

JUNE 2002

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0001	LEAR	01	0308	0308	0316	S22	W44	9977	05	28.8	8	SF		3	E		10		FH
0002		01	0353	0356	0407	S18	E28	9973	06	3.3	14	1N					100		FH
	LEAR	01	0353	0356	0407	S19	E29	9973	06	3.4	14	1N		3	E		109		F
	SVTO	01	0354E	0356U	0404D	S18	E27	9973	06	3.2	10D	SF		2	E		91		FH
0003		01	0633	06371	0648	S32	E74	9979	06	7.1	15	SF					22		FH
	LEAR	01	0633	0637	0652	S32	E75	9979	06	7.2	19	SF		3	E		19		F
	SVTO	01	0633	0638	0645	S31	E73	9979	06	7.0	12	SF		3	E		25		FH
0004		01	06487	06552	0713	N06	W18	9970	05	31.0	25	SF					18		F
	KANZ	01	0648	0655	0705D	N06	W18	9970	05	31.0	17D	SF		2	E				
	LEAR	01	0654	0655	0716	N05	W18	9970	05	31.0	22	SF		3	E		16		F
	SVTO	01	0655	0657	0710	N06	W17	9970	05	31.0	15	SF		3	E		20		F
0005		01	06571	0658	0704	S29	E66	9979	06	6.5	7	SF					18		
	KANZ	01	0657	0658	0704	S29	E66	9979	06	6.5	7	SF		2	E				
	SVTO	01	0658	0658	0703	S29	E62	9979	06	6.1	5	SF		3	E		15		
	LEAR	01	0658	0658	0706	S30	E70	9979	06	6.8	8	SF		3	E		20		
0006		01	08392	08431	0852	S22	W46	9977	05	28.9	13	SF					16		
	KANZ	01	0839	0843	0852	S22	W46	9977	05	28.9	13	SF		2	E				
	SVTO	01	0841	0844	0851	S21	W47	9977	05	28.8	10	SF		3	E		16		
0007		01	1048	10481	1058	S30	E68	9979	06	6.8	10	SF					57		H
	KANZ	01	1048	1048	1058	S29	E66	9979	06	6.6	10	SF		2	E				
	SVTO	01	1048	1049	1059	S32	E71	9979	06	7.1	11	SF		3	E		57		H
0008	KANZ	01	1203	1204	1207	S29	E62	9979	06	6.4	4	SF		2	E				
0009		01	19531	19543	2002	S20	E51	9978	06	5.7	9	SF					20		
	HOLL	01	1953	1957	2002	S19	E51	9978	06	5.7	9	SF		3	E		19		
	RAMY	01	1954	1954	2001	S20	E51	9978	06	5.7	7	SF		3	E		20		
0010	HOLL	01	2012	2012	2019	S19	E51	9978	06	5.7	7	SF		3	E		12		
0011		01	23471	23501	2359	S20	E16	9973	06	3.2	12	1F					132	2.4	F
	VORO	01	2347	2350	2359	S20	E14	9973	06	3.1	12	1F		3	C	2350	197	2.4	
	HOLL	01	2348	2351	2359	S20	E17	9973	06	3.3	11	SF		3	E		67		F
0012	SVTO	02	0431E	0431U	0445	S20	W58	9977	05	28.8	14D	SF		2	E		13		
0013		02	0813	08142	0818	S22	W59	9977	05	28.9	5	SF					10		
	KANZ	02	0813	0814	0817	S22	W58	9977	05	29.0	4	SF		2	E				
	SVTO	02	0813	0816	0818	S21	W60	9977	05	28.8	5	SF		3	E		10		
0014	SVTO	02	1007	1014	1029	S20	W61	9977	05	28.8	22	SF		3	E		48		
0015	SVTO	02	1144	1145	1155	S20	E09	9973	06	3.2	11	SF		3	E		53		F
0016		02	15573	16015	1617	N25	E16	9975	06	3.9	20	SF					48		F
	SVTO	02	1557	1601	1620	N25	E16	9975	06	3.9	23	SF		3	E		90		F
	HOLL	02	1559	1606	1618	N25	E16	9975	06	3.9	19	SF		3	E		31		F
	RAMY	02	1600	1604	1614	N25	E17	9975	06	4.0	14	SF		3	E		22		F
0017		02	1658	1659	1708	S20	E07	9973	06	3.2	10	SN					58		FH
	RAMY	02	1658	1659	1708	S19	E06	9973	06	3.2	10	SN		3	E		82		FH
	SVTO	02	1658E	1700U	1708D	S20	E08	9973	06	3.3	10D	SF		2	E		33		F
		02	1723		1751	No	Flare	Patrol											
		02	1825		1831	No	Flare	Patrol											
	02	1918		1954	No	Flare	Patrol												
	02	2019		2026	No	Flare	Patrol												
0018	HOLL	02	2036	2054	2155	S30	E50	9979	06	6.8	79	1F		3	E		194		F
0019	HOLL	02	2200	2207	2209	N24	E68	9983	06	8.2	9	SF		3	E		15		
		03	0200		0407	No	Flare	Patrol											

H α SOLAR FLARES5
Jun 02

JUNE 2002

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	(Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0020	KANZ	03	0657	0658	0659	S21	E24	9978	06	5.1	2	SF		2	E				
0021	KANZ	03	0722	0722	0728	S16	E06	9973	06	3.8	6	SF		2	E				
0022		03	0725	0727	0738	N20	E00	9975	06	3.3	13	1F					105		
	SVTO	03	0725	0727	0735	N20	E01	9975	06	3.4	10	1F		3	E		105		
	KANZ	03	0725	0728	0741	N21	W00	9975	06	3.3	16	1F		2	E				
0023	KANZ	03	0908	0908	0911	S21	E25	9978	06	5.3	3	SF		2	E				
0024	SVTO	03	1036E	1036U	1048D	S34	W72	9977	05	28.8	12D	SF		2	E		26		
		03	1146		1152	No Flare Patrol													
0025	KANZ	03	1220	1223	1235	N24	E06	9975	06	4.0	15	SF		2	E				
		03	1330		1357	No Flare Patrol													
0026		03	1443	1443	1457	S20	W80	9977	05	28.6	14	SF					28		
	SVTO	03	1443	1443	1505	S19	W81	9977	05	28.5	22	SF		3	E		27		
	HOLL	03	1445E	1445U	1449	S20	W80	9977	05	28.6	4D	SF		3	E		29		
0027	HOLL	03	1548	1548U	1615D	S13	E06	9973	06	4.1	27D	SF		3	E		18		
0028	HOLL	03	1713	1714	1721	S21	E21	9978	06	5.3	8	SF		3	E		46		
		03	2203		2228	No Flare Patrol													
		03	2313		2337	No Flare Patrol													
		03	2345		2347	No Flare Patrol													
0029	HOLL	03	2357	2359	2408	S19	E22	9978	06	5.7	11	SF		3	E		14		FH
		04	0523		0543	No Flare Patrol													
		04	0550		0706	No Flare Patrol													
0030	KANZ	04	0716E	0733	0738D	N17	E36	9985	06	7.0	22D	SF		2	E				
		04	0739		1105	No Flare Patrol													
		04	1147		1152	No Flare Patrol													
0031	KANZ	04	1155	1200	1205	N21	W16	9975	06	3.3	10	SF		2	E				
		04	1215		1233	No Flare Patrol													
0032		04	12485	1253	1310	N24	W09	9975	06	3.8	22	SF					30		F
	KANZ	04	1248	1253	1311	N24	W10	9975	06	3.8	23	SF		2	E				
	HOLL	04	1253	1253	1309	N24	W09	9975	06	3.8	16	SF		3	E		34		F
	SVTO	04	1253E	1253U	1309D	N25	W09	9975	06	3.8	16D	SF		2	E		25		
0033		04	1302	1303	1312	S16	W10	9973	06	3.8	10	SF					25		F
	HOLL	04	1302	1303	1310	S18	W09	9973	06	3.8	8	SF		3	E		25		F
	KANZ	04	1309E		1313	S15	W11	9973	06	3.7	4D	SF		2	E				
0034	HOLL	04	1613	1618	1628	S21	E07	9978	06	5.2	15	SF		3	E		25		F
0035	HOLL	04	1808	1808	1814	N22	W17	9975	06	3.4	6	SF		3	E		21		
		05	0054		0146	No Flare Patrol													
		05	0237		1211	No Flare Patrol													
		05	2101		2106	No Flare Patrol													
		05	2151		2223	No Flare Patrol													
0036	HOLL	05	2234	2235	2241	S21	W06	9978	06	5.5	7	SF		3	E		24		
		06	0805		0926	No Flare Patrol													
		06	0936		0953	No Flare Patrol													
0037	HOLL	06	1625	1626	1628	S17	E29	9987	06	8.9	3	SF		3	E		17		F

6
Jun 02

H α SOLAR FLARES

JUNE 2002

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)	
0038		06	1701	1702	1723	N22	W44	9975	06	3.3	22	1N					142		FH
	HOLL	06	1701	1702	1721	N22	W44	9975	06	3.3	20	1F		3	E		107		FH
	RAMY	06	1702E	1703U	1725	N21	W45	9975	06	3.2	23D	1N		3	E		177		FH
		07	0804		1044														
		07	1056		1113														
		07	1131		1246														
		07	1255		1349														
		07	1642		1653														
		07	1728		1734														
		07	1930		1942														
		07	2123		2141														
		07	2215		2223														
		07	2340		2400														
		08	0000		0031														
0039		08	0848	0848.1	0853	N24	W60	9975	06	3.7	5	SF					22		
	SVTO	08	0848E	0848	0854	N25	W61	9975	06	3.6	6D	SF		3	E		22		
	KANZ	08	0848	0849	0852	N24	W60	9975	06	3.7	4	SF		2	E				
0040		08	1454.2	1457.1	1505	S17	E63	9991	06	13.4	11	SF					20		
	HOLL	08	1454	1457	1507	S18	E64	9991	06	13.5	13	SF		3	E		23		
	KANZ	08	1456		1456D	S16	E62	9991	06	13.3	13D	SF		2	E				
	SVTO	08	1456	1458	1503	S18	E64	9991	06	13.5	7	SF		3	E		16		
0041	HOLL	08	2307	2309	2317	N25	W71	9975	06	3.5	10	SF		3	E		34		F
		09	0859		0900														
		09	0930		0955														
		09	1001		1014														
		09	1020		1211														
		09	1255		1557														
		09	1611		2116														
		10	0915		1229														
0042	KANZ	10	1310E		1312	S17	W24	9987	06	8.7	2D	SF		2	E				
		10	1344		1358														
		10	1411		1416														
0043	KANZ	10	1448	1449	1449	S16	W22	9987	06	8.9	1	SF		2	E				
		10	1852		1934														
0044		11	1005	1006.1	1012	S14	W38	9987	06	8.5	7	SF					19		H
	KANZ	11	1005	1006	1012	S15	W38	9987	06	8.5	7	SF		2	E				
	SVTO	11	1005	1007	1013	S13	W38	9987	06	8.5	8	SF		3	E		19		H
0045	RAMY	11	1104	1106	1111	S15	W38	9987	06	8.6	7	SF		3	E		13		F
0046		11	1147	1149	1154	S16	W38	9987	06	8.6	7	SF					31		F
	KANZ	11	1147	1149	1153	S15	W39	9987	06	8.5	6	SF		2	E				
	RAMY	11	1147	1149	1154	S16	W38	9987	06	8.6	7	SF		3	E		31		F
0047		11	1217.1	1218.1	1228	S15	W38	9987	06	8.6	11	SF					16		F
	RAMY	11	1217	1218	1232	S15	W38	9987	06	8.6	15	SF		3	E		19		F
	KANZ	11	1218	1218	1230	S15	W37	9987	06	8.7	12	SF		2	E				
	SVTO	11	1218	1219	1221	S14	W38	9987	06	8.6	3	SF		3	E		13		
0048	SVTO	11	1222	1225	1230	S14	W38	9987	06	8.6	8	SF		3	E		22		
0049	RAMY	11	1403	1405	1411	S16	W40	9987	06	8.5	8	SF		3	E		13		F
0050		11	1510	1512.3	1528	S13	W39	9987	06	8.7	18	SF					42		F
	SVTO	11	1510	1512	1532	S12	W39	9987	06	8.7	22	SF		3	E		43		F
	RAMY	11	1510	1514	1529	S14	W38	9987	06	8.8	19	SF		3	E		41		F
	KANZ	11	1510	1515	1524	S14	W39	9987	06	8.7	14	SF		2	E				
0051	RAMY	11	1911	1911	1915	N19	W64	9984	06	6.9	4	SF		3	E		38		

H α SOLAR FLARES7
Jun 02

JUNE 2002

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)	
			11 2055		2059			No Flare Patrol											
			11 2126		2226			No Flare Patrol											
			11 2255		2331			No Flare Patrol											
			11 2343		2400			No Flare Patrol											
0052	RAMY	12	1439	1440	1442	N16	W70	9985	06	7.3	3	SF		3	E			17	
0053	HOLL	12	2117	2122	2126	S24	E05	9991	06	13.3	9	SF		3	E			18	
			12 2200		2207			No Flare Patrol											
0054	KANZ	13	0644	0645	0647	S24	E00	9991	06	13.3	3	SF		2	E				
0055		13	0709	0716	0719	S22	E02	9991	06	13.4	10	SF					30		F
	KANZ	13	0709	0716	0719	S19	E02	9991	06	13.4	10	SF		2	E				
	LEAR	13	0715	0716	0719	S25	E01	9991	06	13.4	4	SF		3	E		30		F
0056		13	1128	1131	1140	S14	W68	9987	06	8.3	12	SF					15		
	SVTO	13	1128	1137	1143	S13	W69	9987	06	8.3	15	SF		3	E		20		
	RAMY	13	1131	1131	1137	S15	W67	9987	06	8.4	6	SF		3	E		10		
0057	HOLL	13	2117	2125	2128	N19	E82	10001	06	20.1	11	SF		4	E		16		
0058	HOLL	13	2206	2211	2225	N19	E81	10001	06	20.1	19	SF		3	E		20		
0059	HOLL	14	0004E	0004	0018	N19	E81	10001	06	20.2	14D	SF		3	E		37		
			14 0200		0357			No Flare Patrol											
0060	RAMY	14	1135	1201	1259	N21	E75	10001	06	20.2	84	SF		3	E		10		H
0061	RAMY	14	2137	2137	2143	N21	E71	10001	06	20.3	6	SF		3	E		19		
			14 2242		2338			No Flare Patrol											
			14 2353		2400			No Flare Patrol											
			15 0000		0001			No Flare Patrol											
			15 0028		0030			No Flare Patrol											
			15 0134		0152			No Flare Patrol											
			15 0158		0303			No Flare Patrol											
0062	KANZ	15	0902	0905U	0908	N22	E64	10001	06	20.3	6	SF		2	E				
0063	RAMY	15	1829	1830	1841	N18	E40		06	18.8	12	SF		3	E		16		
0064		15	2057	2057	2116	N00	E66	10003	06	20.8	19	SF					22		
	HOLL	15	2057E	2057U	2105D	S01	E67	10003	06	20.9	8D	SF		3	E		17		
	RAMY	15	2057	2057	2116	N01	E66	10003	06	20.8	19	SF		3	E		27		
0065	LEAR	15	2357	2359	2401	S01	E65	10003	06	20.8	4	SF		1	E		24		
0066	RAMY	16	1651	1653	1656	S23	W46	9991	06	13.1	5	SF		3	E		20		FH
0067	HOLL	16	2120	2125	2132	S23	W49	9991	06	13.1	12	SF		3	E		27		FH
0068	RAMY	17	1519	1521	1525	S25	W55	9991	06	13.4	6	SF		3	E		20		F
0069	HOLL	17	2001	2005	2019	S22	W59	9991	06	13.3	18	SF		3	E		14		FH
0070		18	1436	1438	1447	N18	E02		06	18.8	11	SF					12		FH
	KANZ	18	1436	1438U	1447	N17	E02		06	18.8	11	SF		2	E				FH
	RAMY	18	1438	1438	1447	N18	E03		06	18.8	9	SF		3	E		12		FH
0071	KANZ	20	1142	1145	1150	N11	W02	10007	06	20.3	8	SF		2	E				
			20 2306		2314			No Flare Patrol											
			20 2323		2327			No Flare Patrol											
0072	KANZ	21	0905	0905	0908	N20	W12	10001	06	20.5	3	SF		2	E				

H α SOLAR FLARES

JUNE 2002

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF		CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Area Measurement			Remarks	
						Region	Lat								Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0073	KANZ	21	0911	0912	0918	N12 E16	10005	06	22.6	7	SF		2	E					
0074	LEAR	22	0234	0236	0246	N14 E12	10005	06	23.0	12	SF		3	E		22	F		
0075	KANZ	22	0909	0913	0919	N12 E03	10005	06	22.6	10	SF		2	E					
0076	KANZ	22	1056	1102	1108	N12 E02	10005	06	22.6	12	SF		2	E					
0077	KANZ	22	1342	1343	1349	N12 E01	10005	06	22.6	7	SF		2	E					
		22	2244		2245	No Flare Patrol													
		22	2322		2336	No Flare Patrol													
0078	LEAR	23	0223	0245	0348	N13 W70	9997	06	17.8	85	2F		3	E		454	FH		
0079		23	0821	0823	0834	N14 W08	10005	06	22.7	13	1N					109	FH		
	SVTO	23	0821	0823	0834	N14 W08	10005	06	22.7	13	1N		3	E		109	FH		
	KANZ	23	0821	0823	0835	N15 W08	10005	06	22.7	14	1F		2	E			FH		
0080		23	18212	18212	1826	N12 W12	10005	06	22.9	5	SF					36	F		
	HOLL	23	1821	1821	1824	N12 W11	10005	06	22.9	3	SF		3	E		36	F		
	RAMY	23	1823	1823	1828	N12 W12	10005	06	22.9	5	SF		3	E		37	F		
0081		24	0514	05142	0542	S06 E08	10008	06	24.8	28	SF					12			
	SVTO	24	0514	0514	0549	S06 E08	10008	06	24.8	35	SF		3	E		13			
	LEAR	24	0514	0516	0535	S07 E07	10008	06	24.7	21	SF		3	E		11			
0082	HOLL	24	1806	1807	1810	S13 E04	10008	06	25.0	4	SF		3	E		13			
		24	2203		2243	No Flare Patrol													
		25	1111		1116	No Flare Patrol													
0083	RAMY	25	1514	1515	1522	S11 W09	10008	06	24.9	8	SF		3	E		25	F		
		25	2206		2219	No Flare Patrol													
0084		26	06233	06291	0648	N23 E60		06	30.9	25	SF					64	F		
	SVTO	26	0623	0630	0647	N24 E61		07	1.0	24	SF		3	E		66			
	LEAR	26	0626	0629	0649	N22 E59		06	30.8	23	SF		3	E		62	F		
		26	1029		1046	No Flare Patrol													
0085	RAMY	26	1623	1624	1626	N22 W86	10001	06	20.1	3	SF		3	E		23			
		26	2248		2335	No Flare Patrol													
0086	LEAR	27	0340	0342	0349	N11 W65	10005	06	22.3	9	SF		3	E		20			
0087		28	06283	06301	0644	S11 W44	10008	06	24.9	16	SF					18	F		
	LEAR	28	0628	0630	0646	S11 W45	10008	06	24.9	18	SF		3	E		23	F		
	SVTO	28	0631	0631	0642	S11 W44	10008	06	25.0	11	SF		3	E		13	F		
		28	2150		2226	No Flare Patrol													
		28	2239		2336	No Flare Patrol													
		29	0938		1001	No Flare Patrol													
0088	RAMY	29	1731	1732	1745	N15 W70	10018	06	24.4	14	SF		3	E		10			
		29	2137		2143	No Flare Patrol													
		29	2214		2228	No Flare Patrol													
0089	KANZ	30	0704	0705	0707	S21 W14	10017	06	29.2	3	SF		2	E					
0090	RAMY	30	1903	1903	1907	S15 E62	10019	07	5.5	4	SF		3	E		17			
0091		30	19481	19491	2004	S18 W22	10017	06	29.1	16	SF					27			
	HOLL	30	1948	1949	2000	S19 W22	10017	06	29.1	12	SF		3	E		24			
	RAMY	30	1949	1950	2008	S18 W23	10017	06	29.1	19	SF		3	E		30			
		30	2306		2339	No Flare Patrol													