2129	2133	2142	S18	W47	9069	07	8.3	13	SF		3	E		44						
0241	HOLL	11	2143	2150	2214	S18	W47	9069	07	8.3	31	SF		3	E		23						
																					11 2240	2338	No Flare Patrol
																					11 2354	2400	No Flare Patrol
																					12 0000	0109	No Flare Patrol

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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)	
0255		12	1136	1140	1150	N18	W64	9070	07	7.6	14	SF					40		
	RAMY	12	1136	1140	1148	N19	W63	9070	07	7.7	12	SF		3	E		31		
	SVTO	12	1139E	1139U	1151	N17	W65	9070	07	7.5	12D	SF		3	E		48		
0256	SVTO	12	1148	1149	1157	N17	E18	9077	07	13.8	9	SF		3	E		39		
0257	SVTO	12	1157	1158	1205	N18	W66	9070	07	7.5	8	SF		3	E		32		
0258	SVTO	12	1207	1211	1212	N17	E18	9077	07	13.9	5	SF		3	E		24		
0259	SVTO	12	1216	1219	1224	N17	E18	9077	07	13.9	8	SF		3	E		21		
0260	SVTO	12	1224	1227	1230	N19	W61	9070	07	7.9	6	SF		3	E		34		
0261	SVTO	12	1304	1304	1307	N18	W66	9070	07	7.5	3	SF		3	E		12		
0262		12	1347*	1401*	1413	N19	W64	9070	07	7.7	26	SF					49		
	RAMY	12	1347	1545	1636D	N19	W67	9070	07	7.5	169D	SF		3	E		78		
	SVTO	12	1358	1401	1413	N19	W62	9070	07	7.8	15	SF		3	E		20		
0263	RAMY	12	1408	1408	1412	N17	E31	9077	07	14.9	4	SF		3	E		36		
0264		12	1630	1634	1643	N18	E28	9077	07	14.8	13	SF					56		F
	HOLL	12	1618E	1624U	1734D	N20	E27	9077	07	14.7	76D	SF		3	E		77		
	SVTO	12	1630	1634	1643	N18	E27	9077	07	14.7	13	SF		3	E		33		F
	RAMY	12	1631E	1631U	1636D	N17	E29	9077	07	14.9	5D	SF		3	E		57		F
0265		12	1630	1646	1727	N17	W68	9070	07	7.5	57	SF					78		F
	HOLL	12	1610E	1643U	1735D	N16	W68	9070	07	7.5	85D	SF		3	E		69		
	SVTO	12	1630	1646	1727	N18	W68	9070	07	7.5	57	SF		3	E		87		F
0266	SVTO	12	1718	1718	1722	S18	W62	9069	07	8.0	4	SF		3	E		28		
		12	1735		1740	No Flare Patrol													
0267	HOLL	12	1743E	1743U	1913D	N19	E27	9077	07	14.8	90D	SF		3	E		70		
0268	HOLL	12	1744E	1746U	1751D	N16	W59	9070	07	8.3	7D	SF		3	E		25		
0269	HOLL	12	1804	1808	1815	N22	E40	9080	07	15.8	11	SF		3	E		14		
		12	1820		1852	No Flare Patrol													
0270	HOLL	12	1848E	1848U	1957D	N16	W64	9070	07	7.9	69D	2F		3	E		264		
		12	1930		1955	No Flare Patrol													
0271	HOLL	12	2009	2013	2016	N17	W65	9070	07	7.9	7	SF		3	E		13		F
0272	HOLL	12	2019E	2024U	2151D	N17	W66	9070	07	7.8	92D	SF		3	E		36		
0273	HOLL	12	2022	2024	2038	N15	E76	9085	07	18.6	16	SF		3	E		51		
		12	2102		2148	No Flare Patrol													
0274	HOLL	12	2150E	2200U	2221	N18	E27	9077	07	15.0	31D	SF		3	E		47		
		12	2223		2400	No Flare Patrol													
		13	0000		0126	No Flare Patrol													
0275	URUM	13	0202	0205	0207D	S16	W71	9069	07	7.7	5D	SB			P		32		D
0276	SVTO	13	0430	0430	0436	N15	E71	9085	07	18.6	6	SF		3	E		40		
0277		13	04452	04481	0455	N20	W72	9070	07	7.7	10	SN					40		D
	URUM	13	0445	0449	0449D	N20	W73	9070	07	7.6	4D	SB			P		32		D
	SVTO	13	0447	0448	0455	N19	W70	9070	07	7.8	8	SF		3	E		48		
0278	SVTO	13	0453	0510	0517	N15	E71	9085	07	18.6	24	SF		3	E		36		

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						Region	Lat CMD									Apparent (10-6 Disk)	Corr (Sq Deg)	
0279	SVTO	13	0505	0506	0511	N17 W80	9070	07	7.1	6	SF		3	E			34	
0280	SVTO	13	0518	0519	0526	N18 W78	9070	07	7.3	8	SF		3	E			25	
0281	SVTO	13	0522	0523	0530	S17 W76	9069	07	7.4	8	SF		3	E			26	
0282	SVTO	13	0524	0532	0546	N12 E65	9085	07	18.1	22	SF		3	E			56	
0283	SVTO	13	0536	0540	0544	N03 E50	9081	07	17.0	8	SF		3	E			52	
0284	SVTO	13	0555	0557	0621	N03 E50	9081	07	17.0	26	SF		3	E			52	
0285	SVTO	13	0557	0604	0609	N12 E65	9085	07	18.1	12	SF		3	E			56	
0286	SVTO	13	0610	0627	0642	N12 E65	9085	07	18.1	32	SF		3	E			25	
0287	SVTO	13	0611	0612	0628	N19 W66	9070	07	8.2	17	SF		3	E			27	
0288	SVTO	13	0631	0640	0705	N19 W66	9070	07	8.2	34	SF		3	E			53	H
0289	SVTO	13	0703E	0704U	0734D	N19 E32	9084	07	15.7	31D	SF		3	E			60	
0290	SVTO	13	0708	0709	0715	N03 E49	9081	07	16.9	7	SF		3	E			62	
0291	SVTO	13	0708E	0817U	0849	N12 E64	9085	07	18.1	101D	SF		3	E			57	
			13 0735		0939	No Flare Patrol												
0292	SVTO	13	0816E	0816U	0822	N03 E49	9081	07	17.0	6D	SF		3	E			12	
0293		13	1058	1100	1129	N16 E14	9077	07	14.5	31	SF						19	
	RAMY	13	1058	1100	1129	N15 E15	9077	07	14.6	31	SF		3	E			19	
	KANZ	13	1059E		1103D	N16 E14	9077	07	14.5	4D	SF		2	C				
0294	RAMY	13	1114	1115	1128	N13 E67	9085	07	18.5	14	SF		3	E			17	H
0295	RAMY	13	1117	1122	1151	N20 W73	9070	07	7.9	34	SF		3	E			35	FH
0296	RAMY	13	1129	1130	1144	N25 E33	9084	07	16.0	15	SF		3	E			27	
0297	RAMY	13	1143	1153	1222	N15 E17	9077	07	14.8	39	SF		3	E			12	
0298	RAMY	13	1153	1211	1217	N20 W73	9070	07	7.9	24	SF		3	E			60	FH
0299	RAMY	13	1209	1217	1305	N13 E68	9085	07	18.6	56	SF		3	E			88	F
0300	RAMY	13	1215	1217	1221	N01 E50	9081	07	17.2	6	SF		3	E			15	
0301	RAMY	13	1306	1307	1325	N13 E68	9085	07	18.7	19	SF		3	E			37	FH
0302		13	1311	1434	1500	N19 E06	9077	07	14.0	109	SF						42	FH
	RAMY	13	1311	1434	1502	N19 E07	9077	07	14.1	111	SF		3	E			45	
	SVTO	13	1323E	1332U	1459	N19 E06	9077	07	14.0	96D	SF		3	E			39	FH
0303	RAMY	13	1352	1354	1359	N01 E49	9081	07	17.2	7	SF		3	E			43	
0304	RAMY	13	1400	1401	1405	N20 W74	9070	07	7.9	5	SF		3	E			18	H
0305	RAMY	13	1357	1401	1407	N12 E67	9085	07	18.6	10	SF		3	E			23	
0306	RAMY	13	1413	1414	1417	N13 E67	9085	07	18.6	4	SF		3	E			14	
0307	RAMY	13	1424	1448	1453	N20 W74	9070	07	7.9	29	SF		3	E			35	
0308	RAMY	13	1506	1507	1513	N19 W78	9070	07	7.7	7	SF		3	E			19	
0309	RAMY	13	1515	1515	1523	N13 E66	9085	07	18.6	8	SF		3	E			11	
0310	RAMY	13	1521	1526	1531	N19 W79	9070	07	7.6	10	SF		3	E			45	H

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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)		
0311	RAMY	13	1530	1532	1541	N13	E66	9085	07	18.6	11	SF	3	E		18			
0312	RAMY	13	1541	1546	1601	N20	E28	9084	07	15.8	20	SF	3	E		35		F	
0313	RAMY	13	1548	1557	1611	N19	W78	9070	07	7.7	23	SF	3	E		48		FH	
0314	RAMY	13	1549	1601	1631	N16	E09	9077	07	14.3	42	SF	3	E		28		FH	
0315		13	1605*	1612*	1635	N13	E67	9085	07	18.7	30	SF				76		FH	
	RAMY	13	1605	1612	1645	N13	E65	9085	07	18.6	40	1N	3	E		125		FH	
	SVTO	13	1608	1612	1621	N14	E66	9085	07	18.7	13	SF	3	E		72			
	SVTO	13	1626	1632	1638	N12	E69	9085	07	18.9	12	SF	3	E		31			
0316		13	16124	16221	1718	N20	W76	9070	07	7.9	66	1N				170		FH	
	RAMY	13	1612	1623	1745	N20	W76	9070	07	7.9	93	1B	3	E		233		FH	
	SVTO	13	1616	1622	1650	N19	W75	9070	07	7.9	34	1F	3	E		107			
0317	RAMY	13	1656	1702	1705	N01	E47	9081	07	17.2	9	SF	3	E		10			
0318	RAMY	13	1700	1700	1712	N16	E11	9077	07	14.5	12	SF	3	E		13			
0319	SVTO	13	1706	1709	1713	N19	W73	9070	07	8.1	7	SF	3	E		15			
0320	RAMY	13	1715	1723	1735	N12	E63	9085	07	18.5	20	SF	3	E		43			
0321	RAMY	13	1742	1742	1746	N12	E65	9085	07	18.6	4	SF	3	E		11			
0322	RAMY	13	1752	1758	1815	N19	W82	9070	07	7.5	23	1N	3	E		106		FH	
0323	RAMY	13	1813	1815	1907	N16	E10	9077	07	14.5	54	SF	3	E		57		F	
0324	RAMY	13	1835	1836	1840	N20	W75	9070	07	8.0	5	SF	3	E		16		F	
0325	HOLL	13	1846	1855U	1934	N18	E08	9077	07	14.4	48	1F	1	E		137			
0326	RAMY	13	1853	1853	1856	N20	W77	9070	07	7.9	3	SF	3	E		15			
0327	RAMY	13	1858	1906	1910	N20	W77	9070	07	7.9	12	SF	3	E		66			
0328	HOLL	13	1922	1922	1928	N16	E62	9085	07	18.5	6	SF	3	E		29			
0329	RAMY	13	1944	1944	1948	N19	W81	9070	07	7.6	4	SF	3	E		31			
			2003		2022	No Flare Patrol													
			2028		2039	No Flare Patrol													
			2047		2057	No Flare Patrol													
			2126		2153	No Flare Patrol													
			2207		2400	No Flare Patrol													
			0000		0142	No Flare Patrol													
0330	URUM	14	0408	0412	0442	N18	W03	9077	07	13.9	34	SB		C		161	1.7	E	
0331	LEAR	14	0430E	0447U	0520	N20	W02	9077	07	14.0	50D	SF	2	E		97		F	
			0524		0603	No Flare Patrol													
0332	SVTO	14	0735	0746	0811	N16	E02	9077	07	14.5	36	SF	3	E		52		F	
0333	LEAR	14	0802E	0816U	0900D	N17	W01	9077	07	14.2	58D	1F	3	E		141		F	
0334	LEAR	14	0809	0828	0900D	N14	E53	9085	07	18.3	51D	1F	3	E		101		EF	
			0914		0927	No Flare Patrol													
			0941		1019	No Flare Patrol													
0335	SVTO	14	1012E	1021U	1146	N22	W07	9077	07	13.9	94D	3B	3	E		656		U	
0336	RAMY	14	1053E	1102U	1330	N17	E01	9077	07	14.5	157D	2B	3	E		319		U	

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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	Time (UT)	Area Measurement		Remarks	
																	Apparent (10-6 Disk)	Corr (Sq Deg)		
0337	RAMY	14	1102	1103	1231	N18	E14	9084	07	15.5	89	SF		3	E			45		
0338	RAMY	14	1102E	1104U	1136	S19	W69	9073	07	9.2	34D	SF		3	E			29		
0339	RAMY	14	1102E	1106U	1143	S17	W79	9069	07	8.4	41D	SF		3	E			67		
0340	SVTO	14	1254E	1256U	1317	S09	W01	9002	07	14.5	23D	SF		3	E			40		
0341	RAMY	14	1300	1300	1337	N12	E50	9085	07	18.3	37	SF		3	E			96		
0342	SVTO	14	1346	1350U	1424D	N20	W08	9077	07	14.0	38D	1N		3	E			234	HU	
			14 1431		1445	No Flare Patrol														
			14 1455		1542	No Flare Patrol														
0343		14	15522	15577	1636	N14	E50	9085	07	18.4	44	SF						50		
	RAMY	14	1552	1557	1640	N13	E50	9085	07	18.4	48	SF		3	E			59		
	HOLL	14	1554	1604	1633	N16	E50	9085	07	18.4	39	SF		3	E			42		
0344		14	16373	16411	1706	S10	W03	9082	07	14.5	29	1F						90		
	HOLL	14	1637	1641	1706	S09	W02	9082	07	14.5	29	SF		3	E			67		
	RAMY	14	1640	1642	1707	S12	W04	9082	07	14.4	27	1F		3	E			112		
0345	RAMY	14	1710	1712	1713	S10	W04	9082	07	14.4	3	SF		3	E			11		
0346		14	1641*	1657	1713	N14	E50	9085	07	18.5	32	SF						45		
	HOLL	14	1641	1657	1713	N16	E49	9085	07	18.4	32	SF		3	E			33		
	RAMY	14	1652	1657	1713	N13	E50	9085	07	18.5	21	SF		3	E			57		
0347	HOLL	14	1845	1847	1909	N19	E33	9088	07	17.3	24	SF		3	E			35	F	
0348	HOLL	14	1914	1920	1936	N22	E12	9084	07	15.7	22	SF		3	E			114	H	
0349	HOLL	14	1926	1931	1942	N16	W03	9077	07	14.6	16	SF		3	E			21	F	
0350	HOLL	14	2030	2034	2042	S11	W02	9082	07	14.7	12	SF		3	E			16	F	
			14 2324		2331	No Flare Patrol														
0351	LEAR	14	2358	2410	2418	N14	E45	9085	07	18.4	20	SF		3	E			17		
0352	LEAR	15	0042	0046	0053	N14	E47	9085	07	18.6	11	SF		3	E			20		
0353	LEAR	15	0120	0121	0131	N14	E45	9085	07	18.4	11	SF		3	E			44	F	
0354	LEAR	15	0251	0252	0259	N16	W10	9077	07	14.4	8	SF		3	E			12	F	
0355	LEAR	15	0344	0347	0418	N17	W11	9077	07	14.3	34	SF		3	E			33	F	
0356	LEAR	15	0418	0418	0423	N16	W11	9077	07	14.3	5	SF		3	E			15	F	
0357	LEAR	15	0512	0512	0533	N18	W13	9077	07	14.2	21	SF		3	E			38		
0358	LEAR	15	0526	0541	0609	S13	W23	9078	07	13.5	43	SF		3	E			25		
0359	LEAR	15	0610	0612	0614	S13	W23	9078	07	13.5	4	SF		3	E			20		
0360	LEAR	15	0555	0601	0641	S09	W13	9082	07	14.3	46	1F		3	E			105		
0361	LEAR	15	0720	0720	0724	S13	E67	9087	07	20.4	4	SF		3	E			30		
0362	LEAR	15	0754	0800	0826	S10	E62	9087	07	20.0	32	SF		3	E			67		
0363	LEAR	15	0822	0826	0908D	N16	W12	9077	07	14.4	46D	SF		3	E			86		
			15 0833		0905	No Flare Patrol														
			15 0946		0954	No Flare Patrol														
0364	KHAR	15	0955E		1002	S24	W90	9073	07	8.4	7D	SN		2	P	0955		80	DL	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/	CMP	Dur	Imp	Obs	Area	Measurement	Corr	Remarks	
								USAFA									Region
0365	KHAR	15	1007	1019	1030	S19	W90	9073	07	8.5	23	1N	2	P	1007	210	LO
0366	KHAR	15	1110	1115	1120	S24	W90	9073	07	8.5	10	SF	2	V			L
0367	KHAR	15	1120U	1122	1130	N22	E02	9084	07	15.6	10U	SF	2	P	1125	30	0.3 DL
0368	RAMY	15	1405	1410	1421	N17	W14	9077	07	14.5	16	SF	3	E		30	
0369	RAMY	15	1432	1437	1444	S09	W18	9082	07	14.2	12	SF	3	E		22	F
0370	RAMY	15	1551	1555	1602	S13	E64	9087	07	20.5	11	SF	3	E		12	
0371	RAMY	15	1724	1725	1734	N17	W20	9077	07	14.2	10	SF	3	E		19	
0372	HOLL	15	1803	1804	1812	N19	E20	9088	07	17.3	9	SF	3	E		16	
0373	HOLL	15	1830	1832	1847	N16	W16	9077	07	14.5	17	SF	3	E		22	
0374	HOLL	15	1853	1853	1857	S12	E61	9087	07	20.4	4	SF	3	E		23	
0375	RAMY	15	1915	1916	1924	S11	W35	9078	07	13.2	9	SF	3	E		20	
0376	RAMY	15	1919	1920	1923	N19	W24	9077	07	14.0	4	SF	3	E		20	
0377	HOLL	15	2036	2038	2041	S09	E57	9087	07	20.1	5	SF	3	E		14	
0378	HOLL	15	2039	2040	2043	N17	W18	9077	07	14.5	4	SF	3	E		20	F
0379	HOLL	15	2044	2046	2132	N16	E35	9085	07	18.5	48	SF	3	E		13	F
		15	2104		2106	No Flare Patrol											
0380	HOLL	15	2121	2123	2139	S12	E59	9087	07	20.3	18	SF	3	E		38	
0381	HOLL	15	2146	2146	2211	S09	W19	9082	07	14.5	25	SF	3	E		39	
0382	HOLL	15	2202	2205	2214	S08	E56	9087	07	20.1	12	SF	3	E		20	F
0383	HOLL	15	2216	2217	2232	S08	E55	9087	07	20.0	16	SF	3	E		68	FH
0384	HOLL	15	2258	2301	2317	S14	E60	9087	07	20.5	19	SF	3	E		84	
0385	HOLL	15	2313	2314	2328	N03	E16	9081	07	17.2	15	SF	3	E		33	
		16	0011		0031	No Flare Patrol											
0386	LEAR	16	0122E	0125	0147	S11	E53	9087	07	20.0	25D	1N	3	E		167	EF
0387	LEAR	16	0205	0205	0214D	N09	E81	9090	07	22.2	9D	1N	3	E		122	E
0388		16	0612	0612	0623	S08	W25	9082	07	14.4	11	SN				27	0.1 DFH
	SVTO	16	0610E	0610U	0633	S08	W25	9082	07	14.4	23D	SF	3	E		47	FH
	MITK	16	0612	0612	0613	S09	W25	9082	07	14.4	1	SN			0612	7	0.1 D
0389	MITK	16	0724	0725	0726	S08	W55	9078	07	12.2	2	SN			0725	86	1.6 D
0390	SVTO	16	0940	0941	0945	S09	E53	9087	07	20.4	5	SF	3	E		21	
		16	1016		1039	No Flare Patrol											
0391	RAMY	16	1158E	1158U	1204D	S12	E53	9087	07	20.5	6D	SF	2	E		23	
0392		16	1425	1429	1435	S13	E54	9087	07	20.7	10	SF				16	
	RAMY	16	1425	1429	1434	S15	E54	9087	07	20.7	9	SF	3	E		17	
	HOLL	16	1425	1429	1436	S11	E53	9087	07	20.6	11	SF	3	E		14	
0393		16	1429	14301	1438	N16	W39	9077	07	13.6	9	SF				28	
	RAMY	16	1429	1430	1438	N17	W39	9077	07	13.6	9	SF	3	E		29	
	HOLL	16	1429	1431	1437	N14	W39	9077	07	13.6	8	SF	3	E		28	

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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)	
0394		16	1440	1440	1449	N14	E24	9085	07	18.4	9	SF				34		F
	RAMY	16	1440	1440	1449	N13	E25	9085	07	18.5	9	SF	3	E		38		
	HOLL	16	1440	1440	1449	N16	E23	9085	07	18.3	9	SF	3	E		30		F
0395	RAMY	16	1444	1444	1455	N19	E09	9088	07	17.3	11	SF	3	E		25		
0396	RAMY	16	1510	1510	1520	S13	E51	9087	07	20.5	10	SF	3	E		26		
0397		16	1522	1531	1552	N17	W30	9077	07	14.4	30	SF				42		F
	RAMY	16	1522	1531	1554	N18	W29	9077	07	14.4	32	SF	3	E		54		
	HOLL	16	1523	1531	1551	N16	W31	9077	07	14.3	28	SF	3	E		31		F
0398		16	1523	1534	1552	S10	E44	9087	07	19.9	29	SF				62		F
	HOLL	16	1523	1534	1551	S09	E45	9087	07	20.0	28	SF	3	E		48		F
	RAMY	16	1523	1535	1552	S12	E44	9087	07	19.9	29	SF	3	E		75		
0399	RAMY	16	1612	1612	1616	N12	E26	9085	07	18.6	4	SF	3	E		22		H
0400		16	1636	1639	1651	N18	W28	9077	07	14.5	15	SF				13		F
	HOLL	16	1636	1641	1651	N18	W29	9077	07	14.5	15	SF	3	E		12		F
	RAMY	16	1637	1639	1651	N19	W26	9077	07	14.7	14	SF	3	E		14		
0401		16	1724	1728	1734	N18	W30	9077	07	14.4	10	SF				12		
	HOLL	16	1724	1728	1734	N18	W29	9077	07	14.5	10	SF	3	E		13		
	RAMY	16	1728	1729	1733	N19	W30	9077	07	14.4	5	SF	3	E		11		
0402		16	1728	1734	1757	S06	E70	9091	07	22.0	29	1F				204		H
	RAMY	16	1728	1734	1757	S09	E71	9091	07	22.0	29	1F	3	E		216		H
	HOLL	16	1728	1734	1757	S04	E70	9091	07	22.0	29	1F	3	E		193		
0403	HOLL	16	1804	1807	1815	N16	W31	9077	07	14.4	11	SF	3	E		12		
0404		16	1805	1806	1810	S11	E47	9087	07	20.3	5	SF				16		F
	RAMY	16	1805	1806	1810	S12	E48	9087	07	20.4	5	SF	3	E		18		
	HOLL	16	1806	1806	1810	S10	E46	9087	07	20.2	4	SF	3	E		14		F
0405	RAMY	16	1827	1827	1832	S13	E44	9087	07	20.1	5	SF	3	E		11		
0406	HOLL	16	1828	1833	1836	N15	E76	9090	07	22.5	8	SF	3	E		40		
0407	RAMY	16	1828	1830	1834	N05	E79	9090	07	22.7	6	SF	3	E		19		
0408		16	1847	1847	1851	S11	E44	9087	07	20.1	4	SF				28		
	RAMY	16	1847	1847	1851	S13	E44	9087	07	20.1	4	SF	3	E		27		
	HOLL	16	1847	1847	1851	S09	E45	9087	07	20.2	4	SF	3	E		29		
0409	RAMY	16	1904	1906	1918	S13	E48	9087	07	20.4	14	SF	3	E		35		
0410		16	1936	1938	1958	S11	E48	9087	07	20.4	22	1N				98		
	RAMY	16	1936	1938	1959	S13	E48	9087	07	20.4	23	1N	3	E		107		
	HOLL	16	1937	1938	1958	S09	E48	9087	07	20.4	21	SN	3	E		88		
0411		16	2046	2049	2106	S07	E68	9091	07	21.9	20	1N				214		
	HOLL	16	2046	2049	2106	S04	E68	9091	07	21.9	20	1N	3	E		218		
	RAMY	16	2046	2049	2106	S10	E69	9091	07	22.0	20	1N	3	E		211		
0412	HOLL	16	2058	2058	2105	N15	E67	9090	07	21.9	7	SF	3	E		13		
0413		16	2101	2103	2114	N18	W32	9077	07	14.4	13	SF				33		
	RAMY	16	2101	2103	2113	N19	W32	9077	07	14.4	12	SF	3	E		30		
	HOLL	16	2102	2104	2114	N16	W33	9077	07	14.4	12	SF	3	E		36		
0414	HOLL	16	2149	2152	2219	N14	E76	9090	07	22.6	30	1N	3	E		139		F
0415	RAMY	16	2150	2152U	2215D	N07	E75	9090	07	22.5	25D	SF	3	E		96		F
0416	HOLL	16	2155	2155	2158	N19	W13	9084	07	15.9	3	SF	3	E		14		



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																Apparent (10-6 Disk)	Corr (Sq Deg)		
0417		16	2241	2243	2258	S10	E45	9087	07	20.3	17	SF				18			
	HOLL	16	2241	2243	2258	S08	E46	9087	07	20.4	17	SF	3	E		20			
	RAMY	16	2243E	2243U	2246D	S13	E44	9087	07	20.3	3D	SF	2	E		15			
0418		16	23414	2352*	2451	N17	W40	9077	07	13.9	70	2F				251	1.0	EFU	
	LEAR	16	2341	2406	2513	N17	W38	9077	07	14.1	92	2F	3	E		322		F	
	HOLL	16	2342	2401U	2522	N18	W42	9077	07	13.8	100	2F	3	E		360		UF	
	MITK	16	2345	2352	2359	N15	W40	9077	07	14.0	14	SN			2352	70	1.0	E	
0419	LEAR	17	0002	0005	0012	N11	E76	9090	07	22.7	10	SN	3	E		88		E	
0420	HOLL	17	0002	0003	0013	N15	E65	9090	07	21.9	11	SF	3	E		41			
0421		17	00263	00423	0103	N18	E04	9088	07	17.3	37	SF				14			
	LEAR	17	0026	0042	0102	N19	E03	9088	07	17.2	36	SF	3	E		14			
	HOLL	17	0029	0045	0104	N18	E04	9088	07	17.3	35	SF	3	E		15			
0422		17	0032	0033	0051	S11	E46	9087	07	20.5	19	1N				91		EFH	
	LEAR	17	0032	0033	0048	S12	E46	9087	07	20.5	16	SN	3	E		80		E	
	HOLL	17	0032	0033	0054	S10	E45	9087	07	20.4	22	1F	3	E		102		FH	
0423	HOLL	17	0040	0055	0115	N22	W17	9084	07	15.7	35	SF	3	E		15			
0424	LEAR	17	0041	0041	0105	N19	W12	9084	07	16.1	24	SF	3	E		11		F	
0425	HOLL	17	0050	0051	0055	N15	E65	9090	07	21.9	5	SF	3	E		28			
0426	HOLL	17	0103	0104	0109	N15	E64	9090	07	21.9	6	SF	3	E		28			
0427	LEAR	17	0238	0238	0256	S12	E37	9087	07	19.9	18	SF	3	E		20		F	
0428	LEAR	17	0239	0240	0248	N17	W31	9077	07	14.7	9	SF	3	E		12			
0429	LEAR	17	0251	0320	0340	N18	W44	9077	07	13.8	49	SF	4	E		44		F	
0430	LEAR	17	0435E	0437U	0501	N18	W32	9077	07	14.7	26D	SF	3	E		81		F	
0431	LEAR	17	0513	0513	0521	N03	W02	9081	07	17.1	8	SF	3	E		41			
0432	LEAR	17	0527	0531	0544	N13	E73	9090	07	22.7	17	SN	3	E		56			
0433		17	0621	06303	0648	N18	W40	9077	07	14.2	27	SF				75			
	SVTO	17	0621	0630	0648	N18	W40	9077	07	14.2	27	SF	3	E		75			
	KANZ	17	0627E	0633	0648	N17	W39	9077	07	14.3	21D	SF	2	C					
0434		17	07088	0710*	0718	S10	E38	9087	07	20.1	10	SF				22			
	SVTO	17	0708	0710	0715	S08	E36	9087	07	20.0	7	SF	3	E		24			
	KANZ	17	0709	0711	0718	S09	E37	9087	07	20.1	9	SF	2	C					
	SVTO	17	0716	0720	0722	S13	E41	9087	07	20.4	6	SF	3	E		19			
0435	KANZ	17	0742	0743	0746	S09	E37	9087	07	20.1	4	SF	2	C					
0436	KANZ	17	0805	0806	0812	N17	W39	9077	07	14.4	7	SF	2	C					
0437		17	0826	0839	0849	S11	E38	9087	07	20.2	23	1F				152		FHLO	
	KANZ	17	0826	0839	0850	S13	E39	9087	07	20.3	24	1F	2	C					
	SVTO	17	0830E	0842U	0850	S10	E36	9087	07	20.0	20D	1F	3	E		114		FH	
	KHAR	17	0835E		0848	S09	E38	9087	07	20.2	13D	1N	2	P	0838	190		HLO	
0438	KHAR	17	0847U		0852	S13	W40	9082	07	14.3	5U	SF	2	V				DH	
0439		17	0923	0924	0932	N14	E71	9090	07	22.7	9	SN				66			
	SVTO	17	0923	0924U	0931	N15	E71	9090	07	22.8	8	SF	3	E		66			
	KANZ	17	0923	0924	0932	N14	E71	9090	07	22.7	9	SN	2	C					
0440	KHAR	17	0935E		0943	S09	E29	9087	07	19.6	8D	1F	2	V				E	
0441	KHAR	17	0945U		1010	S06	E38	9087	07	20.2	25U	SF	2	V				D	

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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)	
0442	KHAR	17	1029	1030	1035	S06	E38	9087	07	20.3	6	SF		2	P	1035	35		DH
0443	KHAR	17	1035	1036	1040	S08	E36	9087	07	20.1	5	SF		2	P	1035	25		D
0444	KHAR	17	1102	1103	1115	S06	E38	9087	07	20.3	13	SN		2	V				H
0445	KANZ	17	1114E		1120D	N02	W04	9081	07	17.2	6D	SF		2	C				
0446		17	11162	1118	1151	N04	W06	9081	07	17.0	35	1F					39		EF
	KHAR	17	1116	1118	1150	N03	W07	9081	07	16.9	34	1F		2	V				E
	SVTO	17	1118	1124U	1152	N04	W06	9081	07	17.0	34	SF		3	E		39		F
0447	SVTO	17	1152	1152	1159	N03	W06	9081	07	17.0	7	SF		3	E		13		
0448		17	13378	13441	1357	S08	E32	9087	07	20.0	20	2F					226		FH
	SVTO	17	1337	1344	1354	S08	E31	9087	07	19.9	17	1F		3	E		195		FH
	HOLL	17	1345	1345	1400	S08	E34	9087	07	20.1	15	2F		3	E		258		
0449		17	13421	1345*	1419	N04	W06	9081	07	17.1	37	1F					58		F
	HOLL	17	1342	1402	1435	N04	W06	9081	07	17.1	53	1F		3	E		103		
	SVTO	17	1343	1345	1403	N05	W07	9081	07	17.0	20	SF		3	E		14		F
0450		17	1359*	14101	1426	N18	W41	9077	07	14.5	27	1F					76		F
	HOLL	17	1359	1411	1436	N17	W39	9077	07	14.6	37	1F		3	E		140		F
	SVTO	17	1410	1410	1416	N19	W43	9077	07	14.3	6	SF		3	E		12		F
0451	HOLL	17	1425	1425	1429	S13	E30	9087	07	19.9	4	SF		3	E		14		
0452	HOLL	17	1438	1439	1444	S08	E33	9087	07	20.1	6	SF		3	E		15		
0453	HOLL	17	1515	1517	1520	N18	W43	9077	07	14.4	5	SF		3	E		26		
0454	HOLL	17	1544	1559	1613	S08	E34	9087	07	20.2	29	SF		3	E		16		
0455	HOLL	17	1652	1656	1703	S08	E34	9087	07	20.2	11	SF		3	E		26		
0456		17	18061	18068	1828	N18	W44	9077	07	14.4	22	1F					126		F
	RAMY	17	1806	1806	1830	N19	W47	9077	07	14.2	24	1F		3	E		205		
	HOLL	17	1807	1814	1827	N17	W42	9077	07	14.6	20	SF		3	E		48		F
0457	RAMY	17	1839	1840	1852	N19	W40	9077	07	14.7	13	SF		3	E		19		
0458		17	18336	1842	1901	S14	E36	9087	07	20.5	28	SF					16		
	RAMY	17	1833	1842	1903	S15	E36	9087	07	20.5	30	SF		3	E		18		
	HOLL	17	1839	1842	1859	S12	E36	9087	07	20.5	20	SF		3	E		15		
0459		17	1842	1844	1852	S06	E56	9091	07	22.0	10	1N					98		
	HOLL	17	1842	1844	1852	S04	E56	9091	07	22.0	10	1N		3	E		104		
	RAMY	17	1842	1844	1852	S09	E56	9091	07	22.0	10	SN		3	E		93		
0460	RAMY	17	1854	1856	1907	N18	W47	9077	07	14.2	13	SF		3	E		19		
0461	RAMY	17	1931	1933	1938	S11	E31	9087	07	20.1	7	SF		3	E		13		
0462		17	1958*	20254	2106	S10	E36	9087	07	20.5	68	2B					216		FHU
	RAMY	17	1958	2025	2113	S08	E35	9087	07	20.4	75	2B		3	E		314		UH
	HOLL	17	2016	2029	2058	S11	E36	9087	07	20.5	42	1N		3	E		118		UF
0463	RAMY	17	2007	2008	2013	N20	W06	9088	07	17.4	6	SF		3	E		19		
0464	RAMY	17	2104	2104	2110	N20	W07	9088	07	17.3	6	SF		3	E		11		
0465	RAMY	17	2117	2119	2129	S15	E26	9087	07	19.8	12	SF		3	E		34		
0466	RAMY	17	2118	2118	2123	N20	W10	9088	07	17.1	5	SF		3	E		17		
0467	HOLL	17	2231	2303	2319	S12	E30	9087	07	20.2	48	1F		3	E		117		H
0468	HOLL	17	2242	2251	2307	N17	W50	9077	07	14.1	25	SF		3	E		55		

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															Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0469	HOLL	17	2330	2336	2347	S12	E30	9087	07	20.2	17	SF	3	E		11		
0470	HOLL	17	2342	2401	2401D	N18	W42	9077	07	14.8	19D	2F	3	E		360		
0471	HOLL	18	0001	0005	0010	S12	E30	9087	07	20.3	9	SF	3	E		22		
0472	LEAR	18	0412	0413	0418	S13	E29	9087	07	20.4	6	SF	3	E		39		F
0473	LEAR	18	0458	05055	0638	N18	W57	9077	07	13.9	100	2N				218		EFU
	LEAR	18	0458	0505	0638	N17	W58	9077	07	13.8	100	2B	3	E		322		UE
	SVTO	18	0503E	0510	0610D	N18	W56	9077	07	13.9	67D	1F	3	E		114		F
0474	LEAR	18	0625	0626U	0633D	S13	E28	9087	07	20.4	8D	SF	3	E		21		
0475	LEAR	18	0709	0715	0723	N17	W54	9077	07	14.2	14	SF	3	E		26		
0476	LEAR	18	07084	0721	0756	S12	E16	9087	07	19.5	48	1F				104		F
	LEAR	18	0708	0721	0803	S13	E16	9087	07	19.5	55	1F	3	E		139		F
	SVTO	18	0712	0718U	0748	S11	E17	9087	07	19.6	36	SF	3	E		68		F
0477	LEAR	18	0757	0801	0812	N12	W04	9085	07	18.0	15	SF	3	E		21		
0478	KHAR	18	0845E	0850U	0940U	N12	E85		07	24.8	55U	1F	2	V				
0479	KHAR	18	0845E		0855D	S11	E19	9087	07	19.8	10D	SF	2	V				E
0480	SVTO	18	1000	1001	1005	N25	E07	9095	07	18.9	5	SF	3	E		17		H
0481	RAMY	18	1045	1049	1056	S10	E19	9087	07	19.9	11	SF	3	E		30		
0482	RAMY	18	1055	1104	1106	N05	E79		07	24.4	11	SF	3	E		13		H
0483	RAMY	18	1109	1109	1122	N22	E05	9095	07	18.8	13	SF	3	E		14		
0484	RAMY	18	1121	1122	1126	S15	E23	9087	07	20.2	5	SF	3	E		20		
0485	RAMY	18	1141	1141	1147	S08	E25	9087	07	20.4	6	SF	3	E		15		
0486	LEAR	18	11464	11482	1154	N16	W58	9077	07	14.1	8	SF				36		D
	KHAR	18	1146	1148	1155	N14	W58	9077	07	14.1	9	SF	2	V				D
	RAMY	18	1150	1150	1154	N19	W59	9077	07	14.0	4	SF	3	E		36		
0487	RAMY	18	1318	1320	1339	N13	W04	9085	07	18.2	21	SF	3	E		44		
0488	RAMY	18	1324	1324	1337	N19	W59	9077	07	14.0	13	SF	3	E		24		
0489	RAMY	18	1333	1335	1344	N23	E03	9095	07	18.8	11	SF	3	E		18		
0490	RAMY	18	1333	1334	1338	S14	E14	9087	07	19.6	5	SF	3	E		41		
0491	LEAR	18	1333	1336*	1344	N06	E78		07	24.4	11	SF				21		
	RAMY	18	1333	1336	1338	N05	E79		07	24.5	5	SF	3	E		11		
	HOLL	18	1340E	1346	1350	N07	E76		07	24.3	10D	SF	3	E		31		
0492	HOLL	18	1351	1634	1811	N07	E82		07	24.7	260	1F	3	E		170		U
0493	LEAR	18	1401	14183	1520	S12	E14	9087	07	19.6	79	2N				264		FU
	HOLL	18	1401	1418	1541	S14	E15	9087	07	19.7	100	2N	3	E		346		UF
	SVTO	18	1401	1421	1458	S10	E13	9087	07	19.6	57	1F	3	E		182		F
0494	RAMY	18	1401	1950	2101	S11	E04	9087	07	18.9	420	1B	3	E		221		FU
0495	LEAR	18	1402	14031	1407	N20	W60	9077	07	14.0	5	SF				18		F
	RAMY	18	1402	1403	1407	N20	W61	9077	07	13.9	5	SF	3	E		21		
	HOLL	18	1402	1404	1407	N19	W59	9077	07	14.1	5	SF	3	E		14		F
0496	RAMY	18	1540	1540	1544	N04	E81		07	24.7	4	SF	3	E		13		
0497	HOLL	18	1542	1547	1710	S11	E17	9087	07	19.9	88	SF	3	E		33		F

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)			
0498	RAMY	18	1550	1554	1605	N06	E68		07	23.7	15	SF		3	E		18				
0499	RAMY	18	1607	1607	1618	N05	E79		07	24.6	11	SF		3	E		13				
0500	RAMY	18	1622	1634	1640	N06	E68		07	23.8	18	SF		3	E		59				
0501	RAMY	18	1656	1658	1705	N03	E81		07	24.7	9	SF		3	E		39				
0502		18	1703	1703	1712	N16	W02	9085	07	18.5	9	SF					16			F	
	HOLL	18	1703	1703	1710	N16	W02	9085	07	18.5	7	SF		3	E		11			F	
	RAMY	18	1703	1703	1714	N16	W03	9085	07	18.5	11	SF		3	E		20			F	
0503	HOLL	18	1721	1735	1810	S13	E12	9087	07	19.6	49	SF		3	E		71				
0504	RAMY	18	1730	1730	1738	N23	E03	9095	07	19.0	8	SF		3	E		13				
0505	HOLL	18	1853	1944U	2210D	S14	E18	9087	07	20.1	197D	2N		3	E		308			FU	
0506	HOLL	18	1854	1859	1930	N06	E74		07	24.3	36	SF		3	E		33				
0507	HOLL	18	1927	1935	2001	N17	W61	9077	07	14.2	34	SF		3	E		29				
		18	1950		1959	No Flare Patrol															
0508	HOLL	18	2019	2022	2032	N07	E83	9097	07	25.1	13	SF		3	E		76				
0509		18	2105*	21149	2128	N18	W58	9077	07	14.5	23	SF					12				
	RAMY	18	2105	2114	2131	N19	W56	9077	07	14.6	26	SF		3	E		12				
	HOLL	18	2120	2123	2126	N18	W59	9077	07	14.4	6	SF		3	E		11				
0510	RAMY	18	2110	2112	2127	S12	E14	9087	07	19.9	17	SF		3	E		20				
		18	2152		2200	No Flare Patrol															
0511	HOLL	18	2304	2306	2320	N17	W63	9077	07	14.2	16	SF		3	E		27				
		18	2312		2318	No Flare Patrol															
		18	2324		2400	No Flare Patrol															
		19	0000		0017	No Flare Patrol															
0512	SVTO	19	0431	0434	0522	S19	E13	9087	07	20.2	51	SF		3	E		45			F	
0513	URUM	19	0441	0445	0449	N24	W06		07	18.7	8	SN			C		80	0.9		E	
0514		19	0637E	0723	0901	S18	E10	9087	07	20.0	144D	3N					700			F	
	KANZ	19	0637E	0723	0901	S15	E07	9087	07	19.8	144D	3N		2	C						
	SVTO	19	0640E	0721U	0818D	S21	E12	9087	07	20.2	98D	3N		3	E		700			F	
		19	0831		0835	No Flare Patrol															
0515	KANZ	19	0917	0918	0931D	S09	E10	9087	07	20.1	14D	SF		2	C						
		19	0922		0929	No Flare Patrol															
		19	0932		0938	No Flare Patrol															
		19	0940		0950	No Flare Patrol															
0516	SVTO	19	0941	0943	0944	S13	E13	9087	07	20.4	3	SF		2	E		30			F	
0517	RAMY	19	1028E	1028U	1047D	N13	W19	9085	07	18.0	19D	SF		2	E		48			F	
0518	RAMY	19	1106	1107	1146	N15	W11	9085	07	18.6	40	SF		3	E		26			F	
0519	RAMY	19	1115	1116	1122	N04	E74	9097	07	25.0	7	SF		3	E		28				
0520	RAMY	19	1238	1242	1248	N04	E73	9097	07	25.0	10	SF		3	E		27				
0521	RAMY	19	1256	1256	1304	S17	E10	9087	07	20.3	8	SF		3	E		21			F	

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0522		19	13413	13457	1402	S13	E02	9087	07	19.7	21	SF						38	
	HOLL	19	1341	1352	1401	S13	E02	9087	07	19.7	20	SF		3	E			48	
	RAMY	19	1344	1345	1404	S13	E02	9087	07	19.7	20	SF		3	E			27	
0523	RAMY	19	1444	1446	1451	N10	E32	9090	07	22.0	7	SF		3	E			29	
0524	RAMY	19	1529	1530	1538	N13	W16	9085	07	18.4	9	SF		3	E			20	
0525	RAMY	19	1548	1551	1553	S09	E06	9087	07	20.1	5	SF		3	E			11	
0526		19	1559*	16243	1650	N05	E70	9097	07	24.9	51	SF						35	
	HOLL	19	1559	1624	1703	N07	E68	9097	07	24.7	64	SF		3	E			56	
	RAMY	19	1623	1627	1636	N03	E71	9097	07	25.0	13	SF		3	E			14	
0527		19	1609	1610	1630	N17	W69	9077	07	14.4	21	SF						82	
	HOLL	19	1554E	1610U	1632	N15	W69	9077	07	14.4	38D	SF		3	E			81	
	RAMY	19	1609	1610	1628	N19	W69	9077	07	14.4	19	SF		3	E			83	
0528		19	1632	1634	1639	S12	E02	9087	07	19.8	7	SF						18	
	RAMY	19	1632	1634	1639	S12	E03	9087	07	19.9	7	SF		3	E			23	
	HOLL	19	1632E	1636U	1639	S12	E02	9087	07	19.8	7D	SF		3	E			12	
0529	HOLL	19	1708	1722	1729	N07	E69	9097	07	24.9	21	SF		3	E			32	
0530		19	17261	17262	1733	N21	W31	9088	07	17.3	7	SF						12	
	RAMY	19	1726	1726	1734	N22	W31	9088	07	17.3	8	SF		3	E			11	
	HOLL	19	1727	1728	1732	N20	W31	9088	07	17.3	5	SF		3	E			14	
0531	HOLL	19	1737	1750	1759	N07	E68	9097	07	24.8	22	SF		3	E			44	
0532	HOLL	19	1805	1809	1814	N07	E68	9097	07	24.8	9	SF		3	E			25	
0533		19	1827	18411	1904	N14	W20	9085	07	18.2	37	SF						46	
	HOLL	19	1827	1841	1904	N14	W19	9085	07	18.3	37	SF		3	E			47	
	RAMY	19	1827	1842	1902D	N13	W21	9085	07	18.2	35D	SF		3	E			46	
0534		19	18324	18391	1903	N05	E69	9097	07	24.9	31	1F						117	
	HOLL	19	1832	1839	1906	N07	E68	9097	07	24.9	34	1F		3	E			128	
	RAMY	19	1836	1840	1900	N03	E70	9097	07	25.0	24	1F		3	E			106	
0535	HOLL	19	1906	1912	1919	N13	W22	9085	07	18.1	13	SF		3	E			11	
0536	HOLL	19	1907	1917	1919	N07	E69	9097	07	25.0	12	SF		3	E			17	
0537	HOLL	19	2011E	2011	2016	S12	E00	9087	07	19.8	5D	SF		3	E			35	
0538	HOLL	19	2052	2052	2058	N08	W26	9085	07	17.9	6	SF		3	E			11	
0539	HOLL	19	2126	2139	2152	S11	E01	9087	07	20.0	26	SF		3	E			56	
0540	HOLL	19	2138	2140	2147	N16	W74	9077	07	14.3	9	SF		3	E			18	
0541	HOLL	19	2157	2157	2211	N07	E65	9097	07	24.8	14	SF		3	E			25	
0542	HOLL	19	2214	2216	2245	N21	W36	9088	07	17.2	31	SF		3	E			56	
0543	HOLL	19	2248	2254	2307	N18	W35	9088	07	17.3	19	SF		3	E			20	
0544	HOLL	20	0033	0038	0045	N16	W75	9077	07	14.3	12	SF		3	E			28	
0545	HOLL	20	0056	0057	0114	N14	E36	9090	07	22.7	18	SF		3	E			14	
0546	URUM	20	0110E	0110	0114	N25	W14		07	19.0	4D	SN			P			80	0.9 E
0547	LEAR	20	0307E	0312U	0312D	S12	W04	9087	07	19.8	5D	SF		3	E			24	F
0548	LEAR	20	0312E	0317U	0332D	N05	E61	9097	07	24.7	20D	SF		3	E			59	
0549	LEAR	20	0349E	0358	0438D	S12	W05	9087	07	19.8	49D	SF		3	E			39	F

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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)	
0550	LEAR	20	0400	0413	0432	N07	E62	9097	07	24.8	32	SF	3	E		44		
0551		20	0439	0444U	0513	S12	W04	9087	07	19.9	34	SF				48		F
	SVTO	20	0439	0444U	0513	S11	W04	9087	07	19.9	34	SF	3	E		47		F
	LEAR	20	0440E	0445U	0451D	S12	W05	9087	07	19.8	11D	SF	3	E		49		F
0552		20	0500	0502I	0514	N19	W38	9088	07	17.3	14	SF				48	1.1	EF
	LEAR	20	0500E	0502U	0516D	N20	W39	9088	07	17.2	16D	SF	3	E		44		F
	SVTO	20	0500	0503	0514	N19	W37	9088	07	17.4	14	SF	3	E		21		
	URUM	20	0502E	0502	0515	N19	W39	9088	07	17.2	13D	SN		P		80	1.1	E
0553	SVTO	20	0519	0525	0531	S11	W02	9087	07	20.1	12	SF	3	E		10		F
0554	LEAR	20	0718E	0718U	0721	N05	E59	9097	07	24.7	3D	SF	3	E		20		
0555	KANZ	20	0735E		0742	N14	E22	9090	07	22.0	7D	SF	2	C				
0556	KANZ	20	0735E		0746	N11	W31	9085	07	18.0	11D	SF	2	C				
0557	KANZ	20	0804	0807	0813	N06	E59		07	24.7	9	SF	2	C				
0558		20	0816	0822I	0832	S10	W06	9087	07	19.9	16	SF				23		F
	SVTO	20	0816	0822	0831	S11	W05	9087	07	20.0	15	SF	3	E		23		F
	KANZ	20	0816	0823	0832	S10	W06	9087	07	19.9	16	SF	2	C				
0559		20	0838	0843E	0906	S11	W07	9087	07	19.8	28	SF				64		F
	LEAR	20	0835E	0846U	0911	S11	W08	9087	07	19.7	36D	SF	3	E		77		F
	KANZ	20	0838	0843	0901D	S11	W06	9087	07	19.9	23D	SF	2	C				
	SVTO	20	0838	0845	0902	S11	W06	9087	07	19.9	24	SF	3	E		52		F
0560	KHAR	20	0902E		0910	N11	E64		07	25.2	8D	SF	2	P				D
0561	KHAR	20	0902E		0912	N18	W39	9088	07	17.4	10D	SN	2	P	0909	40		D
0562	KHAR	20	0920U		0931	N21	W23	9085	07	18.6	11U	SF	2	V				DL
0563		20	0924	0925	0940D	N08	E60		07	24.9	16D	SN						D
	KHAR	20	0924U	0925	0935D	N10	E62		07	25.1	11U	SN	2	V				D
	KANZ	20	0924	0925	0940D	N05	E59		07	24.8	16D	SF	2	C				
0564		20	0936	0948	1105	S13	W07	9087	07	19.9	89	1F				258		EFIL
	SVTO	20	0936	1007U	1105	S12	W08	9087	07	19.8	89	1F	3	E		195		F
	KHAR	20	0940E	0948	1105D	S12	W04	9087	07	20.1	85D	2N	2	P	1004	320		LIE
	KANZ	20	0940E	1013U	1027D	S14	W10	9087	07	19.6	47D	1F	2	C				
0565	RAMY	20	1029E	1029U	1121	S15	W10	9087	07	19.7	52D	2F	2	E		267		F
0566	KHAR	20	1040		1059	N16	E21	9090	07	22.0	19	SF	2	V				D
0567	RAMY	20	1147	1149	1155	N04	E59	9097	07	24.9	8	SF	3	E		19		
0568	RAMY	20	1225	1226	1234	N13	W29	9085	07	18.3	9	SF	3	E		57		H
0569	RAMY	20	1235	1236	1240	S26	E31	9094	07	22.9	5	SF	3	E		15		
0570		20	1316E	1321	1344	S14	W08	9087	07	19.9	28	SN				48		F
	RAMY	20	1316	1321	1349	S13	W08	9087	07	19.9	33	SN	3	E		59		F
	SVTO	20	1318	1323U	1338	S15	W07	9087	07	20.0	20	SF	3	E		37		F
0571	RAMY	20	1326	1328	1338	N11	E20	9090	07	22.1	12	SF	3	E		10		
0572	RAMY	20	1358	1359	1407	N15	W35	9085	07	17.9	9	SF	3	E		44		
0573	RAMY	20	1403	1412	1442	N11	E20	9090	07	22.1	39	SF	3	E		19		
0574	RAMY	20	1427	1427	1430	S09	W05	9087	07	20.2	3	SF	3	E		12		
0575		20	1454E	1457	1518	N11	E18	9090	07	22.0	24	SF				39		H
	RAMY	20	1454	1457	1528	N11	E19	9090	07	22.0	34	SF	3	E		64		
	SVTO	20	1457	1457	1509	N11	E18	9090	07	22.0	12	SF	3	E		14		H

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																	Apparent (10-6 Disk)	Corr (Sq Deg)			
0576	HOLL	20	1536	1538	1543	S05	E18	9091	07	22.0	7	SF				3	E	16			
0577		20	1546	1548	1559	S11	W09	9087	07	20.0	13	SN						62		FH	
	SVTO	20	1546	1548	1556	S11	W08	9087	07	20.0	10	SF				3	E	44		FH	
	RAMY	20	1546	1548	1602	S11	W10	9087	07	19.9	16	SN				3	E	80		F	
0578		20	16003	1611*	1704	N11	E18	9090	07	22.0	64	SF						42		H	
	RAMY	20	1600	1640	1716	N11	E18	9090	07	22.0	76	SF				3	E	58			
	HOLL	20	1601	1701	1727	N12	E17	9090	07	21.9	86	SF				3	E	54		H	
	SVTO	20	1603	1611	1628	N11	E18	9090	07	22.0	25	SF				3	E	14			
0579	SVTO	20	1703E	1704U	1711	N13	E25	9090	07	22.6	80	SF				3	E	12			
0580	RAMY	20	1715	1720	1724	N17	W26	9085	07	18.7	9	SF				3	E	12			
0581		20	1731*	18504	1956	N12	E16	9090	07	21.9	145	SN						52		E	
	HOLL	20	1731	1854	1956	N13	E16	9090	07	21.9	145	SF				3	E	65			
	RAMY	20	1833	1850	1920D	N11	E17	9090	07	22.0	47D	SN				3	E	39		E	
0582	HOLL	20	2003	2013	2029	N12	E16	9090	07	22.0	26	SF				3	E	46			
0583	HOLL	20	2023	2027	2051	S15	W11	9087	07	20.0	28	1B				2	E	138		FU	
0584	HOLL	20	2103	2106	2114	S07	W08	9087	07	20.3	11	SN				3	E	50			
0585	HOLL	20	2213	2215	2220	S16	W11	9087	07	20.1	7	SF				3	E	14		F	
0586	HOLL	20	2303	2309	2329	N12	E14	9090	07	22.0	26	SF				3	E	27			
0587	HOLL	20	2326	2330	2332	N11	W40	9085	07	18.0	6	SF				3	E	12		H	
0588	HOLL	21	0047	0049U	0050D	N21	W59	9084	07	16.5	3D	SF				2	E	19			
		21	0051		0309	No Flare Patrol															
0589	LEAR	21	0310E	0312	0330	S12	W17	9087	07	19.8	20D	SF				3	E	29			
		21	0337		0411	No Flare Patrol															
0590		21	0439	0440	0448	S11	W16	9087	07	20.0	9	SN						90	1.4	EF	
	URUM	21	0439	0440	0450	S11	W16	9087	07	20.0	11	SN					C	129	1.4	E	
	SVTO	21	0439E	0441U	0447	S11	W15	9087	07	20.1	8D	SF				3	E	51		F	
0591		21	0506E	0508U	0512	S13	W15	9087	07	20.1	6D	SF						26		F	
	SVTO	21	0506E	0508U	0511	S13	W14	9087	07	20.1	5D	SF				3	E	24		F	
	LEAR	21	0508E	0508U	0512	S13	W16	9087	07	20.0	4D	SF				3	E	28		F	
0592	SVTO	21	0514	0515	0526	S13	W14	9087	07	20.2	12	SF				3	E	13			
0593	LEAR	21	0508E	0523U	0615	N13	E18	9090	07	22.6	67D	1N				3	E	218		EF	
0594	SVTO	21	0513	0523	0603	N12	E10	9090	07	22.0	50	1N				3	E	165		FH	
0595		21	06304	0639	0727	N19	W46	9088	07	17.8	57	SF						42		FH	
	LEAR	21	0630	0639	0742	N19	W45	9088	07	17.8	72	SF				3	E	57		FH	
	SVTO	21	0634	0638U	0712	N19	W48	9088	07	17.6	38	SF				3	E	26			
0596	LEAR	21	0749	0752	0756	N03	E49	9097	07	25.0	7	SF				3	E	14			
0597		21	0815*	0828	0918	N13	E08	9090	07	21.9	63	SF						30		DF	
	SVTO	21	0815	0926U	0941	N12	E07	9090	07	21.9	86	SF				3	E	25		F	
	KHAR	21	0826	0828	0855	N14	E08	9090	07	22.0	29	SF				2	P	0841	35	D	
0598	KHAR	21	0927		0943U	N14	E08	9090	07	22.0	16U	SF				2	V			D	
0599		21	08364	0842	0904	N05	E47	9097	07	24.9	28	SF						54		EFO	
	LEAR	21	0836	0842	0911D	N03	E47	9097	07	24.9	35D	SF				3	E	60		FE	
	KHAR	21	0840		0915	N08	E49	9097	07	25.1	35	SN				2	P	0841	48	OE	
	KANZ	21	0847E		0854	N03	E45	9097	07	24.7	7D	SF				2	C				

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0600		21	0850	0851	0858	S12	W20	9087	07	19.9	8	SF						17	
	KANZ	21	0850	0851	0854D	S12	W20	9087	07	19.9	4D	SF	2	C					
	LEAR	21	0850	0852	0858	S11	W20	9087	07	19.9	8	SF	3	E				17	
0601	LEAR	21	0859	0859	0902	N20	W53	9088	07	17.3	3	SF	3	E				26	
0602	SVTO	21	0944	0944	0952	N13	E16	9090	07	22.6	8	SF	3	E				32	
0603		21	0954	1048U	1115	N12	E10	9090	07	22.2	81	1N						172	FH
	SVTO	21	0954	1048U	1121	N12	E13	9090	07	22.4	87	1N	3	E				172	FH
	KHAR	21	1005U		1109	N13	E07	9090	07	22.0	64U	SN	2	P					H
0604	SVTO	21	1056	1058	1106	S13	W18	9087	07	20.1	10	SF	3	E				23	F
0605		21	1146	1156	1159	N11	E05	9090	07	21.9	13	SF						26	F
	SVTO	21	1146	1149U	1159	N11	E06	9090	07	21.9	13	SF	3	E				26	F
	KANZ	21	1154E	1156	1203D	N11	E04	9090	07	21.8	9D	SF	2	C					
0606		21	12173	12191	1225	S09	W17	9087	07	20.2	8	SF						19	FH
	KANZ	21	1217E	1217U	1225	S09	W17	9087	07	20.2	8D	SF	2	C					
	SVTO	21	1217	1219	1225	S09	W17	9087	07	20.2	8	SF	3	E				18	FH
	RAMY	21	1220	1220	1225	S08	W18	9087	07	20.2	5	SF	3	E				20	
0607	RAMY	21	1256	1258	1314	N11	E07	9090	07	22.1	18	SF	3	E				26	
0608	RAMY	21	1315	1436	1933	N10	E12	9090	07	22.4	378	2B	3	E				495	FHU
0609		21	1330*	13377	1349	S12	W22	9087	07	19.9	19	SF						14	FH
	SVTO	21	1330	1337	1342	S12	W22	9087	07	19.9	12	SF	3	E				11	FH
	RAMY	21	1331	1338	1356	S12	W24	9087	07	19.7	25	SF	3	E				16	
	SVTO	21	1344	1344	1348	S13	W21	9087	07	20.0	4	SF	3	E				15	FH
0610		21	14051	1408	1434	S11	W22	9087	07	19.9	29	SF						43	FH
	SVTO	21	1405	1408	1427	S11	W22	9087	07	19.9	22	SF	3	E				40	FH
	RAMY	21	1405	1408	1448	S11	W22	9087	07	19.9	43	SF	3	E				50	
	HOLL	21	1406	1408	1428	S12	W23	9087	07	19.8	22	SF	3	E				39	F
0611	SVTO	21	1432	1436	1504	N12	E05	9090	07	22.0	32	1F	3	E				189	FH
0612	HOLL	21	1449	1449	1503	N12	E06	9090	07	22.1	14	SF	3	E				52	H
0613	HOLL	21	1532	1536	1543	N12	E04	9090	07	21.9	11	SF	3	E				16	F
0614	RAMY	21	1549	1554	1625	N21	W41	9095	07	18.5	36	SF	3	E				21	
0615	HOLL	21	1628	1634	1639	N13	E12	9090	07	22.6	11	SF	3	E				10	
0616	RAMY	21	1631	1632	1646	S08	W27	9087	07	19.7	15	SF	3	E				12	
0617	HOLL	21	1653	1654	1657	N20	W76	9077	07	15.9	4	SF	3	E				25	
0618		21	17171	17201	1727	S12	W24	9087	07	19.9	10	SF						28	FH
	HOLL	21	1717	1720	1725	S13	W22	9087	07	20.1	8	SF	3	E				26	
	RAMY	21	1717	1720	1730	S12	W26	9087	07	19.8	13	SF	3	E				38	FH
	SVTO	21	1718	1721	1725	S12	W23	9087	07	20.0	7	SF	3	E				20	FH
0619	RAMY	21	1829	1846	1906	N01	E44	9097	07	25.0	37	SF	3	E				34	
0620	HOLL	21	1830	1830	1837	N07	E40	9097	07	24.8	7	SF	3	E				26	
0621	HOLL	21	1844	1852	1859	N07	E40	9097	07	24.8	15	SF	3	E				32	
0622	HOLL	21	1830	1841	1907	N13	E03	9090	07	22.0	37	SF	3	E				91	
0623	RAMY	21	1931	1932	1937	S13	W23	9087	07	20.1	6	SF	3	E				40	
0624		21	1940	19412	1956	N08	E06	9090	07	22.3	16	SF						38	
	RAMY	21	1940	1941	2002	N07	E08	9090	07	22.4	22	SF	3	E				42	
	HOLL	21	1940	1943	1949	N08	E03	9090	07	22.0	9	SF	3	E				33	



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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)	
0625	HOLL	21	2006	2010	2017	N13	E10	9090	07	22.6	11	SF		3	E		31		
0626	RAMY	21	2006	2011	2024	N12	E01	9090	07	21.9	18	SF		3	E		38		
0627		21	2018	20211	2029	S12	W26	9087	07	19.9	11	SF					35		F
	RAMY	21	2018	2021	2029	S12	W25	9087	07	20.0	11	SF		3	E		33		
	HOLL	21	2018	2022	2029	S12	W27	9087	07	19.8	11	SF		3	E		37		F
0628		21	20391	20452	2111	N12	E06	9090	07	22.3	32	1F					93		F
	HOLL	21	2039	2047	2111	N13	E09	9090	07	22.5	32	1F		3	E		118		F
	RAMY	21	2040	2045	2054D	N12	E03	9090	07	22.1	14D	SF		3	E		68		F
0629	HOLL	21	2110	2110	2120	S09	W27	9087	07	19.8	10	SF		3	E		16		
0630	HOLL	21	2201	2204	2210	N12	W01	9090	07	21.8	9	SF		3	E		29		
0631	HOLL	21	2239	2248	2320	N12	W50	9085	07	18.2	41	1F		3	E		115		F
0632	HOLL	21	2244	2248	2317	S14	W23	9087	07	20.2	33	1N		3	E		175		F
0633		21	2333		2419	N13	E03	9090	07	22.2	46	1B					134		EF
	LEAR	21	2330E		2419	N13	E06	9090	07	22.4	49D	1B		3	E		103		FE
	HOLL	21	2333		2403D	N13	E00	9090	07	22.0	30D	1N		3	E		165		
0634		21	23532	23551	2403	N20	W62	9088	07	17.2	10	SF					26		
	HOLL	21	2353	2356	2403D	N18	W62	9088	07	17.3	10D	SF		3	E		31		
	LEAR	21	2355	2355	2403	N21	W61	9088	07	17.3	8	SF		3	E		21		
0635	LEAR	22	0007	0010	0040	S12	W29	9087	07	19.8	33	SF		3	E		17		F
0636	LEAR	22	0043	0043	0052	N13	W54	9085	07	17.9	9	SF		3	E		13		F
0637	LEAR	22	0155	0205	0214	S11	W27	9087	07	20.0	19	SF		4	E		14		F
0638	LEAR	22	0224	0234	0250	S33	E75		07	28.0	26	SF		4	E		39		
0639	LEAR	22	0255	0316	0330	N12	W02	9090	07	22.0	35	SF		4	E		60		F
0640	LEAR	22	0409	0410	0417	N22	W47	9095	07	18.6	8	SF		3	E		14		
0641		22	0417	0420	0446	S10	W26	9087	07	20.2	29	SF					48		F
	LEAR	22	0417	0420	0448	S11	W29	9087	07	20.0	31	SF		3	E		55		
	SVTO	22	0420E	0442U	0444	S10	W23	9087	07	20.4	24D	SF		2	E		40		F
0642	SVTO	22	0501	0501	0512	S08	W24	9087	07	20.4	11	SF		3	E		10		F
0643		22	0618	0620	0639	N13	W04	9090	07	22.0	21	SN					76		F
	LEAR	22	0618	0620	0639	N13	W04	9090	07	22.0	21	SN		3	E		88		F
	SVTO	22	0618	0620	0639	N13	W04	9090	07	22.0	21	SF		3	E		65		F
0644		22	06551	0656*	0734	N12	W05	9090	07	21.9	39	1F					94		FH
	SVTO	22	0655	0656	0729	N12	W05	9090	07	21.9	34	SF		3	E		42		FH
	LEAR	22	0655	0708	0735	N12	W05	9090	07	21.9	40	1F		3	E		147		F
	KANZ	22	0656	0708	0739	N12	W04	9090	07	22.0	43	1F		2	C				
0645	KANZ	22	0707	0708	0720	N07	E04	9090	07	22.6	13	SF		2	C				
0646		22	08223	0825	0828	N04	E34	9097	07	24.9	6	SF					48		F
	KANZ	22	0822	0825	0829	N04	E33		07	24.8	7	SF		2	C				
	LEAR	22	0825	0825	0828	N04	E34	9097	07	24.9	3	SF		3	E		48		F
0647		22	09012	0905	0918	N13	W06	9090	07	21.9	17	SF					43		F
	LEAR	22	0901	0905	0920	N13	W06	9090	07	21.9	19	SF		2	E		54		
	SVTO	22	0903	0905	0916	N13	W05	9090	07	22.0	13	SF		3	E		32		F
0648		22	09062	09083	0916	N06	E32	9097	07	24.8	10	SF					20		F
	LEAR	22	0906	0908	0916	N05	E32	9097	07	24.8	10	SF		2	E		27		F
	SVTO	22	0908	0911	0916	N06	E33	9097	07	24.8	8	SF		3	E		13		

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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)	
0649		22	10574	1101	1106	N06	E30	9097	07	24.7	9	SF					17		F
	KANZ	22	1057	1101	1107	N05	E31		07	24.8	10	SF		2	C				
	SVTO	22	1101	1101	1106	N07	E29	9097	07	24.6	5	SF		3	E		17		F
0650		22	11081	1111	1115	N14	E01	9090	07	22.5	7	SF					36		F
	KANZ	22	1108	1111	1116	N13	W00	9090	07	22.5	8	SF		2	C				
	SVTO	22	1109	1111	1114	N14	E02	9090	07	22.6	5	SF		3	E		36		F
0651		22	11172	11252	1246	N14	W54	9085	07	18.4	89	2N					274		FU
	KANZ	22	1117	1127	1226	N14	W53	9085	07	18.5	69	2N		2	C				
	SVTO	22	1119	1125	1145	N14	W56	9085	07	18.2	26	2N		3	E		318		U
	RAMY	22	1122E	1138U	1408	N15	W54	9085	07	18.4	1660	1N		2	E		231		UF
0652	SVTO	22	1149	1152	1253D	N14	W56	9085	07	18.3	64D	1F		3	E		179		U
0653	RAMY	22	1221	1224	1233	N13	W07	9090	07	22.0	12	SF		3	E		23		
0654	RAMY	22	1229	1231	1239	N22	W74	9088	07	16.8	10	SF		3	E		83		
0655		22	1315	1315	1326	S16	W32	9087	07	20.1	11	SF					36		F
	SVTO	22	1315	1315	1320	S16	W33	9087	07	20.0	5	SF		3	E		18		F
	RAMY	22	1315	1315	1333	S15	W32	9087	07	20.1	18	SF		3	E		54		
0656	RAMY	22	1344	1350	1359	N25	W43	9095	07	19.2	15	SF		3	E		14		H
0657		22	1410	14131	1433	S15	W32	9087	07	20.2	23	SF					97		F
	HOLL	22	1409E	1416U	1438	S15	W33	9087	07	20.1	29D	1F		3	E		154		F
	RAMY	22	1410	1413	1433	S14	W32	9087	07	20.2	23	SF		3	E		74		F
	SVTO	22	1410	1414	1427	S15	W32	9087	07	20.2	17	SF		3	E		64		F
0658		22	14473	14512	1511	N22	W49	9095	07	18.8	24	SF					43		F
	RAMY	22	1447	1452	1527	N22	W46	9095	07	19.1	40	SF		3	E		57		F
	HOLL	22	1447	1453	1509	N22	W53	9095	07	18.5	22	SF		3	E		62		
	SVTO	22	1450	1451	1456	N23	W49	9095	07	18.8	6	SF		3	E		11		
0659	RAMY	22	1516	1519	1550	N13	W08	9090	07	22.0	34	SF		3	E		67		
0660		22	15322	1535	1547	S15	W34	9087	07	20.1	15	SF					60		
	HOLL	22	1532	1535	1548	S15	W34	9087	07	20.1	16	SF		3	E		82		
	RAMY	22	1534	1535	1546	S15	W34	9087	07	20.1	12	SF		3	E		38		
0661		22	15401	15421	1557	N22	W53	9095	07	18.6	17	SF					44		
	HOLL	22	1540	1542	1556	N20	W56	9095	07	18.4	16	SF		3	E		42		
	RAMY	22	1540	1543	1608	N22	W55	9095	07	18.4	28	SF		3	E		68		
	SVTO	22	1541	1542	1546	N23	W49	9095	07	18.9	5	SF		3	E		23		
0662	HOLL	22	1554	1555	1603	S16	E70		07	28.0	9	SF		3	E		19		
0663		22	16091	16113	1622	N20	W72	9088	07	17.2	13	SF					31		
	HOLL	22	1609	1614	1619	N19	W72	9088	07	17.2	10	SF		3	E		30		
	RAMY	22	1610	1611	1624	N21	W71	9088	07	17.2	14	SF		3	E		32		
0664		22	1600*	16111	1620	N12	W08	9090	07	22.1	20	SF					48		F
	RAMY	22	1600	1612	1625	N11	W07	9090	07	22.1	25	SF		3	E		80		
	HOLL	22	1611	1611	1615	N14	W09	9090	07	22.0	4	SF		3	E		16		F
0665		22	16092	1611	1615	S16	W34	9087	07	20.1	6	SF					26		F
	HOLL	22	1609	1611	1615	S16	W33	9087	07	20.2	6	SF		3	E		25		F
	RAMY	22	1611	1611	1615	S15	W34	9087	07	20.1	4	SF		3	E		27		
0666	RAMY	22	1634	1639	1648	N26	W44	9095	07	19.3	14	SF		3	E		20		
0667	RAMY	22	1640	1642	1647	N22	W70	9088	07	17.3	7	SF		3	E		11		
0668		22	16501	1654	1710	N22	W56	9095	07	18.4	20	SF					44		
	RAMY	22	1650	1654	1720	N23	W55	9095	07	18.5	30	SF		3	E		71		
	SVTO	22	1651	1654	1700	N22	W56	9095	07	18.4	9	SF		3	E		17		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Xray	Obs See	Type	Area Measurement			Remarks
															Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0669		22	1651	1651	1656	S12	W36	9087	07	20.0	5	SF				27		
	SVTO	22	1651	1651	1654	S12	W36	9087	07	20.0	3	SF	3	E		12		
	RAMY	22	1651	1651	1657	S12	W36	9087	07	20.0	6	SF	3	E		42		
0670	RAMY	22	1708	1709	1729	N13	W10	9090	07	21.9	21	SF	3	E		17		
0671	RAMY	22	1709	1709	1723	S10	W37	9087	07	19.9	14	SF	3	E		11		
0672	RAMY	22	1805	1805	1812	S15	W36	9087	07	20.0	7	SF	3	E		17		
0673	RAMY	22	1815	1815	1824	S14	W36	9087	07	20.0	9	SF	3	E		14		
0674	RAMY	22	1845	1845	1851	S10	W38	9087	07	19.9	6	SF	3	E		13		
0675		22	1859*	20332	2044	S13	W35	9087	07	20.1	105	1F				77		F
	RAMY	22	1859	2035	2114D	S12	W35	9087	07	20.1	135D	1F	3	E		110		
	HOLL	22	2032	2033	2044	S14	W35	9087	07	20.2	12	SF	3	E		44		F
0676	HOLL	22	2014E	2015U	2018	N22	W52	9095	07	18.8	4D	SF	3	E		43		F
0677	HOLL	22	2142	2151	2206	S12	W41	9087	07	19.8	24	SF	3	E		27		
0678	HOLL	22	2210	2220	2226	S16	W36	9087	07	20.2	16	SF	3	E		37		
		22	2252		2330	No Flare Patrol												
0679	LEAR	22	2347	2431	2450	S10	W45	9087	07	19.6	63	SF	3	E		22		F
0680	LEAR	23	0047	0052	0100	N06	E19	9097	07	24.4	13	SF	3	E		28		FH
0681	LEAR	23	0123	0123	0131	S10	W42	9087	07	19.9	8	SF	3	E		15		F
0682	LEAR	23	0213	0217	0226	S33	E64	9100	07	28.2	13	SF	3	E		34		
0683	LEAR	23	0230	0233	0239	S32	E64	9100	07	28.2	9	SF	3	E		45		H
0684	LEAR	23	0249	0249	0256	N11	W14	9090	07	22.1	7	SF	3	E		13		F
0685	LEAR	23	0305	0311	0313	S12	W41	9087	07	20.0	8	SF	3	E		24		F
0686	LEAR	23	0351	0353	0433	S10	W45	9087	07	19.8	42	SF	3	E		29		
0687		23	0432I	04322	0438	N05	E16	9097	07	24.4	6	SF				32		
	LEAR	23	0432	0432	0438	N05	E16	9097	07	24.4	6	SF	3	E		26		
	SVTO	23	0433	0434	0437	N05	E17	9097	07	24.5	4	SF	3	E		38		
0688	SVTO	23	0536	0537	0543	S12	W44	9087	07	19.9	7	SF	3	E		15		F
0689		23	0545I	0554	0616	S12	W43	9087	07	20.0	31	SF				38		F
	LEAR	23	0545	0554	0618	S11	W43	9087	07	20.0	33	SF	3	E		48		F
	SVTO	23	0546	0554	0614	S12	W43	9087	07	20.0	28	SF	3	E		29		F
0690		23	0914I	0919I	0944	S14	W45	9087	07	20.0	30	SF				72		F
	LEAR	23	0914	0920	0931D	S13	W45	9087	07	20.0	17D	SF	2	E		86		F
	SVTO	23	0915	0919	0944	S14	W45	9087	07	20.0	29	SF	3	E		59		F
0691		23	0940*	0943*	1010	S13	W45	9087	07	20.0	30	SN				119		DEFHL
	KHAR	23	0940	0943	0951	S13	W44	9087	07	20.1	11	SF	2	V				LD
	KHAR	23	0952	0956	1010D	S14	W44	9087	07	20.1	18D	SN	2	V				HE
	SVTO	23	0953	0958	1029	S13	W47	9087	07	19.9	36	1N	3	E		119		F
0692	RAMY	23	1210	1212	1217	N23	W66	9095	07	18.4	7	SF	3	E		58		
0693		23	1317*	1338*	1411	N13	W72	9085	07	18.1	54	1F				97		
	RAMY	23	1317	1338	1410	N14	W73	9085	07	18.0	53	1F	3	E		105		
	HOLL	23	1330	1349	1412	N12	W71	9085	07	18.2	42	SF	3	E		89		
0694	RAMY	23	1317	1319	1322	S15	W46	9087	07	20.1	5	SF	3	E		45		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			Dur (Min)	Imp Opt	Xray	Obs See	Area Measurement (10-6 Disk)	Corr (Sq Deg)	Remarks
						Lat	CMD	Region							
0695		23	1357	1358	1409	N07	E19	9097	07 25.0	12	SF		16		
	HOLL	23	1357	1358	1407	N08	E19	9097	07 25.0	10	SF	3 E	14		
	RAMY	23	1357	1358	1411	N06	E19	9097	07 25.0	14	SF	3 E	19		
0696		23	1359	1408	1504	S13	W47	9087	07 20.0	65	1N		126		F
	RAMY	23	1359	1409	1510	S12	W48	9087	07 20.0	71	1N	3 E	154		F
	SVTO	23	1400	1408	1449	S14	W47	9087	07 20.0	49	SF	3 E	89		F
	HOLL	23	1400	1410	1514	S14	W46	9087	07 20.1	74	1N	3 E	134		F
0697	HOLL	23	1514	1520	1522	S12	W51	9087	07 19.8	8	SF	3 E	51		F
0698		23	1426	1427	1445	N14	W20	9090	07 22.1	19	SF		28		F
	RAMY	23	1426	1427	1446	N14	W21	9090	07 22.0	20	SF	3 E	25		
	HOLL	23	1427	1431	1444	N14	W20	9090	07 22.1	17	SF	3 E	31		F
0699	HOLL	23	1428	1436	1456	N07	E16	9097	07 24.8	28	SF	3 E	26		
0700	HOLL	23	1456	1459	1507	N07	E16	9097	07 24.8	11	SF	3 E	20		
0701	HOLL	23	1508	1511	1515	N07	E16	9097	07 24.8	7	SF	3 E	30		
0702	HOLL	23	1535	1538	1539	S13	W49	9087	07 19.9	4	SF	3 E	65		
0703	RAMY	23	1551	1552	1557	N09	E11	9097	07 24.5	6	SF	3 E	14		
0704		23	1632	1635	1644	S10	W52	9087	07 19.8	12	SF		18		
	RAMY	23	1632	1635	1647	S10	W51	9087	07 19.8	15	SF	3 E	26		
	SVTO	23	1635	1636	1640	S11	W52	9087	07 19.8	5	SF	3 E	11		
0705		23	1752	1802	1820	S13	W52	9087	07 19.8	28	2N		234		F
	HOLL	23	1752	1802	1830	S14	W52	9087	07 19.8	38	2N	3 E	339		F
	RAMY	23	1754	1754	1811	S12	W52	9087	07 19.8	17	1F	3 E	130		
0706	RAMY	23	1908	1911	1916	N23	W66	9095	07 18.7	8	SF	3 E	15		
0707	HOLL	23	1916	1921	1924	S11	W50	9087	07 20.0	8	SF	3 E	15		F
0708	HOLL	23	2001	2008	2011	N22	W70	9088	07 18.4	10	SF	3 E	43		
0709	HOLL	23	2004	2008	2011	N24	W65	9095	07 18.8	7	SF	3 E	24		
0710	HOLL	23	2122	2132	2154	S16	W50	9087	07 20.1	32	SF	3 E	45		
0711	HOLL	23	2158	2203	2206	S15	W50	9087	07 20.1	8	SF	3 E	41		
0712	HOLL	23	2204	2206	2223	N22	W70	9095	07 18.5	19	SF	3 E	35		
0713	HOLL	23	2229	2231	2232	N06	E13	9097	07 24.9	3	SF	3 E	16		
0714	HOLL	23	2249	2258	2313	S12	W55	9087	07 19.8	24	SF	3 E	23		
0715	HOLL	23	2314	2316	2342	N14	W76	9085	07 18.2	28	SF	3 E	21		FH
0716	HOLL	23	2356	2356	2359	N22	W71	9095	07 18.5	3	SF	3 E	10		
0717		23	2359	2403	2422	N22	W72	9095	07 18.5	23	SF		56		
	HOLL	23	2359	2403	2420	N22	W73	9095	07 18.4	21	SF	3 E	28		
	LEAR	24	0001	0010	0025	N23	W70	9095	07 18.6	24	SF	2 E	85		
0718	LEAR	24	0045	0048	0054	S12	W57	9087	07 19.7	9	SF	3 E	29		
0719	LEAR	24	0148	0159	0210	N06	E04	9097	07 24.4	22	1F	3 E	142		FH
0720	LEAR	24	0202	0208	0218	N23	W72	9095	07 18.5	16	SF	3 E	59		
0721	LEAR	24	0402	0402	0441	N15	W26	9090	07 22.2	39	SF	3 E	30		
0722	LEAR	24	0531	0534	0541	N11	W27	9090	07 22.2	10	SF	4 E	30		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/	CMP	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement		Remarks
								USAF Region							Mo	Day	
0723	LEAR	24	0614	0619	0639	N13	W28	9090	07	22.1	25	SF	4	E		55	F
0724	LEAR	24	0816	0823	0842	N12	W30	9090	07	22.1	26	SF	4	E		42	F
0725	LEAR	24	0849	0850	0854	N22	W76	9095	07	18.5	5	SF	4	E		15	
0726	RAMY	24	1311	1311	1327	N13	W34	9090	07	22.0	16	SF	3	E		25	
0727	RAMY	24	1312	1313	1325	S22	W18	9094	07	23.2	13	SF	3	E		26	
0728		24	14011	14012	1407	S12	W64	9087	07	19.8	6	SF				16	
	RAMY	24	1401	1401	1407	S09	W66	9087	07	19.6	6	SF	3	E		18	
	HOLL	24	1402	1403	1407	S14	W61	9087	07	20.0	5	SF	3	E		15	
0729		24	1444	14451	1448	N15	W31	9090	07	22.3	4	SF				30	H
	HOLL	24	1444	1445	1448	N14	W31	9090	07	22.3	4	SF	3	E		34	H
	RAMY	24	1444	1446	1448	N16	W31	9090	07	22.3	4	SF	3	E		25	
0730		24	15373	15431	1547	N12	W35	9090	07	22.0	10	SF				39	H
	HOLL	24	1537	1544	1548	N12	W35	9090	07	22.0	11	SF	3	E		49	H
	RAMY	24	1540	1543	1546	N13	W35	9090	07	22.0	6	SF	3	E		29	
0731		24	1558	16011	1616	S32	E44	9100	07	28.1	18	SF				44	
	HOLL	24	1558	1601	1618	S31	E45	9100	07	28.2	20	SF	3	E		53	
	RAMY	24	1558	1602	1613	S33	E43	9100	07	28.1	15	SF	3	E		35	
0732		24	1617	16181	1623	N14	W32	9090	07	22.3	6	SF				26	F
	HOLL	24	1617	1618	1623	N12	W31	9090	07	22.3	6	SF	3	E		26	
	RAMY	24	1617	1619	1623	N16	W33	9090	07	22.2	6	SF	3	E		25	F
0733	RAMY	24	1631	1632	1648	N12	W36	9090	07	22.0	17	SF	3	E		17	
0734	HOLL	24	1712	1712	1721	S14	E41	9101	07	27.8	9	SF	3	E		12	
0735	RAMY	24	1736	1740	1744	N23	W81	9088	07	18.5	8	SF	3	E		14	
0736	RAMY	24	1805	1805	1811	N24	W81	9088	07	18.5	6	SF	3	E		15	
0737	RAMY	24	1812	1816	1822	N24	W82	9088	07	18.4	10	SF	3	E		14	
0738		24	18101	1815*	1832	N07	W04	9097	07	24.4	22	SF				14	F
	RAMY	24	1810	1815	1831	N07	W04	9097	07	24.4	21	SF	3	E		13	F
	HOLL	24	1811	1829	1832	N07	W05	9097	07	24.4	21	SF	3	E		14	
0739	RAMY	24	1838	1846	1850	N24	W81	9088	07	18.5	12	SF	3	E		17	
0740	RAMY	24	1839	1844	1854	N08	W05	9097	07	24.4	15	SF	3	E		20	F
0741	RAMY	24	1846	1846	1902	N13	W32	9090	07	22.4	16	SF	3	E		12	
0742	RAMY	24	1924	1937	1957	N07	W05	9097	07	24.4	33	SF	3	E		15	
0743		24	1959	20011	2008	N14	W38	9090	07	22.0	9	SF				90	
	HOLL	24	1959	2001	2006	N13	W39	9090	07	21.9	7	SF	3	E		92	
	RAMY	24	1959	2002	2009	N15	W37	9090	07	22.0	10	SF	3	E		87	
0744	RAMY	24	2000	2000	2008	S13	W62	9087	07	20.1	8	SF	3	E		24	
0745	RAMY	24	2019	2021	2027	S14	W63	9087	07	20.1	8	SF	3	E		16	
0746	RAMY	24	2022	2023	2026	N13	W37	9090	07	22.0	4	SF	3	E		23	
0747	RAMY	24	2109	2109	2114	N05	W05	9097	07	24.5	5	SF	3	E		10	
0748	RAMY	24	2110	2110	2115	N13	W37	9090	07	22.1	5	SF	3	E		22	
0749	HOLL	24	2231	2246	2256	S17	W63	9087	07	20.1	25	SF	3	E		80	
0750	HOLL	24	2244	2249	2306	N08	W08	9097	07	24.3	22	SF	3	E		45	

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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)	
			25 0010		0016			No Flare Patrol											
0751	LEAR	25	0038E	0038U	0122D	N15	W27	9090	07	23.0	44D	SF		2	E			14	
			25 0041		0057			No Flare Patrol											
0752	HOLL	25	0058E	0058U	0112D	N13	W41	9090	07	21.9	14D	SF		2	E			40	
			25 0113		0513			No Flare Patrol											
0753	LEAR	25	0247E	0252U	0322D	N06	W08	9097	07	24.5	35D	2B		3	E			372	EH
0754	LEAR	25	0442E	0501U	0605D	S13	W71	9087	07	19.8	83D	2N		3	E			256	F
0755	LEAR	25	0454E	0454U	0511D	S13	E34	9101	07	27.8	17D	SF		3	E			19	
			25 0538		0716			No Flare Patrol											
			25 0819		1022			No Flare Patrol											
0756	SVTO	25	1019	1020	1031	N06	W12	9097	07	24.5	12	SF		3	E			20	FH
0757		25	12352	1239	1257	N14	W46	9090	07	22.0	22	SN						78	F
	RAMY	25	1235	1239	1304	N15	W46	9090	07	22.0	29	SN		3	E			99	F
	SVTO	25	1237	1239	1250	N13	W46	9090	07	22.0	13	SF		3	E			56	F
0758	RAMY	25	1323	1324	1330	N06	W13	9097	07	24.6	7	SF		3	E			23	
0759		25	14404	14462	1501	N05	W14	9097	07	24.6	21	SF						37	FH
	RAMY	25	1440	1447	1505	N06	W14	9097	07	24.6	25	SF		3	E			60	
	HOLL	25	1441	1446	1505	N04	W13	9097	07	24.6	24	SF		3	E			40	
	SVTO	25	1444	1448	1454	N06	W14	9097	07	24.6	10	SF		3	E			12	FH
0760		25	15591	1601*	1627	N06	W14	9097	07	24.6	28	SF						56	
	RAMY	25	1559	1627	1649	N06	W15	9097	07	24.5	50	SF		3	E			91	
	HOLL	25	1600	1601	1605	N05	W14	9097	07	24.6	5	SF		3	E			22	
0761		25	1606*	16271	1638	N05	W15	9097	07	24.5	32	SF						40	FH
	HOLL	25	1606	1627	1644	N04	W15	9097	07	24.5	38	SF		3	E			69	FH
	SVTO	25	1623	1628	1633	N06	W15	9097	07	24.5	10	SF		2	E			11	F
0762	HOLL	25	1842	1851	1913	N05	W16	9097	07	24.6	31	1B		3	E			196	H
0763	HOLL	25	2034	2034	2040	N05	W13	9097	07	24.9	6	SF		3	E			20	
0764	HOLL	25	2146	2150	2205	N13	W52	9090	07	22.0	19	SF		3	E			49	
0765	LEAR	26	0218	0218	0222	S13	W89	9087	07	19.4	4	SF		5	E			13	
0766	LEAR	26	0315	0315	0326	S13	W89	9087	07	19.4	11	SF		5	E			33	
0767	LEAR	26	0406	0417	0431	N11	W52	9090	07	22.2	25	SF		4	E			28	F
0768		26	0509	0510	0526	N12	W49	9090	07	22.5	17	SN						43	F
	LEAR	26	0509	0510	0526	N13	W48	9090	07	22.6	17	SN		4	E			59	F
	SVTO	26	0510E	0517U	0526D	N12	W50	9090	07	22.4	16D	SF		2	E			27	F
0769	LEAR	26	0531	0532	0535	S14	W84	9087	07	19.9	4	SF		4	E			13	
0770	LEAR	26	0554	0558	0602	S16	W88	9087	07	19.6	8	SF		4	E			46	
0771	LEAR	26	0825E	0826U	0829	S11	W89	9087	07	19.6	4D	SF		4	E			40	
0772	RAMY	26	1225	1227	1233	N11	W64	9090	07	21.7	8	SF		4	E			18	F
0773	RAMY	26	1256	1256	1302	N18	W48	9090	07	22.9	6	SF		4	E			17	F
0774	RAMY	26	1509	1513	1518	N16	W62	9090	07	21.9	9	SF		4	E			12	
0775	RAMY	26	1528	1538	1544	N16	W62	9090	07	21.9	16	SF		4	E			14	

H $\alpha$  SOLAR FLARES

JULY 2000

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)	
0776	RAMY	26	1551	1554	1602	N17	W59	9090	07	22.2	11	SF		4	E		14		
0777		26	1615	1617	1640	N14	W60	9090	07	22.1	25	SF					26		F
	HOLL	26	1615	1617	1628	N12	W60	9090	07	22.1	13	SF		3	E		21		
	RAMY	26	1615	1617	1653	N15	W59	9090	07	22.2	38	SF		4	E		31		F
0778		26	1655	1658	1714	N12	W58	9090	07	22.3	19	SF					25		F
	SVTO	26	1643E	1650U	1654D	N11	W57	9090	07	22.4	11D	SF		2	E		26		F
	RAMY	26	1655	1658	1714	N14	W60	9090	07	22.2	19	SF		4	E		24		F
0779	RAMY	26	1724	1726	1733	N15	W64	9090	07	21.9	9	SF		4	E		35		
0780	RAMY	26	1805	1807	1831	N08	W25	9097	07	24.9	26	SF		4	E		24		F
0781		26	1917	19234	1933	N12	W60	9090	07	22.3	16	SF					29		
	RAMY	26	1917	1923	1932	N14	W62	9090	07	22.1	15	SF		3	E		26		
	HOLL	26	1917	1927	1934	N10	W59	9090	07	22.4	17	SF		3	E		32		
		26	2018		2032	No Flare Patrol													
		26	2144		2400	No Flare Patrol													
		27	0000		0354	No Flare Patrol													
0782	LEAR	27	0410E	0411U	0420D	N10	W72	9090	07	21.8	10D	SB		4	E		89		E
0783	SVTO	27	0421E	0425U	0428D	N06	W68	9090	07	22.1	7D	SF		2	E		34		
0784		27	04383	04432	0501	N06	W35	9097	07	24.6	23	SF					22		F
	LEAR	27	0438	0443	0507	N07	W36	9097	07	24.5	29	SF		3	E		32		F
	SVTO	27	0441	0445	0455	N05	W34	9097	07	24.6	14	SF		3	E		13		
0785	LEAR	27	0518	0518	0524	N13	W68	9090	07	22.1	6	SF		4	E		33		
0786	LEAR	27	0545	0556	0619	N12	W66	9090	07	22.3	34	SF		4	E		80		F
0787		27	07151	07191	0744	N06	W32	9097	07	24.9	29	SF					20		F
	KANZ	27	0715	0719	0741	N06	W30	9097	07	25.0	26	SF		2	C				
	LEAR	27	0716	0720	0748	N07	W34	9097	07	24.7	32	SF		4	E		20		F
0788	KANZ	27	0724	0728	0745	N06	W37	9097	07	24.5	21	SF		2	C				
0789	LEAR	27	0916	0918U	0921D	N13	W64	9090	07	22.5	5D	SF		3	E		70		
0790	KANZ	27	1112	1113	1115	N12	W70	9090	07	22.2	3	SF		2	C				
0791	RAMY	27	1222	1224	1230	N15	W71	9090	07	22.1	8	SF		3	E		53		H
0792		27	12402	1242	1248	N14	W72	9090	07	22.1	8	SF					28		
	RAMY	27	1240	1242	1249	N16	W73	9090	07	22.0	9	SF		3	E		28		
	KANZ	27	1242	1242	1246	N13	W71	9090	07	22.2	4	SF		2	C				
0793	RAMY	27	1307	1307	1312	N17	W72	9090	07	22.1	5	SF		3	E		10		
0794	RAMY	27	1354	1354	1358	N17	W73	9090	07	22.0	4	SF		3	E		16		
0795	RAMY	27	1447	1447	1452	N14	W80	9090	07	21.6	5	SF		3	E		12		
0796	RAMY	27	1514	1516	1521	N15	W73	9090	07	22.1	7	SF		3	E		18		F
0797	RAMY	27	1604	1618	1633	N16	W75	9090	07	22.0	29	SF		3	E		61		F
0798	RAMY	27	1740	1740	1751	S21	E36	9102	07	30.5	11	SF		3	E		13		
0799	RAMY	27	1743	1744	1750	N15	W75	9090	07	22.1	7	SF		3	E		10		
0800		27	18399	18437	1856	N07	W40	9097	07	24.8	17	SF					24		
	RAMY	27	1839	1843	1855	N08	W39	9097	07	24.8	16	SF		3	E		26		
	HOLL	27	1848	1850	1856	N06	W40	9097	07	24.8	8	SF		3	E		23		

