Hα SOLAR FLARES

JULY 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
		01	2123		2147	No Flare Patrol													
		01	2218		2339	No Flare Patrol													
		02	1855		1904	No Flare Patrol													
		02	1922		1934	No Flare Patrol													
		02	2243		2339	No Flare Patrol													
0001	LEAR	03	0735	0741	0749	N19	E50	9525	07	7.1	14	SF		3	E		22		
		03	2213		2322	No Flare Patrol													
		03	2328		2341	No Flare Patrol													
		05	0043		0052	No Flare Patrol													
0002	LEAR	05	0054	0059	0101	N05	E34	9528	07	7.6	7	SF		3	E		24		H
		05	2048		2100	No Flare Patrol													
		05	2223		2303	No Flare Patrol													
0003	URUM	06	1157E	1157	1157D	S18	W21	9530	07	4.9	7D	SF			P		32	0.4	E
		06	2057		2323	No Flare Patrol													
		07	0031		0051	No Flare Patrol													
0004	URUM	07	0052E	0052	0052D	S19	W28	9530	07	4.9	7D	1F			P		354	4.5	E
0005	LEAR	07	0326	0332	0345	S20	W28	9530	07	5.0	19	SF		3	E		86		F
		07	0400		0452	No Flare Patrol													
		07	2243		2248	No Flare Patrol													
		07	2256		2316	No Flare Patrol													
		08	0924		0958	No Flare Patrol													
		08	1003		1009	No Flare Patrol													
		08	1011		1015	No Flare Patrol													
0006	KANZ	08	1110	1111	1113	S06	E25	9531	07	10.3	3	SF		2	E				
0007	KANZ	08	1133	1141	1156	S20	W42	9530	07	5.3	23	SF		2	E				
0008		08	13405	13482	1400	S06	E26	9531	07	10.5	20	SF					22		F
	HOLL	08	1340	1350	1403	S06	E26	9531	07	10.5	23	SF		3	E		21		
	SVTO	08	1345	1348	1358	S06	E26	9531	07	10.5	13	SF		2	E		22		F
0009	HOLL	08	1437	1438	1442	S06	E25	9531	07	10.5	5	SF		3	E		23		
0010		08	16101	16163	1634	S06	E23	9531	07	10.4	24	SF					26		F
	HOLL	08	1610	1616	1635	S06	E23	9531	07	10.4	25	SF		3	E		29		F
	RAMY	08	1611	1619	1634	S07	E23	9531	07	10.4	23	SF		3	E		22		F
0011		08	1702	17021	1709	S06	E24	9531	07	10.5	7	SF					33		F
	HOLL	08	1702	1702	1710	S06	E24	9531	07	10.5	8	SF		3	E		36		
	RAMY	08	1702	1703	1708	S07	E24	9531	07	10.5	6	SF		3	E		30		F
		08	1947		2000	No Flare Patrol													
		08	2009		2018	No Flare Patrol													
		08	2124		2349	No Flare Patrol													
		09	0000		0015	No Flare Patrol													
0012	LEAR	09	0034	0043	0117	S08	E20	9531	07	10.5	43	SF		3	E		26		F
0013		09	07372	07373	0747	S06	E16	9531	07	10.5	10	SF					15		F
	LEAR	09	0737	0737	0745	S06	E16	9531	07	10.5	8	SF		3	E		13		F
	SVTO	09	0739	0740	0749	S05	E16	9531	07	10.5	10	SF		3	E		17		F
0014		09	0838	08405	0902	S06	E14	9531	07	10.4	24	SF					18		F
	LEAR	09	0838	0840	0903	S06	E15	9531	07	10.5	25	SF		2	E		17		F
	SVTO	09	0838	0845	0902	S05	E14	9531	07	10.4	24	SF		3	E		18		F
0015	KHAR	09	0955U		1005	S05	E19	9531	07	10.8	10U	SF		2	P	1000	30		DH

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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
0016		09	1025	10252	1031	S06	E18	9531	07	10.8	6	SF					31		DFHO
	SVTO	09	1025	1025	1030	S06	E16	9531	07	10.6	5	SF		3	E		17		F
	KHAR	09	1025	1027	1032	S05	E19	9531	07	10.9	7	SF		2	P	1025	45		HOD
0017	KHAR	09	1145		1200	S05	E13	9531	07	10.5	15	SF		2	P				D
0018	KHAR	09	1202		1215	N20	E90	9544	07	16.4	13	SF		2	V				D
0019		09	12451	12501	1304	S06	E12	9531	07	10.4	19	SF					26		F
	SVTO	09	1245	1251	1306	S06	E13	9531	07	10.5	21	SF		3	E		36		F
	RAMY	09	1246	1250	1302	S07	E12	9531	07	10.4	16	SF		3	E		16		F
		09	2148		2204	No Flare Patrol													
		09	2217		2225	No Flare Patrol													
		09	2259		2336	No Flare Patrol													
0020		10	07094	07094	0720	S07	E06	9531	07	10.7	11	SF					20		FH
	LEAR	10	0709	0709	0719	S07	E05	9531	07	10.7	10	SF		3	E		20		FH
	SVTO	10	0713	0713	0721	S07	E06	9531	07	10.7	8	SF		3	E		19		F
		10	2112		2334	No Flare Patrol													
0021	LEAR	11	0046	0047	0050	S07	W10	9531	07	10.3	4	SF		3	E		17		F
		11	1844		1848	No Flare Patrol													
		11	2143		2154	No Flare Patrol													
		11	2202		2209	No Flare Patrol													
		11	2213		2334	No Flare Patrol													
		12	0017		0038	No Flare Patrol													
0022	HOLL	12	2248	2248	2251	S19	E27	9539	07	15.0	3	SF		3	E		13		F
0023		13	0750	0750	0756	S10	W16	9533	07	12.1	6	SF					18		F
	SVTO	13	0750	0750	0756	S08	W17	9533	07	12.0	6	SF		3	E		16		F
	LEAR	13	0750	0750	0757	S11	W15	9533	07	12.2	7	SF		3	E		20		F
0024	HOLL	13	2318	2319	2323	N16	E69	9541	07	19.2	5	SF		3	E		11		
0025	HOLL	13	2326	2328	2330	N16	E68	9541	07	19.1	4	SF		3	E		21		
0026		14	04252	04292	0440	S17	E06	9539	07	14.6	15	SF					41		F
	LEAR	14	0425	0429	0443	S17	E05	9539	07	14.6	18	SF		3	E		59		F
	SVTO	14	0427	0431	0438	S17	E06	9539	07	14.6	11	SF		3	E		23		F
0027	LEAR	14	0512	0513	0542	S17	E06	9539	07	14.7	30	SF		2	E		28		F
0028	KANZ	14	0822E		0822D	S12	W31	9533	07	12.0	30D	SF		2	E				
0029	KHAR	14	0930E		0937	S11	W30	9533	07	12.1	7D	SF		2	P	0935	35		EO
0030	KHAR	14	1012U	1013	1022	S14	W85		07	8.0	10U	SN		2	P	1014	40		H
0031	KHAR	14	1111	1112	1123	S17	E07	9539	07	15.0	12	SF		2	V				D
0032	KHAR	14	1158U	1201U	1206	S16	E12	9539	07	15.4	8U	SF		2	V				D
0033	KANZ	14	1251	1253	1255	N12	E35	9534	07	17.2	4	SF		2	E				
0034	KANZ	14	1306E	1306U	1315	N12	E05	9536	07	14.9	9D	SF		2	E				
0035	HOLL	14	1733	1758	1808	S19	E01	9539	07	14.8	35	SF		3	E		22		F
0036	HOLL	14	1848	1849	1853	N18	E59	9541	07	19.3	5	SF		3	E		19		
0037	HOLL	14	1901	1905	1923	S17	E04	9539	07	15.1	22	SF		3	E		18		F
0038	HOLL	14	1953	2001	2013	S19	E04	9539	07	15.1	20	SF		3	E		22		F
0039	HOLL	14	2126	2141	2152	S19	W02	9539	07	14.7	26	SF		3	E		77		F

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0040	HOLL	14	2208	2209	2215	N07	E80	9542	07	20.9	7	SF		3	E		14		
0041		15	00091	00237	0106	S19	W04	9539	07	14.7	57	1F					73		F
	LEAR	15	0009	0023	0108	S19	W05	9539	07	14.6	59	1F		3	E		103		F
	HOLL	15	0010	0030	0104	S19	W03	9539	07	14.8	54	SF		3	E		43		F
0042		15	05051	05061	0510	S26	E88	9543	07	22.0	5	SF					53		
	LEAR	15	0505	0507	0512	S24	E88	9543	07	22.0	7	SF		3	E		67		
	SVTO	15	0506	0506	0509	S27	E88	9543	07	22.1	3	SF		3	E		39		
0043		15	06455	06521	0716	S19	W08	9539	07	14.7	31	SF					30	0.3	DF
	SVTO	15	0645	0652	0718	S18	W09	9539	07	14.6	33	SF		3	E		38		F
	LEAR	15	0645	0652	0721	S19	W08	9539	07	14.7	36	SF		3	E		24		F
	KANZ	15	0645	0653U	0722	S19	W07	9539	07	14.7	37	SF		2	E				
	MITK	15	0650	0653	0701	S19	W07	9539	09	14.7	11	SN			C	0653	28	0.3	D
0044	MITK	15	0714	0715	0717	S19	W07	9539	07	14.8	3	SN			C	0715	49	0.6	D
0045	SVTO	15	0735	0736	0801	S18	W10	9539	07	14.5	26	SF		3	E		20		F
0046	KHAR	15	0810E		0816	S18	W06	9539	07	14.9	6D	SF		2	P	0812	25		D
0047	KHAR	15	0935U	0936	0940	S17	W03	9539	07	15.2	5U	SF		2	V				D
0048	KHAR	15	1018		1040U	S18	W07	9539	07	14.9	22U	SF		2	V				
0049	KHAR	15	1039		1048D	S18	E79	9546	07	21.4	9D	SF		2	V				D
0050	KANZ	15	1135	1139	1144D	N15	E22	9540	07	17.1	9D	SF		2	E				
0051		15	13526	14026	1430	S18	W11	9539	07	14.7	38	SF					64		F
	HOLL	15	1352	1408	1435	S19	W10	9539	07	14.8	43	SF		3	E		92		F
	KANZ	15	1354	1403	1428	S19	W10	9539	07	14.8	34	SF		2	E				
	SVTO	15	1358	1402	1431	S18	W12	9539	07	14.7	33	SF		3	E		51		F
	RAMY	15	1358	1403	1425	S18	W11	9539	07	14.7	27	SF		3	E		48		F
0052	HOLL	15	1435	1444	1448	S25	E79	9543	07	21.7	13	SF		3	E		21		
0053	HOLL	15	2038	2044	2051	S09	W50	9533	07	12.1	13	SF		3	E		15		F
		15	2103		2240	No Flare Patrol													
		15	2318		2325	No Flare Patrol													
0054		16	0306*	0319	0340	S19	W19	9539	07	14.7	34	1B					254	3.4	EF
	URUM	16	0306	0319	0335	S19	W19	9539	07	14.7	29	1B			C		241	2.9	E
	LEAR	16	0316	0319	0349	S18	W20	9539	07	14.6	33	1N		3	E		205		FE
	MITK	16	0317	0319	0337	S19	W18	9539	09	14.8	20	1B			C	0319	317	3.8	E
0055		16	0624*	06307	0649	S19	W16	9539	07	15.0	25	SN					46	0.8	DEFH
	URUM	16	0624	0630	0631D	S19	W15	9539	07	15.1	7D	SN			P		113	1.3	E
	LEAR	16	0630	0636	0657	S19	W17	9539	07	15.0	27	SF		3	E		25		F
	SVTO	16	0631	0637	0651	S19	W17	9539	07	15.0	20	SF		3	E		31		H
	MITK	16	0635	0637	0639	S20	W16	9539	09	15.0	4	SN			C	0637	14	0.2	D
0056	URUM	16	0704E	0704	0704D	N10	W21	9536	07	14.7	4D	1N			P		273	3.0	E
0057	LEAR	16	0708	0708	0718	S09	W54	9533	07	12.2	10	SF		3	E		19		
0058	KHAR	16	0858	0858	0908	N19	E09	9540	07	17.1	10	SF		2	V				E
0059		16	08435	08522	0904	S18	W22	9539	07	14.7	21	SF					38		EF
	LEAR	16	0843	0852	0905	S18	W22	9539	07	14.7	22	SF		3	E		48		F
	SVTO	16	0848	0854	0902	S18	W23	9539	07	14.6	14	SF		3	E		27		F
	KHAR	16	0850E		0905	S19	W21	9539	07	14.8	15D	SF		2	V				E
0060	URUM	16	0906	0912	0912D	S17	W23	9539	07	14.6	6D	2N			P		450	5.4	E
0061		16	09182	09194	0932	N10	E30	9545	07	18.6	14	SF					18		FU
	LEAR	16	0918	0919	0935	N10	E30	9545	07	18.6	17	SF		3	E		14		UF
	SVTO	16	0920	0923	0929	N09	E30	9545	07	18.6	9	SF		3	E		21		UF

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0062	KHAR	16	0919		0935	N16	E32	9538	07	18.8	16	SN		2	V				E
0063	KHAR	16	0958		1015	N16	E31	9538	07	18.8	17	SF		2	V				E
		16	1031		1039	No Flare Patrol													
0064	KHAR	16	1040		1045	S12	W55	9533	07	12.3	5	SF		2	V				D
0065		16	1030	1041U	1052	S18	W21	9539	07	14.8	22	1F					13		EF
	KHAR	16	1030		1059	S18	W20	9539	07	14.9	29	1F		2	V				E
	SVTO	16	1041E	1041U	1046	S17	W22	9539	07	14.8	5D	SF		3	E		13		F
0066	RAMY	16	1343	1345	1429	S20	W26	9539	07	14.6	46	SF		3	E		40		F
0067	RAMY	16	1453	1459	1513	S18	W25	9539	07	14.7	20	SF		3	E		43		F
0068	RAMY	16	1606E	1606	1623	N09	E27	9545	07	18.7	17D	SF		3	E		16		F
0069	HOLL	16	1726	1732	1752	S18	W22	9539	07	15.0	26	SF		3	E		21		F
		16	1736		1821	No Flare Patrol													
		16	2059		2224	No Flare Patrol													
0070	HOLL	16	2206	2226U	2235	N09	E23	9545	07	18.6	29	SF		3	E		18		
0071	HOLL	16	2337	2338U	2354	S25	E59	9543	07	21.5	17	SF		3	E		14		
0072	LEAR	17	0005	0007	0012	S26	E58	9543	07	21.5	7	SF		3	E		19		
0073		17	0728	07301	0739	S26	E55	9543	07	21.6	11	SF					58		F
	LEAR	17	0728	0730	0742	S26	E56	9543	07	21.7	14	SF		3	E		72		F
	SVTO	17	0728	0731	0736	S25	E54	9543	07	21.5	8	SF		2	E		44		F
0074	KHAR	17	1002E	1004U	1014	N06	W16	9535	07	16.2	12D	SF		2	P	1006	45		DH
0075		17	10201	10218	1036	S18	W36	9539	07	14.7	16	SN					133	4.4	EHO
	KHAR	17	1020	1021	1036	S21	W35	9539	07	14.8	16	SN		2	P	1024	30		HO
	SVTO	17	1021	1024	1037	S18	W37	9539	07	14.6	16	SF		3	E		49		H
	URUM	17	1029E	1029	1029D	S15	W36	9539	07	14.7	16D	1B			P		321	4.4	E
0076		17	14111	14121	1422	S20	W36	9539	07	14.8	11	SF					17		FH
	RAMY	17	1411	1413	1422	S21	W35	9539	07	14.9	11	SF		3	E		23		FH
	SVTO	17	1412	1412	1421	S20	W36	9539	07	14.8	9	SF		3	E		11		H
0077	HOLL	17	1926	1926	1931	S18	W41	9539	07	14.7	5	SF		3	E		21		F
		17	2158		2205	No Flare Patrol													
		17	2229		2246	No Flare Patrol													
		17	2255		2302	No Flare Patrol													
		17	2307		2326	No Flare Patrol													
0078		18	00202	00236	0037	N09	E07	9545	07	18.5	17	SF					94	2.5	EF
	HOLL	18	0020	0029	0040D	N10	E07	9545	07	18.5	20D	SF		3	E		24		F
	LEAR	18	0022	0024	0037	N09	E07	9545	07	18.5	15	SF		3	E		18		F
	URUM	18	0023E	0023	0023D	N08	E06	9545	07	18.5	15D	1N			P		241	2.5	E
0079		18	0530	0532	0542	N10	E04	9545	07	18.5	12	SF					24		H
	LEAR	18	0530	0532	0541	N09	E04	9545	07	18.5	11	SF		3	E		24		
	SVTO	18	0530	0532	0542	N10	E03	9545	07	18.4	12	SF		3	E		23		H
0080	RAMY	18	1213	1214	1218	N16	E57	9548	07	22.8	5	SF		3	E		15		
0081	HOLL	18	2003	2005	2012	S18	E33	9546	07	21.3	9	SF		3	E		12		
		18	2101		2118	No Flare Patrol													
0082		18	21358	21412	2154	S17	E34	9546	07	21.5	19	SF					23		EF
	HOLL	18	2135	2141	2154	S17	E32	9546	07	21.3	19	SF		3	E		26		FE
	RAMY	18	2143	2143	2153	S17	E35	9546	07	21.6	10	SF		3	E		20		

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0083	HOLL	18	2154	2156	2202	S18	E31	9546	07 21.3	8	SF		3	E		12		F
		18	2211		2213	No Flare Patrol												
		18	2256		2327	No Flare Patrol												
0084	URUM	19	0436E	0436	0501	N13	W72	9551	07 13.7	25D	1N			P		96		E
0085	URUM	19	0436E	0436	0436D	N06	W21	9535	07 17.6	25D	1N			P		370	4.1	E
0086	URUM	19	0501	0506	0530	N19	W29	9540	07 17.0	29	SN			C		113	1.4	E
0087	SVTO	19	0625	0626	0631	N09	E21	9542	07 20.8	6	SF		3	E		10		
0088	URUM	19	0952	0956U	1016	S05	W48	9537	07 15.8	24	2B			C		450	7.1	E
0089	SVTO	19	0956	0959	1053	S08	W62	9537	07 14.8	57	1B		3	E		189		U
0090	KHAR	19	0956	0958	1015D	S22	W59	9539	07 14.9	19D	1N		2	P	1005	180		ELO
0091	URUM	19	1051E	1051	1051D	S05	W48	9537	07 15.9	19D	2N			P		354	5.6	E
0092	KHAR	19	1105E		1115	S12	W62	9537	07 14.8	10D	SF		2	P	1108	40		HO
0093	KHAR	19	1121	1123	1127	N07	W70	9536	07 14.2	6	SF		2	V				D
0094	HOLL	19	1435	1442	1455	S18	E23	9546	07 21.3	20	SF		3	E		34		F
0095	HOLL	19	1858	1859	1918	S23	E27	9543	07 21.9	20	SF		4	E		25		F
0096	HOLL	19	2343	2345	2349D	S18	E18	9546	07 21.3	6D	SF		3	E		37		
0097	LEAR	20	0024	0025	0035	N08	E11	9542	07 20.8	11	SF		3	E		17		F
		20	1847		1918	No Flare Patrol												
		20	1949		2002	No Flare Patrol												
0098	HOLL	20	2101	2114	2132	S21	E11	9543	07 21.7	31	SF		3	E		79		F
		20	2226		2400	No Flare Patrol												
		21	0000		0107	No Flare Patrol												
0099	URUM	21	0323E	0323	0323D	S23	W15		07 20.0	31D	SF			P		32	0.4	E
0100	LEAR	21	0518	0519	0552	S22	E06	9543	07 21.7	34	SF		3	E		16		F
0101	LEAR	21	0714	0717	0749	N21	W29	9541	07 19.1	35	SF		3	E		18		F
0102	LEAR	21	0900	0905	0932D	S22	E03	9543	07 21.6	32D	SF		3	E		32		F
		21	0933		1029	No Flare Patrol												
		21	1051		1059	No Flare Patrol												
0103	HOLL	21	1310	1310	1313	N10	W37	9538	07 18.8	3	SF		3	E		13		
		21	2228		2251	No Flare Patrol												
		21	2257		2400	No Flare Patrol												
		22	0000		0005	No Flare Patrol												
		22	0011		0027	No Flare Patrol												
		22	0033		0048	No Flare Patrol												
		22	0057		0122	No Flare Patrol												
0104	URUM	22	0144E	0144	0148	N09	W44	9545	07 18.8	4D	SN			P		32	0.5	D
0105	KHAR	22	1046	1047	1125	S03	E85	9555	07 28.8	39	SF		2	V				D
0106	KANZ	22	1058	1058	1059D	S24	W16	9543	07 21.2	1D	SF		2	E				
0107	KHAR	22	1139	1144	1200D	S03	E88	9555	07 29.1	21D	SF		2	V				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
0108	KANZ	22	1358	1359	1401	S24	W17	9543	07 21.3	3	SF		2	E				
0109		22	1425	1425*	1446	S20	W15	9543	07 21.4	21	SF					20		FHU
	RAMY	22	1425	1425	1444	S20	W15	9543	07 21.4	19	SF		3	E		10		F
	SVTO	22	1425	1436	1448	S19	W15	9543	07 21.4	23	SF		3	E		29		UH
		22	2106		2115	No Flare Patrol												
		22	2137		2147	No Flare Patrol												
		22	2201		2204	No Flare Patrol												
		22	2217		2223	No Flare Patrol												
0110	URUM	23	0151	0155	0210	S25	W27	9543	07 21.0	19	1N			C		193	2.6	E
0111	SVTO	23	0621	0623	0627	N10	W65	9545	07 18.4	6	SF		3	E		78		
0112	URUM	23	0705	0710	0714	N07	W33	9550	07 20.8	9	SN			C		113	1.4	D
0113	URUM	23	0801	0805	0809	S22	W29	9543	07 21.1	8	SN			C		129	1.7	E
0114		23	1312	1312	1315	N10	W70	9545	07 18.3	3	SF					20		H
	SVTO	23	1312	1312	1315	N11	W69	9545	07 18.3	3	SF		3	E		22		
	RAMY	23	1312	1312	1315	N09	W70	9545	07 18.3	3	SF		3	E		19		H
0115	HOLL	23	1829	1829	1832	S21	W28	9543	07 21.6	3	SF		3	E		14		F
0116		23	22354	22402	2252	S19	W32	9543	07 21.5	17	SN					72	0.2	F
	VORO	23	2235	2240	2256	S18	W33	9543	07 21.3	21	SN		3	C	2240	125	1.7	
	HOLL	23	2239	2242	2248	S20	W31	9543	07 21.6	9	SF		3	E		19		F
0117	URUM	24	0041	0045	0049	S17	W13		07 23.0	8	SN			C		113	1.3	E
0118		24	0503*	05079	0520	S20	W35	9543	07 21.5	17	SF					34		F
	LEAR	24	0503	0507	0522	S19	W34	9543	07 21.6	19	SF		3	E		55		F
	SVTO	24	0516	0516	0519	S20	W36	9543	07 21.5	3	SF		3	E		12		F
0119	LEAR	24	0801	0802	0806	N07	W76	9545	07 18.6	5	SF		3	E		13		
0120		24	0924*	0927	0938	S19	W39	9543	07 21.4	14	SF					45		FHO
	LEAR	24	0924	0927	0935	S18	W40	9543	07 21.3	11	SF		3	E		56		F
	SVTO	24	0925	0927	0933	S18	W39	9543	07 21.4	8	SF		3	E		24		F
	KHAR	24	0937		0946	S20	W37	9543	07 21.6	9	SF		2	P	0937	55		HO
0121		24	19451	1946	1952	N12	E24	9553	07 26.6	7	SF					16		
	RAMY	24	1945	1946	2136D	N12	E24	9553	07 26.6	111D	SF		3	E		16		
	HOLL	24	1946	1946	1952	N13	E23	9553	07 26.5	6	SF		3	E		15		
		24	2229		2239	No Flare Patrol												
		24	2308		2339	No Flare Patrol												
0122	LEAR	25	0208	0211	0214	S21	W49	9543	07 21.3	6	SF		2	E		10		F
0123	KHAR	25	0900E	0900	0916	N05	W90	9545	07 18.6	16D	SF		2	P	0910	20		D
0124	LEAR	25	0927	0928	0932	S22	W50	9543	07 21.5	5	SF		3	E		43		
0125	KHAR	25	1007	1008	1023	N05	W90	9545	07 18.7	16	SN		2	V				DH
0126	KHAR	25	1110	1112	1117	N07	W90	9545	07 18.7	7	SF		2	V				DH
		26	1008		1014	No Flare Patrol												
		26	1810		1839	No Flare Patrol												
		26	1853		1928	No Flare Patrol												
		26	2115		2329	No Flare Patrol												
0127	URUM	27	0143	0151	0159	S23	W63	9543	07 22.2	16	1N			C		225		E
0128		27	0205	02064	0214	S23	W65	9543	07 22.1	9	1N					64		EF
	LEAR	27	0205	0206	0210	S23	W67	9543	07 21.9	5	SF		3	E		15		F
	URUM	27	0210E	0210	0218	S23	W63	9543	07 22.2	8D	1N			P		113		E

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
		27	0817		0826	No Flare Patrol													
		27	0828		0849	No Flare Patrol													
		27	0851		0906	No Flare Patrol													
		27	0908		0915	No Flare Patrol													
		27	0920		0932	No Flare Patrol													
		27	0934		0949	No Flare Patrol													
		27	1906		1931	No Flare Patrol													
		27	1948		2400	No Flare Patrol													
		28	0000		0027	No Flare Patrol													
		28	0041		0049	No Flare Patrol													
0129	URUM	28	0050E	0050	0116	S10	W80		07	22.0	26D	2N			P		241		A
0130	KHAR	28	0945E	0945	1005	S17	E62	9557	08	2.1	20D	SF		2	P	1002	35		
		28	2113		2334	No Flare Patrol													
		29	0059		0103	No Flare Patrol													
0131		29	06101	0612	0622	S20	E44	9557	08	1.6	12	SF					26		F
	LEAR	29	0610	0612	0624	S20	E43	9557	08	1.5	14	SF		3	E		30		F
	SVTO	29	0611	0612	0621	S21	E46	9557	08	1.8	10	SF		3	E		22		F
0132	KHAR	29	1015		1021	S15	E38	9557	08	1.3	6	SF		2	V				
		29	2038		2051	No Flare Patrol													
		29	2101		2110	No Flare Patrol													
		30	1735		2131	No Flare Patrol													
		30	2139		2245	No Flare Patrol													
		30	2255		2342	No Flare Patrol													
0133	HOLL	31	0116	0116	0121	S22	E26	9557	08	2.0	5	SF		3	E		12		F
		31	0941		0950	No Flare Patrol													
		31	0957		1008	No Flare Patrol													
		31	1036		1102	No Flare Patrol													
		31	1104		1111	No Flare Patrol													
0134		31	12011	1211	1222	S12	E57	9561	08	4.8	21	SF					22		FH
	SVTO	31	1201	1211	1222	S12	E58	9561	08	4.9	21	SF		3	E		22		FH
	KANZ	31	1202	1211	1217D	S13	E56	9561	08	4.7	15D	SF		2	E				
0135		31	1640*	1641*	1654	S20	E12	9557	08	1.6	14	SF					28		
	KANZ	31	1640	1641	1652	S19	E10	9557	08	1.4	12	SF		2	E				
	RAMY	31	1652	1653	1655	S20	E13	9557	08	1.7	3	SF		3	E		28		
0136		31	1713*	17194	1732	S12	E54	9561	08	4.8	19	SF					42		F
	RAMY	31	1713	1719	1731	S12	E53	9561	08	4.7	18	SF		3	E		47		F
	HOLL	31	1723	1723	1734	S13	E55	9561	08	4.9	11	SF		3	E		37		
0137	HOLL	31	1810	1816	1825	N03	E56	9562	08	4.9	15	SF		3	E		30		
		31	1930		2058	No Flare Patrol													
		31	2135		2150	No Flare Patrol													
		31	2202		2319	No Flare Patrol													