

JANUARY 2000

Grp #	Sta	Start Day	Max (UT)	End (UT)	Lat	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)	
		01 1038		1058		No Flare Patrol											
		01 1121		1143		No Flare Patrol											
0001		01 2015	2017	2023	N10 E33	8814	01	4.3	8	SF				54			F
	HOLL	01 2015	2017	2023	N11 E32	8814	01	4.2	8	SF		3	E	70			F
	RAMY	01 2016E	2017U	2023	N10 E34	8814	01	4.4	7D	SF		2	E	38			
		02 0333		0338		No Flare Patrol											
0002	HOLL	02 1945	1946	1950	S17 E10	8813	01	3.6	5	SF		3	E	14			F
		02 2059		2159		No Flare Patrol											
0003		02 2224	2230	2237	S15 E02	8813	01	3.1	13	SF				38			E
	HOLL	02 2224	2230	2305D	S15 E02	8813	01	3.1	41D	SF		2	E	38			
	LEAR	02 2230E	2230U	2237	S15 E03	8813	01	3.2	7D	SF		3	E	37			E
0004	LEAR	03 0416	0419	0456	N08 E34	8815	01	5.7	40	SF		4	E	57			E
0005	LEAR	03 0557	0559	0606	N27 W52	8809	12	30.3	9	SF		3	E	26			
0006	KANZ	03 1046	1046	1050	N26 W54	8809	12	30.3	4	SF		2	C				
		03 2121		2139		No Flare Patrol											
		04 0011		0013		No Flare Patrol											
		04 0704		0732		No Flare Patrol											
0007		04 11102	1114	1122	N37 W44	8810	12	31.9	12	SF				17			FH
	KANZ	04 1110	1114	1122	N36 W45	8810	12	31.8	12	SF		2	C				
	SVTO	04 1112	1112U	1121	N38 W44	8810	12	31.9	9	SF		3	E	17			FH
0008	HOLL	04 1428	1428U	1448	N35 W46	8810	12	31.9	20	SF		3	E	52			
		05 0002		0056		No Flare Patrol											
		05 0626		0715		No Flare Patrol											
		05 1109		1115		No Flare Patrol											
		05 1358		1405		No Flare Patrol											
0009	LEAR	06 0648	0650	0721	N24 W35	8816	01	3.6	33	1N		3	E	105			
0010	URUM	06 0758	0801	0835	N19 W33	8816	01	3.8	37	SN			C	96	1.3		E
0011		06 0849	08493	0854	N10 W11	8815	01	5.5	5	SF				113	1.2		E
	KANZ	06 0849	0849	0853	N10 W11	8815	01	5.5	4	SF		2	C				
	URUM	06 0852E	0852	0856	N11 W11	8815	01	5.5	4D	SF			P	113	1.2		E
0012	KANZ	06 1114	1122	1134	N19 W36	8816	01	3.7	20	SF		2	C				
		06 1516		1538		No Flare Patrol											
		06 1557		1626		No Flare Patrol											
		06 1843		1909		No Flare Patrol											
0013	HOLL	06 2250	2251	2253	N20 W43	8816	01	3.7	3	SF		3	E	15			
0014	URUM	07 0425E	0425	0430	N09 W27	8819	01	5.1	5D	SB			P	96	1.1		D
0015	URUM	07 0740	0744	0800	N10 W30	8819	01	5.1	20	SN			C	80	1.0		E
0016		07 09281	09311	0942	N08 W30	8819	01	5.1	14	SF				35			
	LEAR	07 0928	0932	0943	N09 W31	8819	01	5.1	15	SF		3	E	35			
	KANZ	07 0929	0931	0941	N08 W30	8819	01	5.1	12	SF		2	C				
0017		07 1149	1149	1201	N09 W32	8819	01	5.1	12	SF				27			
	KANZ	07 1149	1149	1201	N09 W31	8819	01	5.2	12	SF		2	C				
	RAMY	07 1150E	1150U	1206D	N09 W32	8819	01	5.1	16D	SF		2	E	27			
0018	KANZ	07 1305	1305	1325	N09 W32	8819	01	5.1	20	SF		2	C				
0019	RAMY	07 1354	1355	1410	N09 W33	8819	01	5.1	16	SF		3	E	20			



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Grp #	Sta	Start Day	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)	
		10	1219	1343	No Flare Patrol												
0042	RAMY	10	1343E	1344	1428	S13	E69 8824	01	15.8	45D	2N	3	E		285		HU
0043	HOLL	10	1536	1543	1603	S13	E63 8824	01	15.4	27	SF	3	E		90		
0044	HOLL	10	1644	1644	1653	S13	E68 8824	01	15.8	9	SF	3	E		19		
0045	HOLL	10	1855	1902	1912	S12	E68 8824	01	15.9	17	SF	3	E		27		
0046	LEAR	11	0110E	0118U	0150D	S12	E58 8824	01	15.4	40D	SF	3	E		78		FH
		11	0133	0147	No Flare Patrol												
		11	0200	0205	No Flare Patrol												
		11	0311	0338	No Flare Patrol												
0047	MITK	11	0403	0404	0405	S13	E58 8824	01	15.5	2	SN		C	0404	7	0.1	D
0048	LEAR	11	0708	0710	0715	N18	W12 8826	01	10.4	7	SF	3	E		11		
0049	URUM	11	0830	0835	0843	N17	W13 8826	01	10.4	13	SN		C		177	2.0	E
0050		11	09454	09491	1005	S12	E56 8824	01	15.6	20	SF				30		F
	LEAR	11	0945	0949	1005	S13	E56 8824	01	15.6	20	SF	3	E		41		
	SVTO	11	0949	0950	0958D	S10	E55 8824	01	15.5	9D	SF	2	E		19		F
		11	1057	1124	No Flare Patrol												
		11	1129	1156	No Flare Patrol												
		11	1220	1233	No Flare Patrol												
		11	1259	1313	No Flare Patrol												
		11	1344	1421	No Flare Patrol												
0051	HOLL	11	1515	1516	1535	S11	E57 8824	01	15.9	20	SF	3	E		63		F
0052	HOLL	11	1642	1644	1648	S13	E57 8824	01	16.0	6	SF	3	E		22		F
0053	HOLL	11	1654	1656	1659	S12	E57 8824	01	16.0	5	SF	3	E		13		
0054	HOLL	11	1815	1819	1824	S12	E55 8824	01	15.9	9	SF	3	E		16		F
0055	HOLL	11	1923	1927	1941	S12	E55 8824	01	15.9	18	SF	3	E		22		F
0056		11	20397	20471	2120	S14	E54 8824	01	15.9	41	SF				34		F
	HOLL	11	2039	2048	2145	S13	E55 8824	01	16.0	66	SF	3	E		48		
	RAMY	11	2046	2047	2056	S15	E53 8824	01	15.9	10	SF	4	E		21		F
0057	RAMY	11	2102	2104	2124	S14	E53 8824	01	15.9	22	SF	4	E		31		F
0058	HOLL	11	2148	2148	2151	N12	E89 8829	01	18.6	3	SF	3	E		14		
0059	LEAR	12	0019	0022	0047	S12	E47 8824	01	15.5	28	1F	4	E		100		FH
0060	LEAR	12	0135	0136	0150	N13	E81 8829	01	18.2	15	SF	3	E		74		
0061	LEAR	12	0151	0151	0154	N12	E89 8829	01	18.8	3	SF	3	E		16		
0062	LEAR	12	0351	0404	0415	S15	E47 8824	01	15.7	24	SF	3	E		63		
0063	URUM	12	0647	0651	0703	S03	W23		10.6	16	SN		C		80	0.9	E
0064	LEAR	12	0652	0653	0657	S11	W23 8827	01	10.5	5	SF	3	E		16		F
0065	LEAR	12	0749	0749	0754	S13	W26 8827	01	10.4	5	SF	3	E		14		
0066	URUM	12	0823E	0823	0836	S11	E42 8824	01	15.5	13D	SN		P		64	0.9	E
		12	1014	1137	No Flare Patrol												
0067	SVTO	12	1135E	1142U	1157	S19	E52 8828	01	16.4	22D	SF	3	E		53		FH



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															Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
	14	2118			2153		No Flare Patrol											
	14	2157			2226		No Flare Patrol											
	14	2331			2339		No Flare Patrol											
	15	0003			0023		No Flare Patrol											
0091	LEAR	15	0159	0159	0204	S12 W61	8827	01	10.5	5	SF		3	E		63		
0092	LEAR	15	0218	0222	0227	S13 W62	8827	01	10.4	9	SF		3	E		40		
0093	15	1029	1033	1037	S13 W65	8827	01	10.5	8	SF						39		
	LEAR	15	1029E	1032U	1033D	S12 W67	8827	01	10.4	4D	SF		2	E		39		
	KANZ	15	1029	1033	1037	S14 W63	8827	01	10.7	8	SF		2	C				
0094	KANZ	15	1153	1201	1245	S15 W64	8827	01	10.6	52	SF		2	C				
	15	1416			1421		No Flare Patrol											
0095	HOLL	15	1624	1624	1630	S13 W71	8827	01	10.3	6	SF		3	E		26		
0096	RAMY	15	1910	1910	1926D	N13 E26	8829	01	17.8	16D	SF		3	E		15		
0097	HOLL	15	2011	2015	2027	S13 W07	8824	01	15.3	16	SF		3	E		45		
0098	HOLL	15	2223	2224	2229	S13 W08	8824	01	15.3	6	SF		3	E		20		
	16	0109			0120		No Flare Patrol											
0099	LEAR	16	0547	0548	0556D	S20 E39	8831	01	19.2	9D	SF		3	E		28		
0100	LEAR	16	0824	0829	0833	S14 W78	8827	01	10.4	9	SF		3	E		11		
0101	HOLL	16	1626	1627	1636	S13 W14	8824	01	15.6	10	SF		3	E		24		F
0102	HOLL	16	1646	1648	1654	N19 E11	8829	01	17.5	8	SF		3	E		19		F
0103	16	1945	1945	1950	N18 E10	8829	01	17.6	5	SF						25		
	HOLL	16	1945	1945	1950	N18 E10	8829	01	17.6	5	SF		3	E		33		
	RAMY	16	1945	1946	1949	N17 E09	8829	01	17.5	4	SF		2	E		17		
0104	HOLL	16	2021	2023	2037	S16 W16	8824	01	15.6	16	SF		3	E		27		F
0105	HOLL	16	2022	2023	2027	S19 W41	8832	01	13.7	5	SF		3	E		16		
0106	17	04476	04572	0508	S17 W45	8832	01	13.8	21	1N						94	2.3	E
	URUM	17	0447	0459	0514	S16 W44	8832	01	13.9	27	1N			C		161	2.3	E
	LEAR	17	0453	0457	0501	S18 W46	8832	01	13.7	8	SF		4	E		27		
0107	URUM	17	0530E	0530	0545	S17 W18	8824	01	15.9	15D	SF			P		80	0.9	E
0108	LEAR	17	0615	0617	0629	S34 W41	8823	01	14.0	14	SF		3	E		38		
0109	17	0948	0948	0954	S18 E16	8831	01	18.6	6	SF						25		
	KANZ	17	0948	0948	0952	S17 E16	8831	01	18.6	4	SF		2	C				
	LEAR	17	0948	0949	0955	S18 E15	8831	01	18.5	7	SF		3	E		25		
0110	KANZ	17	1140	1140	1144	S15 W41	8830	01	14.4	4	SF		2	C				
	17	1149			1204		No Flare Patrol											
	17	1206			1323		No Flare Patrol											
	17	1533			1544		No Flare Patrol											
0111	HOLL	17	1833	1837	1841	S13 W29	8824	01	15.6	8	SF		3	E		11		F
	17	2122			2125		No Flare Patrol											
0112	HOLL	17	2144	2147	2151	N16 W06	8829	01	17.4	7	SF		3	E		25		
0113	HOLL	17	2148	2148	2152	S14 W48	8830	01	14.3	4	SF		3	E		14		

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															Time (UT)	Apparent (10 <sup>-6</sup> Disk)	Corr (Sq Deg)			
0114	LEAR	18	0330	0330	0333	S12 E37	8836	01	20.9	3	SF		3	E		21				
0115	URUM	18	0423	0424	0432	N16 W07	8829	01	17.6	9	SN				C	161	1.8	D		
0116		18	08152	08191	0828	S14 W52	8830	01	14.4	13	SF					97	3.2	EF		
	KANZ	18	0815	0819	0827	S14 W52	8830	01	14.4	12	SF		2	C						
	LEAR	18	0816E	0820U	0829	S14 W53	8830	01	14.3	13D	SF		3	E		52				
	SVTO	18	0817	0820	0827	S14 W54	8830	01	14.3	10	SF		3	E		47		F		
	URUM	18	0820E	0820	0820D	S12 W51	8830	01	14.5	10D	1N			P		193	3.2	E		
0117	LEAR	18	0949	0950	0956	S14 W38	8824	01	15.5	7	SF		3	E		33				
0118	HOLL	18	1539	1540	1549	S08 W23	8837	01	16.9	10	SF		3	E		24				
0119	HOLL	18	1559	1606	1615	S08 W23	8837	01	16.9	16	SF		3	E		35				
0120	RAMY	18	1710	1713	1859	S19 E11	8831	01	19.5	109	1N		4	E		109		FU		
0121	RAMY	18	1818	1818	1822	S14 W45	8824	01	15.4	4	SF		3	E		16				
			18 1846		1854	No Flare Patrol														
0122	HOLL	18	1904	1916	1921	S17 E11	8831	01	19.6	17	SF		3	E		36				
0123	HOLL	18	1925	1925	1934	S16 E10	8831	01	19.6	9	SF		3	E		43				
0124	HOLL	18	1915	1918	1921	S08 W25	8837	01	16.9	6	SF		3	E		11				
0125	HOLL	18	1925	1927	1936	S07 W26	8837	01	16.9	11	SF		3	E		16		F		
			18 2125		2208	No Flare Patrol														
			18 2237		2242	No Flare Patrol														
			18 2252		2400	No Flare Patrol														
			19 0000		0007	No Flare Patrol														
			19 0041		0725	No Flare Patrol														
			19 0734		0818	No Flare Patrol														
			19 0848		0854	No Flare Patrol														
			19 0856		0903	No Flare Patrol														
			19 0905		0915	No Flare Patrol														
			19 0917		0932	No Flare Patrol														
0126	LEAR	19	1034	1034	1039	N18 E12	8833	01	20.3	5	SF		3	E		17				
0127	KANZ	19	1120	1120	1124	N16 W25	8829	01	17.6	4	SF		2	C						
0128	RAMY	19	1757	1758	1805	S16 W55	8824	01	15.6	8	SF		3	E		44				
			19 2157		2230	No Flare Patrol														
			19 2308		2400	No Flare Patrol														
			20 0000		0020	No Flare Patrol														
0129	MITK	20	0225	0229	0230	N15 W35	8829	01	17.4	5	SN				C	0229	33	0.4	H	
			20 0600		0707	No Flare Patrol														
			20 0712		0730	No Flare Patrol														
0130	URUM	20	0736	0740	0811	S22 W24	8831	01	18.5	35	SF				C		96	1.1	D	
0131		20	07501	07501	0754	S08 W48	8837	01	16.7	4	SF						12			
	SVTO	20	0750	0750	0753	S08 W48	8837	01	16.7	3	SF		3	E		12				
	KANZ	20	0751	0751	0755	S09 W47	8837	01	16.8	4	SF		2	C						
0132		20	08193	0823	0847	S08 W46	8837	01	16.9	28	SF						13			
	KANZ	20	0819	0823	0847	S09 W46	8837	01	16.9	28	SF		2	C						
	SVTO	20	0822	0824U	0849D	S08 W47	8837	01	16.8	27D	SF		3	E		13				
0133	SVTO	20	0931	0931U	0946	S08 W48	8837	01	16.8	15	SF		3	E		10				
0134	SVTO	20	1053	1055	1102	S08 W50	8837	01	16.7	9	SF		3	E		12				

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0135	HOLL	20	2003	2003	2009	S10	W52	8837	01	16.9	6	SF		3	E		24			
		20	2157		2200			No Flare Patrol												
		20	2218		2335			No Flare Patrol												
		21	0407		0426			No Flare Patrol												
0136	MITK	21	0509	0510	0511	N13	E29	8838	01	23.4	2	SN			C	0510	66	0.9	H	
0137	MITK	21	0639	0647	0656	N15	W17	8833	01	20.0	17	SB			C	0647	132	1.5	E	
		21	0744		0801			No Flare Patrol												
0138	KANZ	21	0830	0838	0854	S06	W60	8837	01	16.9	24	SF		2	C					
0139		21	1138	1146	1218	S06	W63	8837	01	16.8	40	SF					41		F	
	SVTO	21	1137E	1147U	1218	S06	W64	8837	01	16.7	41D	SF		2	E		41		F	
	KANZ	21	1138	1146	1218	S06	W62	8837	01	16.8	40	SF		2	C					
0140	HOLL	21	2006	2007	2015	S08	W67	8837	01	16.8	9	SF		3	E		21			
		21	2157		2205			No Flare Patrol												
		21	2209		2400			No Flare Patrol												
		22	0000		0007			No Flare Patrol												
		22	0540		0550			No Flare Patrol												
		22	0628		0840			No Flare Patrol												
		22	1044		1124			No Flare Patrol												
		22	1239		1248			No Flare Patrol												
0141	RAMY	22	1759	1759	1837	S23	W50	8831	01	18.9	38	SF		3	E		97		H	
		22	2157		2231			No Flare Patrol												
		23	0518		0543			No Flare Patrol												
		23	0546		0551			No Flare Patrol												
		23	0618		0707			No Flare Patrol												
		23	1121		1127			No Flare Patrol												
		23	1133		1140			No Flare Patrol												
		24	0332		0342			No Flare Patrol												
		24	0400		0619			No Flare Patrol												
		24	1415		1421			No Flare Patrol												
		24	1427		1456			No Flare Patrol												
0142	HOLL	24	1612E	1614	1618	S18	W20	8842	01	23.1	6D	SF		3	E		21			
0143	RAMY	24	2130E	2132U	2135D	N19	W22	8842	01	23.2	5D	SF		2	E		34			
0144	HOLL	24	2133	2133	2140	S18	W22	8842	01	23.2	7	SF		3	E		28			
0145	HOLL	24	2209	2212	2217	S30	E35	8841	01	27.7	8	SF		3	E		44			
0146	LEAR	25	0143	0145	0150	S32	E34	8841	01	27.8	7	SF		3	E		26		F	
0147	LEAR	25	0622	0624	0630	S17	W28	8842	01	23.1	8	SF		3	E		30			
0148	KANZ	25	0759	0759	0807	S30	E19	8841	01	26.8	8	SF		2	C					
0149	HOLL	25	1443	1522	1559	N04	W28	8844	01	23.5	76	SF		3	E		46			
0150	HOLL	25	1602	1603	1608	N04	W29	8844	01	23.5	6	SF		3	E		23			
0151	HOLL	25	1533	1534	1542	S31	E25	8841	01	27.6	9	SF		3	E		57		F	
0152	HOLL	25	1627	1631	1634	N05	W30	8844	01	23.4	7	SF		3	E		43			
0153	HOLL	25	1854	1924	2022	N05	W30	8844	01	23.5	88	SF		3	E		88			
0154	HOLL	25	1920	1927	1931	S31	E24	8841	01	27.7	11	SF		3	E		31			
0155	LEAR	26	0504	0504	0510	S14	E22	8845	01	27.9	6	SF		5	E		13			

H $\alpha$  SOLAR FLARES

JANUARY 2000

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)		
0156	LEAR	26	0604	0605	0616	S14	E21	8845	01	27.8	12	SF		5	E			51		
0157	KANZ	26	1109	1136	1246	S30	E14	8841	01	27.6	97	SF		2	C					
		26	1431		1437														No Flare Patrol	
		26	1459		1856														No Flare Patrol	
0158	HOLL	26	2025	2025	2028	N04	W47	8844	01	23.3	3	SF		3	E			11		
		26	2144		2208														No Flare Patrol	
		26	2236		2242														No Flare Patrol	
0159	LEAR	27	0507	0509	0513	N04	W51	8844	01	23.4	6	SF		4	E			19		
0160	HOLL	27	1948	1955	2000	S09	E71	8848	02	2.1	12	SF		3	E			33		
0161	HOLL	27	2235	2238	2240	S09	E69	8848	02	2.1	5	SF		3	E			24		
0162	LEAR	28	0622	0624	0634	S11	E69	8848	02	2.4	12	SF		4	E			21		
0163	LEAR	28	0655	0658	0717	S13	E71	8848	02	2.6	22	SF		3	E			44	FH	
0164	LEAR	28	0957	1012	1024	S08	E62	8848	02	2.1	27	SF		3	E			17		
0165	HOLL	28	1836	1837	1839	N03	W70	8844	01	23.5	3	SF		3	E			42		
0166	HOLL	28	1945	1952	2154	S31	W17	8841	01	27.5	129	SF		3	E			59	H	
0167	RAMY	28	2032E	2032U	2041D	S31	E15	8841	01	30.0	9D	SF		2	E			31		
		29	0021		0024														No Flare Patrol	
		29	2004		2036														No Flare Patrol	
0168	HOLL	29	2222	2223	2234	S16	W31	8845	01	27.6	12	SF		3	E			25	F	
		30	0023		0248														No Flare Patrol	
		30	0703		0711														No Flare Patrol	
		30	1053		1121														No Flare Patrol	
0169	RAMY	30	1817	1820	1834	S08	E29	8848	02	1.9	17	SF		3	E			43	HS	
		30	2229		2238														No Flare Patrol	
0170		31	01526	01581	0214	S29	W46	8841	01	27.5	22	SN						58	0.3	D
	LEAR	31	0152	0158	0230	S28	W44	8841	01	27.6	38	SF		3	E			96		
	MITK	31	0158	0159	0159	S30	W49	8841	01	27.2	1	SN			C	0159		20	0.3	D
0171		31	02318	02394	0252	S29	W47	8841	01	27.4	21	SN						95	1.8	D
	LEAR	31	0231	0239	0259	S28	W44	8841	01	27.7	28	SN		3	E			83		
	MITK	31	0239	0243	0245	S30	W50	8841	01	27.2	6	SN			C	0243		107	1.8	D
0172		31	08232	08261	0836	S30	W54	8841	01	27.1	13	SF						56		
	KANZ	31	0823	0827	0835	S29	W53	8841	01	27.2	12	SF		2	C					
	LEAR	31	0825	0826	0836	S30	W55	8841	01	27.0	11	SF		4	E			56		
0173	KANZ	31	1019	1019	1031	N18	E80		02	6.5	12	SF		2	C					
0174	SVTO	31	1101	1101	1104	N28	E39	8851	02	3.5	3	SF		3	E			22		
0175	KANZ	31	1351	1355	1419	N18	E80		02	6.7	28	SF		2	C					
		31	2118		2243														No Flare Patrol	