Hα SOLAR FLARES

SEPTEMBER 2001

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0001	LEAR	01	0831	0833	0838	N13	E30	9601	09	3.6	7	SF		3	E		13		F
0002	URUM	01	1031E	1031	1031D	N17	E17		09	2.7	7D	1N			P		177	2.9	E
0003	RAMY	01	1255	1255	1306	N17	E27	9601	09	3.6	11	SF		3	E		10		
0004		01	13324	13342	1356	N14	E26	9601	09	3.5	24	SF					48		F
	HOLL	01	1332	1334	1401	N12	E26	9601	09	3.5	29	SF		3	E		66		F
	RAMY	01	1336	1336	1350	N16	E26	9601	09	3.5	14	SF		3	E		30		
		01	1851		2113	No Flare Patrol													
0005	HOLL	01	2048	2049	2054	S19	W54	9591	08	28.8	6	SF		3	E		12		
		01	2214		2314	No Flare Patrol													
0006	URUM	02	0402E	0402	0402D	N20	E14	9601	09	3.2	6D	1N			P		193	2.1	E
0007	LEAR	02	0420	0421	0424	N14	E14	9601	09	3.2	4	SF		3	E		13		F
0008	URUM	02	0428E	0428	0445	N17	E05	9601	09	2.6	17D	SN			P		193	2.0	E
0009	URUM	02	0438	0445	0511	N15	E16	9601	09	3.4	33	1N			C		321	3.5	E
0010	LEAR	02	0439	0439	0442	N10	E14	9601	09	3.2	3	SF		3	E		19		F
0011	LEAR	02	0504	0505	0510	S17	W65	9591	08	28.4	6	SF		2	E		23		F
0012	URUM	02	0543	0547	0551	S22	W59	9591	08	28.8	8	1N			C		241		E
0013		02	05545	06011	0612	S16	W66	9591	08	28.3	18	2N					217		EFH
	LEAR	02	0554	0601	0614	S17	W66	9591	08	28.3	20	1F		3	E		113		FH
	URUM	02	0559	0602	0610	S15	W66	9591	08	28.3	11	2B			C		321		E
0014	URUM	02	0602	0606	0610	N13	E18	9601	09	3.6	8	1N			C		209	2.3	E
0015	LEAR	02	0615	0617	0654	N16	E18	9601	09	3.6	39	SF		2	E		42		F
0016	URUM	02	0618	0626	0715	N12	E18	9601	09	3.6	57	1B			C		402	4.4	E
0017	URUM	02	0919E	0919U	0931	N13	E13	9601	09	3.4	12D	SB			P		193	2.1	E
		02	1010		1028	No Flare Patrol													
0018	RAMY	02	1144	1145	1147	S17	W71	9601	08	28.2	3	SF		3	E		13		
0019	RAMY	02	1151	1152	1201	S17	W71	9591	08	28.2	10	SF		3	E		19		F
0020	RAMY	02	1219	1220	1224	N11	E11	9601	09	3.3	5	SF		3	E		14		
0021	RAMY	02	1242	1242	1247	S18	W74	9591	08	28.0	5	SF		3	E		16		
0022	RAMY	02	1250	1251	1254	S18	W74	9591	08	28.0	4	SF		3	E		42		
0023	RAMY	02	1311	1315	1326	N16	E10	9601	09	3.3	15	SF		3	E		19		F
0024	RAMY	02	1345	1346	1430	S21	W65	9591	08	28.7	45	2N		3	E		305		FH
0025	RAMY	02	1513	1517	1540	N12	E11	9601	09	3.5	27	SF		3	E		53		F
0026	RAMY	02	1641	1644	1647	S17	W75	9591	08	28.1	6	SF		3	E		13		
		02	1758		2333	No Flare Patrol													
0027	LEAR	03	0327	0328	0331	N11	E02	9601	09	3.3	4	SF		3	E		52		F
0028	URUM	03	0557E	0557	0605	S05	W55		08	30.2	8D	SN			P		96	1.8	E
0029	SVTO	03	0539	0540	0543	N14	E00	9601	09	3.2	4	SF		3	E		26		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Imp See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0030		03	0545*	05578	0617	N12	E03	9601	09	3.5	32	SN					153	1.6	AE
	URUM	03	0545	0557	0617	N12	E06	9601	09	3.7	32	SN			C		193	2.0	E
	URUM	03	0601	0605	0605D	N12	W00	9601	09	3.2	4D	SN			P		113	1.2	A
0031		03	0553	06251	0704	N14	E05	9601	09	3.6	71	SF					26		F
	SVTO	03	0553	0625	0711	N13	E05	9601	09	3.6	78	SF		3	E		18		F
	KANZ	03	0621E	0626	0714	N15	E04	9601	09	3.6	53D	SF		2	E				
	LEAR	03	0625E	0627U	0648	N15	E05	9601	09	3.6	23D	SF		3	E		34		F
0032		03	0620*	06326	0649	N13	E02	9601	09	3.4	29	1N					225	2.3	E
	URUM	03	0620	0632	0654	N13	E07	9601	09	3.8	34	1B			C		225	2.3	E
	KANZ	03	0638	0638	0644	N13	W04	9601	09	3.0	6	SF		2	E				
0033	URUM	03	0732E	0732	0732D	N34	W59		08	29.7	6D	SB			P		80	1.7	E
0034		03	0940	0945	1014	N12	W03	9601	09	3.2	34	SF					99		F
	KANZ	03	0940	0945	1014	N11	W03	9601	09	3.2	34	SF		2	E				
	SVTO	03	0940	0946U	1013	N13	W03	9601	09	3.2	33	SF		3	E		99		F
0035		03	1042	1046	1123	N11	E02	9601	09	3.6	41	SF					68		FH
	KANZ	03	1042	1046	1106	N11	E02	9601	09	3.6	24	SF		2	E				
	SVTO	03	1042	1046	1109	N12	E02	9601	09	3.6	27	SF		3	E		77		F
	RAMY	03	1044E	1044U	1154	N11	E01	9601	09	3.5	70D	SF		3	E		59		FH
0036	RAMY	03	1542	1543	1548	S22	W58	9604	08	30.3	6	SF		3	E		25		F
0037	RAMY	03	1804	1810	1817	N10	W06	9601	09	3.3	13	SF		3	E		11		F
		03	1911		2324	No Flare Patrol													
0038	LEAR	04	0337	0338	0341	S16	E53	9606	09	8.2	4	SF		3	E		20		F
0039		04	04131	04184	0436	N14	W08	9601	09	3.6	23	SN					94	1.7	EF
	LEAR	04	0413	0418	0433	N12	W11	9601	09	3.3	20	SF		3	E		28		F
	URUM	04	0414	0422	0440	N16	W06	9601	09	3.7	26	SB			C		161	1.7	E
0040	URUM	04	0507E	0507	0530	N16	W07	9601	09	3.7	23D	SN			P		193	2.0	E
0041	LEAR	04	0854	0855	0900	N10	W17	9601	09	3.1	6	SF		3	E		14		F
0042		04	0912	0912	0916	S16	E55	9606	09	8.5	4	SF					12		
	LEAR	04	0912	0912	0916	S17	E54	9606	09	8.5	4	SF		3	E		11		
	SVTO	04	0912	0912	0916	S15	E56	9606	09	8.6	4	SF		3	E		14		
0043	URUM	04	0930E	0930	0930D	N19	W05	9601	09	4.0	4D	1N			P		225	2.4	E
0044	URUM	04	1007	1018	1027	N19	W07	9601	09	3.9	20	1N			C		241	2.6	E
0045	RAMY	04	1155	1157	1207	S17	E52	9606	09	8.4	12	SF		3	E		47		
0046	RAMY	04	1351	1351	1355	S17	E51	9606	09	8.4	4	SF		3	E		11		
0047	HOLL	04	1426	1430	1439	S16	E47	9606	09	8.2	13	SF		3	E		34		
0048	HOLL	04	1459	1500	1506	S16	E49	9606	09	8.3	7	SF		3	E		46		
0049		04	15181	1535	1614	N14	W16	9601	09	3.4	56	SF					14		F
	HOLL	04	1518	1535	1616	N15	W16	9601	09	3.4	58	SF		3	E		14		
	RAMY	04	1519	1535	1613	N14	W16	9601	09	3.4	54	SF		3	E		15		F
0050	HOLL	04	1519	1530	1532	S16	E47	9606	09	8.2	13	SF		3	E		19		F
0051		04	15358	1544	1600	S19	E46	9606	09	8.1	25	SF					12		
	HOLL	04	1535	1544	1558	S19	E45	9606	09	8.1	23	SF		3	E		10		
	RAMY	04	1543	1544	1601	S19	E47	9606	09	8.2	18	SF		3	E		14		
0052	SVTO	04	1543	1557	1603	S19	E47	9605	09	8.2	20	SF		3	E		28		F

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0053		04	17211	1723	1744	S16	E48	9606	09	8.4	23	SF					49		F
	HOLL	04	1721	1723	1745	S16	E46	9606	09	8.2	24	SF		3	E		57		F
	RAMY	04	1722	1723	1743	S17	E49	9606	09	8.4	21	SF		3	E		41		
0054	HOLL	04	1902	1906	1935	N13	W20	9601	09	3.3	33	SF		3	E		53		F
0055	HOLL	04	1902	1903	1907	S21	W75	9604	08	30.1	5	SF		3	E		21		
0056	HOLL	04	2008	2016	2037	S19	E45	9606	09	8.3	29	1N		3	E		100		F
0057	HOLL	04	2023	2028	2031	N14	W20	9601	09	3.3	8	SF		3	E		15		F
0058	HOLL	04	2033	2036	2043	N13	W19	9601	09	3.4	10	SF		3	E		11		
0059	HOLL	04	2058	2058	2109	S16	E45	9606	09	8.3	11	SF		3	E		22		F
0060	HOLL	04	2151	2152	2216	S16	E45	9606	09	8.3	25	SF		3	E		51		F
0061	HOLL	04	2154	2201	2232D	N15	W23	9601	09	3.2	38D	1N		3	E		236		F
		04	2233		2302	No Flare Patrol													
		05	0033		0043	No Flare Patrol													
		05	0109		0113	No Flare Patrol													
		05	0521		0544	No Flare Patrol													
		05	0606		0713	No Flare Patrol													
0062	LEAR	05	0913	0916	0921	N08	W28	9601	09	3.3	8	SF		3	E		13		
		05	0947		1007	No Flare Patrol													
		05	1017		1026	No Flare Patrol													
0063	RAMY	05	1057	1116	1136	N08	W30	9601	09	3.2	39	SF		3	E		26		F
0064	HOLL	05	1423	1423	1435	S28	E76	9608	09	11.5	12	SF		3	E		12		
0065	RAMY	05	1427	1432	1538	N15	W31	9601	09	3.2	71	2B		3	E		393		F
0066	HOLL	05	1526	1528	1559	S24	E72	9608	09	11.2	33	SF		3	E		27		
0067	RAMY	05	1538	1545	1547	N15	W39	9601	09	2.7	9	SF		3	E		10		
0068	RAMY	05	1630	1632	1635	S25	E70	9608	09	11.1	5	SF		3	E		20		F
0069	HOLL	05	1905	1907	1946	S16	E35	9606	09	8.4	41	1N		3	E		137		FU
0070	HOLL	05	1939	1940	1949	N06	W37	9601	09	3.0	10	SF		3	E		19		
0071	HOLL	05	2018	2019	2022	N08	W38	9601	09	3.0	4	SF		3	E		13		F
0072	HOLL	05	2038	2047	2058	S25	E67	9608	09	11.0	20	SF		3	E		19		
0073	HOLL	05	2054	2057	2111	N11	W38	9601	09	3.0	17	SF		3	E		73		F
0074	HOLL	05	2106	2109	2122	S17	E35	9606	09	8.5	16	SF		3	E		41		F
0075	HOLL	05	2111	2111	2117	S24	E68	9608	09	11.1	6	SF		3	E		15		
0076	HOLL	05	2202	2215	2255	S18	E31	9606	09	8.3	53	SF		3	E		97		F
0077	HOLL	05	2224	2229	2319	S25	E67	9608	09	11.1	55	SF		3	E		78		F
0078	HOLL	05	2329	2330U	2331D	S20	W54	9599	09	1.8	2D	SF		3	E		27		
0079	HOLL	05	2330	2330U	2331D	S17	E33	9606	09	8.5	1D	SF		3	E		11		
		06	0012		0146	No Flare Patrol													
0080	URUM	06	0345	0354	0401	N14	W32	9601	09	3.7	16	SB			C		161	2.0	E

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0081	URUM	06	0511E	0511	0511D	S05	W41	9609	09	3.1	16D	SN			P		113	1.6	E
0082		06	0531E	0531	0535	S26	E68	9608	09	11.5	4D	SN					40		D
	SVTO	06	0531E	0531U	0534D	S26	E67	9608	09	11.4	3D	SF		2	E		15		
	URUM	06	0531E	0531	0535	S27	E68	9608	09	11.5	4D	SB			P		64		D
0083	SVTO	06	0730	0730	0734	N12	W34	9601	09	3.7	4	SF		3	E		11		FH
0084	URUM	06	0947	0959	1010	S17	E24	9606	09	8.2	23	1N			C		193	2.4	E
0085		06	1319	13201	1332	S18	E24	9606	09	8.4	13	SF					49		F
	RAMY	06	1319	1320	1329	S18	E24	9606	09	8.4	10	SF		3	E		44		F
	SVTO	06	1319	1321	1335	S18	E23	9606	09	8.3	16	SF		3	E		54		F
0086	RAMY	06	1321	1321	1330	S19	E21	9606	09	8.1	9	SF		3	E		17		F
0087	HOLL	06	1357	1357	1404	S13	E40	9607	09	9.6	7	SF		3	E		11		
0088	HOLL	06	1537	1537	1545	S16	E45	9607	09	10.1	8	SF		3	E		16		
0089	HOLL	06	1623	1624	1632	N13	W42	9601	09	3.5	9	SF		3	E		12		
0090	HOLL	06	1719	1721	1727	S20	E50	9608	09	10.5	8	SF		3	E		20		F
0091	HOLL	06	1720	1732	1749	S14	E77	9610	09	12.5	29	SF		3	E		62		
0092	HOLL	06	1759	1802	1818	S21	E48	9608	09	10.4	19	SF		3	E		28		FU
0093	HOLL	06	1846	1846	1849	S23	E57	9608	09	11.2	3	SF		3	E		10		
0094	HOLL	06	1954	1955	1959	S14	E75	9610	09	12.5	5	SF		3	E		19		
0095	HOLL	06	2007	2008	2013	S16	E51	9607	09	10.7	6	SF		3	E		39		
0096	HOLL	06	2036	2047	2105	S13	E76	9610	09	12.6	29	SF		3	E		19		
0097	HOLL	06	2105	2111	2115	S13	E77	9610	09	12.7	10	SF		3	E		27		
0098	HOLL	06	2137	2349	2442	S14	E75	9610	09	12.6	185	SF		3	E		40		T
0099	HOLL	06	2154	2157	2200	N15	W43	9601	09	3.6	6	SF		3	E		31		F
0100	HOLL	06	2333	2334	2337	S17	E49	9607	09	10.7	4	SF		3	E		35		
0101	URUM	07	0418E	0418	0418D	N15	W50	9601	09	3.4	4D	SB			P		96	1.5	D
0102	URUM	07	0837E	0837	0837D	N12	W31		09	5.0	4D	SN			C		32	0.4	D
0103	URUM	07	1014E	1014	1014D	S24	E53	9608	09	11.5	4D	1N			P		129	2.7	E
0104	HOLL	07	1439	1441	1505	S13	E66	9610	09	12.6	26	SF		3	E		28		
0105	SVTO	07	1529	1538	1610	N19	W65	9601	09	2.7	41	1F		3	E		174		FH
0106	HOLL	07	1727	1728	1735	S22	E44	9608	09	11.1	8	SF		3	E		23		
0107	HOLL	07	1754	1756	1759	S25	E43	9608	09	11.1	5	SF		3	E		15		
0108	HOLL	07	1832	1833	1843	S22	E43	9608	09	11.1	11	SF		3	E		15		
0109		07	1851	18511	1858	S22	E44	9608	09	11.2	7	SF					12		F
	RAMY	07	1851	1851	1858	S22	E44	9608	09	11.2	7	SF		3	E		11		F
	HOLL	07	1851	1852	1858	S22	E43	9608	09	11.1	7	SF		3	E		13		
0110		07	2116	21161	2128	S14	E64	9610	09	12.7	12	SF					47		F
	HOLL	07	2116	2116	2128	S14	E64	9610	09	12.7	12	SF		3	E		56		F
	RAMY	07	2116	2117	2128	S14	E65	9610	09	12.8	12	SF		3	E		38		F
0111	HOLL	07	2126	2131	2147	S22	E42	9608	09	11.1	21	SF		3	E		26		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	See	Obs Type	Area Measurement Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0112	HOLL	07	2248	2249	2303	N14	W58	9601	09	3.6	15	SF		3	E		88		FH
0113	URUM	08	0414E	0414	0430	S31	E41	9608	09	11.4	16D	SB			P		113	2.0	E
0114	SVTO	08	0449E	0449U	0525	S28	E50	9608	09	12.1	36D	SF		1	E		68		F
0115	URUM	08	0506E	0506	0520	S28	E48	9608	09	12.0	14D	1B			P		129	2.5	E
0116	URUM	08	0911E	0911	0925	S18	W02	9606	09	8.2	14D	1N			P		225	2.6	E
0117	KANZ	08	1000	1002	1008	N23	E21		09	10.0	8	SF		2	E				
0118		08	1003	1005	1015	S14	E20	9607	09	9.9	12	SN					80	0.9	D
	KANZ	08	1003	1005	1015	S15	E20	9607	09	9.9	12	SF		2	E				
	URUM	08	1005E	1005	1005D	S14	E19	9607	09	9.8	12D	SN			P		80	0.9	D
0119	RAMY	08	1127	1130	1135	N11	W66	9601	09	3.5	8	SF		3	E		25		F
0120	RAMY	08	1140	1141	1147	N10	W69	9601	09	3.3	7	SF		3	E		17		
0121	RAMY	08	1228	1230	1236	S17	W64	9613	09	3.6	8	SF		3	E		18		
0122	HOLL	08	1342	1408	1445	N11	W32	9611	09	6.2	63	SF		3	E		82		
0123	HOLL	08	1429	1429	1433	S16	W67	9613	09	3.5	4	SF		3	E		13		
0124	HOLL	08	1430	1433	1435	S25	E42	9608	09	11.8	5	SF		3	E		32		
0125	HOLL	08	1457	1459	1502	S15	E18	9607	09	10.0	5	SF		3	E		13		
0126		08	15272	15292	1538	S20	W04	9606	09	8.3	11	SF					18		F
	HOLL	08	1527	1531	1541	S19	W03	9606	09	8.4	14	SF		3	E		27		F
	RAMY	08	1529	1529	1534	S20	W06	9606	09	8.2	5	SF		3	E		10		F
0127		08	1643	16441	1706	S22	E32	9608	09	11.1	23	SF					46		F
	HOLL	08	1643	1644	1720	S23	E32	9608	09	11.2	37	SF		3	E		70		F
	RAMY	08	1643	1645	1652	S22	E33	9608	09	11.2	9	SF		3	E		22		F
0128	HOLL	08	1648	1650	1652	S16	W68	9613	09	3.5	4	SF		3	E		14		
0129	RAMY	08	1658	1701	1717	S23	E34	9608	09	11.3	19	SF		3	E		22		
0130	HOLL	08	1739	1740	1745	N10	W33	9611	09	6.2	6	SF		3	E		13		
0131		08	18104	18151	1820	S15	E16	9607	09	10.0	10	SF					20		
	HOLL	08	1810	1816	1822	S15	E16	9607	09	10.0	12	SF		3	E		21		
	RAMY	08	1814	1815	1818	S15	E17	9607	09	10.0	4	SF		3	E		19		
0132	HOLL	08	1813	1814	1821	S25	E30	9608	09	11.1	8	SF		3	E		20		
0133	HOLL	08	1814	1814	1823	S16	W68	9613	09	3.6	9	SF		3	E		10		
0134	HOLL	08	1826	1840	1845	S16	W68	9613	09	3.6	19	SF		3	E		17		
0135		08	1823	1824	1828	N10	W34	9611	09	6.2	5	SF					35		
	RAMY	08	1823	1824	1827	N09	W34	9611	09	6.2	4	SF		3	E		21		
	HOLL	08	1823	1824	1828	N11	W35	9611	09	6.1	5	SF		3	E		49		
0136	HOLL	08	1900	1907	1911	S16	W68	9613	09	3.6	11	SF		3	E		26		
0137		08	1902	1904	1912	S20	W09	9606	09	8.1	10	SF					32		F
	RAMY	08	1902	1904	1911	S20	W08	9606	09	8.2	9	SF		3	E		29		F
	HOLL	08	1902	1904	1912	S19	W10	9606	09	8.0	10	SF		3	E		36		F
0138		08	1912	19185	1937	N09	W73	9601	09	3.3	25	SF					75		F
	HOLL	08	1912	1918	1937	N10	W72	9601	09	3.4	25	SF		3	E		58		F
	RAMY	08	1912	1923	1937	N08	W74	9601	09	3.2	25	SF		3	E		92		F
		08	2058		2259	No Flare Patrol													

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0139	HOLL	08	2129	2130	2136	S24	E30	9608	09	11.2	7	SF		3	E		16		
0140	HOLL	08	2139	2141	2213	S26	E40	9608	09	12.0	34	SF		3	E		18		F
0141	HOLL	08	2248	2251	2256	S17	W71	9613	09	3.5	8	SF		3	E		11		
0142	HOLL	08	2304	2304	2312	S17	W71	9613	09	3.6	8	SF		3	E		12		
0143	HOLL	08	2334	2351	2404	S17	E16	9607	09	10.2	30	SF		3	E		13		
0144		09	0141	0240	0419	S22	E26	9608	09	11.1	158	2B					330	3.1	EF
	LEAR	09	0141	0240	0419	S24	E26	9608	09	11.1	158	2B		3	E		418		FE
	URUM	09	0251E	0251U	0251D	S20	E26	9608	09	11.1	158D	1B			P		241	3.1	E
0145	URUM	09	0456E	0456	0456D	N08	E26		09	11.1	158D	SN			P		96	1.1	D
0146	URUM	09	0549E	0549	0549D	S18	W04	9606	09	8.9	158D	1B			P		209	2.4	E
0147	KANZ	09	0719E	0719U	0721	S19	W13	9606	09	8.3	2D	SF		2	E				
0148	KANZ	09	0746	0746	0748	S22	E24		09	11.2	2	SF		2	E				
0149		09	08012	08031	0814	S16	E08	9607	09	9.9	13	SF					13		F
	KANZ	09	0801	0804	0819	S16	E08	9607	09	9.9	18	SF		2	E				
	SVTO	09	0803	0803	0812	S16	E09	9607	09	10.0	9	SF		3	E		10		F
	LEAR	09	0803	0803	0812	S16	E08	9607	09	9.9	9	SF		3	E		16		F
0150	KANZ	09	0822	0827	0837	S19	W14	9606	09	8.3	15	SF		2	E				
0151		09	0958	1001	1010	S31	E30	9608	09	11.8	12	SF					34		F
	KANZ	09	0958	1001	1009	S31	E31	9608	09	11.9	11	SF		2	E				
	SVTO	09	0958	1001	1010	S31	E30	9608	09	11.8	12	SF		3	E		34		F
0152	RAMY	09	1036E	1036	1104	S30	E29	9608	09	11.7	28D	SF		3	E		43		F
0153		09	10521	1056	1102	S32	E28	9608	09	11.7	10	SF					33		
	SVTO	09	1052	1056	1059	S32	E29	9608	09	11.7	7	SF		3	E		33		
	KANZ	09	1053	1056	1104	S31	E27	9608	09	11.6	11	SF		2	E				
0154		09	11201	1123	1132	S24	E23	9608	09	11.2	12	SF					24		
	KANZ	09	1120	1123	1131	S23	E25	9608	09	11.4	11	SF		2	E				
	RAMY	09	1121	1123	1132	S25	E21	9608	09	11.1	11	SF		3	E		24		
0155	KANZ	09	1229	1235	1239	S30	E29	9608	09	11.8	10	SF		2	E				
0156		09	13321	1334	1344	S30	E28	9608	09	11.8	12	SF					37		F
	KANZ	09	1332	1334	1344	S30	E28	9608	09	11.8	12	SF		2	E				
	SVTO	09	1333	1334	1344	S31	E29	9608	09	11.8	11	SF		3	E		37		F
0157	RAMY	09	1332	1334	1345	S25	E20	9608	09	11.1	13	SF		3	E		49		
0158	HOLL	09	1359	1404	1509	S30	E29	9608	09	11.9	70	SF		3	E		52		F
0159		09	1401	14032	1434	S28	E20	9608	09	11.1	33	SF					26		F
	RAMY	09	1401	1403	1439	S28	E21	9608	09	11.2	38	SF		3	E		26		F
	KANZ	09	1401	1405	1430	S28	E18	9608	09	11.0	29	SF		2	E				
0160	SVTO	09	1403	1419	1423	S29	E18	9608	09	11.0	20	SF		3	E		30		
0161	SVTO	09	1425	1426	1430	S26	E22	9608	09	11.3	5	SF		3	E		20		F
0162		09	1456	1458	1502	S32	E28	9608	09	11.8	6	SF					14		F
	SVTO	09	1453E	1453U	1501	S32	E28	9608	09	11.8	8D	SF		2	E		13		F
	RAMY	09	1456	1458	1502	S31	E28	9608	09	11.8	6	SF		3	E		16		F
0163		09	1512	15161	1532	S16	E05	9607	09	10.0	20	1N					121		FH
	KANZ	09	1512	1516	1533	S16	E05	9607	09	10.0	21	1F		2	E				
	SVTO	09	1512	1517	1532	S16	E05	9607	09	10.0	20	1B		3	E		116		F
	RAMY	09	1512	1517	1532	S16	E06	9607	09	10.1	20	1N		3	E		123		F
	HOLL	09	1512	1517	1533	S17	E03	9607	09	9.9	21	1N		3	E		123		FH

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0164		09	15132	15251	1540	S32	E25	9608	09	11.6	27	SF					87		FH
	HOLL	09	1513	1525	1543	S32	E22	9608	09	11.4	30	SN		3	E		89		F
	KANZ	09	1515	1525	1536	S31	E28	9608	09	11.8	21	SF		2	E				
	SVTO	09	1515	1525	1541	S32	E25	9608	09	11.6	26	SF		3	E		87		F
	RAMY	09	1515	1526	1541	S31	E26	9608	09	11.7	26	SF		3	E		86		H
0165	KANZ	09	1545	1546	1550	S15	E05	9607	09	10.0	5	SF		2	E				
0166	RAMY	09	1825	1825	1834	S32	E31	9608	09	12.2	9	SF		3	E		41		F
0167		09	1824*	1841	1920	S24	E22	9608	09	11.5	56	2B					286		EFH
	HOLL	09	1824	1841	1921	S26	E24	9608	09	11.6	57	2B		3	E		313		FE
	RAMY	09	1836	1841	1920	S23	E21	9608	09	11.4	44	2N		3	E		259		FH
0168	HOLL	09	2043	2048	2120	S31	E26	9608	09	11.9	37	2N		3	E		281		EF
0169	HOLL	09	2204	2208	2218	S22	E14	9608	09	11.0	14	SF		3	E		14		
0170	HOLL	09	2235	2238	2245	S24	E18	9608	09	11.3	10	SF		3	E		32		
		10	0113		0354	No Flare Patrol													
0171		10	0514	0515	0521	S24	E14	9608	09	11.3	7	1N					66		F
	LEAR	10	0514	0515	0521	S24	E13	9608	09	11.2	7	1N		2	E		115		F
	SVTO	10	0514E	0516U	0529D	S24	E15	9608	09	11.4	15D	SF		2	E		16		
0172		10	08202	08241	0836	S31	E20	9608	09	11.9	16	SF					49		F
	KANZ	10	0820	0824	0837	S30	E19	9608	09	11.8	17	SF		2	E				
	LEAR	10	0821	0825	0836	S32	E19	9608	09	11.8	15	SF		2	E		61		F
	SVTO	10	0822	0825	0832D	S31	E21	9608	09	12.0	10D	SF		3	E		37		F
0173		10	14182	14193	1430	S24	E08	9608	09	11.2	12	SF					26		F
	HOLL	10	1418	1419	1431	S24	E08	9608	09	11.2	13	SF		3	E		33		F
	RAMY	10	1420	1422	1429	S24	E09	9608	09	11.3	9	SF		3	E		19		
0174	HOLL	10	1450	1523	1550	S16	W05	9607	09	10.2	60	SF		3	E		37		F
0175	RAMY	10	1455	1456	1506	S17	W02	9607	09	10.5	11	SF		3	E		19		F
0176		10	1502*	15161	1538	S34	E21	9608	09	12.3	36	SF					54		F
	HOLL	10	1502	1516	1551	S33	E19	9608	09	12.1	49	SF		3	E		82		F
	RAMY	10	1512	1516	1540	S33	E23	9608	09	12.5	28	SF		3	E		62		F
	SVTO	10	1516	1517	1523	S35	E21	9608	09	12.3	7	SF		3	E		17		F
0177		10	15201	15211	1532	S11	E25	9610	09	12.5	12	SF					47		F
	HOLL	10	1520	1521	1536	S11	E24	9610	09	12.4	16	SF		3	E		56		F
	SVTO	10	1521	1521	1530	S11	E25	9610	09	12.5	9	SF		3	E		36		
	RAMY	10	1521	1522	1531	S10	E25	9610	09	12.5	10	SF		3	E		50		
0178	HOLL	10	1807	1812	1818	S11	E23	9610	09	12.5	11	SF		3	E		51		F
0179	HOLL	10	1909	1912	1914	S32	E10	9608	09	11.6	5	SF		3	E		34		
0180	HOLL	10	1941	1942	1948	S13	E25	9610	09	12.7	7	SF		3	E		17		
0181	HOLL	10	1954	1955	2011	S13	E25	9610	09	12.7	17	SF		3	E		24		F
0182	HOLL	10	2023	2031	2046	S30	E18	9608	09	12.3	23	1F		3	E		119		FH
0183	HOLL	10	2103	2107	2109	S31	E19	9608	09	12.4	6	SF		3	E		14		
		10	2126		2140	No Flare Patrol													
0184	HOLL	10	2311	2312	2314	S25	E02	9608	09	11.1	3	SF		3	E		45		
0185		10	23391	23471	2357	S30	E16	9608	09	12.2	18	SF					50		FH
	HOLL	10	2339	2347	2347D	S30	E16	9608	09	12.2	8D	SF		3	E		71		F
	LEAR	10	2340	2348	2357	S30	E15	9608	09	12.2	17	SF		2	E		28		FH

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0186	HOLL	11	0017	0027	0044	S12	E22	9610	09	12.7	27	SF		3	E		11		
0187	LEAR	11	0012	0016	0022	S30	E13	9608	09	12.0	10	SF		2	E		10		F
0188		11	0012*	00311	0042	S29	E12	9608	09	11.9	30	SF					47		F
	HOLL	11	0012	0031	0046	S30	E16	9608	09	12.3	34	SF		3	E		58		F
	LEAR	11	0031	0032	0038	S28	E09	9608	09	11.7	7	SF		2	E		36		F
		11	0112		0201	No Flare Patrol													
0189	LEAR	11	0613	0614	0618	S23	E02	9608	09	11.4	5	SF		3	E		28		F
0190		11	08351	0838	0842	S12	E16	9610	09	12.6	7	SF					12		
	KANZ	11	0835	0838	0842	S12	E17	9610	09	12.6	7	SF		2	E				
	LEAR	11	0836	0838	0843	S13	E16	9610	09	12.6	7	SF		2	E		12		
0191	RAMY	11	1129	1129	1137	S12	E16	9610	09	12.7	8	SF		3	E		13		F
0192	RAMY	11	1247	1248	1300	S27	E09	9608	09	12.2	13	SF		3	E		18		
0193	HOLL	11	1416	1439	1530	N13	E35	9615	09	14.2	74	SF		3	E		54		F
0194	HOLL	11	1428	1428	1433	S27	E06	9608	09	12.1	5	SF		3	E		13		F
0195	RAMY	11	1512	1512	1525	S23	W09	9608	09	10.9	13	SF		3	E		19		F
0196	HOLL	11	1718	1721U	1753	S12	E11	9610	09	12.5	35	SF		3	E		17		F
0197	HOLL	11	1830	1846	1852	S29	E06	9608	09	12.2	22	SF		3	E		18		F
0198	HOLL	11	1928	1928	1935	S10	E09	9610	09	12.5	7	SF		3	E		26		
0199	HOLL	11	1936	1939	1945	S12	E08	9610	09	12.4	9	SF		3	E		10		F
0200	HOLL	11	2028	2029	2033	S12	E88	9616	09	18.5	5	SF		3	E		23		
0201	HOLL	11	2232	2232	2241	S09	E06	9610	09	12.4	9	SF		3	E		12		F
		11	2243		2316	No Flare Patrol													
		11	2344		2356	No Flare Patrol													
		12	0010		0250	No Flare Patrol													
0202	URUM	12	0335E	0335	0407	S12	E04	9610	09	12.4	32D	1N			P		241	2.6	E
		12	0523		0541	No Flare Patrol													
0203	SVTO	12	0648	0649	0656	S30	W08	9608	09	11.6	8	SF		3	E		36		F
		12	0826		0832	No Flare Patrol													
		12	0837		0853	No Flare Patrol													
		12	0937		1032	No Flare Patrol													
0204	SVTO	12	1055	1055	1104	S30	W01	9608	09	12.4	9	SF		3	E		22		F
0205	RAMY	12	1105	1106	1113	S30	W05	9608	09	12.1	8	SF		3	E		34		F
0206	RAMY	12	1340	1340	1349	N12	W85	9611	09	6.2	9	SF		3	E		12		
		12	2044		2125	No Flare Patrol													
		12	2137		2228	No Flare Patrol													
0207	HOLL	12	2229	2232	2311	S16	W62	9606	09	8.2	42	SF		3	E		42		F
0208	HOLL	12	2229	2232	2239	S29	W18	9608	09	11.5	10	SF		3	E		28		F
0209	HOLL	12	2242	2245	2259	S26	W12	9608	09	12.0	17	SF		3	E		27		
0210	HOLL	12	2257	2258	2302	S14	W03	9610	09	12.7	5	SF		3	E		14		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0211	HOLL	12	2319	2319	2332	S25	W24	9608	09 11.1	13	SF		3	E		16		
		12	2321		2329	No Flare Patrol												
		13	0014		0148	No Flare Patrol												
0212	LEAR	13	0212	0214	0221	S12	E69	9616	09 18.3	9	SF		3	E		23		
		13	0253		0311	No Flare Patrol												
		13	0345		0402	No Flare Patrol												
0213	LEAR	13	0357	0358	0403	S25	W19	9608	09 11.7	6	SF		3	E		21		F
		13	0546		0632	No Flare Patrol												
0214	LEAR	13	0552E	0616U	0646	S27	W25	9608	09 11.3	54D	SF		2	E		47		F
0215		13	0647*	07103	0723	S30	W24	9608	09 11.4	36	SF					32		F
	LEAR	13	0647	0710	0736D	S30	W26	9608	09 11.2	49D	SF		2	E		46		
	SVTO	13	0710	0710	0724	S31	W22	9608	09 11.6	14	SF		3	E		17		F
	KANZ	13	0711	0713	0722	S29	W24	9608	09 11.4	11	SF		2	E				
		13	0818		0835	No Flare Patrol												
0216	SVTO	13	0920	0923	0928	S09	W12	9610	09 12.5	8	SF		3	E		12		F
		13	1022		1027	No Flare Patrol												
0217	RAMY	13	1119	1120	1151	S29	W26	9608	09 11.4	32	SF		3	E		18		
0218	RAMY	13	1215	1218	1231	S29	W27	9608	09 11.4	16	SF		3	E		13		
0219	RAMY	13	1305	1305	1310	S15	W10	9610	09 12.8	5	SF		3	E		29		
0220	RAMY	13	1311	1312	1315	S14	W10	9610	09 12.8	4	SF		3	E		16		
0221		13	13441	13451	1356	N20	W36	9612	09 10.8	12	SF					14		
	RAMY	13	1344	1346	1357	N21	W35	9612	09 10.9	13	SF		3	E		16		
	SVTO	13	1345	1345	1354	N19	W36	9612	09 10.8	9	SF		3	E		12		
0222		13	14091	14113	1428	S30	W27	9608	09 11.5	19	SF					15		
	RAMY	13	1409	1411	1429	S29	W28	9608	09 11.4	20	SF		3	E		15		
	SVTO	13	1410	1414	1428	S30	W26	9608	09 11.5	18	SF		3	E		15		
0223	RAMY	13	1433	1434	1443	N20	W36	9612	09 10.8	10	SF		3	E		12		
0224	RAMY	13	1447	1447	1454	S26	W27	9608	09 11.5	7	SF		3	E		20		
0225		13	1600	16012	1612	S15	W10	9610	09 12.9	12	SN					56		
	RAMY	13	1600	1601	1613	S15	W11	9610	09 12.8	13	SN		3	E		69		
	SVTO	13	1600	1603	1610	S15	W10	9610	09 12.9	10	SF		3	E		43		
		13	1724		2400	No Flare Patrol												
		14	0000		0301	No Flare Patrol												
		14	0401		0500	No Flare Patrol												
0226	SVTO	14	0553	0555	0638	S10	E46	9616	09 17.7	45	SF		3	E		71		F
		14	0758		0850	No Flare Patrol												
0227	SVTO	14	0905	0905	0914	S10	E48	9616	09 18.0	9	SF		3	E		49		
		14	0943		1010	No Flare Patrol												
0228		14	11451	1147	1152	S12	E47	9616	09 18.0	7	SF					25		
	RAMY	14	1145	1147	1151	S14	E47	9616	09 18.0	6	SF		3	E		30		
	SVTO	14	1146	1147	1153	S11	E47	9616	09 18.0	7	SF		3	E		20		
0229	RAMY	14	1355	1356	1404	S15	W24	9610	09 12.8	9	SF		3	E		16		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0230	SVTO	14	1552	1552	1605	S08	E53	9616	09	18.6	13	SF		3	E		14		F
0231	RAMY	14	1603E	1603U	1637D	S31	W42	9608	09	11.3	34D	SF		3	E		15		
		14	1633		1713	No Flare Patrol													
0232	HOLL	14	1816	1817	1823	S28	W40	9608	09	11.6	7	SF		3	E		14		
0233	HOLL	14	1842	1842	1851	S13	W28	9610	09	12.7	9	SF		3	E		64		F
0234	HOLL	14	1842	1843	1851	S31	W36	9608	09	11.9	9	SF		3	E		52		F
		14	1852		1856	No Flare Patrol													
0235		14	1859	1900	1903	S32	W34	9608	09	12.1	4	SF					32		F
	HOLL	14	1859	1900	1903	S31	W32	9608	09	12.3	4	SF		3	E		36		F
	RAMY	14	1904E	1906U	2040D	S32	W35	9608	09	12.0	96D	SF		3	E		29		
		14	1918		1925	No Flare Patrol													
		14	1937		2322	No Flare Patrol													
		14	2330		2400	No Flare Patrol													
		15	0000		0203	No Flare Patrol													
		15	0352		0953	No Flare Patrol													
		15	1006		1022	No Flare Patrol													
0236	RAMY	15	1103	1109	1237	S21	W49	9608	09	11.7	94	1N		3	E		192		FH
0237	SVTO	15	1124E	1139U	1230	S27	W53	9608	09	11.3	66D	SF		3	E		61		FH
0238		15	1547*	16054	1636	S13	E26	9616	09	17.6	49	SF					69		FH
	RAMY	15	1547	1609	1636	S13	E27	9616	09	17.7	49	1F		3	E		101		F
	SVTO	15	1548	1609	1634D	S13	E26	9616	09	17.6	46D	SF		2	E		51		FH
	HOLL	15	1601	1605	1629D	S14	E26	9616	09	17.6	28D	SF		3	E		56		
0239	RAMY	15	1600	1601	1603	S17	W43	9608	09	12.4	3	SF		3	E		16		
0240		15	2030	2034	2130	S28	W58	9608	09	11.3	60	SN					79		F
	HOLL	15	2028E	2031U	2134D	S27	W56	9608	09	11.5	66D	SN		3	E		77		F
	RAMY	15	2030	2034	2130	S29	W59	9608	09	11.2	60	SF		3	E		81		
0241	HOLL	15	2117E	2120U	2138D	S13	E25	9616	09	17.8	21D	SF		3	E		82		
0242	HOLL	15	2135E	2135U	2138D	S11	E20	9608	09	17.4	3D	SF		3	E		16		
		15	2141		2307	No Flare Patrol													
0243	LEAR	16	0054	0055	0058	S15	W48	9610	09	12.4	4	SF		3	E		32		F
0244	LEAR	16	0245	0247	0300	N10	E75	9620	09	21.8	15	SF		3	E		96		
0245	LEAR	16	0341	0352	0514	S29	W54	9608	09	11.9	93	2N		3	E		540		EZ
0246	URUM	16	0344	0436U	0502	S31	W49	9608	09	12.3	78	2N			P		482	10.2	E
0247	LEAR	16	0618	0624	0641	S27	W66	9608	09	11.1	23	SF		3	E		29		F
0248		16	0742	0744	0802	S13	E18	9616	09	17.7	20	1F					64		FH
	LEAR	16	0742	0744	0802	S13	E18	9616	09	17.7	20	1F		3	E		117		FH
	SVTO	16	0746E	0746U	0759D	S13	E19	9616	09	17.7	13D	SF		2	E		11		
0249	URUM	16	0826E	0826	0826D	S45	E27		09	18.6	13D	1N			P		161	3.1	E
0250	LEAR	16	0912	0913	0926	S26	W59	9608	09	11.8	14	SF		3	E		38		F
0251	URUM	16	1102E	1102	1102D	S26	W60	9608	09	11.8	14D	SN			P		80		D
0252	RAMY	16	1337	1337	1346	N15	W09	9619	09	15.9	9	SF		3	E		44		
0253	RAMY	16	1345	1350	1424	S13	E15	9616	09	17.7	39	1F		3	E		143		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0254	HOLL	16	1401	1404	1425	S13	E15	9616	09	17.7	24	SF		3	E		52		F
0255		16	13582	13592	1407	S28	W60	9608	09	11.9	9	SF					33		F
	RAMY	16	1358	1359	1408	S29	W61	9608	09	11.8	10	SF		3	E		41		
	HOLL	16	1400	1401	1406	S28	W58	9608	09	12.0	6	SF		3	E		25		F
0256	HOLL	16	1547	1547	1551	S30	W58	9608	09	12.1	4	SF		3	E		10		
0257		16	1606	16071	1626	S28	W68	9608	09	11.3	20	SF					16		
	RAMY	16	1606	1607	1623	S30	W70	9608	09	11.2	17	SF		3	E		14		
	HOLL	16	1606	1608	1628	S27	W65	9608	09	11.6	22	SF		3	E		18		
0258	HOLL	16	1629	1633	1637	S27	W66	9608	09	11.5	8	SF		3	E		14		
0259		16	16413	1647	1658	S28	W68	9608	09	11.4	17	SF					19		
	HOLL	16	1641	1647	1702	S27	W65	9608	09	11.6	21	SF		3	E		22		
	RAMY	16	1644	1647	1653	S29	W70	9608	09	11.2	9	SF		3	E		16		
0260	HOLL	16	1647	1647	1657	N17	W10	9619	09	15.9	10	SF		3	E		12		
0261	HOLL	16	1658	1700	1709	N17	W10	9619	09	15.9	11	SF		3	E		13		
0262		16	1709	17121	1732	S28	W66	9608	09	11.5	23	SF					28		F
	RAMY	16	1709	1712	1731	S30	W68	9608	09	11.4	22	SF		3	E		26		F
	HOLL	16	1709	1713	1733	S27	W65	9608	09	11.6	24	SF		3	E		30		
0263		16	1750	1754	1810	N16	W11	9619	09	15.9	20	SF					19		F
	RAMY	16	1750	1754	1804	N16	W11	9619	09	15.9	14	SF		3	E		13		F
	HOLL	16	1750	1754	1815	N17	W11	9619	09	15.9	25	SF		3	E		25		
0264		16	1841	18424	1919	S13	E12	9616	09	17.7	38	SF					51		
	HOLL	16	1841	1842	1923	S13	E12	9616	09	17.7	42	SF		3	E		60		
	RAMY	16	1841	1846	1915	S13	E12	9616	09	17.7	34	SF		3	E		42		
0265	HOLL	16	2126	2127	2132	N19	W80	9612	09	10.8	6	SF		3	E		31		
		16	2217		2257	No Flare Patrol													
0266	LEAR	16	2341	2346	2402	S13	E11	9616	09	17.8	21	1F		3	E		147		
0267	URUM	17	0544E	0544	0544D	S27	W62	9608	09	12.4	21D	1N			P		113		E
0268	LEAR	17	0652	0652	0700	S30	W73	9608	09	11.5	8	SF		3	E		31		
0269		17	08201	0824	0855	S14	E03	9616	09	17.6	35	2N					412	5.4	EFU
	LEAR	17	0820	0824	0900	S14	E02	9616	09	17.5	40	2N		3	E		427		UE
	SVTO	17	0821	0824	0859	S14	E04	9616	09	17.6	38	2N		3	E		327		UF
	URUM	17	0829E	0829U	0847	S15	E03	9616	09	17.6	18D	2B			P		482	5.4	E
0270		17	09281	0931	0942	N16	E67	9621	09	22.5	14	SF					39		F
	SVTO	17	0928	0930U	0941D	N17	E69	9621	09	22.6	13D	SF		2	E		24		
	LEAR	17	0929	0931	0942	N15	E65	9621	09	22.3	13	SF		3	E		54		F
0271		17	1514	15151	1519	S14	E02	9616	09	17.8	5	SF					14		F
	HOLL	17	1514	1515	1519	S15	E01	9616	09	17.7	5	SF		3	E		16		F
	RAMY	17	1514	1516	1519	S14	E02	9616	09	17.8	5	SF		3	E		11		F
0272		17	15372	15411	1548	S13	E03	9616	09	17.9	11	SF					27		F
	HOLL	17	1537	1541	1547	S13	E02	9616	09	17.8	10	SF		3	E		29		
	RAMY	17	1539	1542	1548	S13	E04	9616	09	17.9	9	SF		3	E		25		F
0273		17	1548	15493	1640	S32	W70	9608	09	12.1	52	1N					171		F
	HOLL	17	1548	1549	1648	S32	W73	9608	09	11.9	60	1N		3	E		201		F
	RAMY	17	1548	1552	1631	S31	W67	9608	09	12.4	43	1F		3	E		141		F
0274	HOLL	17	1725	1726	1732	S14	E00	9616	09	17.7	7	SF		3	E		19		F
0275	HOLL	17	1939	1945	2004	S14	W02	9616	09	17.7	25	SF		3	E		84		

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0276	HOLL	17	1950	1958	2016	S31	W73	9608	09 12.1	26	1F		3	E		121		
0277	HOLL	17	2021	2021	2025	S31	W72	9608	09 12.2	4	SF		3	E		20		
0278	HOLL	17	2035	2037	2043	S14	W03	9616	09 17.6	8	SF		3	E		13		
0279	HOLL	17	2051	2102	2108	S31	W73	9608	09 12.1	17	SF		3	E		32		
0280	HOLL	17	2104	2105	2117	S11	W06	9616	09 17.4	13	1N		3	E		109		F
0281	HOLL	17	2129	2138	2151	S31	W73	9608	09 12.1	22	2N		3	E		431		
0282	HOLL	18	0004	0005	0011	S32	W78	9608	09 11.8	7	SF		3	E		85		
0283	LEAR	18	0035	0038	0047	S15	W07	9616	09 17.5	12	SF		3	E		25		F
0284	LEAR	18	0354	0354	0359	S30	W04	9625	09 17.8	5	SF		3	E		22		F
0285	LEAR	18	0429	0439	0451	N14	E55	9621	09 22.3	22	SF		3	E		90		F
0286		18	07021	07033	0711	S13	W09	9616	09 17.6	9	SF					71	1.8	EH
	LEAR	18	0702	0703	0708	S11	W11	9616	09 17.5	6	SF		3	E		38		
	URUM	18	0702	0706	0718	S13	W08	9616	09 17.7	16	SN			C		161	1.8	E
	SVTO	18	0703	0703	0707	S14	W09	9616	09 17.6	4	SF		3	E		14		H
0287	LEAR	18	0744	0749	0757	S15	W10	9616	09 17.6	13	SF		3	E		20		F
0288	URUM	18	0907	0920	0938	S10	W74	9610	09 12.8	31	SN			C		64		A
		18	0953		1001	No Flare Patrol												
		18	1003		1011	No Flare Patrol												
		18	1058		1107	No Flare Patrol												
0289		18	15331	15363	1611	N14	E50	9621	09 22.4	38	1F					159		FH
	HOLL	18	1533	1536	1602	N15	E49	9621	09 22.3	29	1F		3	E		149		F
	RAMY	18	1534	1539	1620	N14	E50	9621	09 22.4	46	1F		3	E		169		FH
0290	HOLL	18	1706	1706	1713	S18	E85	9628	09 25.2	7	SF		3	E		35		
		19	0100		0112	No Flare Patrol												
0291	LEAR	19	0310	0311	0315	S09	W22	9616	09 17.5	5	SF		3	E		15		
0292	LEAR	19	0352	0353	0356	S19	E73	9628	09 24.7	4	SF		3	E		11		
0293	LEAR	19	0517	0519	0528	S11	W14	9616	09 18.2	11	SF		3	E		36		FH
0294		19	0810	08111	0820	N16	E44	9621	09 22.7	10	SF					48		F
	SVTO	19	0810	0811	0819	N17	E44	9621	09 22.7	9	SF		3	E		34		F
	LEAR	19	0810	0811	0822	N16	E44	9621	09 22.7	12	SF		2	E		63		F
	KANZ	19	0810	0812	0814D	N16	E43	9621	09 22.6	4D	SF		2	E				
0295		19	11534	11552	1205	N15	E37	9621	09 22.3	12	SF					11		
	KANZ	19	1153	1155	1202	N15	E36	9621	09 22.2	9	SF		2	E				
	RAMY	19	1157	1157	1208	N15	E38	9621	09 22.4	11	SF		3	E		11		
0296	KANZ	19	1205	1207	1208D	N16	E37	9621	09 22.3	3D	SF		2	E				
0297	KANZ	19	1249E	1250U	1259D	N10	E34	9620	09 22.1	10D	SF		2	E				
0298	RAMY	19	1309	1311	1313	S19	E66	9628	09 24.6	4	SF		3	E		11		
0299		19	1540	1541	1544	S14	W29	9616	09 17.5	4	SF					30		
	RAMY	19	1540	1541	1544	S14	W29	9616	09 17.5	4	SF		3	E		30		
	HOLL	19	1540	1541	1544	S14	W29	9616	09 17.5	4	SF		3	E		30		
0300	HOLL	19	1641	1644	1650	N12	E32	9620	09 22.1	9	SF		3	E		11		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Area Measurement Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0301		19	18471	18502	1858	S19	E66	9628	09 24.8	11	SF					68		F
	HOLL	19	1847	1852	1859	S19	E65	9628	09 24.7	12	SF		3	E		89		F
	RAMY	19	1848	1850	1857	S19	E66	9628	09 24.8	9	SF		3	E		48		
0302	HOLL	19	2052	2054	2101	N11	E33	9620	09 22.3	9	SF		3	E		17		
0303	HOLL	19	2302	2317	2333	N12	E28	9620	09 22.1	31	SF		3	E		61		F
0304	HOLL	19	2336	2340	2415	N25	E24	9626	09 21.8	39	SF		3	E		21		
0305	LEAR	20	0133	0133	0136	S18	E82	9632	09 26.3	3	SF		3	E		18		
0306	LEAR	20	0506	0507	0522	S17	E57	9628	09 24.5	16	SF		3	E		28		F
0307		20	1150	1152	1154	S20	E56	9628	09 24.8	4	SF					23		
	KANZ	20	1150	1152	1154	S20	E55	9628	09 24.7	4	SF		2	E				
	RAMY	20	1150	1152	1155	S20	E56	9628	09 24.8	5	SF		3	E		23		
0308	KANZ	20	1258	1301	1310	S15	E53	9628	09 24.5	12	SF		2	E				
0309		20	14371	14381	1455	N07	W09	9631	09 19.9	18	SF					30		F
	KANZ	20	1437	1438	1453	N06	W09	9631	09 19.9	16	SF		2	E				
	HOLL	20	1438	1439	1451	N07	W09	9631	09 19.9	13	SF		3	E		31		F
	RAMY	20	1438	1439	1502	N08	W10	9631	09 19.9	24	SF		3	E		28		F
0310		20	1815	18171	1840	N08	W12	9631	09 19.9	25	SN					64		U
	RAMY	20	1815	1817	1849	N08	W12	9631	09 19.9	34	SN		3	E		63		U
	HOLL	20	1815	1818	1830	N09	W11	9631	09 19.9	15	SN		3	E		65		U
0311	HOLL	20	1830	1841	1854	N08	W11	9631	09 19.9	24	SF		3	E		12		
0312	HOLL	20	1850	1850	1857	S17	E54	9628	09 24.9	7	SF		3	E		30		F
		20	1911		1912	No Flare Patrol												
		20	1929		1935	No Flare Patrol												
0313	HOLL	20	2210	2210	2217	N09	W14	9631	09 19.9	7	SF		3	E		20		F
0314	HOLL	20	2218	2218	2222	N08	W14	9631	09 19.9	4	SF		3	E		14		
0315	HOLL	20	2351	2356	2418	N24	E11	9626	09 21.8	27	SF		3	E		20		
0316	LEAR	21	0124	0127	0138	N10	E14	9620	09 22.1	14	SF		2	E		22		FH
0317	LEAR	21	0450	0454	0517	N10	E12	9620	09 22.1	27	SF		3	E		96		F
0318		21	0640	06401	0646	S18	E63	9632	09 26.1	6	SF					40		
	SVTO	21	0640	0640	0645	S18	E63	9632	09 26.1	5	SF		3	E		27		
	LEAR	21	0640	0641	0646	S19	E63	9632	09 26.1	6	SF		2	E		54		
0319		21	06536	07021	0726	N08	W20	9631	09 19.8	33	SF					58		
	SVTO	21	0653	0702	0744	N08	W19	9631	09 19.9	51	SF		3	E		54		
	LEAR	21	0659	0703	0718	N07	W21	9631	09 19.7	19	SF		2	E		62		
	KANZ	21	0701E	0702	0717	N08	W19	9631	09 19.9	16D	SF		2	E				
0320		21	11271	11283	1207	S20	E42	9628	09 24.7	40	SF					39		F
	RAMY	21	1127	1131	1230	S20	E43	9628	09 24.8	63	SF		3	E		39		F
	KANZ	21	1128	1128	1144	S20	E42	9628	09 24.7	16	SF		2	E				
0321		21	11411	11442	1152	N25	E08	9626	09 22.1	11	SF					20		
	KANZ	21	1141	1144	1148	N25	E08	9626	09 22.1	7	SF		2	E				
	RAMY	21	1142	1146	1156	N25	E08	9626	09 22.1	14	SF		3	E		20		
0322	RAMY	21	1217	1224	1230	S19	E62	9632	09 26.2	13	SF		3	E		63		H
0323	KANZ	21	1503	1506	1509D	N01	E16	9624	09 22.8	6D	SF		2	E				
0324	RAMY	21	1526	1531	1548	N08	W23	9631	09 19.9	22	SF		3	E		20		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0325		21	1644	16451	1650	S17	E58	9632	09 26.1	6	SF					18		
	HOLL	21	1644	1645	1650	S17	E58	9632	09 26.1	6	SF		3	E		18		
	RAMY	21	1644	1646	1650	S17	E58	9632	09 26.1	6	SF		3	E		17		
0326	HOLL	21	1943	1944	1951	N08	W27	9631	09 19.8	8	SF		3	E		19		
0327	HOLL	21	1945	1949	2003	N13	W16	9622	09 20.6	18	SF		3	E		26		F
0328	HOLL	21	2010	2011	2028	N08	W26	9631	09 19.9	18	SF		3	E		47		
0329	HOLL	21	2024	2026	2032	N17	E15	9621	09 23.0	8	SF		3	E		19		F
0330	HOLL	21	2109	2110	2114	S11	W58	9616	09 17.5	5	SF		3	E		17		
0331	HOLL	21	2129	2134	2204	N13	W17	9622	09 20.6	35	SF		3	E		75		F
0332	HOLL	21	2229	2230	2244	N08	W28	9631	09 19.8	15	SF		3	E		23		
0333	HOLL	21	2325	2325	2333	N13	W18	9622	09 20.6	8	SF		3	E		32		
		22	0038		0110	No Flare Patrol												
0334		22	0543	05442	0553	S08	W64	9616	09 17.4	10	1N					68	2.3	E
	LEAR	22	0543	0546	0551	S09	W65	9616	09 17.3	8	SF		3	E		41		
	URUM	22	0544E	0544	0555	S08	W63	9616	09 17.5	11D	1B			P		96	2.3	E
0335		22	0641	06412	0654	S19	E48	9632	09 25.9	13	SF					22		F
	SVTO	22	0641	0641	0658	S18	E49	9632	09 26.0	17	SF		3	E		28		F
	LEAR	22	0641	0643	0649	S20	E48	9632	09 25.9	8	SF		3	E		17		F
0336		22	0643	06432	0700	N14	W24	9622	09 20.5	17	SF					54		F
	SVTO	22	0643	0643	0703	N14	W23	9622	09 20.5	20	SF		3	E		55		F
	LEAR	22	0643	0645	0656	N14	W24	9622	09 20.5	13	SF		2	E		53		F
0337	URUM	22	0703E	0703	0703D	N24	W32		09 19.8	13D	SB			P		161	2.0	E
0338		22	0836	08352	0841	N16	E06	9621	09 22.8	5	SN					86	1.7	E
	URUM	22	0835E	0835	0835D	N16	E07	9621	09 22.9	5D	SN			P		161	1.7	E
	SVTO	22	0836	0837	0841	N15	E06	9621	09 22.8	5	SF		3	E		12		
0339		22	08411	08431	0850	S10	W54	9616	09 18.3	9	SF					16		
	LEAR	22	0841	0843	0850	S09	W54	9616	09 18.3	9	SF		2	E		20		
	SVTO	22	0842	0844	0850	S11	W55	9616	09 18.2	8	SF		3	E		12		
0340		22	0920	0924*	0936	N24	W07	9626	09 21.8	16	SF					88	2.3	EF
	URUM	22	0915E	0936	0936D	N25	W07	9626	09 21.8	21D	1N			P		209	2.3	E
	LEAR	22	0920	0924	0935	N24	W08	9626	09 21.8	15	SF		2	E		25		F
	SVTO	22	0920	0924	0938	N24	W07	9626	09 21.8	18	SF		3	E		31		F
0341	URUM	22	0915E	0915	0936	N16	E16	9621	09 23.6	21D	1N			P		225	2.4	E
0342		22	0923	0924*	0933	N13	W26	9622	09 20.4	10	SF					66	1.8	EF
	SVTO	22	0923	0924	0934	N13	W26	9622	09 20.4	11	SF		3	E		21		F
	LEAR	22	0923	0925	0932	N14	W26	9622	09 20.4	9	SF		2	E		16		F
	URUM	22	0936E	0936	0936D	N13	W26	9622	09 20.4	9D	SN			P		161	1.8	E
0343	SVTO	22	1050	1054	1102	S18	E46	9632	09 25.9	12	SF		3	E		46		F
0344	RAMY	22	1214	1214	1224	N08	W37	9631	09 19.7	10	SF		3	E		11		F
0345	RAMY	22	1222	1224	1229	S16	E51	9632	09 26.4	7	SF		3	E		15		F
0346		22	1355	13551	1407	S18	E48	9632	09 26.2	12	SF					14		F
	RAMY	22	1355	1355	1402	S18	E49	9632	09 26.3	7	SF		3	E		11		F
	HOLL	22	1355	1356	1412	S18	E48	9632	09 26.2	17	SF		3	E		16		F
0347	RAMY	22	1407	1408	1410	S18	E49	9632	09 26.3	3	SF		3	E		21		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	Imp Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0348		22	1455	1457	1500	S18	E28	9628	09 24.7	5	SF					24		F
	HOLL	22	1455	1457	1500	S18	E29	9628	09 24.8	5	SF		3	E		34		
	RAMY	22	1455	1457	1500	S17	E28	9628	09 24.7	5	SF		3	E		13		F
0349	RAMY	22	1501	1507	1546	S17	E51	9632	09 26.5	45	SF		3	E		36		F
0350		22	1502	15182	1542	S18	E50	9632	09 26.4	40	SF					30		F
	HOLL	22	1502	1520	1545	S18	E51	9632	09 26.5	43	SF		3	E		37		
	SVTO	22	1517E	1518	1540	S17	E49	9632	09 26.4	23D	SF		3	E		22		F
0351	HOLL	22	1554	1554	1600	N13	W27	9622	09 20.6	6	SF		3	E		13		
0352	HOLL	22	1706	1707	1713	N01	E18	9627	09 24.0	7	SF		3	E		20		
0353		22	17171	1718	1722	N12	W33	9622	09 20.2	5	SF					20		
	HOLL	22	1717	1718	1723	N13	W33	9622	09 20.2	6	SF		3	E		24		
	RAMY	22	1718	1718	1722	N12	W33	9622	09 20.2	4	SF		3	E		15		
0354		22	18053	18101	1820	S16	E26	9628	09 24.7	15	SF					47		F
	HOLL	22	1805	1810	1823	S15	E26	9628	09 24.7	18	SF		3	E		59		F
	RAMY	22	1808	1811	1817	S16	E26	9628	09 24.7	9	SF		3	E		35		F
0355	HOLL	22	1816	1825	1838	S18	E47	9632	09 26.3	22	SF		3	E		30		F
0356	HOLL	22	1919	1921	1929	S20	E44	9632	09 26.2	10	SF		3	E		25		
0357	HOLL	22	2000	2008	2016	S17	E25	9628	09 24.7	16	1F		3	E		104		
0358	HOLL	22	2008	2012	2031	N11	W32	9622	09 20.4	23	SF		3	E		39		F
0359	HOLL	22	2028	2030	2035	S17	E26	9628	09 24.8	7	SF		3	E		10		
0360	HOLL	22	2127	2127	2130	S18	E25	9628	09 24.8	3	SF		3	E		23		
0361	HOLL	22	2203	2205	2229	N12	W32	9622	09 20.5	26	SF		3	E		81		F
		22	2242		2251	No Flare Patrol												
0362	LEAR	22	2321	2321	2331	S15	E21	9628	09 24.6	10	SF		3	E		14		F
0363	LEAR	23	0003	0006	0013	S15	E20	9628	09 24.5	10	SF		3	E		42		F
0364	LEAR	23	0104	0107	0109	N14	W36	9622	09 20.3	5	SF		3	E		26		
0365	LEAR	23	0158	0159	0203	N12	W35	9622	09 20.4	5	SF		3	E		10		F
0366		23	0237*	03019	0313	N12	W32	9622	09 20.7	36	SN					52	1.0	EF
	URUM	23	0237	0310	0310D	N12	W34	9622	09 20.5	33D	SN			P		80	1.0	E
	LEAR	23	0250	0301	0313	N13	W31	9622	09 20.8	23	SF		3	E		23		F
0367	URUM	23	0537E	0537	0537D	N23	E54		09 27.4	23D	1N			P		209	3.7	E
0368	URUM	23	0600E	0600	0618	N13	W35	9622	09 20.6	18D	1N			P		386	4.8	E
0369	URUM	23	0618E	0618	0618D	N01	W10	9624	09 22.5	18D	SN			P		161	1.7	E
0370		23	0716	07181	0722	N13	W38	9622	09 20.4	6	SF					12		
	SVTO	23	0716	0718	0721	N14	W39	9622	09 20.3	5	SF		3	E		10		
	LEAR	23	0716	0719	0723	N12	W37	9622	09 20.5	7	SF		3	E		15		
0371	URUM	23	0757E	0757	0757D	N25	W03	9629	09 23.1	7D	1N			P		209	2.3	E
0372	URUM	23	0906	0915	0928	N13	W35	9622	09 20.7	22	1N			C		289	3.6	E
0373	SVTO	23	0959	0959	1012	S15	E13	9628	09 24.4	13	SF		3	E		25		F
0374		23	11268	1136	1153	S17	E38	9632	09 26.4	27	SN					63		F
	RAMY	23	1126	1136	1157	S18	E40	9632	09 26.5	31	SN		3	E		81		
	SVTO	23	1134	1136	1149	S16	E37	9632	09 26.3	15	SF		3	E		45		F

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0375	SVTO	23	1359	1359	1405	S16	E36	9632	09 26.3	6	SF		3	E		11		F
0376		23	1352*	1422	1524	S17	E37	9632	09 26.4	92	SF					50		F
	RAMY	23	1352	1422	1524	S18	E38	9632	09 26.5	92	SF		3	E		57		F
	SVTO	23	1418	1422	1517D	S16	E36	9632	09 26.3	59D	SF		3	E		43		F
0377		23	15411	15421	1548	S21	E20	9628	09 25.2	7	SF					20		F
	HOLL	23	1541	1542	1549	S21	E20	9628	09 25.2	8	SF		3	E		23		F
	RAMY	23	1542	1543	1548	S21	E20	9628	09 25.2	6	SF		3	E		18		F
0378	HOLL	23	1704	1705	1713	S15	E10	9628	09 24.5	9	SF		3	E		24		
		23	1726		1827	No Flare Patrol												
0379	HOLL	23	1838	1840	1845	S21	E19	9628	09 25.2	7	SF		3	E		17		F
0380	HOLL	23	2044	2047	2053	N09	W43	9622	09 20.6	9	SF		3	E		36		
0381	HOLL	23	2208	2209	2225	S21	E18	9628	09 25.3	17	SF		3	E		14		U
0382	LEAR	23	2323	2325	2340	S16	E30	9632	09 26.2	17	SF		3	E		20		F
0383	HOLL	23	2354	2354	2359	S20	E16	9628	09 25.2	5	SF		3	E		24		F
0384	LEAR	24	0016	0021	0032	S16	E06	9628	09 24.5	16	SF		3	E		53		F
0385	LEAR	24	0034	0035	0044	S15	E05	9628	09 24.4	10	SF		3	E		34		F
0386	LEAR	24	0449	0450	0456	N12	E73	9636	09 29.7	7	SF		3	E		45		F
0387	LEAR	24	0611	0613	0617	S22	E11	9628	09 25.1	6	SF		3	E		12		F
0388		24	08111	08112	0818	N21	E10	9635	09 25.1	7	SF					22		
	LEAR	24	0811	0811	0818	N21	E10	9635	09 25.1	7	SF		3	E		22		
	KANZ	24	0812	0813	0828D	N21	E10	9635	09 25.1	16D	SF		2	E				
0389	URUM	24	0855E	0855	0855D	S31	W35		09 21.6	16D	1N			P		257	4.2	E
0390	LEAR	24	0913	0915	0919	N13	E75	9636	09 30.0	6	SF		3	E		30		
0391	LEAR	24	0922	0947	0949D	S20	E22	9632	09 26.1	27D	SF		3	E		73		
0392	SVTO	24	0936E	1019	1217	S16	E23	9632	09 26.1	161D	2B		2	E		284		F
0393	URUM	24	1000	1034	1034D	S17	E29	9632	09 26.6	34D	3N			P		1206	15.7	E
0394		24	12021	12034	1210	S16	E74	9637	09 30.1	8	SF					21		
	RAMY	24	1202	1207	1210	S17	E74	9637	09 30.1	8	SF		3	E		31		
	SVTO	24	1203	1203	1209	S16	E75	9637	09 30.2	6	SF		2	E		11		
0395		24	15071	1509	1524	S22	E07	9628	09 25.2	17	SF					83		
	RAMY	24	1507	1509	1529	S22	E06	9628	09 25.1	22	SF		3	E		84		
	HOLL	24	1508	1509	1519	S22	E08	9628	09 25.2	11	SF		3	E		82		
0396	HOLL	24	1624	1629	1642	N17	W21	9621	09 23.1	18	SF		3	E		26		
0397	RAMY	24	1644	1645	1650	S18	E01	9628	09 24.8	6	SF		3	E		20		
0398		24	1658	1659	1717	N09	E66	9636	09 29.7	19	1F					110		
	RAMY	24	1658	1659	1714	N08	E66	9636	09 29.6	16	SF		3	E		60		
	HOLL	24	1700E	1700U	1720	N10	E66	9636	09 29.7	20D	1F		3	E		159		
0399	RAMY	24	1723	1723	1727	N10	E67	9636	09 29.7	4	SF		3	E		21		
0400	RAMY	24	1721	1722	1728	S19	E02	9628	09 24.9	7	SF		3	E		12		F
0401		24	1737	1740	1807	S18	E02	9628	09 24.9	30	SF					31		F
	RAMY	24	1737	1738U	2057D	S17	E01	9628	09 24.8	200D	SF		3	E		30		
	HOLL	24	1737	1740	1807	S18	E03	9628	09 25.0	30	SF		3	E		32		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0402	HOLL	24	1835	1852	1900	S20	E05	9628	09 25.1	25	SF		3	E		44		F
0403	HOLL	24	1939	1939	1942	N11	E69	9636	09 30.0	3	SF		3	E		17		
0404	HOLL	24	1950	1956	2015	S17	E05	9628	09 25.2	25	SF		3	E		36		F
0405	HOLL	24	2028	2031	2041	S16	E05	9628	09 25.2	13	SF		3	E		11		F
0406	HOLL	24	2139	2139	2143	S21	E00	9628	09 24.9	4	SF		3	E		29		
0407	HOLL	24	2205	2212	2223	S16	E04	9628	09 25.2	18	SF		3	E		57		F
0408	HOLL	24	2207	2207	2213	N08	W67	9631	09 19.9	6	SF		3	E		23		F
0409	HOLL	24	2257	2259	2301	S12	W88	9616	09 18.3	4	SF		3	E		63		
0410	HOLL	24	2318	2318	2323	N11	E59	9636	09 29.4	5	SF		3	E		21		
0411	HOLL	24	2340	2403	2418	S16	W05	9628	09 24.6	38	1F		3	E		122		FU
0412	LEAR	25	0029E	0029U	0051	S17	W07	9628	09 24.5	22D	SF		3	E		74		FH
0413	LEAR	25	0133	0133	0138	S14	E03	9628	09 25.3	5	SF		3	E		13		
0414		25	0141	01512	0204	S15	E03	9628	09 25.3	23	1N					129	2.3	E
	LEAR	25	0141	0151	0208	S14	E03	9628	09 25.3	27	SF		3	E		49		
	URUM	25	0153E	0153	0159	S16	E03	9628	09 25.3	6D	1N			P		209	2.3	E
0415	LEAR	25	0349	0351	0356	N14	E76	9636	09 30.9	7	SF		3	E		57		
0416	LEAR	25	0426	0440	0506	S18	W01	9628	09 25.1	40	1N		3	E		144		FZ
0417	LEAR	25	0455	0458	0503	N14	E76	9636	09 30.9	8	SF		3	E		26		
0418	LEAR	25	0511	0511	0530	S18	E06	9628	09 25.7	19	SF		2	E		48		F
0419	LEAR	25	0517	0518	0520	S17	E17	9632	09 26.5	3	SF		3	E		14		
0420	URUM	25	0532E	0536	0547	S22	E02	9632	09 25.4	15D	2B			P		450	5.3	E
0421		25	0644*	0645*	0702	N18	W30	9621	09 23.0	18	SF					15		F
	SVTO	25	0644	0645	0702	N17	W30	9621	09 23.0	18	SF		3	E		13		F
	LEAR	25	0657	0657	0702	N18	W29	9621	09 23.1	5	SF		2	E		17		F
0422	SVTO	25	0817	0823	0835	S16	W02	9628	09 25.2	18	SF		3	E		24		F
0423	SVTO	25	1020	1027	1040	S16	W03	9628	09 25.2	20	1N		3	E		146		H
0424	SVTO	25	1043	1048	1051	S15	W04	9628	09 25.1	8	SF		3	E		12		
0425		25	1143	1144	1206	S18	W12	9628	09 24.6	23	SF					31		F
	RAMY	25	1143	1144	1211	S18	W13	9628	09 24.5	28	SF		3	E		42		F
	SVTO	25	1152E	1155U	1200	S18	W10	9628	09 24.7	8D	SF		3	E		20		F
0426	RAMY	25	1400	1400	1404	S17	W05	9628	09 25.2	4	SF		3	E		11		
0427	RAMY	25	1642	1642	1651	S16	W15	9628	09 24.5	9	SF		3	E		14		F
0428		25	16495	16516	1705	S16	E07	9632	09 26.2	16	SF					12		F
	RAMY	25	1649	1651	1704	S16	E07	9632	09 26.2	15	SF		3	E		12		F
	HOLL	25	1654	1657	1706	S16	E07	9632	09 26.2	12	SF		3	E		11		
0429		25	1713	17162	1730	S17	W08	9628	09 25.1	17	SN					76		FHU
	HOLL	25	1713	1716	1730	S17	W08	9628	09 25.1	17	SF		3	E		79		U
	RAMY	25	1713	1718	1730	S17	W08	9628	09 25.1	17	SN		3	E		74		FH
0430	HOLL	25	1726	1730	1745	S20	E05	9632	09 26.1	19	SF		3	E		23		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0431		25	18471	1850	1908	S20	W10	9628	09 25.0	21	SF					20		F
	HOLL	25	1847	1850	1908	S20	W08	9628	09 25.2	21	SF		3	E		26		
	RAMY	25	1848	1850	1907	S20	W11	9628	09 24.9	19	SF		3	E		13		F
0432	HOLL	25	1913	1918	1925	S21	W11	9628	09 24.9	12	SF		3	E		16		
0433	HOLL	25	1937	1938	1958	S16	W09	9628	09 25.1	21	SF		3	E		33		
0434	HOLL	25	2009	2009	2019	S19	E10	9632	09 26.6	10	SF		3	E		20		F
0435	HOLL	25	2015	2054	2158	S20	W14	9628	09 24.8	103	SF		3	E		23		
0436	HOLL	25	2308	2310	2314	S16	W12	9628	09 25.0	6	SF		3	E		12		
0437	HOLL	25	2356	2402	2415	S19	E08	9632	09 26.6	19	SF		3	E		20		F
0438	SVTO	26	0637	0639	0725	S16	W23	9628	09 24.5	48	SF		3	E		62		F
0439	URUM	26	0640	0647	0725	S09	W29		09 24.1	45	1N			C		209	2.6	E
		26	0751		0904	No Flare Patrol												
0440	RAMY	26	1118	1118	1131	N12	W57	9620	09 22.2	13	SF		3	E		19		
0441	RAMY	26	1228	1229	1305	N13	E51	9636	09 30.4	37	SF		3	E		24		F
0442		26	16156	16311	1658	N15	E54	9636	09 30.8	43	SF					34		F
	HOLL	26	1615	1631	1715	N14	E55	9636	09 30.8	60	SF		3	E		58		F
	RAMY	26	1621	1632	1642	N16	E53	9636	09 30.7	21	SF		3	E		11		F
0443		26	17121	17132	1740	S17	W21	9628	09 25.1	28	SF					33		FH
	HOLL	26	1712	1713	1740	S17	W21	9628	09 25.1	28	SF		3	E		14		FH
	RAMY	26	1713	1715	1740	S17	W21	9628	09 25.1	27	SF		3	E		52		F
0444	HOLL	26	1910	1912	1916	N11	E32	9634	09 29.2	6	SF		3	E		14		F
0445	HOLL	26	1932	1938	2002	S18	W22	9628	09 25.1	30	SF		3	E		52		F
0446	HOLL	26	1953	1953	2000	N02	W54	9624	09 22.8	7	SF		3	E		31		F
0447	HOLL	26	2118	2119	2128	S20	W24	9628	09 25.0	10	SF		3	E		21		
0448	HOLL	26	2150	2152	2205	N26	W52	9629	09 22.9	15	SF		3	E		34		FU
0449	HOLL	26	2157	2158	2203	S19	W05	9632	09 26.5	6	SF		3	E		12		
0450	HOLL	26	2227	2227	2248	S20	W26	9628	09 24.9	21	SF		3	E		19		
0451	HOLL	26	2236	2255	2347	N11	E36	9636	09 29.6	71	SF		3	E		60		F
0452	HOLL	26	2239	2240	2256	N00	W39	9627	09 24.0	17	SF		3	E		15		F
0453	HOLL	26	2249	2257	2313	N15	W54	9621	09 22.9	24	SF		3	E		23		FH
0454	HOLL	26	2307	2316	2323	S20	W23	9628	09 25.2	16	SF		3	E		19		F
0455	HOLL	26	2309	2310	2313	S13	E46	9637	09 30.4	4	SF		3	E		19		F
0456	LEAR	27	0259	0259	0304	N04	W57	9624	09 22.9	5	SF		2	E		15		
0457	LEAR	27	0351	0357	0404	N12	E34	9636	09 29.7	13	SF		3	E		17		F
0458	LEAR	27	0424	0424	0437	S20	W27	9628	09 25.1	13	SF		3	E		10		F
0459		27	0614	06191	0626	S19	W28	9628	09 25.1	12	SF					15		F
	LEAR	27	0614	0619	0625	S18	W29	9628	09 25.0	11	SF		3	E		11		F
	SVTO	27	0614	0620	0629	S21	W26	9628	09 25.3	15	SF		3	E		19		F
	KANZ	27	0621E		0625	S19	W28	9628	09 25.1	4D	SF		2	E				

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0460		27	07501	0809	0823	S17	W39	9628	09 24.4	33	SF					58		F
	LEAR	27	0750	0801U	0823D	S16	W39	9628	09 24.4	33D	SF		1	E		63		F
	SVTO	27	0751	0808U	0822D	S18	W38	9628	09 24.4	31D	SF		2	E		53		F
	KANZ	27	0751	0809	0823	S18	W39	9628	09 24.3	32	SF		2	E				
0461	RAMY	27	1118	1118	1124	S19	W31	9628	09 25.1	6	SF		3	E		24		
0462		27	1145*	12132	1228	S20	W31	9628	09 25.1	43	SF					28		
	RAMY	27	1145	1215	1240	S18	W32	9628	09 25.0	55	SF		3	E		40		
	SVTO	27	1210	1213	1217	S22	W30	9628	09 25.2	7	SF		3	E		15		
0463	RAMY	27	1359	1401	1404	S19	W40	9628	09 24.5	5	SF		3	E		10		
0464	HOLL	27	1420	1420	1427	S12	E37	9637	09 30.4	7	SF		3	E		16		
0465	SVTO	27	1542	1542	1553	N14	E28	9636	09 29.8	11	SF		3	E		11		
0466	RAMY	27	1603	1605	1621	S16	E37	9637	09 30.5	18	SF		3	E		31		FH
0467	RAMY	27	1620	1620	1625	S17	W20	9632	09 26.2	5	SF		3	E		14		F
0468	HOLL	27	1659	1701	1710	N12	E16	9634	09 28.9	11	SF		3	E		17		F
0469	HOLL	27	1704	1705	1709	S17	W43	9628	09 24.4	5	SF		3	E		12		F
0470	HOLL	27	1756	1757	1802	S20	W34	9628	09 25.1	6	SF		3	E		83		F
0471	HOLL	27	1827	1829	1838	N11	E15	9634	09 28.9	11	SF		3	E		13		
0472	HOLL	27	2046	2050	2105	N13	E33	9636	09 30.3	19	SF		3	E		51		F
0473	HOLL	27	2052	2052	2110	N12	E14	9634	09 28.9	18	SF		3	E		17		F
0474	HOLL	27	2204	2205	2209	N22	W37	9635	09 25.1	5	SF		3	E		53		
0475	HOLL	27	2215	2217	2221	S17	W19	9632	09 26.5	6	SF		3	E		27		
0476	LEAR	28	0018	0018	0028	S16	W21	9632	09 26.4	10	SF		3	E		14		F
0477	LEAR	28	0051	0054	0103	N10	E13	9634	09 29.0	12	SF		3	E		27		F
0478	LEAR	28	0203	0203	0228	S17	E32	9637	09 30.5	25	1F		3	E		122		FZ
0479		28	0400	0428	0449	S14	W27	9632	09 26.1	49	1N					139	2.7	E
	URUM	28	0400	0428	0449	S17	W29	9632	09 26.0	49	1B			C		209	2.7	E
	LEAR	28	0424E	0432U	0453D	S12	W25	9632	09 26.3	29D	SF		3	E		69		
0480	LEAR	28	0424E	0425U	0453D	S17	W49	9628	09 24.4	29D	SF		3	E		31		
0481		28	06334	06443	0700	N21	W42	9635	09 25.0	27	SF					181	4.5	E
	KANZ	28	0633	0647	0659	N21	W43	9635	09 25.0	26	SF		2	E				
	SVTO	28	0637	0647	0657	N19	W42	9635	09 25.1	20	SF		3	E		41		
	URUM	28	0644E	0644	0704	N23	W41	9635	09 25.1	20D	1N			P		321	4.5	E
0482	URUM	28	0700E	0704	0704D	S18	W29	9632	09 26.1	4D	1N			P		161	2.1	E
0483	KANZ	28	0727	0729	0733	S18	W26	9632	09 26.3	6	SF		2	E				
0484	SVTO	28	0728	0728	0732	S23	W18	9632	09 26.9	4	SF		3	E		14		F
0485	KANZ	28	0735	0744	0808	S17	W35	9632	09 25.6	33	SF		2	E				
0486	SVTO	28	0755	0757U	0802	S19	W40	9628	09 25.3	7	SF		3	E		46		
0487		28	08454	08483	0904	S18	E28	9637	09 30.5	19	SF					43		F
	KANZ	28	0845	0848	0906	S18	E28	9637	09 30.5	21	SF		2	E				
	SVTO	28	0847	0851	0904	S17	E28	9637	09 30.5	17	SF		3	E		49		F
	LEAR	28	0849	0849	0903	S19	E28	9637	09 30.5	14	SF		3	E		37		F

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0488		28	08462	08495	0915	S15	W31	9632	09 26.0	29	SF					34		
	KANZ	28	0846	0849	0914	S16	W31	9632	09 26.0	28	SF		2	E				
	LEAR	28	0847	0854	0917	S14	W32	9632	09 25.9	30	SF		3	E		45		
	SVTO	28	0848	0852U	0915	S15	W31	9632	09 26.0	27	SF		3	E		22		
0489		28	08103	08221	0947	N11	E18	9636	09 29.7	97	2N					305		FH
	KANZ	28	0810	0823	1000	N11	E17	9636	09 29.6	110	2N		2	E				
	LEAR	28	0812	0822	0934	N10	E18	9636	09 29.7	82	2N		3	E		284		FH
	SVTO	28	0813	0822U	0953D	N11	E18	9636	09 29.7	100D	2N		2	E		326		FH
0490	URUM	28	0902	0905	1000	N14	E17	9636	09 29.7	58	1B			C		273	3.0	E
0491		28	09255	0948*	1123	S18	W36	9628	09 25.6	118	1N					308	7.0	E
	URUM	28	0925	1007	1046	S17	W38	9628	09 25.5	81	2B			C		482	7.0	E
	KANZ	28	0930	0948	1141	S18	W35	9628	09 25.7	131	1N		2	E				
	SVTO	28	0931E	0949U	1142	S18	W36	9628	09 25.6	131D	1N		2	E		135		
0492	URUM	28	0917E	0917	0932D	N21	W42	9635	09 25.2	15D	1N			P		193	2.7	E
0493	URUM	28	0932E	0932	0932D	N22	W40	9635	09 25.3	15D	SB			P		64	0.9	D
0494	SVTO	28	0940E	0953U	1044D	S17	W24	9632	09 26.6	64D	SF		2	E		46		
0495		28	13531	13561	1406	S18	E26	9637	09 30.5	13	SF					11		
	KANZ	28	1353	1356	1401	S19	E26	9637	09 30.6	8	SF		2	E				
	HOLL	28	1354	1357	1411	S18	E26	9637	09 30.5	17	SF		3	E		11		
0496	HOLL	28	1357	1359	1408	S17	W47	9628	09 25.0	11	SF		3	E		12		
0497	HOLL	28	1422	1426	1430	S20	W56	9628	09 24.3	8	SF		3	E		19		
0498		28	14544	1512*	1558	S19	W54	9628	09 24.5	64	SF					58		F
	HOLL	28	1454	1523	1629	S20	W57	9628	09 24.3	95	SF		3	E		78		F
	SVTO	28	1458	1512	1526	S18	W52	9628	09 24.7	28	SF		3	E		37		F
0499		28	1553	1554	1601	S17	W46	9628	09 25.2	8	SF					18		F
	RAMY	28	1553	1554	1601	S18	W47	9628	09 25.1	8	SF		3	E		14		
	SVTO	28	1553	1554	1602D	S16	W46	9628	09 25.2	9D	SF		2	E		22		F
0500	HOLL	28	1607	1611	1631	S18	W31	9632	09 26.3	24	SF		3	E		31		F
0501	HOLL	28	1700	1707	1721	N14	E14	9634	09 29.8	21	SF		3	E		28		F
0502	HOLL	28	1712	1716	1726	S17	W47	9628	09 25.1	14	SF		3	E		39		F
0503	HOLL	28	1750	1800	1812	S17	W48	9628	09 25.1	22	SF		3	E		14		F
0504	HOLL	28	1813	1824	1917	N14	E08	9634	09 29.4	64	1F		4	E		116		F
0505	HOLL	28	1813	1823	1837	S15	W50	9628	09 25.0	24	SF		3	E		13		
0506	HOLL	28	1919	1924	2027	S18	E22	9637	09 30.5	68	1F		3	E		145		FH
0507	HOLL	28	1920	1921	1926	N11	W10	9634	09 28.0	6	SF		3	E		14		
0508	HOLL	28	1920	1925	1938	S16	W50	9628	09 25.0	18	SF		3	E		19		
0509	HOLL	28	2001	2001	2007	N12	E21	9636	09 30.4	6	SF		3	E		13		F
0510	HOLL	28	2109	2123	2215	N13	E11	9634	09 29.7	66	1F		3	E		102		F
0511	HOLL	28	2113	2118	2157	S11	E21	9637	09 30.5	44	SF		3	E		84		F
0512	HOLL	28	2306	2306	2321	S16	W50	9628	09 25.2	15	SF		3	E		22		F
0513	LEAR	28	2358	2415	2451	S14	W54	9628	09 24.9	53	SF		3	E		72		F
		29	0044		0049	No Flare Patrol												
		29	0057		0103	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	Imp Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0514	SVTO	29	0650	0651	0702	S18	W54	9628	09 25.2	12	SF		3	E		24		F
0515		29	07214	07341	0757	N13	E05	9636	09 29.7	36	1F					94		F
	KANZ	29	0721	0734	0757	N13	E04	9636	09 29.6	36	1F		2	E				
	SVTO	29	0725	0735	0757	N12	E05	9636	09 29.7	32	SF		3	E		84		F
	LEAR	29	0734E	0734U	0736D	N14	E06	9636	09 29.8	2D	1F		2	E		104		F
0516	URUM	29	0734	0754	0806D	N17	E03	9636	09 29.5	32D	2N			P		514	5.4	E
0517	SVTO	29	0811	0813	0822	S16	W54	9628	09 25.2	11	SF		3	E		20		
0518		29	10341	10551	1226	N13	E02	9636	09 29.6	112	1F					195		F
	SVTO	29	1034	1055	1228	N13	E03	9636	09 29.7	114	1F		3	E		195		F
	KANZ	29	1035	1056	1223	N13	E01	9636	09 29.5	108	1F		2	E				
0519	SVTO	29	1037	1038	1044	N14	W05	9634	09 29.1	7	SF		3	E		14		
0520	SVTO	29	1044	1116	1137	N14	W05	9634	09 29.1	53	SF		3	E		39		
0521	RAMY	29	1100	1111	1306	N12	E03	9636	09 29.7	126	1F		3	E		152		F
0522	HOLL	29	1356	1415	1500	N12	E02	9634	09 29.7	64	SF		3	E		62		F
0523	SVTO	29	1446	1446	1501	N13	E09	9636	09 30.3	15	SF		3	E		17		F
0524	HOLL	29	1546	1550	1554	N12	E01	9634	09 29.7	8	SF		3	E		13		
0525		29	1558*	16271	1649	N12	E00	9634	09 29.7	51	SF					30		F
	HOLL	29	1558	1628	1657	N12	E00	9634	09 29.7	59	SF		3	E		39		F
	RAMY	29	1615	1627	1641	N12	E01	9634	09 29.7	26	SF		3	E		20		
0526	HOLL	29	1610	1610	1615	S17	W68	9628	09 24.5	5	SF		3	E		13		
0527	HOLL	29	1806	1812	1832	N10	W01	9634	09 29.7	26	SF		3	E		22		F
0528	HOLL	29	1828	1828	1835	N21	W60	9635	09 25.2	7	SF		3	E		15		
		29	2121		2136	No Flare Patrol												
		29	2150		2236	No Flare Patrol												
		29	2241		2247	No Flare Patrol												
0529	LEAR	30	0008	0013	0021	N13	W08	9636	09 29.4	13	SF		3	E		21		F
0530	LEAR	30	0029	0036	0057	N12	W05	9636	09 29.6	28	SF		3	E		20		F
0531	LEAR	30	0253	0255	0300	S18	W51	9632	09 26.2	7	SF		3	E		13		
0532	LEAR	30	0258	0259	0311	N13	W09	9636	09 29.4	13	SF		3	E		15		
0533	LEAR	30	0439	0440	0442	S17	W75	9628	09 24.5	3	SF		3	E		16		
0534	LEAR	30	0503	0504	0516	N12	W09	9636	09 29.5	13	SF		2	E		50		F
0535	LEAR	30	0533	0533	0539	N12	W08	9636	09 29.6	6	SF		2	E		16		F
0536	LEAR	30	0540	0545	0623	N13	E01	9636	09 30.3	43	SF		2	E		41		FH
0537		30	06511	06514	0702	N13	W11	9636	09 29.4	11	SF					20		F
	LEAR	30	0651	0651	0701	N13	W11	9636	09 29.4	10	SF		2	E		27		F
	SVTO	30	0652	0655	0702	N13	W11	9636	09 29.4	10	SF		3	E		14		
0538	LEAR	30	0831	0837	0854	N11	W09	9636	09 29.7	23	SF		1	E		21		F
0539	LEAR	30	0903	0903	0907	N12	W11	9636	09 29.5	4	SF		1	E		15		F
		30	0921		0937	No Flare Patrol												
0540	SVTO	30	0941E	0942U	0954D	S14	E03	9637	09 30.6	13D	SF		2	E		50		F
		30	1006		1045	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	Imp Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0541	RAMY	30	1134	1135	1156	S20	W75	9628	09 24.7	22	SF		3	E		54		F
		30	1632		1648	No Flare Patrol												
0542	RAMY	30	1728	1734	1807	N11	W17	9636	09 29.4	39	SF		3	E		44		F
0543	RAMY	30	1733	1735	1739	S18	W61	9628	09 26.1	6	SF		3	E		12		F
0544	RAMY	30	1822	1823	1837	N11	W16	9636	09 29.6	15	SF		3	E		22		F
0545	RAMY	30	1828	1829	1842	S18	W79	9628	09 24.7	14	SF		3	E		57		
0546	RAMY	30	1829	1829	1837	S19	W60	9632	09 26.2	8	SF		3	E		13		F
0547	RAMY	30	1842	1843	1901	N11	W16	9636	09 29.6	19	SF		3	E		33		F
0548		30	1928	1928	1934	S24	W70	9628	09 25.4	6	SF					44		
	HOLL	30	1928E	1928U	1931D	S24	W68	9628	09 25.5	3D	SF		3	E		38		
	RAMY	30	1928	1928	1934	S24	W71	9628	09 25.3	6	SF		3	E		50		
		30	2017		2026	No Flare Patrol												
		30	2036		2043	No Flare Patrol												
0549	RAMY	30	2046	2047	2057	S17	W56	9632	09 26.6	11	SF		3	E		15		
		30	2049		2400	No Flare Patrol												

"Remarks"

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

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