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Nov 00

H α SOLAR FLARES

NOVEMBER 2000

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
			01 0128		0211	No Flare Patrol													
0001	URUM	01	0220	0223	0231	N23	W50	9206	10	28.3	11	SF			C		16	0.3	D
			01 0812		0825	No Flare Patrol													
0002	SVTO	01	1040	1042	1049	N20	E44	9218	11	4.8	9	SF		3	E		11		
			01 1123		1201	No Flare Patrol													
0003	RAMY	01	1302	1308	1320	N17	E44	9218	11	4.9	18	SF		3	E		48		
			01 1340		1351	No Flare Patrol													
0004	RAMY	01	1536	1537	1540	N06	E24	9212	11	3.4	4	SF		3	E		16		F
0005	HOLL	01	1834	1835	1839	N20	E40	9218	11	4.8	5	SF		3	E		32		E
0006	HOLL	01	1840	1844	1854	N20	E42	9218	11	5.0	14	SF		3	E		42		F
0007	HOLL	01	2130	2133	2147	N19	E42	9218	11	5.1	17	SF		3	E		17		F
0008	HOLL	01	2301	2303	2311	N19	E39	9218	11	4.9	10	SF		3	E		17		F
			02 0004		0018	No Flare Patrol													
			02 0037		0100	No Flare Patrol													
			02 0150		0209	No Flare Patrol													
0009	LEAR	02	0721	0725	0729	N20	E34	9218	11	4.9	8	SF		3	E		18		F
0010	LEAR	02	0821	0823	0828	S11	E07	9214	11	2.9	7	SF		3	E		25		
			02 1326		1327	No Flare Patrol													
0011	HOLL	02	1836	1838	1843	N13	E14	9212	11	3.8	7	SF		3	E		18		F
0012	RAMY	02	1856	1858	1907	N01	E13	9213	11	3.7	11	SF		3	E		18		F
0013	LEAR	03	0423	0425	0428	N01	E02	9213	11	3.3	5	SF		3	E		27		
0014	URUM	03	0440	0500	0520	N31	W08		11	2.6	40	2B			C		530	6.2	E
0015	LEAR	03	0444	0512	0532	N07	W02	9212	11	3.0	48	SF		3	E		54		F
0016	LEAR	03	0459	0511	0523	N07	E05	9213	11	3.6	24	SF		3	E		61		F
			03 1112		1204	No Flare Patrol													
0017	RAMY	03	1323	1326	1334	S28	W25	9210	11	1.6	11	SF		3	E		67		
0018	RAMY	03	1449	1451	1513D	S10	W08	9214	11	3.0	24D	SF		3	E		14		F
0019	HOLL	03	1851	1852	1920	N02	W02	9213	11	3.6	29	SF		3	E		36		F
0020	HOLL	03	2015	2017	2023	S21	W41	9209	10	31.7	8	SF		3	E		42		F
0021		03	2059	21002	2122	S20	W42	9209	10	31.7	23	SF					63		F
	RAMY	03	2059	2100	2116D	S20	W42	9209	10	31.7	17D	SF		3	E		27		
	HOLL	03	2059	2102	2122	S20	W42	9209	10	31.7	23	SF		3	E		99		F
0022	LEAR	03	2258	2259	2311	N10	W07	9212	11	3.4	13	SF		3	E		26		
0023	URUM	04	0149E	0149	0200	S23	W40	9209	11	1.0	11D	SF			P		32	0.5	D
0024	URUM	04	0240	0248	0304	N04	W03	9213A	11	3.9	24	SN			C		161	1.7	E
0025	URUM	04	0339E	0339	0351	S20	W47	9209	10	31.5	12D	SF			P		16	0.3	D
0026	URUM	04	0427E	0427	0427D	S22	W46	9209	10	31.6	12D	SF			P		32	0.5	D

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0027	LEAR	04	0440	0441	0445	S23	W75	9217	10	29.5	5	SF		3	E		25			
0028		04	0738	07374	0742	N10	W14	9212	11	3.3	4	SN					21	0.2	D	
	URUM	04	0737E	0737	0741	N10	W15	9212	11	3.2	4D	SB			P		16	0.2	D	
	LEAR	04	0738	0741	0744	N10	W14	9212	11	3.3	6	SF		3	E		26			
			04	1011		1534	No Flare Patrol													
			04	1714		1722	No Flare Patrol													
			04	1755		1835	No Flare Patrol													
			04	1909		2021	No Flare Patrol													
		04	2058		2122	No Flare Patrol														
		04	2202		2212	No Flare Patrol														
0029	LEAR	05	0115	0148	0232	N14	W06	9218	11	4.6	77	1F		3	E		104			F
		05	1015		1110	No Flare Patrol														
0030	RAMY	05	1549	1549	1556	N03	W26	9213	11	3.7	7	SF		3	E		17			F
0031	RAMY	05	1559	1602	1612	S18	W63	9209	10	31.9	13	SF		3	E		71			
		05	2111		2215	No Flare Patrol														
0032		06	09304	09341	0944	S29	W60	9210	11	1.7	14	SF					61			EF
	URUM	06	0930	0934	0942	S30	W60	9210	11	1.7	12	SF			C		48			E
	LEAR	06	0934	0935	0946	S28	W59	9210	11	1.8	12	SF		3	E		74			F
		06	1010		1018	No Flare Patrol														
		06	1235		1239	No Flare Patrol														
		06	1305		1306	No Flare Patrol														
		06	1421		1439	No Flare Patrol														
		06	1451		1515	No Flare Patrol														
0033	RAMY	06	1629	1629	1643	S27	W61	9210	11	1.9	14	SF		3	E		27			
		06	1837		2309	No Flare Patrol														
0034	LEAR	07	0009	0010	0016	S28	W67	9210	11	1.8	7	SF		3	E		30			
0035	LEAR	07	0341	0342	0347	N01	W40	9213	11	4.2	6	SF		3	E		15			F
0036		07	11591	1203	1236	N04	W52	9213	11	3.6	37	1F					110			FH
	RAMY	07	1159	1203	1249	N06	W54	9213	11	3.4	50	1F		3	E		181			FH
	SVTO	07	1200	1203	1222	N02	W50	9213	11	3.8	22	SF		3	E		40			F
		07	1532		1622	No Flare Patrol														
0037	RAMY	07	1626	1629	1636	N14	W78	9226	11	1.8	10	SF		3	E		26			
		07	1712		1908	No Flare Patrol														
		07	1957		2012	No Flare Patrol														
0038	RAMY	07	2034	2034	2048	S18	W15	9225	11	6.7	14	SF		3	E		14			
		07	2037		2045	No Flare Patrol														
		07	2105		2215	No Flare Patrol														
0039	LEAR	07	2235	2256	2348	N12	W80	9226	11	1.9	73	SF		3	E		63			F
0040	LEAR	08	0025	0030	0036	N13	W81	9226	11	1.9	11	SF		3	E		32			F
		08	1001		1049	No Flare Patrol														
0041	RAMY	08	1136	1142	1150D	N13	W89	9226	11	1.8	14D	SF		3	E		55			
0042	RAMY	08	1243	1243	1247	N13	W91	9226	11	1.7	4	SF		3	E		36			
0043	RAMY	08	1635	1639	1651	N11	W79	9226	11	2.7	16	SF		3	E		13			

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																Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0044	HOLL	08	1653	1653	1656	S13	E55	9227	11	12.8	3	SF		3	E		28		H
		08	1824		1829	No Flare Patrol													
0045	HOLL	08	2146	2148	2158	N05	W75	9213	11	3.3	12	SF		3	E		49		F
0046		08	22404	23234	2430	N20	W66	9218	11	3.9	110	1F					172		F
	LEAR	08	2240	2323	2430	N20	W66	9218	11	3.9	110	1F		3	E		161		F
	HOLL	08	2244	2327	2334D	N19	W65	9218	11	4.0	50D	1F		3	E		182		F
0047	LEAR	08	2259	2310	2431	N10	W75	9212	11	3.3	92	1N		3	E		157		FU
0048	HOLL	08	2300	2329	2334D	N10	W77	9213	11	3.2	34D	3F		3	E		601		F
0049	KANZ	09	1006	1012	1026	S12	E14	9221	11	10.5	20	SF		2	E				
		09	1054		1106	No Flare Patrol													
		09	1213		1345	No Flare Patrol													
0050		09	1535*	15505	1710	S12	E10	9221	11	10.4	95	1F					104		FSZ
	RAMY	09	1535	1550	1639D	S14	E11	9221	11	10.5	64D	1F		3	E		131		FS
	HOLL	09	1547	1555	1710	S11	E10	9221	11	10.4	83	SF		3	E		78		ZF
0051	RAMY	09	1922	1923	1930	N21	W67	9218	11	4.7	8	SF		3	E		41		
0052		09	19561	19571	2002	N20	W69	9218	11	4.5	6	SF					22		
	HOLL	09	1956	1958	1959	N18	W70	9218	11	4.5	3	SF		3	E		11		
	RAMY	09	1957	1957	2005	N21	W68	9218	11	4.6	8	SF		3	E		32		
0053		09	2116	2122	2150	S18	W43	9225	11	6.6	34	1N					126		FU
	HOLL	09	2116	2122	2150	S19	W43	9225	11	6.6	34	1F		3	E		114		UF
	RAMY	09	2122E	2122U	2136D	S18	W43	9225	11	6.6	14D	1N		3	E		137		
		10	1003		1027	No Flare Patrol													
		10	2144		2151	No Flare Patrol													
0054	LEAR	11	0003	0005	0014	N19	W84	9218	11	4.6	11	SF		2	E		71		F
0055	KANZ	12	0926	0928	0938	S13	W23	9221	11	10.6	12	SF		2	E				
0056		12	14043	1413	1504	S15	E05	9227	11	13.0	60	1F					64		F
	KANZ	12	1404	1413	1436D	S16	E07	9227	11	13.1	32D	1F		2	E				
	RAMY	12	1407	1413	1513	S14	E04	9227	11	12.9	66	1F		3	E		109		F
	SVTO	12	1407	1420U	1454	S14	E04	9227	11	12.9	47	SF		3	E		19		
		12	1918		1949	No Flare Patrol													
		12	2057		2123	No Flare Patrol													
0057	URUM	13	0542E	0542	0542D	S07	W09	9227	11	12.6	47D	SF			P		16	0.2	D
0058		13	16252	16282	1646	S11	W14	9227	11	12.6	21	SF					24		F
	RAMY	13	1625	1630	1650	S11	W15	9227	11	12.5	25	SF		3	E		34		F
	HOLL	13	1627	1628	1642	S11	W13	9227	11	12.7	15	SF		3	E		15		F
0059	LEAR	14	0025	0025	0031	S23	E68	9231	11	19.2	6	SF		3	E		32		
0060	LEAR	14	0224	0224	0227	S23	E67	9231	11	19.3	3	SF		4	E		33		
0061	LEAR	14	0600	0600	0607	S23	E65	9231	11	19.2	7	SF		3	E		32		
0062	LEAR	14	0728	0729	0732	S12	W50	9221	11	10.5	4	SF		3	E		12		
0063	LEAR	14	0746	0803	0901	S26	E65	9231	11	19.4	75	2N		3	E		323		EF
		14	0944		1055	No Flare Patrol													
0064	RAMY	14	1126	1142	1149	S26	E62	9231	11	19.3	23	SF		3	E		78		
0065	RAMY	14	1318	1321	1326	S25	E60	9231	11	19.2	8	SF		3	E		56		

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Grp #	Sta	Start Day (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt Xray	Obs See	Type	Area Measurement			Remarks
													Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0066	SVTO	14 1320	1321	1325	S18	E53	9231	11 18.6	5	SF	3	E		15		
0067	RAMY	14 1450	1452	1459	S25	E60	9231	11 19.3	9	SF	3	E		44		
0068	RAMY	14 1508	1509	1521	S26	E60	9231	11 19.3	13	SF	3	E		18		F
0069	HOLL	14 1523	1537	1539	S23	E62	9231	11 19.4	16	SF	3	E		63		
0070		14 18271	1829	1846	S24	E58	9231	11 19.2	19	SF				60		F
	HOLL	14 1827	1829	1836	S23	E59	9231	11 19.3	9	SF	3	E		60		F
	RAMY	14 1828	1829	1856	S25	E57	9231	11 19.2	28	SF	3	E		61		
0071	RAMY	14 1915	1915	1929	S13	W45	9223	11 11.4	14	SF	3	E		25		
0072	HOLL	14 2018	2033	2039	S25	E62	9231	11 19.6	21	SF	3	E		24		F
		14 2121		2230	No Flare Patrol											
0073		15 0243	02441	0302	S16	W48	9223	11 11.5	19	1B				110	1.6	EF
	LEAR	15 0243	0244	0308	S15	W48	9223	11 11.5	25	1B	3	E		123		F
	URUM	15 0245E	0245	0256	S16	W49	9223	11 11.4	11D	SB		P		96	1.6	E
0074		15 1819*	1821*	1835	S26	E42	9231	11 19.0	16	SF				38		F
	RAMY	15 1819	1821	1829	S26	E42	9231	11 19.0	10	SF	4	E		57		F
	RAMY	15 1832	1834	1841	S26	E42	9231	11 19.0	9	SF	4	E		18		
		15 2029		2338	No Flare Patrol											
		15 2353		2400	No Flare Patrol											
		16 0000		0303	No Flare Patrol											
0075	LEAR	16 0654	0655	0657	S25	E39	9231	11 19.3	3	SF	3	E		20		
		16 1004		1005	No Flare Patrol											
0076		16 18381	18391	1843	N12	E62	9235	11 21.4	5	SF				21		
	HOLL	16 1838	1839	1843	N13	E62	9235	11 21.4	5	SF	3	E		27		
	RAMY	16 1839	1840	1843	N10	E62	9235	11 21.4	4	SF	3	E		15		
0077	HOLL	16 1935	1935	1938	N12	E62	9235	11 21.5	3	SF	3	E		15		
0078	HOLL	16 2133	2142	2204	N12	E59	9235	11 21.3	31	SF	3	E		52		F
0079	LEAR	17 0204	0209	0211	N14	W33		11 14.6	7	SF	3	E		24		
0080	LEAR	17 0720	0720	0733	S24	E24	9231	11 19.1	13	SF	3	E		12		
		17 1035		1046	No Flare Patrol											
0081	SVTO	17 1112E	1113U	1131D	S25	E14	9231	11 18.5	19D	SF	3	E		17		FS
0082		17 1846	1847	1914	N11	E52	9235	11 21.7	28	SF				30		F
	HOLL	17 1846	1847	1858	N13	E52	9235	11 21.7	12	SF	3	E		31		F
	RAMY	17 1846	1847	1931	N09	E52	9235	11 21.7	45	SF	3	E		28		F
0083	HOLL	17 1913	1918	1927	N13	E48	9235	11 21.4	14	SF	3	E		22		F
0084	RAMY	17 2007	2009	2011	S09	W72	9227	11 12.4	4	SF	3	E		32		
0085		17 20244	20281	2040	S12	W64	9227	11 13.0	16	SF				18		
	RAMY	17 2024	2028	2042	S11	W64	9227	11 13.0	18	SF	3	E		23		
	RAMY	17 2028	2029	2039	S12	W63	9227	11 13.1	11	SF	3	E		14		
0086	RAMY	17 2036	2046	2110	S24	E06	9231	11 18.3	34	1F	3	E		110		FH
0087	HOLL	17 2218	2224	2242	N12	E49	9235	11 21.6	24	SF	3	E		49		
0088	LEAR	17 2350	2420	2437	S12	W73	9227	11 12.5	47	1F	3	E		105		
		18 0111		0823	No Flare Patrol											

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															Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0089	LEAR	18	0146	0147	0155	N13	E41	9235	11	21.2	9	SF	3	E		35		F
0090	LEAR	18	0228	0233	0246	S14	W76	9227	11	12.3	18	1F	3	E		124		
0091	LEAR	18	0258	0307	0317	N13	E41	9235	11	21.2	19	SF	3	E		45		F
0092	LEAR	18	0556	0558	0603	S24	E10	9231	11	19.0	7	SF	3	E		19		F
0093	LEAR	18	0610	0612	0616	S23	E03	9231	11	18.5	6	SF	3	E		17		
0094	LEAR	18	0706	0708	0716	N13	E39	9235	11	21.2	10	SF	3	E		31		
0095	LEAR	18	0818	0822	0826	S21	E06	9231	11	18.8	8	SF	3	E		26		
0096	LEAR	18	0913	0915	0917	S22	E00	9231	11	18.4	4	SF	3	E		10		
		18	1052		1057	No Flare Patrol												
0097		18	1058E	1100U	1125	S24	E06	9231	11	18.9	27D	SF				40		F
	SVTO	18	1058E	1100U	1119D	S23	E04	9231	11	18.8	21D	SF	3	E		40		F
	RAMY	18	1100E	1101U	1125	S25	E08	9231	11	19.1	25D	SF	3	E		41		F
0098	RAMY	18	1130	1132	1152	N12	E38	9235	11	21.3	22	SF	3	E		75		
0099		18	13063	1315	1412	N12	E36	9235	11	21.2	66	1F				129		FH
	RAMY	18	1306	1315	1419	N11	E37	9235	11	21.3	73	1F	3	E		188		FH
	SVTO	18	1309	1320U	1404	N14	E36	9235	11	21.3	55	SF	3	E		70		FH
0100	RAMY	18	1416	1419	1423	S11	W85	9227	11	12.2	7	SF	3	E		27		
		18	1511		1520	No Flare Patrol												
		18	1528		1530	No Flare Patrol												
0101		18	18511	1852	1857	S22	W05	9231	11	18.4	6	SF				42		F
	RAMY	18	1851	1852	1856	S22	W06	9231	11	18.3	5	SF	3	E		55		
	HOLL	18	1852	1852	1858	S22	W04	9231	11	18.5	6	SF	3	E		28		F
		18	2121		2124	No Flare Patrol												
0102	LEAR	19	0122	0123	0128	S21	W09	9231	11	18.4	6	SF	3	E		41		F
0103	URUM	19	0230	0234	0245	S24	W03	9231	11	18.9	15	SN		C		32	0.4	D
0104	URUM	19	0538E	0538	0538D	S37	W67		11	13.8	15D	SB		P		32		D
0105	LEAR	19	0724	0725	0733	S24	W06	9231	11	18.8	9	SF	3	E		18		F
		19	1025		1101	No Flare Patrol												
0106	RAMY	19	1140	1141	1155	N20	W25	9234	11	17.6	15	1N	3	E		125		F
0107	RAMY	19	1831	1833	1838	N11	W29	9237	11	17.6	7	SF	3	E		10		F
0108	LEAR	20	0006	0007	0012	S23	W24	9231	11	18.1	6	SF	3	E		12		
0109	LEAR	20	0016	0022	0115	S20	W24	9231	11	18.2	59	SF	3	E		70		
0110	LEAR	20	0116	0116	0122	N14	E22	9235	11	21.7	6	SF	3	E		11		
0111	KANZ	20	0835	0840	0853	S23	W16	9231	11	19.1	18	SF	2	E				
0112		20	09023	09061	0920	S24	W16	9231	11	19.1	18	SF				14		
	KANZ	20	0902	0906	0920	S24	W16	9231	11	19.1	18	SF	2	E				
	LEAR	20	0905	0907	0920	S24	W16	9231	11	19.1	15	SF	3	E		14		
0113		20	0934	09352	0944	S26	W14	9231	11	19.3	10	SN				44		F
	SVTO	20	0934	0935	0946	S26	W13	9231	11	19.4	12	SN	3	E		44		F
	KANZ	20	0934	0937	0942	S27	W14	9231	11	19.3	8	SF	2	E				

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Opt	Xray	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0114	RAMY	20	1306	1317	1353D	S24	W18	9231	11	19.1	47D	SF		4	E		52		FH
0115	RAMY	20	1602	1603	1609	N10	W42	9237	11	17.5	7	SF		3	E		15		
		20	2214		2239	No Flare Patrol													
0116	LEAR	20	2332	2333	2339	S25	W21	9231	11	19.3	7	SF		4	E		20		
0117	URUM	21	0246E	0246	0246D	N19	E25	9241	11	23.0	7D	SN			P		32	0.4	D
0118	LEAR	21	0519	0519	0526	S24	W28	9231	11	19.0	7	SF		4	E		12		
		21	1007		1014	No Flare Patrol													
0119	RAMY	21	1258	1300	1310	N15	W67	9237	11	16.5	12	SF		3	E		28		
0120	RAMY	21	1424	1426	1449	N13	W69	9237	11	16.4	25	SF		3	E		52		F
0121	SVTO	21	1426E	1426U	1433	N10	W56	9237	11	17.4	7D	SF		3	E		23		
0122	RAMY	21	1536	1537	1545	N13	W70	9237	11	16.4	9	SF		3	E		48		F
0123	RAMY	21	1917	1917U	1949	N15	W71	9237	11	16.4	32	SN		3	E		51		F
		21	2018		2033	No Flare Patrol													
		21	2041		2231	No Flare Patrol													
0124	LEAR	22	0151	0151	0201	S19	E49		11	25.8	10	SF		3	E		50		
0125	LEAR	22	0335	0341	0416	N09	W63	9237	11	17.4	41	SF		3	E		45		
0126	LEAR	22	0446	0453	0457	N18	E25	9236	11	24.1	11	SF		3	E		40		H
0127		22	0627	0628E	0633	N18	E24	9236	11	24.1	6	SN					41	0.8	D
	LEAR	22	0627	0630	0634	N17	E23	9236	11	24.0	7	SF		3	E		18		
	URUM	22	0628E	0628	0632	N19	E24	9236	11	24.1	4D	SN			P		64	0.8	D
0128	LEAR	22	0702	0704	0709	N18	E21	9236	11	23.9	7	SF		3	E		39		
0129		22	0804I	08074	0817	N19	E25	9236	11	24.2	13	1N					76	0.6	E
	KANZ	22	0804	0807	0818	N18	E23	9236	11	24.1	14	1F		2	E				
	LEAR	22	0805	0811	0818	N20	E27	9236	11	24.4	13	1F		3	E		105		
	URUM	22	0807E	0807	0815	N18	E25	9236	11	24.2	8D	SB			P		48	0.6	E
0130	KANZ	22	0807	0808	0816	N19	E32	9236	11	24.8	9	SF		2	E				
0131		22	0827	0828E	0834	N11	E79	9240	11	28.3	7	SF					33		
	KANZ	22	0827	0828	0832	N11	E78	9240	11	28.2	5	SF		2	E				
	LEAR	22	0827	0831	0836	N11	E80	9240	11	28.4	9	SF		3	E		33		
0132	LEAR	22	0845	0847	0850	N18	E19	9236	11	23.8	5	SF		3	E		19		
		22	1022		1148	No Flare Patrol													
0133	RAMY	22	1238	1241	1244	N17	E18	9236	11	23.9	6	SF		3	E		18		
		22	1302		1429	No Flare Patrol													
0134	RAMY	22	1619	1620	1627	N16	E17	9236	11	24.0	8	1N		3	E		162		FH
0135	RAMY	22	1632	1635	1643	N17	E16	9236	11	23.9	11	SF		3	E		38		FH
0136	RAMY	22	1906	1908	1917	S24	W44	9231	11	19.4	11	SF		3	E		22		FH
0137	RAMY	22	1917	1918	1921	N08	E77	9240	11	28.6	4	SF		3	E		14		
0138	HOLL	22	2253	2254	2257	S24	W46	9231	11	19.4	4	SF		3	E		11		F
0139	LEAR	23	0234	0238	0252	S25	W47	9231	11	19.5	18	SF		4	E		78		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
															Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0140	LEAR	23	0409	0409	0416	S25	W49	9231	11	19.4	7	SF	3	E		25		F
0141	23	05361	05453	0620	S26	W40	9238	11	20.1	44	2N					354	8.5	EF
	LEAR	23	0536	0548	0615	S26	W40	9238	11	20.1	39	1F	3	E		146		F
	URUM	23	0537	0545	0624	S25	W40	9238	11	20.1	47	2B		C		563	8.5	E
0142	LEAR	23	0611	0611	0619	S26	W49	9231	11	19.4	8	SF	3	E		10		
0143	LEAR	23	0826	0831	0842	S25	W51	9231	11	19.4	16	SF	3	E		70		
0144	LEAR	23	0923	0924	0929	S25	W50	9231	11	19.5	6	SF	3	E		12		F
0145	LEAR	23	0938	0939	0944	S24	W56	9231	11	19.1	6	SF	3	E		14		
0146	LEAR	23	1006	1007	1013	S23	W55	9231	11	19.2	7	SF	3	E		34		
		23	1044		1111	No Flare Patrol												
0147	RAMY	23	1303	1303	1308	S22	W59	9231	11	19.0	5	SF	3	E		13		
0148	RAMY	23	1421	1423	1432	S24	W55	9231	11	19.3	11	1N	3	E		103		H
0149	RAMY	23	1430	1435	1447	N22	E05	9236	11	24.0	17	SF	3	E		21		F
0150	RAMY	23	1652	1657	1706	N22	E04	9236	11	24.0	14	SF	3	E		12		F
		23	1758		1813	No Flare Patrol												
0151	HOLL	23	1811	1811	1815	N19	E07	9236	11	24.3	4	SF	3	E		52		F
0152	HOLL	23	1821	1822	1830	N22	E00	9236	11	23.8	9	SF	3	E		35		F
		23	1836		1856	No Flare Patrol												
0153	HOLL	23	1938	1943	1950	N08	E64	9240	11	28.6	12	SF	3	E		58		
0154	HOLL	23	2004	2006	2015	S21	W60	9231	11	19.2	11	SF	3	E		54		F
		23	2052		2211	No Flare Patrol												
0155	HOLL	23	2320E	2330U	2340D	N22	E09	9236	11	24.7	20D	SF	1	E		30		
0156	LEAR	23	2320	2328	2357	N22	W03	9236	11	23.7	37	1N	3	E		198		F
0157	LEAR	23	2359	2402U	2404	N22	W03	9236	11	23.8	5	SF	3	E		32		
0158	LEAR	24	0016	0017	0020	S21	E48	9239	11	27.7	4	SF	3	E		42		
0159	LEAR	24	0217	0220	0228	N23	W04	9236	11	23.8	11	SF	3	E		16		
0160	LEAR	24	0351E	0352	0402	N24	W07	9236	11	23.6	11D	SF	3	E		56		
0161	LEAR	24	0407	0407	0422	N23	W05	9236	11	23.8	15	SF	3	E		11		F
0162	LEAR	24	0456	0456	0500	N10	E60	9240	11	28.7	4	SF	3	E		19		
0163	LEAR	24	0457	0501	0535	N20	W05	9236	11	23.8	38	3B	3	E		683		EF
0164	LEAR	24	0728	0738	0805	N21	W08	9236	11	23.7	37	SF	3	E		45		F
0165	LEAR	24	0759	0759	0804	S26	W64	9231	11	19.4	5	SF	3	E		16		
		24	1021		1108	No Flare Patrol												
0166	RAMY	24	1136	1140	1149	N22	W04	9236	11	24.2	13	SF	3	E		17		F
0167	RAMY	24	1316	1318	1325	S24	W69	9231	11	19.2	9	SF	3	E		42		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks		
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)			
0168	24	14547	15106	1601	N20	W08	9236	11	24.0	67	2B						404		FH		
	RAMY	24	1454	1510	1605	N19	W09	9236	11	23.9	71	2B	3	E			505		FH		
	HOLL	24	1501	1516	1557	N22	W07	9236	11	24.1	56	2B	3	E			303				
0169	HOLL	24	1544	1551	1558	S22	W71	9231	11	19.2	14	SF			3	E		12			
0170	HOLL	24	1559	1600	1606	S22	W73	9231	11	19.0	7	SF			3	E		16			
0171	RAMY	24	1639	1639	1650	S22	W74	9231	11	19.0	11	SF			3	E		14		F	
0172	HOLL	24	1928	1939	2003	S23	W74	9231	11	19.1	35	SF			3	E		13			
		24	2122		2137															No Flare Patrol	
		24	2141		2151															No Flare Patrol	
0173	HOLL	24	2146	2154	2249	N21	W14	9236	11	23.8	63	2N			3	E		309		FH	
		24	2200		2212															No Flare Patrol	
0174	24	2254	2237*	2304	N20	W16	9236	11	23.7	10	1F						62		F		
	LEAR	24	2237E	2237	2307	N20	W15	9236	11	23.8	300	1F	3	E			106				
	HOLL	24	2254	2255	2301	N19	W16	9236	11	23.7	7	SF	3	E			18		F		
0175	LEAR	25	0100	0106	0324	N07	E50	9240	11	28.8	144	2N			3	E		417		FU	
0176	URUM	25	0231E	0241	0255	N09	E53	9240	11	29.1	24D	SN				P		113	2.0	E	
0177	URUM	25	0241E	0241	0241D	N20	W18	9236	11	23.7	24D	SF				P		16	0.2	D	
0178	URUM	25	0247	0251	0255	N25	W13	9236	11	24.1	8	SN				C		32	0.4	E	
0179	URUM	25	0641	0644	0652	N22	W20	9236	11	23.7	11	SF				C		32	0.4	E	
0180	URUM	25	0727	0731	0740	N20	W22	9236	11	23.6	13	SF				C		32	0.4	E	
0181	LEAR	25	0909	0918	1015D	N18	W24	9236	11	23.5	66D	2N			3	E		265		EF	
		25	1040		1105															No Flare Patrol	
0182	25	1532	1535	1543	N24	W22	9236	11	23.9	11	SF						82		FH		
	HOLL	25	1532	1535	1542	N24	W21	9236	11	24.0	10	SF	3	E			80		F		
	RAMY	25	1532	1535	1544	N23	W23	9236	11	23.9	12	SF	3	E			83		FH		
0183	25	15505	1556	1600	N22	W22	9236	11	24.0	10	SF						24		F		
	RAMY	25	1550	1556	1600	N20	W23	9236	11	23.9	10	SF	3	E			30		F		
	HOLL	25	1555	1556	1559	N23	W21	9236	11	24.0	4	SF	3	E			17		F		
0184	HOLL	25	1714	1717	1721	N22	W25	9236	11	23.8	7	SF			3	E		29		F	
0185	HOLL	25	1728	1729	1734	N21	W26	9236	11	23.7	6	SF			3	E		19		F	
	25	1836	18415	2016	N19	W24	9236	11	23.9	100	2B						470		EFU		
	RAMY	25	1836	1841	2018	N20	W23	9236	11	24.0	102	2B	3	E			414		UF		
0186	HOLL	25	1836	1846	2013	N18	W24	9236	11	23.9	97	2B	3	E			527		FE		
	0187	HOLL	25	2107	2107	2112	N20	W27	9236	11	23.8	5	SF			3	E		29		
		25	2333		2400															No Flare Patrol	
	26	0000		0142															No Flare Patrol		
	26	0205		0224															No Flare Patrol		
0188	LEAR	26	0951	0953	1001	N19	W34	9236	11	23.8	10	SF			3	E		34			
		26	1030		1036															No Flare Patrol	
0189	26	11342	11371	1149	N20	W34	9236	11	23.9	15	1F						66		F		
	KANZ	26	1134	1137	1150	N18	W34	9236	11	23.9	16	1F	2	E							
	RAMY	26	1136	1138	1148	N21	W33	9236	11	23.9	12	SF	3	E			66		F		

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Grp #	Sta	Start Day	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
															Apparent (10-6 Disk)	Corr (Sq Deg)	
0190	RAMY	26	1233	1239	1317	N20 W33	9236	11 24.0	44	SF		3	E		67		FH
0191		26	15101	1511	1517	N22 W34	9236	11 24.0	7	SF					16		FH
	RAMY	26	1510	1511	1517	N23 W33	9236	11 24.1	7	SF		3	E		16		FH
	HOLL	26	1511	1511	1517	N22 W34	9236	11 24.0	6	SF		3	E		16		
0192		26	15352	15371	1546	N20 W34	9236	11 24.0	11	SF					16		F
	RAMY	26	1535	1537	1548	N20 W34	9236	11 24.0	13	SF		3	E		18		F
	HOLL	26	1537	1538	1545	N19 W35	9236	11 24.0	8	SF		3	E		14		
0193		26	16371	1645*	1732	N20 W36	9236	11 23.9	55	2B					348		FHU
	RAMY	26	1637	1645	1818D	N21 W33	9236	11 24.2	101D	2B		3	E		326		UU
	HOLL	26	1638	1657	1732	N18 W38	9236	11 23.8	54	2B		3	E		370		FH
0194	HOLL	26	1745	1755	1817	N18 W36	9236	11 24.0	32	SF		3	E		11		F
0195		26	18291	18295	1838	N22 W40	9236	11 23.7	9	SF					14		FS
	RAMY	26	1829	1829	1840	N23 W40	9236	11 23.7	11	SF		3	E		15		F
	HOLL	26	1830	1834	1836	N21 W39	9236	11 23.8	6	SF		3	E		13		S
		26	2059		2104	No Flare Patrol											
0196	LEAR	27	0017	0020	0026	N20 W43	9236	11 23.7	9	1F		3	E		108		F
0197	URUM	27	0318E	0318	0322	N23 W43	9236	11 23.8	4D	SF			P		16	0.2	E
0198	LEAR	27	0334	0337	0346	N20 E39	9242	11 30.1	12	SF		3	E		27		
0199	URUM	27	0448	0452	0515	N23 E41	9242	11 30.3	27	SN			C		80	1.2	E
		27	1204		1210	No Flare Patrol											
		27	1214		1221	No Flare Patrol											
		27	1343		1359	No Flare Patrol											
		27	1516		1539	No Flare Patrol											
		27	1556		1602	No Flare Patrol											
0200	HOLL	27	1717	1720	1727	N15 W29	9244	11 25.5	10	SF		3	E		17		F
		27	1731		1740	No Flare Patrol											
0201	HOLL	27	2046	2051	2104	N20 E27	9240	11 29.9	18	SF		3	E		31		F
0202	HOLL	27	2108	2110	2119	N20 E27	9242	11 29.9	11	SF		3	E		46		
0203	LEAR	27	2303	2305	2310	N20 W55	9236	11 23.7	7	SF		3	E		31		
0204		27	23201	23212	2331	N18 E25	9242	11 29.9	11	SF					26		F
	LEAR	27	2320	2323	2331	N18 E26	9242	11 29.9	11	SF		4	E		34		F
	HOLL	27	2321	2321	2326D	N18 E24	9242	11 29.8	5D	SF		3	E		18		
0205	LEAR	27	2352	2352	2359	N19 E27	9242	11 30.0	7	SN		4	E		71		F
0206		28	0316	03171	0321	N20 W56	9236	11 23.8	5	SN					32	0.7	D
	LEAR	28	0316	0317	0320	N20 W53	9236	11 24.1	4	SF		3	E		33		
	URUM	28	0318E	0318	0322	N20 W59	9236	11 23.6	4D	SN			P		32	0.7	D
0207		28	0526	05264	0528	N18 W58	9236	11 23.8	2	SF					64	1.9	E
	LEAR	28	0526	0526	0528	N18 W58	9236	11 23.8	2	SF		3	E		31		
	URUM	28	0530E	0530	0530D	N18 W57	9236	11 23.9	2D	SF			P		96	1.9	E
0208	RAMY	28	1427	1428	1433	N20 E17	9242	11 29.9	6	SF		3	E		16		
0209	HOLL	28	1633	1637	1643	S12 E51	9246	12 2.5	10	SF		3	E		17		F
0210	HOLL	28	1646	1647	1657	S12 E51	9246	12 2.5	11	SF		3	E		12		S
0211	HOLL	28	1750	1756	1803	N21 E14	9242	11 29.8	13	SF		3	E		17		F
0212	HOLL	28	1804	1811	1818	N21 E15	9242	11 29.9	14	SF		3	E		15		F

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Grp #	Sta	Start Day	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt Xray	Obs See	Type	Area Measurement			Remarks
													Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0213	HOLL	28	1910E	1910U	1925	N19 E21	9242	11 30.4	15D	SF	2	E		20		
0214	HOLL	28	1959	2001	2005	S12 E48	9246	12 2.4	6	SF	3	E		11		
0215	HOLL	28	2151	2151	2200	N19 E14	9242	11 30.0	9	SF	3	E		34		
0216		28	2215	2215	2220	N20 E14	9242	11 30.0	5	SF				14		
	HOLL	28	2215	2215	2219	N20 E14	9242	11 30.0	4	SF	3	E		16		
	LEAR	28	2215	2216	2221	N20 E13	9242	11 29.9	6	SF	3	E		13		
0217	LEAR	29	0057	0058	0112	N20 E11	9242	11 29.9	15	SF	3	E		75		
0218	LEAR	29	0315	0326	0343	S13 E44	9246	12 2.4	28	SF	3	E		17		
0219	LEAR	29	0542	0543	0552	S13 E42	9246	12 2.4	10	SF	3	E		20		
0220	LEAR	29	0619	0624	0646	S13 E43	9246	12 2.5	27	SF	3	E		66		F
0221		29	0808*	0818	0828	N22 E09	9242	11 30.0	20	1F				11		
	KANZ	29	0808	0819	0833	N23 E09	9242	11 30.0	25	1F	2	E				
	LEAR	29	0818	0818	0822	N22 E09	9242	11 30.0	4	SF	3	E		11		
0222		29	0840	0852	0908	S13 E41	9246	12 2.4	28	SF				25		
	KANZ	29	0840	0852	0909	S13 E41	9246	12 2.4	29	SF	2	E				
	LEAR	29	0849	0854	0908	S13 E41	9246	12 2.5	19	SF	3	E		25		
0223	RAMY	29	1136	1138	1145	S12 E40	9246	12 2.5	9	SF	3	E		10		
0224		29	1206	1210	1227	S12 E40	9246	12 2.5	21	SF				32		FH
	RAMY	29	1206	1210	1231	S12 E40	9246	12 2.5	25	SF	3	E		43		F
	SVTO	29	1209	1210	1223	S12 E39	9246	12 2.4	14	SF	3	E		20		H
0225		29	1503	1503	1518	S12 E38	9246	12 2.5	15	SF				16		F
	RAMY	29	1503	1503	1522	S12 E38	9246	12 2.5	19	SF	3	E		12		F
	HOLL	29	1505	1506	1513	S12 E37	9246	12 2.4	8	SF	3	E		20		F
0226	RAMY	29	1910	1911	1917	S13 E39	9246	12 2.7	7	SF	3	E		13		F
0227	HOLL	29	2201	2202	2206	S12 E34	9246	12 2.5	5	SF	3	E		18		F
0228	LEAR	30	0218	0221	0223	S13 E31	9246	12 2.4	5	SF	3	E		18		
0229	LEAR	30	0255	0256	0302	N20 W77	9236	11 24.2	7	SF	3	E		40		
0230	LEAR	30	0259	0300	0305	N13 E18	9247	12 1.5	6	SF	3	E		43		
0231	LEAR	30	0310	0310	0318	N13 E18	9247	12 1.5	8	SF	3	E		15		F
0232	LEAR	30	0645	0647	0650	S13 E29	9246	12 2.5	5	SF	3	E		20		
0233	LEAR	30	0710	0713	0718	S13 E29	9246	12 2.5	8	SF	3	E		33		
0234	LEAR	30	0721	0721	0726	S13 E29	9246	12 2.5	5	SF	3	E		13		
0235	LEAR	30	0845	0845	0854	S13 E27	9246	12 2.4	9	SF	3	E		17		
0236	LEAR	30	0948	0950	0956	S12 E29	9246	12 2.6	8	SF	3	E		13		F
		30	1250		1401	No Flare Patrol										
		30	1404		1523	No Flare Patrol										
		30	1548		1644	No Flare Patrol										
		30	1658		1825	No Flare Patrol										
0237	HOLL	30	2032	2038	2102	S14 E23	9246	12 2.6	30	SF	3	E		41		F
0238	HOLL	30	2150	2151	2153	N17 W68	9244	11 25.7	3	SF	3	E		12		