

DECEMBER 2000

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																Apparent (10-6 Disk)	Corr (Sq Deg)	
0001	LEAR	01	0042	0042	0050	N08	W36	9240	11	28.4	8	SF	3	E		76		FH
0002	LEAR	01	0156	0158	0222	S13	E18	9246	12	2.4	26	SF	3	E		18		
0003	LEAR	01	0311	0314	0322	S12	E15	9246	12	2.3	11	SF	3	E		32		F
0004		01	07241	07282	0746	S12	E14	9246	12	2.4	22	SF				80	0.9	E
	URUM	01	0724	0730	0741	S12	E13	9246	12	2.3	17	SF		C		80	0.9	E
	KANZ	01	0725	0728	0750	S13	E14	9246	12	2.4	25	SF	2	E				
0005		01	0855	09012	0922	N18	W20	9242	11	29.9	27	1F				107	2.2	EF
	KANZ	01	0855	0902	0923	N18	W20	9242	11	29.9	28	1F	2	E				
	URUM	01	0855	0903	0930	N18	W20	9242	11	29.9	35	1N		C		193	2.2	E
	LEAR	01	0900E	0901	0922	N19	W21	9242	11	29.9	22D	1F	2	E		103		F
	SVTO	01	0902E	0909U	0914	N19	W20	9242	11	29.9	12D	SF	3	E		26		F
		01	2112		2227	No Flare Patrol												
0006	LEAR	02	0018	0019	0023	S13	E06	9246	12	2.5	5	SF	3	E		13		
0007	URUM	02	0708	0714	0719	S04	W35	9243	11	29.8	11	SN		C		161	2.0	E
0008		02	0724	0729	0741	S05	W32	9243	11	30.0	17	SF				64	0.8	E
	URUM	02	0724	0729	0740	S06	W34	9243	11	29.9	16	SF		C		64	0.8	E
	KANZ	02	0725E	0726U	0742	S04	W31	9243	11	30.0	17D	SF	2	E				
0009	KANZ	02	0833E	0833U	0840	N08	W50	9240	11	28.7	7D	SF	2	E				
		02	1514		1554	No Flare Patrol												
		02	1619		1635	No Flare Patrol												
		02	1754		1801	No Flare Patrol												
		02	1817		1824	No Flare Patrol												
		02	2058		2400	No Flare Patrol												
		03	0000		0125	No Flare Patrol												
0010	LEAR	03	0212	0217	0238	N19	W41	9242	11	30.0	26	SF	2	E		14		
		03	0338		0343	No Flare Patrol												
		03	0912		0929	No Flare Patrol												
		03	1009		1016	No Flare Patrol												
		03	1020		1035	No Flare Patrol												
		03	1051		1119	No Flare Patrol												
		03	1423		1503	No Flare Patrol												
0011	LEAR	04	0016	0018	0022	S08	W87		11	27.6	6	SF	3	E		18		
0012	LEAR	04	0025	0025	0034	N20	W54	9242	11	30.0	9	SF	3	E		11		
		04	0135		0151	No Flare Patrol												
		04	0641		0659	No Flare Patrol												
0013	KANZ	04	1100	1102	1107	N19	W54	9242	11	30.3	7	SF	2	E				
0014	LEAR	05	0442	0446	0500	N05	W74	9248	11	29.8	18	SF	3	E		64		F
		05	0641		0701	No Flare Patrol												
		05	0837		0841	No Flare Patrol												
		05	1928		1949	No Flare Patrol												
		05	2009		2036	No Flare Patrol												
0015		06	09311	09331	0940	S13	W62	9246	12	1.7	9	SF				49		
	KANZ	06	0931	0933	0940	S16	W61	9246	12	1.8	9	SF	2	E				
	LEAR	06	0932	0934	0940	S10	W64	9246	12	1.6	8	SF	3	E		49		
0016	KANZ	06	1248	1248	1258	S15	W60	9246	12	2.0	10	SF	2	E				
0017	RAMY	06	1814	1815	1821	S09	W68	9246	12	1.6	7	SF	3	E		17		H
0018	HOLL	06	2223	2233	2247	S10	W66	9246	12	2.0	24	SF	3	E		70		F

H α SOLAR FLARES

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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)		
			06 2347		2400	No	Flare Patrol													
			07 0000		0050	No	Flare Patrol													
0019	LEAR	07	0049E	0050U	0135D	S10	W63	9246	12	2.3	46D	SF		3	E			42		
0020		07	03369	0339*	0356	S09	W70	9246	12	1.9	20	1N						112		E
	LEAR	07	0336	0339	0445D	S09	W69	9246	12	2.0	69D	1F		2	E			145		
	URUM	07	0345	0349	0356	S09	W71	9246	12	1.8	11	1N			C			80		E
0021	URUM	07	0539	0542	0606	S08	W70	9246	12	2.0	27	1B			C			96		D
0022	LEAR	07	0602	0703	0723	S10	W65	9246	12	2.4	81	SF		3	E			57		
			07 0832		0854	No	Flare Patrol													
			07 1124		1125	No	Flare Patrol													
			07 1652		1711	No	Flare Patrol													
			07 2101		2110	No	Flare Patrol													
			07 2327		2400	No	Flare Patrol													
			08 0000		0039	No	Flare Patrol													
			08 0835		0836	No	Flare Patrol													
			08 0921		0933	No	Flare Patrol													
			08 1002		1122	No	Flare Patrol													
			08 1135		1143	No	Flare Patrol													
			08 2104		2108	No	Flare Patrol													
			08 2154		2202	No	Flare Patrol													
			08 2208		2233	No	Flare Patrol													
			08 2320		2342	No	Flare Patrol													
0023	LEAR	09	0420	0423	0427	N11	E61	9262	12	13.8	7	SF		3	E			12		
			09 1012		1117	No	Flare Patrol													
0024	RAMY	09	1722	1723	1727	N10	W15	9254	12	8.6	5	SF		3	E			17		
			09 2208		2312	No	Flare Patrol													
			10 0000		0013	No	Flare Patrol													
0025	LEAR	10	0452	0453	0500	N13	E56	9262	12	14.4	8	SF		3	E			15		F
			10 1337		1404	No	Flare Patrol													
			10 1756		2211	No	Flare Patrol													
			10 2306		2315	No	Flare Patrol													
			10 2355		2400	No	Flare Patrol													
			11 0000		0012	No	Flare Patrol													
0026	KANZ	11	0814	0822	0831	N24	W02	9266	12	11.2	17	SF		2	E					
0027	KANZ	11	0903	0905	0908	N16	E16	9258	12	12.6	5	SF		2	E					
0028	KANZ	11	0932	0933	0940	N23	W02	9266	12	11.2	8	SF		2	E					
0029	KANZ	11	0954	0957	1002	N24	W02	9266	12	11.2	8	SF		2	E					
0030		11	1504*	15135	1542	N08	E42	9267	12	14.8	38	SF						60		F
	HOLL	11	1504	1513	1541	N07	E42	9267	12	14.8	37	SF		3	E			52		F
	RAMY	11	1517	1518	1542	N08	E41	9267	12	14.7	25	SF		3	E			69		
			11 2115		2306	No	Flare Patrol													
0031	LEAR	12	0453	0458	0511	N07	E32	9267	12	14.6	18	SF		3	E			74		
			12 0647		0659	No	Flare Patrol													
			12 0837		0844	No	Flare Patrol													
			12 0916		0941	No	Flare Patrol													
			12 0950		1021	No	Flare Patrol													
			12 1123		1133	No	Flare Patrol													
0032	KANZ	12	1156	1158	1200	N08	E30	9267	12	14.7	4	SF		2	E					

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0080	RAMY	17	1451	1452	1456	N18	W37	9275	12	14.8	5	SF		3	E		31		
0081		17	1622	1623	1634	S14	W70	9271	12	12.4	12	SF					62		
	RAMY	17	1622	1623	1636	S14	W70	9271	12	12.4	14	SF		3	E		72		
	HOLL	17	1622	1625	1631	S15	W71	9271	12	12.3	9	SF		3	E		51		
0082		17	1656	1658	1703	S15	W71	9271	12	12.3	7	SF					30		
	RAMY	17	1656	1659	1704	S15	W71	9271	12	12.3	8	SF		3	E		35		
	HOLL	17	1658	1658	1702	S15	W71	9271	12	12.3	4	SF		3	E		24		
0083	RAMY	17	1706	1710	1722	S14	W70	9271	12	12.4	16	SF		3	E		28		
0084		17	1746	1747	1750	S14	W72	9271	12	12.3	4	SF					18		
	RAMY	17	1746	1747	1751	S14	W72	9271	12	12.3	5	SF		3	E		20		
	HOLL	17	1747	1747	1750	S14	W72	9271	12	12.3	3	SF		3	E		16		
0085		17	1801*	1839	1906	S14	W72	9276	12	12.3	65	SF					60		
	RAMY	17	1801	1839	1923	S14	W72	9276	12	12.3	82	SF		3	E		98		
	HOLL	17	1839	1839	1848	S14	W72	9276	12	12.3	9	SF		3	E		23		
0086	RAMY	17	2009	2010	2017	S14	W73	9276	12	12.3	8	SF		3	E		30		
		17	2327		2347	No Flare Patrol													
		18	0006		0044	No Flare Patrol													
0087	LEAR	18	0045	0046	0052	N04	W48	9267	12	14.4	7	SF		3	E		17		
0088	LEAR	18	0118	0121	0133	N17	W61	9277	12	13.4	15	SF		3	E		71		F
0089	LEAR	18	0240	0249	0303	N08	E65	9278	12	23.0	23	SF		3	E		63		
0090	KANZ	18	0832	0832	0839	N04	W50	9267	12	14.6	7	SF		2	E				
0091	LEAR	18	0856	0903	0907	S14	W76	9276	12	12.6	11	SF		3	E		30		
0092		18	0915*	0918	0930	N04	W52	9267	12	14.5	15	SF					14		F
	KANZ	18	0915	0918	0930	N05	W51	9267	12	14.6	15	SF		2	E				
	LEAR	18	0926	0927	0930	N04	W52	9267	12	14.5	4	SF		3	E		14		F
0093	KANZ	18	0928	0928	0933	N18	W47	9263	12	14.8	5	SF		2	E				
0094		18	1102	1114	1158	N15	E01	9269	12	18.5	56	1F					121		FU
	KANZ	18	1102	1114	1152	N15	E01	9269	12	18.5	50	1F		2	E				U
	RAMY	18	1113E	1113U	1203	N15	E00	9269	12	18.5	50D	1F		2	E		182		F
	SVTO	18	1119E	1119U	1213D	N15	E01	9269	12	18.5	54D	SF		3	E		60		U
0095	RAMY	18	1238	1241	1246	N07	W50	9267	12	14.8	8	SF		3	E		16		F
0096	RAMY	18	1331	1331	1333	S15	W90	9276	12	11.7	2	SF		3	E		33		
0097		18	1555	1559	1604	N08	E57	9278	12	22.9	9	SF					18		F
	HOLL	18	1555	1559	1603	N08	E58	9278	12	23.0	8	SF		3	E		17		
	RAMY	18	1556	1559	1605	N08	E56	9278	12	22.9	9	SF		3	E		18		F
0098		18	1809	1810	1816	N16	W70	9277	12	13.4	7	SF					38		
	RAMY	18	1809	1810	1816	N17	W71	9277	12	13.4	7	SF		3	E		51		
	HOLL	18	1809	1812	1816	N16	W69	9277	12	13.5	7	SF		3	E		26		
0099	RAMY	18	1905	1909	1914	N09	E55	9278	12	22.9	9	SF		3	E		13		F
0100		18	1957	1959	2003	N08	E51	9278	12	22.6	6	SF					34		F
	RAMY	18	1957	1959	2005	N08	E50	9278	12	22.6	8	SF		3	E		40		
	HOLL	18	1958	1959	2001	N08	E52	9278	12	22.7	3	SF		3	E		28		F
0101	HOLL	18	2204	2205	2209	N05	E51	9278	12	22.7	5	SF		3	E		30		
0102		18	2304	2307	2316	S12	E72	9279	12	24.4	12	1F					82		F
	HOLL	18	2304	2307	2316	S13	E73	9279	12	24.5	12	1F		3	E		110		F
	LEAR	18	2307	2307	2317	S10	E70	9279	12	24.2	10	SF		2	E		55		

H α SOLAR FLARES

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF		CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks	
						Region	Day								Apparent (10-6 Disk)	Corr (Sq Deg)		
0103		18	2314	2315	2318	S15	W86	9276	12	12.4	4	SF				32		
	HOLL	18	2314	2315	2318	S12	W90	9276	12	12.2	4	SF	3	E		36		
	LEAR	18	2314	2315	2319	S18	W82	9276	12	12.7	5	SF	2	E		28		
0104	LEAR	18	2326	2330	2338	S13	E68	9279	12	24.1	12	SF	2	E		18		
0105	LEAR	18	2359	2401	2403	S18	W83	9276	12	12.7	4	SF	3	E		29		
0106	LEAR	19	0025	0027	0029	N04	W59	9267	12	14.6	4	SF	3	E		19		
0107	LEAR	19	0158	0158	0204	S18	W84	9276	12	12.7	6	SF	3	E		65		
0108	LEAR	19	0325	0328	0332	N17	W73	9277	12	13.6	7	SF	3	E		19		
0109	LEAR	19	0348	0351	0357	S12	E61	9279	12	23.7	9	SF	3	E		15		
0110	LEAR	19	0456	0458	0508	N04	W63	9267	12	14.5	12	SF	3	E		55		F
0111	URUM	19	0457E	0457	0500D	S06	W61		12	14.6	3D	1F		P		129	2.7	E
0112		19	0611	06113	0618	N18	W78	9277	12	13.3	7	SN				23		A
	URUM	19	0611E	0611	0619	N18	W81	9277	12	13.1	8D	SN		P		32		A
	LEAR	19	0611	0614	0616	N17	W76	9277	12	13.5	5	SF	3	E		14		
0113	LEAR	19	0739	0740	0742	N09	E46	9278	12	22.8	3	SF	3	E		24		
0114		19	08041	08052	0809	S10	E60	9279	12	23.8	5	SF				28		
	LEAR	19	0804	0805	0809	S10	E60	9279	12	23.8	5	SF	3	E		28		
	KANZ	19	0805	0807	0809	S10	E59	9279	12	23.8	4	SF	2	E				
0115	LEAR	19	1019E	1023U	1030D	N09	E49	9278	12	23.1	11D	SF	1	E		15		F
0116		19	10194	10222	1033	N07	E41	9278	12	22.5	14	SF				26		
	KANZ	19	1019	1022	1034	N07	E41	9278	12	22.5	15	SF	2	E				
	SVTO	19	1023	1024	1032	N07	E41	9278	12	22.5	9	SF	3	E		26		
0117	RAMY	19	1414	1414	1424	N15	W12	9269	12	18.7	10	SF	3	E		25		F
0118	RAMY	19	1622	1624	1630	N07	E38	9278	12	22.5	8	SF	3	E		19		F
0119	HOLL	19	1858	1859	1907	N06	E38	9278	12	22.6	9	SF	3	E		55		
0120	HOLL	19	2138	2148	2151	N07	E38	9278	12	22.7	13	SF	3	E		14		F
0121	LEAR	20	0207	0207	0215	N07	E34	9278	12	22.6	8	SF	3	E		11		F
0122		20	0512	0515	0522	N08	E33	9278	12	22.7	10	1F				137	2.0	EF
	LEAR	20	0512	0515	0522	N07	E33	9278	12	22.7	10	1F	3	E		113		F
	URUM	20	0515E	0515	0515D	N08	E33	9278	12	22.7	10D	SF		P		161	2.0	E
0123	URUM	20	0605E	0605	0621	N14	E30	9278	12	22.5	16D	1N		P		402	5.0	E
		20	1001		1058	No Flare Patrol												
0124	HOLL	20	1548	1548	1603	S13	E48	9279	12	24.3	15	SF	3	E		40		F
		20	1726		1744	No Flare Patrol												
0125	HOLL	20	1935	1936	1943	N14	W60	9272	12	16.3	8	SF	3	E		13		F
0126	HOLL	20	2038	2045	2057	S10	E48	9279	12	24.5	19	SF	3	E		52		F
		20	2138		2145	No Flare Patrol												
		20	2200		2233	No Flare Patrol												
0127	LEAR	20	2302	2303	2309	N09	E64	9280	12	25.8	7	SF	3	E		44		
0128	LEAR	20	2337	2340	2348	N06	E61	9280	12	25.5	11	SF	3	E		40		

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													Time (UT)	Apparent (10-6 Disk)		Corr (Sq Deg)
0129	LEAR	21	0058	0059	0104	N10	E63	9280	12 25.8	6	SF	3	E	14		
0130	LEAR	21	0113	0113	0117	N09	E62	9280	12 25.7	4	SF	3	E	15		
0131	LEAR	21	0148	0149	0207	N12	E61	9280	12 25.7	19	SF	3	E	35		F
0132	LEAR	21	0213	0216	0228	N06	E62	9280	12 25.7	15	SF	3	E	20		F
0133	LEAR	21	0242	0245	0251	N06	E61	9280	12 25.7	9	SF	3	E	26		
0134	LEAR	21	0258	0311	0410	N16	W29	9269	12 18.9	72	SF	3	E	70		F
0135	URUM	21	0332E	0332	0407	N15	W29	9269	12 18.9	35D	SF		P	161	2.0	E
0136	LEAR	21	0428	0435	0444	N06	E63	9280	12 25.9	16	SF	3	E	23		F
0137	LEAR	21	0526	0533	0545	N09	E60	9280	12 25.7	19	SF	3	E	38		F
0138	LEAR	21	0730	0730	0738	N09	E59	9280	12 25.7	8	SF	3	E	27		F
			21 1037		1115	No Flare Patrol										
			21 1155		1211	No Flare Patrol										
0139	HOLL	21	1833	1837	1843	S13	E34	9279	12 24.3	10	SF	3	E	31		F
			21 2145		2156	No Flare Patrol										
0140	LEAR	22	0247	0249	0253	N15	W47	9269	12 18.5	6	SF	3	E	18		F
0141	LEAR	22	0302	0302	0305	N07	E50	9280	12 25.9	3	SF	3	E	11		F
0142	LEAR	22	0314	0315	0318	N07	E50	9280	12 25.9	4	SF	3	E	14		
0143	LEAR	22	0606	0606	0609	S12	E19	9279	12 23.7	3	SF	3	E	27		
			22 1035		1135	No Flare Patrol										
0144	KANZ	22	1322	1326	1339	N12	E41	9280	12 25.6	17	SF	2	E			
0145	HOLL	22	1933	1934	1941	N08	E36	9280	12 25.5	8	SF	3	E	57		F
0146		22	1942	1944	1952	N07	E36	9280	12 25.5	10	SF			20		F
	RAMY	22	1942	1944	1951	N07	E36	9280	12 25.5	9	SF	3	E	26		F
	HOLL	22	1942	1944	1952	N07	E36	9280	12 25.5	10	SF	3	E	15		F
0147	LEAR	22	2319	2321	2323	S15	E80	9283	12 29.0	4	SF	3	E	12		
0148	LEAR	22	2342	2423	2429	S14	E80	9283	12 29.0	47	SF	3	E	23		F
0149	LEAR	23	0200	0201	0218	N12	E35	9280	12 25.7	18	SF	3	E	25		F
0150	LEAR	23	0217	0222	0225	S12	E78	9283	12 29.0	8	SF	4	E	26		
0151	LEAR	23	0226	0227	0242	S12	E78	9283	12 29.0	16	SF	3	E	31		H
0152	LEAR	23	0253	0253	0302	S13	E78	9283	12 29.0	9	SF	3	E	33		
0153	LEAR	23	0336	0344	0348	S12	E77	9283	12 28.9	12	SF	3	E	38		F
0154	URUM	23	0356	0400	0404	N06	E36	9280	12 25.8	8	SF		C	64	0.8	E
0155	LEAR	23	0451	0455	0505	S12	E76	9283	12 28.9	14	SF	3	E	20		
0156	LEAR	23	0523	0529	0532	S12	E76	9283	12 28.9	9	SF	3	E	21		
0157		23	0804*	08221	0847	S12	E74	9283	12 28.9	43	SF			93		EF
	KANZ	23	0804	0822	0855	S12	E72	9283	12 28.8	51	SF	2	E			
	LEAR	23	0804	0823	0856	S13	E75	9283	12 29.0	52	1N	3	E	113		EF
	SVTO	23	0820	0823	0829	S12	E76	9283	12 29.1	9	SF	3	E	73		

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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)	
0158	KANZ	23	1023	1023	1025	N08	E26	9280	12	25.4	2	SF	2	E				
0159		23	11113	11161	1126	S10	E72	9283	12	28.9	15	SF					30	
	KANZ	23	1111	1116	1133	S10	E71	9283	12	28.8	22	SF	2	E				
	SVTO	23	1114	1117	1118	S09	E74	9283	12	29.0	4	SF	3	E			30	
		23	1400		1401	No Flare Patrol												
0160	HOLL	23	1442	1443	1446	S12	E69	9283	12	28.8	4	SF	3	E				42
0161	RAMY	23	1520	1520	1525	S14	E72	9283	12	29.1	5	SF	3	E				11
0162	HOLL	23	1647	1651	1657	S12	E69	9283	12	28.9	10	SF	3	E				28
0163	HOLL	23	1722	1723	1727	S13	E69	9283	12	28.9	5	SF	3	E				15
		23	1945		2009	No Flare Patrol												
0164	HOLL	23	2130	2131	2135	S13	E67	9283	12	28.9	5	SF	3	E				41
0165	HOLL	23	2137	2144	2147	S13	E67	9283	12	28.9	10	SF	3	E				14
0166	HOLL	23	2206	2208	2209	S13	E67	9283	12	29.0	3	SF	3	E				31
0167	HOLL	23	2218	2220	2223	N05	E73	9285	12	29.4	5	SF	3	E				25
0168	HOLL	23	2226	2231	2233	S13	E66	9283	12	28.9	7	SF	3	E				13
0169	HOLL	23	2234	2236	2252	S13	E66	9283	12	28.9	18	SF	3	E				94
0170	HOLL	23	2259	2259	2304	S15	E65	9283	12	28.9	5	SF	3	E				15
0171	HOLL	23	2248	2252	2302	N06	E75	9285	12	29.6	14	SF	3	E				49
0172	LEAR	23	2354	2357	2402	S12	E65	9283	12	28.9	8	SF	3	E				24
0173	LEAR	24	0009	0011	0016	S13	E66	9283	12	29.0	7	SF	3	E				24
0174	LEAR	24	0032	0032	0036	N05	E72	9285	12	29.4	4	SF	3	E				25
0175	LEAR	24	0042	0044	0046	S13	E66	9283	12	29.0	4	SF	3	E				34
0176	LEAR	24	0105	0107	0117	S15	E66	9283	12	29.0	12	SF	3	E				46
0177	LEAR	24	0230	0232	0239	S15	E65	9283	12	29.0	9	SF	4	E				27
0178	LEAR	24	0249	0249	0255	N06	E70	9285	12	29.3	6	SF	4	E				11
0179	LEAR	24	0519	0520	0529	N06	E69	9285	12	29.4	10	SF	3	E				41
0180	LEAR	24	0645	0649	0709	S13	E64	9283	12	29.1	24	SF	3	E				32
0181	LEAR	24	0713	0726	0742	N05	E69	9285	12	29.5	29	SF	3	E				14
0182		24	1111	1115	1128	S15	E62	9283	12	29.1	17	SF						81
	SVTO	24	1111	1115	1126	S16	E63	9283	12	29.2	15	SF	3	E				81
	KANZ	24	1113E	1115	1129	S14	E60	9283	12	29.0	16D	SF	2	E				
0183		24	13314	1336	1348	S14	E59	9283	12	29.0	17	SF						31
	KANZ	24	1331	1336	1347	S13	E58	9283	12	28.9	16	SF	2	E				
	SVTO	24	1335	1336	1350	S14	E60	9283	12	29.1	15	SF	3	E				31
		24	1445		1501	No Flare Patrol												
		24	1511		2103	No Flare Patrol												
		24	2129		2320	No Flare Patrol												
		24	2344		2400	No Flare Patrol												
		25	0000		0008	No Flare Patrol												
0184	LEAR	25	0358	0358	0402	S15	E48	9283	12	28.8	4	SF	3	E				13

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/USAF		Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
								Region	Mo Day						Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0185	LEAR	25	0559	0602	0613	S13	E50	9283	12	29.0	14	SF	3	E		21		
0186	LEAR	25	0633	0634	0640	N12	E06	9280	12	25.7	7	SF	3	E		43		F
0187	LEAR	25	0845	0845	0850	S12	E46	9283	12	28.8	5	SF	3	E		10		
		25	1038		1144													No Flare Patrol
		25	1204		1205													No Flare Patrol
0188	RAMY	25	1216	1223	1243	S11	E48	9283	12	29.1	27	SF	3	E		37		F
0189	RAMY	25	1405	1422	1425	S13	E43	9283	12	28.8	20	SF	3	E		47		
0190	RAMY	25	1557	1605	1615	S12	E42	9283	12	28.8	18	SF	3	E		65		F
0191	RAMY	25	1632	1635	1651	S10	E43	9283	12	28.9	19	SF	3	E		77		F
0192	RAMY	25	1632	1635	1651	S21	E43	9283	12	29.0	19	SF	3	E		77		F
		25	1833		1910													No Flare Patrol
		25	2023		2157													No Flare Patrol
		25	2253		2257													No Flare Patrol
		25	2344		2400													No Flare Patrol
		26	0654		0733													No Flare Patrol
		26	1044		1124													No Flare Patrol
0193	RAMY	26	1606	1606	1618	S09	E90	9289	01	2.4	12	SF	3	E		45		
0194	RAMY	26	1614	1615	1624	S09	E27	9283	12	28.7	10	SF	3	E		27		F
		26	2007		2125													No Flare Patrol
		26	2208		2257													No Flare Patrol
0195	LEAR	27	0156	0201	0213	S08	E81	9289	01	2.1	17	SF	3	E		96		F
0196	LEAR	27	0227	0228	0230	S08	E19	9283	12	28.5	3	SF	3	E		22		
0197	LEAR	27	0303	0309	0320	S08	E80	9289	01	2.1	17	1F	3	E		102		F
0198	LEAR	27	0355	0405	0419	S07	E17	9283	12	28.4	24	SF	3	E		32		F
0199	LEAR	27	0423	0425	0437	S08	E20	9283	12	28.7	14	SF	3	E		36		F
0200	LEAR	27	0443	0446	0449	S08	E79	9289	01	2.1	6	SF	2	E		22		
0201	URUM	27	0444E	0444	0457	S08	E20		12	28.7	13D	1F		P		193	2.1	E
0202	LEAR	27	0529	0529	0534	S15	E24	9283	12	29.0	5	SF	3	E		23		
0203	LEAR	27	0812	0817	0824	S08	E79	9289	01	2.3	12	SF	3	E		21		
		27	1016		1134													No Flare Patrol
0204	RAMY	27	1213	1215	1230	S14	E21	9283	12	29.1	17	SF	3	E		28		
0205		27	15351	15418	1610	S08	E74	9289	01	2.2	35	1F				105		F
	RAMY	27	1535	1541	1609	S08	E74	9289	01	2.2	34	SF	3	E		98		
	HOLL	27	1536	1549	1612	S07	E73	9289	01	2.1	36	1F	3	E		112		F
0206	RAMY	27	1556	1557	1602	S10	E17	9283	12	28.9	6	SF	3	E		18		F
0207		27	1738	17381	1745	S12	E14	9283	12	28.8	7	SF				15		
	RAMY	27	1738	1738	1745	S10	E11	9283	12	28.6	7	SF	3	E		20		
	HOLL	27	1738	1739	1745	S15	E17	9283	12	29.0	7	SF	3	E		10		
0208	RAMY	27	1819	1820	1826	S08	E72	9289	01	2.2	7	SF	3	E		12		
0209	HOLL	27	1900	1900	1909	S07	E71	9289	01	2.1	9	SF	3	E		14		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks	
																	Apparent (10-6 Disk)	Corr (Sq Deg)		
0210	HOLL	27	1909	1911	1919	S07	E70	9289	01	2.0	10	SF		3	E		11			
0211	HOLL	27	2014	2015	2020	S08	E71	9289	01	2.2	6	SF		3	E		24			F
0212	HOLL	27	2036	2038	2040	S08	E60	9289	01	1.3	4	SF		3	E		18			
0213	HOLL	27	2043	2043	2049	S07	E71	9289	01	2.2	6	SF		3	E		43			
0214	HOLL	27	2211	2218	2245	S14	E16	9283	12	29.1	34	SF		3	E		69			FU
0215	LEAR	27	2218E	2222U	2245	S15	E25	9283	12	29.8	27D	SF		2	E		16			
0216	HOLL	27	2303	2311	2324	S07	E68	9289	01	2.0	21	SF		3	E		68			F
0217	LEAR	27	2305E	2310U	2322D	S08	E60	9289	01	1.5	17D	SF		3	E		28			F
		27	2357		2400															No Flare Patrol
		28	0000		0022															No Flare Patrol
0218	LEAR	28	0207	0208	0213	N12	W38	9280	12	25.2	6	SF		2	E		36			
0219	LEAR	28	0217	0220	0225	S08	E66	9289	01	2.0	8	SF		2	E		60			
0220	LEAR	28	0246	0251	0258	S08	E67	9289	01	2.1	12	SF		3	E		74			F
0221	LEAR	28	0410	0416	0443	S08	E67	9289	01	2.2	33	1F		3	E		109			F
0222	LEAR	28	0422	0422	0425	N09	W32	9280	12	25.8	3	SF		3	E		20			
0223	LEAR	28	0527	0529	0534	S07	E65	9289	01	2.1	7	SF		3	E		19			
0224	LEAR	28	0729	0734	0740	S08	E66	9289	01	2.3	11	SF		3	E		23			
		28	1023		1147															No Flare Patrol
0225		28	1321	1326	1405	S08	E61	9289	01	2.1	44	1F					63			
	RAMY	28	1321	1326	1405	S07	E60	9289	01	2.0	44	1F		3	E		113			
	SVTO	28	1330E	1332U	1335D	S08	E62	9289	01	2.2	5D	SF		2	E		13			
0226	RAMY	28	1424	1425	1432	S07	W74	9279	12	23.0	8	SF		3	E		20			
0227	RAMY	28	1627	1627	1636	S12	E05	9283	12	29.1	9	SF		3	E		11			
0228		28	18241	18266	1838	S15	E04	9283	12	29.1	14	SF					24			F
	RAMY	28	1824	1832	1838	S15	E04	9283	12	29.1	14	SF		3	E		31			F
	HOLL	28	1825	1826	1838	S15	E05	9283	12	29.1	13	SF		3	E		16			F
0229	LEAR	29	0120	0125	0127	S11	W03	9283	12	28.8	7	SF		3	E		16			U
0230	LEAR	29	0136	0235	0323	S09	W02	9283	12	28.9	107	1F		3	E		202			F
0231	LEAR	29	0211	0221	0244	S08	E55	9289	01	2.2	33	1F		3	E		102			F
0232	URUM	29	0301E	0301	0303	S07	W05	9283B	12	28.7	2D	1F			C		370	3.8		E
0233	LEAR	29	0414	0418	0423	S15	W02	9283	12	29.0	9	SF		3	E		15			F
		29	1044		1143															No Flare Patrol
0234	SVTO	29	1101E	1101U	1121D	S08	E50	9289	01	2.2	20D	SF		2	E		34			
		29	1255		1402															No Flare Patrol
0235	RAMY	29	1402	1402	1410	N30	E14	9290	12	30.7	8	SF		3	E		13			
0236	RAMY	29	1402	1402	1421	S13	E40	9291	01	1.6	19	SF		3	E		12			
0237	RAMY	29	1402	1413	1440	S15	W08	9283	12	29.0	38	SF		3	E		62			

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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)		
0238	RAMY	29	1712	1725	1802	S09	W66	9279	12	24.8	50	SF	3	E		43			
0239		29	18431	1849	1858	S08	E46	9289	01	2.2	15	1F				208		FH	
	HOLL	29	1843	1849	1859	S08	E46	9289	01	2.2	16	1F	3	E		195		H	
	RAMY	29	1844	1849	1858	S09	E45	9289	01	2.1	14	1F	3	E		221		FH	
0240	HOLL	29	2217	2218	2220	S08	E37	9289	01	1.7	3	SF	3	E		15			
0241		30	10203	1025*	1106	S09	W23	9283	12	28.7	46	SF				34		FH	
	LEAR	30	1020	1025	1036D	S08	W21	9283	12	28.8	16D	SF	2	E		39		FH	
	SVTO	30	1023	1039	1101	S11	W23	9283	12	28.7	38	SF	3	E		28		FH	
	KANZ	30	1026E	1038	1111	S07	W25	9283	12	28.6	45D	1F	2	E					
0242		30	1146*	1147*	1218	S08	E38	9289	01	2.3	32	SF				16			
	KANZ	30	1146	1147	1216	S08	E37	9289	01	2.3	30	SF	2	E					
	RAMY	30	1215	1217	1220	S09	E38	9289	01	2.4	5	SF	3	E		16			
0243		30	1451	14535	1510	S08	E36	9289	01	2.3	19	SF				26			
	RAMY	30	1451	1453	1509	S08	E36	9289	01	2.3	18	SF	3	E		20			
	HOLL	30	1451	1458	1511	S07	E35	9289	01	2.2	20	SF	3	E		31			
0244	RAMY	30	1914	1921	1925	S15	W23	9283	12	29.1	11	SF	3	E		11			
0245	LEAR	31	0649	0650	0656	N21	E67	9292	01	5.4	7	SF	3	E		47			
		31	1050		1055	No Flare Patrol													
		31	1104		1110	No Flare Patrol													
0246	KANZ	31	1222	1223	1227	S10	E13	9291	01	1.5	5	SF	2	E					

"Remarks"

- | | |
|---|---|
| <p>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.</p> | <p>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.</p> |
|---|---|

Observation Type: C=Cinematographic, E=Electronic, P=Photographic, V=Visual