Hα SOLAR FLARES

MAY 2000

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Obs See	Obs Type	Area Measurement Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0001		01	0211	02114	0215	S13	W28	8976	04	29.1	4	1N					128	2.8	E
	LEAR	01	0211	0211	0215	S13	W28	8976	04	29.1	4	SF		2	E		14		
	URUM	01	0215E	0215	0215D	S13	W27	8976	04	29.1	4D	1N			P		241	2.8	E
0002	KHAR	01	0910E		0919	S15	W55	8970	04	27.3	9D	SF		2	P				DH
0003	KHAR	01	0938	0941	0950	N02	W90		04	24.8	12	SF		2	V				
0004	KHAR	01	1009U	1016U	1040	N17	E51		05	5.3	31U	SN		2	P	1016	80		E
0005	KANZ	01	1100	1102	1104	S13	W28	8976	04	29.4	4	SF		2	C				
		01	1118		1149	No Flare Patrol													
0006	KHAR	01	1150E	1153	1215	N19	W90	8967	04	24.7	25D	SN		2	P				L
		01	1236		1250	No Flare Patrol													
		01	1316		1423	No Flare Patrol													
		01	1431		1448	No Flare Patrol													
		01	1557		1607	No Flare Patrol													
		01	1858		1922	No Flare Patrol													
		01	1927		1943	No Flare Patrol													
		01	1951		2043	No Flare Patrol													
		01	2130		2153	No Flare Patrol													
		02	0000		0009	No Flare Patrol													
		02	0102		0114	No Flare Patrol													
		02	0141		0306	No Flare Patrol													
0007		02	07131	07143	0729	N16	W68	8971	04	27.2	16	1F					72		
	LEAR	02	0713	0717	0735	N16	W68	8971	04	27.2	22	1F		3	E		117		
	SVTO	02	0714	0714	0723	N15	W67	8971	04	27.3	9	SF		3	E		28		
		02	0859		0917	No Flare Patrol													
		02	0953		1108	No Flare Patrol													
		02	1300		1312	No Flare Patrol													
		02	1324		1330	No Flare Patrol													
		02	1411		1426	No Flare Patrol													
0008		02	1445	1446	1505	N22	W68	8971	04	27.5	20	1N					172		F
	SVTO	02	1445	1446U	1503D	N23	W69	8971	04	27.4	18D	1F		2	E		124		
	HOLL	02	1445	1446	1505	N22	W68	8971	04	27.5	20	1N		3	E		220		F
		02	1452		1517	No Flare Patrol													
0009		02	1641	16433	1651	S16	W76	8970	04	27.0	10	1F					100		H
	HOLL	02	1641	1643	1652	S16	W75	8970	04	27.1	11	SF		3	E		90		
	RAMY	02	1641	1646	1650	S17	W77	8970	04	26.9	9	1F		3	E		110		H
		03	0733		0749	No Flare Patrol													
		03	0916		1049	No Flare Patrol													
0010		04	04374	04429	0457	S14	W83	8977	04	28.0	20	1F					152		AH
	LEAR	04	0437	0442	0448	S14	W90	8977	04	27.5	11	1N		3	E		135		
	URUM	04	0441	0451	0510	S14	W84	8977	04	27.9	29	2F			C		241		A
	SVTO	04	0443E	0445U	0454	S13	W75	8977	04	28.6	11D	SF		3	E		80		H
0011	KHAR	04	1034E	1036	1042	S17	W25		05	2.5	8D	SF		2	P	1034	40	0.5	
0012	KHAR	04	1100		1140	S20	W90	8970	04	27.7	40	2N		2	P				FR
0013	SVTO	04	1116	1118	1120	S25	W82	8975	04	28.2	4	SF		3	E		32		
0014	HOLL	04	1517	1518	1521	N20	W70	8978	04	29.4	4	SF		3	E		11		
0015	HOLL	04	1911	1922	1938	S20	E10	8982	05	5.6	27	SF		3	E		16		
0016	LEAR	05	0226	0228	0249	S21	E05	8982	05	5.5	23	SF		4	E		61		F

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0017		05	19521	1953	2002	S18	W04	8982	05	5.5	10	SF					33		F
	HOLL	05	1952	1953	2000	S18	W04	8982	05	5.5	8	SF		3	E		25		F
	RAMY	05	1953	1953	2003	S19	W05	8982	05	5.4	10	SF		3	E		41		F
0018	RAMY	05	2017	2019	2039D	S17	W20	8980	05	4.3	22D	SF		3	E		15		
0019		05	20523	20532	2111	N24	E45	8983	05	9.3	19	SF					48		F
	HOLL	05	2052	2053	2113	N24	E46	8983	05	9.4	21	SF		3	E		51		F
	RAMY	05	2055	2055	2109	N23	E44	8983	05	9.3	14	SF		3	E		46		F
		06	2230		2235	No Flare Patrol													
0020	HOLL	07	0004	0004	0008	N26	E30	8983	05	9.3	4	SF		3	E		10		
0021	RAMY	07	1212	1213	1217	N11	E16	8987	05	8.7	5	SF		3	E		13		F
0022	HOLL	07	1526	1526	1530	N12	E13	8987	05	8.6	4	SF		3	E		10		
0023	HOLL	07	1643	1643	1657	N16	E65	8990	05	12.6	14	SF		3	E		14		
0024	HOLL	07	1659	1700	1703	N15	E65	8990	05	12.6	4	SF		3	E		11		
0025	HOLL	07	1710	1721	1730	N15	E65	8990	05	12.6	20	SF		3	E		15		
0026	HOLL	07	1851	1851	1854	N15	E65	8990	05	12.7	3	SF		3	E		17		
		07	2017		2023	No Flare Patrol													
		07	2055		2132	No Flare Patrol													
0027	HOLL	07	2136	2140	2145	N25	E18	8983	05	9.3	9	SF		3	E		24		
0028	HOLL	07	2137	2141	2145	N17	E40	8989	05	10.9	8	SF		3	E		37		
0029	HOLL	07	2134	2143	2247	N15	E62	8990	05	12.6	73	1F		3	E		113		
0030	HOLL	07	2247	2248	2254	N15	E60	8990	05	12.5	7	SF		3	E		23		
0031	HOLL	07	2255	2257	2303	N16	E61	8990	05	12.6	8	SF		3	E		19		
0032	HOLL	07	2322	2322	2329	N14	E58	8990	05	12.3	7	SF		3	E		11		
0033	HOLL	07	2330	2348	2415	N15	E60	8990	05	12.5	45	SF		3	E		28		
0034	HOLL	08	0016	0021	0029	N16	E61	8990	05	12.6	13	SF		3	E		52		
0035	LEAR	08	0655	0659	0709	N14	E55	8990	05	12.4	14	SF		3	E		46		
		08	0956		1041	No Flare Patrol													
0036		08	1047	1048	1104	N16	E52	8990	05	12.4	17	1N					54		H
	KHAR	08	1045E	1046U	1105	N19	E52	8990	05	12.4	20D	1N		2	V				
	RAMY	08	1047	1048	1103	N14	E53	8990	05	12.4	16	SF		3	E		54		H
		08	1246		1309	No Flare Patrol													
0037	HOLL	08	1403	1404	1412	N15	E53	8990	05	12.6	9	SF		3	E		12		
0038		08	1506*	1529	1545	N15	E52	8990	05	12.6	39	SF					11		FH
	HOLL	08	1506	1528U	1548D	N16	E51	8990	05	12.5	42D	SF		3	E		10		
	RAMY	08	1529	1529	1545	N14	E53	8990	05	12.6	16	SF		3	E		12		FH
0039	RAMY	08	1535	1535	1540	N16	E30	8989	05	10.9	5	SF		3	E		21		H
0040		08	1659*	17231	1730	N14	E53	8990	05	12.7	31	SF					27		
	RAMY	08	1659	1724	1732	N14	E51	8990	05	12.6	33	SF		3	E		33		
	HOLL	08	1722	1723	1729	N14	E55	8990	05	12.9	7	SF		3	E		21		
0041	HOLL	08	1802	1802	1804	N14	E52	8990	05	12.7	2	SF		3	E		16		
		08	2226		2236	No Flare Patrol													

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0042	HOLL	08	2255	2259	2303	N16	E74	8991	05	14.6	8	SF		3	E		31		
0043	HOLL	08	2349	2353	2402	N15	E49	8990	05	12.7	13	SF		3	E		19		
0044	LEAR	09	0303	0306	0313	N14	E46	8990	05	12.6	10	SF		3	E		25		F
0045	URUM	09	0718	0723	0738	N04	W10	8987	05	8.5	20	1N			C		321	3.4	E
		09	1004		1010	No Flare Patrol													
		09	1020		1039	No Flare Patrol													
0046	RAMY	09	1209	1212	1222	N26	W04	8983	05	9.2	13	SF		3	E		86		
0047		09	13171	13172	1328	N25	W03	8983	05	9.3	11	SF					14		
	HOLL	09	1317	1317	1325	N25	W02	8983	05	9.4	8	SF		3	E		16		
	RAMY	09	1318	1319	1332	N25	W04	8983	05	9.2	14	SF		3	E		13		
0048	RAMY	09	1426	1426	1429	N15	E64	8991	05	14.4	3	SF		3	E		16		
0049	HOLL	09	1542	1547	1552	N16	E65	8991	05	14.6	10	SF		3	E		31		
0050	HOLL	09	1605	1607	1611	N16	E64	8991	05	14.5	6	SF		3	E		21		
0051	HOLL	09	1635	1639	1647	N15	E64	8991	05	14.5	12	SF		3	E		50		
0052		09	1730	1739	1750	N17	E16	8989	05	10.9	20	SN					57		
	HOLL	09	1730	1739	1750	N17	E17	8989	05	11.0	20	SN		3	E		73		
	RAMY	09	1744E	1744U	1758D	N17	E14	8989	05	10.8	14D	SF		3	E		41		
0053	HOLL	09	1831	1832	1853	N15	E65	8991	05	14.7	22	SF		3	E		71		
0054	HOLL	09	1917	1926	1951	N16	E13	8989	05	10.8	34	SF		3	E		35		
0055	HOLL	09	1952	1954	2001	N11	E14	8989	05	10.9	9	SF		3	E		32		
0056	HOLL	09	2036	2042	2114	N17	E16	8989	05	11.1	38	SF		3	E		39		
0057	HOLL	09	2126	2126	2134	N27	W07	8983	05	9.3	8	SF		3	E		14		F
0058	HOLL	09	2129	2134	2153	N11	E14	8989	05	10.9	24	SF		3	E		56		
0059	HOLL	09	2337	2337	2344	S24	W59	8982	05	5.4	7	SF		3	E		18		
0060	HOLL	09	2353	2355	2403	N15	E61	8991	05	14.6	10	SF		3	E		12		
0061	HOLL	10	0003	0004	0009	N15	E62	8991	05	14.7	6	SF		3	E		11		
0062		09	23561	2358	2410	N16	E13	8989	05	11.0	14	SF					18		
	HOLL	09	2356		2413	N15	E13	8989	05	11.0	17	SF		3	E		22		
	LEAR	09	2357	2358	2408	N17	E13	8989	05	11.0	11	SF		3	E		14		
0063	HOLL	10	0012	0015	0021	S22	W72	8981	05	4.5	9	SF		3	E		23		
0064	URUM	10	0025E	0025	0025D	N09	E12	8994	05	10.9	9D	SN			P		96	1.0	D
0065		10	0156*	02009	0216	N15	E12	8989	05	11.0	20	1N					180	3.5	EF
	URUM	10	0156	0200	0208	N13	E11	8989	05	10.9	12	1N			C		321	3.5	E
	LEAR	10	0207	0209	0224	N17	E12	8989	05	11.0	17	SF		4	E		38		F
0066	LEAR	10	0549	0550	0554	S17	W76	8980	05	4.5	5	SF		4	E		19		
0067		10	0759*	08144	0832	N10	E06	8989	05	10.8	33	1N					177	3.4	EF
	URUM	10	0759	0814	0822	N11	E06	8989	05	10.8	23	1B			C		321	3.4	E
	LEAR	10	0817	0818	0842	N10	E06	8989	05	10.8	25	SF		3	E		33		F
0068	URUM	10	0932	0937	0945	N08	E04	8994	05	10.7	13	SN			C		193	2.0	E
		10	1052		1054	No Flare Patrol													

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0069	RAMY	10	1220	1221	1226	N10	E04	8994	05	10.8	6	SF		3	E		33		
0070		10	15271	1528	1542	N25	W18	8983	05	9.2	15	SF					14		
	RAMY	10	1527	1528	1542	N25	W18	8983	05	9.2	15	SF		3	E		14		
	HOLL	10	1528	1528	1541	N25	W18	8983	05	9.2	13	SF		3	E		14		
0071		10	19284	19298	2100	N14	E18	8990	05	12.2	92	1N					172		FSU
	RAMY	10	1928	1929	1929D	N13	E17	8990	05	12.1	1D	SF		3	E		29		FS
	HOLL	10	1932	1937	2100	N14	E20	8990	05	12.3	88	2N		3	E		316		UF
0072	HOLL	10	2315	2340	2402	N15	E50	8991	05	14.7	47	SF		3	E		19		
0073	HOLL	11	0022	0023	0030	N17	E00	8989	05	11.0	8	SF		3	E		15		
0074		11	00461	00487	0108	S23	W07	8993	05	10.5	22	SF					55		F
	HOLL	11	0046	0055	0146D	S23	W06	8993	05	10.6	60D	SF		2	E		80		
	LEAR	11	0047	0048	0108	S23	W08	8993	05	10.4	21	SF		3	E		30		F
		11	0331		0409	No Flare Patrol													
0075	LEAR	11	0500E	0507U	0520D	S21	W09	8993	05	10.5	20D	SF		4	E		20		F
		11	0524		0731	No Flare Patrol													
		11	0746		0758	No Flare Patrol													
		11	0856		0944	No Flare Patrol													
		11	1636		1640	No Flare Patrol													
0076	HOLL	11	2151	2152	2158	S25	W12	8993	05	11.0	7	SF		3	E		19		
0077	HOLL	11	2346	2347	2356	S11	E87	8996	05	18.5	10	SF		3	E		22		
0078	HOLL	11	2351	2353	2355	S26	W14	8993	05	10.9	4	SF		3	E		30		
0079	HOLL	11	2357	2404	2410	S26	W13	8993	05	11.0	13	SF		3	E		48		
0080	URUM	12	0105E	0105	0105D	S24	W18	8993	05	10.6	13D	SB			P		129	1.5	D
		12	1501		1808	No Flare Patrol													
		12	1813		1821	No Flare Patrol													
0081	RAMY	12	2009	2009	2016	S19	W33	8993	05	10.3	7	SF		3	E		19		F
		12	2127		2132	No Flare Patrol													
0082	HOLL	12	2134	2135	2217	S15	E81	8998	05	19.0	43	SF		3	E		27		
0083	HOLL	12	2211	2304	2408	N14	W24	8989	05	11.1	117	1F		3	E		206		FH
0084	HOLL	12	2243	2244	2251	S21	E74	8996	05	18.6	8	SF		3	E		26		
0085	HOLL	12	2314	2320	2349	S23	W31	8993	05	10.6	35	SF		3	E		30		
0086	HOLL	12	2321	2327	2421	S14	E78	8998	05	18.9	60	1F		3	E		155		FH
0087	HOLL	13	0015	0017	0036	S21	E65	8996	05	18.0	21	SF		3	E		31		
0088		13	0320	0323	0338	S21	E68	8996	05	18.3	18	SN					86		E
	LEAR	13	0320	0323	0346	S21	E69	8996	05	18.4	26	SF		3	E		93		
	URUM	13	0323E	0323	0331	S21	E67	8996	05	18.3	8D	SN			P		80		E
0089	LEAR	13	0431	0434	0447	S21	E70	8996	05	18.5	16	SF		3	E		67		
0090	LEAR	13	0451	0501	0513	S13	E74	8998	05	18.8	22	1F		3	E		120		
0091	LEAR	13	0452	0501	0505	S21	E70	8996	05	18.6	13	SF		3	E		40		
0092		13	0619	0619	0622	N20	E79	8999	05	19.3	3	SF					22		
	SVTO	13	0619	0619	0622	N20	E83	8999	05	19.6	3	SF		3	E		14		
	LEAR	13	0619	0619	0623	N20	E75	8999	05	19.0	4	SF		3	E		29		

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0093		13	07262	07293	0740	S21	E68	8996	05	18.5	14	1F					86		
	LEAR	13	0726	0732	0741	S21	E67	8996	05	18.4	15	1F	3	E			116		
	SVTO	13	0728	0729	0738	S21	E68	8996	05	18.5	10	SF	3	E			56		
0094		13	0835*	08583	0920	S22	W38	8993	05	10.4	45	SF					23		F
	LEAR	13	0835	0901	0926	S23	W38	8993	05	10.4	51	SF	3	E			32		
	SVTO	13	0848	0858	0914	S21	W38	8993	05	10.4	26	SF	3	E			14		F
0095	SVTO	13	0916	0919	0925	S20	W40	8993	05	10.3	9	SF	3	E			14		F
0096	SVTO	13	0935	1001	1010	S21	W40	8993	05	10.3	35	SF	3	E			32		FH
0097		13	1043*	10581	1117	S22	W39	8993	05	10.4	34	SF					50		FH
	RAMY	13	1043	1058	1123	S22	W40	8993	05	10.4	40	SF	3	E			85		FH
	SVTO	13	1059	1059	1111	S22	W38	8993	05	10.5	12	SF	3	E			15		F
0098	RAMY	13	1124	1126	1128	S22	W40	8993	05	10.4	4	SF	3	E			34		F
0099	RAMY	13	1155	1157	1203	N16	W14	8990	05	12.4	8	SF	3	E			63		FH
0100	RAMY	13	1200	1201	1203	S22	W39	8993	05	10.5	3	SF	3	E			12		
0101	RAMY	13	1207	1210	1212	S22	W40	8993	05	10.4	5	SF	3	E			18		
0102		13	12095	1216	1224	S22	E64	8996	05	18.4	15	1F					98		
	RAMY	13	1209	1216	1230	S23	E64	8996	05	18.4	21	1F	3	E			156		
	SVTO	13	1214	1216	1219	S22	E65	8996	05	18.5	5	SF	3	E			39		
0103		13	13231	13241	1329	N13	W12	8990	05	12.6	6	SF					18		
	RAMY	13	1323	1325	1329	N13	W12	8990	05	12.6	6	SF	3	E			17		
	HOLL	13	1324	1324	1329	N13	W12	8990	05	12.6	5	SF	3	E			18		
0104	HOLL	13	1324	1330	1332	S22	W42	8993	05	10.3	8	SF	3	E			38		
0105	HOLL	13	1352	1354	1356	S22	W42	8993	05	10.3	4	SF	3	E			21		
0106	HOLL	13	1401	1404	1408	S22	W42	8993	05	10.3	7	SF	3	E			18		
0107	HOLL	13	1353	1353	1359	S14	E68	8998	05	18.7	6	SF	3	E			18		
0108		13	13581	14025	1410	S22	E64	8996	05	18.5	12	SF					37		FU
	RAMY	13	1358	1407	1413	S23	E64	8996	05	18.5	15	SF	3	E			38		UF
	HOLL	13	1359	1402	1406	S22	E64	8996	05	18.5	7	SF	3	E			36		
0109	HOLL	13	1407	1408	1411	S21	E58	8996	05	18.0	4	SF	3	E			28		
0110		13	1424	1424	1428	N21	E70	8999	05	19.0	4	SF					26		
	RAMY	13	1424	1424	1427	N20	E70	8999	05	18.9	3	SF	3	E			19		
	HOLL	13	1424	1424	1428	N22	E70	8999	05	19.0	4	SF	3	E			34		
0111		13	14321	14334	1452	S23	E62	8996	05	18.4	20	SF					52		F
	HOLL	13	1432	1437	1452	S22	E62	8996	05	18.4	20	SF	3	E			66		
	RAMY	13	1433	1433	1452	S24	E63	8996	05	18.5	19	SF	3	E			38		F
0112	RAMY	13	1433	1433	1437	S22	W42	8993	05	10.4	4	SF	3	E			11		
0113	HOLL	13	1437	1437	1443	N15	W16	8990	05	12.4	6	SF	3	E			13		
0114	HOLL	13	1511	1511	1517	S12	E77	8998	05	19.4	6	SF	3	E			19		
0115	HOLL	13	1523	1523	1531	S22	W43	8993	05	10.3	8	SF	3	E			27		
0116	HOLL	13	1531	1536	1538	S22	W43	8993	05	10.3	7	SF	3	E			36		
0117	HOLL	13	1539	1543	1549	S22	W43	8993	05	10.3	10	SF	3	E			25		
0118	HOLL	13	1554	1601	1612	S22	W43	8993	05	10.3	18	SF	3	E			42		
0119	RAMY	13	1622	1624	1629	S22	W43	8993	05	10.4	7	SF	3	E			30		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Obs See	Obs Type	Area Measurement Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0120	HOLL	13	1613	1654	1710	S22	W43	8993	05	10.4	57	SF		3	E		46		
0121	HOLL	13	1711	1711	1713	S22	W43	8993	05	10.4	2	SF		3	E		15		
0122	HOLL	13	1635	1638	1651	S13	E72	8998	05	19.1	16	SF		3	E		33		
0123	HOLL	13	1652	1656	1703	S15	E73	8998	05	19.2	11	SF		3	E		20		
0124	HOLL	13	1708	1708	1712	S14	E62	8998	05	18.4	4	SF		3	E		20		
0125	HOLL	13	1711	1713	1716	N11	W19	8990	05	12.3	5	SF		3	E		17		
0126		13	17231	1725	1740	S22	W44	8993	05	10.3	17	SN					64		
	HOLL	13	1723	1725	1748	S22	W44	8993	05	10.3	25	SF		3	E		76		
	RAMY	13	1724	1725	1731	S21	W44	8993	05	10.3	7	SN		3	E		52		
0127	RAMY	13	1740	1740	1743	S22	W41	8993	05	10.6	3	SF		3	E		12		
0128		13	1738	17392	1812	N22	E68	8999	05	19.0	34	SF					72		
	RAMY	13	1738	1739	1813	N20	E68	8999	05	18.9	35	SF		3	E		57		
	HOLL	13	1738	1741	1812	N23	E67	8999	05	18.9	34	SF		3	E		87		
0129		13	17515	17591	1808	N14	W19	8990	05	12.3	17	SF					32		
	RAMY	13	1751	1759	1810	N15	W19	8990	05	12.3	19	SF		3	E		42		
	HOLL	13	1756	1800	1806	N14	W19	8990	05	12.3	10	SF		3	E		22		
0130		13	18191	18213	1828	S16	E66	8998	05	18.8	9	SF					16		
	RAMY	13	1819	1821	1830	S16	E67	8998	05	18.8	11	SF		3	E		19		
	HOLL	13	1820	1824	1827	S15	E66	8998	05	18.8	7	SF		3	E		12		
0131		13	18323	1835	1838	S22	W44	8993	05	10.4	6	SF					14		
	HOLL	13	1832	1835	1838	S22	W44	8993	05	10.4	6	SF		3	E		16		
	RAMY	13	1835	1835	1839	S21	W44	8993	05	10.4	4	SF		3	E		13		
0132		13	18391	1841	1846	S18	E70	8998	05	19.1	7	SF					34		
	RAMY	13	1839	1841	1848	S19	E69	8998	05	19.0	9	SF		3	E		51		
	HOLL	13	1840	1841	1844	S17	E70	8998	05	19.1	4	SF		3	E		18		
0133		13	1845*	18563	1909	N16	W34	8989	05	11.2	24	SF					30		
	RAMY	13	1845	1856	1914	N16	W35	8989	05	11.1	29	SF		3	E		40		
	HOLL	13	1859	1859	1904	N16	W34	8989	05	11.2	5	SF		3	E		20		
0134	HOLL	13	2018	2018	2030	S23	W44	8993	05	10.4	12	SF		3	E		17		
0135	HOLL	13	2051	2100	2115	S21	W46	8993	05	10.3	24	SF		3	E		64		
0136	HOLL	13	2139	2140	2144	S24	W42	8993	05	10.6	5	SF		3	E		69		
0137	HOLL	13	2156	2156	2202	N12	W39	8989	05	11.0	6	SF		3	E		12		
0138	HOLL	13	2321	2322	2326	S20	W49	8993	05	10.2	5	SF		3	E		16		
0139	LEAR	14	0107	0107	0112	S21	W50	8993	05	10.2	5	SF		3	E		17		
0140	LEAR	14	0400	0405	0412	S23	W51	8993	05	10.2	12	SF		3	E		29		
0141	LEAR	14	0558	0558	0601	S10	E69	8998	05	19.4	3	SF		3	E		17		
0142		14	07575	0804	0828	S22	W52	8993	05	10.3	31	SF					77		FH
	LEAR	14	0757	0804	0839	S23	W52	8993	05	10.3	42	SF		4	E		96		F
	SVTO	14	0802	0804	0816	S21	W52	8993	05	10.3	14	SF		3	E		58		FH
0143	LEAR	14	0904	0906	0919	S20	E52	8996	05	18.3	15	SF		4	E		21		
0144	RAMY	14	1032E	1034U	1037D	S22	W52	8993	05	10.4	5D	SF		3	E		23		F
0145		14	1035	1037	1042	S22	E52	8996	05	18.4	7	SF					29		F
	RAMY	14	1033E	1035U	1051D	S23	E51	8996	05	18.4	18D	SF		3	E		45		
	SVTO	14	1035	1037	1042	S22	E52	8996	05	18.4	7	SF		3	E		13		F

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0146	RAMY	14	1210	1217	1227	N20	W48	8989	05	10.8	17	SF		3	E		38		
0147		14	1412	14131	1424	N14	W49	8989	05	10.9	12	SF					18		
	HOLL	14	1412	1413	1421	N13	W50	8989	05	10.8	9	SF		3	E		24		
	RAMY	14	1412	1414	1427	N14	W48	8989	05	11.0	15	SF		3	E		13		
0148		14	1422*	14525	1517	S20	W58	8993	05	10.2	55	SF					50		FH
	RAMY	14	1422	1452	1513	S19	W59	8993	05	10.1	51	SF		4	E		31		FH
	HOLL	14	1442	1457	1521	S20	W58	8993	05	10.2	39	SF		3	E		70		
0149	HOLL	14	1423	1424	1437	S21	W56	8993	05	10.3	14	SF		3	E		17		
0150	RAMY	14	1441	1441	1449	S14	E52	8998	05	18.5	8	SF		4	E		27		HU
0151	HOLL	14	1541	1541	1546	S21	W57	8993	05	10.3	5	SF		3	E		14		
0152	HOLL	14	1553	1557	1620	N16	W46	8989	05	11.2	27	SF		3	E		20		
0153	HOLL	14	1638	1638	1643	N22	E56	8999	05	19.0	5	SF		3	E		13		
0154		14	1647	16471	1658	S15	E60	8998	05	19.2	11	SF					44		
	RAMY	14	1647	1647	1702	S15	E60	8998	05	19.2	15	SF		3	E		55		
	HOLL	14	1647	1648	1655	S15	E60	8998	05	19.2	8	SF		3	E		34		
0155	HOLL	14	1657	1703	1711	S15	E58	8998	05	19.1	14	SF		3	E		20		
0156		14	1731	17311	1736	N22	E56	8999	05	19.0	5	SF					14		
	HOLL	14	1731	1731	1737	N22	E56	8999	05	19.0	6	SF		3	E		18		
	RAMY	14	1731	1732	1734	N21	E57	8999	05	19.1	3	SF		3	E		10		
0157		14	1836	1837	1846	S23	W54	8993	05	10.6	10	SF					30		
	RAMY	14	1836	1837	1845	S22	W54	8993	05	10.6	9	SF		3	E		25		
	HOLL	14	1836	1837	1846	S24	W54	8993	05	10.6	10	SF		3	E		36		
0158		14	1903	1904	1908	S20	W58	8993	05	10.3	5	SF					18		
	RAMY	14	1903	1904	1907	S19	W59	8993	05	10.3	4	SF		3	E		17		
	HOLL	14	1903	1904	1908	S21	W58	8993	05	10.3	5	SF		3	E		18		
0159		14	19016	1909	1918	S16	E57	8998	05	19.1	17	SF					48		
	RAMY	14	1901	1909	1918	S16	E58	8998	05	19.2	17	SF		3	E		48		
	HOLL	14	1907	1909	1917	S15	E56	8998	05	19.0	10	SF		3	E		48		
0160		14	19451	19461	1954	S20	W58	8993	05	10.4	9	SF					18		
	RAMY	14	1945	1946	1959	S20	W59	8993	05	10.3	14	SF		3	E		21		
	HOLL	14	1946	1947	1950	S21	W58	8993	05	10.4	4	SF		3	E		15		
0161	HOLL	14	2006	2007	2010	S23	W57	8993	05	10.4	4	SF		3	E		18		
		14	2132		2218	No Flare Patrol													
0162	HOLL	14	2218E	2218U	2239D	S11	E60	8998	05	19.4	21D	SF		3	E		32		
0163	HOLL	14	2218E	2252U	2256	S23	W57	8993	05	10.5	38D	SF		3	E		12		
		14	2228		2237	No Flare Patrol													
0164	HOLL	14	2335	2335	2344	S22	W59	8993	05	10.4	9	SF		3	E		14		
0165	HOLL	14	2343	2344	2358	S14	E53	8998	05	19.0	15	SF		3	E		18		
0166	HOLL	14	2356	2428	2430	N11	W56	8989	05	10.8	34	SF		3	E		50		
0167	HOLL	15	0008	0008	0015	S22	W60	8993	05	10.4	7	SF		3	E		17		
0168		15	0038	0044	0052	S22	W60	8993	05	10.4	14	SF					30		
	LEAR	15	0038	0044	0051	S23	W58	8993	05	10.5	13	SF		3	E		27		
	HOLL	15	0038	0044	0052	S21	W62	8993	05	10.3	14	SF		3	E		32		

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0169		15	00346	00421	0058	S14	E48	8998	05	18.6	24	SF					77		F
	HOLL	15	0034	0043	0059	S14	E47	8998	05	18.6	25	SF		3	E		79		
	LEAR	15	0040	0042	0058	S13	E49	8998	05	18.7	18	SF		3	E		75		F
0170	LEAR	15	0215	0219	0232	N09	W56	8994	05	10.9	17	SF		3	E		24		
0171		15	0324*	0331*	0352	S23	W61	8993	05	10.4	28	2F					388	14.8	EF
	LEAR	15	0324	0331	0352	S23	W64	8993	05	10.2	28	SF		3	E		53		F
	URUM	15	0339	0343	0351	S23	W58	8993	05	10.7	12	3F			C		723	14.8	E
0172	URUM	15	0454	0501	0506	N21	E77	9002	05	21.1	12	2N			C		241		A
0173	LEAR	15	0727	0729	0732	N22	E71	9002	05	20.8	5	SF		3	E		20		
0174	LEAR	15	0758	0806	0809	S20	W65	8993	05	10.4	11	SF		3	E		31		
0175	LEAR	15	0802	0804	0808	N21	E76	9002	05	21.2	6	SF		3	E		24		F
0176	LEAR	15	0832	0833	0845	N18	W60	8989	05	10.8	13	SF		3	E		39		F
0177	LEAR	15	0830	0831	0838	S21	W67	8993	05	10.2	8	SF		3	E		13		
0178	LEAR	15	0839	0843	0858	S20	W66	8993	05	10.3	19	SF		3	E		63		
0179	LEAR	15	0845	0848	0910D	N21	E75	9002	05	21.1	25D	SF		3	E		26		F
0180	SVTO	15	0858	0907U	0929D	N20	E80	9002	05	21.5	31D	SF		3	E		17		F
0181	KHAR	15	1005	1006	1009	S12	E48	8998	05	19.0	4	SF		2	V				DH
0182	KHAR	15	1014U	1016	1025	S24	W66	8993	05	10.3	11U	SN		2	V				D
0183	KHAR	15	1022	1024	1030	S12	E40	8996A	05	18.4	8	SN		2	V				
		15	1045		1124	No Flare Patrol													
0184	KHAR	15	1125E	1126U	1130	N14	E66	9004	05	20.5	5D	SF		2	V				D
		15	1227		1248	No Flare Patrol													
0185	HOLL	15	1345	1348	1353	N10	E65	9002	05	20.4	8	SF		3	E		22		
0186		15	13517	1352*	1418	S18	W72	8993	05	10.1	27	SF					20		
	RAMY	15	1351	1352	1427	S18	W72	8993	05	10.1	36	SF		3	E		19		
	HOLL	15	1358	1405	1408	S18	W73	8993	05	10.0	10	SF		3	E		22		
0187		15	14411	14492	1458	S13	E49	8998	05	19.3	17	SF					24		
	HOLL	15	1441	1451	1458	S12	E50	8998	05	19.4	17	SF		3	E		25		
	RAMY	15	1442	1449	1457	S14	E48	8998	05	19.2	15	SF		3	E		23		
0188	HOLL	15	1508	1510	1514	N10	E64	9004	05	20.4	6	SF		3	E		22		
0189		15	1520	1528	1558	S16	E46	8998	05	19.1	38	1N					113		FH
	HOLL	15	1520	1528	1555	S15	E47	8998	05	19.2	35	SN		3	E		97		FH
	RAMY	15	1520	1528	1601	S16	E46	8998	05	19.1	41	1N		3	E		129		F
0190		15	15453	1556	1635	S22	W68	8993	05	10.4	50	1F					152		FU
	RAMY	15	1545	1556	1639	S20	W69	8993	05	10.4	54	1F		3	E		176		F
	HOLL	15	1548	1556	1631	S24	W67	8993	05	10.5	43	1F		3	E		127		UF
0191		15	16328	16432	1728	S14	E50	8998	05	19.5	56	SF					76		F
	HOLL	15	1632	1643	1741	S13	E50	8998	05	19.5	69	SF		3	E		93		
	RAMY	15	1640	1645	1716	S15	E51	8998	05	19.5	36	SF		3	E		60		F
0192	HOLL	15	1720	1720	1726	N11	E62	9004	05	20.4	6	SF		3	E		14		
0193	HOLL	15	1722	1722	1726	N19	W64	8989	05	10.8	4	SF		3	E		21		
0194	HOLL	15	1723	1730	1732	N22	E74	9002	05	21.4	9	SF		3	E		22		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Obs See	Obs Type	Area Measurement Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0195	RAMY	15	1730	1731	1737	S15	E51	8998	05	19.6	7	SF		3	E		24		
0196	HOLL	15	1740	1740	1746	N22	E41	8999	05	18.9	6	SF		3	E		10		
0197		15	1801	18013	1810	S20	W70	8993	05	10.4	9	SF					48		
	RAMY	15	1801	1801	1810	S19	W72	8993	05	10.2	9	SF		3	E		50		
	HOLL	15	1801	1804	1809	S21	W69	8993	05	10.5	8	SF		3	E		46		
0198	HOLL	15	1820	1828	1832	N10	E64	9004	05	20.6	12	SF		3	E		24		
0199		15	18206	1833	1856	S14	E48	8998	05	19.4	36	SF					87		
	HOLL	15	1820	1833	1858	S13	E48	8998	05	19.4	38	SF		3	E		94		
	RAMY	15	1826	1833	1854	S14	E49	8998	05	19.5	28	SF		3	E		80		
0200		15	18451	18511	1925	N20	E72	9002	05	21.3	40	1N					176		HU
	HOLL	15	1845	1851	1925	N21	E73	9002	05	21.4	40	1N		3	E		153		UH
	RAMY	15	1846	1852	1957D	N19	E72	9002	05	21.3	71D	1N		3	E		199		H
0201	HOLL	15	1851	1905	1914	N12	W46	8990	05	12.3	23	SF		3	E		24		
0202	HOLL	15	1902	1902	1906	S14	E34	8998	05	18.4	4	SF		3	E		28		
0203	HOLL	15	1922	1923	1928	N16	W65	8989	05	10.9	6	SF		3	E		22		F
0204	HOLL	15	2003	2011	2013	N21	E72	9002	05	21.3	10	SF		3	E		22		
0205	HOLL	15	2013	2028	2040D	N21	E71	9002	05	21.3	27D	SF		3	E		52		
		15	2033		2040	No Flare Patrol													
0206	HOLL	15	2041	2043	2058	N19	E68	9002	05	21.0	17	SF		3	E		40		
		15	2131		2136	No Flare Patrol													
		15	2146		2150	No Flare Patrol													
0207	HOLL	15	2152	2203	2218	S21	W72	8993	05	10.4	26	SF		3	E		71		
0208	HOLL	15	2210	2215	2228	S12	E43	8998	05	19.2	18	SF		3	E		40		
		15	2303		2312	No Flare Patrol													
0209	HOLL	15	2321	2322	2325	N10	E61	9004	05	20.5	4	SF		2	E		23		
		15	2327		2328	No Flare Patrol													
0210		16	0104	01065	0121	S14	E34	8998	05	18.6	17	SN					102	2.0	EF
	LEAR	16	0104	0106	0115	S14	E33	8998	05	18.5	11	SF		3	E		43		F
	URUM	16	0111E	0111	0127	S13	E34	8998	05	18.6	16D	SN			P		161	2.0	E
0211		16	01486	0148*	0210	S13	E44	8998	05	19.4	22	SF					52	1.2	DF
	LEAR	16	0148	0148	0205	S13	E45	8998	05	19.5	17	SF		3	E		24		F
	URUM	16	0154	0158	0214	S13	E44	8998	05	19.4	20	SF			C		80	1.2	D
0212	LEAR	16	0327	0329	0334	S20	W79	8993	05	10.1	7	SF		3	E		40		
0213	LEAR	16	0411	0412	0419	S12	E43	8998	05	19.4	8	SF		3	E		24		E
0214	LEAR	16	0442	0444	0455	S23	W78	8993	05	10.2	13	SF		3	E		66		F
0215	LEAR	16	0527	0527	0530	S14	E39	8998	05	19.2	3	SF		3	E		18		F
0216	URUM	16	0535	0546	0555	S20	E55		05	20.4	20	1N			C		161	3.0	D
0217	LEAR	16	0624	0625	0638	S16	E39	8998	05	19.2	14	SF		3	E		21		F
0218	LEAR	16	0800	0801	0806	S19	E19	8996	05	17.8	6	SF		3	E		30		FH
0219	URUM	16	0802	0807	0818	S15	E05	8997	05	16.7	16	SB			C		80	0.8	D

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0220		16	0840	08405	0906	N20	E64	9002	05	21.2	26	SN					42		EF
	LEAR	16	0840	0840	0911	N21	E64	9002	05	21.3	31	SF		3	E		20		F
	URUM	16	0845E	0845	0900	N20	E65	9002	05	21.3	15D	SN			P		64		E
0221	URUM	16	0932	0936	0944	N21	E65	9002	05	21.4	12	1F			C		129		D
		16	1105		1116	No Flare Patrol													
0222	RAMY	16	1137	1137	1146	S19	E17	8996	05	17.8	9	SF		3	E		14		
0223	RAMY	16	1243	1243	1256	N20	W75	8989	05	10.8	13	SF		3	E		29		
0224	RAMY	16	1245	1249	1300	N19	E62	9002	05	21.3	15	SF		3	E		20		
0225	SVTO	16	1549	1550	1601	N19	E61	9002	05	21.3	12	SF		3	E		98		F
		16	1735		1813	No Flare Patrol													
		16	1822		2324	No Flare Patrol													
0226	LEAR	16	2341	2342	2351	S22	E20	8996	05	18.5	10	SF		3	E		20		
0227	LEAR	16	2359	2423	2453	S22	E19	8996	05	18.4	54	SF		3	E		79		F
0228	LEAR	17	0234	0236	0240	N17	E30	8999	05	19.4	6	SF		3	E		15		
0229	LEAR	17	0325	0330	0359	N19	E54	9002	05	21.3	34	SF		3	E		66		F
0230	LEAR	17	0337	0344	0353	S12	E26	8998	05	19.1	16	SF		3	E		12		FH
0231		17	04355	0444	0450	S12	E25	8998	05	19.1	15	SN					59	0.9	EF
	LEAR	17	0435	0444	0452	S12	E25	8998	05	19.1	17	SF		4	E		38		F
	URUM	17	0440	0444	0448	S11	E25	8998	05	19.1	8	SN			C		80	0.9	E
0232	LEAR	17	0502	0503	0513	S23	E15	8996	05	18.4	11	SF		4	E		17		
0233		17	06457	0646*	0702	S18	E06	8996	05	17.7	17	SN					48	0.9	D
	LEAR	17	0645	0646	0704	S19	E05	8996	05	17.7	19	SF		4	E		36		
	SVTO	17	0646	0646	0700	S18	E06	8996	05	17.7	14	SF		3	E		29		
	URUM	17	0652	0657	0702	S18	E07	8996	05	17.8	10	SB			C		80	0.9	D
0234	LEAR	17	0650	0651	0654	N25	W79	8994A	05	11.2	4	SF		4	E		29		
0235		17	07133	0718	0749	N20	E50	9002	05	21.1	36	SF					43		F
	LEAR	17	0713	0718	0748	N19	E50	9002	05	21.1	35	SF		3	E		60		F
	SVTO	17	0716	0718U	0750	N20	E51	9002	05	21.2	34	SF		3	E		26		F
0236	SVTO	17	0757	0758U	0810	S21	E13	8996	05	18.3	13	SF		3	E		12		
0237	SVTO	17	0830	0830	0833	S23	W88	8993	05	10.6	3	SF		3	E		15		
0238	SVTO	17	0933	0938U	0957	S14	E29	8998	05	19.6	24	SF		3	E		60		F
0239		17	1104*	1117	1122	S20	E12	8996	05	18.4	18	SN					48	0.8	EF
	KHAR	17	1104	1115U	1122	S21	E15	8996	05	18.6	18	SN		2	P	1107	80	0.8	E
	SVTO	17	1115	1117	1123	S20	E09	8996	05	18.1	8	SF		3	E		16		F
0240		17	12023	12035	1220	N24	E50	9002	05	21.4	18	SN					61		F
	RAMY	17	1202	1203	1220	N21	E51	9002	05	21.4	18	SF		3	E		61		F
	KHAR	17	1205	1208	1221	N27	E50	9002	05	21.4	16	SN		2	V				
0241	RAMY	17	1309	1328U	1355D	S13	E25	8998	05	19.4	46D	SF		3	E		25		F
0242		17	13133	1326	1334	S22	E09	8996	05	18.2	21	SF					26		H
	RAMY	17	1313	1326	1338	S22	E09	8996	05	18.2	25	SF		3	E		33		
	SVTO	17	1316	1321U	1329	S21	E09	8996	05	18.2	13	SF		3	E		20		H
0243	SVTO	17	1443	1444	1451	S21	E09	8996	05	18.3	8	SF		3	E		19		

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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 Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0244		17	15444	15454	1556	N17	E24	8999	05	19.5	12	SF					28		F
	RAMY	17	1544	1545	1556	N17	E24	8999	05	19.5	12	SF		3	E		34		F
	HOLL	17	1548	1549	1556	N17	E23	8999	05	19.4	8	SF		3	E		23		
0245	HOLL	17	1640	1644	1649	N19	E47	9002	05	21.3	9	SF		3	E		11		
0246	HOLL	17	1720	1722	1730	S22	E09	8996	05	18.4	10	SF		3	E		29		
0247	HOLL	17	1725	1726	1734	S22	W67	9003	05	12.6	9	SF		3	E		15		
0248	HOLL	17	1737	1737	1746	S22	W66	9003	05	12.7	9	SF		3	E		13		
0249	HOLL	17	1809	1809	1815	S19	E00	8996	05	17.7	6	SF		3	E		16		
0250	HOLL	17	1911	1912	1915	N20	E48	9002	05	21.5	4	SF		3	E		29		
0251	HOLL	17	1947	1949	2004	S23	E08	8996	05	18.4	17	SF		3	E		14		
0252	HOLL	17	1955	2009	2015	N20	E47	9002	05	21.4	20	SF		3	E		67		
0253	HOLL	17	2040	2042	2046	S20	W68	9003	05	12.7	6	SF		3	E		36		
0254	HOLL	17	2042	2048	2120	S22	E08	8996	05	18.5	38	SF		3	E		15		
0255	HOLL	17	2128	2130	2139	S20	E02	8996	05	18.0	11	SF		3	E		66		
		17	2143		2351	No Flare Patrol													
0256	LEAR	17	2356	2357	2407	S15	E13	8998	05	19.0	11	SF		3	E		85		F
0257	LEAR	17	2356	2357	2403	S20	E02	8996	05	18.1	7	SF		3	E		14		F
0258	LEAR	18	0032	0033	0042	N26	W86	9006	05	11.3	10	SF		3	E		45		
0259	LEAR	18	0051	0053	0058	S21	W68	9003	05	12.8	7	SF		3	E		12		
0260		18	01264	0134*	0214	S18	W04	8996	05	17.7	48	SF					58	0.5	E
	LEAR	18	0126	0153	0214	S17	W05	8996	05	17.7	48	SF		3	E		67		
	URUM	18	0130	0134	0134D	S19	W04	8996	05	17.7	4D	SF			P		48	0.5	E
0261		18	0526	05294	0539	N22	E41	9002	05	21.4	13	SF					72	2.3	DF
	SVTO	18	0526	0529	0537	N24	E43	9002	05	21.5	11	SF		3	E		20		F
	LEAR	18	0526	0529	0541	N21	E41	9002	05	21.4	15	SF		4	E		35		
	URUM	18	0533E	0533	0533D	N20	E39	9002	05	21.2	15D	1N			P		161	2.3	D
0262		18	0547	05471	0602	N22	E42	9002	05	21.5	15	SF					22		
	SVTO	18	0547	0547	0601	N24	E43	9002	05	21.6	14	SF		3	E		11		
	LEAR	18	0547	0548	0604	N21	E41	9002	05	21.4	17	SF		4	E		34		
0263	SVTO	18	0722	0722	0738	S20	W06	8996	05	17.8	16	SF		3	E		20		FH
0264	LEAR	18	0747	0748	0810	S11	E11	8998	05	19.1	23	SF		3	E		36		
0265	LEAR	18	0751	0752	0834	N21	E39	9002	05	21.3	43	SF		3	E		82		F
0266	URUM	18	0851	0932	1015	N17	E31	9002	05	20.7	84	1N			C		241	3.1	E
		18	0918		0925	No Flare Patrol													
0267	SVTO	18	0927E	0929U	0953	N22	E38	9002	05	21.3	26D	SF		3	E		20		F
0268	SVTO	18	0955	0959U	1028D	S09	E10	8998	05	19.2	33D	SF		3	E		55		F
		18	1016		1023	No Flare Patrol													
0269		18	11127	1127	1146	N22	E38	9002	05	21.4	34	1N					106	2.3	EF
	SVTO	18	1112	1123U	1145D	N23	E39	9002	05	21.5	33D	SF		3	E		51		F
	URUM	18	1119	1127	1146	N21	E37	9002	05	21.3	27	1N			C		161	2.3	E
		18	1126		1217	No Flare Patrol													

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Obs See	Obs Type	Area Measurement Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0270		18	1321E	1321U	1328	N21	E39	9002	05	21.5	7D	SF					44		
	HOLL	18	1321E	1321U	1328	N21	E39	9002	05	21.5	7D	SF		3	E		58		
	RAMY	18	1321E	1321U	1328	N21	E39	9002	05	21.5	7D	SF		3	E		31		
0271	HOLL	18	1410	1412	1417	S22	W04	8996	05	18.3	7	SF		3	E		21		
0272	HOLL	18	1423	1424	1432	S25	W05	8996	05	18.2	9	SF		3	E		14		
0273		18	14271	1430	1450	S14	W04	8998	05	18.3	23	1F					131		F
	RAMY	18	1427	1441U	1454D	S14	W03	8998	05	18.4	27D	1F		3	E		103		F
	HOLL	18	1428	1430	1450	S14	W04	8998	05	18.3	22	1F		3	E		159		
0274	SVTO	18	1429E	1429U	1436	S09	E08	8998	05	19.2	7D	SF		3	E		11		F
0275		18	1517	1518	1524	S19	W12	8996	05	17.7	7	SF					28		
	RAMY	18	1517	1518	1524	S19	W12	8996	05	17.7	7	SF		3	E		33		
	HOLL	18	1517	1518	1524	S19	W12	8996	05	17.7	7	SF		3	E		24		
0276		18	15265	15311	1534	N10	E24	9004	05	20.4	8	SF					10		
	HOLL	18	1526	1531	1533	N10	E25	9004	05	20.5	7	SF		3	E		11		
	RAMY	18	1531	1532	1536	N09	E24	9004	05	20.4	5	SF		3	E		10		
0277	RAMY	18	1542	1545	1554	S12	E07	8998	05	19.2	12	SF		3	E		15		
0278	HOLL	18	1548	1548	1553	N19	E33	9002	05	21.2	5	SF		3	E		16		
0279		18	1555	15561	1609	N22	E31	9002	05	21.0	14	1B					207		HU
	SVTO	18	1555	1556	1605	N19	E31	9002	05	21.0	10	1N		3	E		118		U
	HOLL	18	1555	1556	1611	N23	E30	9002	05	21.0	16	1B		3	E		229		H
	RAMY	18	1555	1557	1611	N23	E32	9002	05	21.1	16	2B		3	E		274		H
0280	HOLL	18	1615	1617	1619	N19	E33	9002	05	21.2	4	SF		3	E		18		
0281		18	1648*	17161	1746	N18	E34	9002	05	21.3	58	SF					56		FH
	RAMY	18	1648	1717	1742	N18	E34	9002	05	21.3	54	SF		3	E		55		FH
	HOLL	18	1711	1716	1750	N19	E33	9002	05	21.2	39	SF		3	E		56		
0282	HOLL	18	1653E	1653U	1656D	N19	E33	9002	05	21.2	3D	SF		3	E		14		
0283	HOLL	18	1659	1701	1707	N19	E33	9002	05	21.2	8	SF		3	E		32		
0284	RAMY	18	1833	1840	1902	S16	E12	8998	05	19.7	29	SF		3	E		34		F
0285	HOLL	18	1834E	1835U	1859D	S14	W06	8998	05	18.3	25D	SF		3	E		19		
0286	RAMY	18	1909	1910	1915	S23	W13	8996	05	17.8	6	SF		3	E		10		
0287	RAMY	18	1953	1954	2012	N20	E35	9002	05	21.5	19	SF		3	E		24		FH
0288	RAMY	18	2206E	2207U	2211D	S12	E02	8998	05	19.1	5D	SF		3	E		33		
		18	2301		2329	No Flare Patrol													
0289	HOLL	18	2335E	2335U	2341	N20	E32	9002	05	21.4	6D	SF		3	E		26		
0290	LEAR	18	2349	2349	2436	S11	E01	8998	05	19.1	47	SF		3	E		17		F
0291	LEAR	18	2355	2454	2538	N21	E30	9002	05	21.3	103	1N		3	E		227		F
0292		18	23507	2353	2416	S22	W13	8996	05	18.0	26	SF					18		F
	HOLL	18	2350	2353	2429	S23	W15	8996	05	17.8	39	SF		3	E		22		
	LEAR	18	2357		2404	S20	W11	8996	05	18.1	7	SF		3	E		15		F
0293	LEAR	19	0120	0120	0128	N22	E66	9010	05	24.1	8	SF		4	E		31		
0294	LEAR	19	0125	0129	0142	S12	E00	8998	05	19.0	17	SF		4	E		30		
0295		19	0455	0455	0459	S11	W00	8998	05	19.2	4	SF					38		F
	LEAR	19	0455	0455	0459	S11	E00	8998	05	19.2	4	SF		4	E		43		
	SVTO	19	0455	0455	0459	S11	W01	8998	05	19.1	4	SF		3	E		33		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0296		19	0559	06001	0615	S12	W02	8998	05	19.1	16	SF					18		F
	LEAR	19	0559	0600	0613	S12	W03	8998	05	19.0	14	SF		4	E		19		F
	SVTO	19	0559	0601	0617	S12	W02	8998	05	19.1	18	SF		3	E		16		F
0297		19	06361	06362	0648	S12	W04	8998	05	19.0	12	SF					20		F
	LEAR	19	0636	0636	0654	S12	W04	8998	05	19.0	18	SF		4	E		26		F
	SVTO	19	0637	0638	0641	S12	W03	8998	05	19.0	4	SF		3	E		13		F
0298		19	0701	0701	0716	S22	W20	8996	05	17.7	15	SF					26		
	SVTO	19	0701	0701	0714	S23	W19	8996	05	17.8	13	SF		3	E		22		
	LEAR	19	0701	0701	0719	S21	W20	8996	05	17.7	18	SF		4	E		30		
0299	LEAR	19	0726	0729	0735	S22	W20	8996	05	17.8	9	SF		3	E		15		
0300	LEAR	19	0749	0749	0759	N18	E63	9010	05	24.1	10	SF		3	E		15		
0301	LEAR	19	0801	0802	0814	S12	W04	8998	05	19.0	13	SF		4	E		24		F
0302		19	0808*	08237	0902	N20	E25	9002	05	21.2	54	SF					58		F
	LEAR	19	0808	0823	0908	N20	E26	9002	05	21.3	60	SF		3	E		66		F
	SVTO	19	0823	0830	0856	N20	E24	9002	05	21.2	33	SF		3	E		50		F
0303		19	1115	1116	1126	N18	E22	9002	05	21.1	11	SF					36		F
	RAMY	19	1114E	1115U	1128	N18	E23	9002	05	21.2	14D	SF		3	E		46		F
	SVTO	19	1115	1116	1123	N19	E22	9002	05	21.1	8	SF		3	E		25		F
0304		19	12511	12522	1257D	S12	W04	8998	05	19.2	6D	SF					25		F
	RAMY	19	1251	1254	1255D	S12	W04	8998	05	19.2	4D	SF		3	E		38		
	SVTO	19	1252	1252	1257D	S12	W05	8998	05	19.1	5D	SF		3	E		12		F
0305	RAMY	19	1346	1350	1404	N19	E23	9002	05	21.3	18	SF		3	E		30		
0306	HOLL	19	1432	1432	1442	S13	W06	8998	05	19.1	10	SF		3	E		18		
0307		19	1453*	15171	1541	N20	E22	9002	05	21.3	48	2F					186		FH
	HOLL	19	1453	1517	1544	N21	E22	9002	05	21.3	51	2F		3	E		267		H
	SVTO	19	1514	1518	1538	N20	E22	9002	05	21.3	24	1F		3	E		106		FH
0308	HOLL	19	1749	1749	1756	S12	W08	8998	05	19.1	7	SF		3	E		16		
0309		19	18112	18161	1828	N18	E58	9010	05	24.2	17	SF					18		
	HOLL	19	1811	1817	1825	N18	E58	9010	05	24.2	14	SF		3	E		17		
	RAMY	19	1813	1816	1830	N19	E59	9010	05	24.3	17	SF		3	E		19		
0310	RAMY	19	1816	1819	1824	S18	W26	8996	05	17.8	8	SF		3	E		18		
0311		19	1832	18331	1848	N20	E60	9010	05	24.4	16	SF					24		
	HOLL	19	1832	1833	1848	N21	E59	9010	05	24.3	16	SF		3	E		29		
	RAMY	19	1832	1834	1849	N19	E60	9010	05	24.3	17	SF		3	E		18		
0312	RAMY	19	1844	1844	1852	N19	W07	8999	05	19.2	8	SF		3	E		28		
0313		19	1912*	19271	1942	S12	W07	8998	05	19.3	30	SF					28		
	HOLL	19	1912	1928	1945	S12	W07	8998	05	19.3	33	SF		3	E		34		
	RAMY	19	1923	1927	1940	S12	W07	8998	05	19.3	17	SF		3	E		22		
0314	HOLL	19	2047	2055	2108	S12	W10	8998	05	19.1	21	SF		3	E		30		
0315	HOLL	19	2052	2123	2212	S17	W18	8996	05	18.5	80	SF		3	E		66		F
0316	HOLL	19	2213	2213	2227	S18	W21	8996	05	18.3	14	SF		3	E		22		
0317	HOLL	20	0027	0028	0037	N11	E06	9004	05	20.5	10	SF		3	E		46		
0318		20	0039	0045	0115	N20	W11	8999	05	19.2	36	1N					148		F
	HOLL	20	0039	0045	0115	N21	W11	8999	05	19.2	36	1N		3	E		172		F
	LEAR	20	0040E	0042U	0117D	N20	W11	8999	05	19.2	37D	1F		2	E		123		F
0319	HOLL	20	0044	0045	0054	S12	W12	8998	05	19.1	10	SF		3	E		25		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Obs See	Obs Type	Area Measurement Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0320	HOLL	20	0048	0108	0122	S22	W27	8996	05	17.9	34	SF		3	E		33		F
0321	HOLL	20	0107	0111	0120	S18	W36	8997	05	17.3	13	SF		3	E		17		
0322		20	0313	0319*	0353	S14	W10	8998	05	19.4	40	1N					312	5.1	EF
	LEAR	20	0313	0319	0337	S12	W11	8998	05	19.3	24	1F		3	E		142		F
	URUM	20	0329E	0329	0409	S15	W08	8998	05	19.5	40D	1N			P		482	5.1	E
0323	LEAR	20	0437	0438	0444	N11	E03	9004	05	20.4	7	SF		4	E		85		
0324		20	0526*	0534*	0628	S15	W08	8998	05	19.6	62	1N					240	5.2	EF
	LEAR	20	0526	0534	0650	S15	W08	8998	05	19.6	84	1N		4	E		151		FE
	SVTO	20	0527	0534	0618	S16	W09	8998	05	19.5	51	SF		3	E		87		FE
	URUM	20	0538	0550	0617	S15	W08	8998	05	19.6	39	1B			C		482	5.2	E
0325	LEAR	20	0720	0720	0735	S13	W13	8998	05	19.3	15	SF		3	E		22		
0326	LEAR	20	0820	0826	0834	S12	W15	8998	05	19.2	14	SF		3	E		19		
0327	LEAR	20	0847	0847	0855	S16	W22	8996	05	18.7	8	SF		3	E		21		
0328	URUM	20	0922	0925	0927	S22	W32	8996	05	17.9	5	SF			C		80	1.0	E
0329	RAMY	20	1051E	1051U	1054	N14	E01	9004	05	20.5	3D	SF		2	E		12		
0330	RAMY	20	1143	1144	1147	N14	E01	9004	05	20.6	4	SF		3	E		20		
0331	RAMY	20	1156	1157	1203	N22	E07	9002	05	21.0	7	SF		3	E		17		
0332	HOLL	20	1414	1414	1420	N21	E54	9011	05	24.7	6	SF		3	E		16		
0333		20	14505	1516	1526	N18	E53	9011	05	24.6	36	SF					56		F
	HOLL	20	1450	1516	1525	N20	E52	9011	05	24.6	35	SF		3	E		35		F
	RAMY	20	1455	1455U	1526	N17	E54	9011	05	24.7	31	SF		3	E		76		
0334		20	15191	15201	1526	N20	E06	9002	05	21.1	7	SF					29		F
	RAMY	20	1519	1520	1526	N19	E07	9002	05	21.2	7	SF		3	E		36		
	HOLL	20	1520	1521	1525	N20	E05	9002	05	21.0	5	SF		3	E		22		F
0335	HOLL	20	1527	1529	1536	S19	W27	8996	05	18.6	9	SF		3	E		20		F
0336		20	16571	17001	1734	N18	E14	9002	05	21.8	37	SF					87		F
	HOLL	20	1657	1701	1740	N19	E13	9002	05	21.7	43	SF		3	E		93		
	RAMY	20	1658	1700	1727	N18	E14	9002	05	21.8	29	SF		3	E		81		F
0337	RAMY	20	1843	1848	1900	S12	W19	8998	05	19.3	17	SF		3	E		35		
0338	RAMY	20	1851	1852	1858	N19	W20	8999	05	19.2	7	SF		3	E		31		
0339		20	2020	2020	2028	S21	W40	8996	05	17.8	8	SF					53		
	RAMY	20	2020	2020	2028	S20	W41	8996	05	17.7	8	SF		3	E		56		
	HOLL	20	2020	2020	2028	S22	W40	8996	05	17.8	8	SF		3	E		50		
0340	RAMY	20	2036	2038	2045	S11	W22	8998	05	19.2	9	SF		3	E		24		
0341	RAMY	20	2109	2114	2132	S20	W41	8996	05	17.7	23	SF		3	E		29		
0342	HOLL	20	2155E	2157U	2206	N19	W23	8999	05	19.1	11D	SF		3	E		36		
0343	HOLL	20	2226	2229	2255	N21	E43	9010	05	24.2	29	SF		3	E		94		
0344	RAMY	20	2228E	2229U	2237D	N18	W41	9010	05	17.8	9D	SF		1	E		54		
0345	HOLL	20	2247	2249	2305	N18	W24	8999	05	19.1	18	SF		3	E		22		
		20	2258		2303	No Flare Patrol													
		20	2309		2314	No Flare Patrol													
		20	2341		2345	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 Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0346	LEAR	21	0009	0009	0020	N19	E48	9011	05	24.7	11	SF		2	E		38		F
0347	LEAR	21	0009	0009	0013	N19	E01	9002	05	21.1	4	SF		2	E		40		
0348	LEAR	21	0027	0039	0045	S12	W26	8998	05	19.0	18	SF		2	E		22		
0349		21	0425	0425*	0451	N19	E05	9002	05	21.6	26	1F					116	2.3	EF
	LEAR	21	0425	0425	0443D	N19	E04	9002	05	21.5	18D	SF		2	E		23		F
	URUM	21	0440E	0440	0451	N19	E06	9002	05	21.6	11D	1F			P		209	2.3	E
0350		21	06317	06357	0648	S11	W27	8998	05	19.2	17	SN					94	1.9	EF
	SVTO	21	0631	0635	0645	S10	W27	8998	05	19.2	14	SF		3	E		26		F
	URUM	21	0638	0642	0650	S12	W27	8998	05	19.2	12	SN			C		161	1.9	E
0351	URUM	21	0650	0654	0702	N15	E00	9002	05	21.3	12	SN			C		129	1.4	E
0352		21	1004*	1022*	1041	S20	W46	8996	05	17.9	37	SF					70	1.2	DEF
	SVTO	21	1004	1022	1041	S18	W47	8996	05	17.8	37	SF		3	E		78		FE
	RAMY	21	1019E	1019U	1037D	S20	W47	8996	05	17.8	18D	SF		2	E		53		
	URUM	21	1034	1038	1041	S21	W45	8996	05	18.0	7	SF			C		80	1.2	D
0353		21	10222	1024*	1038	S11	W30	8998	05	19.2	16	SF					90	1.9	EF
	SVTO	21	1022	1024	1034	S09	W30	8998	05	19.2	12	SF		3	E		19		F
	URUM	21	1024	1038	1041	S13	W29	8998	05	19.2	17	SF			C		161	1.9	E
0354	RAMY	21	1202	1203	1219	N18	W01	9002	05	21.4	17	SF		3	E		20		
0355	HOLL	21	1336	1336	1341	S25	W41	8996	05	18.4	5	SF		3	E		13		
0356	HOLL	21	1341	1342	1347	S25	W41	8996	05	18.4	6	SF		3	E		18		
0357	HOLL	21	1614	1614	1623	S21	W44	8996	05	18.3	9	SF		3	E		22		
0358		21	1645E	1645U	1656	N08	W22	9004	05	20.0	11D	SF					18		F
	SVTO	21	1645E	1645U	1652	N10	W21	9004	05	20.1	7D	SF		3	E		8		F
	RAMY	21	1652E	1653U	1700	N07	W22	9004	05	20.0	8D	SF		3	E		27		
0359	RAMY	21	1836	1839	1845	S22	W45	8996	05	18.3	9	SF		3	E		13		
0360	RAMY	21	1841	1841	1846	N21	W35	8999	05	19.1	5	SF		3	E		10		
0361		21	19234	19358	1950	S22	W44	8996	05	18.4	27	SF					46		F
	RAMY	21	1923	1943	1959	S21	W46	8996	05	18.3	36	SF		3	E		60		F
	HOLL	21	1927	1935	1941	S24	W42	8996	05	18.6	14	SF		3	E		31		
0362	RAMY	21	2007	2007	2011	S19	W54	8996	05	17.7	4	SF		3	E		11		
0363	HOLL	21	2303	2307	2347	S13	W39	8998	05	19.0	44	SF		3	E		19		
0364	HOLL	21	2355	2355	2358	S22	W47	8996	05	18.4	3	SF		3	E		15		
0365	HOLL	22	0006	0007	0041	S20	W46	8996	05	18.5	35	SF		3	E		29		
		22	0052		0155	No Flare Patrol													
		22	0214		0232	No Flare Patrol													
		22	0438		0533	No Flare Patrol													
		22	0616		0617	No Flare Patrol													
		22	0710		0728	No Flare Patrol													
		22	0748		0814	No Flare Patrol													
0366	LEAR	22	0816	0816	0819D	S21	W59	8996	05	17.8	3D	SF		2	E		31		F
		22	0820		1008	No Flare Patrol													
0367	RAMY	22	1031E	1031U	1050D	S36	E54	8996	05	26.8	19D	SF		3	E		30		
0368		22	16422	16452	1709	S20	W64	8996	05	17.8	27	SF					30		H
	RAMY	22	1642	1645	1720	S19	W65	8996	05	17.7	38	SF		3	E		36		
	HOLL	22	1644	1647	1658	S21	W64	8996	05	17.8	14	SF		3	E		25		H

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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 Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0369	RAMY	22	1725	1726	1740	S13	W59	8996	05	18.3	15	SF		3	E		66		
0370	RAMY	22	1734	1737	1744	S27	W61	9012	05	18.0	10	SF		3	E		16		
0371		22	17508	17526	1805	S20	W65	8996	05	17.8	15	SF					12		
	RAMY	22	1750	1752	1803	S19	W66	8996	05	17.7	13	SF		3	E		13		
	HOLL	22	1758	1758	1807	S21	W64	8996	05	17.8	9	SF		3	E		12		
0372	HOLL	22	1814	1817	1824	S15	W59	8996	05	18.3	10	SF		3	E		20		
0373	HOLL	22	1943	1952	2007	N12	W33	9004	05	20.3	24	SF		3	E		26		
0374		22	20537	20546	2113	S20	W66	8996	05	17.8	20	SF					16		
	HOLL	22	2053	2054	2113	S21	W65	8996	05	17.9	20	SF		3	E		14		
	RAMY	22	2100	2100	2127D	S18	W68	8996	05	17.7	27D	SF		3	E		18		
0375	HOLL	22	2135	2137	2146	S20	W66	8996	05	17.8	11	SF		3	E		13		
0376	HOLL	22	2252	2253	2309	N24	W29	9002	05	20.7	17	SF		3	E		37		
0377	HOLL	23	0041	0042	0051	S22	W63	8996	05	18.2	10	SF		3	E		52		
0378	URUM	23	0112	0116	0131	N22	E02	9010	05	23.2	19	2F			C		563	6.3	E
0379	URUM	23	0816E	0816	0900	N24	W12	9002	05	22.4	44D	SF			P		161	1.9	E
0380	LEAR	23	0823	0826	0830D	S17	W59	8996	05	18.9	7D	1F		3	E		156		
0381	RAMY	23	1102	1106	1133	N07	W45	9004	05	20.1	31	1N		3	E		155		
0382		23	1104	1104	1108	N12	W40	9004	05	20.4	4	1N					60		
	RAMY	23	1104	1104	1108	N13	W41	9004	05	20.4	4	SF		3	E		17		
	SVTO	23	1104	1105U	1123D	N10	W40	9004	05	20.4	19D	1N		3	E		102		
0383		23	1250	1257	1303	N20	W37	9002	05	20.7	13	SF					20		
	RAMY	23	1250	1257	1303	N22	W37	9002	05	20.7	13	SF		3	E		24		
	SVTO	23	1251E	1251U	1300D	N18	W37	9002	05	20.7	9D	SF		3	E		16		
0384	HOLL	23	1320	1321	1326	N10	W42	9004	05	20.4	6	SF		3	E		26		
0385		23	1639	1639	1648	N22	W38	9002	05	20.8	9	SF					13		
	HOLL	23	1639	1639	1648	N22	W38	9002	05	20.8	9	SF		3	E		10		
	RAMY	23	1639	1639	1649	N23	W37	9002	05	20.8	10	SF		3	E		16		
0386		23	17201	17223	1734	N13	W48	9004	05	20.1	14	SF					14		
	RAMY	23	1720	1722	1740	N14	W47	9004	05	20.2	20	SF		3	E		19		
	HOLL	23	1721	1725	1729	N12	W48	9004	05	20.1	8	SF		3	E		10		
0387		23	17441	1752	1800	S20	W78	8996	05	17.8	16	SF					54		
	RAMY	23	1744	1749U	1759D	S18	W75	8996	05	18.0	15D	SF		3	E		59		
	HOLL	23	1745	1752	1800	S22	W80	8996	05	17.6	15	SF		3	E		50		
0388	HOLL	23	1810	1814	1851	S14	W62	8998	05	19.1	41	SF		3	E		28		
		23	1843		1849	No Flare Patrol													
0389	HOLL	23	1853	1854	1908	N11	W49	9004	05	20.1	15	SF		3	E		43		
0390	HOLL	23	1923	1933	2010	N20	W35	9002	05	21.1	47	SF		3	E		46		F
0391	HOLL	23	1931	1944	2003	N11	W50	9004	05	20.0	32	SF		3	E		83		
0392	HOLL	23	1954	1955	2002	S13	W58	8998	05	19.4	8	SF		3	E		16		
0393	HOLL	23	2021	2022	2026	N11	W44	9004	05	20.5	5	SF		3	E		21		
0394	RAMY	23	2024	2026	2042	N22	W32	9002	05	21.4	18	SF		3	E		24		
0395	HOLL	23	2051	2052	2056	S16	W59	8998	05	19.4	5	SF		3	E		12		

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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 Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0396		23	2046	2059	2118	N22	W42	9002	05	20.6	32	1F						72		H
	HOLL	23	2046	2059	2118	N22	W43	9002	05	20.6	32	1F		3	E			113		H
	RAMY	23	2104E	2104U	2107D	N23	W41	9002	05	20.7	3D	SF		3	E			30		
0397		23	2136	2214	2252	N12	W46	9004	05	20.4	76	SF						26		F
	HOLL	23	2136	2214	2356	N11	W47	9004	05	20.4	140	SF		3	E			31		F
	RAMY	23	2145E	2145U	2149	N14	W44	9004	05	20.6	4D	SF		2	E			21		
0398	HOLL	23	2220	2243	2304	S13	W65	8998	05	19.0	44	SF		3	E			27		
0399	LEAR	23	2350	2429	2448	S12	W64	8998	05	19.2	58	SF		3	E			30		
0400	HOLL	23	2357	2414	2518	N11	W48	9004	05	20.4	81	SF		3	E			30		
0401	HOLL	24	0113	0120	0125	N18	E01	9010	05	24.1	12	SF		3	E			46		
0402	LEAR	24	0114	0114	0132	N25	E04	9010	05	24.4	18	SF		3	E			34		F
0403	LEAR	24	0125	0126	0131	S13	W63	8998	05	19.3	6	SF		3	E			15		
0404	LEAR	24	0529	0529	0535	S13	W66	8998	05	19.2	6	SF		3	E			27		
0405	SVTO	24	0556E	0556U	0605D	S27	W85	8996	05	17.6	9D	SF		3	E			15		
		24	0601		0603	No Flare Patrol														
0406	LEAR	24	0645	0647	0655	N10	W52	9004	05	20.4	10	SF		3	E			16		
0407		24	16172	1621*	1639	N24	W50	9002	05	20.8	22	SF						24		
	RAMY	24	1617	1621	1638	N24	W49	9002	05	20.9	21	SF		3	E			26		
	HOLL	24	1619	1631	1640	N24	W50	9002	05	20.8	21	SF		3	E			21		
0408	HOLL	24	1800	1804	1809	S12	E79	9017	05	30.7	9	SF		3	E			21		
0409	HOLL	24	1816	1817	1821	S13	E80	9017	05	30.8	5	SF		3	E			14		
0410	HOLL	24	1822	1824	1826	S13	E83	9017	05	31.0	4	SF		3	E			22		
0411		24	18352	18393	1846	S17	W76	8996	05	19.0	11	SF						16		
	HOLL	24	1835	1842	1846	S19	W75	8996	05	19.0	11	SF		3	E			17		
	RAMY	24	1837	1839	1847	S15	W78	8996	05	18.9	10	SF		3	E			15		
0412		24	1931	1932	1937	S15	E83	9017	05	31.1	6	SN						42		
	RAMY	24	1931	1932	1937	S17	E84	9017	05	31.2	6	SF		3	E			41		
	HOLL	24	1931	1932	1937	S13	E82	9017	05	31.0	6	SN		3	E			43		
0413		24	1940	19403	1950	N12	W62	9004	05	20.1	10	SF						12		
	RAMY	24	1940	1940	1952	N14	W60	9004	05	20.3	12	SF		3	E			12		
	HOLL	24	1940	1943	1948	N11	W63	9004	05	20.1	8	SF		3	E			12		
0414	RAMY	24	2100	2108	2125	N14	W60	9004	05	20.3	25	SN		3	E			60		
0415		24	21128	2123*	2149	S14	E80	9017	05	30.9	37	SF						48		
	HOLL	24	2112	2151	2206	S13	E81	9017	05	31.0	54	SF		3	E			71		
	RAMY	24	2120	2123	2132	S16	E78	9017	05	30.8	12	SF		3	E			25		
0416	HOLL	24	2121	2124	2130	N19	W75	8999	05	19.2	9	SF		3	E			25		
0417	LEAR	25	0016	0018	0024	S14	E81	9017	05	31.1	8	SF		3	E			21		
0418		25	0032	0034	0041	S13	E80	9017	05	31.0	9	SF						32		
	HOLL	25	0032	0034	0038	S12	E80	9017	05	31.0	6	SF		3	E			33		
	LEAR	25	0032	0034	0044	S14	E81	9017	05	31.1	12	SF		3	E			31		
0419	URUM	25	0404	0408	0500	N22	W14	9010	05	24.1	56	1F			P			241	2.8	E
0420	LEAR	25	0623	0623	0629	S14	E77	9017	05	31.1	6	SF		3	E			18		

MAY 2000

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Obs See	Obs Type	Area Measurement Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0421		25	07292	0735	0741	S12	E83	9017	05	31.6	12	SN					62		H
	LEAR	25	0729	0735	0743	S14	E81	9017	05	31.4	14	SN		3	E		78		
	SVTO	25	0731	0735	0739	S11	E85	9017	05	31.7	8	SF		3	E		45		H
0422	LEAR	25	0743	0748	0801	N19	W57	9002	05	21.0	18	SF		3	E		47		E
0423	LEAR	25	0818	0818	0825	N12	W67	9004	05	20.3	7	SF		3	E		38		
0424	LEAR	25	0833	0837	0842	S14	E78	9017	05	31.2	9	SF		3	E		26		
0425	RAMY	25	1134	1137	1140	S16	E76	9017	05	31.2	6	SF		3	E		16		
0426	RAMY	25	1610	1612	1648D	S17	E74	9017	05	31.3	38D	SF		3	E		24		
		25	1744		1804	No Flare Patrol													
		25	1824		1853	No Flare Patrol													
		25	1956		2030	No Flare Patrol													
		25	2034		2105	No Flare Patrol													
		25	2147		2155	No Flare Patrol													
0427	LEAR	26	0126	0129	0154	N21	W66	9002	05	21.0	28	1F		3	E		249		F
0428	LEAR	26	0400	0401	0414	S15	E70	9017	05	31.5	14	SF		4	E		15		
0429	LEAR	26	0749	0750	0801	S15	E67	9017	05	31.4	12	SF		3	E		18		
0430	LEAR	26	0758	0807	0819	N21	W69	9002	05	21.0	21	SF		3	E		87		
0431	LEAR	26	0758	0801	0807	N12	W79	9004	05	20.4	9	SF		3	E		42		
0432	LEAR	26	0813	0814	0816	N12	W80	9004	05	20.3	3	SF		3	E		27		
0433	LEAR	26	0830	0830	0837	S11	E65	9017	05	31.2	7	SF		3	E		13		
0434	KHAR	26	0905E	0905U	0912	S04	E65	9017A	05	31.2	7D	SF		1	V				DH
0435	KHAR	26	0905E		0915	S20	W01	9018	05	26.3	10D	SF		2	V				E
0436	KHAR	26	0912	0914	0925D	N10	W65	9004	05	21.5	13D	SN		2	V				
0437	KHAR	26	1053		1105	N18	W24	9011	05	24.6	12	SN		2	V				E
0438	KHAR	26	1100		1110D	S13	W90	8998	05	19.7	10D	SF		2	V				
0439	RAMY	26	1219	1219	1228	S17	E64	9017	05	31.4	9	SF		3	E		11		
0440		26	1456	14561	1501	S21	W08	9018	05	26.0	5	SF					26		
	HOLL	26	1456	1456	1501	S21	W08	9018	05	26.0	5	SF		3	E		29		
	RAMY	26	1456	1457	1501	S21	W09	9018	05	25.9	5	SF		3	E		22		
0441	RAMY	26	1517	1530	1545	N21	W62	9002	05	21.9	28	SF		3	E		64		
0442	HOLL	26	1518	1529	1544	N19	W73	9002	05	21.1	26	SF		3	E		72		
0443	RAMY	26	1535	1535	1541	S18	E62	9017	05	31.4	6	SF		3	E		11		
0444	RAMY	26	1612	1616	1618	S20	W10	9018	05	25.9	6	SF		3	E		13		
0445	HOLL	26	1626	1626	1629	N20	W72	9002	05	21.2	3	SF		3	E		16		
0446	RAMY	26	1805	1806	1809	N14	W85	9004	05	20.3	4	SF		3	E		58		
		26	2112		2113	No Flare Patrol													
		26	2127		2134	No Flare Patrol													
		26	2140		2236	No Flare Patrol													
0447	HOLL	27	0037	0039	0042	S21	W14	9018	05	25.9	5	SF		3	E		15		
		27	0057		0101	No Flare Patrol													

Hα SOLAR FLARES

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Obs See	Obs Type	Area Measurement Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0448	KANZ	27	0838	0842	0849	S13	E45	9017	05	30.7	11	SF		2	C				
0449	KHAR	27	0920E		0927	S10	E48	9017	05	31.0	7D	SF		2	V				
0450		27	13535	14031	1424	S20	W22	9018	05	25.9	31	SF					20		
	RAMY	27	1353	1403	1425	S20	W23	9018	05	25.8	32	SF		3	E		22		
	HOLL	27	1358	1404	1423	S21	W20	9018	05	26.0	25	SF		3	E		18		
0451	HOLL	27	1417	1417	1421	N21	W44	9010	05	24.2	4	SF		3	E		16		F
0452		27	15491	15502	1558	S11	E44	9017	05	31.0	9	SF					16		
	RAMY	27	1549	1550	1600	S12	E43	9017	05	30.9	11	SF		3	E		18		
	HOLL	27	1550	1552	1556	S10	E44	9017	05	31.0	6	SF		3	E		14		
0453	RAMY	27	1627	1629	1636	S16	E43	9017	05	30.9	9	SF		3	E		11		
0454	HOLL	27	2320	2328	2345	S21	W27	9018	05	25.9	25	SF		3	E		22		
0455		27	2332	2335	2338	S36	W52	9019	05	23.8	6	SF					22		
	HOLL	27	2332	2335	2338	S36	W53	9019	05	23.7	6	SF		3	E		11		
	LEAR	27	2342E	2344U	2356D	S35	W51	9019	05	23.9	14D	SF		3	E		34		
0456	LEAR	27	2358E	2407U	2420D	S36	W50	9019	05	24.0	22D	SF		2	E		15		
		28	0058		0321	No Flare Patrol													
0457	RAMY	28	1358	1358	1403	S13	E37	9017	05	31.4	5	SF		3	E		11		
0458	RAMY	28	1402	1405	1407	S33	W61	9019	05	23.7	5	SF		3	E		20		
0459	RAMY	28	1419	1421	1426	S14	E37	9017	05	31.4	7	SF		3	E		42		
0460		28	16071	16122	1628	S12	E30	9017	05	30.9	21	SF					29		
	RAMY	28	1607	1612	1628	S13	E29	9017	05	30.8	21	SF		3	E		29		
	HOLL	28	1608	1614	1629	S10	E30	9017	05	30.9	21	SF		3	E		29		
0461	HOLL	28	1620	1620	1630	S35	W61	9019	05	23.8	10	SF		3	E		24		
0462	HOLL	28	1845	1846	1850	S21	E70	9022	06	3.1	5	SF		3	E		12		
		28	1956		2006	No Flare Patrol													
		28	2032		2033	No Flare Patrol													
0463	HOLL	28	2134	2139	2151	S21	E68	9022	06	3.1	17	SF		3	E		56		
0464	HOLL	28	2152	2153	2156	S21	E68	9022	06	3.1	4	SF		3	E		33		
0465	HOLL	28	2157	2157	2202	S21	E68	9022	06	3.1	5	SF		3	E		33		
0466	HOLL	29	0005	0005	0008	S21	E69	9022	06	3.3	3	SF		3	E		11		
0467	HOLL	29	0012	0012	0016	S21	E66	9022	06	3.1	4	SF		3	E		14		
		29	0912		0924	No Flare Patrol													
		29	1119		1146	No Flare Patrol													
		29	1248		1301	No Flare Patrol													
0468		29	14252	14291	1449	S15	E22	9017	05	31.3	24	SF					28		
	HOLL	29	1425	1429	1449	S14	E23	9017	05	31.3	24	SF		3	E		33		
	RAMY	29	1427	1430	1443D	S16	E22	9017	05	31.3	16D	SF		3	E		22		
0469	HOLL	29	1454	1455	1507	S36	W70	9019	05	24.0	13	SF		3	E		14		
0470	HOLL	29	1634	1637	1638	S12	E18	9017	05	31.0	4	SF		3	E		14		
0471		29	23281	2330*	2357	S11	E16	9017	05	31.2	29	SF					24		F
	HOLL	29	2328	2341	2415	S12	E18	9017	05	31.3	47	SF		3	E		15		
	LEAR	29	2329	2330	2339	S10	E14	9017	05	31.0	10	SF		2	E		32		F

MAY 2000

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Imp See	Obs Type	Area Measurement Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0472	HOLL	30	0019	0021	0023	S20	E51	9022	06	2.9	4	SF		3	E		20		
		30	1610		1619	No Flare Patrol													
		30	1649		1701	No Flare Patrol													
		30	1705		1706	No Flare Patrol													
		30	2211		2323	No Flare Patrol													
0473	URUM	31	0739	0744	0755	N22	W02		05	31.2	16	SF			C		161	1.8	D
		31	1741		1746	No Flare Patrol													
		31	1750		1754	No Flare Patrol													
		31	2045		2320	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