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Nov 90

H α SOLAR FLARES

NOVEMBER 1990

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0001	LEAR	01	0220	0221	0229	S20	E62	6347	11	5.8	9	SF		3	E		19		
0002	LEAR	01	0457	0458	0511	S21	E61	6347	11	5.9	14	SF		3	E		15		
0003	ISTA	01	0644E		0649	S03	E33	6345	11	3.7	50	SB							D
0004	ISTA	01	0646		0655	S20	E62	6347	11	6.0	9	SN							D
0005		01	08021	08022	0808	S20	E60	6350	11	5.9	6	SN C 1.1					20		D
	LEAR	01	0802	0802	0807	S21	E58	6350	11	5.8	5	SF C 1.1	3	E		20			D
	ISTA	01	0803	0804	0808	S20	E62	6350	11	6.1	5	SB							D
0006	RAMY	01	1612	1701	1712	S06	E25	6345	11	3.5	60	SF C 1.2	3	E			59		F
0007	PALE	01	1751	1754	1803	S06	E27	6345	11	3.8	12	SF		3	E		13		
0008	PALE	01	1804	1826	1910	S03	E24	6345	11	3.5	66	SF		3	E		17		F
0009	PALE	01	1815	1816	1829	S20	E56	6347	11	6.0	14	SF C 1.3	3	E			48		FU
			01 1952		2007	No Flare Patrol													
			01 2026		2050	No Flare Patrol													
			01 2102		2109	No Flare Patrol													
			01 2157		2159	No Flare Patrol													
0010		02	01281	01291	0136	S04	E17	6345	11	3.3	8	SF B 6.8					64	1.0	DIJ
	LEAR	02	0128	0129	0136	S04	E17	6345	11	3.3	8	SF B 6.8	3	E			37		
	VORO	02	0129	0130	0136	S03	E17	6345	11	3.3	7	SF	2	C	0130		90	1.0	DIJ
0011	URUM	02	0414	0417	0421	S04	E17	6345	11	3.4	7	SF			C		16	0.2	D
0012	LEAR	02	0515	0517	0534	S08	E20	6445	11	3.7	19	SF		3	E		18		
0013		02	1309	13152	1329	S08	E14	6345	11	3.6	20	SF B 8.6					40		
	RAMY	02	1309	1315	1320D	S07	E13	6345	11	3.5	11D	SF B 8.6	2	E			48		
	SVTO	02	1309	1317	1329	S08	E14	6345	11	3.6	20	SF B 8.6	2	E			32		
			02 1421		1424	No Flare Patrol													
			02 1443		1449	No Flare Patrol													
			02 1459		1623	No Flare Patrol													
			02 1704		1738	No Flare Patrol													
			02 1921		1926	No Flare Patrol													
			02 2012		2030	No Flare Patrol													
0014		03	0320	0338	0357	S26	E38	6350	11	6.1	37	SF C 1.9					32		F
	LEAR	03	0320	0338	0357	S26	E37	6350	11	6.0	37	SF C 1.9	3	E			19		
	PALE	03	0328E	0328U	0346D	S25	E39	6350	11	6.2	18D	SF C 1.9	3	E			45		F
0015	URUM	03	0328	0332	0348	S06	E07	6445	11	3.7	20	SN			C		48	0.5	D
			03 1312		1319	No Flare Patrol													
			03 1330		1336	No Flare Patrol													
			03 1615		1630	No Flare Patrol													
			03 1646		1651	No Flare Patrol													
			03 1838		1847	No Flare Patrol													
0016	LEAR	03	2353	2353	2415	S20	E21	6347	11	5.6	22	SF		3	E		61		
0017	LEAR	04	0116	0126	0139	S07	W05	6445	11	3.7	23	SF		3	E		28		F
0018	LEAR	04	0242	0251	0313	S04	W05	6445	11	3.7	31	SF		3	E		38		
0019		04	0255*	03061	0312	S20	E19	6347	11	5.6	17	SN					24	0.3	
	YUNN	04	0255	0306	0307D	S19	E19	6347	11	5.6	12D	SN			P		32	0.3	
	LEAR	04	0306	0307	0312	S20	E19	6347	11	5.6	6	SF		3	E		16		
0020	LEAR	04	0455	0456	0501	N05	W41	6343	11	1.1	6	SF		3	E		20		F

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0021		04	0505	0513	0524	S25	E23	6350	11	6.0	19	1N	C 1.7				126	3.2	FU
	TACH	04	0505E	0513	0525	S28	E25	6350	11	6.2	20D	1N		2	C	0513	240	3.2	U
	LEAR	04	0505	0514	0523	S22	E21	6350	11	5.8	18	SF	C 1.7	3	E		13		F
0022		04	0724	0731	0752	S26	E24	6350	11	6.2	28	SF	C 1.3				90	1.7	F
	LEAR	04	0724	0731	0750	S26	E24	6350	11	6.2	26	SF	C 1.3	3	E		48		F
	ABST	04	0725	0733	0753	S25	E23	6350	11	6.1	28	SF			C	0733	131	1.7	F
0023	LEAR	04	0904	0909	0936	S24	E25	6350	11	6.3	32	SF		3	E		22		F
		04	1023		1029	No Flare Patrol													
		04	1210		1251	No Flare Patrol													
0024	RAMY	04	1306	1306	1309	S05	W18	6345	11	3.2	3	SF		3	E		19		
0025	RAMY	04	1425	1426	1434	S21	E16	6350	11	5.8	9	SF		3	E		25		F
0026		04	1451	1453	1502	S20	E13	6347	11	5.6	11	SF	C 1.0				36		F
	RAMY	04	1451	1453	1500	S19	E12	6347	11	5.5	9	SF	C 1.0	3	E		32		
	HOLL	04	1451	1453	1504	S21	E14	6347	11	5.7	13	SF		2	E		41		F
0027		04	1604	1611	1630	S18	E12	6347	11	5.6	26	SF	B 8.8				18		F
	HOLL	04	1604	1611	1630	S19	E13	6347	11	5.7	26	SF	B 8.8	3	E		21		F
	RAMY	04	1607	1612	1631	S18	E11	6347	11	5.5	24	SF	B 8.8	3	E		15		
0028	HOLL	04	1731	1731	1735	S07	W20	6345	11	3.2	4	SF		3	E		11		
		04	1736	1738	1822	S19	E14	6347	11	5.8	46	1B	M 2.1				211		EFH
	HOLL	04	1736	1738	1828	S21	E15	6347	11	5.9	52	1B	M 2.1	3	E		238		FE
0029	PALE	04	1737	1738	1815	S17	E13	6347	11	5.7	38	1N		4	E		184		FH
0030	PALE	04	1737	1741	1809	S25	E15	6350	11	5.9	32	SF		4	E		22		
0031		04	1814	1817	1830	N13	E72	6358	11	10.2	16	SF	C 1.4				65		F
	HOLL	04	1814	1817	1831	N11	E75	6358	11	10.4	17	SF		3	E		74		F
	PALE	04	1815	1817	1828	N15	E70	6358	11	10.0	13	SF	C 1.4	4	E		56		F
0032		04	2332	2336*	2404	S24	E15	6350	11	6.1	32	SF	C 1.8				67		F
	HOLL	04	2332E	2335U	2352D	S24	E15	6350	11	6.1	20D	SF		2	E		64		F
	LEAR	04	2332	2336	2408	S25	E15	6350	11	6.1	36	SF		3	E		93		F
	PALE	04	2346E	2347	2401	S23	E16	6350	11	6.2	15D	SF	C 1.8	3	E		44		F
0033		04	2335*	2338*	2356	N17	E73	6358	11	10.5	21	SF					22		
	LEAR	04	2335	2338	2350	N17	E73	6358	11	10.5	15	SF		3	E		22		
	PALE	04	2348	2355	2403	N17	E73	6358	11	10.5	15	SF		3	E		21		
0034	LEAR	04	2355		2436	S07	W18	6345	11	3.6	41	SF		3	E		16		
0035		05	0027	0035*	0118	S24	E14	6350	11	6.1	51	1N	C 3.9				213	3.7	EF
	LEAR	05	0027	0037	0116	S25	E14	6350	11	6.1	49	1F	C 3.9	3	E		166		F
	MITK	05	0030	0035	0130	S23	E14	6350	11	6.1	60	1B			C	0035	280	3.3	E
	PEKG	05	0035E	0035	0035D	S24	E15	6350	11	6.2	60D	1B			P	0035	336	4.1	E
	PALE	05	0046E	0048	0108	S23	E14	6350	11	6.1	22D	SF		3	E		70		F
0036		05	0109	0112	0120	N12	E70	6362	11	10.3	11	SF					20		
	PALE	05	0109	0113	0119	N12	E71	6362	11	10.4	10	SF		3	E		21		
	LEAR	05	0110	0112	0120	N11	E69	6362	11	10.2	10	SF		3	E		20		
0037		05	0128	0134	0143	N12	E71	6362	11	10.4	15	SF					70		
	LEAR	05	0128	0134	0144	N10	E70	6362	11	10.3	16	SF		3	E		66		
	PALE	05	0128	0135	0142	N13	E72	6362	11	10.5	14	SF		3	E		75		
0038		05	1113	1117	1133	S19	E04	6347	11	5.8	20	SF	C 1.2				18		
	KANZ	05	1113	1117	1133	S19	E04	6347	11	5.8	20	SF			V				
	SVTO	05	1116	1118	1211D	S19	E04	6347	11	5.8	55D	SF	C 1.2	3	E		18		
0039		05	1303	1305	1318	N20	E66	6358	11	10.6	15	SN	C 4.5				77		
	KANZ	05	1303	1303U	1303D	N19	E66	6358	11	10.6	15D	SB			V				
	SVTO	05	1304	1305	1318	N20	E65	6358	11	10.5	14	SF	C 4.5	3	E		77		

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0040	SVTO	05	1321	1321	1328	S29	E78	6364	11	11.7	7	SF	C 1.5	3	E		14		
0041	SVTO	05	1428	1432	1439	S29	E83	6364	11	12.1	11	SF		3	E		17		
0042	SVTO	05	1431	1432	1444	N16	E63	6358	11	10.4	13	SF		3	E		18		
0043		05	1451	1454	1502	N18	E64	6358	11	10.5	11	SF	C 2.1				68		F
	HOLL	05	1450E	1452U	1525D	N16	E65	6358	11	10.5	35D	SF		2	E		48		F
	SVTO	05	1451	1454	1502	N19	E64	6358	11	10.5	11	SF	C 2.1	2	E		88		
0044	HOLL	05	1530	1536	1558	N18	E65	6358	11	10.6	28	SF	C 2.9	3	E		89		F
0045	HOLL	05	1547	1547	1604	S19	E01	6347	11	5.7	17	SF		3	E		19		
0046	HOLL	05	1609	1609	1626	S24	E05	6350	11	6.0	17	SF		3	E		27		F
0047	HOLL	05	1622	1629	1706	N18	E64	6358	11	10.5	44	SF	C 1.1	3	E		74		
0048	HOLL	05	1724	1725	1734	N08	W61	6343	11	1.1	10	SF		3	E		25		
0049	HOLL	05	1727	1728	1812	S17	E00	6347	11	5.7	45	1N	C 2.9	3	E		105		EF
0050		05	1911*	1911*	1932	N18	E62	6358	11	10.5	21	SF					38		F
	PALE	05	1911	1911	1919	N20	E64	6358	11	10.7	8	SF		3	E		15		
	HOLL	05	1919	1923	1930	N18	E63	6358	11	10.6	11	SF		3	E		66		F
	PALE	05	1922	1923	1930	N16	E61	6358	11	10.4	8	SF		3	E		44		F
	HOLL	05	1931	1934	1950	N18	E62	6358	11	10.5	19	SF		3	E		27		F
0051	HOLL	05	1936	1940	1946	S18	W06	6347	11	5.3	10	SF	C 1.5	3	E		16		
		05	2125		2136	No Flare Patrol													
0052	HOLL	05	2138E	2138U	2157	S20	W01	6347	11	5.8	19D	SF	C 1.7	3	E		52		F
		05	2213		2221	No Flare Patrol													
0053	HOLL	05	2233	2243	2246	S25	E02	6350	11	6.1	13	SF		3	E		18		
0054	HOLL	05	2238	2238	2252	N14	E59	6358	11	10.4	14	SF		3	E		17		
0055		05	2251*	2309S	2418	S24	E04	6350	11	6.3	87	2N	M 1.0				355	7.6	EFIJTU
	HOLL	05	2251	2310	2358D	S24	E03	6350	11	6.2	67D	2B	M 1.0	3	E		398		UE
	LEAR	05	2307	2309	2356	S25	E04	6350	11	6.3	49	2N	M 1.0	3	E		253		UF
	VORO	05	2311E	2314	2449	S22	E04	6350	11	6.3	98D	2F		2	C	2319	672	7.6	EIJT
	PALE	05	2327E	2328U	2410	S24	E03	6350	11	6.2	43D	SF		3	E		96		F
0056		05	2324S	2328	2336	S18	W08	6347	11	5.4	12	SF					46	0.8	EIJT
	VORO	05	2324	2328	2337	S17	W08	6347	11	5.4	13	SF		2	C	2328	72	0.8	EIJT
	LEAR	05	2327	2328	2335	S18	W09	6347	11	5.3	8	SF		3	E		20		
0057	PALE	05	2340	2343	2359D	N19	E62	6358	11	10.7	19D	SF		3	E		25		
0058	PALE	06	0010	0019	0026	N19	E62	6358	11	10.7	16	SF		3	E		12		
0059	MITK	06	0013E		0112	S21	W01	6350	11	5.9	59D	1F			C	0015	180	2.1	E
0060	PALE	06	0048	0050	0059	N19	E60	6358	11	10.6	11	SF		3	E		36		
0061	PEKG	06	0221	0230	0246	N16	W12	6355	11	5.2	25	SN			P	0230	105	1.1	E
0062	LEAR	06	0315	0315	0319	S24	E07	6356	11	6.7	4	SF		3	E		22		F
0063		06	04312	0436	0445	S18	W12	6347	11	5.3	14	SN	C 1.5				41	0.7	D
	PEKG	06	0431	0436	0445	S18	W11	6347	11	5.3	14	SB			P	0436	63	0.7	D
	LEAR	06	0433	0438U	0446D	S19	W12	6347	11	5.3	13D	SF	C 1.5	3	E		19		
0064		06	0627*	0655*	0706	N17	E54	6358	11	10.4	39	SF	C 1.3				35		KT
	SVTO	06	0627	0724	0724D	N15	E53	6358	11	10.3	57D	SF			E		74		TK
	LEAR	06	0654	0655	0659	N18	E53	6358	11	10.3	5	SF	C 1.3	3	E		21		
	LEAR	06	0704	0705	0712	N18	E55	6358	11	10.5	8	SF		3	E		10		

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																	Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0065		06	07281	07272	0744	S25	W05	6350		11	5.9	16	SN					65	1.5	EF
	PEKG	06	0727E	0727	0727D	S25	W05	6350		11	5.9	16D	SB			P	0727	126	1.5	E
	LEAR	06	0728	0729	0739	S25	W06	6350		11	5.8	11	SF		3	E		23		
	SVTO	06	0728	0729	0748	S25	W04	6350		11	6.0	20	SF		3	E		45		F
	KANZ	06	0729	0729	0746	S24	W04	6350		11	6.0	17	SF			V				
0066		06	07421	0743	0748	N18	E52	6358		11	10.3	6	SF					16		
	LEAR	06	0742	0743	0747	N18	E53	6358		11	10.3	5	SF		3	E		16		
	KANZ	06	0743	0743	0749	N18	E50	6358		11	10.1	6	SF			V				
0067		06	07406	07453	0751	N07	E78	6361		11	12.2	11	SF					95		AFH
	HTPR	06	0740	0745	0752	N06	E78	6361		11	12.1	12	SF			C				A
	SVTO	06	0742	0747	0752	N08	E77	6361		11	12.1	10	SF		3	E		95		H
	LEAR	06	0744	0746	0750	N08	E76	6361		11	12.0	6	SF		3	E		59		
	ABST	06	0745	0748	0750	N05	E80	6361		11	12.3	5	1F			C	0748	131		F
	KANZ	06	0746	0746	0749	N07	E78	6361		11	12.2	3	SN			V				
0068		06	07496	0749*	0810	S30	E74	6364		11	12.1	21	SN					23		
	SVTO	06	0749	0749	0800	S29	E74	6364		11	12.1	11	SF		3	E		23		
	HTPR	06	0755	0805	0820	S30	E73	6364		11	12.1	25	SN			C				
0069		06	0806*	0855	0859	N16	E54	6358		11	10.4	53	SF	C 3.2				71	1.8	D
	LEAR	06	0806	0815U	0853D	N18	E55	6358		11	10.5	47D	SF	C 3.2	2	E		37		
	ABST	06	0851	0855	0859	N15	E54	6358		11	10.4	8	SF			C	0855	105	1.8	D
0070	SVTO	06	0818	0836	0836D	N16	W16	6355		11	5.1	18D	SN			E		23		KT
0071	SVTO	06	0902	0906	0920	S20	W09	6347		11	5.7	18	SF		4	E		36		F
0072	SVTO	06	0914	0917	0922	S25	W05	6350		11	6.0	8	SF		4	E		17		
0073		06	0935	0950	1005	N18	E52	6358		11	10.3	30	SN					64	1.3	D
	HTPR	06	0935	0950	1005	N18	E53	6358		11	10.4	30	SN			C	0950	80	1.3	D
	LEAR	06	0937E	0939U	0949D	N17	E52	6358		11	10.3	12D	SF		2	E		47		
0074	HTPR	06	1001		1020	N05	E75	6361		11	12.0	19	SF			C				
0075		06	12019	1122*	1202	N18	E51	6358		11	10.4	1	SF	C 3.8				45		FT
	RAMY	06	1110E	1112U	1130	N19	E50	6358		11	10.3	20D	SF	C 3.8	2	E		63		F
	SVTO	06	1122E	1122	1200	N15	E53	6358		11	10.5	38D	SF		3	E		61		T
	RAMY	06	1201	1208	1210	N18	E51	6358		11	10.4	9	SF		3	E		24		F
	RAMY	06	1210	1217	1226	N18	E49	6358		11	10.2	16	SF		3	E		31		
0076		06	1154*	1149*	1216	N16	W16	6355		11	5.3	22	SF					38		FT
	SVTO	06	1149E	1149	1200D	N16	W16	6355		11	5.3	11D	SF		3	E		91		T
	RAMY	06	1154	1154	1211	N15	W16	6355		11	5.3	17	SF		3	E		11		
	RAMY	06	1216	1217	1220	N17	W16	6355		11	5.3	4	SF		3	E		13		F
0077	RAMY	06	1315	1315	1324	N17	E51	6358		11	10.4	9	SF		3	E		73		
		06	1334		1335	No Flare Patrol														
0078	RAMY	06	1405	1405	1416	S17	W18	6347		11	5.2	11	SF		3	E		15		
0079	RAMY	06	1410	1451	1508	N17	W18	6355		11	5.2	58	SF		3	E		17		F
0080	RAMY	06	1416	1418	1423	N19	E53	6358		11	10.6	7	SF		3	E		20		
0081		06	1431*	14397	1452	N19	E51	6358		11	10.5	21	SF					20		
	RAMY	06	1431	1439	1444	N19	E51	6358		11	10.5	13	SF		3	E		23		
	RAMY	06	1445	1446	1500	N19	E51	6358		11	10.5	15	SF		3	E		18		
0082		06	14491	1451	1508	N06	E70	6361		11	11.8	19	SF					36		
	HOLL	06	1449	1453U	1503D	N06	E70	6361		11	11.8	14D	SF		3	E		37		
	RAMY	06	1450	1451	1508	N05	E69	6361		11	11.8	18	SF		3	E		36		
0083	RAMY	06	1502	1506	1515	N19	E50	6358		11	10.4	13	SF	C 1.7	3	E		16		
0084	RAMY	06	1525	1527	1530	N17	W18	6355		11	5.3	5	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	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0085	RAMY	06	1526	1528	1530	N19	E51	6358	11	10.5	4	SF		3	E		14		
			06 1642		1804	No Flare Patrol													
0086	PALE	06	1804E	1810	1844D	S15	E04	6349	11	7.0	40D	SF		4	E		20		
0087	PALE	06	1804E	1812	1915D	N15	W21	6355	11	5.2	71D	SF		4	E		37		
0088	PALE	06	1823	1829	1844D	S29	E69	6364	11	12.2	21D	SF		4	E		12		
			06 2002		2029	No Flare Patrol													
0089		06	2041	2046*	2142D	N08	E68	6361	11	12.0	61D	2H M 3.1					365		EFK
	PALE	06	2041	2046	2142D	N08	E68	6361	11	12.0	61D	2B		E			478		K
	PALE	06	2041	2056	2142D	N08	E68	6361	11	12.0	61D	2B M 3.1	4	E			486		FE
	HOLL	06	2043E	2049U	2053D	N08	E67	6361	11	11.9	10D	1F		2	E		131		F
0090	PALE	06	2055	2056	2108	S13	E01	6349	11	6.9	13	SF		4	E		19		
0091	PALE	06	2057	2057U	2105	N08	E45	6362	11	10.2	8	SF		3	E		11		
0092	PALE	06	2101	2104	2141D	N16	W22	6355	11	5.2	40D	1F		4	E		117		FZ
			06 2113		2140	No Flare Patrol													
0093		06	2205	2210	2221	S16	E04	6363	11	7.2	16	SF					20		
	PALE	06	2205	2210	2220	S16	E05	6363	11	7.3	15	SF		3	E		20		
	LEAR	06	2210E	2210U	2222	S15	E02	6363	11	7.1	12D	SF		3	E		20		
			06 2307		2334	No Flare Patrol													
			06 2348		2355	No Flare Patrol													
0094	LEAR	07	0009	0023	0036	N17	E46	6358	11	10.5	27	SF		3	E		78		F
0095		07	0230	0235*	0300	N15	W26	6355	11	5.1	30	1N					112	1.4	E
	YUNN	07	0230	0235	0249	N15	W25	6355	11	5.2	19	SN		P			32	0.4	
	URUM	07	0230E	0247	0310	N15	W27	6355	11	5.1	40D	1N		C			193	2.3	E
0096	URUM	07	0402	0404	0415	N16	W29	6355	11	5.0	13	SN		C			145	1.7	D
0097	URUM	07	0415	0429	0448	N15	W29	6355	11	5.0	33	SN		C			161	1.9	D
0098	URUM	07	0448	0452	0550	N17	E41	6358	11	10.3	62	1N		C			193	2.7	E
0099	URUM	07	0452E	0452	0559	S15	W03	6349	11	7.0	67D	SN		C			145	1.6	E
0100	URUM	07	0530	0544	0559D	N15	W30	6355	11	4.9	29D	SN		C			145	1.8	D
0101		07	0632*	0636*	0713	N16	W29	6355	11	5.1	41	SF C 2.8					42	0.8	E
	LEAR	07	0632	0648	0706	N15	W29	6355	11	5.1	34	SF C 2.8	3	E			17		
	MITK	07	0634	0636	0655D	N17	W29	6355	11	5.1	21D	SF		C		0636			
	TACH	07	0656	0658	0720	N17	W30	6355	11	5.0	24	SN		1	C	0658	66	0.8	E
0102	TACH	07	0738	0744	0754	S17	E04	6363	11	7.6	16	1B		1	C	0744	423	4.6	U
0103	LEAR	07	0750	0751	0758	N17	E41	6358	11	10.4	8	SF		3	E		73		
0104		07	08149	08221	0832	S16	E48	6359	11	11.0	18	SN					78	1.2	
	YUNN	07	0814	0823	0823D	S18	E49	6359	11	11.1	9D	SN		P			96	1.6	
	HTPR	07	0817	0822	0833	S15	E47	6359	11	10.9	16	SN		C		0822	60	0.9	
	KANZ	07	0823	0823	0831	S16	E48	6359	11	11.0	8	SF		V					
0105	KANZ	07	0819	0819	0823	S18	W26	6347	11	5.4	4	SF		V					
0106	KANZ	07	0827	0827	0834	N15	W31	6355	11	5.0	7	SF		V					
0107	KANZ	07	0853	0856	0907	N15	W26	6355	11	5.4	14	SF		V					
0108	KANZ	07	0953	0953	1001	N15	W31	6355	11	5.1	8	SF		V					

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0109		07	11054	11093	1128	S16	E46	6359	11	10.9	23	SN					140	1.7	
	HTPR	07	1105	1112	1130	S15	E46	6359	11	10.9	25	SN			C	1112	140	1.7	
	KANZ	07	1109	1109	1125	S17	E47	6359	11	11.0	16	SF			V				
0110		07	1128	11322	1142	N16	W32	6355	11	5.0	14	SF	C 2.4				41		H
	RAMY	07	1123E	1134	1144	N17	W32	6355	11	5.0	210	SF	C 2.4	2	E		41		H
	KANZ	07	1128	1132	1139	N15	W32	6355	11	5.0	11	SF			V				
0111	KANZ	07	1139	1139	1150	N17	E37	6358	11	10.3	11	SF			V				
0112	RAMY	07	1156	1201	1210	N17	E39	6358	11	10.5	14	SF		3	E		22		F
0113	RAMY	07	1253	1255	1301	N17	W33	6355	11	5.0	8	SF		3	E		13		
0114		07	13032	13088	1321	S16	E44	6359	11	10.9	18	SF					69	1.7	FK
	HTPR	07	1303	1309	1320	S15	E46	6359	11	11.0	17	SN			C	1309	140	1.7	
	KANZ	07	1304	1308	1321	S15	E45	6359	11	10.9	17	SF			V				
	RAMY	07	1305	1310	1321	S16	E43	6359	11	10.8	16	SF			E		50		K
	RAMY	07	1305	1316	1321	S16	E43	6359	11	10.8	16	SF		3	E		16		F
0115		07	13041	13041	1309	N08	E68	6364A	11	12.6	5	SF	C 3.5				13		
	KANZ	07	1304	1304	1308	N08	E69	6364A	11	12.7	4	SF			V				
	RAMY	07	1305	1305	1310	N08	E66	6364A	11	12.5	5	SF	C 3.5	3	E		13		
0116	HTPR	07	1520		1537D	N10	W90	6343	10	31.9	170	SF			C				A
		07	1538		1626	No Flare Patrol													
0117	RAMY	07	1750	1752	1801	N08	E65	6364A	11	12.6	11	SF	C 8.9	3	E		36		
		07	1911		1915	No Flare Patrol													
		07	1924		1951	No Flare Patrol													
		07	2001		2009	No Flare Patrol													
		07	2028		2127	No Flare Patrol													
0118	PALE	07	2122	2124	2132	S05	W57	6345	11	3.6	10	SF		3	E		26		
0119		07	22211	2228	2237	S19	W34	6347	11	5.3	16	SF					30		
	PALE	07	2221	2228	2240	S19	W34	6347	11	5.3	19	SF		3	E		29		
	LEAR	07	2222	2228	2234	S19	W34	6347	11	5.3	12	SF		3	E		31		
0120	LEAR	07	2225	2229	2232	N15	W36	6355	11	5.2	7	SF	C 3.2	3	E		21		
0121	PALE	07	2243	2243	2550	S05	W57	6345	11	3.7	187	SF			E		33		T
0122	LEAR	08	0202	0204	0216	S22	W26	6350	11	6.1	14	SF	C 1.9	3	E		44		F
0123	LEAR	08	0257	0303	0314	S05	W60	6345	11	3.6	17	SF		3	E		19		
0124		08	02586	0311*	0438	S21	W31	6347	11	5.7	100	2N	C 7.5				386	8.1	F
	LEAR	08	0258	0311	0459	S22	W27	6347	11	6.0	121	1F	C 7.5	3	E		128		F
	URUM	08	0259	0335	0450	S22	W32	6347	11	5.7	111	2B			C		611	8.3	F
	MITK	08	0300	0325	0509	S20	W30	6347	11	5.8	129	2N			C	0325	490	6.4	F
	LEAR	08	0304	0328	0353	S19	W34	6347	11	5.5	49	SF		3	E		26		
	PEKG	08	0355E	0355	0420	S22	W33	6347	11	5.6	250	2N			P	0355	673	9.6	F
0125	LEAR	08	0325	0328	0330	S09	W65	6345	11	3.3	5	SF		3	E		20		
0126	LEAR	08	0337	0405	0412	N03	E49	6359B	11	11.8	35	SF		3	E		47		F
0127	TACH	08	0504	0506	0509	S16	W16	6363	11	7.0	5	SB		1	C	0506	51	0.6	E
0128		08	05461	05471	0610	N16	W42	6355	11	5.0	24	1B					162	2.3	TU
	TACH	08	0546	0547	0610	N17	W44	6355	11	4.9	24	1B			C	0547	163	2.4	UT
	YUNN	08	0547	0548	0549D	N14	W40	6355	11	5.2	20	1N			P		161	2.2	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/USAF		CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
								Region	Mo									Apparent (10-6 Disk)	Corr (Sq Deg)	
0129		08	0645*	0710*	0740	N17	W44	6355	11	4.9	55	1B						159	2.3	ETU
	URUM	08	0645	0715	0748	N16	W42	6355	11	5.1	63	1N				C		241	3.4	E
	TACH	08	0706	0710	0730	N17	W44	6355	11	4.9	24	1B			1	C	0710	204	3.0	UT
	HTPR	08	0709	0710	0725	N17	W44	6355	11	4.9	16	SN				C	0710	80	1.1	
	TACH	08	0741	0741	0755	N18	W44	6355	11	5.0	14	SB			1	C	0741	112	1.7	UT
0130		08	0750*	0806*	0858	N16	W43	6355	11	5.1	68	SN	C	2.1				128	2.3	DEK
	HTPR	08	0750	0806	0830	N17	W45	6355	11	4.9	40	SN				C	0806	60	0.8	
	URUM	08	0752	0811	0945	N16	W44	6355	11	5.0	113	1N				C		225	3.3	EK
	LEAR	08	0804	0806	0811	N16	W43	6355	11	5.1	7	SF	C	2.1	3	E		24		
	KANZ	08	0806	0806	0810	N15	W43	6355	11	5.1	4	SF				V				
	URUM	08	0828	0840	0910	N16	W42	6355	11	5.2	42	SN				C		145	2.0	D
	URUM	08	0830E	0830		N16	W44	6355	11	5.0		D	1N			C		161	2.3	EK
	HTPR	08	0850	0858	0935	N17	W44	6355	11	5.0	45	1N				C	0858	170	2.4	
	KANZ	08	0852	0904	0925	N15	W43	6355	11	5.1	33	SF				V				
	LEAR	08	0855	0908U	0917D	N15	W42	6355	11	5.2	220	SF	C	3.8	3	E		32		
	URUM	08	0902E	0902		N15	W43	6355	11	5.1		D	1N			C		209	3.0	EK
0131	HTPR	08	0818	0820	0845	S32	E50	6364	11	12.3	27	SF				C	0820	50	1.2	
0132		08	08263	08294	0840	S15	W18	6349	11	7.0	14	SF						48	0.8	E
	HTPR	08	0826	0830	0840	S15	W18	6349	11	7.0	14	SN				C	0830	70	0.8	E
	LEAR	08	0828	0829	0845	S15	W19	6349	11	6.9	17	SF			3	E		25		
	KANZ	08	0829	0833	0836	S15	W18	6349	11	7.0	7	SF				V				
0133	RAMY	08	1357	1400	1412	N10	E23	6362	11	10.3	15	SF			3	E		15		F
0134	RAMY	08	1443	1443	1451	N15	W45	6355	11	5.2	8	SF			3	E		17		
0135	HTPR	08	1450	1452	1502	S18	W41	6347	11	5.5	12	SF				C	1452	70	1.1	
0136		08	1510	15124	1606	N17	W46	6355	11	5.1	56	1B	M	1.6				138	3.0	F
	RAMY	08	1510	1516	1606	N17	W48	6355	11	5.0	56	SB	M	1.6	3	E		87		F
	HTPR	08	1511E	1512	1530D	N17	W45	6355	11	5.2	190	1N				C	1512	190	3.0	
0137	RAMY	08	1537	1541	1605	S14	W24	6349	11	6.8	28	SF			3	E		19		
		08	1655		1723	No Flare Patrol														
0138	HOLL	08	1740E	1742U	1805D	N15	W47	6355	11	5.2	25D	SF	C	2.0	1	E		45		F
0139		08	1827	1832	1836	N10	E21	6362	11	10.3	9	SF						44		
	HOLL	08	1807E	1812U	1843D	N11	E22	6362	11	10.4	36D	SF			2	E		68		
	RAMY	08	1827	1832	1836	N10	E20	6362	11	10.3	9	SF			3	E		19		
0140		08	1837*	18465	1901	N16	W49	6355	11	5.0	24	1N	C	1.4				86		H
	HOLL	08	1837	1846	1904	N16	W48	6355	11	5.1	27	1N	C	1.4	3	E		116		
	PALE	08	1848	1851	1858	N16	W50	6355	11	5.0	10	SF			3	E		56		H
0141	HOLL	08	1856E	1912U	1927	N06	E41	6361	11	11.8	31D	SF			2	E		36		F
0142	PALE	08	1941	1943	1953	N15	W50	6355	11	5.0	12	SF			3	E		13		
0143		08	1955	1955	2007	N17	E20	6358	11	10.3	12	SF	C	2.5				29		F
	HOLL	08	1955E	1955U	2007	N17	E20	6358	11	10.3	12D	SF	C	2.5	3	E		31		F
	PALE	08	1955	1955	2022D	N17	E20	6358	11	10.3	27D	SF	C	2.5	3	E		27		F
0144	HOLL	08	2106	2108	2128	S19	W46	6347	11	5.4	22	SF			3	E		60		
0145		08	21154	2119*	2212	N15	W48	6355	11	5.2	57	SF	C	2.6				55		F
	HOLL	08	2115	2119	2227	N15	W48	6355	11	5.2	72	SF	C	2.6	3	E		60		F
	PALE	08	2119	2133	2157	N15	W48	6355	11	5.2	38	SF			3	E		50		F
0146		08	2304	2305	2322	S20	W48	6347	11	5.3	18	SN	C	2.6				64		EH
	HOLL	08	2304	2305	2326	S19	W47	6347	11	5.4	22	SN	C	2.6	4	E		99		EH
	PALE	08	2313E	2313U	2318	S20	W49	6347	11	5.2	5D	SF			3	E		30		H
0147	PALE	08	2354	2403	2455D	N15	W52	6355	11	5.0	61D	1F	C	8.8	3	E		161		F

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt Xray	Obs See Type	Time (UT)	Area Measurement		Remarks	
														Apparent (10-6 Disk)	Corr (Sq Deg)		
0148	WATU	09	02463	0249*	0316	N06 E36	6359B	11	11.8	30	1N C 6.1			271	5.0	EFKU	
	PEKG	09	02466	0249	0321	N05 E35	6359B	11	11.7	35	1N	C	0249	170	2.2	F	
	LEAR	09	0249E	0250	0310	N08 E35	6359B	11	11.7	210	2F	P	0249	589	7.9	E	
	LEAR	09	0249	0251	0403D	N05 E36	6359B	11	11.8	74D	1N C 6.1	3	E	206		UF	
	LEAR	09	0249	0302	0403D	N05 E36	6359B	11	11.8	74D	1N	E		119		K	
0149	WATU	09	03314	03346	0352	S18 W53	6347	11	5.1	21	1B			147	2.6	D	
	PEKG	09	03331	0334	0359	S17 W52	6347	11	5.2	28	1N	C	0334	210	3.6		
	PEKG	09	0335	0340	0345	S18 W54	6347	11	5.0	10	SB	P	0340	84	1.5	D	
0150	PEKG	09	05073	05086	0527	S26 W40	6350	11	6.1	20	SN			124	2.5	D	
	LEAR	09	0507	0508	0514	S26 W41	6350	11	6.0	7	1F	P	0510	210	3.2	D	
	TACH	09	0510	0511	0527	S25 W39	6350	11	6.2	32	SF	2	E	46			
	TACH	09	0510	0511	0527	S26 W39	6350	11	6.2	17	SB	2	C	0511	117	1.8	D
0151	TACH	09	0612	0614	0634	N15 W52	6355	11	5.3	22	1B			114	2.0	D	
	URUM	09	0612E	0615U	0629	N14 W52	6355	11	5.3	17	SB	2	C	0614	36	0.7	D
	URUM	09	0613E	0615U	0638	N16 W53	6355	11	5.2	25D	1N	C		193	3.3	D	
0152	LEAR	09	0739	0741	0805D	N15 W54	6355	11	5.2	26D	SF	2	E	30			
0153	KANZ	09	0800*	0804*	0842	S21 W42	6356	11	6.1	42	SF			46		F	
	LEAR	09	0800	0812	0816	S22 W42	6356	11	6.1	16	SF	V					
	SVTO	09	0802	0806	0916	S21 W42	6356	11	6.1	74	SF	3	E	45		F	
	KANZ	09	0804	0804	0816	S17 W38	6356	11	6.4	12	SF	2	E	46		F	
	KANZ	09	0823	0834	0900	S23 W46	6356	11	5.8	37	SF	V					
0154	LEAR	09	08258	08371	0912	N15 W55	6355	11	5.2	47	SF C 3.6			50			
	SVTO	09	0833	0838	0915	N15 W55	6355	11	5.2	45	SF C 3.6	3	E	48			
	SVTO	09	0833	0838	0915	N15 W55	6355	11	5.2	42	SF C 3.6	3	E	52			
0155	LEAR	09	0907	0909	0915	S16 W32	6349	11	6.9	8	SF	2	E	10			
0156	LEAR	09	0943*	0946*	1020	N16 W55	6355	11	5.2	37	SF C 3						

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0168		09	2132*	2233*	2307	N16	W62	6355	11	5.2	95	SF					26		F
	HOLL	09	2132	2305	2316	N17	W61	6355	11	5.3	104	SF		3	E		28		F
	LEAR	09	2225	2233	2254	N16	W62	6355	11	5.2	29	SF		3	E		39		
	LEAR	09	2305	2305	2312	N16	W63	6355	11	5.2	7	SF		3	E		10		
0169		09	22205	22274	2243	S32	E32	6364	11	12.5	23	SF	C 1.6				13		
	LEAR	09	2220	2231	2242	S32	E30	6364	11	12.3	22	SF		3	E		13		
	HOLL	09	2225	2227	2244	S31	E34	6364	11	12.6	19	SF	C 1.6	3	E		13		
0170	LEAR	10	0153	0154	0201	N16	W66	6355	11	5.1	8	SF		3	E		19		
0171	PALE	10	0230	0234	0236	N15	W64	6355	11	5.2	6	SF		3	E		15		
0172	LEAR	10	0508	0512	0518	N16	W66	6355	11	5.2	10	SF		3	E		32		
0173		10	0532	05341	0551	S24	W53	6350	11	6.1	19	SN					44	0.8	E
	LEAR	10	0532	0534	0600	S24	W54	6350	11	6.0	28	SF		3	E		48		
	TACH	10	0532	0535	0542	S24	W52	6350	11	6.2	10	SN		2	C	0535	41	0.8	E
0174		10	05322	05361	0552	N08	E01	6362	11	10.3	20	SN	C 2.2				105	1.5	E
	TACH	10	0532	0536	0552	N09	E01	6362	11	10.3	20	SB		2	C	0536	143	1.5	E
	LEAR	10	0534	0537	0552	N07	E01	6362	11	10.3	18	SF	C 2.2	3	E		67		
0175		10	09233	0926*	0953	S31	E27	6364	11	12.5	30	SF	C 2.7				68		F
	LEAR	10	0923	0926	0959	S32	E25	6364	11	12.4	36	SF		3	E		89		
	SVTO	10	0923	0936	1000	S30	E26	6364	11	12.4	37	SF	C 2.7	3	E		47		F
	KANZ	10	0926	0926	0939	S31	E29	6364	11	12.7	13	SF			V				
0176	RAMY	10	1126	1131	1133	N16	W69	6355	11	5.2	7	SF		3	E		27		
0177		10	11542	12005	1243	N06	E17	6361	11	11.8	49	2B	C 6.4				228		F
	RAMY	10	1154	1200	1239	N05	E17	6361	11	11.8	45	2B	C 6.4	3	E		295		F
	KANZ	10	1156	1200	1241	N06	E17	6361	11	11.8	45	2B			V				
	SVTO	10	1156	1205	1248	N06	E17	6361	11	11.8	52	1N	C 6.4	3	E		162		F
0178	KANZ	10	1200	1203	1211	N04	E33	6364A	11	13.0	11	SF			V				
0179		10	1327	1334*	1357	S15	W49	6349	11	6.8	30	SF					28		K
	RAMY	10	1327	1334	1357	S15	W49	6349	11	6.8	30	SF			E		36		K
	RAMY	10	1327	1347	1357	S15	W49	6349	11	6.8	30	SF		3	E		19		
0180		10	1514*	1514*	1548	S22	W60	6350	11	6.0	34	SF					18		F
	HOLL	10	1514	1514	1543	S22	W59	6350	11	6.1	29	SF		3	E		13		F
	RAMY	10	1514	1534	1546	S22	W62	6350	11	5.9	32	SF		3	E		18		F
	HOLL	10	1544	1544	1554	S22	W60	6350	11	6.0	10	SF		3	E		23		F
0181		10	15291	15319	1552	S17	W66	6347	11	5.6	23	SF					24		
	HOLL	10	1529	1531	1540	S17	W65	6347	11	5.7	11	SF		3	E		28		
	HOLL	10	1530	1540	1604	S17	W66	6347	11	5.6	34	SF		3	E		20		
0182		10	18178	1821*	1835	N05	E14	6359B	11	11.8	18	SF					18		
	RAMY	10	1817	1821	1822	N05	E14	6359B	11	11.8	5	SF		3	E		19		
	RAMY	10	1824	1837	1844	N04	E14	6359B	11	11.8	20	SF		3	E		19		
	HOLL	10	1825	1826	1839	N05	E15	6359B	11	11.9	14	SF		3	E		17		
0183	PALE	10	1920	1921	1926	N15	W76	6355	11	5.0	6	SF	C 1.2	3	E		55		
0184		10	20062	2009	2016	N16	W73	6355	11	5.3	10	SF	C 1.4				23		
	HOLL	10	2006	2009	2023	N16	W71	6355	11	5.4	17	SF	C 1.4	3	E		25		
	PALE	10	2007	2009	2015	N15	W74	6355	11	5.2	8	SF		3	E		34		
	RAMY	10	2008	2009	2011	N17	W73	6355	11	5.3	3	SF		3	E		11		
0185		10	20268	2041*	2118	N16	W72	6355	11	5.4	52	SF	C 1.8				27		F
	HOLL	10	2026	2053	2118	N17	W70	6355	11	5.5	52	SF	C 1.8	3	E		23		F
	PALE	10	2034	2041	2052D	N16	W74	6355	11	5.2	180	SF		3	E		31		
0186	HOLL	10	2129	2130	2136	S31	E20	6364	11	12.5	7	SF		3	E		12		F
0187	HOLL	10	2152	2152	2158	N16	W75	6355	11	5.2	6	SF		3	E		10		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0188	HOLL	10	2320	2320	2325	N06	E14	6361	11	12.0	5	SF		3	E		13		F
0189		10	2335	2338	2357	S16	W55	6349	11	6.8	22	SF					56	1.9	EFJ
	MITK	10	2335	2338	2357	S15	W54	6349	11	6.9	22	SF			C	2338			
	VORO	10	2335	2338	2357	S16	W56	6349	11	6.7	22	SF		2	C	2338		1.9	EJ
	PALE	10	2335	2339	2356	S17	W54	6349	11	6.9	21	SF		3	E		38		F
	LEAR	10	2336	2340	2358	S16	W55	6349	11	6.8	22	SF		3	E		32		F
0190	VORO	10	2346	2350	2358	N05	W05	6359B	11	10.6	12	SF		2	C	2350	99	1.0	EIJT
0191	VORO	11	0029	0032	0046	N17	W80	6355	11	4.9	17	SF		2	C	0032	54		D
0192	VORO	11	0046	0048	0057	N07	E12	6361	11	11.9	11	SF		2	C	0048	143	1.5	DHIJT
0193	VORO	11	0116	0117	0122	N07	E12	6361	11	11.9	6	SF		2	C	0117	116	1.2	EHIJT
0194	VORO	11	0138	0139	0147	S17	W60	6349	11	6.5	9	SF		2	C	0139	90	1.9	DJ
0195		11	0146	0151	0159	N07	E11	6361	11	11.9	13	SN					76	0.8	EHIJT
	PURP	11	0146	0151	0159	N07	E10	6361	11	11.8	13	SB			C	0151	53	0.6	E
	VORO	11	0151	0154	0159	N07	E12	6361	11	12.0	8	SF		2	C	0154	99	1.0	EHIJT
0196	VORO	11	0232	0235	0239	N07	E12	6361	11	12.0	7	SF		2	C	0235	90	0.9	EHIJT
0197	VORO	11	0255	0258	0300D	N07	E12	6361	11	12.0	5D	SF		2	C	0258	125	1.3	EHIJT
0198	LEAR	11	0332	0350	0357	N04	E08	6359B	11	11.7	25	SF		3	E		21		
0199		11	0551	0555	0601	N05	E07	6359B	11	11.8	10	SN					33	0.5	D
	URUM	11	0551	0555	0600	N05	E07	6359B	11	11.8	9	SN			C		48	0.5	D
	LEAR	11	0554	0558	0602	N05	E07	6359B	11	11.8	8	SF		3	E		18		
0200	RAMY	11	1123	1126	1134	N09	W16	6362	11	10.3	11	SF		3	E		12		
0201	RAMY	11	1148	1150	1207	S32	E14	6364	11	12.6	19	SF		3	E		15		
0202	RAMY	11	1231	1243	1301	S32	E13	6364	11	12.5	30	SF		3	E		11		
0203		11	1303	1308	1341	S32	E10	6364	11	12.3	38	SF					12		K
	RAMY	11	1303	1308	1341	S32	E10	6364	11	12.3	38	SF			E		15		K
	RAMY	11	1303	1317	1341	S32	E10	6364	11	12.3	38	SF		3	E		10		
0204	RAMY	11	1352	1355	1421	S31	E10	6364	11	12.4	29	SF		3	E		17		F
0205	RAMY	11	1357	1357	1401	N07	E02	6361	11	11.7	4	SF		3	E		18		
0206	RAMY	11	1408	1409	1414	N10	W15	6362	11	10.5	6	SF		3	E		22		
0207		11	1427	1431	1452	S32	E11	6364	11	12.5	25	SF	C 2.3				72		F
	RAMY	11	1427	1431	1508	S32	E11	6364	11	12.5	41	1F	C 2.3	3	E		117		F
	SVTO	11	1428	1431	1437	S32	E11	6364	11	12.5	9	SF	C 2.3	3	E		40		F
	HOLL	11	1428	1431	1451	S32	E11	6364	11	12.5	23	SF	C 2.3	3	E		59		F
0208		11	1437	1439	1500	N07	E02	6361	11	11.7	23	SF					31		F
	HOLL	11	1437	1439	1458	N07	E02	6361	11	11.7	21	SF		3	E		30		F
	RAMY	11	1437	1439	1503	N07	E02	6361	11	11.7	26	SF		3	E		32		
0209	RAMY	11	1601	1602	1610	N07	E01	6361	11	11.7	9	SF		3	E		10		
0210	RAMY	11	1607	1613	1619	S31	E07	6364	11	12.2	12	SF		3	E		21		
0211		11	1615*	1623*	1649	N08	E01	6361	11	11.7	34	SF					31		FHK
	HOLL	11	1615	1623	1640	N08	E01	6361	11	11.7	25	SF			E		41		K
	HOLL	11	1615	1631	1640	N08	E01	6361	11	11.7	25	SF		3	E		25		
	RAMY	11	1615	1632	1658	N08	E01	6361	11	11.7	43	SF			E		18		K
	RAMY	11	1615	1644	1658	N08	E01	6361	11	11.7	43	SF		3	E		46		F
	HOLL	11	1644	1644	1651	N08	E02	6361	11	11.8	7	SF		3	E		23		H
0212	HOLL	11	1845	1854	1914	N06	E01	6361	11	11.8	29	SF		3	E		25		

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Grp #	Sta	Start Day	Max (UT)	End (UT)	NOAA/ USAF			CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
					Lat	CMD	Region								Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0213		11 1930*	1946	1958	S31	E08	6364	11	12.4	28	SF					33		
	HOLL	11 1930	1946	1957	S30	E06	6364	11	12.3	27	SF	3	E			26		
	PALE	11 1942	1946	1959	S32	E09	6364	11	12.5	17	SF	3	E			40		
0214	HOLL	11 1944	1948	1955	N07	W01	6361	11	11.7	11	SF		3	E		30		
0215	HOLL	11 2000	2002	2014	N07	E01	6361	11	11.9	14	SF		3	E		19		
0216		11 20184	2025	2044	S32	E08	6364	11	12.5	26	SF C 1.8					30		F
	PALE	11 2018	2025	2033	S33	E10	6364	11	12.6	15	SF	3	E			32		F
	HOLL	11 2022	2025	2054	S32	E07	6364	11	12.4	32	SF C 1.8	3	E			27		
0217		11 2044*	2047*	2116	N07	W01	6361	11	11.8	32	SF C 2.6					55		K
	HOLL	11 2044	2047	2117	N07	E00	6361	11	11.9	33	SF		E			11		K
	HOLL	11 2044	2059	2117	N07	E00	6361	11	11.9	33	1N C 2.6	3	E			103		
	PALE	11 2056	2102	2114	N07	W03	6361	11	11.6	18	SF	3	E			51		
0218	HOLL	11 2139	2140	2144	S32	E09	6364	11	12.6	5	SF		3	E		25		
0219		11 2153*	22012	2222	N08	W02	6361	11	11.8	29	SF C 9.8					65		EFH
	HOLL	11 2153	2201	2217	N07	W02	6361	11	11.8	24	SN C 9.8	3	E			97		EH
	LEAR	11 2202E	2203	2237	N08	W03	6361	11	11.7	35D	SF	3	E			41		FH
	PALE	11 2203	2203	2213	N08	W02	6361	11	11.8	10	SF	3	E			57		
0220	HOLL	11 2202	2202	2213	N13	W15	6359C	11	10.8	11	SF		3	E		21		
0221		11 2231*	2243*	2322	S33	E06	6364	11	12.4	51	SF C 2.5					24		FK
	LEAR	11 2231	2243	2323	S33	E06	6364	11	12.4	52	SF		E			12		K
	LEAR	11 2231	2254	2323	S33	E06	6364	11	12.4	52	SF C 2.5	3	E			32		F
	HOLL	11 2253	2254	2319	S32	E06	6364	11	12.4	26	SF C 2.5	3	E			28		F
0222	LEAR	12 0006	0012	0023	N08	W02	6361	11	11.8	17	SF C 3.3	3	E			66		
0223		12 01452	0149	0203	N07	W06	6361	11	11.6	18	SN C 2.3					151	2.5	D
	PEKG	12 0145	0149	0158	N07	W06	6361	11	11.6	13	1F		P	0149	420	4.4	D	
	LEAR	12 0147	0149	0201	N06	W06	6361	11	11.6	14	SF C 2.3	3	E			58		
	PURP	12 0151E	0151U	0155D	N08	W05	6361	11	11.7	40	SB		P	0151	60	0.6		
	PALE	12 0153E	0153U	0211	N07	W06	6361	11	11.6	18D	SF	3	E			67		
0224		12 0210	0211	0215	S30	E05	6364	11	12.5	5	SF					26		
	PALE	12 0153E	0201U	0212	S30	E06	6364	11	12.5	19D	SF	3	E			35		
	LEAR	12 0210	0211	0218	S31	E04	6364	11	12.4	8	SF	3	E			17		
0225		12 02261	02281	0232	N08	W06	6361	11	11.6	6	SF					48	0.9	D
	LEAR	12 0226	0229	0233	N07	W06	6361	11	11.6	7	SF	3	E			13		
	PEKG	12 0227	0228	0230	N08	W05	6361	11	11.7	3	SF		C	0228	84	0.9	D	
0226	LEAR	12 0302	0308	0327	S30	E01	6364	11	12.2	25	SF	3	E			21		F
0227		12 0332	03341	0341	N07	W02	6361	11	12.0	9	SN					48	0.8	EF
	LEAR	12 0332	0335	0337	N07	W02	6361	11	12.0	5	SF	3	E			16		F
	URUM	12 0334E	0334	0345	N07	W01	6361	11	12.1	11D	SN		C			80	0.8	E
0228		12 04505	04552	0512	S25	W13	6369	11	11.2	22	1N					314	6.7	EF
	WATU	12 0450	0455	0515	S25	W12	6369	11	11.3	25	1N		C	0455	350	4.2	F	
	PEKG	12 0450	0457	0505	S26	W12	6369	11	11.3	15	2N		P	0457	757	9.2	EF	
	LEAR	12 0455	0455	0509	S22	W15	6369	11	11.0	14	SF	3	E			30		
	LEAR	12 0456E	0457U	0521	S26	W12	6369	11	11.3	25D	1F	3	E			121		F
0229		12 0510*	0510*	0525	N07	W06	6361	11	11.8	15	SF C 3.1					32		H
	LEAR	12 0510	0510	0518	N08	W05	6361	11	11.8	8	SF C 3.1	3	E			52		
	LEAR	12 0522	0529	0532	N06	W08	6361	11	11.6	10	SF	3	E			12		H
0230		12 06054	0610*	0621	N07	W07	6361	11	11.7	16	SN					59	0.8	DE
	URUM	12 0605	0610	0624	N07	W09	6361	11	11.6	19	SN		C			113	1.2	E
	PURP	12 0606	0611	0624	N08	W09	6361	11	11.6	18	SN		C	0611	26	0.3		
	LEAR	12 0606	0620	0626	N07	W03	6361	11	12.0	20	SF	3	E			14		
	PEKG	12 0609	0610	0611	N07	W08	6361	11	11.6	2	SF		P	0610	84	0.9	D	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CHP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks	
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0231		12	08004	08096	0825	N09	W28	6362	11	10.2	25	SN							D	
	BUCA	12	0800	0809	0830	N09	W28	6362	11	10.2	30	SN			P	0809	48	0.6	D	
	URUM	12	0804	0815	0820	N09	W28	6362	11	10.2	16	SF			C		64	0.8	D	
																	32	0.4	D	
0232		12	0815	0820	0835	S32	E02	6364	11	12.5	20	SF						34	0.4	E
	URUM	12	0815	0820	0835	S32	E01	6364	11	12.4	20	SF			C		32	0.4	E	
	LEAR	12	0817E	0818U	0835	S32	E02	6364	11	12.5	180	SF		3	E		37			
0233	ISTA	12	1034		1041	S32	E02	6364	11	12.6	7	SN							E	
0234		12	12549	1255*	1317	N07	W10	6361	11	11.8	23	SF						30	0.4	F
	RAMY	12	1254	1255	1321	N06	W08	6361	11	11.9	27	SF		3	E		20		F	
	KANZ	12	1303	1307	1314	N06	W12	6361	11	11.6	11	SF			V					
	HTPR	12	1305E	1308	1315	N08	W10	6361	11	11.8	100	SF			C	1308	40	0.4		
0235	RAMY	12	1424	1425U	1439	S33	E00	6364	11	12.6	15	SF		2	E		17		F	
0236	RAMY	12	1607	1609	1613	N07	W08	6361	11	12.1	6	SF		3	E		22			
0237		12	1632*	16377	1703	N07	W09	6361	11	12.0	31	SN	C 3.1				66		EFK	
	RAMY	12	1632	1637	1709	N07	W09	6361	11	12.0	37	SN			E		15		K	
	RAMY	12	1632	1644	1709	N07	W09	6361	11	12.0	37	1N	C 3.1	3	E		109		F	
	HOLL	12	1642	1644	1651	N07	W09	6361	11	12.0	9	SN	C 3.1	3	E		75		FE	
0238		12	17081	17103	1730	S33	W01	6364	11	12.6	22	SF					32		FK	
	HOLL	12	1708	1710	1733	S33	W01	6364	11	12.6	25	SF			E		42		K	
	HOLL	12	1708	1713	1733	S33	W01	6364	11	12.6	25	SF		4	E		35			
	RAMY	12	1709	1713	1725	S33	W02	6364	11	12.5	16	SF		3	E		20		F	
0239	HOLL	12	1908	1908	1914	N07	W11	6361	11	12.0	6	SF	C 2.2	3	E		10			
0240		12	19201	1921*	1943	N09	W12	6361	11	11.9	23	SN	C 6.9				73		FHK	
	HOLL	12	1920	1921	1949	N09	W12	6361	11	11.9	29	SN	C 6.9	3	E		99		H	
	HOLL	12	1920	1942	1949	N09	W12	6361	11	11.9	29	SB			E		42		K	
	RAMY	12	1921	1922	1930	N09	W12	6361	11	11.9	9	SN		3	E		77		FH	
0241		12	1922	1922	1938	N10	W28	6362	11	10.7	16	SF					22			
	RAMY	12	1922	1922	1930	N08	W30	6362	11	10.5	8	SF		3	E		19			
	HOLL	12	1922	1922	1946	N11	W25	6362	11	10.9	24	SF		3	E		24			
0242	HOLL	12	1959	2013	2015	N07	W11	6361	11	12.0	16	SF		3	E		12			
		12	2035		2043	No Flare Patrol														
0243	HOLL	12	2128	2128	2138	S27	W11	6364	11	12.0	10	SF	C 1.7	3	E		12			
0244		12	2346	2347	2356	N07	W19	6361	11	11.6	10	SF	C 1.5				66	1.2	E1JT	
	LEAR	12	2346	2347	2356	N07	W19	6361	11	11.6	10	SF	C 1.5	3	E		23			
	VORO	12	2346	2347	2357	N07	W19	6361	11	11.6	11	SF		2	C	2347	108	1.2	E1JT	
0245		13	0122*	01367	0155	N10	W39	6362	11	10.1	33	SF					54	1.0	EHIJT	
	VORO	13	0122	0124U	0159	N11	W38	6362	11	10.2	37	SF		2	C	0124	116	1.5	EHIJT	
	VORO	13	0122	0136	0159	N11	W38	6362	11	10.2	37	SF		2	C					
	YUNN	13	0136E	0137U	0152	N12	W43	6362	11	9.8	160	SN			P	0137	32	0.5		
	LEAR	13	0138	0143	0150	N08	W38	6362	11	10.2	12	SF		3	E		15			
0246		13	0432*	04359	0454	N08	W19	6361	11	11.8	22	SN	M 1.6				78	1.2	EK	
	LEAR	13	0432	0435	0455	N08	W19	6361	11	11.8	23	SN			E		30		K	
	LEAR	13	0432	0444	0455	N08	W19	6361	11	11.8	23	SN	M 1.6	3	E		93		E	
	WATU	13	0443	0444	0452	N09	W18	6361	11	11.8	9	SN			C	0444	110	1.2		
0247	URUM	13	0550	0556	0602	S33	W19	6364C	11	11.7	12	SF			C		16	0.2	D	
0248	URUM	13	0556	0558	0620	N08	W20	6361	11	11.7	24	SF			C		32	0.4	D	
0249		13	07281	07311	0738	N08	W20	6361	11	11.8	10	SF	C 2.7				56	0.7		
	LEAR	13	0728	0731	0737	N08	W20	6361	11	11.8	9	SF	C 2.7	3	E		47			
	KANZ	13	0728	0732	0739	N09	W19	6361	11	11.9	11	SF			V					
	YUNN	13	0729	0731	0738	N07	W22	6361	11	11.7	9	SN			C		64	0.7		

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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		Remarks
															Apparent (10-6 Disk)	Corr (Sq Deg)	
0250		13	11163	11299	1238	N10	W42	6362	11	10.3	82	1F C 7.2			163	2.4	FK
	HTPR	13	1116	1135	1215	N10	W45	6362	11	10.1	59	1N	C	1135	170	2.4	
	KANZ	13	1117	1137	1255	N09	W41	6362	11	10.4	98	1F	V				
	RAMY	13	1119	1129	1233	N09	W40	6362	11	10.5	74	1F	E		138		K
	RAMY	13	1119	1130	1253	N12	W43	6362	11	10.2	94	1F C 7.2	3	E	219		F
	RAMY	13	1119	1138	1233	N09	W40	6362	11	10.5	74	1F	3	E	126		
0251		13	12376	1245	1251	N07	W26	6359B	11	11.6	14	SF			30	0.3	E
	KANZ	13	1237	1245	1251	N06	W25	6359B	11	11.6	14	SF	V				
	HTPR	13	1243	1245	1253D	N08	W27	6359B	11	11.5	100	SF	C	1245	30	0.3	E
0252		13	1255	1304	1347	N10	W10	6364A	11	12.8	52	1F C 2.9			143	1.6	FU
	KANZ	13	1255	1304	1346	N10	W09	6364A	11	12.9	51	1F	V				
	RAMY	13	1259E	1304	1348	N10	W10	6364A	11	12.8	49D	1F C 2.9	3	E	126		F
	HTPR	13	1310E		1321D	N10	W10	6364A	11	12.8	11D	SH	C	1310	160	1.6	U
0253		13	13481	13485	1358	S32	W23	6364C	11	11.7	10	SF			14		
	RAMY	13	1348	1348	1356	S32	W24	6364C	11	11.7	8	SF	3	E	14		
	KANZ	13	1349	1353	1400	S31	W22	6364C	11	11.8	11	SF	V				
0254		13	1639*	1645*	1720	N07	W22	6361	11	12.0	41	SF C 1.3			22		FK
	HOLL	13	1639	1645	1722	N07	W22	6361	11	12.0	43	SF	E		11		K
	HOLL	13	1639	1701	1722	N07	W22	6361	11	12.0	43	SF C 1.3	3	E	27		F
	RAMY	13	1651	1658	1715	N07	W23	6361	11	12.0	24	SF	3	E	27		
0255	HOLL	13	1958	2000	2004	S27	W36	6369	11	11.0	6	SF	3	E	17		F
0256	HOLL	13	2000	2000	2009	S31	W26	6364C	11	11.8	9	SF	3	E	14		
0257		13	20101	20121	2035	S23	E08	6366	11	14.4	25	SF			26		F
	HOLL	13	2010	2012	2044	S23	E08	6366	11	14.4	34	SF	3	E	32		F
	RAMY	13	2011	2013	2026	S23	E08	6366	11	14.4	15	SF	3	E	19		F
0258		13	20428	2050	2059	N07	W24	6361	11	12.1	17	SF			18		F
	RAMY	13	2042	2050	2102	N07	W25	6361	11	12.0	20	SF	3	E	19		
	HOLL	13	2050	2050	2056	N07	W24	6361	11	12.1	6	SF	3	E	18		F
0259	HOLL	13	2134	2137	2145	N12	E74	6368	11	19.5	11	SF	3	E	16		
0260	HOLL	13	2200	2200	2205	N17	E79	6368	11	19.9	5	SF	3	E	13		
0261	HOLL	13	2306	2314	2325	N18	W45	6358	11	10.5	19	SF	3	E	28		F
0262	LEAR	13	2316	2321	2331	N14	E79	6368	11	19.9	15	SF C 2.5	3	E	76		F
		14	0024		0029	No Flare Patrol											
0263	LEAR	14	0524	0524	0532	S21	W01	6366	11	14.1	8	SF C 1.7	3	E	12		H
0264	LEAR	14	0533	0535	0540	N06	W28	6361	11	12.1	7	SF C 1.9	3	E	13		
0265		14	0536*	0537*	0553	N18	E78	6368	11	20.2	17	SF C 1.7			20		F
	LEAR	14	0536	0537	0547	N17	E79	6368	11	20.2	11	SF	3	E	12		F
	LEAR	14	0549	0556	0559	N18	E78	6368	11	20.2	10	SF C 1.7	3	E	29		
0266	LEAR	14	0637	0637	0648	N18	E79	6368	11	20.3	11	SF	3	E	18		
0267	LEAR	14	0654	0659	0702	N17	E78	6368	11	20.2	8	SF C 1.9	3	E	11		
0268	ISTA	14	0740		0939D	N20	E75	6368	11	20.0	119D	1N					I
0269		14	07446	07502	0802	S20	W01	6366	11	14.2	18	1N C 2.3			110	2.2	DEF
	ISTA	14	0744		0804	S20	W01	6366	11	14.2	20	1B					D
	ABST	14	0748	0750	0803	S20	W01	6366	11	14.2	15	1N	C	0750	192	2.2	E
	LEAR	14	0749	0752	0802	S21	W02	6366	11	14.2	13	SF C 2.3	3	E	27		F
	KANZ	14	0750	0750	0801	S21	W01	6366	11	14.2	11	SF	C				
0270	ISTA	14	0846		0851	S20	W01	6366	11	14.3	5	1B					E

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CND	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0271	14	0856	0855U	0900	N08	W33	6361	11	11.9	4	SN						87	1.1	D
	ABST	14	0855E	0900	N09	W34	6361	11	11.8	5D	SN			P		0855	87	1.1	D
	KANZ	14	0855E	0855U	0859	N08	W32	6361	11	12.0	4D	SF		V					
	ISTA	14	0856		0900	N08	W34	6361	11	11.8	4	1B							D
0272	14	09252	09301	0940	S22	E00	6366	11	14.4	15	SN	C 3.0					73		U
	ISTA	14	0925	0939	S20	W01	6366	11	14.3	14	1B								U
	LEAR	14	0925	0930	0942	S24	E00	6366	11	14.4	17	SF	C 3.0	3	E		73		
	KANZ	14	0927	0931	0938	S23	E02	6366	11	14.5	11	SF			V				
0273	LEAR	14	0958	0958	1003	N17	E72	6368	11	19.9	5	SF		3	E		25		
0274	RAMY	14	1138	1147	1155	N19	E77	6368	11	20.4	17	SF		3	E		21		F
0275	14	1222	1226*	1245	N18	E76	6368	11	20.3	23	SF						23		FK
	RAMY	14	1222	1226	1245	N18	E76	6368	11	20.3	23	SF			E		20		K
	RAMY	14	1222	1238	1245	N18	E76	6368	11	20.3	23	SF		4	E		26		F
0276	RAMY	14	1424	1435	1502	S21	W05	6366	11	14.2	38	SF		3	E		40		F
0277	RAMY	14	1441	1446	1450	N17	E75	6368	11	20.3	9	SF		3	E		12		F
0278	14	16249	16269	1649	S20	W06	6366	11	14.2	25	SN	C 1.6					21		
	RAMY	14	1624	1626	1631	S20	W05	6366	11	14.3	7	SF	C 1.6	3	E		18		
	RAMY	14	1633	1635	1707	S20	W06	6366	11	14.2	34	SN	C 2.4	3	E		24		
0279	14	17213	17272	1749	S22	W04	6366	11	14.4	28	SN	C 2.3					31		F
	RAMY	14	1721	1727	1747	S21	W06	6366	11	14.3	26	SN		3	E		32		F
	HOLL	14	1724	1729	1751	S22	W02	6366	11	14.6	27	SF	C 2.3	3	E		30		
0280	HOLL	14	1724	1730	1740	N18	W57	6358	11	10.4	16	SF		3	E		16		
0281	RAMY	14	1738	1746	1756	N06	W36	6361	11	12.0	18	SF		3	E		28		F
0282	14	18322	1835	1843	S21	W06	6366	11	14.3	11	SF						12		F
	HOLL	14	1832	1835	1844	S21	W05	6366	11	14.4	12	SF		3	E		13		F
	RAMY	14	1834	1835	1842	S21	W06	6366	11	14.3	8	SF		3	E		11		F
0283	HOLL	14	1844	1845	1902	N16	W58	6358	11	10.4	18	SF		3	E		14		F
0284	14	18482	1851	1901	S20	W06	6366	11	14.3	13	SF						18		F
	HOLL	14	1848	1851	1901	S20	W06	6366	11	14.3	13	SF		3	E		21		F
	RAMY	14	1850	1851	1901	S21	W07	6366	11	14.2	11	SF		3	E		15		F
0285	RAMY	14	1952	1952	2002	S21	W07	6366	11	14.3	10	SF	C 1.9	3	E		18		F
0286	HOLL	14	1954	1957	2008	N18	E73	6368	11	20.4	14	SF		3	E		25		
0287	HOLL	14	2050	2055	2120	N15	W58	6358	11	10.5	30	SF	C 2.0	3	E		17		F
0288	HOLL	14	2053	2057	2105	N21	E69	6368	11	20.2	12	SF		3	E		13		F
0289	HOLL	14	2059	2102	2124	N07	W37	6361	11	12.1	25	SF		3	E		24		F
0290	HOLL	14	2124	2125	2153	N16	W57	6358	11	10.6	29	SF		3	E		19		F
0291	HOLL	14	2227	2229	2244	S21	W07	6366	11	14.4	17	SF		3	E		11		F
0292	HOLL	14	2315	2321	2332	S21	W08	6366	11	14.3	17	SF		3	E		12		F
0293	VORO	15	0136U	0236U	0241	S32	W39	6364	11	12.0	65U	SF		2	C	0236	99	1.6	D
0294	15	02503	02542	0310	S20	W11	6366	11	14.3	20	SF	C 3.0					74	1.0	DJT
	WATU	15	0250	0256	0315	S20	W12	6366	11	14.2	25	SF			C	0256	80	0.9	
	VORO	15	0251	0254	0258D	S20	W11	6366	11	14.3	7D	SF		2	C	0254	90	1.0	DJT
	LEAR	15	0253	0254	0304	S21	W11	6366	11	14.3	11	SF	C 3.0	3	E		51		
0295	15	0524	05262	0546	N19	W62	6358	11	10.5	22	1N	C 5.6					174		U
	LEAR	15	0524	0526	0547	N19	W64	6358	11	10.3	23	1F	C 5.6	3	E		103		
	TACH	15	0524	0528	0546	N19	W61	6358	11	10.6	22	1B		3	C	0528	244		U

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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		Remarks
																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0296	LEAR	15	0626	0629	0633	N17	E63	6368	11	20.0	7	SF		3	E		24		F
0297		15	0657*	0658*	0822	S21	W14	6366	11	14.2	85	SN	C 3.2				88	1.5	EFK
	LEAR	15	0657	0658	0702	S20	W14	6366	11	14.2	5	SF		3	E		20		
	YUNN	15	0707	0717	0728	S22	W15	6366	11	14.1	21	SN			C		48	0.6	
	ISTA	15	0725		0810	S21	W14	6366	11	14.2	45	SB							KF
	ABST	15	0734	0752	0854	S20	W14	6366	11	14.2	80	SN			C	0752	140	1.9	F
	LEAR	15	0738	0749	0855	S22	W13	6366	11	14.3	77	SF	C 3.2	3	E		45		
	LEAR	15	0738	0832	0855	S22	W13	6366	11	14.3	77	SN			E		51		K
	YUNN	15	0751E	0759U	0810D	S20	W16	6366	11	14.1	19D	SN			P	0759	48	0.6	
	ISTA	15	0825	0830	0840	S21	W15	6366	11	14.2	15	SB							EK
	YUNN	15	0832	0834	0849	S20	W18	6366	11	14.0	17	1N			C		193	2.3	
	BUCA	15	0838E	0840U	0900D	S22	W13	6366	11	14.4	22D	SN			P	0840	161	1.9	E
0298	BUCA	15	0850	0852	0858	N07	W43	6361	11	12.1	8	SN			C	0852	54	0.8	D
0299	LEAR	15	0914	0916	0928	N18	E65	6368	11	20.3	14	SF		3	E		33		F
0300	LEAR	15	0929	0930	0942	N15	E59	6368	11	19.9	13	SF		3	E		28		
0301	HTPR	15	1108	1119	1145	N19	E62	6368	11	20.2	37	SF			C	1119	40	1.0	
0302	HTPR	15	1243	1246	1325	S20	W15	6366	11	14.4	42	SF			C	1246	60	0.7	
0303		15	1427	1435	1458	S21	W16	6366	11	14.4	31	SF	C 2.0				40		F
	RAMY	15	1427	1435	1459	S21	W17	6366	11	14.3	32	SF	C 2.0	4	E		28		F
	HOLL	15	1432E	1433U	1457	S21	W16	6366	11	14.4	25D	SF		2	E		51		F
0304	HOLL	15	1459	1501	1513	S33	W37	6364	11	12.7	14	SF		3	E		14		
0305		15	1511	15139	1547	N18	E59	6368	11	20.1	36	SF	C 6.2				30		F
	RAMY	15	1511	1513	1538	N18	E60	6368	11	20.2	27	SF		3	E		22		F
	HOLL	15	1511	1522	1556	N19	E58	6368	11	20.0	45	SF	C 6.2	3	E		38		F
0306	RAMY	15	1614	1615	1618	S20	W20	6366	11	14.1	4	SF		3	E		16		F
		15	1655		1659	No Flare Patrol													
0307		15	1846	18461	1852	S21	W20	6366	11	14.2	6	SF					18		F
	PALE	15	1846	1846	1854	S21	W20	6366	11	14.2	8	SF		3	E		21		F
	HOLL	15	1846	1847	1851	S21	W19	6366	11	14.3	5	SF		3	E		15		F
0308	PALE	15	1945	1945	1952	N19	E60	6368	11	20.4	7	SF	C 2.1	3	E		19		
0309	HOLL	15	2040	2044	2054	N17	E52	6368	11	19.8	14	SF	C 2.6	3	E		37		F
0310	HOLL	15	2121	2122	2142	N16	E51	6368	11	19.7	21	SN	C 6.6	4	E		58		EF
0311	LEAR	15	2206	2212	2215	N18	E57	6368	11	20.3	9	SF		3	E		27		
0312	LEAR	15	2309	2314	2326	S20	W23	6366	11	14.2	17	SF		3	E		10		
0313		15	23203	23241	2338	N18	E56	6368	11	20.2	18	SF					26		F
	LEAR	15	2320	2325	2340	N17	E55	6368	11	20.1	20	SF		3	E		31		
	HOLL	15	2323	2324	2336	N18	E56	6368	11	20.2	13	SF		3	E		20		F
0314		16	0023	0027*	0059	N19	E42	6368	11	19.2	36	SF					62		FK
	LEAR	16	0023	0027	0059	N19	E42	6368	11	19.2	36	SF			E		58		K
	LEAR	16	0023	0039	0059	N19	E42	6368	11	19.2	36	SF		3	E		67		F
0315	LEAR	16	0147	0147	0154	N15	E45	6368	11	19.5	7	SF		3	E		22		
0316		16	0203*	0211*	0311	N18	E51	6368	11	20.0	68	SF	C 7.7				82		K
	LEAR	16	0203	0211	0311	N17	E52	6368	11	20.0	68	SF			E		59		K
	LEAR	16	0203	0223	0311	N17	E52	6368	11	20.0	68	SF	C 7.7	3	E		81		
	PALE	16	0225	0229	0239D	N19	E50	6368	11	19.9	14D	1F		3	E		106		
0317	PALE	16	0231	0231	0236	S22	W22	6366	11	14.4	5	SF		3	E		18		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	(Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0318	URUM	16	0320	0330	0352	S21	W26	6366	11	14.1	32	SF			C		48	0.6	E
0319		16	03306	03334	0341	N18	E41	6368	11	19.3	11	SN					26	0.5	D
	URUM	16	0330	0333	0340	N18	E41	6368	11	19.3	10	SN			C		32	0.5	D
	LEAR	16	0336	0337	0342	N17	E41	6368	11	19.3	6	SF		3	E		19		
0320	URUM	16	0350	0354	0400	N17	E41	6368	11	19.3	10	SN			C		64	0.9	D
0321	LEAR	16	0355	0358	0405	N19	E49	6368	11	19.9	10	SF	C 3.2	3	E		78		F
0322	URUM	16	0432	0451	0540	S22	W27	6366	11	14.1	68	SN			C		48	0.6	E
0323	LEAR	16	0446	0446	0450	N19	E55	6368	11	20.4	4	SF		3	E		22		
0324		16	05409	05436	0551	N17	E46	6368	11	19.7	11	SN	C 1.8				16	0.2	E
	URUM	16	0540	0543	0548	N15	E43	6368	11	19.5	8	SN			C		16	0.2	E
	LEAR	16	0549	0549	0554	N19	E48	6368	11	19.9	5	SF	C 1.8	3	E		17		
0325		16	0609	0610	0615	S24	W26	6366	11	14.2	6	SN					24	0.4	
	YUNN	16	0609E	0609U	0617	S24	W26	6366	11	14.2	80	SN			P	0609	32	0.4	
	LEAR	16	0609	0610	0613	S25	W26	6366	11	14.2	4	SF		3	E		16		
0326	YUNN	16	0728	0732	0800	N25	E52	6368	11	20.3	32	SN			P		16	0.3	
0327	ABST	16	0731E	0731	0740	N25	E90		11	23.3	90	SF			P	0731	87		D
0328		16	08145	08173	0824	N21	E44	6368	11	19.7	10	SN	C 2.2				68	1.3	DE
	ISTA	16	0814		0827	N18	E53	6368	11	20.4	13	1B							E
	YUNN	16	0814	0820	0823	N25	E39	6368	11	19.4	9	SB			P		80	1.1	
	ABST	16	0816	0817	0820	N21	E50	6368	11	20.2	4	SF			C	0817	87	1.5	D
	ISTA	16	0817		0823	N21	E40	6368	11	19.4	6	1W							E
	LEAR	16	0817	0817	0824	N19	E46	6368	11	19.8	7	SF	C 2.2	3	E		17		
	ABST	16	0819	0820	0824	N20	E39	6368	11	19.3	5	SN			C	0820	87	1.4	D
0329	HTPR	16	0959	1000	1004	N23	E40	6368	11	19.5	5	SF			C	1000	30	0.4	
0330	KANZ	16	1021	1021	1024	N04	W60	6361	11	11.9	3	SF			V				
0331	KANZ	16	1131	1131	1139	N17	W77	6358	11	10.6	8	SF			V				
0332		16	13113	13141	1324	N17	E36	6368	11	19.3	13	1F	C 4.7				150	2.6	H
	HTPR	16	1311	1315	1323	N17	E37	6368	11	19.4	12	1W			C	1315	200	2.6	H
	RAMY	16	1313	1315	13290	N17	E36	6368	11	19.3	160	1F	C 4.7	3	E		101		H
	KANZ	16	1314	1314	1326	N18	E35	6368	11	19.2	12	1F			V				
0333	HTPR	16	1353	1353	1356	N22	E53	6368	11	20.6	3	SF			C	1353	30	0.5	
0334		16	18063	18121	1820	N05	W62	6361	11	12.1	14	SF	C 2.4				37		F
	HOLL	16	1806	1813	1822	N05	W61	6361	11	12.2	16	SF	C 2.4	4	E		63		F
	PALE	16	1809	1812	1817	N05	W63	6361	11	12.0	8	SF	C 2.4	3	E		11		
0335		16	18376	18394	1859	S21	W32	6366	11	14.3	22	SF					25		F
	PALE	16	1837	1839	1902	S21	W32	6366	11	14.3	25	SF		3	E		22		F
	HOLL	16	1838	1840	1907	S21	W30	6366	11	14.5	29	SF		3	E		23		F
	RAMY	16	1843	1843	1848	S20	W34	6366	11	14.2	5	SF		3	E		31		F
0336		16	1858	1859	1904	S30	W56	6364	11	12.4	6	SF					14		F
	PALE	16	1858	1859	1902	S31	W56	6364	11	12.4	4	SF		3	E		17		
	HOLL	16	1858	1859	1905	S30	W55	6364	11	12.5	7	SF		3	E		12		F
0337		16	19362	19382	1955	N19	E45	6368	11	20.2	19	SF	C 2.2				26		F
	PALE	16	1936	1939	20150	N21	E47	6368	11	20.4	390	SF		3	E		26		
	HOLL	16	1937	1938	1949	N18	E39	6368	11	19.8	12	SF		3	E		20		
	RAMY	16	1938	1940	2001	N19	E48	6368	11	20.5	23	SF	C 2.2	3	E		33		F
0338	HOLL	16	2050	2051	2117	N19	E45	6368	11	20.3	27	SF	C 2.6	3	E		16		
0339	HOLL	16	2121	2121	2143	S22	W33	6366	11	14.3	22	SF		3	E		10		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Area Measurement			Remarks	
															Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0340	HOLL	16	2141	2142	2147	N19	E46	6368	11	20.4	6	SF	C 2.1	3	E		14		
0341	LEAR	16	2211	2255	2302	S20	W36	6366	11	14.2	51	SF		3	E		26		
0342	LEAR	16	2256	2305	2309	N18	E37	6368	11	19.8	13	SF		3	E		18		
0343		16	2323*	2324*	2436	N15	E34	6368	11	19.5	73	1N	C 3.8				218	5.0	EFIJKT
	LEAR	16	2323	2324	2433	N14	E32	6368	11	19.4	70	SN			E		35		K
	LEAR	16	2323	2348	2433	N14	E32	6368	11	19.4	70	1N	C 3.8	3	E		248		
	HOLL	16	2325E	2329	2351D	N18	E37	6368	11	19.8	26D	SN			E		49		K
	HOLL	16	2325E	2346	2351D	N18	E37	6368	11	19.8	26D	1N	M 1.2	2	E		160		F
	VORO	16	2327E	2346	2434	N15	E34	6368	11	19.5	67D	2F		2	C	2346	484	6.0	EIJKT
	MITK	16	2347	2347	2445	N13	E32	6368	11	19.4	58	1B			C	2347	330	4.1	E
0344	VORO	16	2331	2335	2344	N21	E47	6368	11	20.6	13	SF		2	C	2335	72	1.1	DIJT
0345	LEAR	16	2351	2357	2422	S22	W35	6366	11	14.3	31	SF		3	E		29		
0346	LEAR	17	0052	0053	0057	N14	E32	6368	11	19.4	5	SF		3	E		22		F
0347		17	0207I	0226	0423	N15	E40	6368	11	20.1	136	1F	C 7.1				199	3.2	EFHIJT
	MITK	17	0207		0448	N15	E40	6368	11	20.1	161	SN			C	0228			EH
	LEAR	17	0208	0226	0358	N16	E42	6368	11	20.3	110	1F	C 7.1	3	E		156		F
	VORO	17	0215U		0225D	N15	E38	6368	11	20.0	10U	1F		2	C	0223	242	3.2	EIJT
0348	LEAR	17	0248	0250	0306	N07	W68	6361	11	12.0	18	SF		3	E		55		
0349	LEAR	17	0359	0415	0421	N19	E43	6368	11	20.4	22	SF	C 3.6	3	E		33		
0350	LEAR	17	0422	0425	0437	N14	E30	6368	11	19.4	15	SF		3	E		58		F
0351	LEAR	17	0607	0610	0621	N17	E39	6368	11	20.2	14	SF		3	E		43		
0352		17	0645	0650*	0727	N17	E36	6368	11	20.0	42	1F	C 3.9				132	1.8	DF
	ABST	17	0645	0650	0709	N17	E35	6368	11	19.9	24	SF			C	0650	87	1.1	D
	LEAR	17	0645	0723	0743	N17	E38	6368	11	20.2	58	1F	C 3.9	3	E		117		F
	YUNN	17	0645	0724U	0730	N17	E35	6368	11	19.9	45	1N			P	0724	193	2.5	
0353	ISTA	17	0828		0832	N17	E26	6368	11	19.3	4	SN							D
0354		17	0902*	0907*	0934	N17	E35	6368	11	20.0	32	SF	C 3.6				43		F
	SVTO	17	0850E	0910U	0943D	N18	E32	6368	11	19.8	53D	SF		3	E		57		
	LEAR	17	0902	0907	0927	N17	E37	6368	11	20.2	25	SF	C 3.6	3	E		54		F
	LEAR	17	0929	0931	0940	N17	E37	6368	11	20.2	11	SF		3	E		17		
		17	1031		1032	No Flare Patrol													
		17	1038		1048	No Flare Patrol													
0355		17	1050	1052*	1145	N17	E35	6368	11	20.1	55	SN	C 3.9				99	1.2	FK
	SVTO	17	1050	1052	1253D	N17	E34	6368	11	20.0	123D	1F			E		113		K
	SVTO	17	1050	1109	1253D	N17	E34	6368	11	20.0	123D	1F	C 3.9	3	E		166		F
	SVTO	17	1050	1136	1140	N17	E34	6368	11	20.0	50	SN		3	E		75		F
	RAMY	17	1052E	1053U	1056	N15	E33	6368	11	19.9	4D	SF		1	E		53		
	HTPR	17	1208E	1212	1240	N18	E37	6368	11	20.3	32D	SN			C	1212	90	1.2	
	KANZ	17	1219E	1220U	1224D	N19	E36	6368	11	20.3	5D	SN			V				
0356	RAMY	17	1234	1238	1240	S32	W64	6364	11	12.4	6	SF		3	E		13		
0357		17	13092	1312	1330	N07	W68	6361	11	12.4	21	1N	C 8.5				88		
	HTPR	17	1309	1312	1327	N07	W70	6361	11	12.3	18	1N			C	1312	70		
	RAMY	17	1309	1312	1333	N08	W70	6361	11	12.3	24	SN	C 8.5	3	E		74		
	SVTO	17	1311	1312U	1313D	N07	W65	6361	11	12.7	2D	1F		3	E		120		
0358		17	13059	1307*	1320	N18	E37	6368	11	20.4	15	SF					21		F
	RAMY	17	1305	1307	1313	N18	E36	6368	11	20.3	8	SF		3	E		27		
	RAMY	17	1314	1319	1326	N19	E38	6368	11	20.4	12	SF		3	E		15		F
0359	RAMY	17	1345	1345	1353	N19	E39	6368	11	20.5	8	SF		3	E		12		

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Grp #	Sta	Start Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																Apparent (10-6 Disk)	Corr (Sq Deg)	
0360	RAMY	17	1416	1424	1427	N19	E39	6368	11 20.6	11	SF	C 2.8	3	E		20		
0361	RAMY	17	1446	1447	1501	N15	E30	6368	11 19.9	15	SF	C 4.5	3	E		25		F
		17	1552		1608	No Flare Patrol												
0362	RAMY	17	1638	1643	1645	N21	E21	6368	11 19.3	7	SF	C 3.3	2	E		17		
0363		17	1646	17026	1725	N17	E28	6368	11 19.8	39	SF					45		K
	RAMY	17	1646	1702	1725	N17	E28	6368	11 19.8	39	SF			E		59		K
	RAMY	17	1646	1708	1725	N17	E28	6368	11 19.8	39	SF		2	E		31		
0364		17	17261	1733*	1812	N14	E31	6368	11 20.1	46	1F	C 8.8				171		FK
	RAMY	17	1726	1733	1811	N14	E32	6368	11 20.1	45	1F		3	E		196		F
	RAMY	17	1726	1743	1811	N14	E32	6368	11 20.1	45	1F			E		84		K
	HOLL	17	1727	1734	1813	N14	E30	6368	11 20.0	46	1F			E		96		K
	HOLL	17	1727	1744	1813	N14	E30	6368	11 20.0	46	2N	C 8.8	2	E		307		F
0365		17	1842	18457	1937	N18	E26	6368	11 19.7	55	SN	M 1.1				81		EFK
	HOLL	17	1842	1845	1937	N18	E26	6368	11 19.7	55	SN	M 1.1	3	E		63		FE
	HOLL	17	1842	1852	1937	N18	E26	6368	11 19.7	55	SN			E		99		K
0366	HOLL	17	1910	1910	1919D	N07	W73	6361	11 12.3	9D	SF	C 7.7	3	E		32		
		17	1920		1933	No Flare Patrol												
0367	HOLL	17	2001	2005	2009	N21	E18	6368	11 19.2	8	SF	M 2.4	3	E		19		
0368	HOLL	17	2053	2055	2100	N17	E18	6368	11 19.2	7	SF		3	E		19		F
0369	HOLL	17	2147	2147	2155D	N17	E29	6368	11 20.1	8D	SF	C 3.2	3	E		70		
0370	LEAR	17	2239	2244	2314	N15	E28	6368	11 20.1	35	1N	M 1.1	3	E		157		EF
0371		18	0010	00228	0058	N18	E31	6368	11 20.4	48	SN	M 1.4				79		FK
	LEAR	18	0010	0022	0058	N18	E31	6368	11 20.4	48	SN	M 1.4	3	E		79		F
	LEAR	18	0010	0030	0058	N18	E31	6368	11 20.4	48	SN			E		79		K
0372	LEAR	18	0052	0052	0059	S32	W75	6364	11 12.1	7	SF		3	E		11		
0373	LEAR	18	0129	0133	0136	N18	E15	6368	11 19.2	7	SF	C 2.3	3	E		17		
0374	LEAR	18	0155	0156	0200	N16	E16	6368	11 19.3	5	SF	C 2.0	3	E		20		
0375		18	0357	0404	0417	N11	E19	6376A	11 19.6	20	SN					33	0.4	D
	LEAR	18	0357	0404	0413	N09	E20	6376A	11 19.7	16	SF		3	E		18		
	YUNN	18	0402E	0408U	0428	N12	E18	6376A	11 19.5	26D	SN			P	0408	48	0.5	
	URUM	18	0403E	0404	0410	N11	E19	6376A	11 19.6	7D	SN			C		32	0.4	D
0376		18	05041	05101	0522	N17	W21	6371	11 16.6	18	SN					70	1.0	E
	LEAR	18	0504	0510	0517	N18	W20	6371	11 16.7	13	SF		3	E		33		
	YUNN	18	0505E	0508U	0520	N16	W23	6371	11 16.5	15D	SN			P	0508	80	0.9	
	URUM	18	0505	0511	0528	N18	W20	6371	11 16.7	23	SN			C		96	1.1	E
0377	YUNN	18	0510E	0510U	0512	N17	E18	6368	11 19.6	2D	SN			P	0510	16	0.2	
0378		18	05331	0535	0544	N15	E24	6368	11 20.0	11	SN	C 2.8				34	0.6	E
	LEAR	18	0533	0535	0542	N14	E23	6368	11 20.0	9	SF	C 2.8	3	E		21		
	URUM	18	0534	0535	0546	N16	E24	6368	11 20.0	12	SN			C		48	0.6	E
0379		18	0628	06293	0636	N14	E18	6368	11 19.6	8	SN					39	0.5	E
	LEAR	18	0628	0629	0636	N14	E18	6368	11 19.6	8	SF		3	E		30		
	URUM	18	0628	0632	0635	N15	E19	6368	11 19.7	7	SN			C		48	0.5	E
0380	URUM	18	0636	0640	0648	N22	E13	6368	11 19.3	12	SN			C		48	0.5	E
0381		18	0721	07231	0732	N16	E24	6368	11 20.1	11	SN					30	0.4	D
	LEAR	18	0721	0723	0735	N15	E24	6368	11 20.1	14	SF		3	E		28		
	URUM	18	0721	0724	0729	N16	E24	6368	11 20.1	8	SN			C		32	0.4	D

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/		CMP	Dur (Min)	Imp	Obs	Area Measurement		Corr	Remarks
						Lat	Cmd Region	Mo Day		Opt Xray	See Type	Time (UT)	Apparent (10-6 Disk)	(Sq Deg)	
0382		18	0810	0813	0817	N16 E18	6368	11 19.7	7	SF C 1.9			66	1.0	D
	ABST	18	0810	0813	0816	N17 E18	6368	11 19.7	6	SF	C	0813	87	1.0	D
	URUM	18	0810	0814	0817	N14 E18	6368	11 19.7	7	SN	C		80	0.9	D
	SVTO	18	0813E	0813U	0818	N16 E17	6368	11 19.6	5D	SF C 1.9	3 E		30		
0383	SVTO	18	0832	0842	0849	N24 E14	6368	11 19.4	17	SF	4 E		12		
0384	ABST	18	0839	0841	0843	N24 E24	6368	11 20.2	4	SF	C	0841	87	1.0	D
0385	LEAR	18	0851	0852	0858	N17 E19	6368	11 19.8	7	SF C 2.2	3 E		30		
0386	ISTA	18	0914		0921	N18 W84		11 12.0	7	SN					DG
0387		18	09461	09462	0954	S33 W84	6364	11 11.7	8	SF			32		
	LEAR	18	0946	0946	0953	S33 W85	6364	11 11.6	7	SF	3 E		31		
	SVTO	18	0947	0948	0954	S33 W84	6364	11 11.7	7	SF	2 E		34		
0388		18	11291	1130	1137	N22 E10	6368	11 19.2	8	SF C 1.9			28		F
	RAMY	18	1129	1130	1138	N22 E10	6368	11 19.2	9	SF C 1.9	2 E		43		
	SVTO	18	1130	1130	1136	N22 E09	6368	11 19.2	6	SF C 1.9	3 E		14		F
0389		18	12402	12431	1310	N15 E20	6368	11 20.0	30	SN C 4.2			66		F
	RAMY	18	1240	1244	1313	N14 E21	6368	11 20.1	33	SN C 4.2	3 E		62		F
	SVTO	18	1242	1243	1307	N16 E19	6368	11 20.0	25	SN	3 E		70		F
0390		18	13089	1318	1330	N22 E13	6368	11 19.5	22	SN C 2.4			40		F
	SVTO	18	1308	1318	1331	N23 E12	6368	11 19.5	23	SF	3 E		39		F
	RAMY	18	1317	1318	1328	N20 E14	6368	11 19.6	11	SN C 2.4	3 E		42		
0391		18	1415	1416	1422	N19 E18	6368	11 20.0	7	SF			34		F
	RAMY	18	1415	1416	1419	N21 E18	6368	11 20.0	4	SF	3 E		31		
	SVTO	18	1415	1416	1426	N17 E19	6368	11 20.0	11	SF	3 E		36		F
0392		18	14341	1437*	1512	N20 E22	6368	11 20.3	38	SF C 2.1			25		FK
	RAMY	18	1434	1501	1514	N20 E22	6368	11 20.3	40	SF	E		30		K
	RAMY	18	1434	1508	1514	N20 E22	6368	11 20.3	40	SF C 2.1	3 E		13		F
	HOLL	18	1435	1437	1508	N19 E23	6368	11 20.4	33	SF	3 E		31		
0393		18	15262	15277	1536	N22 E23	6368	11 20.4	10	SF C 2.7			28		F
	HOLL	18	1526	1527	1535	N22 E22	6368	11 20.3	9	SF	3 E		44		
	RAMY	18	1528	1534	1537	N21 E24	6368	11 20.5	9	SF C 2.7	3 E		13		F
0394		18	1551	15531	1558	N18 E18	6368	11 20.0	7	SF C 2.2			53		F
	RAMY	18	1551	1553	1558	N17 E18	6368	11 20.0	7	SF C 2.2	3 E		42		F
	HOLL	18	1551	1554	1559	N18 E17	6368	11 19.9	8	SF C 2.2	3 E		64		
0395	HOLL	18	1635	1635	1646	N22 E06	6371B	11 19.1	11	SF C 2.2	3 E		86		FH
0396		18	16548	1654*	1704	N16 E19	6368	11 20.1	10	SF			24		F
	HOLL	18	1654	1654	1701	N16 E18	6368	11 20.1	7	SF	3 E		16		
	RAMY	18	1702	1704	1707	N16 E20	6368	11 20.2	5	SF	3 E		32		F
0397		18	17371	1746*	1940	N18 E21	6368	11 20.3	123	1N H 1.3			102		EFK
	HOLL	18	1737	1746	1940	N19 E21	6368	11 20.3	123	1F	E		79		K
	HOLL	18	1737	1806	1940	N19 E21	6368	11 20.3	123	1N H 1.3	3 E		163		FE
	RAMY	18	1738	1746	1933D	N18 E21	6368	11 20.3	115D	SF	E		71		K
	RAMY	18	1738	1807	1933D	N18 E21	6368	11 20.3	115D	SN C 3.1	3 E		94		F
0398	HOLL	18	1945	1951	2112	N19 E21	6368	11 20.4	87	SF C 3.9	3 E		33		F
0399	HOLL	18	2119	2131	2137	N21 E04	6368	11 19.2	18	SN C 2.4	4 E		99		H
0400	HOLL	18	2147	2148	2204	N18 E15	6368	11 20.0	17	SF C 1.7	3 E		14		F
0401	LEAR	18	2213	2222	2228	N13 E20	6368	11 20.4	15	SF	3 E		28		
0402		18	2229*	2238*	2309	N15 E18	6368	11 20.3	40	SF C 1.5			29		EF
	LEAR	18	2229	2308	2319	N14 E20	6368	11 20.4	50	SF C 1.5	3 E		49		F
	HOLL	18	2237	2238	2250	N15 E20	6368	11 20.4	13	SF	3 E		13		F
	HOLL	18	2304	2307	2317	N17 E13	6368	11 19.9	13	SF C 4.9	3 E		25		FE

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0403	VORO	18	2325	2329	2337	N23	E08	6368	11	19.6	12	SF		2	C	2329	63	0.7	DIJT
0404	LEAR	18	2349	2350	2401	N19	E13	6368	11	20.0	12	SF		3	E		11		
0405	LEAR	19	0009	0011	0027	N14	E13	6368	11	20.0	18	SF		3	E		41		F
0406	VORO	19	0023	0024	0031	N23	E08	6368	11	19.6	8	SF		2	C	0024	72	0.8	DIJT
0407		19	0040	00431	0053	N22	E08	6368	11	19.6	13	SF					52	0.9	EIJT
	LEAR	19	0040	0043	0056	N22	E07	6368	11	19.6	16	SF		3	E		23		
	VORO	19	0041U	0044	0050	N23	E08	6368	11	19.6	9U	SF		2	C	0044	81	0.9	EIJT
0408	VORO	19	0104	0106	0109	N16	E09	6368	11	19.7	5	SF		2	C	0106	72	0.8	DIJT
0409		19	0110*	0136*	0228	N21	E07	6368	11	19.6	78	1N C 3.1					154	2.1	EFIJKTZ
	LEAR	19	0110	0216	0232	N17	E14	6368	11	20.1	82	1N C 3.1	3	E			128		F
	VORO	19	0135U	0136	0144	N22	E02	6368	11	19.2	9U	SF	2	C		0136	90	1.0	EIJT
	WATU	19	0159	0216	0233	N22	E06	6368	11	19.5	34	SN		C		0216	180	2.0	TZ
	VORO	19	0202	0218	0234	N23	E08	6368	11	19.7	32	1F	2	C		0218	296	3.2	EIJKTZ
	YUNN	19	0219E	0219U	0225D	N22	E04	6368	11	19.4	6D	1B		P		0219	193	2.1	
	LEAR	19	0233	0241	0258	N18	E10	6368	11	19.9	25	SF		3	E		38		
0410	LEAR	19	0146	0146	0150	N23	W81		11	12.8	4	SF		3	E		14		
0411	LEAR	19	0337	0343	0350	N19	E17	6368	11	20.4	13	SF C 2.3	3	E			33		
0412	LEAR	19	0413	0415	0420	N18	E09	6368	11	19.9	7	SF		3	E		13		
0413		19	04493	0454	0505	N22	E06	6368	11	19.7	16	SN C 1.6					93	1.6	TZ
	WATU	19	0449	0454	0502	N22	E06	6368	11	19.7	13	SN		C		0454	150	1.6	TZ
	LEAR	19	0452	0454	0508	N21	E05	6368	11	19.6	16	SF C 1.6	3	E			36		
0414	ABST	19	0602E	0606	0635	N23	W90		11	12.3	33D	1F		P		0606	87		AD
0415		19	0606*	06234	0640	N23	E04	6368	11	19.6	34	SN					183	2.	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
						Lat	Cmd	Region								Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0424	HOLL	19	2014	2019	2032	N19	W02	6368	11	19.7	18	SF		3	E		21		F
		19	2042		2116	No Flare Patrol													
0425		19	2128*	2132*	2239	N18	W00	6368	11	19.9	71	SF	C 1.2				37		F
	HOLL	19	2128	2132	2147	N16	W03	6368	11	19.7	19	SF	C 1.2	3	E		30		F
	HOLL	19	2151	2154	2158	N18	W01	6368	11	19.8	7	SF	C 1.2	3	E		20		F
	PALE	19	2155	2224	2313	N18	E00	6368	11	19.9	78	SF		3	E		55		F
	HOLL	19	2159	2223	2229D	N15	E02	6368	11	20.1	300	SF		3	E		87		F
	LEAR	19	2216	2222	2259	N16	E03	6368	11	20.1	43	SF	C 2.2	3	E		19		F
	LEAR	19	2316	2316	2320	N22	W04	6368	11	19.7	4	SF	C 2.8	3	E		13		
0426		19	2349*	2353*	2420	N17	W00	6368	11	20.0	31	SF	C 2.1				62		F
	LEAR	19	2349	2353	2419	N17	E00	6368	11	20.0	30	SF	C 2.1	3	E		87		F
	PALE	20	0011	0011	0020	N17	W01	6368	11	19.9	9	SF		3	E		38		F
0427	LEAR	20	0034	0037	0042	N18	E04	6368	11	20.3	8	SF	C 2.1	3	E		11		F
0428	LEAR	20	0049	0057	0120	N18	E02	6368	11	20.2	31	SF	C 2.7	3	E		33		F
0429		20	0443*	0454*	0531	N22	W08	6368	11	19.6	48	1N	C 3.2				202	2.3	DETZ
	LEAR	20	0443	0454	0543	N21	W08	6368	11	19.6	60	1F	C 3.2	3	E		193		
	WATU	20	0448	0455	0535	N23	W10	6368	11	19.4	47	1N			C	0455	190	2.2	TZ
	YUNN	20	0458	0502	0512	N20	W08	6368	11	19.6	14	1N			C		321	3.5	
	PEKG	20	0521	0524	0534	N23	W08	6368	11	19.6	13	SB			P	0524	105	1.2	D
	MITK	20	0522E		0531D	N23	W07	6368	11	19.7	90	SF			P	0528			E
0430	LEAR	20	0706	0709	0718	N14	W05	6368	11	19.9	12	SF	C 1.8	3	E		15		
0431	LEAR	20	0741	0746	0758	N17	W02	6368	11	20.2	17	SF		3	E		42		F
0432	LEAR	20	0808	0809	0814	N17	W03	6368	11	20.1	6	SF		3	E		16		
0433		20	0835*	0837*	0859	N21	W08	6368	11	19.7	24	SF					36	0.7	D

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt Xray	Obs See Type	Area Measurement			Remarks
													Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0439		21	02448	0246*	0336	N19 W13	6368		11	20.1	52	SN C 2.9		143	2.4	EFIJKT
	LEAR	21	0244	0246	0342	N18 W14	6368		11	20.0	58	SF		15		K
	LEAR	21	0244	0254	0342	N18 W14	6368		11	20.0	58	SF C 2.9	3	54		F
	VORO	21	0251	0252	0300D	N20 W12	6368		11	20.2	90	SF	2	161	1.8	EIJT
	PEKG	21	0252	0257	0343	N19 W14	6368		11	20.0	51	1B		420	4.6	E
	PURP	21	0252	0301	0316	N18 W13	6368		11	20.1	24	SN		66	0.7	
0440		21	0456*	0458*	0606	N18 W14	6368		11	20.1	70	SN C 7.1		111	1.3	DEFKLT
	LEAR	21	0456	0458	0650	N18 W13	6368		11	20.2	114	SF		40		K
	LEAR	21	0456	0531	0650	N18 W13	6368		11	20.2	114	1F C 7.1	3	134		F
	TACH	21	0501E		0511	N19 W11	6368		11	20.4	100	SB	2	112	1.2	ETLY
	PEKG	21	0520	0535	0550	N19 W15	6368		11	20.1	30	1B		210	2.3	E
	YUNN	21	0527	0530U	0617	N18 W13	6368		11	20.2	50	SN		161	1.8	
	PURP	21	0527	0531	0539	N18 W19	6368		11	19.8	12	SF		33	0.4	
	TACH	21	0529	0530	0540	N18 W18	6368		11	19.8	11	SB	2	117	1.4	ETY
	PEKG	21	0630	0633	0635	N19 W13	6368		11	20.3	5	SB		84	0.9	D
0441	URUM	21	0818	0821	0825	N25 E06	6375		11	21.8	7	SN		32	0.4	D
0442		21	0821	0822	0830	N16 W18	6368		11	20.0	9	1N C 2.4		21		E
	ISTA	21	0821		0827	N16 W16	6368		11	20.1	6	1N				E
	SVTO	21	0821	0822	0832	N16 W19	6368		11	19.9	11	SF C 2.4	3	21		
0443		21	08402	0848	0905	N22 W25	6368		11	19.4	25	1N		32	0.4	DE
	URUM	21	0840	0848	0900D	N23 W23	6368		11	19.6	20D	SN		32	0.4	D
	ISTA	21	0842		0905	N21 W27	6368		11	19.3	23	1N				E
0444	LEAR	21	0907	0910	0915	N19 W13	6368		11	20.4	8	SF C 1.4	3	24		F
		21	0921		0946	No Flare Patrol										
0445		21	0939	1008	1022	N17 W20	6368		11	19.9	43	SN C 2.5		30		F
	LEAR	21	0939	1008	1016	N16 W19	6368		11	20.0	37	SF	2	25		
	SVTO	21	0948E	1008	1027	N18 W21	6368		11	19.8	39D	SN C 2.5	2	36		F
0446	RAMY	21	1141	1149	1200	N17 W19	6368		11	20.0	19	SF	3	25		F
0447	RAMY	21	1203	1217	1230	N18 W14	6368		11	20.4	27	SF	3	29		F
0448	RAMY	21	1215	1221	1224	S17 W43	6376		11	18.2	9	SF C 1.7	3	18		
0449	HOLL	21	1514E	1538	1603	N23 W25	6368		11	19.7	49D	SF	3	46		
		21	1642		1655	No Flare Patrol										
		21	1717		1741	No Flare Patrol										
		21	1751		1754	No Flare Patrol										
0450		21	1838	1839I	1848	N16 W24	6368		11	19.9	10	SF C 3.9		44		F
	HOLL	21	1742E	1832U	1834D	N15 W23	6368		11	20.0	52D	SF C 3.9	1	62		F
	RAMY	21	1838E	1839	1850	N16 W24	6368		11	19.9	12D	SF C 4.1	3	25		
	HOLL	21	1838	1839	1857D	N16 W24	6368		11	19.9	19D	SN C 4.1	3	52		
	PALE	21	1838	1840	1847	N16 W25	6368		11	19.9	9	SF C 4.1	3	35		
0451		21	19101	19142	1920	N18 W22	6368		11	20.1	10	SF C 3.6		15		
	PALE	21	1910	1916	1923	N17 W22	6368		11	20.1	13	SF C 3.6	3	12		
	RAMY	21	1911	1914	1916	N18 W21	6368		11	20.2	5	SF	2	18		
		21	2017		2030	No Flare Patrol										
		21	2035		2144	No Flare Patrol										
		21	2340		2344	No Flare Patrol										
0452		22	01443	0149*	0212	N15 W28	6368		11	19.9	28	SN		141	2.1	EFIJTU
	MITK	22	0144	0150	0220	N17 W25	6368		11	20.2	36	SN				E
	PURP	22	0145	0149	0204	N16 W30	6368		11	19.8	19	SF		119	1.5	U
	PEKG	22	0147	0155	0213	N14 W27	6368		11	20.0	26	1B		231	2.7	E
	VORO	22	0153E		0214	N15 W29	6368		11	19.9	21D	1F	2	188	2.2	EIJT
	PALE	22	0204E	0205	0208	N14 W27	6368		11	20.0	4D	SF	3	26		F
0453	PALE	22	0215	0219	0226	N16 W74	6371		11	16.5	11	SF	3	17		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF		CMP Mo Day	Dur (Min)	Imp Opt Xray	Obs See Type	Area Measurement			Remarks		
						Region						Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)			
0454		22	02173	02221	0231	N24 W32	6368	11 19.6	14	SN				100	1.3	DIJT	
	VORO	22	0217	0222	0232	N25 W33	6368	11 19.5	15	SF		2	C	0222	116	1.5	DIJT
	PEKG	22	0220	0223	0230	N24 W32	6368	11 19.6	10	SB			P	0223	84	1.1	D
0455		22	0742	0745	0750	N19 W24	6368	11 20.5	8	SN				48	0.6	E	
	URUM	22	0742	0745	0750	N19 W21	6368	11 20.7	8	SN			C	48	0.6	E	
	ISTA	22	0746E		0750	N19 W27	6368	11 20.3	4D	SN						E	
0456		22	0813*	08284	0903	N18 W76	6371	11 16.5	50	SN	C 9.3			79		DE	
	LEAR	22	0813	0828	0906	N17 W74	6371	11 16.7	53	SF	C 9.3	3	E	94			
	URUM	22	0825	0832	0924	N17 W77	6371	11 16.5	59	SN			C	64		E	
	ISTA	22	0829	0832	0838	N19 W78	6371	11 16.4	9	SB						D	
0457		22	08551	0856	0904	N19 W23	6368	11 20.6	9	Sh				21		EF	
	LEAR	22	0855	0856	0904	N19 W25	6368	11 20.5	9	SF		3	E	21		F	
	ISTA	22	0856		0905	N19 W21	6368	11 20.8	9	SB						E	
		22	1231		1409	No Flare Patrol											
		22	1414		1443	No Flare Patrol											
		22	1447		1505	No Flare Patrol											
		22	1524		1532	No Flare Patrol											
		22	1535		1539	No Flare Patrol											
		22	1557		1623	No Flare Patrol											
0458	HOLL	22	2150	2150	2157	N16 W28	6368	11 20.8	7	SF		4	E		13		
0459	HOLL	22	2229	2230	2240	N16 W29	6368	11 20.7	11	SF		4	E		38		
0460	LEAR	23	0009	0020	0115	N16 W40	6368	11 20.0	66	SF	C 1.7	3	E		39		
0461	YUNN	23	0144E	0147U	0228	S05 E90	6379	11 29.8	44D				P	0147		A	
0462		23	0152	01521	0202	N14 W34	6368	11 20.5	10	SN	C 1.4				36	0.6	DIJT
	LEAR	23	0152	0152	0201	N14 W33	6368	11 20.6	9	SF	C 1.4	3	E		18		
	VORO	23	0152	0153	0202	N15 W35	6368	11 20.4	10	SN		2	C	0153	54	0.6	DIJT
0463		23	03004	03031	0311	N18 W30	6368	11 20.8	11	SF	C 1.2				21		EH
	MITK	23	0300	0303	0313	N18 W30	6368	11 20.8	13	SF			C	0303			EH
	LEAR	23	0304	0304	0309	N19 W30	6368	11 20.8	5	SF	C 1.2	3	E		21		
0464	URUM	23	0321	0325	0341	N23 W45	6368	11 19.7	20	SN			C		48	0.7	D
0465	LEAR	23	0344	0346	0400	N14 W34	6368	11 20.6	16	SF		3	E		19		
0466		23	03592	04025	0427	N22 W46	6368	11 19.6	28	SN	C 1.8				56	0.9	E
	MITK	23	0359	0403	0443	N23 W47	6368	11 19.5	44	SN			C	0403			E
	PURP	23	0400	0402	0404	N19 W46	6368	11 19.6	4	SF			C	0402	53	0.8	
	URUM	23	0400	0407	0435	N23 W46	6368	11 19.6	35	SN			C		48	0.8	E
	LEAR	23	0401	0403	0422	N23 W45	6368	11 19.7	21	SF	C 1.8	3	E		44		
	YUNN	23	0405E	0405U	0432	N20 W44	6368	11 19.8	27D	SB			P	0405	80	1.2	
0467		23	04558	05028	0512	N20 W39	6368	11 20.2	17	SN					97	1.4	DV
	MITK	23	0455	0504	0522	N20 W38	6368	11 20.3	27	SN			C	0504			
	YUNN	23	0500	0510	0517	N21 W46	6368	11 19.7	17	SB			C		64	1.0	
	WATU	23	0501	0503	0506	N19 W39	6368	11 20.2	5	SF			C	0503	60	0.8	
	PURP	23	0501	0503	0506	N19 W36	6368	11 20.5	5	SF			C	0503	66	0.9	
	TACH	23	0502	0502	0508D	N20 W40	6368	11 20.1	6D	1B		3	C	0502	168	2.4	V
	PEKG	23	0503	0505	0510	N19 W37	6368	11 20.4	7	SB			C	0505	126	1.7	D
0468	TACH	23	0502		0510	N16 W90	6371	11 16.4	8	SN		3	C	0502	56		D
0469	TACH	23	0544		0603	N16 W90	6371	11 16.4	19	SN		3	C	0544	76		D
0470	LEAR	23	0546	0547	0553	N20 W31	6368	11 20.9	7	SF	C 1.3	3	E		17		
0471	ABST	23	0600E	0604U	0620	N17 W90	6371	11 16.4	20D	1N			P	0604	131		ABD
0472	LEAR	23	0621	0621	0632	S05 E24	6377	11 25.0	11	SF		3	E		28		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt Xray	See	Obs Type	Area Measurement			Remarks	
														Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0473	TACH	23	0711		0717	N16	W90	6371	11 16.5	6	SN		3	C	0711	36		D
0474	ISTA	23	0739		0746	N21	W46	6368	11 19.8	7	1N							F
0475	ABST	23	0757	0801	0820	N17	W90	6371	11 16.5	23	1N			C	0801	131		ABD
0476	ISTA	23	0819		0824	N21	W48	6368	11 19.7	5	SB							D
0477		23	08301	0831	0840	N16	W33	6368	11 20.8	10	SN					57	0.9	F
	ISTA	23	0830		0839	N17	W32	6368	11 20.9	9	1B							F
	LEAR	23	0831	0831	0837	N15	W33	6368	11 20.8	6	SF	3	E		44			
	HTPR	23	0831	0831	0845	N15	W35	6368	11 20.7	14	SF		C	0831	70	0.9		
0478		23	08566	09043	0927	N22	W50	6368	11 19.5	31	SN C 2.9					91	1.8	DZ
	LEAR	23	0856	0904	0933	N22	W48	6368	11 19.7	37	SF C 2.9	3	E		59			
	HTPR	23	0856	0905	0945	N22	W50	6368	11 19.5	49	1N		C	0905	130	2.3	Z	
	ABST	23	0902	0905	0908	N20	W50	6368	11 19.5	6	SF		C	0905	87	1.5	D	
	ABST	23	0902	0907	0922	N24	W50	6368	11 19.5	20	SN		C	0907	87	1.5	D	
0479	LEAR	23	0952	0952	0958	N22	W49	6368	11 19.6	6	SF		2	E		18		
0480		23	1226*	1239	1242	N20	W34	6375	11 20.9	16	SF					47	0.9	
	HTPR	23	1226	1239	1241	N20	W33	6375	11 21.0	15	SF		C	1239	70	0.9		
	RAMY	23	1239	1239	1242	N21	W34	6375	11 20.9	3	SF	3	E		24			
0481	RAMY	23	1350	1354	1525	N16	W48	6368	11 19.9	95	SF C 1.5	2	E		47			
0482		23	1555	1557*	1658	N14	W50	6368	11 19.9	63	SF C 2.7					44		FK
	HOLL	23	1555	1557	1658	N14	W50	6368	11 19.9	63	SF		E		20		K	
	HOLL	23	1555	1638	1658	N14	W50	6368	11 19.9	63	SF C 2.7	3	E		68		F	
0483	HOLL	23	1711	1711	1715	N17	W49	6368	11 20.0	4	SF	3	E		17		F	
0484		23	1722*	1727*	1806	N18	W49	6368	11 20.0	44	SF C 1.3					41		FK
	RAMY	23	1722	1729	1820	N18	W48	6368	11 20.1	58	SF		E		59		K	
	RAMY	23	1722	1811	1820	N18	W48	6368	11 20.1	58	SF C 1.3	3	E		77		F	
	HOLL	23	1726	1727	1731	N18	W47	6368	11 20.1	5	SF	3	E		25		F	
	HOLL	23	1744	1745	1800	N15	W51	6368	11 19.9	16	SF	3	E		24			
	HOLL	23	1808	1809	1820	N20	W52	6368	11 19.8	12	SF	3	E		22			
0485		23	18365	18422	1850	S04	E18	6377	11 25.1	14	SF					22		H
	HOLL	23	1836	1842	1851	S04	E18	6377	11 25.1	15	SF	3	E		29			
	RAMY	23	1841	1844	1850	S04	E19	6377	11 25.2	9	SF	3	E		15		H	
0486	HOLL	23	1911	1917	1924	S04	E16	6377	11 25.0	13	SF	4	E		35		F	
0487	RAMY	23	1953	1958	2007	N24	W54	6368	11 19.6	14	SF	3	E		58		F	
0488		23	2031	2032*	2057	N18	W49	6368	11 20.1	26	SN C 1.4					50		FK
	HOLL	23	2031	2032	2057	N18	W49	6368	11 20.1	26	SN		E		28		K	
	HOLL	23	2031	2042	2057	N18	W49	6368	11 20.1	26	SN C 1.4	4	E		71		F	
0489	HOLL	23	2058	2101	2124	N14	W43	6368	11 20.6	26	SN C 3.0	4	E		49		EF	
0490	LEAR	23	2233	2234	2243	N18	W49	6368	11 20.2	10	SF	3	E		19			
0491		24	0026*	00289	0036	N18	W55	6368	11 19.8	10	SF					39	1.2	DIJT
	VORO	24	0026	0028	0031	N21	W58	6368	11 19.6	5	SF	2	C	0028	63	1.2	DIJT	
	LEAR	24	0036	0037	0040	N16	W52	6368	11 20.1	4	SF	3	E		15			
0492	VORO	24	0109	0110	0117	N15	W55	6368	11 19.9	8	SF	2	C	0110	72	1.3	EIJT	
0493	VORO	24	0156	0157	0205	N17	W57	6368	11 19.7	9	SF	2	C	0157	54	1.0	DIJT	
0494	PALE	24	0157	0201	0207	S05	E12	6377	11 25.0	10	SF	3	E		20			

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/	CMP	Dur	Imp	Obs	Area Measurement			Remarks				
								USAF/ Region					Mo	Day	(Min)		Opt	Xray	See	Type
0495		24	0211*	0231*	0320	S04	E11	6377	11	24.9	69	SN	C	8.5		114	1.5	EFJK		
	WATU	24	0211	0300	0320	S04	E11	6377	11	24.9	69	SF			C	0300	90	1.0		
	LEAR	24	0221	0243	0321	S05	E12	6377	11	25.0	60	1F	C	8.5	3	E	101		F	
	MITK	24	0223	0231	0357D	S04	E11	6377	11	24.9	94D	SB			C	0231			E	
	VORO	24	0229	0236	0259D	S03	E11	6377	11	24.9	30D	1F			2	C	0236	251	2.6	
	PALE	24	0231	0233	0326D	S04	E11	6377	11	24.9	55D	SF			3	E		77		EJK
	URUM	24	0243E	0250	0305D	S05	E12	6377	11	25.0	22D	SN			C		96	1.0	E	
	PEKG	24	0253	0255	0258	S04	E12	6377	11	25.0	5	1B			P	0255	210	2.2	E	
	YUNN	24	0258E	0258U	0324	S06	E10	6377	11	24.9	26D	SN			P	0258	48	0.5		
LEAR	24	0322	0326	0335	S05	E11	6377	11	25.0	13	SF			3	E		36			
0496	VORO	24	0213	0214	0223	N16	W52	6368	11	20.1	10	SF			2	C	0214	63	1.1	DIJT
0497	LEAR	24	0228	0228	0237	N16	W53	6368	11	20.1	9	SF			3	E		28		
0498	TACH	24	0722	0722	0801	N21	W44	6375	11	20.9	39	SF			3	C	0722	66	1.0	D
0499		24	0733	0724*	0751	N15	W60	6368	11	19.8	18	SF					52	1.1	D	
	URUM	24	0724E	0724	0751	N15	W60	6368	11	19.8	27D	SF			C		16	0.3	D	
	ABST	24	0733	0734	0740D	N15	W60	6368	11	19.8	7D	SF			C	0734	87	1.9	D	
0500	ABST	24	0728	0729	0735	S05	E06	6377	11	24.7	7	SF			C	0729	87	1.0	D	
0501	YUNN	24	0835E	0843U	0847D	S04	E09	6377	11	25.0	12D	SF			P	0843	80	0.8		
0502		24	11535	1153*	1210	S05	E04	6377	11	24.8	17	SF					12			
	RAMY	24	1153	1153	1157	S05	E03	6377	11	24.7	4	SF			3	E	13			
	RAMY	24	1158	1215	1222	S05	E05	6377	11	24.9	24	SF			3	E	11			
0503	RAMY	24	1154	1201	1205	N16	W59	6368	11	20.0	11	SF			3	E	11			
0504	RAMY	24	1219	1222	1242	N19	W57	6368	11	20.2	23	SF	C	1.4	3	E	21			
0505	RAMY	24	1222	1237	1242	S04	E06	6377	11	25.0	20	SF			3	E	12			
0506	RAMY	24	1249	1253	1258	N16	W62	6368	11	19.8	9	SF			3	E	33			
0507	RAMY	24	1357	1357	1411	N16	W62	6368	11	19.9	14	SF			3	E	15		F	
0508		24	14018	1401*	1525	S04	E04	6377	11	24.9	84	1N	C	2.6			95		FHK	
	RAMY	24	1401	1401	1405	S04	E06	6377	11	25.0	4	SF	C	2.6	3	E	13			
	RAMY	24	1409	1415	1605	S04	E04	6377	11	24.9	116	1B	M	3.1		E	96		K	
	RAMY	24	1409	1419	1605	S04	E04	6377	11	24.9	116	1B	M	3.1	3	E	153			
	HOLL	24	1419E	1421U	1501D	S02	E04	6377	11	24.9	42D	1B	M	3.1	2	E	181		FH	
	HOLL	24	1502E	1503U	1526D	S04	E04	6377	11	24.9	24D	SF			2	E	31		F	
0509	RAMY	24	1435	1435	1441	N19	W60	6368	11	20.0	6	SF			3	E	16			
0510		24	1500	15011	1516	N22	W66	6368	11	19.5	16	SF					40		F	
	HOLL	24	1500E	1501	1513	N22	W64	6368	11	19.7	13D	SF			3	E	47		F	
	RAMY	24	1500	1502	1518	N23	W67	6368	11	19.5	18	SF			3	E	32		F	
0511	HOLL	24	1720	1728	1741	S08	E14	6378	11	25.8	21	SF			3	E	13		F	
0512		24	17272	17292	1746	N14	W56	6368	11	20.5	19	SF					28		F	
	HOLL	24	1727	1729	1753	N14	W55	6368	11	20.6	26	SF			3	E	35		F	
	RAMY	24	1729	1731	1738	N13	W57	6368	11	20.4	9	SF			3	E	20			
0513		24	18064	1812	1817	N15	W64	6368	11	19.9	11	SF	C	2.9			33		F	
	RAMY	24	1806	1812	1816	N16	W65	6368	11	19.8	10	SF	C	2.9	3	E	37			
	HOLL	24	1808	1812	1818	N15	W62	6368	11	20.1	10	SF	C	2.9	3	E	39		F	
	PALE	24	1810	1812	1816	N15	W64	6368	11	19.9	6	SF			3	E	24			
0514		24	1808*	1811*	1847	S04	E03	6377	11	25.0	39	SF	C	3.1			40		FK	
	RAMY	24	1808	1811	1820	S04	E03	6377	11	25.0	12	SF			3	E	40		F	
	HOLL	24	1808	1812	1852	S05	E02	6377	11	24.9	44	SN				E	28		K	
	PALE	24	1808	1828	1854	S04	E04	6377	11	25.0	46	SF			3	E	56			
	HOLL	24	1808	1829	1852	S05	E02	6377	11	24.9	44	SF	C	3.1	3	E	52		F	
	RAMY	24	1827	1828	1844	S04	E03	6377	11	25.0	17	SF			3	E	45		F	
	HOLL	24	1854	1859	1902	S05	E02	6377	11	24.9	8	SF			3	E	16		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	Obs See	Type	Area Measurement			Remarks
														Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0515	RAMY	24	1941	1942	1950	S06	E01	6377	11 24.9	90	SF	3	E		21		F
0516	PALE	24	2002	2013	2036	S04	E02	6377	11 25.0	34	SF C 3.5	3	E		26		F
0517	PALE	24	2047	2048	2054	S04	E03	6377	11 25.1	7	SF	3	E		12		
0518	LEAR	24	2202	2227	2321	S05	E00	6377	11 24.9	79	SF	3	E		72		F
0519		24	2212*	22421	2256	N16	W64	6368	11 20.1	44	SF C 3.9				73		F
	LEAR	24	2212	2243	2253	N16	W65	6368	11 20.0	41	1F C 3.9	3	E		121		F
	PALE	24	2234	2242	2259	N19	W62	6368	11 20.2	25	SF	3	E		59		
	HOLL	24	2241E	2241U	2251D	N14	W64	6368	11 20.1	100	SF	3	E		40		
0520	LEAR	24	2324	2327	2333	S04	E01	6377	11 25.0	9	SF	3	E		18		
0521		24	2326	2336	2438	N16	W66	6368	11 20.0	72	1F				164		EF
	PALE	24	2326	2336	2428	N16	W68	6368	11 19.8	62	1F	3	E		137		FE
	MITK	24	2347E		2447	N17	W65	6368	11 20.0	600	1F		C	2347	190		E
0522	LEAR	25	0055	0059	0113	S04	W01	6377	11 25.0	18	SF	3	E		13		
0523	LEAR	25	0129	0134	0141	S05	W02	6377	11 24.9	12	SF	3	E		14		
0524		25	0153*	0156*	0234	S04	W02	6377	11 24.9	41	SF C 3.3				86	2.0	F
	YUNN	25	0153	0156	0242	S03	W01	6377	11 25.0	49	SF		C		193	2.0	
	LEAR	25	0200	0215	0235	S04	W02	6377	11 24.9	35	SF C 3.3	3	E		47		F
	PALE	25	0208	0212	0224	S05	W03	6377	11 24.9	16	SF C 3.3	3	E		17		F
0525		25	0255*	03189	0351	S04	W03	6377	11 24.9	56	SN M 1.1				130	1.7	EFU
	WATU	25	0255	0318	0412	S04	W01	6377	11 25.0	77	SF		C	0318	100	1.0	
	LEAR	25	0316	0318	0349	S04	W02	6377	11 25.0	33	SN M 1.1	3	E		73		UE
	MITK	25	0316	0319	0357	S05	W04	6377	11 24.8	41	1B		C	0319	250	2.6	E
	PALE	25	0317	0318	0336	S05	W04	6377	11 24.8	19	SF M 1.1	3	E		79		F
	PURP	25	0317	0327	0340	S04	W04	6377	11 24.8	23	SN		C	0327	146	1.5	
0526	LEAR	25	0321	0326	0333	N19	W66	6368	11 20.1	12	SF	3	E		42		F
0527	LEAR	25	0330	0337	0344	S09	E08	6378	11 25.7	14	SF	3	E		15		
0528	PEKG	25	0337E	0340	0414	S03	E00	6377	11 25.1	370	SB		P	0340	168	1.7	E
0529	LEAR	25	0546	0550	0556	N21	W61	6368	11 20.6	10	SF	4	E		11		
0530	LEAR	25	0610	0617	0630	N21	W63	6368	11 20.4	20	SF	4	E		34		
0531	SVTO	25	0732	0732	0736	N17	W58	6368	11 20.9	4	SF	3	E		14		
0532	SVTO	25	0746	0747	0754	N13	W69	6368	11 20.1	8	SF	3	E		51		
0533		25	08102	0812	0830	N19	W66	6368	11 20.3	20	1F				211		D
	SVTO	25	0810	0812	0840	N18	W67	6368	11 20.2	30	1N	3	E		203		
	ISTA	25	0812		0817	N20	W67	6368	11 20.2	5	1F						D
	LEAR	25	0812E	0814U	0834	N19	W65	6368	11 20.4	220	1F	2	E		219		
0534	LEAR	25	0816	0817	0828	S04	W06	6377	11 24.9	12	SF	2	E		10		F
0535	SVTO	25	0954	1016	1053	N15	W67	6368	11 20.3	59	SF C 3.5	3	E		86		
0536		25	12077	1217	1228	S04	W07	6377	11 25.0	21	SF				40		F
	SVTO	25	1207	1221U	1238D	S05	W08	6377	11 24.9	310	SF	3	E		56		F
	RAMY	25	1214	1217	1228	S04	W06	6377	11 25.1	14	SF	4	E		24		F
0537		25	1246*	1249*	1313	N19	W73	6368	11 20.0	27	SF				35		F
	SVTO	25	1246	1313	1327	N17	W73	6368	11 20.0	41	SF	3	E		54		
	RAMY	25	1247	1249	1252	N23	W77	6368	11 19.6	5	SF	4	E		33		
	RAMY	25	1253	1300	1309	N19	W70	6368	11 20.2	16	SF	3	E		11		F
	RAMY	25	1311	1314	1325	N18	W71	6368	11 20.1	14	SF	3	E		43		
0538	RAMY	25	1438	1441	1445	S07	E53	6379	11 29.6	7	SF	3	E		21		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
						Lat	CMD	Region								Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0539	RAMY	25	1447	1449	1453	N21	W69	6368	11	20.3	6	SF		3	E		42		F
0540	RAMY	25	1503	1505	1511	N19	W72	6368	11	20.1	8	SF		3	E		27		F
0541	RAMY	25	1556	1559	1604	N21	W67	6368	11	20.5	8	SF		3	E		25		
0542	RAMY	25	1559	1559	1603	S05	W13	6377	11	24.7	4	SF		3	E		21		
0543		25	1647*	1648*	1704	N20	W71	6368	11	20.3	17	SF C 3.1					24		F
	RAMY	25	1647	1648	1655	N20	W71	6368	11	20.3	8	SF		3	E		14		F
	RAMY	25	1657	1657	1702	N19	W72	6368	11	20.2	5	SF		3	E		33		
	RAMY	25	1705	1707	1715	N20	W71	6368	11	20.3	10	SF C 3.1		3	E		25		
0544		25	1805	1805	1809	N20	W66	6368	11	20.7	4	SF					26		F
	PALE	25	1805	1805	1809	N19	W67	6368	11	20.6	4	SF		3	E		24		
	HOLL	25	1806E	1806U	1809D	N20	W66	6368	11	20.7	30	SF		2	E		27		F
0545	HOLL	25	1851	1852	1903	N21	E85	6383	12	2.3	12	SF		3	E		13		
0546	HOLL	25	1904E	1904U	1926D	N17	W73	6368	11	20.2	22D	1F M 1.5		2	E		153		F
0547		25	1908*	1908*	1920	S06	W12	6377	11	24.9	12	SF					18		F
	PALE	25	1908	1908	1914	S06	W14	6377	11	24.7	6	SF		3	E		24		
	PALE	25	1918	1918	1927	S05	W10	6377	11	25.0	9	SF		4	E		13		F
0548	PALE	25	1933	1933	1943	N18	W71	6368	11	20.4	10	SF		4	E		31		F
0549	PALE	25	2005	2008	2009	N20	W69	6368	11	20.5	4	SF		3	E		16		
0550	PALE	25	2040	2040	2044	N19	W73	6368	11	20.3	4	SF		3	E		22		
0551	PALE	25	2053	2053	2059	N18	W72	6368	11	20.4	6	SF		3	E		21		F
0552		25	2119	2122	2129	N18	W74	6368	11	20.2	10	SF C 4.8					24		FH
	PALE	25	2119	2122	2129	N19	W74	6368	11	20.2	10	SF		3	E		20		FH
	HOLL	25	2119E	2124U	2130D	N17	W74	6368	11	20.3	11D	SF C 4.8		3	E		29		
0553		25	22054	2212*	2253	N19	W73	6368	11	20.3	48	1F M 1.8					165		FK
	HOLL	25	2205	2214	2318D	N18	W73	6368	11	20.4	73D	1M		2	E		244		F
	PALE	25	2209	2212	2253	N19	W74	6368	11	20.3	44	SF			E		107		K
	PALE	25	2209	2224	2253	N19	W74	6368	11	20.3	44	SF M 1.8		3	E		65		
	LEAR	25	2211E	2214	2302D	N20	W72	6368	11	20.4	51D	2F			E		231		K
	LEAR	25	2211E	2225U	2302D	N20	W72	6368	11	20.4	51D	1F		2	E		176		
0554	HOLL	25	2221	2222	2226	S06	E46	6379	11	29.4	5	SF		2	E		27		
0555	PALE	26	0117	0125	0139	N18	W76	6368	11	20.3	22	2F C 6.3		3	E		265		
0556	TACH	26	0709	0718	0724	N16	W85	6368	11	19.8	15	SB		2	C	0718	76		E
0557		26	07121	07161	0726	S04	W17	6377	11	25.0	14	SN					114	1.2	E
	YUNN	26	0712	0716	0722	S05	W17	6377	11	25.0	10	SF			C		80	0.9	
	TACH	26	0713	0717	0731	S04	W17	6377	11	25.0	18	SB		2	C	0718	148	1.6	E
0558	YUNN	26	0809	0811	0822	S03	W19	6377	11	24.9	13	SN			C		48	0.5	
0559	KANZ	26	0929	0941	1003	S05	W18	6377	11	25.0	34	SF			V				
		26	1341		1359	No Flare Patrol													
0560		26	1406E	1409	1456D	S05	W24	6377	11	24.8	50D	SF C 3.7					48		F
	RAMY	26	1406E	1409	1456D	S05	W23	6377	11	24.9	50D	SF C 3.7		2	E		59		
	SVTO	26	1410E	1410U	1440D	S04	W23	6377	11	24.9	30D	SF C 3.7		2	E		38		F
	KANZ	26	1412E	1412U	1412D	S06	W25	6377	11	24.7	30D	SF			C				
		26	1419		1422	No Flare Patrol													
	26	1425		1438	No Flare Patrol														
	26	1448		1453	No Flare Patrol														
	26	1521		1528	No Flare Patrol														
	26	1604		1621	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	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0561		26	16383	1644	1701	S05	W24	6377	11	24.9	23	1N	C 2.4				114		F
	RAMY	26	1638	1644U	1703D	S05	W24	6377	11	24.9	25D	1N	C 2.4	3	E		102		
	HOLL	26	1641	1644	1701	S05	W24	6377	11	24.9	20	1N	C 2.4	3	E		125		F
0562	HOLL	26	1651	1652	1703D	N19	W80	6368	11	20.6	12D	SF	H 1.4	3	E		51		
		26	1704		1705	No Flare Patrol													
0563	RAMY	26	1706	1707	1712	N18	W90	6368	11	19.8	6	SF		3	E		52		
0564		26	1722*	1744*	1816	S06	W25	6377	11	24.8	54	SF	C 1.7				16		F
	RAMY	26	1722	1744	1827D	S04	W24	6377	11	24.9	65D	SF	C 1.7	3	E		22		F
	PALE	26	1730	1744	1753	S06	W25	6377	11	24.8	23	SF		3	E		15		
	PALE	26	1828	1828	1839	S07	W25	6377	11	24.9	11	SF		3	E		11		F
0565		26	17301	17301	1744	N14	W82	6368	11	20.5	14	SF					20		
	RAMY	26	1730	1730	1747	N16	W83	6368	11	20.4	17	SF		3	E		19		
	PALE	26	1731	1731	1741	N13	W81	6368	11	20.6	10	SF		3	E		21		
0566	RAMY	26	1846E	1851U	1855D	S04	W26	6377	11	24.8	9D	SF		3	E		22		
0567		26	19123	19161	1936	S05	W24	6377	11	25.0	24	SF					40		F
	PALE	26	1912	1916	1940	S05	W23	6377	11	25.1	28	SF		3	E		34		F
	RAMY	26	1913	1916U	1937D	S04	W25	6377	11	24.9	24D	SF		3	E		56		F
	HOLL	26	1915	1917	1931	S05	W24	6377	11	25.0	16	SF		2	E		30		F
0568	RAMY	26	1958	2011	2014	S05	W27	6377	11	24.8	16	SF		3	E		33		
0569	PALE	26	2035	2035	2039	N15	W90	6368	11	20.0	4	SF	C 4.2	3	E		20		
0570	PALE	26	2113	2114	2118	S04	W27	6377	11	24.9	5	SF		3	E		23		
0571	PALE	26	2209	2213	2229	S05	W25	6377	11	25.0	20	SF	C 3.0	3	E		71		F
		26	2256		2315	No Flare Patrol													
0572		27	00531	00553	0100	N14	W85	6368	11	20.6	7	SF					25		DH
	VORO	27	0053	0055	0100	N14	W89	6368	11	20.3	7	SF		2	C	0055	27		DH
	PALE	27	0054	0058	0100	N13	W81	6368	11	20.9	6	SF		3	E		23		
0573	VORO	27	0111	0113	0127	S09	W26	6378	11	25.1	16	SF		2	C	0113	81	0.9	EIJ
0574	VORO	27	0219	0223	0231	S09	W26	6378	11	25.1	12	SF		2	C	0223	72	0.8	DIJ
0575		27	04362	04452	0458	S04	W30	6377	11	24.9	22	SN					119	1.4	E
	WATU	27	0436	0445	0457	S03	W30	6377	11	25.0	21	SF		C		0445	70	0.8	
	PEKG	27	0438	0447	0459	S04	W30	6377	11	24.9	21	SB		C		0446	168	2.0	E
0576	WATU	27	0459	0504	0545	S12	W22	6378	11	25.5	46	SF			C	0504	80	0.9	
0577	LEAR	27	0632	0633	0645	N18	E66	6383	12	2.3	13	SF		3	E		36		F
0578	ABST	27	0656	0658	0709	N19	W88	6368	11	20.6	13	1F			C	0658	87		AD
0579	LEAR	27	0824	0824	0828	N18	E65	6383	12	2.3	4	SF		3	E		14		
		27	0951		0958	No Flare Patrol													
		27	1035		1049	No Flare Patrol													
		27	1625		1629	No Flare Patrol													
0580	HOLL	27	1807	1808	1817	N16	E59	6383	12	2.2	10	SF		3	E		17		
0581	HOLL	27	1855	1856	1858	N15	E61	6383	12	2.4	3	SF		3	E		23		
0582	HOLL	27	1932	1933	1941	S06	W39	6377	11	24.9	9	SF		3	E		14		F
0583	HOLL	27	1943	1953	1957	N17	E58	6383	12	2.2	14	SF		3	E		20		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/	CMP	Dur	Imp	Obs	Area Measurement			Remarks			
								USAF Region					Mo	Day	(Min)		Opt	Xray	See
0584		28	06542	06571	0712	S04	W49	6377	11	24.6	18	SN	C 6.2			81	1.4	BEF	
	LEAR	28	0654	0658	0714	S04	W49	6377	11	24.6	20	SF	C 6.2	3	E		68	F	
	WATU	28	0654	0658	0714	S04	W50	6377	11	24.5	20	SN			C	0658	80	1.3	
	YUNN	28	0656E	0656U	0657D	S04	W51	6377	11	24.5	10	SB			P	0656	64	1.1	
	URUM	28	0656	0657	0710	S04	W49	6377	11	24.6	14	SN			C		113	1.8	
	ISTA	28	0703E		0710	S04	W48	6377	11	24.7	7D	SF						E B	
0585	TACH	28	0655E	0659	0708D	N15	W24	6386	11	26.5	13D	SB		1	C	0659	143	1.8	F
0586		28	08102	08131	0821	S24	E78	6387	12	4.4	11	1N	C 3.9				38		D
	ISTA	28	0810	0814	0824	S23	E80	6387	12	4.5	14	1B							D
	LEAR	28	0812	0813	0818	S25	E77	6387	12	4.3	6	SF	C 3.9	3	E		38		
0587	RAMY	28	1526	1528	1537	N16	E46	6383	12	2.1	11	SF		3	E		29		F
0588	RAMY	28	1606	1629	1631	S22	E77	6387	12	4.6	25	SF		3	E		27		F
		28	1755		1800	No Flare Patrol													
0589		28	19071	1908	1924	S04	W55	6377	11	24.7	17	SF	C 5.5				18		
	HOLL	28	1907	1908	1924	S05	W55	6377	11	24.7	17	SF	C 5.5	3	E		25		
	RAMY	28	1908	1908	1923	S04	W55	6377	11	24.7	15	SF	C 5.5	3	E		11		
0590	HOLL	28	1939	1940	1950	S07	W53	6377	11	24.8	11	SF		3	E		13		
0591	LEAR	28	2257	2257	2309	S05	W55	6377	11	24.8	12	SF		3	E		12		
0592		29	0114*	01321	0142	S04	W60	6377	11	24.6	28	1F					67	2.0	DH1
	LEAR	29	0114	0132	0140	S05	W57	6377	11	24.8	26	SF		3	E		35		
	VORO	29	0128	0133	0144	S04	W62	6377	11	24.4	16	1F		2	C	0133	99	2.0	DH1
0593		29	01461	01501	0158	N14	E46	6383	12	2.6	12	SF	C 4.2				76	1.6	DH
	VORO	29	0146	0151	0159	N15	E46	6383	12	2.5	13	SF		2	C	0151	108	1.6	DH
	LEAR	29	0147	0150	0158	N14	E45	6383	12	2.5	11	SF	C 4.2	3	E		43		
0594	LEAR	29	0340	0342	0348	S04	W61	6377	11	24.6	8	SF		3	E		19		
0595	LEAR	29	0355	0356	0401	N16	E40	6383	12	2.2	6	SF		3	E		14		
0596	LEAR	29	0851	0852	0904	S06	W61	6377	11	24.8	13	SF		3	E		14		
0597		29	09473	09536	1025	S20	E66	6387	12	4.4	38	1N	C 9.9				110		F
	SVTO	29	0947	0959	1025	S19	E68	6387	12	4.6	38	1N	C 9.9	3	E		144		F
	LEAR	29	0950	0953	1000D	S21	E63	6387	12	4.2	10D	SF		1	E		75		
0598		29	1412	1412	1424	N14	E40	6383	12	2.6	12	SN					20	0.4	F
	RAMY	29	1412	1412	1424	N14	E39	6383	12	2.5	12	SF		3	E		11		F
	HTPR	29	1413E		1425	N13	E42	6383	12	2.8	12D	SN			C	1413	30	0.4	
0599	HOLL	29	1758	1758	1803	S06	W05	6379	11	29.4	5	SF		3	E		13		F
0600		29	1912*	19244	2001	S07	E18	6388	12	1.1	49	SF	C 2.0				24		F
	HOLL	29	1912	1924	2001	S08	E18	6388	12	1.1	49	SF	C 2.0	3	E		31		F
	PALE	29	1927	1928	1946D	S06	E19	6388	12	1.2	19D	SF		3	E		18		
0601		29	2033*	20511	2151	S08	E18	6388	12	1.2	78	SF	C 2.2				32		F
	HOLL	29	2033	2052	2151	S08	E17	6388	12	1.1	78	SF	C 2.2	3	E		46		F
	RAMY	29	2050	2051	2057D	S07	E18	6388	12	1.2	7D	SF	C 2.2	2	E		18		F
0602	WATU	30	0231	0255	0343	S07	W09	6379	11	29.4	72	SF			C	0255	90	1.0	
0603	LEAR	30	0252	0350	0413	S07	E13	6388	12	1.1	81	SF		3	E		82		F
0604	LEAR	30	0308	0314	0327	N34	E71	6390	12	5.8	19	SF	C 2.4	3	E		23		F
0605	LEAR	30	0358	0402	0447	S26	E45	6393	12	3.7	49	SF	C 3.4	3	E		48		F
0606		30	0528*	05521	0616	S24	E52	6387	12	4.2	48	1N	C 6.2				102	2.2	E
	TACH	30	0528	0552	0616	S24	E52	6387	12	4.2	48	1N		2	C	0552	117	2.2	E
	LEAR	30	0544	0553	0616	S23	E53	6387	12	4.3	32	SF	C 6.2	3	E		86		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0607		30	0746	0751	0816	S23	E52	6387	12	4.3	30	SF	C 2.1				43	0.9	EF
	LEAR	30	0746	0756	0817	S24	E51	6387	12	4.3	31	SF	C 2.1	3	E		35		F
	TACH	30	0747	0751	0800	S24	E50	6387	12	4.2	130	SN		2	C	0751	51	0.9	E
	KANZ	30	0747	0755	0814	S21	E54	6387	12	4.5	27	SF			C				
0608	LEAR	30	0918	0921	0935	S24	E53	6387	12	4.5	17	SF	C 2.2	3	E		20		F
0609	HTPR	30	0918		0945	N23	E90		12	7.3	27	SN			C				
0610	HTPR	30	1045	1059	1110	N23	E90		12	7.4	25	SF			C				
0611		30	1224	1228	1240	S22	E50	6387	12	4.3	16	1N	C 4.8				158	2.8	FH
	RAMY	30	1224	1230	1242	S21	E47	6387	12	4.1	18	1N	C 4.8	3	E		127		FH
	HTPR	30	1225	1228	1239	S24	E52	6387	12	4.5	14	1N			C	1228	190	2.8	H
0612	RAMY	30	1315	1316	1322	S06	W76	6377	11	24.9	7	SF		4	E		15		
0613	RAMY	30	1358	1359	1409	S06	E07	6388	12	1.1	11	SF		3	E		34		F
0614	HOLL	30	1533	1534	1544	S07	W75	6377	11	25.0	11	SF		3	E		22		F
0615	HOLL	30	1533	1537	1543	S23	E49	6387	12	4.4	10	SF		3	E		23		F
0616	HOLL	30	1546	1548	1604	S07	W75	6377	11	25.0	18	SF	C 2.1	3	E		16		F
0617		30	1603	1607	1629	S24	E48	6387	12	4.4	26	SF					42		F
	HOLL	30	1603	1607	1639	S23	E48	6387	12	4.4	36	SF		3	E		51		F
	RAMY	30	1606	1607	1619	S24	E49	6387	12	4.4	13	SF		3	E		34		F
0618	HOLL	30	1738	1738	1755	S23	E47	6387	12	4.3	17	SF	C 2.4	3	E		10		F
0619	HOLL	30	1811	1811	1822	N35	E64	6390	12	5.9	11	SF		3	E		14		F

"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.