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Mar 03

H α S O L A R F L A R E S

MARCH 2003

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/	CMP	Dur	Imp	Obs	Area Measurement			Remarks	
								USAF Region					Mo	Day	(Min)		Opt
			01 0351		0402			No Flare Patrol									
0001	KANZ	01	1040	1045	1055	S15	W10		02	28.7	15	SF	2	E			
0002	RAMY	01	1717E	1717U	1723	N11	E62	10296	03	6.4	6D	SF	3	E		15	
0003	RAMY	01	1907E		1912	N13	E78	10299	03	7.7	5D	SF	3	E		63	
			01 2201		2209			No Flare Patrol									
0004	LEAR	02	0444	0445	0452	N12	E60	10296	03	6.7	8	SF	3	E		21	H
0005	LEAR	02	0631	0631	0633	S09	W72	10292	02	25.0	2	SF	3	E		17	
0006	LEAR	02	0717	0720	0728	S09	W73	10292	02	24.9	11	SF	3	E		31	F
0007	LEAR	02	0743	0749	0814	S09	W73	10292	02	24.9	31	SF	3	E		53	F
			02 1108		1133			No Flare Patrol									
			02 1145		1237			No Flare Patrol									
0008	RAMY	02	1425	1426	1433	N08	E57	10296	03	6.9	8	SF	3	E		18	F
			02 2014		2040			No Flare Patrol									
			02 2120		2247			No Flare Patrol									
			03 0339		0428			No Flare Patrol									
			03 1012		1214			No Flare Patrol									
			03 1321		1327			No Flare Patrol									
			03 1803		1808			No Flare Patrol									
			03 2131		2218			No Flare Patrol									
			03 2245		2254			No Flare Patrol									
			04 1809		1827			No Flare Patrol									
			04 1833		1846			No Flare Patrol									
0009	LEAR	05	0259	0259	0319	N15	E21	10296	03	6.7	20	SF	4	E		64	
0010	LEAR	05	0445	0446	0452	N18	E57	10302	03	9.5	7	SF	3	E		19	F
0011	KANZ	05	0724	0725	0726	N22	E31	10301	03	7.7	2	SF	2	E			
			05 1602		1921			No Flare Patrol									
			05 1925		1953			No Flare Patrol									
			05 2008		2023			No Flare Patrol									
			07 0032		0341			No Flare Patrol									
			07 0358		0622			No Flare Patrol									
			07 0639		0721			No Flare Patrol									
			07 0844		0901			No Flare Patrol									
			07 0919		0928			No Flare Patrol									
			07 0954		1037			No Flare Patrol									
0012	KANZ	07	1154	1156	1204	N19	W01	10301	03	7.4	10	SF	2	E			
			07 2154		2400			No Flare Patrol									
			08 0000		0120			No Flare Patrol									
0013	KANZ	08	0843	0845	0848	S13	W21	10304	03	6.8	5	SF	2	E			
0014		08	0923*	09336	0959	N08	E68	10306	03	13.5	36	SF				17	F
	KANZ	08	0923	0933	1013	N10	E67	10306	03	13.4	50	SF	2	E			
	SVTO	08	0938	0939	0945	N06	E69	10306	03	13.6	7	SF	3	E		17	F
0015	KANZ	08	1154	1156	1200	S13	W22	10304	03	6.8	6	SF	2	E			
0016	HOLL	08	2321	2322	2328	S14	W28	10304	03	6.8	7	SF	3	E		29	
0017		09	0005	0007	0014	S15	W31	10304	03	6.6	9	SF				31	F
	LEAR	09	0005	0007U	0014	S15	W31	10304	03	6.6	9	SF	3	E		38	F
	HOLL	09	0005	0007	0014	S15	W31	10304	03	6.6	9	SF	3	E		24	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0018	LEAR	09	0015	0015	0019	N03	E59	10306	03	13.4	4	SF		3	E		14		
			09 0101		0122														No Flare Patrol
			09 0141		0147														No Flare Patrol
0019	LEAR	09	0205	0207	0212	N06	E64	10306	03	13.9	7	SF		3	E		14		F
0020	LEAR	09	0344	0344	0348	N03	E61	10306	03	13.7	4	SF		3	E		34		
			09 0429		0503														No Flare Patrol
			09 0531		0550														No Flare Patrol
0021	LEAR	09	0646E	0646	0654	S18	W38	10310	03	6.4	8D	SF		3	E		50		F
0022	RAMY	09	1752	1753	1757	S16	W46	10310	03	6.2	5	SF		3	E		16		F
			10 0111		0251														No Flare Patrol
0023	LEAR	10	0540	0540	0545	S18	W54	10295	03	6.1	5	SF		4	E		10		
0024	LEAR	10	0844	0852	0858	N03	E45	10306	03	13.7	14	SF		3	E		60		
			10 1041		1100														No Flare Patrol
			10 1121		1205														No Flare Patrol
			11 0101		0148														No Flare Patrol
			11 0154		0209														No Flare Patrol
0025		11	12242	12263	1232	S14	W64	10304	03	6.7	8	SF					22		FH
	KANZ	11	1224	1229	1233	S15	W66	10304	03	6.5	9	SF		2	E				
	RAMY	11	1226	1226	1231	S14	W62	10304	03	6.8	5	SF		3	E		22		FH
0026	KANZ	11	1417	1426	1538D	S12	E23	10311	03	13.3	81D	SF		2	E				
			11 1944		1958														No Flare Patrol
			11 2009		2145														No Flare Patrol
0027		12	09381	09402	0946	N08	E13	10306	03	13.4	8	SF					16		H
	KANZ	12	0938	0942	0951D	N08	E13	10306	03	13.4	13D	SF		2	E				
	LEAR	12	0939	0940	0946	N08	E13	10306	03	13.4	7	SF		3	E		16		H
0028	LEAR	12	0947	0950	0954	N09	E13	10306	03	13.4	7	SF		3	E		12		
0029	KANZ	12	1141E	1142	1155	N08	E13	10306	03	13.5	14D	SF		2	E				
			12 2131		2253														No Flare Patrol
0030	LEAR	13	0205	0207	0214	N16	W53	10312	03	9.1	9	SF		3	E		16		F
0031	LEAR	13	0209	0213	0233	S12	E09	10311	03	13.8	24	SF		3	E		68		F
0032	LEAR	13	0602	0610	0621	S29	E64		03	18.3	19	SF		3	E		21		
0033	KANZ	13	1322	1324	1326	N07	E00	10306	03	13.5	4	SF		2	E				
0034		13	1327	1335	1342	S26	W54	10307	03	9.4	15	SF					11		F
	KANZ	13	1327	1335	1342	S25	W53	10307	03	9.4	15	SF		2	E				
	RAMY	13	1334E	1334U	1341	S26	W54	10307	03	9.4	7D	SF		3	E		11		F
0035	KANZ	13	1349	1406	1412	N33	E04	10313	03	13.9	23	SF		2	E				
0036	KANZ	13	1442	1452	1456	N33	E04	10313	03	13.9	14	SF		2	E				
0037	KANZ	13	1533	1535	1541	N33	E03	10313	03	13.9	8	SF		2	E				
			14 1129		1216														No Flare Patrol
			14 2212		2241														No Flare Patrol
			14 2245		2253														No Flare Patrol
0038	KANZ	15	0824E	0830	0833D	S15	W04	10314	03	15.0	9D	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	Obs See	Type	Area Measurement			Remarks	
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
			15 1001		1025			No Flare Patrol												
			15 1027		1029			No Flare Patrol												
			15 1103		1104			No Flare Patrol												
			15 1106		1108			No Flare Patrol												
0039	KANZ	15	1110	1118	1154	S15	W04	10314	03	15.2	44	SF		2	E					
			15 1111		1112			No Flare Patrol												
			15 1121		1124			No Flare Patrol												
0040	KANZ	15	1342	1347	1354	N08	W26	10306	03	13.6	12	SF		2	E					
0041	KANZ	15	1343	1350	1408	S15	W06	10314	03	15.1	25	SF		2	E					
			15 2012		2151			No Flare Patrol												
0042	HOLL	15	2043	2046	2049	S16	W11	10314	03	15.0	6	SF		3	E			21		
			15 2158		2258			No Flare Patrol												
0043	LEAR	16	0400	0408	0439	S15	W15	10314	03	15.0	39	SF		3	E			19		F
0044	KANZ	16	0808	0816	0822	S14	W17	10314	03	15.0	14	SF		2	E					
			16 1034		1115			No Flare Patrol												
			16 1123		1154			No Flare Patrol												
0045	KANZ	16	1231	1423	1518	S14	W18	10314	03	15.2	167	SF		2	E					
0046	KANZ	16	1232	1258	1330	S14	W18	10314	03	15.2	58	SF		2	E					
			16 1713		1720			No Flare Patrol												
			16 1750		1803			No Flare Patrol												
0047	HOLL	16	1910	1910	1915	S11	W29	10314	03	14.6	5	SF		3	E			40		
			16 2049		2135			No Flare Patrol												
			16 2144		2227			No Flare Patrol												
			17 0231		0348			No Flare Patrol												
0048	KANZ	17	1009	1014	1018	S16	W33	10314	03	14.9	9	SF		2	E					
0049	KANZ	17	1212	1223	1229	S12	W37	10314	03	14.7	17	SF		2	E					
0050	HOLL	17	1639	1658	1704	S14	W39	10314	03	14.7	25	SF		3	E			25		F
0051	RAMY	17	1640	1640	1647	S14	W39	10314	03	14.7	7	SF		3	E			13		F
0052	HOLL	17	1854	1913	2003D	S14	W38	10314	03	14.9	69D	1N		3	E			189		F
			17 2028		2221			No Flare Patrol												
0053	LEAR	17	2355	2358	2405	S16	W43	10314	03	14.7	10	SF		3	E			24		
			18 0002		0007			No Flare Patrol												
			18 0013		0526			No Flare Patrol												
0054	LEAR	18	0033	0035	0128	S15	W44	10314	03	14.7	55	1N		3	E			215		F
0055	LEAR	18	0141	0147	0324	S15	W45	10314	03	14.7	103	1F		3	E			106		F
0056	LEAR	18	0337	0348	0504	S15	W43	10314	03	14.9	87	SF		3	E			80		FH
0057	LEAR	18	0522	0523	0530	S16	W43	10314	03	15.0	8	SF		3	E			25		F
0058		18	05543	0600	0621	S12	W46	10314	03	14.8	27	1N						112		EFH
	LEAR	18	0554	0600	0631	S15	W46	10314	03	14.8	37	1B		3	E			158		FE
	SVTO	18	0557	0600	0611	S09	W46	10314	03	14.8	14	SF		3	E			66		H

H α SOLAR FLARES

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
															Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0059	KANZ	18	0614E	0616	0704	S14	W43	10314	03	15.0	50D	SF	2	E				
0060	LEAR	18	0637	0639	0647	S15	W45	10314	03	14.9	10	SF	3	E		23		F
0061	LEAR	18	0649	0650	0702	S15	W45	10314	03	14.9	13	SF	3	E		35		F
0062	KANZ	18	0710	0713	0716	S15	W44	10314	03	15.0	6	SF	2	E				
0063	KANZ	18	0720	0726	0731	S14	W44	10314	03	15.0	11	SF	2	E				
0064	KANZ	18	0734	0736	0759	S14	W47	10314	03	14.8	25	SF	2	E				
0065	LEAR	18	0734	0743	0753	S15	W48	10314	03	14.7	19	SF	3	E		23		F
0066	KANZ	18	1012	1012	1013	S14	W44	10314	03	15.1	1	SF	2	E				
0067		18	11542	12072	1331	S13	W46	10314	03	15.0	97	1B				229		FHZ
	KANZ	18	1154	1207	1344	S14	W46	10314	03	15.0	110	1B	2	E				
	RAMY	18	1156	1207	1311	S15	W46	10314	03	15.0	75	1B	3	E		200		FH
	SVTO	18	1156	1209	1337	S09	W46	10314	03	15.0	101	2B	3	E		258		ZF
0068	KANZ	18	1315	1330	1418	N17	E40		03	21.6	63	SF	2	E				
0069	SVTO	18	1620	1620	1625D	S16	W48	10314	03	15.0	5D	SF	3	E		13		
		18	1848		2044													No Flare Patrol
		18	2056		2257													No Flare Patrol
0070	LEAR	18	2302E	2313	2437	S13	W55	10314	03	14.8	95D	2F	3	E		285		F
		19	0059		0123													No Flare Patrol
0071	LEAR	19	0159	0200	0204	S15	W54	10314	03	15.0	5	SF	3	E		34		
0072	LEAR	19	0211	0306	0518	S14	W56	10314	03	14.8	187	1N	3	E		155		EF
		19	0634		0700													No Flare Patrol
0073	LEAR	19	0701E	0701U	0704	S12	W60	10314	03	14.8	3D	2F	3	E		301		
0074	KANZ	19	0841	0842	0843	S15	W54	10314	03	15.3	2	SF	2	E				
0075		19	09384	0952	1035	S15	W56	10314	03	15.2	57	1N				131		EF
	KANZ	19	0938	0952	1035	S15	W56	10314	03	15.2	57	1N	2	E				
	LEAR	19	0942	0952	0957D	S15	W57	10314	03	15.1	15D	1N	2	E		131		FE
0076	LEAR	19	0956	0956	0957D	S15	W78	10311	03	13.5	1D	SF	2	E		11		
0077	KANZ	19	1101	1102	1107	S15	W57	10314	03	15.1	6	SF	2	E				
0078		19	1123	1128	1134	S16	W58	10314	03	15.1	11	SF				23		F
	KANZ	19	1123	1128	1134	S16	W57	10314	03	15.1	11	SF	2	E				
	RAMY	19	1124E	1124U	1135	S15	W58	10314	03	15.1	11D	SF	3	E		23		F
0079	KANZ	19	1328	1337	1354	S15	W59	10314	03	15.1	26	2F	2	E				
0080	SVTO	19	1330E	1331U	1354D	S07	W61	10314	03	15.0	24D	2F	3	E		414		F
		19	1404		1406													No Flare Patrol
0081	RAMY	19	1647E	1647U	1654	S11	W66	10314	03	14.7	7D	SF	3	E		11		
		19	1649		1715													No Flare Patrol
0082	HOLL	19	1819	1820	1834	S11	W66	10314	03	14.8	15	SF	3	E		63		F
0083		19	1848	1850	1920	S14	W64	10314	03	14.9	32	SF				80		F
	HOLL	19	1848	1850	1922	S14	W64	10314	03	14.9	34	SF	3	E		96		
	RAMY	19	1849E	1849U	1918	S13	W65	10314	03	14.9	29D	SF	3	E		63		F

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																Time (UT)	Apparent (10-6 Disk)		Corr (Sq Deg)
			19 2021		2255	No Flare Patrol													
0084	LEAR	20	0223	0225	0236	S13	W72	10314	03	14.7	13	SF		3	E		91	FH	
0085	KANZ	20	1127	1128	1142	S14	W74	10314	03	14.9	15	1F		2	E				
0086	SVTO	20	1128	1128	1135	S04	W75	10314	03	14.9	7	1F		3	E		152	F	
0087	KANZ	20	1454	1454	1459	S14	E01		03	20.7	5	SF		2	E				
			20 2157		2257	No Flare Patrol													
			21 0307		0333	No Flare Patrol													
0088	KANZ	21	0948	0958	1026	S25	E15		03	22.6	38	SF		2	E				
			21 2131		2303	No Flare Patrol													
			22 0102		0133	No Flare Patrol													
			22 0140		0220	No Flare Patrol													
			22 0227		0340	No Flare Patrol													
			22 0425		0513	No Flare Patrol													
			23 0111		0128	No Flare Patrol													
			23 0159		0214	No Flare Patrol													
			23 0232		0535	No Flare Patrol													
			23 0542		0605	No Flare Patrol													
			24 0129		0507	No Flare Patrol													
			24 1923		1955	No Flare Patrol													
			24 2049		2053	No Flare Patrol													
			24 2205		2218	No Flare Patrol													
			24 2243		2314	No Flare Patrol													
			24 2319		2400	No Flare Patrol													
			25 0000		0020	No Flare Patrol													
			25 0024		0510	No Flare Patrol													
0089		25	1246*	13001	1305	N12	E32	10319	03	27.9	19	SF					21		
	KANZ	25	1246	1300	1306	N13	E30	10319	03	27.8	20	SF		2	E				
	SVTO	25	1259	1301	1304	N10	E33	10319	03	28.0	5	SF		3	E			21	
0090	KANZ	25	1337	1338	1340	N06	E72	10321	03	30.9	3	SF		2	E				
0091	HOLL	25	1539	1540	1547	N07	E72	10321	03	31.0	8	SF		3	E			17	
0092	SVTO	25	1605	1605	1610	S01	E72	10321	03	31.0	5	SF		3	E			19	
0093		25	16271	1636	1640	N03	E70	10321	03	30.9	13	SF						39	F
	HOLL	25	1627	1636	1641	N05	E69	10321	03	30.8	14	SF		3	E			47	F
	SVTO	25	1628	1636	1643D	S01	E69	10321	03	30.8	15D	SF		3	E			58	
	RAMY	25	1634E	1634U	1640	N06	E71	10321	03	31.0	6D	SF		3	E			13	
			25 1733		1816	No Flare Patrol													
			25 1927		2000	No Flare Patrol													
			25 2133		2135	No Flare Patrol													
			25 2155		2201	No Flare Patrol													
			25 2221		2355	No Flare Patrol													
			26 0114		0503	No Flare Patrol													
0094		26	0753	0754	0800	N03	E62	10321	03	31.0	7	SF						29	
	SVTO	26	0753	0754	0757	N00	E65	10321	03	31.2	4	SF		3	E			29	
	KANZ	26	0756E	0756U	0802	N06	E59	10321	03	30.7	6D	SF		2	E				
0095	KANZ	26	0756	0800	0802	S07	E48	10323	03	29.9	6	SF		2	E				
0096	KANZ	26	0828	0829	0830	N06	E59	10321	03	30.8	2	SF		2	E				
0097	HOLL	26	1652	1652	1656	N06	E59	10321	03	31.1	4	SF		3	E			15	
0098	HOLL	26	1707	1708	1723	S01	E60	10321	03	31.2	16	SF		3	E			39	
0099	RAMY	26	1708E	1708U	1725	N07	E57	10321	03	31.0	17D	SF		3	E			52	F
			26 2255		2329	No Flare Patrol													

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)			
			26 2334		2342			No Flare	Patrol												
			27 0004		0021			No Flare	Patrol												
			27 0053		0637			No Flare	Patrol												
0100	KANZ	27	0649	0700	0748	N08	E50	10321	03	31.0	59	SF		2	E						
0101	KANZ	27	1127	1138	1153	N11	E04	10319	03	27.8	26	SF		2	E						
			27 1641		1718			No Flare	Patrol												
			27 1848		1931			No Flare	Patrol												
			27 2249		2341			No Flare	Patrol												
			28 0012		0744			No Flare	Patrol												
			28 1609		1632			No Flare	Patrol												
			28 1802		1827			No Flare	Patrol												
			28 1856		1934			No Flare	Patrol												
			28 1954		2333			No Flare	Patrol												
			29 0116		0643			No Flare	Patrol												
			29 0722		0851			No Flare	Patrol												
			29 0901		0923			No Flare	Patrol												
			29 0943		1007			No Flare	Patrol												
0102	SVTO	29	1015E	1019U	1034D	S12	W14	10318	03	28.4	19D	SF		3	E		62			F	
			29 1027		1030			No Flare	Patrol												
0103	SVTO	29	1229	1231U	1240	S09	E05	10323	03	29.9	11	SF		3	E		53			F	
0104	HOLL	29	1351	1352	1357	S09	E06	10323	03	30.0	6	SF		3	E		17				
0105	HOLL	29	1451	1452	1457	S09	E06	10323	03	30.1	6	SF		3	E		17				
0106		29	15045	15151	1531	S12	W19	10318	03	28.2	27	SF					32			F	
	HOLL	29	1504	1516	1537	S13	W18	10318	03	28.3	33	SF		3	E		44				
	RAMY	29	1506E	1506U	1531	S12	W19	10318	03	28.2	25D	SF		3	E		34			F	
	SVTO	29	1509	1515	1524	S11	W19	10318	03	28.2	15	SF		3	E		17			F	
0107	HOLL	29	1511	1511	1528	S08	E02	10323	03	29.8	17	SF		3	E		10				
0108	HOLL	29	1834	1838	1902	S11	W20	10318	03	28.3	28	1F		3	E		147				
0109	HOLL	29	2049	2050	2057	S11	W21	10318	03	28.3	8	SF		3	E		19				
			30 0116		0503			No Flare	Patrol												
0110	HOLL	30	1803	1808	1816	N01	W02	10321	03	30.6	13	SF		3	E		16			F	
			31 0116		0756			No Flare	Patrol												
			31 0837		0842			No Flare	Patrol												
			31 0901		1043			No Flare	Patrol												
0111		31	1618	1619	1628	S07	W26	10323	03	29.7	10	SF					30			F	
	HOLL	31	1618	1619	1630	S07	W26	10323	03	29.7	12	SF		3	E		36			F	
	RAMY	31	1619E	1619U	1627	S07	W25	10323	03	29.8	8D	SF		3	E		23			F	
0112		31	2123	2125	2139	S14	E38	10326	04	3.8	16	SF					36			F	
	HOLL	31	2123	2125	2139	S12	E38	10326	04	3.7	16	SF		3	E		37			F	
	RAMY	31	2125E	2125U	2144D	S17	E38	10326	04	3.8	19D	SF		3	E		36			F	