Hα S O L A R F L A R E S

DECEMBER 1990

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Area Measurement Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0001	LEAR	01	0414	0414	0420	N33	E58	6390	12	5.8	6	SF		3	E		17		
0002	TACH	01	0704	0713	0714	S04	W90		11	24.7	10	SB		1	C	0713	117		D
		01	1047		1052	No Flare Patrol													
		01	1057		1111	No Flare Patrol													
		01	1249		1258	No Flare Patrol													
0003	RAMY	01	1405	1412	1432	N14	E11	6383	12	2.4	27	SF	C 1.7	3	E		11		
		01	1532		1537	No Flare Patrol													
0004	RAMY	01	1555	1555	1601	N15	E69	6398	12	6.9	6	SF		3	E		26		
0005	RAMY	01	1645	1649	1700	S08	W07	6388	12	1.2	15	SF	C 1.7	3	E		35		F
0006		01	17029	1713	1721	N19	E70	6399	12	7.0	19	SF					28		F
	PALE	01	1702	1713	1721	N20	E70	6399	12	7.1	19	SF		3	E		31		
	RAMY	01	1710	1713	1721	N18	E69	6399	12	7.0	11	SF		3	E		21		F
	PALE	01	1711	1713	1721	N20	E70	6399	12	7.1	10	SF		3	E		31		
0007	RAMY	01	1706	1708	1745	S08	W06	6388	12	1.3	39	SF	C 1.8	3	E		22		F
0008	RAMY	01	1734	1735	1741	N22	E70	6399	12	7.1	7	SF		3	E		13		
0009		01	1741	1742	1754	N34	E52	6390	12	5.9	13	SF	C 1.5				34		F
	PALE	01	1741	1742	1752	N35	E53	6390	12	6.0	11	SF	C 1.5	3	E		35		
	RAMY	01	1741	1742	1755	N34	E50	6390	12	5.7	14	SF	C 1.5	3	E		32		F
0010	PALE	01	1924	1924	1945	N36	E53	6390	12	6.1	21	SF		3	E		10		
0011		02	00312	0044*	0157	S08	W11	6388	12	1.2	86	1N	C 4.1				131	2.0	EFU
	LEAR	02	0031	0048	0143	S08	W11	6388	12	1.2	72	1F	C 4.1	3	E		106		UF
	PALE	02	0033	0044	0126	S08	W09	6388	12	1.3	53	SF		3	E		55		UF
	WATU	02	0104E	0104	0229	S09	W12	6388	12	1.1	85D	SN			P	0104	110	1.2	
	PEKG	02	0136E	0136U	0210	S08	W12	6388	12	1.2	34D	1N			P	0136	252	2.7	E
0012	LEAR	02	0829	0830	0842	S22	E10	6393	12	3.1	13	SF	C 2.0	3	E		38		
		02	1034		1333	No Flare Patrol													
		02	1438		1447	No Flare Patrol													
0013		02	1704*	1704*	1714	S05	W50	6379	11	29.1	10	SF					14		
	RAMY	02	1704	1704	1709	S05	W49	6379	11	29.1	5	SF		3	E		15		
	RAMY	02	1714	1716	1719	S05	W50	6379	11	29.1	5	SF		3	E		13		
0014	RAMY	02	1754	1756	1803	S05	W50	6379	11	29.1	9	SF		3	E		17		
0015	HOLL	02	2023	2024	2031	N14	W09	6383	12	2.2	8	SF		3	E		19		
0016	HOLL	02	2243	2248	2253	N10	E71	6397	12	8.3	10	SF		2	E		31		
0017	PALE	02	2342	2343	2346	S07	W49	6379	11	29.4	4	SF		3	E		16		
0018	LEAR	03	0227	0227	0230	N10	E76	6397	12	8.8	3	SF		3	E		19		
0019		03	02504	0254*	0326	N09	E11	6391	12	3.9	36	SN					47	0.9	D
	PEKG	03	0250	0305	0330	N09	E11	6391	12	3.9	40	SN			P	0305	84	0.9	D
	LEAR	03	0254	0254	0322	N09	E11	6391	12	3.9	28	SF		3	E		10		
0020	KHAR	03	1034		1045D	S33	E88		12	10.4	11D	SF			P				H
		03	1046		1411	No Flare Patrol													
0021	HOLL	03	1651E	1651U	1658	N20	E57	6395	12	8.1	7D	SF	C 1.6	2	E		13		
0022		03	1825	18261	1840	N22	E44	6399	12	7.1	15	SF	C 1.7				41		
	HOLL	03	1825	1826	1849	N22	E45	6399	12	7.2	24	SF	C 1.7	3	E		57		
	PALE	03	1825	1827	1831	N22	E44	6399	12	7.1	6	SF	C 1.7	3	E		25		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Imp See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0023	HOLL	03	1827	1831	1903	S06	W63	6379	11	29.1	36	SF		3	E		31		F
0024		03	18431	1845*	1912	S21	W58	6396	11	29.4	29	SF	C 2.3				32		K
	HOLL	03	1843	1845	1920	S21	W58	6396	11	29.4	37	SF	C 2.3	3	E		42		
	HOLL	03	1843	1855	1920	S21	W58	6396	11	29.4	37	SN			E		35		K
	PALE	03	1844	1849	1903	S22	W58	6396	11	29.4	19	SF		3	E		31		
	RAMY	03	1844	1850	1904	S21	W56	6396	11	29.6	20	SF		2	E		22		
0025		03	19187	19229	1948	N11	E64	6397	12	8.6	30	SN	M 1.0				61		FK
	HOLL	03	1918	1923	1952	N12	E67	6397	12	8.8	34	SB	M 1.0		E		67		K
	HOLL	03	1918	1930	1952	N12	E67	6397	12	8.8	34	SF		3	E		84		F
	RAMY	03	1920	1922	1944	N11	E66	6397	12	8.8	24	SN	M 1.0	3	E		63		
	PALE	03	1925	1931	1943	N10	E55	6397	12	7.9	18	SF		3	E		31		
0026		03	1954*	20119	2031	N09	E65	6397	12	8.7	37	SF	C 3.9				46		FK
	HOLL	03	1954	2019	2042	N08	E65	6397	12	8.7	48	SF	C 3.9	3	E		85		F
	PALE	03	2005	2011	2027	N12	E66	6397	12	8.8	22	SF		3	E		32		
	RAMY	03	2007	2011	2027	N08	E64	6397	12	8.6	20	SF			E		32		K
	RAMY	03	2007	2020	2027	N08	E64	6397	12	8.6	20	SF		3	E		36		F
0027	HOLL	03	2027	2028	2032	S06	W63	6379	11	29.2	5	SF		3	E		10		F
0028	HOLL	03	2034	2038	2058	N09	E01	6391	12	3.9	24	SF		3	E		19		F
0029	HOLL	03	2149	2149	2159	N12	E67	6397	12	8.9	10	SF	C 1.3	3	E		19		F
0030	HOLL	03	2230	2231	2235	N11	E63	6397	12	8.7	5	SF		3	E		17		F
0031	HOLL	03	2251	2251	2305	N08	E58	6397	12	8.3	14	SF	C 1.7	3	E		13		F
0032		04	00381	00394	0047	S21	W11	6393	12	3.2	9	SF	C 4.4				112	3.1	EI
	VORO	04	0038	0043	0057U	S20	W12	6393	12	3.1	19U	1F		2	C	0043	278	3.1	EI
	PALE	04	0039	0039	0043	S21	W11	6393	12	3.2	4	SF	C 4.4	3	E		26		
	LEAR	04	0039	0039U	0051	S21	W10	6393	12	3.3	12	SF	C 4.4	3	E		33		
0033		04	0158*	0202*	0244	N09	E57	6397	12	8.3	46	1F	M 6.6				120	2.4	DEFIJ
	LEAR	04	0158	0202	0246	N08	E56	6397	12	8.3	48	1F	M 6.6	3	E		156		F
	MITK	04	0158	0202	0253	N11	E61	6397	12	8.7	55	1N			C	0202	200	4.3	E
	VORO	04	0158	0203	0216	N10	E61	6397	12	8.7	18	1F		2	C	0203	116	2.5	EIJ
	PALE	04	0200	0204	0249	N09	E56	6397	12	8.3	49	SF	M 6.6	3	E		98		F
	VORO	04	0202	0203	0254	N09	E54	6397	12	8.1	52	SF		2	C	0203	81	1.4	DIJ
	WATU	04	0213	0215	0248	N11	E54	6397	12	8.1	35	SF			P	0215	20	0.4	
	PEKG	04	0215	0220	0245	N08	E58	6397	12	8.4	30	1B			P	0220	168	3.2	E
0034		04	02451	02511	0257	S22	W61	6396	11	29.5	12	1F					60	1.4	DJ
	VORO	04	0245	0251	0257	S21	W61	6396	11	29.5	12	1F		2	C	0251	90	2.1	DJ
	WATU	04	0246	0252		S23	W61	6396	11	29.5		SF			P	0252	30	0.7	
0035	LEAR	04	0331	0331	0337	N10	E62	6397	12	8.8	6	SF	C 1.2	3	E		18		
0036	LEAR	04	0406	0415	0421	N08	E54	6397	12	8.2	15	SF	C 1.6	3	E		29		
0037	LEAR	04	0733	0735	0743	N10	E58	6397	12	8.7	10	SF	C 4.3	3	E		76		
0038		04	08222	08253	0839	N20	E44	6395	12	7.7	17	1F	C 1.4				94	2.5	E
	HTPR	04	0822	0828	0837	N21	E44	6395	12	7.7	15	1F			C	0828	170	2.5	E
	LEAR	04	0824	0825	0841	N19	E44	6395	12	7.7	17	SF	C 1.4	3	E		19		
0039		04	0920	09211	0930	N36	E14	6390	12	5.5	10	SN					26	0.5	H
	LEAR	04	0920	0921	0925	N36	E14	6390	12	5.5	5	SF		3	E		13		
	HTPR	04	0920	0922	0935	N36	E13	6390	12	5.4	15	SN			C	0922	40	0.5	H
0040		04	12462	1252	1310	N11	E56	6397	12	8.7	24	1N	C 1.8				175	4.0	F
	RAMY	04	1246	1252	1319	N10	E55	6397	12	8.7	33	1N	C 1.8	3	E		150		F
	HTPR	04	1248	1252	1300	N12	E57	6397	12	8.8	12	1N			C	1252	200	4.0	
0041	RAMY	04	1333	1335	1338	S21	W65	6396	11	29.7	5	SF		3	E		25		
0042	RAMY	04	1337	1346	1417	N09	E53	6397	12	8.5	40	SF		3	E		43		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0043	RAMY	04	1404	1409	1430	N21	E34	6399	12	7.2	26	SF		3	E		16		
0044		04	1420*	14332	1547D	N09	E49	6397	12	8.3	87D	1B	M 1.8				174	3.2	FH
	RAMY	04	1420	1435	1547D	N08	E51	6397	12	8.4	87D	1B	M 1.8	3	E		206		FH
	HTPR	04	1425	1433	1507D	N12	E47	6397	12	8.1	42D	1B			C	1433	190	3.4	
	HTPR	04	1432	1435	1507D	N08	E49	6397	12	8.3	35D	1B			C	1435	190	3.0	
	HOLL	04	1435E	1439U	1540D	N08	E50	6397	12	8.3	65D	1B	M 1.8	1	E		108		F
0045	RAMY	04	1600	1606	1615	S23	W61	6400	11	30.0	15	SF		3	E		15		
0046	HOLL	04	1604	1605	1628	N17	E43	6395	12	7.9	24	SF		3	E		27		
0047	RAMY	04	1604	1611	1651	N10	E37	6399B	12	7.4	47	SF	C 1.7	3	E		49		
0048	RAMY	04	1621	1624	1658	S23	W61	6400	11	30.0	37	SF	C 1.4	3	E		15		
0049	RAMY	04	1702	1710	1712	S23	W59	6400	11	30.2	10	SF		3	E		14		
0050	RAMY	04	1853	1859	1907	S22	W62	6400	11	30.0	14	SF		3	E		11		
0051		04	1927	19321	1939	S23	W62	6400	11	30.0	12	SF					19		F
	RAMY	04	1927	1932	1941	S22	W63	6400	11	30.0	14	SF		3	E		16		
	HOLL	04	1927	1933	1937	S24	W60	6400	11	30.2	10	SF		3	E		22		F
0052		04	1948*	1958*	2018	S23	W62	6400	11	30.0	30	SF					23		
	PALE	04	1948	2000	2003	S24	W60	6400	11	30.2	15	SF		3	E		39		
	RAMY	04	1957	1958	2006	S22	W64	6400	11	30.0	9	SF		3	E		15		
	RAMY	04	2009	2011	2026	S21	W63	6400	11	30.0	17	SF		3	E		20		
	PALE	04	2026	2030	2036	S24	W61	6400	11	30.1	10	SF		3	E		19		
0053		04	20032	20041	2014	N12	E44	6399B	12	8.1	11	SF					18		
	RAMY	04	2003	2004	2015	N11	E44	6399B	12	8.1	12	SF		3	E		18		
	HOLL	04	2005	2005	2012	N12	E44	6399B	12	8.1	7	SF		3	E		17		
0054	LEAR	04	2309	2314	2324	S23	W64	6400	11	30.0	15	SF		3	E		34		
0055	LEAR	05	0012	0019	0031	S24	W60	6400	11	30.4	19	SF		3	E		34		
0056		05	00531	0056	0100	N20	E37	6395	12	7.9	7	SF					66	1.3	DI
	VORO	05	0053	0056	0105U	N20	E37	6395	12	7.9	12U	SF		2	C	0056	99	1.3	DI
	LEAR	05	0054	0056	0100	N19	E37	6395	12	7.9	6	SF		3	E		34		
0057	LEAR	05	0120	0205	0212	S23	W67	6400	11	30.0	52	SF		3	E		30		
0058	LEAR	05	0301	0325	0340	S25	W71	6396	11	29.7	39	SF	C 1.9	3	E		30		
0059	LEAR	05	0344	0406	0420	S24	W68	6400	11	30.0	36	SF		3	E		39		
0060	LEAR	05	0417	0419	0423	N18	E35	6395	12	7.8	6	SF	C 1.8	3	E		21		
0061	LEAR	05	0433	0444	0452	S22	W74	6396	11	29.6	19	SF		3	E		20		
0062		05	05363	05395	0549	N19	E35	6395	12	7.9	13	SN					75	0.8	EF
	MITK	05	0536	0539	0548	N19	E35	6395	12	7.9	12	SN			C	0539			
	LEAR	05	0537	0542	0549	N18	E35	6395	12	7.9	12	SF		3	E		86		F
	URUM	05	0539	0544	0550	N19	E35	6395	12	7.9	11	SN			C		64	0.8	E
0063		05	0555	05593	0618	S26	W06	6387	12	4.8	23	SF	C 2.0				61	0.8	E
	LEAR	05	0555	0559	0611	S26	W05	6387	12	4.8	16	SF	C 2.0	3	E		40		
	URUM	05	0555	0602	0625	S26	W06	6387	12	4.8	30	SF			C		96	1.1	E
	YUNN	05	0558E	0606U	0618	S26	W06	6387	12	4.8	20D	SN			P	0606	47	0.5	
0064		05	07202	0726*	0829	N09	E40	6397	12	8.3	69	1N	M 2.7				212	3.2	EF
	URUM	05	0720	0730	0749D	N09	E42	6397	12	8.4	29D	2B			C		418	5.8	E
	LEAR	05	0722	0726	0820	N08	E43	6397	12	8.5	58	2N	M 2.7	3	E		314		F
	YUNN	05	0722E	0730	0755D	N11	E41	6397	12	8.4	33D	1N			P		236	3.3	
	URUM	05	0755E	0759	0838	N09	E36	6397	12	8.0	43D	SF			C		32	0.4	E
	SVTO	05	0817E	0818U	0844D	N09	E38	6397	12	8.2	27D	SF		2	E		58		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Imp See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0065	LEAR	05	0809	0824	0835	S25	W05	6387	12	4.9	26	SF		3	E		23		
0066	LEAR	05	0938	0945	0950	S23	W71	6400	11	30.0	12	SF		3	E		80		F
		05	1252		1258	No Flare Patrol													
		05	1331		1335	No Flare Patrol													
0067	HOLL	05	1435	1452	1523	S24	W69	6400	11	30.3	48	SF		2	E		41		
0068		05	1507	1507	1531	N08	E36	6397	12	8.3	24	SF					24		F
	HOLL	05	1507	1507	1526	N09	E36	6397	12	8.3	19	SF		2	E		25		F
	RAMY	05	1507	1507	1536	N07	E37	6397	12	8.4	29	SF		3	E		22		
0069	RAMY	05	1511	1516	1531	N15	E33	6395	12	8.1	20	SF	C 1.9	3	E		44		F
0070	HOLL	05	1544	1545	1551	S23	W70	6400	11	30.3	7	SF	C 1.6	3	E		39		
0071	HOLL	05	1559	1607	1615	S24	W75	6400	11	30.0	16	SF		3	E		11		F
0072	HOLL	05	1657	1658	1706	S25	W75	6400	11	30.0	9	SF		3	E		15		
0073	HOLL	05	1702	1702	1716	N10	E35	6397	12	8.3	14	SF		3	E		10		
0074	HOLL	05	1718	1730	1738	S25	W72	6400	11	30.1	20	SF	C 2.3	3	E		72		F
0075	HOLL	05	1749	1750	1754	S23	W73	6400	11	30.1	5	SF		3	E		16		
0076	PALE	05	1804	1805	1810	S24	W75	6400	11	30.0	6	SF		3	E		20		
0077		05	1818	18209	1852	S22	W34	6393	12	3.1	34	SN					14		FK
	HOLL	05	1818	1820	1852	S22	W34	6393	12	3.1	34	SN			E		11		K
	HOLL	05	1818	1829	1852	S22	W34	6393	12	3.1	34	SF		3	E		17		F
0078	HOLL	05	1821	1826	1836	N18	E29	6395	12	8.0	15	SF		3	E		33		
0079		05	1826*	1838*	1855	S25	W73	6400	11	30.1	29	SF	C 2.3				50		F
	PALE	05	1826	1838	1846	S25	W74	6400	11	30.0	20	SF	C 2.3	3	E		77		F
	HOLL	05	1827	1838	1854	S25	W73	6400	11	30.1	27	SF	C 2.3	3	E		51		F
	HOLL	05	1856	1900	1906	S24	W73	6400	11	30.1	10	SF	C 2.6	3	E		23		
0080		05	18556	1857*	1934	N13	E25	6399B	12	7.7	39	SN					53		FK
	HOLL	05	1855	1857	1937	N12	E25	6399B	12	7.7	42	SF		3	E		41		F
	HOLL	05	1855	1908	1937	N12	E25	6399B	12	7.7	42	SB			E		68		K
	PALE	05	1901	1907	1927	N14	E25	6399B	12	7.7	26	SF		3	E		49		
0081		05	2048*	21077	2200	N12	E33	6397	12	8.3	72	SF	C 8.9				106		F
	RAMY	05	2048	2107	2114D	N14	E33	6397	12	8.4	26D	SF		3	E		93		F
	PALE	05	2054	2114	2200	N10	E32	6397	12	8.3	66	SF	C 8.9	3	E		97		F
	HOLL	05	2058	2108	2130D	N11	E33	6397	12	8.3	32D	1F		2	E		128		F
0082	PALE	05	2053	2110	2205	N15	E29	6395	12	8.1	72	SF		3	E		74		F
0083	HOLL	05	2100	2100	2130D	S23	W75	6400	11	30.1	30D	SF		2	E		14		
0084	LEAR	06	0100	0112	0120	S25	W79	6400	11	30.0	20	SF		3	E		30		
0085		06	02161	0219	0244	N20	E22	6395	12	7.8	28	SF					28		F
	PALE	06	0216	0219	0239	N20	E23	6395	12	7.8	23	SF		3	E		27		F
	LEAR	06	0217	0219	0248	N19	E22	6395	12	7.8	31	SF		3	E		30		
0086	LEAR	06	0230	0232	0243	S21	W42	6393	12	2.9	13	SF		3	E		44		
0087	LEAR	06	0239	0245	0248	N10	E30	6397	12	8.4	9	SF		3	E		23		
0088		06	06282	06301	0640	N09	E32	6397	12	8.7	12	SN					142	1.8	E
	YUNN	06	0628	0630	0642	N10	E33	6397	12	8.7	14	SN			P		157	1.9	
	MITK	06	0629	0631	0644	N09	E32	6397	12	8.7	15	SN			C	0631			
	PEKG	06	0630	0631	0634	N09	E32	6397	12	8.7	4	SB			P	0636	126	1.6	E
		06	0716		0719	No Flare Patrol													

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Obs See	Obs Type	Area Measurement Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
		06	0734		0823	No Flare Patrol													
0089	HTPR	06	1023	1028	1045	S22	W20	6387	12	4.9	22	SF			C	1028	70	0.8	
0090	HTPR	06	1100	1102	1115	S18	E33	6404	12	9.0	15	SF			C	1102	30	0.4	
0091	HTPR	06	1155	1208	1230	N15	E15	6395	12	7.6	35	1N			C	1208	230	2.4	F
0092	HTPR	06	1251	1256	1305	S25	W90	6396	11	29.7	14	1N			C				A
0093	HTPR	06	1348	1352	1410	S22	W48	6393	12	2.9	22	SF			C	1352	100	1.6	
0094	HTPR	06	1350	1352	1400	S28	W20	6387	12	5.0	10	SF			C	1400	120	1.4	
0095	HTPR	06	1421	1422	1426	S25	W22	6387	12	4.9	5	SF			C	1422	130	1.6	
0096		06	1518	1622U	1633	N10	E25	6397	12	8.5	75	SF	C 3.5				42		F
	HOLL	06	1518	1622U	1658D	N09	E26	6397	12	8.6	100D	SF		2	E		42		F
	RAMY	06	1610E		1633	N11	E24	6397	12	8.5	23D	SF	C 3.5	3	E				F
0097	RAMY	06	1610E	1614	1625	S23	W22	6387	12	5.0	15D	SF		3	E		21		F
0098		06	18346	1842	1854	S18	E28	6404	12	8.9	20	SF	C 2.2				26		
	HOLL	06	1834	1842	1858	S18	E28	6404	12	8.9	24	SF	C 2.2	3	E		34		
	PALE	06	1840	1842	1851	S18	E28	6404	12	8.9	11	SF		3	E		18		
0099	HOLL	06	1839	1841	1846	N17	E15	6395	12	7.9	7	SF		3	E		28		
0100	RAMY	06	1901	1903	1912	S18	E28	6404	12	8.9	11	SF		3	E		14		
0101		06	20024	20061	2013	N18	E15	6395	12	8.0	11	SF					33		
	HOLL	06	2002	2007	2015	N17	E14	6395	12	7.9	13	SF		3	E		51		
	PALE	06	2006	2006	2011	N20	E16	6395	12	8.1	5	SF		3	E		15		
0102		06	21051	2108	2114	S18	E26	6404	12	8.8	9	SF	C 2.1				18		
	HOLL	06	2105	2108	2116	S18	E26	6404	12	8.8	11	SF	C 2.1	3	E		22		
	RAMY	06	2106	2108	2113	S18	E26	6404	12	8.8	7	SF	C 2.1	3	E		15		
0103	HOLL	06	2211	2226	2311	N18	E14	6395	12	8.0	60	SF		3	E		42		F
0104		07	01331	01332	0142	S26	W30	6387	12	4.7	9	SN					46	0.8	DIJ
	LEAR	07	0133	0133	0148	S26	W29	6387	12	4.8	15	SF		3	E		31		
	VORO	07	0133	0134	0139	S25	W29	6387	12	4.8	6	SF		2	C	0134	63	0.8	DIJ
	PALE	07	0134	0135	0140	S26	W28	6387	12	4.9	6	SF		3	E		25		
	PEKG	07	0135E	0135	0135D	S26	W32	6387	12	4.6	6D	SB			P	0135	63	0.8	D
0105		07	02061	0209	0214	S26	W29	6387	12	4.8	8	SF					85	1.6	DFIJ
	VORO	07	0206	0209	0215	S25	W29	6387	12	4.8	9	SF		2	C	0209	125	1.6	DIJ
	PALE	07	0207	0209	0214	S26	W29	6387	12	4.8	7	SF		3	E		45		F
0106		07	04251	04282	0440	N10	E20	6397	12	8.7	15	SF	C 3.4				45	0.5	EF
	LEAR	07	0425	0428	0440	N09	E20	6397	12	8.7	15	SF	C 3.4	3	E		42		F
	URUM	07	0426	0430	0439	N10	E21	6397	12	8.8	13	SF			C		48	0.5	E
0107	URUM	07	0434	0436	0450	S25	W80	6400	12	1.0	16	1N			C		96		A
0108	LEAR	07	0524	0525	0641	S23	W33	6387	12	4.7	77	SF		3	E		19		
0109	YUNN	07	0700E	0702	0708D	S27	W33	6387	12	4.7	8D	SN			P		31	0.4	
0110		07	07061	07202	0753	N24	E71	6408	12	12.8	47	1B					141	3.8	EG
	TACH	07	0706		0753	N25	E68	6408	12	12.6	47	1B		1	C	0719	107	2.3	G
	YUNN	07	0707	0722	0730D	N21	E74	6408	12	13.0	23D	SN			P		63		
	PEKG	07	0720E	0720	0720D	N26	E70	6408	12	12.7	23D	1B			P	0725	252	5.3	E
0111		07	0729	07356	0752	N12	E12	6397	12	8.2	23	SB					100	1.0	EF
	TACH	07	0729	0735	0753	N12	E09	6397	12	8.0	24	SB		1	C	0735	153	1.6	EF
	YUNN	07	0729E	0741	0752	N12	E16	6397	12	8.5	23D	SN			P		47	0.5	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Area Measurement Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0112	YUNN	07	0729E	0741	0752	N12	E05	6395	12	7.7	23D	SN			P		47	0.5	
0113	ONDR	07	0819E	0824	0836	S21	W34	6387	12	4.7	17D	SN			C	0824	80	1.1	CE
0114		07	09286	09318	0947	S26	W33	6387	12	4.8	19	SF	C 2.8				56	1.6	F
	HTPR	07	0928	0931	0945	S27	W32	6387	12	4.9	17	SF			C	0931	120	1.6	
	LEAR	07	0929	0939	0949	S26	W34	6387	12	4.7	20	SF	C 2.8	3	E		31		F
	SVTO	07	0934	0938	0947	S26	W32	6387	12	4.9	13	SF	C 2.8	3	E		16		
0115	RAMY	07	1218	1218	1227	S11	W19	6402	12	6.1	9	SF		3	E		10		
0116	RAMY	07	1250	1250	1255	N09	E14	6397	12	8.6	5	SF		3	E		16		F
0117	RAMY	07	1312	1327	1330	N14	E03	6395	12	7.8	18	SF		3	E		23		F
0118	HTPR	07	1345	1350	1400	S14	W43	6407	12	4.3	15	SF			C	1350	60	0.8	
0119		07	1408	1410	1433	N09	E15	6397	12	8.7	25	1N	M 1.0				248	5.3	EF
	HTPR	07	1408	1410	1430	N10	E15	6397	12	8.7	22	2B			C	1410	505	5.3	F
	RAMY	07	1408	1410	1436	N09	E16	6397	12	8.8	28	1F	M 1.0	3	E		128		F
	HOLL	07	1420E	1420U	1430D	N09	E14	6397	12	8.6	10D	1B		1	E		110		FE
0120		07	14202	14253	1441	N20	E06	6395	12	8.0	21	SF					68	1.2	F
	HTPR	07	1420	1428	1435	N20	E05	6395	12	8.0	15	SF			C	1428	120	1.2	
	RAMY	07	1422	1425	1447	N20	E06	6395	12	8.0	25	SF		3	E		17		F
0121		07	1819*	1819*	1834	S24	W36	6387	12	5.0	15	SF	C 3.3				20		F
	HOLL	07	1819	1819	1830	S23	W38	6387	12	4.8	11	SF	C 3.3	3	E		18		F
	RAMY	07	1829	1834	1838	S25	W35	6387	12	5.0	9	SF		3	E		23		
0122		07	19159	19188	1933	S24	W37	6387	12	4.9	18	SF					31		FK
	RAMY	07	1915	1918	1924	S26	W37	6387	12	4.9	9	SF		3	E		29		F
	HOLL	07	1915	1919	1935	S24	W38	6387	12	4.9	20	SB			E		39		K
	HOLL	07	1915	1925	1935	S24	W38	6387	12	4.9	20	SF		3	E		34		
	PALE	07	1916	1926	1931	S24	W38	6387	12	4.9	15	SF		3	E		25		
	RAMY	07	1924	1926	1938	S24	W36	6387	12	5.0	14	SF		3	E		26		F
0123		07	1932*	19497	2015	N11	E08	6397	12	8.4	43	SF					30		F
	RAMY	07	1932	1949	2027	N12	E09	6397	12	8.5	55	SF		3	E		36		F
	HOLL	07	1933	1956	2021	N09	E08	6397	12	8.4	48	SF		3	E		34		
	PALE	07	1951	1955	1958	N13	E07	6397	12	8.3	7	SF		3	E		20		F
0124		07	22273	22311	2244	N19	W01	6395	12	7.8	17	SF	C 2.2				20		
	LEAR	07	2227	2231	2248	N19	W02	6395	12	7.8	21	SF	C 2.2	3	E		24		
	HOLL	07	2230	2232	2239	N19	E00	6395	12	7.9	9	SF	C 2.2	3	E		15		
0125	LEAR	08	0108	0108	0117	S15	W49	6407	12	4.3	9	SF		3	E		22		
0126	LEAR	08	0114	0116	0119	N19	W01	6395	12	8.0	5	SF		3	E		14		
0127	VORO	08	0141	0142	0146	N20	E01	6395	12	8.1	5	SF		2	C	0142	54	0.6	DI
0128	VORO	08	0142	0144	0200	S12	W28	6402	12	6.0	18	SF		2	C	0144	108	1.2	D
0129	PALE	08	0232	0238	0241	S16	W51	6407	12	4.2	9	SF		3	E		27		
0130	LEAR	08	0254	0259	0308	S13	W55	6407	12	4.0	14	SF		3	E		13		
0131	LEAR	08	0302	0303	0310	N19	W04	6395	12	7.8	8	SF		3	E		20		
0132	URUM	08	0550	0554	0610	N14	W19	6398	12	6.8	20	SF			C		32	0.4	D
0133		08	06403	06443	0706	S11	W32	6402	12	5.9	26	SN	C 7.3				50	0.7	EU
	YUNN	08	0639E	0644	0654D	S11	W32	6402	12	5.9	15D	SN			P		63	0.8	
	TACH	08	0640	0645	0704	S10	W33	6402	12	5.8	24	SF		1	C	0645	41	0.5	E
	LEAR	08	0643	0645	0715	S12	W32	6402	12	5.9	32	SF	C 7.3	3	E		44		UE
	URUM	08	0645E	0647	0700	S10	W31	6402	12	5.9	15D	SB			C		64	0.8	E
	SVTO	08	0655E	0656U	0705	S13	W31	6402	12	5.9	10D	SF		2	E		39		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0134		08	06599	07123	0728	N14	W21	6398	12	6.7	29	SN					106	1.5	DEFH
	URUM	08	0659	0715	0726	N15	W20	6398	12	6.8	27	SB			C		96	1.1	E
	SVTO	08	0701	0713	0725	N13	W21	6398	12	6.7	24	SF		3	E		94		FH
	LEAR	08	0702	0713	0736	N14	W22	6398	12	6.6	34	SF		3	E		59		FH
	ABST	08	0708	0712	0723	N15	W21	6398	12	6.7	15	SN			C	0712	174	1.9	D
0135	LEAR	08	0734	0740	0744D	N24	E67	6408	12	13.5	100	SF		3	E		42		
0136	HTPR	08	0850	0856	0905	N10	W22	6398	12	6.7	15	SF			C	0856	40	0.5	
0137		08	09405	09428	1008	S14	W55	6407	12	4.2	28	SF					16		
	HTPR	08	0940	0948	1000	S15	W53	6407	12	4.4	20	SF			C				
	LEAR	08	0942	0942	1016	S13	W57	6407	12	4.1	34	SF		3	E		12		
	KANZ	08	0942	0950	1006	S13	W55	6407	12	4.2	24	SF			V				
	SVTO	08	0945	0949	1010	S16	W54	6407	12	4.3	25	SF		3	E		21		
0138		08	09553	10011	1030	N09	E03	6397	12	8.6	35	1N	C 4.9				148	2.2	EF
	SVTO	08	0955	1001	1031	N09	E03	6397	12	8.6	36	SN	C 4.9	3	E		76		F
	LEAR	08	0956	1002	1025	N09	E02	6397	12	8.6	29	1N	C 4.9	3	E		106		F
	HTPR	08	0958	1001	1035	N10	E02	6397	12	8.6	37	1B			C	1001	200	2.1	
	KANZ	08	0958	1002	1027	N09	E03	6397	12	8.6	29	1N			V				
	KHAR	08	1005E		1022D	N09	E03	6397	12	8.6	17D	1F			P	1010	210	2.3	E
0139		08	10042	10061	1016	N15	W23	6398	12	6.7	12	SF					22		
	LEAR	08	1004	1007	1017	N15	W23	6398	12	6.7	13	SF		3	E		23		
	KANZ	08	1006	1006	1017	N15	W22	6398	12	6.7	11	SF			V				
	SVTO	08	1006	1007	1015	N15	W23	6398	12	6.7	9	SF		3	E		20		
0140		08	1130*	11414	1204	N14	W23	6398	12	6.7	34	SF	C 4.5				29		
	KANZ	08	1130	1141	1204	N15	W23	6398	12	6.7	34	SF			V				
	RAMY	08	1139	1145	1205	N13	W22	6398	12	6.8	26	SF	C 4.5	3	E		31		
	SVTO	08	1141	1144	1203	N13	W24	6398	12	6.7	22	SF	C 4.5	3	E		27		
0141	RAMY	08	1208	1210	1245	S11	W32	6402	12	6.1	37	SF		3	E		13		F
0142		08	12451	1249	1256	N14	W23	6398	12	6.8	11	SF					21		F
	KANZ	08	1245	1249	1256	N13	W24	6398	12	6.7	11	SF			V				
	RAMY	08	1246	1249	1257	N15	W22	6398	12	6.9	11	SF		3	E		21		F
0143		08	13251	13284	1348	N20	W06	6395	12	8.1	23	SF	C 3.8				16		F
	SVTO	08	1325	1332	1350	N19	W08	6395	12	7.9	25	SF	C 3.8	3	E		19		
	RAMY	08	1326	1328	1347	N20	W05	6395	12	8.2	21	SF		3	E		12		F
0144		08	14353	14392	1514	N14	W23	6398	12	6.9	39	SF					46		F
	RAMY	08	1435	1439	1501	N15	W22	6398	12	6.9	26	SF		3	E		20		F
	HOLL	08	1438	1441	1528	N14	W24	6398	12	6.8	50	SF		3	E		71		F
0145		08	14374	14462	1507	N09	E01	6397	12	8.7	30	SF					24		F
	RAMY	08	1437	1448	1510	N09	E02	6397	12	8.7	33	SF		3	E		25		F
	HOLL	08	1441	1446	1504	N09	E00	6397	12	8.6	23	SF		3	E		22		F
0146	HOLL	08	1438	1506	1531	S14	W56	6407	12	4.4	53	SF		3	E		30		F
0147		08	14391	14411	1447	S27	E36	6406	12	11.4	8	SF					16		F
	RAMY	08	1439	1442	1445	S27	E36	6406	12	11.4	6	SF		3	E		11		F
	HOLL	08	1440	1441	1449	S27	E35	6406	12	11.3	9	SF		3	E		20		F
0148	HOLL	08	1500	1501	1512	S27	E35	6406	12	11.3	12	SF	C 4.4	3	E		13		F
0149	HOLL	08	1529	1541	1546	N14	W23	6398	12	6.9	17	SF		3	E		35		F
0150	HOLL	08	1541	1543	1550	S15	W58	6407	12	4.3	9	SF		3	E		12		F
0151	HOLL	08	1548	1556	1612	S11	W35	6402	12	6.0	24	SF		3	E		22		F
0152	HOLL	08	1554	1605	1625	S15	W58	6407	12	4.3	31	SF		3	E		23		F
0153	HOLL	08	1602	1604	1617	N14	W25	6398	12	6.8	15	SF		3	E		17		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Imp See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0154	HOLL	08	1726	1732	1744	N15	W25	6398	12	6.8	18	SF		3	E		17		F
0155		08	18142	1816	1828	N16	W24	6398	12	6.9	14	SF					18		F
	HOLL	08	1814	1816	1835	N15	W24	6398	12	6.9	21	SF		3	E		15		F
	RAMY	08	1816	1816	1821	N16	W23	6398	12	7.0	5	SF		3	E		20		F
0156		08	1814	1818*	1837	S11	W37	6402	12	6.0	23	SN					11		FK
	HOLL	08	1814	1818	1837	S11	W37	6402	12	6.0	23	SN			E		10		K
	HOLL	08	1814	1828	1837	S11	W37	6402	12	6.0	23	SF		3	E		12		F
0157	HOLL	08	1844	1847	1851	N14	W25	6398	12	6.9	7	SF	C 4.3	3	E		19		F
0158	HOLL	08	1855	1855	1913	N12	W11	6397	12	7.9	18	SF		3	E		11		
0159	HOLL	08	1943	1946	1954	N15	W28	6398	12	6.7	11	SF		3	E		16		
0160	HOLL	08	2108	2109	2145	S11	W39	6402	12	5.9	37	SF		3	E		13		
0161		08	2153	2154	2200	S26	E30	6406	12	11.2	7	SF					25		
	PALE	08	2153	2154	2158	S26	E31	6406	12	11.3	5	SF		3	E		16		
	HOLL	08	2153	2154	2202	S27	E30	6406	12	11.2	9	SF		3	E		34		
0162		08	2252*	2301*	2324	N14	W29	6398	12	6.8	32	SF	C 2.7				19		
	PALE	08	2252	2301	2302	N15	W27	6398	12	6.9	10	SF		3	E		22		
	LEAR	08	2252	2314	2334	N14	W30	6398	12	6.7	42	SF	C 2.7	3	E		16		
	HOLL	08	2252	2315	2326D	N14	W30	6398	12	6.7	34D	SF	C 2.7	3	E		21		
	PALE	08	2305	2319	2337	N13	W30	6398	12	6.7	32	SF	C 2.7	3	E		18		
0163		08	2356*	2414	2416	N15	W28	6398	12	6.9	20	SF	C 2.6				65		
	LEAR	08	2356		2409	N15	W27	6398	12	6.9	13	1F	C 2.6	3	E		129		
	PALE	08	2358E	2359U	2425D	N15	W27	6398	12	6.9	27D	SF	C 2.6	3	E		27		
	LEAR	09	0010	0014	0024	N14	W29	6398	12	6.8	14	SF		3	E		40		
0164	LEAR	09	0047	0049	0107	N13	W33	6398	12	6.5	20	SF		3	E		27		
0165	LEAR	09	0224	0232	0257	S11	W45	6402	12	5.7	33	SF		3	E		21		
0166		09	0311	03152	0326	N13	W32	6398	12	6.7	15	1N	C 4.9				136	2.1	D
	LEAR	09	0311	0315	0326	N13	W32	6398	12	6.7	15	1F	C 4.9	3	E		105		
	PEKG	09	0317E	0317	0318D	N13	W32	6398	12	6.7	1D	1N			P	0318	168	2.1	D
0167		09	0503	05043	0520	N02	E82	6410	12	15.3	17	SN					22		
	LEAR	09	0503	0504	0520	N02	E80	6410	12	15.2	17	SF		3	E		29		
	YUNN	09	0503E	0507	0507D	N03	E84	6410	12	15.5	4D	SN			P		16		
0168	LEAR	09	0544	0544	0554	N24	E55	6408	12	13.5	10	SF		3	E		27		
0169		09	0815	08183	0834	N03	E78	6410	12	15.2	19	1N	M 2.8				109	4.7	E
	LEAR	09	0815	0818	0836	N02	E79	6410	12	15.2	21	1N	M 2.8	3	E		109		E
	SVTO	09	0817E	0818U	0839	N05	E76	6410	12	15.0	22D	1N		2	E		108		
	ATHN	09	0817E	0821	0828	N02	E78	6410	12	15.2	11D	1B		3	V	0821	111	4.7	
0170		09	0921	0926	0955	N08	W12	6397	12	8.5	34	1F	M 1.0				122		F
	LEAR	09	0921	0926	1003	N09	W11	6397	12	8.6	42	1F	M 1.0	3	E		131		F
	SVTO	09	0923E	0926U	0947	N08	W13	6397	12	8.4	24D	1F	M 1.0	3	E		114		
		09	1040		1105	No Flare Patrol													
0171	RAMY	09	1125	1133	1141	N16	W33	6398	12	7.0	16	SF	C 4.9	3	E		23		F
0172		09	1409	1410	1429	N14	W36	6398	12	6.9	20	SN	C 3.2				26		K
	HOLL	09	1409E	1410U	1426	N13	W37	6398	12	6.8	17D	SF		1	E		25		
	RAMY	09	1409	1410	1431	N15	W36	6398	12	6.9	22	SN			E		18		K
	RAMY	09	1409	1424U	1431	N15	W36	6398	12	6.9	22	SN	C 3.2	3	E		36		
0173	RAMY	09	1525	1530	1537	N08	W16	6397	12	8.4	12	SF		3	E		22		
0174		09	1552	15528	1612	N10	W24	6397	12	7.8	20	SF					32		F
	HOLL	09	1552	1552	1612	N09	W24	6397	12	7.8	20	SF		3	E		32		F
	RAMY	09	1552	1600	1613	N10	W23	6397	12	7.9	21	SF		3	E		33		F

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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	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0175	HOLL	09	1626	1626	1629	N14	W40	6398	12	6.7	3	SF		4	E		15		F
0176		09	1817	18187	1859	N13	W41	6398	12	6.7	42	SN					28		FK
	HOLL	09	1817	1818	1859	N13	W41	6398	12	6.7	42	SN			E		23		K
	HOLL	09	1817	1825	1859	N13	W41	6398	12	6.7	42	SF		4	E		33		F
0177	PALE	09	1826E	1828	1830	S12	W53	6402	12	5.8	4D	SF		3	E		11		
0178	RAMY	09	1924	1928	1932	N09	W25	6397	12	7.9	8	SF		3	E		20		
0179		09	19565	20022	2018	S26	W62	6387	12	5.0	22	SF	C 4.2				64		F
	RAMY	09	1956	2002	2026	S25	W60	6387	12	5.2	30	SF		3	E		54		F
	HOLL	09	1959	2004	2016	S25	W63	6387	12	4.9	17	SF	C 4.2	4	E		64		F
	PALE	09	2001	2002	2013	S27	W64	6387	12	4.8	12	SF		3	E		74		F
0180		09	20371	20374	2047	S26	W61	6387	12	5.1	10	SF					16		
	PALE	09	2037	2037	2045	S28	W62	6387	12	5.0	8	SF		3	E		12		
	RAMY	09	2037	2039	2047	S25	W59	6387	12	5.3	10	SF		3	E		22		
	HOLL	09	2038	2041	2048	S26	W62	6387	12	5.0	10	SF		3	E		14		
0181		09	2046	2046	2059	N18	W28	6395	12	7.7	13	SF					16		F
	RAMY	09	2046	2046	2056	N19	W28	6395	12	7.7	10	SF		3	E		12		
	HOLL	09	2046	2046	2102	N18	W27	6395	12	7.8	16	SF		4	E		20		F
0182		09	2048*	2056*	2120	S27	W62	6387	12	5.0	32	SF					28		
	RAMY	09	2048	2058	2105	S25	W60	6387	12	5.2	17	SF		3	E		16		
	PALE	09	2055	2056	2109	S28	W62	6387	12	5.0	14	SF		3	E		13		
	HOLL	09	2055	2113	2146	S26	W62	6387	12	5.0	51	SF		3	E		53		
	PALE	09	2114	2116	2126D	S28	W62	6387	12	5.0	12D	SF		3	E		32		
0183		09	2203*	2214*	2327	N13	W43	6398	12	6.7	84	1F	C 5.1				90		EFK
	HOLL	09	2203	2230	2339	N14	W42	6398	12	6.7	96	SF			E		36		K
	HOLL	09	2203	2307	2339	N14	W42	6398	12	6.7	96	1N	C 5.1	3	E		157		FE
	PALE	09	2210E	2214	2229D	N11	W43	6398	12	6.7	19D	SF		3	E		47		
	LEAR	09	2212	2237	2333	N13	W43	6398	12	6.7	81	1F			E		102		K
	LEAR	09	2212	2309	2333	N13	W43	6398	12	6.7	81	1F		3	E		114		F
	PALE	09	2232	2236	2244	N12	W43	6398	12	6.7	12	SF		3	E		26		
	PALE	09	2254	2309	2335	N13	W44	6398	12	6.6	41	1F		3	E		152		
0184		09	2207	22121	2232	N26	E48	6408	12	13.6	25	SF					34		
	HOLL	09	2207	2212	2232	N25	E49	6408	12	13.7	25	SF		3	E		51		
	PALE	09	2210E	2213	2221D	N27	E48	6408	12	13.7	11D	SF		3	E		17		
0185		09	2227*	2231*	2251	S26	W65	6387	12	4.9	24	SF					30		
	LEAR	09	2227	2231	2315	S24	W67	6387	12	4.7	48	SF		3	E		44		
	HOLL	09	2228	2231	2239	S26	W64	6387	12	5.0	11	SF		3	E		25		
	PALE	09	2230	2231	2234	S27	W62	6387	12	5.1	4	SF		3	E		21		
	PALE	09	2244	2248	2255	S25	W68	6387	12	4.7	11	SF		3	E		29		
0186		09	23114	23154	2334	N19	W27	6395	12	7.9	23	SF					36		F
	LEAR	09	2311	2319	2338	N19	W28	6395	12	7.8	27	SF		3	E		53		
	HOLL	09	2315	2315	2330	N19	W26	6395	12	8.0	15	SF		3	E		20		F
0187	LEAR	09	2327	2328	2333	S23	W62	6387	12	5.2	6	SF		3	E		22		
0188	LEAR	10	0016	0019	0027	N14	W45	6398	12	6.6	11	SF		3	E		35		
0189		10	00231	00241	0042	S27	W66	6387	12	4.9	19	SF	C 2.6				22		
	LEAR	10	0023	0025	0054	S26	W67	6387	12	4.8	31	SF	C 2.6	3	E		31		
	PALE	10	0024	0024	0031	S28	W66	6387	12	4.8	7	SF	C 2.6	3	E		13		
0190		10	0037*	0040*	0100	N14	W44	6398	12	6.7	23	SF	C 3.3				23		
	PALE	10	0037	0040	0043	N15	W41	6398	12	6.9	6	SF		3	E		11		
	LEAR	10	0041	0047	0111	N13	W44	6398	12	6.7	30	SF	C 3.3	3	E		26		
	PALE	10	0052	0059	0106	N13	W46	6398	12	6.6	14	SF		3	E		31		
0191	PALE	10	0050	0050	0059	S12	W56	6402	12	5.8	9	SF		3	E		21		
0192	PALE	10	0108	0111	0117	S11	W54	6402	12	6.0	9	SF		3	E		73		

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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	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0193	LEAR	10	0125	0126	0144	N15	W41	6398	12	6.9	19	SF	C 2.6	3	E		26		
0194		10	0251	02501	0256	N14	W48	6398	12	6.5	5	SN					56	1.3	E
	PEKG	10	0250E	0250	0255	N14	W48	6398	12	6.5	5D	SN			C	0250	84	1.3	E
	LEAR	10	0251	0251	0257	N14	W48	6398	12	6.5	6	SF		3	E		28		
0195		10	0422	04277	0440	N13	W48	6398	12	6.6	18	SB					94	1.4	E
	PEKG	10	0422	0427	0435	N10	W48	6398	12	6.6	13	SB			P	0427	126	1.9	E
	YUNN	10	0430E	0434	0446	N16	W48	6398	12	6.5	16D	SN			P		63	1.0	
0196	LEAR	10	0654	0657	0717	N16	W32	6395	12	7.9	23	SF		3	E		77		F
0197		10	0657*	0727*	0832	N15	W47	6398	12	6.7	95	1N	M 5.8				232	2.5	DFHJKV
	LEAR	10	0657	0730	0913	N15	W47	6398	12	6.7	136	2F			E		259		K
	LEAR	10	0657	0755	0913	N15	W47	6398	12	6.7	136	2B	M 5.8	3	E		422		FH
	ABST	10	0722	0729	0742	N17	W46	6398	12	6.8	20	1F			C	0729	131	2.1	D
	ABST	10	0725	0727	0734	N13	W51	6398	12	6.5	9	SF			C	0727	87	1.3	F
	ISTA	10	0740E		0905	N15	W47	6398	12	6.8	85D	2B			P				V
	ABST	10	0744	0753	0822	N13	W45	6398	12	6.9	38	1N			C	0753	262	4.0	J
0198	ISTA	10	0849		0855	S11	W58	6402	12	6.0	6	SF			P				D
0199		10	0932*	0943*	0956	N12	W50	6398	12	6.6	24	SF	C 3.4				30		H
	LEAR	10	0932	0943	0948	N13	W50	6398	12	6.6	16	SF	C 3.4	3	E		34		
	LEAR	10	0954	0955	1005	N12	W49	6398	12	6.7	11	SF	C 3.6	3	E		26		H
		10	1046		1104	No Flare Patrol													
		10	1126		1243	No Flare Patrol													
0200	RAMY	10	1301	1302	1318	S12	W68	6402	12	5.4	17	SF		3	E		34		F
0201		10	1306*	1311*	1329	N14	W54	6398	12	6.5	23	SF	C 6.8				25		K
	RAMY	10	1306	1311	1318	N14	W51	6398	12	6.7	12	SF	C 6.8	3	E		24		
	RAMY	10	1320	1321	1334	N14	W55	6398	12	6.4	14	SF			E		21		K
	RAMY	10	1320	1330	1334	N14	W55	6398	12	6.4	14	SF		3	E		29		
0202	RAMY	10	1306	1306	1331	S24	W80	6387	12	4.4	25	SF		3	E		23		F
		10	1353		1409	No Flare Patrol													
0203	HOLL	10	1445E	1446U	1532	N21	W50	6399	12	6.8	47D	SF	C 2.5	2	E		24		F
0204		10	1513	15174	1537	N09	W27	6397	12	8.6	24	SF	C 3.7				63		FH
	HOLL	10	1513	1517	1538	N09	W26	6397	12	8.7	25	SF		3	E		72		FH
	RAMY	10	1515E	1521	1536	N09	W28	6397	12	8.5	21D	SF	C 3.7	3	E		54		FH
0205		10	16206	1629	1642	N14	W52	6398	12	6.7	22	SF	C 2.5				19		
	RAMY	10	1620	1629	1646	N14	W53	6398	12	6.7	26	SF	C 2.5	3	E		21		
	HOLL	10	1626	1629	1638	N14	W52	6398	12	6.7	12	SF	C 2.5	3	E		17		
0206		10	1621	16242	1644	S10	W63	6402	12	5.9	23	SF					27		
	RAMY	10	1621	1624	1642	S09	W63	6402	12	5.9	21	SF		3	E		31		
	HOLL	10	1621	1626	1645	S10	W63	6402	12	5.9	24	SF		3	E		23		
0207		10	16477	16488	1658	N14	W53	6398	12	6.7	11	SF					22		F
	RAMY	10	1647	1648	1652	N14	W53	6398	12	6.7	5	SF		3	E		28		F
	RAMY	10	1654	1656	1704	N15	W53	6398	12	6.7	10	SF		3	E		17		
0208		10	1659	17021	1712	S10	W67	6402	12	5.7	13	SF					43		
	HOLL	10	1659	1702	1713	S10	W68	6402	12	5.6	14	SF		3	E		47		
	RAMY	10	1659	1703	1710	S10	W66	6402	12	5.7	11	SF		3	E		39		
0209		10	17131	1719	1726	N14	W54	6398	12	6.6	13	SF	C 2.6				44		
	RAMY	10	1713	1719	1725	N14	W54	6398	12	6.6	12	SF	C 2.6	3	E		36		
	HOLL	10	1714	1719	1728	N13	W54	6398	12	6.6	14	SN	C 2.6	3	E		45		
	PALE	10	1717E	1719U	1724	N14	W53	6398	12	6.7	7D	SF	C 2.6	2	E		50		
0210		10	17523	17533	1758	N14	W54	6398	12	6.7	6	SF					30		
	RAMY	10	1752	1753	1757	N14	W54	6398	12	6.7	5	SF		3	E		22		
	PALE	10	1755	1756	1758	N14	W53	6398	12	6.7	3	SF		3	E		38		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Imp See	Obs Type	Area Measurement Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0211		10	1754*	1759*	1820	N20	W52	6399	12	6.8	26	SF	C 6.8				39		F
	HOLL	10	1754	1801	1823	N20	W52	6399	12	6.8	29	SF		3	E		49		F
	PALE	10	1756	1800	1811	N20	W52	6399	12	6.8	15	SF		3	E		27		F
	RAMY	10	1759E	1759	1828	N21	W52	6399	12	6.8	29D	SN	C 6.8	3	E		64		
	PALE	10	1815	1816	1819	N21	W51	6399	12	6.8	4	SF		3	E		15		
0212	HOLL	10	1807	1807	1819	S11	W65	6402	12	5.9	12	SF		3	E		15		
0213		10	18558	19181	1934	S10	W66	6402	12	5.8	39	SF					30		
	RAMY	10	1855	1918	1934	S10	W66	6402	12	5.8	39	SF		3	E		23		
	HOLL	10	1903	1919	1935	S11	W66	6402	12	5.8	32	SF		3	E		37		
0214		10	19274	19311	1936	N08	W30	6397	12	8.6	9	SF					17		FH
	RAMY	10	1927	1932	1937	N09	W29	6397	12	8.6	10	SF		3	E		20		
	PALE	10	1931	1931	1934	N08	W30	6397	12	8.6	3	SF		3	E		14		FH
0215		10	1937*	1952*	2038	N22	E82	6413	12	17.1	61	SF					48		
	HOLL	10	1937	2021	2123	N23	E82	6413	12	17.1	106	SF		3	E		67		
	RAMY	10	1941	1952	2000	N22	E82	6413	12	17.1	19	SF		3	E		47		
	RAMY	10	2010	2027	2031	N22	E82	6413	12	17.1	21	SF		3	E		30		
0216		10	19453	19474	1957	N13	W56	6398	12	6.6	12	SF	C 3.0				28		
	RAMY	10	1945	1947	1958	N14	W55	6398	12	6.7	13	SF		3	E		22		
	HOLL	10	1945	1951	1959	N13	W55	6398	12	6.7	14	SF	C 3.0	3	E		41		
	PALE	10	1948	1950	1953	N12	W57	6398	12	6.5	5	SF	C 3.0	3	E		20		
0217		10	2016	2017*	2031	S10	W67	6402	12	5.8	15	SF					22		K
	RAMY	10	2016	2017	2031	S10	W67	6402	12	5.8	15	SF			E		14		K
	RAMY	10	2016	2028	2031	S10	W67	6402	12	5.8	15	SF		3	E		31		
0218	HOLL	10	2036	2051	2103	N14	W53	6398	12	6.8	27	SF		3	E		18		
0219	HOLL	10	2037	2058	2126	S11	W67	6402	12	5.8	49	SF		3	E		27		
0220	HOLL	10	2042	2044	2055	S22	W80	6387	12	4.7	13	SF		3	E		18		
0221	HOLL	10	2123	2134	2137	N21	E76	6413	12	16.7	14	SF		3	E		12		
0222	LEAR	10	2210E	2210U	2309	N15	W52	6398	12	7.0	59D	1N	C 8.6	2	E		147		F
0223	LEAR	10	2239	2304	2316	S10	W69	6402	12	5.7	37	SF	C 5.2	3	E		83		F
0224	LEAR	10	2249	2251	2301	N24	E37	6408	12	13.8	12	SF		3	E		15		
0225	LEAR	10	2326	2331	2339	S27	W83	6387	12	4.5	13	SF		3	E		12		
0226		10	23394	23421	2411	N20	W57	6399	12	6.6	32	SF	C 5.7				61	1.8	DIJ
	LEAR	10	2339	2342	2426	N20	W56	6399	12	6.7	47	SF	C 5.7	3	E		55		
	VORO	10	2340E	2343	2356	N21	W59	6399	12	6.5	16D	SF		2	C	2343	90	1.8	DIJ
	PALE	10	2343	2351U	2425D	N19	W57	6399	12	6.6	42D	SF		3	E		39		
0227	PALE	10	2349	2349		S16	W90	6407	12	4.2		SF		3	E		59		
0228	LEAR	11	0019	0020	0038	N15	W44	6395	12	7.7	19	SF		3	E		11		
0229	LEAR	11	0035	0041	0056	N22	E77	6413	12	16.9	21	SF		3	E		23		
0230	PALE	11	0240	0240	0251	N21	W56	6399	12	6.8	11	SF		3	E		17		
0231		11	02527	03091	0333	N20	W57	6399	12	6.7	41	SF	C 5.4				39		
	PALE	11	0252	0310	0334	N21	W56	6399	12	6.8	42	SF	C 5.4	3	E		37		
	LEAR	11	0259	0309	0332	N20	W58	6399	12	6.7	33	SF		3	E		41		
0232	LEAR	11	0316	0331	0342	N21	E73	6413	12	16.7	26	SF		3	E		51		
0233	LEAR	11	0434	0436	0449	N16	W45	6395	12	7.8	15	SF		3	E		26		F
0234	LEAR	11	0502	0504	0516	S25	W88	6387	12	4.4	14	SF	M 1.1	3	E		64		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0235		11	06201	06237	0646	N20	W60	6399	12	6.7	26	SN	C 4.3				60	2.0	DF
	ABST	11	0620	0623	0642	N20	W60	6399	12	6.7	22	SN			C	0623	87	2.0	D
	LEAR	11	0621	0630	0649	N20	W60	6399	12	6.7	28	SF	C 4.3	3	E		33		F
0236		11	07083	07095	0724	N17	W46	6395	12	7.8	16	SN	C 5.1				72	1.4	EF
	SVTO	11	0706E	0708U	0733D	N14	W46	6395	12	7.8	27D	SF		2	E		68		
	ABST	11	0708	0709	0723	N16	W48	6395	12	7.6	15	SN			C	0709	114	1.9	E
	LEAR	11	0708	0710	0730	N20	W43	6395	12	8.0	22	SF	C 5.1	3	E		57		F
	ISTA	11	0710E		0720	N19	W45	6395	12	7.9	10D	SB			P				F
	YUNN	11	0711	0714	0714D	N16	W48	6395	12	7.6	3D	SB			P		47	0.8	
0237		11	07274	07304	0746	N03	E58	6410	12	15.6	19	SF	C 3.8				52	1.8	DEF
	SVTO	11	0727	0728U	0743	N04	E60	6410	12	15.8	16	SF		2	E		20		
	ABST	11	0727	0730	0746	N03	E61	6410	12	15.9	19	SF			C	0730	87	1.8	D
	LEAR	11	0727	0733	0749	N03	E58	6410	12	15.6	22	SF	C 3.8	3	E		48		F
	ISTA	11	0731	0734	0745	N03	E52	6410	12	15.2	14	SN			P				E
0238	LEAR	11	0830	0838	0846	N20	W43	6395	12	8.1	16	SF		3	E		21		
0239		11	0832*	09125	1028	N15	W59	6398	12	6.9	116	SF	C 3.1				87	1.8	DFI
	SVTO	11	0832	0912	1108	N14	W63	6398	12	6.6	156	SF	C 3.1	3	E		93		
	LEAR	11	0851	0917	0948	N15	W59	6398	12	6.9	57	SF		3	E		75		F
	ONDR	11	0858E	0900U	0905U	N16	W56	6398	12	7.1	7U	SN			C	0900	94	1.8	DI
0240		11	1111*	1132*	1220	N13	W61	6398	12	6.9	69	1N	M 1.3				97	3.0	CEFIK
	SVTO	11	1111	1132	1228	N11	W61	6398	12	6.9	77	1N	M 1.3	3	E		104		F
	SVTO	11	1111	1144	1228	N11	W61	6398	12	6.9	77	1N			E		84		K
	RAMY	11	1132	1133	1214	N13	W62	6398	12	6.8	42	SN	M 1.3	3	E		82		F
	RAMY	11	1132	1154	1214	N13	W62	6398	12	6.8	42	SN			E		77		K
	ONDR	11	1150E	1156	1214	N15	W61	6398	12	6.9	24D	1B			C	1156	137	3.0	CEI
0241	RAMY	11	1308	1309	1311	S10	W79	6402	12	5.6	3	SF		3	E		18		
0242	RAMY	11	1324	1336	1342	S10	W82	6402	12	5.4	18	SF		3	E		11		
0243		11	1411*	14188	1427	S10	W76	6402	12	5.9	16	SF	C 2.5				16		
	RAMY	11	1411	1418	1421	S10	W76	6402	12	5.9	10	SF	C 2.5	3	E		15		
	RAMY	11	1422	1426	1433	S10	W76	6402	12	5.9	11	SF		3	E		17		
0244	RAMY	11	1419	1419	1424	N07	E72	6415	12	17.0	5	SF		3	E		13		
0245	HOLL	11	1511	1523	1533	S13	W79	6402	12	5.7	22	SF	C 2.5	3	E		40		
0246	HOLL	11	1543	1553	1603	S14	W96	6407	12	4.4	20	1F		3	E		107		
0247	RAMY	11	1547	1549	1603	S08	W79	6402	12	5.7	16	SF	C 2.9	3	E		41		
0248	RAMY	11	1550	1550	1558	N13	W68	6398	12	6.5	8	SF		3	E		19		
0249		11	16182	16213	1655	N10	W44	6397	12	8.4	37	SF					24		F
	RAMY	11	1618	1621	1656	N08	W43	6397	12	8.4	38	SF		3	E		27		F
	HOLL	11	1620	1624	1654	N12	W45	6397	12	8.3	34	SF		3	E		22		
0250	RAMY	11	1626	1627	1632	S12	W80	6402	12	5.6	6	SF		3	E		18		
0251	RAMY	11	1728	1800	1810	N20	W51	6395	12	7.8	42	SF		3	E		53		F
0252	RAMY	11	1813	1815	1827	S10	W78	6402	12	5.9	14	SF		3	E		15		
0253	RAMY	11	1815	1821	1831	N12	W66	6398	12	6.8	16	SF	M 1.3	3	E		25		F
0254		11	1842	18421	1846	N15	E79	6412	12	17.7	4	SF					16		F
	RAMY	11	1842	1842	1846	N15	E80	6412	12	17.8	4	SF		3	E		16		F
	HOLL	11	1842	1843	1847	N15	E78	6412	12	17.7	5	SF		3	E		15		
0255		11	18535	18584	1910	S10	W80	6402	12	5.8	17	SF					19		
	HOLL	11	1853	1902	1909	S10	W80	6402	12	5.8	16	SF		3	E		25		
	RAMY	11	1858	1858	1911	S10	W81	6402	12	5.7	13	SF		3	E		13		

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0256		11	1948	1950*	2013	N15	E81	6412A	12	17.9	25	SF					72		K
	HOLL	11	1948	1950	2013	N15	E81	6412A	12	17.9	25	SF		3	E		82		
	HOLL	11	1948	2006	2013	N15	E81	6412A	12	17.9	25	SF			E		62		K
0257	RAMY	11	1951	1954	1959	N16	W54	6395	12	7.7	8	SF		3	E		55		
0258		11	19581	20041	2010	N14	W69	6398	12	6.6	12	SF	C 3.7				62		F
	HOLL	11	1958	2004	2012	N14	W67	6398	12	6.8	14	SF	C 3.7	3	E		89		F
	RAMY	11	1959	2005	2008	N13	W71	6398	12	6.5	9	SF		3	E		34		F
0259	RAMY	11	2010	2013	2017	N05	E48	6410	12	15.4	7	SF		3	E		17		
0260	HOLL	11	2011	2017	2027	S25	W90	6387	12	4.9	16	SF		3	E		21		
0261		11	20142	2017	2024	S11	W81	6402	12	5.7	10	SF					48		
	PALE	11	2013E	2016U	2026D	S10	W80	6402	12	5.8	13D	SF		3	E		62		
	HOLL	11	2014	2017	2022	S13	W81	6402	12	5.7	8	SN		3	E		43		
	RAMY	11	2016	2017	2025	S10	W81	6402	12	5.7	9	SF		3	E		38		
0262		11	2036	20371	2044	N09	W44	6397	12	8.5	8	SF					13		
	RAMY	11	2036	2037	2043	N09	W44	6397	12	8.5	7	SF		3	E		10		
	HOLL	11	2036	2038	2046	N09	W43	6397	12	8.6	10	SF		3	E		16		
0263	HOLL	11	2039	2100	2112	S25	W90	6387	12	4.9	33	SN		3	E		69		E
0264	HOLL	11	2046	2047	2053	S11	W80	6402	12	5.8	7	SF	M 6.5	3	E		37		
0265	HOLL	11	2213	2214	2223	N07	E50	6410	12	15.7	10	SF		3	E		13		
0266		11	2220*	2221*	2307	N15	W69	6398	12	6.7	47	SF	M 1.1				46		EF
	HOLL	11	2220	2221	2228	N16	W66	6398	12	6.9	8	SF		3	E		50		
	PALE	11	2222E	2310U	2336	N17	W68	6398	12	6.8	74D	SF		3	E		57		F
	HOLL	11	2257	2306	2318	N13	W72	6398	12	6.5	21	SN	M 1.1	3	E		31		E
0267		11	2223	2230*	2349D	N20	W66	6399	12	6.9	86D	SN					60		EFK
	HOLL	11	2223	2230	2349D	N20	W66	6399	12	6.9	86D	SN			E		63		K
	HOLL	11	2223	2302	2349D	N20	W66	6399	12	6.9	86D	SN		3	E		58		FE
0268	LEAR	12	0013	0018	0040	N20	W67	6399	12	6.9	27	SF		3	E		17		
0269	LEAR	12	0116	0129	0150	N20	W67	6399	12	6.9	34	SF		3	E		14		
0270		12	02522	02581	0310	N21	W67	6399	12	7.0	18	SF	C 4.0				62	2.2	EFIJ
	VORO	12	0252		0300D	N22	W61	6399	12	7.4	8D	1F		2	C	0258	81	2.2	EIJ
	LEAR	12	0253	0259	0308	N23	W69	6399	12	6.8	15	SF	C 4.0	3	E		86		
	PALE	12	0254	0258	0311	N19	W70	6399	12	6.8	17	SF		2	E		20		F
0271	YUNN	12	0330E	0335	0338D	N14	W51	6397	12	8.3	8D	SN			P		31	0.5	
0272	YUNN	12	0330E	0338U	0345D	S26	W90	6387	12	5.1	15D				P	0338			
0273	YUNN	12	0330	0332	0347	N19	E80	6412A	12	18.2	17	SN			P		16		
0274		12	0325	03298	0352	N20	W68	6399	12	6.9	27	1N					112		DE
	YUNN	12	0315E	0337U	0345D	N20	W67	6399	12	7.0	30D	1B			P	0337	126		
	WATU	12	0325	0331	0345	N19	W69	6399	12	6.9	20	1F			C	0331	90		
	PEKG	12	0329E	0329	0335	N20	W70	6399	12	6.8	6D	1N			P	0329	168		D
	URUM	12	0335E	0337	0415	N21	W67	6399	12	7.0	40D	SN			C		64		E
0275	URUM	12	0340	0341	0349	N12	W69	6398	12	6.9	9	SN			C		48		E

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	See	Obs Type	Area Measurement Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0276		12	0622*	0627*	0709	N20	W71	6399	12	6.8	47	1N	M 1.6				127		ADEFKY
	URUM	12	0622	0638	0646	N20	W69	6399	12	7.0	24	SN			C		32		D
	LEAR	12	0625	0627	0723	N20	W73	6399	12	6.7	58	SF			E		37		K
	LEAR	12	0625	0703	0723	N20	W73	6399	12	6.7	58	1B	M 1.6	3	E		192		
	ABST	12	0626	0628	0642	N21	W71	6399	12	6.8	16	1F			C	0628	87		D
	YUNN	12	0642E	0708	0718D	N21	W78	6399	12	6.3	36D	SN			P		79		
	ABST	12	0646	0704	0716D	N21	W73	6399	12	6.7	30D	2N			C	0707	306		AFK
	WATU	12	0650	0705	0716	N18	W66	6399	12	7.2	26	1N			C	0705	140		
	URUM	12	0659	0707	0725	N20	W68	6399	12	7.1	26	1N			C		193		E
	SVTO	12	0700E	0704U	0725D	N19	W66	6399	12	7.2	25D	SN		2	E		80		Y
0277		12	06264	0635	0640	N18	E76	6412A	12	18.0	14	1N					92		D
	URUM	12	0626	0635	0640	N17	E76	6412A	12	18.0	14	1N			C		96		D
	ABST	12	0630	0635	0640D	N19	E77	6412A	12	18.1	10D	1F			C	0635	87		D
0278		12	07396	07453	0808	N04	E44	6410	12	15.6	29	SN					81	2.0	E
	URUM	12	0739	0748	0800	N04	E42	6410	12	15.4	21	SB			C		64		E
	LEAR	12	0742	0745	0820	N05	E42	6410	12	15.5	38	SF		3	E		75		
	SVTO	12	0743	0745	0810	N05	E45	6410	12	15.7	27	SF		3	E		54		
	ABST	12	0745	0746	0803	N03	E47	6410	12	15.8	18	SN			C	0746	131	2.0	E
0279		12	07534	0758*	0843	N21	W71	6399	12	6.9	50	1N	M 5.1				131	0.9	EFJK
	LEAR	12	0753	0758	0848	N21	W72	6399	12	6.8	55	1F			E		96		K
	LEAR	12	0753	0810	0848	N21	W72	6399	12	6.8	55	1N	M 5.1	3	E		188		
	URUM	12	0756	0806	0835	N22	W67	6399	12	7.2	39	SB			C		64	0.9	E
	ABST	12	0757	0807	0842	N20	W73	6399	12	6.7	45	1N			C	0807	175		FKJ
0280		12	0757	0758*	0830	N19	W60	6395	12	7.7	33	SF					48		K
	LEAR	12	0757	0758	0830	N19	W60	6395	12	7.7	33	SF			E		29		K
	LEAR	12	0757	0813	0830	N19	W60	6395	12	7.7	33	SF		3	E		66		
0281	LEAR	12	0831	0834	0843	N19	W57	6395	12	8.0	12	SF		3	E		19		
0282	LEAR	12	0849	0858	0908	N20	W71	6399	12	6.9	19	SF	C 8.2	3	E		42		
0283	SVTO	12	0905	0908	0916	N20	E78	6412A	12	18.3	11	SN		3	E		65		
0284	LEAR	12	0941	0948	0952	N19	W58	6395	12	8.0	11	SF	C 4.9	3	E		35		
0285	LEAR	12	0948	0952	0953	N05	E41	6410	12	15.5	5	SF		3	E		51		
0286		12	1058	1102	1140	N20	W76	6399	12	6.6	42	SF	M 1.6				21		
	SVTO	12	1058	1102	1201	N19	W74	6399	12	6.8	63	SF	M 1.6	3	E		21		
	HTPR	12	1112E		1120	N21	W77	6399	12	6.6	8D	F			C				
0287		12	1101E	1101U	1117	S24	W90	6387	12	5.5	16D	SN					12		
	SVTO	12	1101E	1101U	1108	S27	W90	6387	12	5.4	7D	SF		3	E		12		
	HTPR	12	1112E		1126	S20	W90	6387	12	5.6	14D	N			C				
0288		12	11253	1128	1150	S10	W90	6402	12	5.7	25	SF					15		
	HTPR	12	1125		1200	S10	W90	6402	12	5.7	35	F			C				
	SVTO	12	1128	1128	1139	S11	W90	6402	12	5.7	11	SF		3	E		15		
0289	SVTO	12	1229	1230U	1239D	S11	W90	6402	12	5.7	10D	SF		2	E		34		
		12	1231		1238	No Flare Patrol													
0290		12	1339	1323*	1356	N21	W78	6399	12	6.6	17	SF					39		
	HTPR	12	1316E	1323	1400	N23	W78	6399	12	6.5	44D	SF			C				
	SVTO	12	1339	1347	1352	N19	W78	6399	12	6.6	13	SF		3	E		39		
0291	HTPR	12	1402		1415	S20	W90	6387	12	5.7	13	N			C				
0292	HOLL	12	1413E	1413U	1425	N10	W72	6398	12	7.2	12D	SF	M 8.9	2	E		54		
0293	HTPR	12	1414	1415	1417D	N20	E75	6412A	12	18.3	3D	SN			C				
0294	RAMY	12	1508		1629D	N22	W75	6399	12	6.9	81D	SF	C 4.7	3	E				

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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	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0295		12	1531*	16387	1658	N22	E69	6412A	12	17.9	87	SF	C 8.2				72		F
	RAMY	12	1531	1645	1659	N22	E69	6412A	12	17.9	88	SF		3	E		125		F
	HOLL	12	1638	1638	1657	N21	E69	6412A	12	18.0	19	SF	C 8.2	2	E		18		
0296		12	17181	1719	1735	S18	W50	6404	12	8.9	17	SF					37		
	HOLL	12	1718	1719	1739	S19	W51	6404	12	8.8	21	SF		3	E		51		
	RAMY	12	1719	1719	1731	S17	W50	6404	12	8.9	12	SF		3	E		23		
0297	HOLL	12	1735	1735	1744	N05	E37	6410	12	15.5	9	SF		4	E		16		
0298	HOLL	12	1759	1800	1811	N05	E37	6410	12	15.5	12	SF		3	E		12		
0299		12	18031	18061	1818	N20	W74	6399	12	7.1	15	SF					27		
	RAMY	12	1803	1806	1821	N21	W74	6399	12	7.1	18	SF		3	E		26		
	HOLL	12	1804	1807	1815	N20	W74	6399	12	7.1	11	SF		4	E		28		
0300	HOLL	12	1803	1807	1815	N19	W64	6395	12	7.9	12	SF		4	E		24		
0301	HOLL	12	1821	1822	1825	N05	E36	6410	12	15.4	4	SF	C 5.2	3	E		21		
		12	1835		1841	No Flare Patrol													
0302	RAMY	12	1857	1857	1900	N05	E30	6410	12	15.0	3	SF	C 8.3	3	E		41		
		12	1919		1936	No Flare Patrol													
0303	HOLL	12	2018	2019	2054	N02	E09	6406A	12	13.5	36	SF	C 5.7	3	E		88		F
		12	2043		2047	No Flare Patrol													
0304	HOLL	12	2200	2201	2258	N03	E36	6410	12	15.6	58	SF		3	E		41		F
0305	HOLL	12	2253	2254	2307	N17	E66	6412A	12	18.0	14	SF		3	E		14		F
0306	LEAR	12	2335	2336	2341	N06	E30	6410	12	15.2	6	SF		3	E		15		F
0307	LEAR	13	0008	0011	0022	N18	E63	6412	12	17.8	14	SF	C 3.6	3	E		11		
0308	LEAR	13	0030	0030	0048	N16	E66	6412A	12	18.0	18	SF		3	E		17		F
0309	LEAR	13	0155	0156	0201	N13	W64	6397	12	8.2	6	SF		3	E		29		
0310	LEAR	13	0218	0220	0223	N05	E30	6410	12	15.3	5	SF		3	E		18		
0311	YUNN	13	0243	0252	0252D	N18	E69	6412A	12	18.4	9D	SN			P		16		
0312	LEAR	13	0356	0359	0405	N18	E63	6412A	12	18.0	9	SF	C 3.1	3	E		48		F
0313	LEAR	13	0610	0612	0618	N08	W65	6397	12	8.4	8	SF	C 3.2	3	E		16		
0314		13	06242	06334	0648	N01	E25	6410	12	15.1	24	SF					20	0.3	D
	YUNN	13	0624	0636	0649	N00	E25	6410	12	15.1	25	SN			C		31	0.4	
	URUM	13	0626	0633	0654	N01	E25	6410	12	15.1	28	SF			C		16	0.2	D
	LEAR	13	0626	0637	0642	N01	E24	6410	12	15.1	16	SF		3	E		14		
0315	YUNN	13	0723	0739	0752	S26	E20	6411	12	14.9	29	SN			C		16	0.2	
0316		13	0756	07562	0808	N07	E27	6410	12	15.3	12	SF					46	0.7	F
	SVTO	13	0756	0756	0921D	N08	E27	6410	12	15.3	85D	SF		3	E		34		F
	LEAR	13	0756	0757	0809	N07	E27	6410	12	15.3	13	SF		3	E		42		F
	YUNN	13	0758E	0758	0808	N07	E27	6410	12	15.3	10D	SN			P		63	0.7	
0317		13	0952	1024	1047D	N15	E52	6412	12	17.3	55D	1F	C 6.8				106		BF
	LEAR	13	0952	1024	1047D	N15	E50	6412	12	17.2	55D	1F	C 6.8	3	E		136		F
	HTPR	13	1041E		1045D	N15	E55	6412	12	17.6	4D	SF			C	1045	75		B
0318	HTPR	13	1041E		1045D	N02	E23	6410	12	15.2	4D	SN			C	1045	95	1.0	
		13	1048		1111	No Flare Patrol													

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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	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0319	RAMY	13	1126	1129	1150	N17	E55	6412	12	17.6	24	SF		2	E		43		F
0320	RAMY	13	1315	1324	1333	N01	E22	6410	12	15.2	18	SF	C 6.1	3	E		11		
0321	RAMY	13	1344	1354	1440	N03	E27	6410	12	15.6	56	1N	M 1.1	3	E		135		F
0322	RAMY	13	1410	1415	1419	N14	W69	6397	12	8.4	9	SF		3	E		14		
0323	RAMY	13	1615	1616	1629	N16	W78	6395	12	7.8	14	SF	M 1.5	3	E		17		
0324	RAMY	13	1658	1700	1702	N15	W81	6395	12	7.6	4	SF		3	E		25		
0325		13	1740	17443	1800	N09	W71	6397	12	8.4	20	SF					33		K
	RAMY	13	1740	1744	1800	N09	W70	6397	12	8.5	20	SF		3	E		33		
	RAMY	13	1740	1747	1800	N09	W70	6397	12	8.5	20	SF			E		42		K
	PALE	13	1745E	1745U	1801D	N09	W72	6397	12	8.3	16D	SF		3	E		23		
0326		13	1749	1750	1821	N17	E57	6412A	12	18.1	32	SF	C 8.2				32		F
	PALE	13	1748E	1801U	1804D	N17	E59	6412A	12	18.2	16D	SF		3	E		35		F
	RAMY	13	1749	1750	1821	N17	E55	6412A	12	17.9	32	SF	C 8.2	3	E		30		F
0327	PALE	13	2009	2009	2020D	N20	E58	6412A	12	18.3	11D	SF	C 5.4	3	E		10		F
		13	2013		2020	No Flare Patrol													
		13	2114		2134	No Flare Patrol													
0328	PALE	13	2151E	2153	2158	N20	E28	6413	12	16.0	7D	SF		2	E		18		
0329		14	01465	0155*	0214	N19	E50	6412	12	17.9	28	SF	C 3.1				84	2.2	DF
	LEAR	14	0146	0206	0227	N18	E50	6412	12	17.9	41	SF	C 3.1	3	E		74		
	PEKG	14	0151	0155	0201	N20	E51	6412	12	18.0	10	1N			P	0155	126	2.2	D
	PALE	14	0210E	0210U	0241D	N19	E49	6412	12	17.8	31D	SF		2	E		52		F
0330	LEAR	14	0316	0316	0340	N16	E47	6412	12	17.7	24	SF		3	E		23		
0331	LEAR	14	0345	0352	0406	N15	E48	6412	12	17.8	21	SF	C 3.0	3	E		41		F
0332	LEAR	14	0404	0408	0423	N03	E19	6410	12	15.6	19	SF	C 2.5	3	E		31		F
0333		14	06302	06351	0644	N20	E34	6413	12	16.9	14	SN	C 2.3				52	1.2	EF
	LEAR	14	0630	0636	0643	N20	E32	6413	12	16.7	13	SF	C 2.3	3	E		20		F
	PEKG	14	0632	0635	0644	N20	E36	6413	12	17.0	12	SN			P	0635	84	1.2	E
0334	LEAR	14	0631	0631	0640	N18	E47	6412	12	17.8	9	SF		3	E		11		
0335	.	14	0827	08415	0906	N02	E09	6410	12	15.0	39	SN	C 4.9				68	1.0	F
	LEAR	14	0827	0846	0906	N01	E08	6410	12	14.9	39	SF	C 4.9	3	E		42		F
	YUNN	14	0830E	0841	0856D	N04	E10	6410	12	15.1	26D	SN			P		94	1.0	
0336		14	0832	08415	0901	N18	E45	6412	12	17.8	29	SN					24	0.2	F
	LEAR	14	0832	0846	0906	N16	E46	6412	12	17.8	34	SF		3	E		31		F
	YUNN	14	0841E	0841	0856	N20	E44	6412	12	17.7	15D	SN			P		16	0.2	
0337		14	08415	08462	0856	N20	E33	6413	12	16.9	15	SN					62	1.1	
	YUNN	14	0841	0848	0856	N21	E34	6413	12	17.0	15	SN			C		79	1.1	
	LEAR	14	0846	0846	0856	N20	E32	6413	12	16.8	10	SF		3	E		45		
		14	0937		1004	No Flare Patrol													
0338	HTPR	14	1023	1025	1045	N20	E47	6412	12	18.0	22	SN			C	1025	100	1.6	
		14	1027		1033	No Flare Patrol													
0339	HTPR	14	1042	1047	1100	N05	E20	6410	12	15.9	18	SN			C	1047	60	0.6	
0340	HTPR	14	1117	1121	1126	N08	W85	6397	12	8.1	9	SN			C				A
0341	HTPR	14	1147	1148	1153	N14	E52	6412	12	18.4	6	SN			C	1148	70	1.1	

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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	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0342		14	12453	12471	1303	N06	E10	6410	12 15.3	18	SN	C 3.0				114	1.8	EF
	HTPR	14	1245	1248	1300	N07	E10	6410	12 15.3	15	SB			C	1248	180	1.8	E
	RAMY	14	1246	1247	1309	N05	E10	6410	12 15.3	23	SF	C 3.0	3	E		49		FE
	KANZ	14	1248	1248	1300	N05	E10	6410	12 15.3	12	SN			C				
0343		14	1333	13339	1354	N14	E43	6412	12 17.8	21	SF	M 3.9				55	0.9	H
	KANZ	14	1333	1333	1345	N14	E46	6412	12 18.0	12	SF			C				
	SVTO	14	1339E	1339U	1339D	N16	E32	6412	12 17.0	12D	SF	M 3.9	2	E		50		H
	HTPR	14	1342E	1342	1402	N12	E50	6412	12 18.3	20D	SN			C	1342	60	0.9	H
0344		14	1405	1406	1415	N15	E51	6412	12 18.4	10	SN	C 7.5				70	1.5	H
	HTPR	14	1405	1406	1415	N14	E50	6412	12 18.4	10	SN			C	1406	95	1.5	H
	SVTO	14	1406E	1406U	1418D	N16	E52	6412	12 18.5	12D	SF	C 7.5	2	E		45		H
		14	1525		1534	No Flare Patrol												
		14	1551		1601	No Flare Patrol												
		14	1607		1616	No Flare Patrol												
0345	RAMY	14	1641E	1641U	1651D	N16	E43	6412	12 17.9	10D	SN	C 6.5	3	E		40		F
0346	HOLL	14	1717	1742	1754	N17	E42	6412	12 17.9	37	SF	C 2.4	3	E		29		F
0347	HOLL	14	1727	1728	1731	N04	E12	6410	12 15.6	4	SF		3	E		16		F
0348	HOLL	14	1755	1756	1810	N17	E42	6412	12 17.9	15	SF		3	E		12		F
0349	HOLL	14	1900	1907	1911	N14	E44	6412	12 18.1	11	SF	C 1.8	3	E		20		
0350	HOLL	14	1949E	1949U	1958D	N13	E44	6412	12 18.1	9D	SF	C 4.7	2	E		32		
		14	2009		2032	No Flare Patrol												
0351	PALE	14	2113	2114	2156	N21	E41	6412	12 18.0	43	SF	C 2.5	3	E		40		
0352		14	22162	2219	2228	N13	E43	6412	12 18.2	12	SF	C 3.9				48		EF
	PALE	14	2216	2219	2229	N15	E44	6412	12 18.2	13	SF		3	E		59		
	LEAR	14	2218	2219	2228	N12	E41	6412	12 18.0	10	SN	C 3.9	3	E		56		FE
	HOLL	14	2220E	2220U	2220D	N13	E43	6412	12 18.2	10D	SF		1	E		28		
0353		14	23101	23111	2332	N18	E36	6412	12 17.7	22	SF					44		F
	LEAR	14	2310	2312	2338	N19	E36	6412	12 17.7	28	SF		3	E		57		F
	PALE	14	2311	2311	2327	N18	E36	6412	12 17.7	16	SF		3	E		32		
0354	LEAR	15	0113	0115	0144	N18	E36	6412	12 17.8	31	SF		3	E		18		
0355	LEAR	15	0137	0141	0202	N05	E06	6410	12 15.5	25	SF		3	E		25		F
0356		15	02109	02191	0230	N18	E34	6412	12 17.7	20	SF					18		F
	LEAR	15	0210	0220	0234	N18	E33	6412	12 17.6	24	SF		3	E		22		F
	PALE	15	0219	0219	0226	N19	E35	6412	12 17.8	7	SF		3	E		15		
0357		15	03492	03513	0400	N12	E36	6412	12 17.9	11	SN					62	1.4	D
	PEKG	15	0349	0351	0357	N13	E37	6412	12 17.9	8	SN			P	0351	105	1.4	D
	LEAR	15	0351	0354	0403	N12	E36	6412	12 17.9	12	SF		3	E		19		
0358	LEAR	15	0412	0415	0424	N12	E36	6412	12 17.9	12	SF	C 2.4	3	E		15		
0359		15	05355	05432	0553	N12	E36	6412	12 17.9	18	1N	M 1.8				127	1.8	DEFH
	PEKG	15	0535	0545	0552	N13	E37	6412	12 18.0	17	1B			P	0545	210	2.8	DH
	LEAR	15	0540	0543	0556	N12	E35	6412	12 17.9	16	1N	M 1.8	3	E		100		FE
	WATU	15	0543E	0543	0551	N12	E36	6412	12 17.9	8D	SN			P	0543	70	0.9	
0360	LEAR	15	0650	0653	0716	N17	W17		12 14.0	26	SF	C 3.0	3	E		17		F
0361		15	0858*	0903*	0956	N18	E32	6412	12 17.8	58	SF					71	1.6	FU
	LEAR	15	0858	0926	0957	N16	E29	6412	12 17.6	59	SF		3	E		45		F
	HTPR	15	0900	0903	0955	N18	E35	6412	12 18.0	55	SF			C	0903	130	1.6	
	SVTO	15	0950	0955	1006D	N21	E31	6412	12 17.8	16D	SF		3	E		39		U

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0362		15	10111	10132	1024	N02	E04	6410	12	15.7	13	SF					42	0.8	F
	HTPR	15	1011	1014	1025	N02	E07	6410	12	15.9	14	SF			C	1014	80	0.8	
	SVTO	15	1012	1012U	1020D	N03	E03	6410	12	15.6	8D	SF		3	E		12		F
	LEAR	15	1012	1013	1024	N02	E03	6410	12	15.6	12	SF		3	E		33		F
	KANZ	15	1012	1015	1022	N02	E05	6410	12	15.8	10	SF			V				
0363		15	10552	10576	1112	N20	E34	6412	12	18.0	17	SF					71	1.6	U
	HTPR	15	1055	1103	1115	N19	E35	6412	12	18.1	20	SF			C	1103	130	1.6	
	SVTO	15	1056	1056U	1101D	N22	E34	6412	12	18.1	5D	SF		3	E		12		U
	KANZ	15	1057	1057	1108	N20	E34	6412	12	18.0	11	SF			V				
0364	KANZ	15	1147	1147	1151	N14	E32	6412	12	17.9	4	SF			V				
0365		15	1151*	1159*	1301	N04	E02	6410	12	15.6	70	SF	C 4.3				69		EF
	KANZ	15	1151	1159	1301	N03	E03	6410	12	15.7	70	SF			V				EF
	RAMY	15	1205	1213	1258D	N04	E01	6410	12	15.6	53D	SF	C 4.3	3	E		69		
0366	RAMY	15	1428	1428	1442	N16	E30	6412	12	17.9	14	SF		3	E		20		F
0367	RAMY	15	1532	1532	1536	N16	E29	6412	12	17.8	4	SF		3	E		15		F
0368	RAMY	15	1613	1613	1618	N19	E30	6412	12	18.0	5	SF		3	E		10		
0369	RAMY	15	1623	1634	1651	N25	E13	6413	12	16.7	28	SF	C 1.6	3	E		21		F
0370	RAMY	15	1736	1737	1746	N20	E13	6413	12	16.7	10	SF		3	E		19		
0371		15	18192	18201	1832	N18	E20	6412	12	17.3	13	SF					14		F
	RAMY	15	1819	1820	1835	N17	E24	6412	12	17.6	16	SF		3	E		15		F
	PALE	15	1821	1821	1828	N19	E16	6412	12	17.0	7	SF		3	E		12		F
0372		15	1915	1916	1929	N14	E28	6412	12	17.9	14	SF	C 1.8				20		
	PALE	15	1915	1916	1927	N15	E29	6412	12	18.0	12	SF		3	E		17		
	RAMY	15	1915	1916	1931	N13	E27	6412	12	17.8	16	SF	C 1.8	3	E		22		
		15	2101		2139	No Flare Patrol													
0373	LEAR	15	2317	2318	2325	N13	E26	6412	12	17.9	8	SF		3	E		20		
0374	PALE	15	2359	2359	2406	N18	E25	6412	12	17.9	7	SF	C 1.7	3	E		14		
0375	PALE	16	0025	0027	0038	N03	W03	6410	12	15.8	13	SF		3	E		16		
0376		16	0027*	0032*	0130	N14	E25	6412	12	17.9	63	SF					28		FK
	LEAR	16	0027	0032	0120	N13	E26	6412	12	18.0	53	SF			E		26		K
	LEAR	16	0027	0045	0120	N13	E26	6412	12	18.0	53	SF		3	E		31		F
	PALE	16	0028	0055	0139	N15	E26	6412	12	18.0	71	SF		3	E		26		
	LEAR	16	0126	0130	0142	N17	E21	6412	12	17.6	16	SF		3	E		30		
0377		16	0202*	0213*	0245	N18	E22	6412	12	17.8	43	SF	C 3.4				67	1.0	EF
	PALE	16	0202	0214	0251	N19	E23	6412	12	17.8	49	SF	C 3.4	3	E		65		F
	LEAR	16	0207	0213	0245	N17	E22	6412	12	17.8	38	SF		3	E		51		F
	PEKG	16	0223	0226	0240	N18	E21	6412	12	17.7	17	SN			P	0226	84	1.0	E
0378	YUNN	16	0325E	0325	0345	N14	E25	6412	12	18.0	20D	SN			P		24	0.3	
0379	YUNN	16	0325E	0325	0339	N05	W05	6410	12	15.8	14D	SN			P		16	0.2	
0380		16	0415	0417*	0428	N20	E22	6412	12	17.8	13	1N					128	1.5	E
	PEKG	16	0415	0417	0428	N18	E20	6412	12	17.7	13	1N			P	0417	210	2.4	E
	YUNN	16	0429E	0429	0435D	N22	E24	6412	12	18.0	6D	SF			P		47	0.6	
0381	YUNN	16	0429E	0429	0435D	N04	W07	6410	12	15.7	6D	SN			P		79	0.8	
0382		16	0445	04452	0454	N13	E25	6412	12	18.1	9	SN	C 8.1				146	2.0	EF
	PEKG	16	0444E	0445	0449	N12	E25	6412	12	18.1	5D	1B			P	0445	294	3.4	E
	LEAR	16	0445	0445	0450	N12	E24	6412	12	18.0	5	SF	C 8.1	3	E		98		F
	YUNN	16	0447E	0447	0503	N14	E25	6412	12	18.1	16D	SN			P		47	0.6	

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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 Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0383		16	05299	0531*	0547	N13	E22	6412	12 17.9	18	SF	C 2.4				32	0.5	F
	LEAR	16	0529	0531	0537	N13	E23	6412	12 18.0	8	SF	C 2.4	3	E		26		F
	YUNN	16	0534E	0537	0600	N14	E22	6412	12 17.9	26D	SN			P		47	0.5	
	LEAR	16	0538	0541	0545	N13	E22	6412	12 17.9	7	SF		3	E		24		F
0384		16	06026	06076	0623	N13	E23	6412	12 18.0	21	SN	C 2.8				112	1.5	FU
	YUNN	16	0602	0613	0636	N13	E23	6412	12 18.0	34	SN			C		47	0.5	
	TACH	16	0603	0607	0612D	N14	E21	6412	12 17.8	9D	1B		2	C	0607	332	3.6	U
	WATU	16	0605	0610	0621	N13	E24	6412	12 18.1	16	SF			C	0610	40	0.5	
	LEAR	16	0608	0609	0611	N12	E24	6412	12 18.1	3	SF	C 2.8	3	E		28		UF
0385	TACH	16	0638	0640	0701	N17	E24	6412	12 18.1	23	SB		2	C	0640	87	1.0	U
0386		16	07262	07292	0736	N13	E23	6412	12 18.0	10	SN	C 2.0				135	2.0	FU
	TACH	16	0726	0731	0737D	N14	E21	6412	12 17.9	11D	1B		2	C	0731	321	3.5	U
	WATU	16	0727	0731	0736	N13	E24	6412	12 18.1	9	SF			C	0731	50	0.6	
	LEAR	16	0728	0729	0735	N12	E23	6412	12 18.0	7	SF	C 2.0	3	E		34		F
0387	LEAR	16	1027	1027	1033	N15	E17	6412	12 17.7	6	SF	C 1.7	3	E		19		
		16	1053		1153	No Flare Patrol												
0388		16	1206*	1227	1225	N06	W14	6410	12 15.4	19	SF					29		F
	SVTO	16	1206	1208U	1211D	N07	W15	6410	12 15.4	5D	SF		2	E		36		F
	RAMY	16	1215E	1218U	1221	N08	W16	6410	12 15.3	6D	SF		3	E		35		
	RAMY	16	1225	1227	1229	N03	W11	6410	12 15.7	4	SF		3	E		15		
		16	1212		1214	No Flare Patrol												
0389	RAMY	16	1227	1228	1236	N16	E14	6412	12 17.6	9	SF	C 2.8	3	E		15		
0390		16	1309*	1312*	1325	N17	E16	6412	12 17.8	16	SF					18		F
	RAMY	16	1309	1312	1318	N16	E13	6412	12 17.5	9	SF		3	E		20		
	RAMY	16	1322	1322	1332	N18	E19	6412	12 18.0	10	SF		3	E		15		F
0391	RAMY	16	1338	1341	1348	N07	W17	6410	12 15.3	10	SF		3	E		14		
0392		16	14157	1420*	1430	N03	W12	6410	12 15.7	15	SF					14		
	RAMY	16	1415	1420	1422	N03	W12	6410	12 15.7	7	SF		3	E		15		
	RAMY	16	1422	1434	1437	N03	W13	6410	12 15.6	15	SF		3	E		13		
0393	RAMY	16	1509	1511	1530	N00	W22	6410	12 15.0	21	SF		3	E		24		F
0394	PALE	16	1826	1833	1845	N03	W13	6410	12 15.8	19	SF		3	E		26		
0395	PALE	16	1839	1839	1845	N12	E00	6415	12 16.8	6	SF		3	E		13		
0396	PALE	16	2053	2102	2114	N15	E14	6412	12 17.9	21	SF		3	E		20		
0397	PALE	16	2124	2128	2147	N15	E14	6412	12 17.9	23	SF	C 2.2	3	E		26		
0398		17	0256	0259	0302	N18	W01	6412	12 17.0	6	SN					32	0.4	D
	LEAR	17	0256	0259	0302	N17	W01	6412	12 17.0	6	SF		3	E		21		
	PEKG	17	0259E	0259	0303	N18	W01	6412	12 17.0	4D	SN			P	0259	42	0.4	D
0399		17	0315*	0317*	0401	N14	E07	6412	12 17.7	46	SF	C 3.5				72	0.5	FK
	LEAR	17	0315	0317	0404	N14	E08	6412	12 17.7	49	1F	C 3.5	3	E		112		F
	PALE	17	0315	0320U	0334D	N16	E05	6412	12 17.5	19D	SF		3	E		45		
	LEAR	17	0315	0337	0404	N14	E08	6412	12 17.7	49	SF	C 6.0		E		81		K
	WATU	17	0337	0339	0356	N14	E08	6412	12 17.7	19	SN			C	0339	50	0.5	
0400		17	0433*	0457*	0536	N14	E10	6412	12 17.9	63	SN	C 2.5				102	1.8	DF
	LEAR	17	0433	0509	0557	N13	E09	6412	12 17.9	84	SF	C 2.5	3	E		36		F
	PEKG	17	0455	0457	0516	N14	E10	6412	12 18.0	21	SN			P	0455	168	1.8	D
0401		17	0630*	06396	0656	N15	E08	6412	12 17.9	26	1B	M 1.1				207	2.6	EFTZ
	LEAR	17	0630	0639	0655	N16	E04	6412	12 17.6	25	1N	M 1.1	3	E		108		FE
	TACH	17	0636	0640	0656	N14	E09	6412	12 17.9	20	1B		2	C	0640	316	3.4	TZ
	WATU	17	0637	0640	0654	N15	E08	6412	12 17.9	17	SB			C	0640	110	1.2	
	PEKG	17	0641	0645	0658	N14	E09	6412	12 17.9	17	1B			C	0645	294	3.2	E

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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	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
		17	0822		0838	No Flare Patrol												
		17	1041		1056	No Flare Patrol												
0402		17	14121	14131	1422	N14	E05	6412	12 18.0	10	SF					14		F
	SVTO	17	1412	1414	1422	N14	E04	6412	12 17.9	10	SF		2	E		17		
	RAMY	17	1413	1413	1421	N14	E06	6412	12 18.0	8	SF		3	E		12		F
0403		17	1459	1459	1507	N22	W04	6413	12 17.3	8	SF	C 1.2				24		
	RAMY	17	1459	1459	1507	N22	W03	6413	12 17.4	8	SF	C 1.2	3	E		18		
	HOLL	17	1500E	1500U	1515D	N21	W04	6413	12 17.3	15D	SF		1	E		30		
0404		17	15164	1517*	1552	N14	E05	6412	12 18.0	36	1N	M 2.4				115		FK
	RAMY	17	1516	1517	1552	N14	E05	6412	12 18.0	36	SF			E		17		K
	RAMY	17	1516	1528	1552	N14	E05	6412	12 18.0	36	1B	M 2.4	3	E		121		
	HOLL	17	1520	1529	1552	N14	E04	6412	12 17.9	32	1B	M 2.4	3	E		206		F
0405	RAMY	17	1558	1611	1624	N14	E03	6412	12 17.9	26	SF		3	E		21		F
0406	RAMY	17	1625	1625	1630	N11	W12	6415	12 16.8	5	SF	C 1.7	3	E		22		F
0407	RAMY	17	1747	1813	1823	N19	W08	6412	12 17.1	36	SF		3	E		26		F
0408	HOLL	17	1849E	1853U	1856D	N04	W14	6413A	12 16.7	7D	SF		2	E		25		
0409	RAMY	17	1851	1911	1920	N12	W13	6415	12 16.8	29	SF	C 2.0	3	E		14		F
0410	HOLL	17	1906	1923	2009	N17	W06	6412	12 17.3	63	SF		3	E		75		
0411		17	1921*	1932*	2043	N03	W25	6410	12 15.9	82	SN					29		FK
	RAMY	17	1921	1932	2054	N03	W25	6410	12 15.9	93	SB			E		36		K
	RAMY	17	1921	1956	2054	N03	W25	6410	12 15.9	93	SF		3	E		37		F
	HOLL	17	2013	2015	2020	N02	W25	6410	12 16.0	7	SF		3	E		14		
0412	RAMY	17	2023	2028	2044	N17	W01	6412	12 17.8	21	SF		3	E		39		
0413		17	20247	2024*	2100	N12	W13	6415	12 16.9	36	SF	C 3.1				30		F
	RAMY	17	2024	2024	2058	N12	W13	6415	12 16.9	34	SF		3	E		14		F
	HOLL	17	2031	2035	2102	N11	W13	6415	12 16.9	31	SF	C 3.1	3	E		47		
0414		17	20592	21017	2116	N03	W28	6410	12 15.8	17	SF					28		F
	RAMY	17	2059	2101	2114	N04	W28	6410	12 15.8	15	SF		3	E		14		F
	HOLL	17	2101	2108	2118	N02	W28	6410	12 15.8	17	SF		3	E		43		F
0415	HOLL	17	2145	2146	2154	N11	W14	6415	12 16.8	9	SF		3	E		28		F
0416		17	22059	2205*	2248	N10	W16	6415	12 16.7	43	SF					31		F
	HOLL	17	2205	2205	2214	N10	W16	6415	12 16.7	9	SF		3	E		20		F
	LEAR	17	2214	2304	2321	N11	W16	6415	12 16.7	67	SF		3	E		42		F
0417		17	22301	2233	2246	N04	W40	6410	12 14.9	16	SF	C 1.8				42		H
	HOLL	17	2230	2238U	2244	N04	W39	6410	12 15.0	14	SF		3	E		28		H
	LEAR	17	2231	2233	2249	N04	W40	6410	12 14.9	18	SF	C 1.8	3	E		55		
0418	LEAR	17	2254	2300	2326	N03	W27	6410	12 15.9	32	SF	C 2.0	3	E		56		
0419		18	00512	0054	0100	N04	W42	6410	12 14.9	9	SF					74	1.6	DHIJT
	VORO	18	0051	0054	0102	N05	W42	6410	12 14.9	11	SF		2	C	0054	116	1.6	DHIJT
	LEAR	18	0053	0054	0058	N04	W41	6410	12 15.0	5	SF		3	E		32		
0420	VORO	18	0123	0128	0133	N05	W42	6410	12 14.9	10	SF		2	C	0128	81	1.1	DHIJT
0421	VORO	18	0138	0141	0156	N05	W42	6410	12 14.9	18	SF		2	C	0141	63	0.8	DHIJT
0422		18	0149*	0152*	0228	N11	W18	6415	12 16.7	39	SF	M 1.8				102	1.5	DEFIJT
	VORO	18	0149	0152	0209	N12	W18	6415	12 16.7	20	SF		2	C	0152	134	1.5	EIJT
	LEAR	18	0149	0152	0214	N10	W18	6415	12 16.7	25	SF	M 1.8	3	E		66		FE
	PEKG	18	0152	0155	0232	N10	W20	6415	12 16.6	40	SN			P	0155	168	1.9	D
	LEAR	18	0227	0229	0239	N11	W17	6415	12 16.8	12	SF		3	E		15		
	VORO	18	0227	0232	0238	N11	W16	6415	12 16.9	11	SF		2	C	0232	63	0.7	DIJT
	PEKG	18	0230	0232	0236	N11	W17	6415	12 16.8	6	SN			P	0232	168	1.8	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	See	Obs Type	Area Measurement Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0423	VORO	18	0152	0153	0202	N12	W02	6412	12 17.9	10	SF		2	C	0153	99	1.0	DIJT
0424		18	0225*	0229*	0244	N07	W40	6410	12 15.1	19	SF					60	0.9	DIJT
	VORO	18	0225	0231	0238	N09	W39	6410	12 15.2	13	SF		2	C	0231	54	0.7	DIJT
	LEAR	18	0227	0229	0243	N07	W37	6410	12 15.3	16	SF		3	E		33		
	PEKG	18	0232	0235	0239	N09	W38	6410	12 15.2	7	SN			P	0232	63	0.8	D
	PEKG	18	0235	0245	0247	N04	W43	6410	12 14.9	12	SN			P	0245	42	0.6	D
	VORO	18	0242	0245	0252	N05	W42	6410	12 15.0	10	SF		2	C	0245	108	1.4	DIJT
0425		18	02531	02562	0312	N13	W03	6412	12 17.9	19	1N	C 9.9				285	3.6	EFIJT
	LEAR	18	0253	0258	0319	N12	W03	6412	12 17.9	26	1F	C 9.9	3	E		156		F
	VORO	18	0254		0300D	N14	W03	6412	12 17.9	6D	1F		2	C	0257	278	2.9	EIJT
	PEKG	18	0254	0256	0304	N13	W03	6412	12 17.9	10	1B			P	0256	420	4.4	E
	MITK	18	0254	0256	0313	N12	W02	6412	12 18.0	19	SN			C	0256			E
0426		18	04322	04351	0443	N14	W04	6412	12 17.9	11	SN					78	0.9	E
	WATU	18	0432	0435	0447	N16	W05	6412	12 17.8	15	SF			C	0435	30	0.5	
	PEKG	18	0434	0436	0439	N13	W04	6412	12 17.9	5	SN			P	0436	126	1.3	E
0427		18	05133	05174	0532	N12	W18	6415	12 16.9	19	1N	C 9.3				134	2.1	EK
	LEAR	18	0513	0521	0536	N12	W18	6415	12 16.9	23	SF	C 9.3	3	E		78		
	PEKG	18	0516	0517	0529	N12	W19	6415	12 16.8	13	1B			P	0517	189	2.1	EK
0428	PEKG	18	0516	0517	0519	N04	W44	6410	12 14.9	3	SN			P	0517	42	0.6	D
0429		18	0800	0809*	0852	N12	W20	6415	12 16.8	52	SN					34		K
	LEAR	18	0800	0809	0852	N12	W20	6415	12 16.8	52	SN			E		22		K
	LEAR	18	0800	0829	0852	N12	W20	6415	12 16.8	52	SF		3	E		46		
0430	LEAR	18	0932	0934	0943	N12	W21	6415	12 16.8	11	SF	C 2.8	3	E		40		
0431		18	1023	10346	1136	N11	W22	6415	12 16.8	73	1N	M 1.5				156	2.3	EFH
	KHAR	18	1023	1040	1100U	N11	W21	6415	12 16.8	37U	1N			P	1039	200	2.3	EH
	SVTO	18	1029E	1034	1136	N11	W22	6415	12 16.8	67D	1N	M 1.5	3	E		112		F
0432	RAMY	18	1216	1220	1223	N10	W23	6415	12 16.8	7	SF		3	E		10		
		18	1302		1319	No Flare Patrol												
0433		18	13166	1327	1351	N14	W24	6415	12 16.7	35	SF	C 6.4				21		F
	RAMY	18	1316	1327	1353	N15	W23	6415	12 16.8	37	SF	C 6.4	3	E		25		
	RAMY	18	1322	1327	1353	N15	W23	6415	12 16.8	31	SF	C 6.4	3	E		25		
	SVTO	18	1329E	1338U	1346	N12	W25	6415	12 16.7	17D	SF		3	E		14		F
0434		18	14094	1409*	1506	N12	W24	6415	12 16.8	57	SF					42		FK
	SVTO	18	1409	1409	1445	N12	W24	6415	12 16.8	36	SF		3	E		37		F
	RAMY	18	1413	1424	1516	N12	W23	6415	12 16.8	63	SF			E		55		K
	RAMY	18	1413	1435	1516	N12	W23	6415	12 16.8	63	SF		2	E		45		
	HOLL	18	1416E	1422U	1447D	N12	W26	6415	12 16.6	31D	SF		1	E		30		
		18	1527		1543	No Flare Patrol												
0435		18	16329	1640*	1728	N13	W24	6415	12 16.9	56	SF	C 3.6				44		FK
	RAMY	18	1632	1640	1739	N13	W24	6415	12 16.9	67	SF			E		49		K
	RAMY	18	1632	1655	1739	N13	W24	6415	12 16.9	67	SF	C 3.6	3	E		58		F
	HOLL	18	1641	1647	1705	N12	W24	6415	12 16.9	24	SF		3	E		26		F
0436	RAMY	18	1828	1833	1849	N18	W12	6412	12 17.8	21	SF		3	E		10		
0437	HOLL	18	1838	1839	1844	S06	E00	6416	12 18.8	6	SF		3	E		16		F
0438	RAMY	18	1910	1923	1931	N11	W27	6415	12 16.8	21	SF		3	E		11		F
0439	RAMY	18	1942	1958	2014	N19	W17	6412	12 17.5	32	SF		3	E		13		F
0440		18	20242	2027	2050	N21	W26	6413	12 16.8	26	SF					44		FH
	RAMY	18	2024	2027	2049	N22	W27	6413	12 16.8	25	SF		3	E		28		FH
	HOLL	18	2025	2027	2059	N20	W25	6413	12 16.9	34	SF		3	E		71		F
	PALE	18	2026	2027	2043	N22	W25	6413	12 16.9	17	SF		3	E		34		FH

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Imp See	Obs Type	Area Measurement Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0441		18	20364	20435	2120	N14	W26	6415	12	16.9	44	SN	M 1.0				60		EFH
	PALE	18	2035E	2040U	2122D	N14	W26	6415	12	16.9	47D	SN		2	E		40		FH
	HOLL	18	2036	2043	2120	N13	W26	6415	12	16.9	44	SN	M 1.0	3	E		82		FE
	RAMY	18	2040	2048	2115D	N14	W27	6415	12	16.8	35D	SF		3	E		58		F
0442	RAMY	18	2058	2059	2107	N03	W40	6410	12	15.9	9	SF		3	E		10		F
0443		18	2324	2327*	2350	N13	W27	6415	12	16.9	26	SF					25	0.4	DFIJT
	HOLL	18	2324	2327	2336	N12	W28	6415	12	16.9	12	SF		3	E		22		F
	LEAR	18	2324	2340	2353	N14	W27	6415	12	16.9	29	SF		3	E		16		F
	VORO	18	2351E	2353	2401	N14	W27	6415	12	16.9	10D	SF		2	C	2353	36	0.4	DIJT
0444		19	0004	00071	0014	N15	W14	6412	12	17.9	10	SF					72	1.2	EFIJT
	VORO	19	0004	0007	0014	N15	W14	6412	12	17.9	10	SF		2	C	0007	108	1.2	EIJT
	LEAR	19	0004	0008	0013	N15	W14	6412	12	17.9	9	SF		3	E		35		F
0445	VORO	19	0025	0026	0043	S06	W02	6416	12	18.9	18	SF		2	C	0026	134	1.4	EJK
0446		19	01039	0107*	0122	N12	W30	6415	12	16.8	19	SF	M 1.1				26		F
	LEAR	19	0103	0107	0111	N12	W30	6415	12	16.8	8	SF		3	E		20		F
	LEAR	19	0112	0119	0133	N12	W31	6415	12	16.7	21	SF	M 1.1	3	E		32		F
0447	VORO	19	0119	0120	0125	N04	W51	6410	12	15.2	6	SF		2	C	0120	27	0.4	DIJT
0448		19	0403	0416*	0527	N14	W31	6415	12	16.8	84	SF	M 1.7				83		FK
	LEAR	19	0403	0416	0527	N14	W31	6415	12	16.8	84	SF			E		82		K
	LEAR	19	0403	0433	0527	N14	W31	6415	12	16.8	84	SF	M 1.7	3	E		84		F
0449	LEAR	19	0610	0612	0701	N20	W16	6412	12	18.0	51	SF		3	E		76		F
0450		19	07262	0730	0741	N16	W18	6412	12	17.9	15	1N					27		EF
	ISTA	19	0726		0743	N17	W17	6412	12	18.0	17	1B			P				E
	LEAR	19	0728	0730	0739	N15	W20	6412	12	17.8	11	SF		3	E		27		F
0451	ISTA	19	0734		0743	N06	W52	6410	12	15.4	9	1B			P				D
0452	ISTA	19	0755		0810	N17	W10	6417	12	18.6	15	1B			P				D
0453		19	08258	08373	0859	N12	W33	6415	12	16.9	34	SN					26		DF
	LEAR	19	0825	0840	0900	N12	W35	6415	12	16.7	35	SF		3	E		26		F
	ISTA	19	0826		0856	N14	W32	6415	12	16.9	30	1B			P				D
	KANZ	19	0833	0837	0901	N11	W33	6415	12	16.9	28	SF			V				
0454		19	10008	10064	1021	N11	W35	6415	12	16.8	21	SF					22		DF
	LEAR	19	1000	1010	1025	N12	W36	6415	12	16.7	25	SF		3	E		22		F
	KHAR	19	1006	1006	1017	N12	W34	6415	12	16.8	11	SF							D
	KANZ	19	1008	1008	1022	N10	W35	6415	12	16.8	14	SF			V				
0455	KHAR	19	1015	1018	1025	N19	W16	6412	12	18.2	10	SF							D
0456		19	11193	11252	1152	N12	W37	6415	12	16.7	33	1N	C 6.2				167		FH
	KANZ	19	1119	1125	1148	N11	W38	6415	12	16.6	29	1F			V				
	RAMY	19	1122	1127	1156	N12	W36	6415	12	16.8	34	1N	C 6.2	2	E		167		FH
0457		19	11391	1140	1148	N20	W28	6413	12	17.3	9	SF					24		
	RAMY	19	1139	1140	1147	N21	W28	6413	12	17.3	8	SF		2	E		24		
	KANZ	19	1140	1140	1148	N20	W29	6413	12	17.3	8	SF			V				
0458		19	1212*	1233*	1255	N16	W28	6412	12	17.4	43	SF					97		K
	RAMY	19	1212	1236	1309	N17	W28	6412	12	17.4	57	SF		3	E		86		
	RAMY	19	1212	1302	1309	N17	W28	6412	12	17.4	57	SF			E		55		K
	SVTO	19	1216	1234	1243	N16	W29	6412	12	17.3	27	1F		3	E		150		
	KANZ	19	1233	1233	1240	N16	W29	6412	12	17.3	7	SN			V				
0459	RAMY	19	1328	1329	1358	N18	W21	6412	12	18.0	30	SF		3	E		18		

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0460		19	14474	1501*	1612	N16	W25	6412	12	17.7	85	2B	M 3.0				252		FHK
	RAMY	19	1447	1501	1616	N16	W27	6412	12	17.6	89	1B			E		190		K
	RAMY	19	1447	1506	1616	N16	W27	6412	12	17.6	89	1B		3	E		244		F
	HOLL	19	1451	1505	1609	N15	W23	6412	12	17.9	78	2B	M 3.0	3	E		294		FH
	HOLL	19	1451	1518	1609	N15	W23	6412	12	17.9	78	2B			E		279		K
0461	HOLL	19	1504	1509	1519	N10	W36	6415	12	16.9	15	SF		3	E		30		F
0462	HOLL	19	1538	1540	1542	N21	W30	6413	12	17.3	4	SF		3	E		12		
0463		19	15441	1549	1600	N02	W52	6410	12	15.8	16	SF					40		F
	RAMY	19	1544	1549	1602	N03	W52	6410	12	15.8	18	SF		3	E		54		
	HOLL	19	1545	1549	1557	N01	W53	6410	12	15.7	12	SF		3	E		26		F
0464	RAMY	19	1708	1712	1718	N10	W58	6410	12	15.3	10	SF	C 6.5	3	E		31		
0465		19	1748*	1801*	1914	N12	W40	6415	12	16.7	86	SN	C 9.1				40		EFK
	RAMY	19	1748	1804	1922	N14	W39	6415	12	16.8	94	SN			E		47		K
	RAMY	19	1748	1818	1922	N14	W39	6415	12	16.8	94	SN	C 9.1	3	E		41		F
	HOLL	19	1759	1801	1905	N11	W40	6415	12	16.7	66	SN			E		31		K
	HOLL	19	1759	1826	1905	N11	W40	6415	12	16.7	66	SF		3	E		48		FE
	PALE	19	1840E	1853U	1853D	N12	W41	6415	12	16.7	13D	SF		3	E		31		F
0466		19	18471	18483	1902	N03	W56	6410	12	15.6	15	SF					54		FH
	HOLL	19	1847	1850	1900	N02	W55	6410	12	15.7	13	SF		3	E		85		F
	RAMY	19	1848	1848	1903	N04	W56	6410	12	15.6	15	SF		3	E		40		FH
	PALE	19	1848	1851	1853D	N02	W56	6410	12	15.6	5D	SF		3	E		36		FH
0467	HOLL	19	1944	1946	1953	N02	W53	6410	12	15.9	9	SF		3	E		15		
0468	RAMY	19	2045	2049	2104	N20	W20	6412	12	18.3	19	SF	C 3.9	3	E		24		
		19	2131		2133	No Flare Patrol													
0469	HOLL	19	2154E	2155U	2209	N11	W42	6415	12	16.7	15D	SF		3	E		18		
0470	HOLL	19	2154E	2156U	2209	S03	W16	6416	12	18.7	15D	SF		3	E		15		F
0471	HOLL	19	2154E	2157U	2214	N18	W37	6412	12	17.1	20D	SF	C 5.8	3	E		25		
0472		19	2239	22391	2248	N13	W42	6415	12	16.8	9	SF					23		
	LEAR	19	2239	2239	2245	N13	W41	6415	12	16.8	6	SF		3	E		20		
	HOLL	19	2239	2240	2250	N13	W42	6415	12	16.8	11	SF		3	E		26		
0473	HOLL	19	2256	2257	2316	N19	W22	6412	12	18.3	20	SF		3	E		40		
		20	0030		0100	No Flare Patrol													
		20	0105		0116	No Flare Patrol													
0474	LEAR	20	0147	0149	0159	N03	W54	6410	12	16.0	12	SF		3	E		19		F
0475	LEAR	20	0152	0155	0213	N11	W46	6415	12	16.6	21	SF		3	E		25		F
0476	LEAR	20	0435	0436	0443	N11	W45	6415	12	16.8	8	SF		3	E		24		
0477		20	07052	07156	0808	N14	W47	6415	12	16.7	63	1B	M 3.7				125	1.9	EF
	PURP	20	0705E	0719	0745	N14	W47	6415	12	16.7	40D	1B			C	0719	131	2.1	
	LEAR	20	0705	0721	0824	N14	W47	6415	12	16.7	79	1N	M 3.7	3	E		170		FE
	SVTO	20	0707	0715	0821	N13	W47	6415	12	16.7	74	SN		2	E		86		F
	URUM	20	0709E	0720	0807	N14	W46	6415	12	16.8	58D	SB			C		80	1.2	E
	YUNN	20	0713E	0721	0801	N15	W46	6415	12	16.8	48D	1B			P		157	2.4	
0478	LEAR	20	0814	0814	0830	N17	W32	6412	12	17.9	16	SF		3	E		18		F
0479	HTPR	20	0905	0915	0945	S28	E90	6420	12	27.4	40	1N			C				
0480	HTPR	20	1010	1013	1020	N18	W33	6412	12	17.9	10	SN			C	1013	40	0.5	E
0481	HTPR	20	1151	1157	1210	S18	E90	6423	12	27.3	19	SN			C				

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0482		20	12064	12108	1238	N17	W35	6412	12	17.8	32	SF	C 3.1				65	1.5	EF
	RAMY	20	1206	1210	1319D	N17	W33	6412	12	18.0	73D	SF	C 3.1	3	E		39		F
	SVTO	20	1208	1218	1246	N15	W35	6412	12	17.8	38	SF		3	E		25		F
	HTPR	20	1210	1217	1230	N18	W37	6412	12	17.7	20	SF			C	1217	130	1.5	E
0483	HTPR	20	1409		1415	S24	E90	6420	12	27.5	6	SN			C				
0484	HTPR	20	1416	1419	1440	S17	E88	6423	12	27.3	24	1N			C				
0485	HOLL	20	1424	1425	1439	N16	W36	6412	12	17.9	15	SF	C 5.1	1	E		37		F
0486	HOLL	20	1608	1611	1620	N13	W34	6412	12	18.1	12	SF		3	E		12		
0487		20	17202	17234	1750	N25	W50	6413	12	16.8	30	SN					37		FH
	HOLL	20	1720	1723	1752	N25	W49	6413	12	16.9	32	SF		3	E		32		F
	RAMY	20	1722	1727	1748	N25	W51	6413	12	16.8	26	SN		3	E		42		FH
0488	HOLL	20	1818	1821	1827	N11	W53	6415	12	16.8	9	SF		3	E		31		F
0489	HOLL	20	1930	1934	1942	S24	E87	6420	12	27.5	12	SF		3	E		22		
0490	HOLL	20	1956	2004	2020	S06	W28	6416	12	18.7	24	SF		3	E		28		
0491	HOLL	20	1958	1958	2006	N14	W32	6417	12	18.4	8	SF		3	E		20		
0492	HOLL	20	2033	2036	2043	S18	E81	6423	12	27.0	10	SF		3	E		30		
0493	HOLL	20	2034	2040	2055	N12	W39	6412	12	17.9	21	1N	M 1.2	3	E		154		
0494	HOLL	20	2151	2156	2202	N17	W39	6412	12	17.9	11	SF		2	E		31		
0495		20	22257	22392	2256	N12	W56	6415	12	16.7	31	SF					41		F
	LEAR	20	2225	2239	2259	N12	W55	6415	12	16.8	34	SF		3	E		28		
	HOLL	20	2232	2241	2254	N12	W56	6415	12	16.7	22	SF		2	E		54		F
0496	HOLL	20	2250	2250	2254	S19	E77	6423	12	26.8	4	SF		2	E		12		
		21	0051		0103	No Flare Patrol													
0497	YUNN	21	0157E	0158	0158D	N17	W52	6412	12	17.1	1D	SN			P		47	0.8	
0498	URUM	21	0537	0541	0552	N19	W40	6412	12	18.2	15	SF			C		16	0.2	D
0499	LEAR	21	0838	0848	0902	N16	W46	6412	12	17.9	24	SF		3	E		15		F
0500		21	0925	09262	0934	N17	W46	6412	12	17.9	9	SF					56	1.6	F
	SVTO	21	0925	0926	0933	N17	W45	6412	12	18.0	8	SF		3	E		29		
	LEAR	21	0925	0927	0940	N17	W47	6412	12	17.8	15	SF		3	E		38		F
	KANZ	21	0925	0928	0932	N17	W45	6412	12	18.0	7	SF			V				
	HTPR	21	0927E	0928	0932	N17	W46	6412	12	17.9	5D	SF			C	0928	100	1.6	
0501	LEAR	21	0941	0941	0948	N16	W47	6412	12	17.8	7	SF		3	E		21		F
0502		21	09423	09446	1005	S24	E81	6420	12	27.7	23	SF	C 3.5				47		
	LEAR	21	0942	0947	0952	S24	E80	6420	12	27.6	10	SF	C 3.5	3	E		56		
	SVTO	21	0943	0944	1037	S22	E79	6420	12	27.5	54	SF		3	E		38		
	KANZ	21	0943	0947	0951	S22	E79	6420	12	27.5	8	SF			V				
	HTPR	21	0945	0950	1000	S28	E85	6420	12	28.0	15	SN			C				
0503	KANZ	21	1110E	1114	1129	N14	W49	6412	12	17.8	19D	SF			V				
		21	1437		1447	No Flare Patrol													
0504		21	1455	14562	1511	S22	E72	6423	12	27.1	16	SN	C 4.4				65		
	HOLL	21	1455	1456	1511	S22	E73	6423	12	27.2	16	SF	C 4.4	2	E		65		
	HTPR	21	1455	1458	1504D	S23	E70	6423	12	27.0	9D	SB			C				
		21	1547		1607	No Flare Patrol													

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0505	RAMY	21	1608E	1622U	1700	S19	E69	6423	12 26.9	52D	SF	M 1.0	2	E		35		F
0506	HOLL	21	1849	1851	1912	N18	W50	6412	12 18.0	23	SF	C 3.1	3	E		72		
0507	RAMY	21	1920	1921	1933	N14	W69	6415	12 16.6	13	SF		3	E		14		
		21	2109		2148	No Flare Patrol												
0508	LEAR	21	2228	2232	2248	N19	W50	6412	12 18.1	20	1F	C 9.1	3	E		146		F
0509	LEAR	22	0221	0221	0240	N17	W57	6412	12 17.8	19	SF	C 5.7	3	E		13		F
0510	LEAR	22	0333	0333	0344	S23	E65	6423	12 27.1	11	SF	C 9.8	3	E		11		
0511	LEAR	22	0633	0633	0640	S26	E76	6420	12 28.2	7	SF	C 5.5	3	E		10		F
0512	LEAR	22	0732	0732	0737	S19	E61	6423	12 27.0	5	SF		3	E		21		
0513	LEAR	22	0855	0858	0910	S24	E69	6420	12 27.7	15	SF		3	E		35		
0514	HTPR	22	1018	1023	1045	S20	E80	6422	12 28.5	27	SF			C				
0515		22	11102	1114	1120	S23	E75	6420	12 28.2	10	SN	C 4.1				95		E
	HTPR	22	1110	1114	1120	S25	E78	6420	12 28.5	10	SN			C	1114	150		E
	SVTO	22	1112	1114	1118D	S21	E72	6420	12 28.0	6D	SF	C 4.1	2	E		40		
0516	HTPR	22	1209	1214	1240	S23	E68	6420	12 27.7	31	SN			C	1214	110		
0517	HTPR	22	1340		1355	N13	W85	6415	12 16.1	15	SN			C				A
0518	HTPR	22	1342	1344	1355	S25	E60	6423A	12 27.2	13	SF			C	1344	40		
		22	1519		1547	No Flare Patrol												
0519	RAMY	22	1544	1545	1645	S25	E66	6420	12 27.8	61	SF	M 1.2	2	E		78		
		22	1616		1624	No Flare Patrol												
		22	1810		1816	No Flare Patrol												
		22	1958		2021	No Flare Patrol												
0520		22	2020	2038	2138	S22	E62	6420	12 27.6	78	SF	C 7.5				63		F
	RAMY	22	2020	2038	2138	S22	E61	6420	12 27.5	78	SF		2	E		67		F
	HOLL	22	2031E	2040U	2130D	S23	E63	6420	12 27.7	59D	SF	C 7.5	3	E		59		F
0521	HOLL	22	2126	2134	2145D	S29	E56	6423A	12 27.3	19D	SF		3	E		12		
0522		22	2152	2205*	2324D	S25	E63	6420	12 27.8	92D	1N	M 5.3				206		FK
	HOLL	22	2152	2205	2324D	S25	E63	6420	12 27.8	92D	SF			E		17		K
	HOLL	22	2152	2234	2324D	S25	E63	6420	12 27.8	92D	2B	M 5.3	3	E		395		F
0523		22	2217	2225	2523	S19	E51	6423	12 26.8	186	2N					382		KT
	LEAR	22	2217	2225U	2523	S19	E51	6423	12 26.8	186	2N		3	E		496		T
	LEAR	22	2217	2225	2523	S19	E51	6423	12 26.8	186	2N			E		269		KT
0524		22	2229*	22377	2244	N16	W66	6412	12 17.9	15	SF					26		
	LEAR	22	2229	2237	2242	N13	W63	6412	12 18.2	13	SF		3	E		20		
	HOLL	22	2229	2238	2240	N18	W67	6412	12 17.8	11	SF		3	E		21		
	LEAR	22	2243	2244	2249	N18	W68	6412	12 17.8	6	SF		3	E		36		
0525	LEAR	23	0038	0040	0048	N18	W66	6412	12 18.0	10	1N	C 8.5	3	E		134		
0526	LEAR	23	0039	0039	0043	N13	W88	6415	12 16.4	4	SF		3	E		26		
0527		23	0138*	0138*	0202	S23	E56	6420	12 27.4	24	SF					22		
	LEAR	23	0138	0138	0146	S23	E56	6420	12 27.4	8	SF		3	E		19		
	LEAR	23	0149	0152	0219	S23	E56	6420	12 27.4	30	SF		3	E		26		
0528	LEAR	23	0259	0301	0307	N18	W70	6412	12 17.8	8	SF		3	E		34		

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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	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0529	LEAR	23	0339	0345	0403	S23	E55	6420	12 27.4	24	SF		3	E		30		
0530	LEAR	23	0521	0524	0529	S19	E49	6423	12 27.0	8	SF		3	E		13		
0531	KANZ	23	0930	0930	0937	S19	E72	6422	12 28.9	7	SF			V				
0532		23	0943	1001	1028	N12	W70	6412	12 18.1	45	2B	X 1.0				291		U
	KANZ	23	0943	1001	1027	N12	W73	6412	12 17.9	44	2B			V				U
	SVTO	23	0943E	1001	1029	N11	W68	6412	12 18.3	46D	2B	X 1.0	3	E		291		
0533		23	17113	17136	1725	N12	W72	6412	12 18.3	14	SF					16		F
	RAMY	23	1711	1713	1728	N13	W73	6412	12 18.2	17	SF		3	E		22		F
	HOLL	23	1714	1719	1722	N12	W71	6412	12 18.4	8	SF		3	E		11		F
0534	HOLL	23	1717	1718	1724	S20	E45	6423	12 27.2	7	SF		3	E		15		
0535		23	18522	18575	1904	N12	W70	6412	12 18.5	12	SF					18		FH
	RAMY	23	1852	1902	1904	N12	W70	6412	12 18.5	12	SF		3	E		21		FH
	HOLL	23	1854	1857	1904	N12	W71	6412	12 18.4	10	SF		3	E		16		F
0536		23	20043	20062	2022	S23	E54	6420	12 28.0	18	SF	C 3.3				57		F
	HOLL	23	2004	2006	2020	S23	E53	6420	12 27.9	16	SF		3	E		78		
	RAMY	23	2007	2008	2025	S23	E55	6420	12 28.1	18	SF	C 3.3	3	E		36		F
0537	HOLL	23	2124	2125	2130	S19	E43	6423	12 27.2	6	SF		3	E		16		
0538	HOLL	23	2211	2215	2227	S15	E60	6422	12 28.5	16	SF	C 2.3	3	E		60		
0539		23	2232*	2236*	2300	N17	E06	6418	12 24.4	28	SF	C 3.9				52		FK
	HOLL	23	2232	2236	2252	N17	E06	6418	12 24.4	20	SF	C 3.9	3	E		34		F
	HOLL	23	2232	2241	2252	N17	E06	6418	12 24.4	20	SF			E		55		K
	LEAR	23	2242	2247	2316	N18	E07	6418	12 24.5	34	SF		3	E		67		F
0540		23	23233	2327	2337	S24	E46	6420	12 27.5	14	SF					23		F
	HOLL	23	2323	2327	2340	S24	E46	6420	12 27.5	17	SF		3	E		25		
	LEAR	23	2326	2327	2334	S24	E45	6420	12 27.4	8	SF		3	E		21		F
0541	LEAR	24	0017	0017	0021	N15	W79	6412	12 18.0	4	SF		3	E		25		
0542		24	00422	00453	0058	N18	E05	6418	12 24.4	16	1F					114	2.2	EFJT
	VORO	24	0042	0048	0102	N18	E05	6418	12 24.4	20	1F		2	C	0048	206	2.2	EJT
	LEAR	24	0044	0045	0054	N18	E05	6418	12 24.4	10	SF		3	E		23		F
0543		24	0056	00556	0116	S25	E48	6420	12 27.7	20	SF	M 1.0				38	0.6	DFIJ
	VORO	24	0055U	0055	0101	S25	E53	6420	12 28.1	6U	SF		2	C	0055	36	0.6	DIJ
	LEAR	24	0056	0101	0131	S25	E44	6420	12 27.4	35	SF	M 1.0	3	E		40		F
0544		24	01551	0157	0204	N13	W80	6412	12 18.0	9	1F					58		DH
	VORO	24	0155	0157	0201D	N13	W85	6412	12 17.7	6D	1F		2	C	0157	63		DH
	LEAR	24	0156	0157	0204	N13	W75	6412	12 18.4	8	SF		3	E		52		
0545		24	0306	0316*	0340	S24	E52	6420	12 28.1	34	SN	C 4.9				48	0.8	F
	LEAR	24	0306	0316	0336	S25	E53	6420	12 28.2	30	SF	C 4.9	3	E		48		F
	YUNN	24	0331E	0333	0343	S24	E52	6420	12 28.2	12D	SN			P		47	0.8	
0546	YUNN	24	0331E	0333	0343	N17	E05	6418	12 24.5	12D	SN			P		126	1.4	
0547	URUM	24	0544	0550	0600	N04	E32	6425A	12 26.6	16	SF			C		32	0.4	E
0548		24	0558	0605*	0650	N17	E03	6418	12 24.5	52	SN	C 7.5				89	1.2	EK
	MITK	24	0558E	0605	0630	N16	E03	6418	12 24.5	32D	SN			C	0605			E
	LEAR	24	0558	0611	0640	N17	E03	6418	12 24.5	42	SF	C 7.5	3	E		94		
	URUM	24	0558	0620	0730	N17	E03	6418	12 24.5	92	SB			C		113	1.2	E
	LEAR	24	0558	0623	0640	N17	E03	6418	12 24.5	42	SF			E		60		K
0549	YUNN	24	0745	0752	0810	S22	E57	6422	12 28.7	25	SN			C		16	0.3	
0550	LEAR	24	0952	0954	0959	S25	E41	6420	12 27.6	7	SF		3	E		17		F
		24	1104		1159	No Flare Patrol												

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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 Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
		24	1212		1236	No Flare Patrol												
		24	1242		1251	No Flare Patrol												
		24	1305		1321	No Flare Patrol												
0551	RAMY	24	1322E	1327	1330D	S24	E47	6420	12 28.2	8D	1F	M 2.2	3	E		116		F
		24	1331		1417	No Flare Patrol												
0552		24	1533	15379	1606	N10	W80	6412	12 18.6	33	1B	X 1.8				129		K
	HOLL	24	1533	1537	1606	N10	W80	6412	12 18.6	33	1B			E		118		K
	HOLL	24	1533	1546	1606	N10	W80	6412	12 18.6	33	1B	X 1.8	3	E		140		
0553	HOLL	24	1542	1545	1552	N18	W03	6418	12 24.4	10	SF		3	E		44		F
		24	1648		1652	No Flare Patrol												
0554		24	17021	17061	1725	N17	E00	6418	12 24.7	23	SF					26		
	HOLL	24	1702	1707	1720D	N17	E00	6418	12 24.7	18D	SF		3	E		27		
	RAMY	24	1703	1706	1725	N17	E00	6418	12 24.7	22	SF		3	E		25		
0555		24	1805	18062	1824	N18	W04	6418	12 24.4	19	SF					32		
	HOLL	24	1805	1806	1823	N17	W05	6418	12 24.4	18	SF		3	E		34		
	RAMY	24	1805	1808	1825	N18	W04	6418	12 24.4	20	SF		3	E		29		
0556	HOLL	24	2113E	2113U	2125D	S10	E35	6424	12 27.5	12D	SF		2	E		26		F
0557	HOLL	24	2123E	2138U	2147D	S25	E42	6420	12 28.1	24D	SF		2	E		59		F
0558	LEAR	24	2232	2256	2329	S27	E39	6420	12 28.0	57	1F	M 1.0	3	E		155		F
0559		25	00491	0051	0057	S18	E19	6423	12 26.5	8	SF					57	0.8	DHIJT
	VORO	25	0049	0051	0056	S18	E19	6423	12 26.5	7	SF		2	C	0051	72	0.8	DHIJT
	LEAR	25	0050	0051	0058	S19	E19	6423	12 26.5	8	SF		3	E		42		
0560	LEAR	25	0051	0057	0109	S25	E39	6420	12 28.0	18	SF	C 5.0	3	E		28		
0561		25	0117	0119*	0150	S22	E21	6423	12 26.7	33	SN					56	0.7	DIJT
	VORO	25	0117	0119	0134U	S25	E25	6423	12 27.0	17U	SF		2	C	0119	81	1.0	DIJT
	YUNN	25	0135E	0136	0150	S20	E17	6423	12 26.4	15D	SN			P		31	0.4	
0562	VORO	25	0134U	0136	0139	S25	E39	6420	12 28.1	5U	SF		2	C	0136	72	1.0	DIJT
0563		25	02371	02401	0247	S18	E19	6423	12 26.5	10	SN					121	1.4	DHIJT
	VORO	25	0237	0240	0250	S18	E19	6423	12 26.5	13	SF		2	C	0240	116	1.3	DHIJT
	PEKG	25	0238	0241	0244	S19	E19	6423	12 26.5	6	SN			P	0245	126	1.4	D
0564		25	0249	0251	0258	S27	E37	6420	12 28.0	9	SF	C 3.5				47	0.7	DIJT
	YUNN	25	0241E	0241U	0242D	S26	E38	6420	12 28.1	1D	SN			P	0241	16	0.2	
	LEAR	25	0249	0251	0257	S28	E37	6420	12 28.0	8	SF	C 3.5	3	E		36		
	VORO	25	0249	0251	0259	S27	E37	6420	12 28.0	10	SF		2	C	0251	90	1.2	DIJT
0565	VORO	25	0251	0252	0253D	S23	E28	6423	12 27.3	2D	SF		2	C	0252	54	0.7	DIJT
0566	LEAR	25	0323	0323	0327	S21	E44	6422	12 28.5	4	SF	C 2.0	3	E		32		F
0567		25	03237	0330	0333	S26	E34	6420	12 27.8	10	SN					36		F
	PALE	25	0323	0324U	0337D	S26	E37	6420	12 28.0	14D	SN		3	E		55		F
	LEAR	25	0330	0330	0333	S26	E32	6420	12 27.6	3	SF		3	E		16		
0568	PEKG	25	0530	0535	0538	S19	E17	6423	12 26.5	8	SN			P	0535	84	0.9	D
0569		25	07077	07154	0723	S18	E15	6423	12 26.4	16	SF					64	1.2	D
	ABST	25	0707	0715	0723	S18	E15	6423	12 26.4	16	SF			C	0715	105	1.2	D
	LEAR	25	0714	0719	0723	S19	E15	6423	12 26.4	9	SF		3	E		23		
0570	LEAR	25	0738	0741	0756	S21	E42	6422	12 28.5	18	SF	C 2.4	3	E		43		F
0571	LEAR	25	0841	0842	0847	S25	E34	6420	12 28.0	6	SF		3	E		19		F

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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	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0572		25	0929	0930	0946	S18	E20	6423	12 26.9	17	SN					52	0.7	DFK
	LEAR	25	0929	0930	0937	S18	E16	6423	12 26.6	8	SF		3	E		41		F
	ONDR	25	0937U	0949U	0956	S18	E23	6423	12 27.1	19U	SN			C	0949	64	0.7	DK
0573	ONDR	25	1005	1006	1009	S18	E17	6423	12 26.7	4	SN			C	1006	67	0.7	D
0574	KHAR	25	1050		1058	S18	E14	6423	12 26.5	8	SF			P	1050	150	1.8	H
0575	KHAR	25	1053	1055	1058D	S21	E33	6420	12 28.0	5D	SF				1055			EH
		25	1059		1108	No Flare Patrol												
0576	RAMY	25	1214	1226	1233	S10	E26	6424	12 27.5	19	SF		3	E		18		F
0577	RAMY	25	1420	1420	1423	S18	E11	6423	12 26.4	3	SF		3	E		15		
0578	RAMY	25	1428	1430	1436	S10	E24	6424	12 27.4	8	SN	C 3.3	3	E		36		F
0579	RAMY	25	1434	1435	1442	S19	E11	6423	12 26.4	8	SF		3	E		27		
0580	HOLL	25	1528	1529	1538	S10	E25	6424	12 27.5	10	SF		3	E		22		F
0581		25	16096	16191	1644	S20	E36	6422	12 28.4	35	SN					62		EF
	HOLL	25	1609	1619	1641	S20	E36	6422	12 28.4	32	SN		3	E		63		FE
	RAMY	25	1615	1620	1648	S19	E35	6422	12 28.3	33	SF		3	E		61		F
0582		25	16111	16252	1634	S18	E10	6423	12 26.4	23	SF	C 2.4				30		
	RAMY	25	1611	1625	1634	S18	E10	6423	12 26.4	23	SF	C 2.4	3	E		25		
	HOLL	25	1612	1627	1633	S19	E11	6423	12 26.5	21	SF		3	E		34		
0583	HOLL	25	1618	1621	1624	S09	E23	6424	12 27.4	6	SF		3	E		20		
0584		25	1729	17307	1739	S20	E36	6422	12 28.5	10	SF	C 2.1				26		F
	HOLL	25	1729	1730	1735	S20	E37	6422	12 28.5	6	SF		3	E		25		
	RAMY	25	1729	1737	1743	S19	E36	6422	12 28.5	14	SF	C 2.1	3	E		26		F
0585	RAMY	25	1748	1753	1803	S18	E09	6423	12 26.4	15	SF		3	E		13		F
0586	RAMY	25	1916	1919	1928	S18	E08	6423	12 26.4	12	SF		3	E		22		F
0587	RAMY	25	1945	1947	1953	S19	E09	6423	12 26.5	8	SF		3	E		14		F
0588		25	20461	2048	2051	S18	E08	6423	12 26.5	5	SF					24		
	RAMY	25	2046	2048	2051	S18	E08	6423	12 26.5	5	SF		3	E		22		
	HOLL	25	2047	2048	2051	S18	E09	6423	12 26.5	4	SF		3	E		25		
0589		25	2158	2203	2228	S28	E28	6420	12 28.1	30	1N	C 5.9				135		F
	HOLL	25	2158	2203	2228	S28	E28	6420	12 28.1	30	1N	C 5.9	3	E		140		F
	LEAR	25	2204E		2229	S27	E27	6420	12 28.0	25D	1N		3	E		130		
0590	LEAR	25	2315	2315	2319	S20	E11	6423	12 26.8	4	SF		3	E		12		F
0591	LEAR	25	2358	2406	2427	S24	E27	6420	12 28.1	29	SF	C 3.3	3	E		50		F
0592	LEAR	26	0019	0019	0024	S19	E06	6423	12 26.5	5	SF		3	E		16		
0593	LEAR	26	0053	0054	0058	S25	E25	6420	12 28.0	5	SF	C 1.9	3	E		14		
0594	LEAR	26	0147	0152	0201	S20	E10	6423	12 26.8	14	SF		3	E		37		F
0595		26	0204	02139	0310	S26	E25	6420	12 28.0	66	1N	M 1.8				266	5.8	EFK
	LEAR	26	0204	0213	0318	S26	E25	6420	12 28.0	74	1N			E		132		K
	LEAR	26	0204	0222	0318	S26	E25	6420	12 28.0	74	1N	M 1.8	3	E		204		FE
	PEKG	26	0210E	0220	0255	S27	E26	6420	12 28.1	45D	2N			P	0220	463	5.8	E
0596	LEAR	26	0220	0223	0235	S20	E09	6423	12 26.8	15	SF		3	E		14		
0597	LEAR	26	0650	0716	0736	S26	E22	6420	12 28.0	46	SF	C 2.1	3	E		40		F

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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 Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0598	LEAR	26	0719	0720	0723	S18	E04	6423	12 26.6	4	SF		3	E		18		F
		26	1053		1131	No Flare Patrol												
0599	RAMY	26	1133E	1135	1206	S26	E25	6420	12 28.4	33D	1F	M 1.7	3	E		101		F
		26	1149		1159	No Flare Patrol												
0600	RAMY	26	1207	1210	1212	S18	E01	6423	12 26.6	5	SF		3	E		34		
		26	1220		1258	No Flare Patrol												
0601	RAMY	26	1259E	1300U	1326D	S17	W01	6423	12 26.5	27D	SF		3	E		33		
		26	1315		1324	No Flare Patrol												
0602		26	1351*	1352*	1438	S20	E00	6423	12 26.6	47	SF					23		
	RAMY	26	1351	1352	1356	S20	W02	6423	12 26.4	5	SF		3	E		19		
	RAMY	26	1401	1402	1519	S20	E03	6423	12 26.8	78	SF		3	E		27		
0603	RAMY	26	1355	1401	1528	S26	E21	6420	12 28.2	93	2B	X 1.9	3	E		332		UY
0604	RAMY	26	1608	1609	1626	S09	E10	6424	12 27.4	18	SF		3	E		21		F
0605	RAMY	26	2053	2053	2058	S18	W04	6423	12 26.6	5	SF		3	E		13		F
0606	RAMY	26	2114	2115	2118	S24	E14	6420	12 28.0	4	SF		3	E		12		F
		26	2130		2204	No Flare Patrol												
		26	2235		2239	No Flare Patrol												
0607	LEAR	27	0018	0019	0023	S25	E13	6420	12 28.0	5	SF		3	E		29		F
		27	0057		0104	No Flare Patrol												
0608	WATU	27	0116	0119	0123	S26	E15	6420	12 28.2	7	SF			P	0119	30	0.3	
0609	LEAR	27	0428	0429	0434	S20	W03	6423	12 26.9	6	SF		3	E		21		
0610	LEAR	27	0554	0557	0602	S24	W02	6423	12 27.1	8	SF		3	E		21		
0611	LEAR	27	0556	0600	0604	N17	W39	6418	12 24.3	8	SF		3	E		17		
0612	LEAR	27	0649	0652	0712	S26	E11	6420	12 28.1	23	SF	C 2.2	3	E		34		
0613	LEAR	27	0713	0716	0718	S18	W02	6423	12 27.1	5	SF		3	E		18		
0614		27	09162	09171	0924	S09	E62	6433B	01 1.0	8	SF							DH
	KHAR	27	0916	0917	0925	S09	E62	6433B	01 1.0	9	SF				0917			DH
	KANZ	27	0918	0918	0922	S09	E61	6433B	01 1.0	4	SF			V				
0615	KANZ	27	1054	1054	1100	S21	E13	6422	12 28.4	6	SF			V				
		27	1215		1224	No Flare Patrol												
		27	1244		1251	No Flare Patrol												
0616	RAMY	27	1259	1305	1315	S10	W02	6424	12 27.4	16	SF		3	E		24		
		27	1350		1419	No Flare Patrol												
0617	HOLL	27	1429E	1433U	1445	S19	E13	6422	12 28.6	16D	SF		1	E		53		F
0618	HOLL	27	1527	1536	1610	S19	W06	6423	12 27.2	43	SF		3	E		49		F
0619		27	16196	1610*	1633	S09	W01	6424	12 27.6	14	SF					21		F
	HOLL	27	1610E	1610	1636	S09	W02	6424	12 27.5	26D	SF		3	E		24		F
	RAMY	27	1619	1620	1623	S08	W01	6424	12 27.6	4	SF		3	E		18		
	RAMY	27	1625	1625	1639	S09	W01	6424	12 27.6	14	SF		3	E		21		

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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	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0620		27	16145	1616*	1653	S12	W65		12 22.8	39	SF					13		
	HOLL	27	1614	1616	1700	S12	W66		12 22.7	46	SF		3	E		10		
	RAMY	27	1619	1626	1646	S11	W64		12 22.9	27	SF		3	E		16		
0621	HOLL	27	1654	1654	1720	S12	E02	6426	12 27.8	26	SF		3	E		18		F
0622	HOLL	27	1713	1716	1731	S27	E05	6420	12 28.1	18	SF		3	E		40		F
0623		27	17381	17434	1804	S18	W08	6423	12 27.1	26	SF					30		F
	HOLL	27	1738	1743	1807	S19	W08	6423	12 27.1	29	SF		3	E		33		F
	RAMY	27	1739	1747	1802	S18	W07	6423	12 27.2	23	SF		3	E		26		
0624		27	1744	17461	1820	S26	E05	6420	12 28.1	36	1N	C 6.3				110		FH
	RAMY	27	1744	1746	1814	S26	E04	6420	12 28.0	30	SN	C 6.3	3	E		84		H
	HOLL	27	1744	1747	1827	S27	E06	6420	12 28.2	43	1N	C 6.3	3	E		137		FH
0625		27	18502	18511	1915	S09	W04	6424	12 27.5	25	SF					20		F
	HOLL	27	1850	1851	1911	S09	W04	6424	12 27.5	21	SF		3	E		22		F
	RAMY	27	1852	1852	1919	S09	W03	6424	12 27.6	27	SF		3	E		18		F
0626		27	20071	20113	2024	S19	W09	6423	12 27.1	17	SF					32		F
	HOLL	27	2007	2011	2024	S19	W09	6423	12 27.1	17	SF		3	E		44		F
	RAMY	27	2008	2014	2024	S19	W09	6423	12 27.1	16	SF		3	E		19		F
		27	2038		2047	No Flare Patrol												
		27	2146		2205	No Flare Patrol												
0627	LEAR	27	2215	2223	2336	S18	W09	6423	12 27.2	81	SF	C 3.7	3	E		74		F
0628	LEAR	28	0259	0303	0332	N15	W51	6418	12 24.3	33	SF		3	E		42		
0629		28	0324	03252	0338	S26	E00	6420	12 28.1	14	SN					34	0.3	
	LEAR	28	0324	0325	0337	S26	E00	6420	12 28.1	13	SF		3	E		38		
	YUNN	28	0325E	0327	0338	S26	E00	6420	12 28.1	13D	SN			P		31	0.3	
0630		28	0453	05008	0524	S18	W14	6423	12 27.1	31	SN					13	0.2	
	WATU	28	0453	0500	0517	S17	W14	6423	12 27.1	24	SF			P	0500	10	0.1	
	YUNN	28	0457E	0508	0531	S18	W14	6423	12 27.1	34D	SN			P		16	0.2	
0631		28	07236	07351	0754	S11	W12	6424	12 27.4	31	1F	C 3.2				130	1.5	EF
	ABST	28	0723	0736	0744	S11	W13	6424	12 27.3	21	SF			C	0736	195	2.0	E
	LEAR	28	0729	0735	0812	S11	W13	6424	12 27.3	43	1F	C 3.2	3	E		130		F
	YUNN	28	0734E	0736	0745	S11	W12	6424	12 27.4	11D	SN			P		94	1.0	
	SVTO	28	0736E	0737U	0746D	S10	W10	6424	12 27.6	10D	1F		1	E		103		
0632	LEAR	28	0735	0751	0805	S22	W19	6423	12 26.8	30	SF		3	E		17		F
0633	KANZ	28	1222	1222	1229	S11	W15	6424	12 27.4	7	SF			V				
		28	1325		1330	No Flare Patrol												
		28	1359		1439	No Flare Patrol												
0634	RAMY	28	1511	1511	1528	S17	W01	6422	12 28.5	17	SF	C 1.0	3	E		13		F
0635	RAMY	28	1552	1555	1558	N18	W56	6418	12 24.4	6	SF		3	E		11		
		28	1622		1647	No Flare Patrol												
0636	RAMY	28	1743	1745	1753	S14	W13	6426	12 27.7	10	SF	C 1.4	3	E		16		FH
0637	RAMY	28	1745	1748	1800	S17	W17	6423	12 27.4	15	SF		3	E		13		F
		28	2000		2006	No Flare Patrol												
		28	2051		2053	No Flare Patrol												
		28	2110		2131	No Flare Patrol												
0638	HOLL	28	2143	2146	2152	N17	W59	6418	12 24.4	9	SF		3	E		41		F
0639	LEAR	29	0558	0614	0644	S12	E67	6432	01 3.3	46	SF	C 1.4	3	E		74		

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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	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0640		29	0944	10093	1039	S11	E38	6427	01	1.3	55	1N	C 3.6				150	2.4	U
	SVTO	29	0944	1009	1117	S11	E36	6427	01	1.1	93	1F	C 3.6	3	E		100		U
	ATHN	29	1005E	1012	1020	S10	E38	6427	01	1.3	15D	1N		3	V	1012	159	2.1	
	ATHN	29	1005E	1012	1020	S13	E39	6427	01	1.4	15D	1N		3	V	1012	191	2.6	
		29	1238		1246	No Flare Patrol													
0641	RAMY	29	1249	1253	1323	S10	W28	6424	12	27.4	34	SF		3	E		21		F
0642	RAMY	29	1400	1400	1411	S24	W28	6420	12	27.4	11	SF		3	E		10		F
0643	RAMY	29	1426	1428	1459	S10	W30	6424	12	27.3	33	SF		3	E		19		F
		29	1956		1959	No Flare Patrol													
		29	2003		2021	No Flare Patrol													
		29	2053		2108	No Flare Patrol													
0644	LEAR	29	2235	2252	2304	S10	W34	6424	12	27.4	29	SF		3	E		33		
0645		29	2314*	23483	2418	S10	W36	6424	12	27.3	64	SF					22		
	LEAR	29	2314	2351	2423	S10	W35	6424	12	27.3	69	SF		3	E		25		
	PALE	29	2344	2348	2412	S11	W36	6424	12	27.3	28	SF		3	E		19		
0646	URUM	30	0559	0600	0605	S08	W37	6424	12	27.5	6	SN			C		16	0.2	D
0647	URUM	30	0605	0611	0624	S22	W23	6422	12	28.5	19	SN			C		16	0.2	D
0648	YUNN	30	0622	0624	0627	S08	W42	6424	12	27.1	5	SN			C		24	0.3	
0649	URUM	30	0721	0724	0730	S08	W39	6424	12	27.4	9	SN			C		16	0.2	D
0650	SVTO	30	0901	0903	0907	S21	W44	6423	12	27.0	6	SF		3	E		14		
0651		30	0921	0923	0950	S12	W39	6424	12	27.4	29	SF	C 2.0				50		F
	SVTO	30	0921	0923	0945	S12	W39	6424	12	27.4	24	SF	C 2.0	3	E		40		F
	LEAR	30	0921	0923	0956	S11	W39	6424	12	27.4	35	SF	C 2.0	3	E		60		F
0652	SVTO	30	1041	1042	1053	S09	W42	6424	12	27.3	12	SF	C 1.9	3	E		26		
0653		30	11444	11458	1202	S09	W42	6424	12	27.3	18	SF	C 5.5				30		FH
	SVTO	30	1144	1145	1204	S10	W43	6424	12	27.2	20	SN	C 5.5	3	E		36		FH
	RAMY	30	1148	1153	1158	S08	W42	6424	12	27.3	10	SF		2	E		25		H
	KANZ	30	1149E	1149U	1205	S09	W42	6424	12	27.3	16D	SF			V				
0654		30	1208*	1209*	1249	S10	W41	6424	12	27.4	41	SF	C 2.6				24		F
	SVTO	30	1208	1210	1249	S12	W41	6424	12	27.4	41	SF	C 2.6	3	E		32		
	RAMY	30	1209	1209	1237	S10	W40	6424	12	27.5	28	SF		3	E		19		F
	KANZ	30	1212	1212	1248	S12	W38	6424	12	27.6	36	SF			V				
	KANZ	30	1244	1244	1258	S09	W43	6424	12	27.3	14	SF			V				
	RAMY	30	1244	1245	1254	S09	W42	6424	12	27.4	10	SF		3	E		21		F
0655		30	13108	13191	1326	S09	W43	6424	12	27.3	16	SB	M 1.7				56		H
	KANZ	30	1310	1320	1331D	S09	W43	6424	12	27.3	21D	SN			V				
	RAMY	30	1313	1319	1327	S07	W43	6424	12	27.3	14	SB	M 1.7	3	E		50		
	SVTO	30	1318	1319	1326	S10	W43	6424	12	27.3	8	SB	M 1.7	3	E		63		H
0656		30	1447	1514	1538	S10	W44	6424	12	27.3	51	1B	M 4.0				96		H
	HOLL	30	1447	1514	1543	S09	W45	6424	12	27.2	56	1B	M 4.0	3	E		154		H
	RAMY	30	1455E	1518U	1533	S10	W43	6424	12	27.4	38D	SN		3	E		39		
0657		30	16411	16434	1722	S12	E20	6427	01	1.2	41	SF	C 1.7				28		F
	HOLL	30	1641	1643	1722	S10	E18	6427	01	1.0	41	SF	C 1.7	3	E		26		F
	RAMY	30	1642	1647	1721	S14	E23	6427	01	1.4	39	SF		3	E		30		F
0658		30	1726	1728	1805	S12	E19	6427	01	1.1	39	SF					24		F
	HOLL	30	1726	1728	1805	S12	E18	6427	01	1.1	39	SF		3	E		12		F
	PALE	30	1730E	1735U	1805D	S13	E20	6427	01	1.2	35D	SF		3	E		36		F

Hα SOLAR FLARES

DECEMBER 1990

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0659		30	17443	1750	1754	S10	W46	6424	12	27.3	10	SF					26		F
	PALE	30	1744	1746U	1801D	S10	W45	6424	12	27.3	17D	SF		3	E		25		F
	HOLL	30	1747	1750	1754	S09	W46	6424	12	27.3	7	SF		3	E		26		
0660	HOLL	30	1817	1818	1828	S09	E45	6432	01	3.1	11	SF		3	E		16		
0661	HOLL	30	1829	1830	1843	S09	W47	6424	12	27.2	14	SN	M 1.2	3	E		35		
0662	LEAR	31	0127	0129	0136	S23	E24	6429	01	1.9	9	SF		3	E		28		
0663		31	0221	02222	0234	S24	E25	6429	01	2.0	13	SF	C 2.0				31	0.4	F
	PALE	31	0221	0222	0237	S24	E25	6429	01	2.0	16	SF	C 2.0	4	E		32		F
	WATU	31	0221	0224	0230	S23	E25	6429	01	2.0	9	SF			C	0224	30	0.4	
0664	LEAR	31	0623	0624	0629	S12	E19	6427	01	1.7	6	SF		3	E		31		
0665	SVTO	31	0721	0724	0729	S24	E21	6429	01	1.9	8	SF		3	E		19		
0666		31	0721	0730*	0816	S14	E15	6427	01	1.4	55	SF					78	0.7	EF
	SVTO	31	0721	0730	0844D	S13	E14	6427	01	1.4	83D	SF		3	E		41		F
	LEAR	31	0721	0736	0806	S15	E15	6427	01	1.4	45	1F		3	E		129		F
	URUM	31	0749E	0814	0826	S15	E15	6427	01	1.5	37D	SN			C		64	0.7	E
0667	SVTO	31	1106	1108	1116	S23	E18	6429	01	1.8	10	SF		3	E		18		
0668		31	11581	11581	1204	S11	W57	6424	12	27.2	6	SF					18		
	SVTO	31	1158	1158	1204	S12	W59	6424	12	27.0	6	SF		3	E		11		
	RAMY	31	1158E	1158U	1218D	S09	W56	6424	12	27.3	20D	SF		3	E		26		
	KANZ	31	1159	1159	1203D	S11	W56	6424	12	27.3	4D	SF			V				
0669	SVTO	31	1407	1408	1414	S09	E31	6432	01	2.9	7	SF		3	E		20		
0670	HOLL	31	1951	1952	2014	S20	W45	6422	12	28.4	23	SN	C 2.4	3	E		57		F
0671		31	2244	2248	2354	S12	E02	6427	01	1.1	70	SF					42		F
	LEAR	31	2244	2248	2354	S11	E01	6427	01	1.0	70	SF		3	E		53		
	HOLL	31	2253E	2257U	2338D	S14	E02	6427	01	1.1	45D	SF		3	E		30		F
0672	LEAR	31	2323	2342	2352	S10	W63	6424	12	27.2	29	SF		3	E		24		

"Remarks"

A = Eruptive prominence whose base is less than 90 degrees from central meridian.
B = Probably the end of a more important flare.
C = Invisible 10 minutes before.
D = Brilliant point.
E = Two or more brilliant points.
F = Several eruptive centers.
G = No visible spots in the neighborhood.
H = Flare accompanied by high-speed dark filament.
I = Active region very extended.
J = Distinct variations of plage intensity before or after the flare.
K = Several intensity maxima.
L = Existing filaments show signs of sudden activity.
M = White-light flare.
N = Continuous spectrum shows effects of polarization.
O = Observations have been made in the H and K lines of Ca II.
P = Flare shows Helium D3 in emission.
Q = Flare shows Balmer continuum in emission.
R = Marked asymmetry in H-alpha line suggests ejection of high-velocity material.
S = Brightness follows disappearance of filament in same position.
T = Region active all day.
U = Two bright branches, parallel or converging.
V = Occurrence of an explosive phase; important, expansion within roughly 1 minute that often includes a significant intensity increase.
W = Great increase in area after time of maximum intensity.
X = Unusually wide H-alpha line.
Y = System of loop-type prominences.
Z = Major sunspot umbra covered by flare.

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