

H α SOLAR FLARES

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Jun 03

JUNE 2003

Grp #	Sta	Start Day	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks	
																Apparent (10-6 Disk)	Corr (Sq Deg)		
		03	1346	1348			No Flare Patrol												
		03	1503	1506			No Flare Patrol												
		03	1604	1638			No Flare Patrol												
		03	1756	1848			No Flare Patrol												
0027	HOLL	03	2229	2229	2233	N10	E54	10375	06	8.0	4	SF	3	E		24			
0028	KANZ	04	0558E	0558U	0603	N11	E50	10375	06	8.0	5D	SF	2	E					
		04	1146	1211			No Flare Patrol												
		04	2158	2206			No Flare Patrol												
		04	2210	2334			No Flare Patrol												
		04	2342	2345			No Flare Patrol												
0029	HOLL	05	1729	1741	1747	N11	E30	10375	06	8.0	18	SF	3	E		11			F
0030	HOLL	05	1848	1850	1902	N11	E30	10375	06	8.0	14	SF	3	E		12			
		05	2120	2335			No Flare Patrol												
0031	LEAR	06	0404	0407	0426	N09	E30	10375	06	8.4	22	SF	3	E		20			F
0032		06	1347E	1357E	1434	N12	E18	10375	06	7.9	47	1F				108			F
	HOLL	06	1347	1359	1458	N11	E20	10375	06	8.1	71	1F	3	E		113			F
	SVTO	06	1353	1357	1411	N14	E16	10375	06	7.8	18	1F	3	E		104			
0033	HOLL	06	1504	1507	1527	N11	E19	10375	06	8.0	23	SF	3	E		18			
0034	HOLL	06	1554	1608	1637	N10	E17	10375	06	7.9	43	SF	3	E		31			
0035	HOLL	06	1740	1744	1756	N17	E66	10378	06	11.7	16	SF	3	E		33			
0036	HOLL	06	1925	1926	1929	N10	E15	10375	06	7.9	4	SF	3	E		12			
		06	2241	2332			No Flare Patrol												
0037	LEAR	06	2335E	2337U	2412	N13	E17	10375	06	8.3	37D	1F	3	E		158			F
0038	LEAR	07	0218	0219	0224	N08	E17	10375	06	8.4	6	SF	3	E		27			
0039	LEAR	07	0324	0325	0330	N08	E17	10375	06	8.4	6	SF	3	E		23			F
0040	SVTO	07	1037	1037	1040	N10	E08	10375	06	8.0	3	SF	3	E		38			F
0041	KANZ	07	1321	1324	1330	N13	W08	10376806		6.9	9	SF	2	E					
0042	HOLL	07	2034	2037	2054	N13	W04	10375	06	7.5	20	SF	3	E		33			
		07	2359	2400			No Flare Patrol												
		08	0216	0226			No Flare Patrol												
0043		08	0437	0459	0522	N12	W05	10375	06	7.8	45	1F				74			F
	SVTO	08	0437	0459	0529	N12	W07	10375	06	7.7	52	1F	3	E		125			F
	LEAR	08	0500E	0500U	0514	N12	W03	10375	06	8.0	14D	SF	3	E		24			F
0044	LEAR	08	0610	0611U	0626	S13	E49	10380	06	11.9	16	SF	3	E		55			F
0045	SVTO	08	0619	0619	0623	N13	W10	10375	06	7.5	4	SF	3	E		13			
0046	KANZ	08	0651	0707	0750	N11	W10	10375	06	7.5	59	SF	2	E					
0047		08	1140Z	1145I	1202	S20	E64	10380	06	13.4	22	SF				35			F
	KANZ	08	1140	1145	1207	S19	E64	10380	06	13.4	27	SF	2	E					
	SVTO	08	1142	1146	1156	S22	E63	10380	06	13.3	14	SF	3	E		35			F
0048	SVTO	08	1203	1212	1217	S19	E63	10380	06	13.3	14	SF	3	E		36			F
0049	HOLL	08	1337	1337	1347	S12	E57	10380	06	12.9	10	SF	3	E		13			

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Opt	Xray	See	Obs Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0050	HOLL	08	1347	1403	1441	N12	W14	10375	06	7.5	54	SF		3	E			24	
0051	HOLL	08	1530	1530	1547	S12	E57	10380	06	12.9	17	SF		3	E			11	
0052	HOLL	08	1556	1612	1651	S19	E62	10380	06	13.4	55	2N		3	E			333	
0053	HOLL	08	1659	1702	1704	N13	W15	10375	06	7.6	5	SF		3	E			19	H
0054	HOLL	08	1706	1707	1721	S14	E53	10380	06	12.7	15	SF		3	E			18	
0055	HOLL	08	1821	1822	1827	N13	W20	10375	06	7.2	6	SF		3	E			15	H
0056	HOLL	08	1823	1825	1841	S19	E60	10380	06	13.3	18	SF		3	E			43	
0057	HOLL	08	1850	1852	1858	N13	W18	10375	06	7.4	8	SF		3	E			16	H
0058	HOLL	08	1908	1911	1917	S20	E59	10380	06	13.3	9	SF		3	E			15	
0059	HOLL	08	1929	1929	1938	S20	E61	10380	06	13.5	9	SF		3	E			10	F
0060	HOLL	08	2128	2130	2137	S17	E56	10380	06	13.2	9	SF		3	E			18	
0061	HOLL	08	2137	2143	2156	N13	W13	10375	06	7.9	19	SF		3	E			38	
0062	HOLL	08	2319	2319	2322	S17	E56	10380	06	13.2	3	SF		3	E			24	
0063	LEAR	09	0102E	0108U	0157D	S17	E49	10380	06	12.8	55D	SF		3	E			45	F
			09 0202		0226	No Flare Patrol													
			09 0239		0344	No Flare Patrol													
			09 0410		0414	No Flare Patrol													
			09 0418		0426	No Flare Patrol													
0064		09	0601	0603	0608	N11	W19	10375	06	7.8	7	SF						13	
	LEAR	09	0601	0603	0608	N10	W16	10375	06	8.0	7	SF		3	E			13	
	KANZ	09	0605E	0605U	0608	N12	W22	10375	06	7.6	3D	SF		2	E				
0065		09	0647*	06571	0705	N11	W20	10375	06	7.8	18	SF						19	F
	KANZ	09	0647	0657	0707	N12	W22	10375	06	7.6	20	SF		2	E				
	LEAR	09	0657	0658	0703	N10	W17	10375	06	8.0	6	SF		3	E			19	F
0066	LEAR	09	0704	0732	0803	N10	W17	10375	06	8.0	59	SF		3	E			57	FH
0067	KANZ	09	0855	0902	0924	N11	W24	10375	06	7.6	29	SF		2	E				
0068		09	1016	10201	1028	N12	W28	10375	06	7.3	12	SF						44	
	SVTO	09	1016	1020	1026	N11	W29	10375	06	7.2	10	SF		3	E			44	
	KANZ	09	1016	1021	1029	N12	W27	10375	06	7.4	13	SF		2	E				
0069		09	1057	10581	1104	N12	W28	10375	06	7.3	7	SF						24	
	SVTO	09	1057	1058	1102	N11	W29	10375	06	7.3	5	SF		3	E			24	
	KANZ	09	1057	1059	1106	N12	W28	10375	06	7.3	9	SF		2	E				
0070		09	1124	1130	1147	N12	W29	10375	06	7.3	23	1N						160	F
	SVTO	09	1124E	1128U	1137D	N11	W29	10375	06	7.3	13D	1N		3	E			160	F
	KANZ	09	1124	1130	1147	N13	W29	10375	06	7.3	23	1N		2	E				
			09 1515		1702	No Flare Patrol													
0071	HOLL	09	1703	1725	1755	N16	W25	10375	06	7.8	52	SF		3	E			36	
			09 1733		1921	No Flare Patrol													
0072	HOLL	09	1756	1756	1847	N13	W24	10375	06	7.9	51	SF		3	E			15	
0073	HOLL	09	1933	1934	1952	N12	W29	10375	06	7.6	19	SF		3	E			45	H
0074	HOLL	09	1937	1939	1941	S20	E47	10380	06	13.4	4	SF		3	E			45	

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Grp #	Sta	Start Day	Max (UT)	End (UT)	Lat	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)	
0075	HOLL	09 2006	2009	2042	S13 E41	10380	06	12.9	36	SF	3	E		71		F
0076	HOLL	09 2043	2043	2048	S14 E40	10380	06	12.9	5	SF	3	E		12		
0077	HOLL	09 2008	2010	2015	N13 W36	10375	06	7.1	7	SF	3	E		21		
0078	HOLL	09 2025	2029	2033	N13 W37	10375	06	7.0	8	SF	3	E		13		
0079	HOLL	09 2055	2058	2109	N12 W38	10375	06	7.0	14	SF	3	E		27		
		09 2120		2213	No Flare Patrol											
0080	HOLL	09 2327	2329	2334	N13 W32	10375	06	7.6	7	SF	3	E		15		
0081	LEAR	10 0024	0032	0043	N14 W45	10375	06	6.6	19	SF	3	E		12		F
0082	LEAR	10 0039	0040	0114	S21 E49	10380	06	13.8	35	SF	3	E		37		F
0083	LEAR	10 0132	0132	0154	S18 E50	10380	06	13.9	22	SF	3	E		14		
0084	LEAR	10 0152	0153	0200	N13 W45	10375	06	6.7	8	SF	3	E		20		FH
0085	LEAR	10 0212	0213	0223	N14 W45	10375	06	6.7	11	SF	3	E		26		FH
0086	LEAR	10 0226	0227	0242	N13 W45	10375	06	6.7	16	SF	3	E		18		F
0087	LEAR	10 0251	0254	0336	N13 W41	10375	06	7.0	45	1N	3	E		104		EF
0088	LEAR	10 0337	0346	0353	N13 W41	10375	06	7.0	16	SF	3	E		79		F
0089	KANZ	10 0607	0610	0613	N16 W39	10375	06	7.3	6	SF	2	E				
0090	SVTO	10 0618	0620	0627	N11 W44	10375	06	6.9	9	SF	3	E		16		F
0091	SVTO	10 0653	0700	0702	N13 W30	10375	06	8.0	9	SF	3	E		12		
0092		10 06507	06552	0705	N14 W44	10375	06	6.9	15	SF				19		F
	KANZ	10 0650	0655	0705	N12 W42	10375	06	7.1	15	SF	2	E				
	LEAR	10 0657	0657	0705	N15 W45	10375	06	6.9	8	SF	3	E		19		F
0093	LEAR	10 0659	0701	0705	S21 E23	10381	06	12.0	6	SF	3	E		15		
0094		10 07581	08024	0816	N12 W44	10375	06	7.0	18	1F				121		F
	SVTO	10 0758	0806	0817	N12 W45	10375	06	6.9	19	1F	3	E		121		F
	KANZ	10 0759	0802	0814	N12 W42	10375	06	7.2	15	1F	2	E				
0095		10 0826*	08371	0848	N13 W45	10375	06	6.9	22	1N				80		F
	KANZ	10 0826	0837	0848	N12 W44	10375	06	7.0	22	1N	2	E				
	SVTO	10 0826	0838	0848	N12 W44	10375	06	7.0	22	1N	3	E		104		
	LEAR	10 0836	0838	0847	N15 W48	10375	06	6.7	11	SF	3	E		55		F
0096		10 10542	1111	1136	N12 W44	10375	06	7.1	42	2N				259		FH
	KANZ	10 1054	1111	1134	N13 W44	10375	06	7.1	40	2N	2	E				
	SVTO	10 1056	1111	1138	N11 W45	10375	06	7.1	42	2N	3	E		259		FH
0097		10 12392	12521	1341	N12 W42	10375	06	7.4	62	1F				114		F
	SVTO	10 1239	1252	1345	N12 W43	10375	06	7.3	66	1F	3	E		114		F
	KANZ	10 1241	1253	1337	N11 W42	10375	06	7.4	56	1F	2	E				
0098	SVTO	10 1410	1441	1447	N10 W45	10375	06	7.2	37	SF	3	E		26		
0099	HOLL	10 1527	1528	1533	S12 E30	10380	06	12.9	6	SF	3	E		17		
0100	HOLL	10 1616E	1631	1653	N12 W44	10375	06	7.4	37D	1F	3	E		167		FH
0101	SVTO	10 1622	1629	1638	N13 W36	10375	06	8.0	16	SF	3	E		81		FH
0102	HOLL	10 1708	1710	1724	N12 W41	10375	06	7.6	16	SF	3	E		10		F

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0103	HOLL	10	1727	1906	1933	N14	W44	10375	06	7.4	126	SF		3	E			75	
0104	HOLL	10	1952	1952	2009	N13	W38	10375	06	8.0	17	SF		3	E			19	
0105	HOLL	10	2031	2031	2034	N14	W45	10375	06	7.4	3	SF		3	E			13	
0106	HOLL	10	2206	2404	2524	N14	W50	10375	06	7.1	198	2N		3	E			470	FT
0107	LEAR	11	0244	0302	0317	N14	W56	10375	06	6.9	33	SF		3	E			54	F
0108	SVTO	11	0453	0507	0521	N10	W55	10375	06	7.1	28	SF		3	E			71	
0109		11	07161	0718	0722	N10	W58	10375	06	6.9	6	SF						35	
	KANZ	11	0716	0718	0722	N11	W58	10375	06	6.9	6	SF		2	E				
	SVTO	11	0717	0718	0721	N10	W59	10375	06	6.9	4	SF		3	E			35	
0110		11	08214	08291	0840	N11	W58	10375	06	7.0	19	SF						78	F
	SVTO	11	0821	0829	0841	N09	W58	10375	06	7.0	20	1F		3	E			103	F
	KANZ	11	0822	0830	0839	N11	W57	10375	06	7.1	17	SF		2	E				
	LEAR	11	0825	0829	0839	N12	W60	10375	06	6.8	14	SF		3	E			54	F
0111		11	0931	09331	0938	N10	W59	10375	06	7.0	7	SF						43	
	KANZ	11	0931	0933	0936	N11	W58	10375	06	7.0	5	SF		2	E				
	SVTO	11	0931	0934	0939	N10	W60	10375	06	6.9	8	SF		3	E			43	
0112		11	09421	09432	0950	N10	W60	10375	06	6.9	8	SF						23	
	KANZ	11	0942	0943	0950	N11	W58	10375	06	7.0	8	SF		2	E				
	SVTO	11	0943	0945	0950	N10	W61	10375	06	6.8	7	SF		3	E			23	
0113		11	10162	1019	1031	N10	W60	10375	06	6.9	15	SF						58	
	KANZ	11	1016	1019	1036	N10	W58	10375	06	7.1	20	SF		2	E				
	SVTO	11	1018	1019	1026	N10	W63	10375	06	6.7	8	SF		3	E			58	
0114	SVTO	11	1027	1033	1038	N09	W61	10375	06	6.8	11	SF		3	E			91	
0115	KANZ	11	1049	1056	1108	N11	W57	10375	06	7.2	19	SF		2	E				
0116		11	1311*	14512	1536	N13	W60	10375	06	7.0	145	1N						91	FH
	HOLL	11	1311	1453	1603	N14	W58	10375	06	7.2	172	1N		3	E			141	FH
	SVTO	11	1443	1451	1510	N12	W62	10375	06	6.9	27	SF		3	E			41	F
0117	SVTO	11	1314	1322	1342	N11	W61	10375	06	7.0	28	1F		3	E			116	F
0118	SVTO	11	1347	1350	1356	N11	W67	10375	06	6.5	9	SF		3	E			21	
0119	SVTO	11	1404	1404	1407	N09	W65	10375	06	6.7	3	SF		3	E			20	
0120	SVTO	11	1413	1413	1421	N10	W65	10375	06	6.7	8	SF		3	E			31	F
0121	SVTO	11	1517	1522	1549	N10	W61	10375	06	7.0	32	SF		3	E			47	F
0122		11	16093	16323	1711	N11	W61	10375	06	7.1	62	1F						112	F
	HOLL	11	1609	1635	1716	N12	W59	10375	06	7.2	67	1F		3	E			101	
	SVTO	11	1612	1632	1706	N10	W63	10375	06	6.9	54	1F		3	E			123	F
0123		11	1721	1747	1830	S17	E22	10380	06	13.4	69	1F						82	UZ
	HOLL	11	1721	1747	1830	S16	E23	10380	06	13.5	69	1F		3	E			105	ZU
	SVTO	11	1723E	1740U	1744D	S18	E22	10380	06	13.4	21D	SF		2	E			60	
0124	HOLL	11	1832	1835	1901	N13	W60	10375	06	7.2	29	SF		3	E			51	
0125	HOLL	11	1943	1950	1955	N10	W64	10375	06	7.0	12	SF		3	E			63	F
0126	HOLL	11	2001	2023	2122	N14	W57	10375	06	7.5	81	1N		3	E			228	FU
0127	HOLL	11	2122	2123	2126	N14	W55	10375	06	7.7	4	SF		3	E			19	
0128	HOLL	11	2108	2108	2117	S19	W05	10381	06	11.5	9	SF		3	E			22	

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															Apparent (10-6 Disk)	Corr (Sq Deg)	
0129	HOLL	11	2144	2144	2222	N15 W63	10375	06	7.1	38	SF	3	E		11		F
0130	HOLL	11	2239	2242	2247	N05 W27	10377	06	9.9	8	SF	3	E		13		
0131	HOLL	11	2337	2340	2420	N13 W65	10375	06	7.1	43	SF	3	E		38		
0132	LEAR	12	0101	0124	0331	N10 W54	10375	06	8.0	150	1N	2	E		239		FH
0133	HOLL	12	0101	0122	0143D	N15 W65	10375	06	7.1	42D	1F	3	E		179		
0134	SVTO	12	0441	0443	0451	N08 W69	10375	06	7.0	10	SF	3	E		64		F
0135	LEAR	12	0443	0444	0447	N10 W55	10375	06	8.1	4	SF	3	E		23		F
0136	SVTO	12	0529	0534	0539	N08 W69	10375	06	7.0	10	SF	3	E		22		
0137	SVTO	12	0547	0623	0652	S16 E16	10380	06	13.4	65	SF	3	E		40		
0138	KANZ	12	0636E	0636U	0651	S17 E15	10380	06	13.4	15D	SF	2	E				
0139	SVTO	12	0651	0653	0657	N13 W57	10375	06	8.0	6	SF	3	E		20		
0140		12	0713	07131	0717	N10 W76	10375	06	6.6	4	SF				71		
	KANZ	12	0713	0713	0716	N10 W75	10375	06	6.7	3	SF	2	E				
	SVTO	12	0713	0714	0718	N08 W76	10375	06	6.6	5	SF	3	E		97		
	LEAR	12	0713	0714	0718	N11 W77	10375	06	6.5	5	SF	3	E		45		
0141		12	08057	0812	0817	N10 W75	10375	06	6.7	12	SF				28		F
	KANZ	12	0805	0812	0817	N11 W70	10375	06	7.1	12	SF	2	E				
	LEAR	12	0812	0812	0817	N12 W78	10375	06	6.5	5	SF	3	E		26		F
	SVTO	12	0812	0812	0817	N08 W76	10375	06	6.6	5	SF	3	E		31		F
0142	SVTO	12	0806	0806	0809	N08 W74	10375	06	6.8	3	SF	3	E		29		
0143		12	0814*	08294	0910	S18 E17	10380	06	13.6	56	SF				66		F
	SVTO	12	0814	0830	0921	S18 E15	10380	06	13.5	67	SF	3	E		77		F
	KANZ	12	0814	0833	0920	S17 E14	10380	06	13.4	66	SF	2	E				
	LEAR	12	0826	0829	0850	S20 E22	10380	06	14.0	24	SF	3	E		55		F
0144	LEAR	12	0815	0815	0820	S18 E21	10380	06	13.9	5	SF	3	E		15		F
0145		12	08562	08581	0904	N08 W72	10375	06	7.0	8	SF				47		
	KANZ	12	0856	0858	0906	N10 W73	10375	06	6.9	10	SF	2	E				
	SVTO	12	0858	0859	0902	N07 W72	10375	06	7.0	4	SF	3	E		47		
0146		12	0947	0949	0958	S17 E14	10380	06	13.5	11	SF				18		
	KANZ	12	0947	0949	0958	S17 E13	10380	06	13.4	11	SF	2	E				
	SVTO	12	0947	0949	0958	S17 E14	10380	06	13.5	11	SF	3	E		18		
0147		12	10241	1027	1031	N10 W76	10375	06	6.7	7	SF				99		F
	KANZ	12	1024	1027	1031	N12 W75	10375	06	6.8	7	SF	2	E				
	SVTO	12	1025	1027	1031	N09 W78	10375	06	6.6	6	SF	3	E		99		F
0148		12	14012	1404	1409	N09 W72	10375	06	7.2	8	SF				44		H
	HOLL	12	1401	1404	1411	N10 W65	10375	06	7.7	10	SF	3	E		58		H
	SVTO	12	1403	1404	1407	N08 W80	10375	06	6.6	4	SF	3	E		30		
0149	HOLL	12	1412	1414	1416	N11 W74	10375	06	7.0	4	SF	3	E		16		
0150	HOLL	12	1416	1419	1421	N12 W72	10375	06	7.2	5	SF	3	E		12		
0151	KANZ	12	1507	1508	1513	N16 W37	10382A06		9.8	6	SF	2	E				
0152	HOLL	12	1533	1537	1542	N15 W73	10375	06	7.1	9	SF	3	E		14		F
0153	HOLL	12	1547	1549	1559	N14 W73	10375	06	7.1	12	SF	3	E		25		
0154	HOLL	12	1700	1704	1721	N14 W73	10375	06	7.2	21	SF	3	E		30		H

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JUNE 2003

Grp #	Sta	Start Day	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Opt	Xray	Imp See	Obs Type	Time (UT)	Area Measurement		Remarks
																Apparent (10-6 Disk)	Corr (Sq Deg)	
0201	SVTO	22	0948	0950	N04	W28	10388	06	20.3	6	SF		3	E		42		
0202	HOLL	22	2147	2154	N00	W34	10388	06	20.4	7	SF		3	E		13		
		23	0209	0352	No Flare Patrol													
0203	HOLL	23	1540	1541	S04	W19	10386	06	22.2	6	SF		3	E		18		FS
0204	HOLL	23	1705	1706	N02	W45	10388	06	20.3	6	SF		3	E		27		F
		24	0210	0218	No Flare Patrol													
0205		24	0453	0456	N14	E01	10391	06	24.3	13	SF					26		
	SVTO	24	0453	0456	N16	E01	10391	06	24.3	13	SF		3	E		26		
	LEAR	24	0453	0457	N13	E01	10391	06	24.3	13	SF		3	E		26		
0206		24	06294	06321	N14	W02	10391	06	24.1	8	SF					19		
	KANZ	24	0629	0632	N13	W02	10391	06	24.1	9	SF		2	E				
	SVTO	24	0633	0633	N14	W01	10391	06	24.2	3	SF		3	E		19		
0207		24	08506	08575	N14	W02	10391	06	24.2	14	SF					12		
	KANZ	24	0850	0902	N13	W03	10391	06	24.1	15	SF		2	E				
	SVTO	24	0856	0857	N14	W02	10391	06	24.2	7	SF		3	E		12		
0208		24	09204	09252	N14	W02	10391	06	24.2	14	SF					26		
	KANZ	24	0920	0927	N13	W02	10391	06	24.2	17	SF		2	E				
	SVTO	24	0924	0925	N14	W03	10391	06	24.2	6	SF		3	E		26		
0209		24	1019	10251	N14	W04	10391	06	24.1	19	SF					72		
	SVTO	24	1019	1025	N14	W03	10391	06	24.2	17	SF		3	E		72		
	KANZ	24	1019	1026	N13	W04	10391	06	24.1	20	SF		2	E				
0210	SVTO	24	1130	1131	N14	W04	10391	06	24.2	5	SF		3	E		13		
0211	SVTO	24	1231	1231	N14	W04	10391	06	24.2	4	SF		3	E		20		
0212		24	13241	13263	N14	W06	10391	06	24.1	19	SF					33		
	HOLL	24	1324	1329	N13	W07	10391	06	24.0	21	SF		3	E		37		
	SVTO	24	1325	1326	N14	W05	10391	06	24.2	16	SF		3	E		29		
		25	0221	0227	No Flare Patrol													
0213	KANZ	25	0816	0819	N15	W16	10391	06	24.1	3	SF		2	E				
0214	HOLL	25	1518	1518	S17	E62	10393	06	30.3	7	SF		3	E		12		FH
		26	0146	0354	No Flare Patrol													
		27	2042	2400	No Flare Patrol													
		28	0000	0017	No Flare Patrol													
		28	0312	0413	No Flare Patrol													
		28	2105	2400	No Flare Patrol													
		29	0000	0153	No Flare Patrol													
		29	0213	0356	No Flare Patrol													
		29	0416	0424	No Flare Patrol													
		29	0428	0509	No Flare Patrol													
		29	1409	1436	No Flare Patrol													
0215	HOLL	29	1606	1606	S04	W35	10396	06	27.0	3	SF		3	E		11		F
0216	HOLL	29	1912	1913	S03	W43	10396	06	26.6	7	SF		3	E		23		
		29	2035	2051	No Flare Patrol													
0217	HOLL	29	2150	2157	S02	W45	10396	06	26.5	23	SF		3	E		52		FH
		29	2231	2352	No Flare Patrol													
0218		30	00071	00133	S04	W45	10396	06	26.6	21	SF					58		F
	HOLL	30	0007	0016	S04	W42	10396	06	26.9	23	SF		3	E		62		
	LEAR	30	0008	0013	S03	W48	10396	06	26.4	17	SF		4	E		54		F

H α SOLAR FLARES

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Grp #	Sta	Start Day	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Opt	Xray	Imp See	Obs Type	Time (UT)	Area Measurement		Remarks	
																Apparent (10-6 Disk)	Corr (Sq Deg)		
0219		30 0019	00212	0030	N11	E49	10397 07	3.7	11	SF							53	F	
	LEAR	30 0019	0021	0030	N10	E52	10397 07	3.9	11	SF			4	E			40	F	
	HOLL	30 0019	0023	0030	N12	E46	10397 07	3.5	11	SF			3	E			66		
0220	LEAR	30 0220	0225	0250	S03	W49	10396 06	26.4	30	SF			4	E			66	F	
0221	LEAR	30 0513	0519	0522	S04	W51	10396 06	26.4	9	SF			3	E			23	F	
0222		30 0733	0736	0801	N04	E40	10397 07	3.3	28	1F							241	F	
	KANZ	30 0733	0736	0800	N05	E40	10397 07	3.3	27	1F			2	E					
	SVTO	30 0735E	0738U	0802	N04	E40	10397 07	3.3	27D	1F			3	E			241	F	
0223	LEAR	30 0735	0738	0759	N04	E48	10397 07	3.9	24	1F			2	E			151	F	
0224		30 09011	0904	0908	S04	W46	10396 06	26.9	7	SF							14		
	KANZ	30 0901	0904	0908	S03	W46	10396 06	26.9	7	SF			2	E					
	SVTO	30 0902	0904	0907	S04	W47	10396 06	26.9	5	SF			3	E			14		
0225	KANZ	30 0915	0918	0949	N17	W19	10390 06	28.9	34	SF			2	E					
0226		30 15014	15065	1525	N17	E60	10399 07	5.2	24	1F							75	F	
	HOLL	30 1501	1506	1525	N18	E60	10399 07	5.2	24	SF			3	E			46	F	
	SVTO	30 1505	1511	1517D	N16	E59	10399 07	5.1	12D	1F			3	E			104		
		30 1844		1853	No Flare Patrol														
		30 2045		2148	No Flare Patrol														

"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