Hα SOLAR FLARES

DECEMBER 2002

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
0001	LEAR	01	0355	0356	0406	S21	E61	10209	12	5.8	11	SF		3	E		42		
0002	KANZ	01	1143	1145	1155	S19	E28	10207	12	3.6	12	SF		2	E				
0003	KANZ	01	1219	1220	1223	S19	E27	10207	12	3.6	4	SF		2	E				
0004		01	1224	12381	1250	N09	E50	10208	12	5.3	26	SF					31		F
	KANZ	01	1224	1239	1246	N08	E49	10208	12	5.2	22	SF		2	E				
	RAMY	01	1229E	1238	1254	N10	E50	10208	12	5.3	25D	SF		3	E		31		F
0005	RAMY	01	1525E	1533	1539	N10	E49	10208	12	5.3	14D	SF		3	E		60		F
0006	LEAR	02	0155	0157	0219	N10	E44	10208	12	5.4	24	1N		3	E		102		EF
		02	1026		1040	No Flare Patrol													
0007	RAMY	02	1927E	1929U	1958	N09	E32	10208	12	5.2	31D	SF		3	E		52		F
0008	RAMY	02	2041E	2041U	2104D	S19	E09	10207	12	3.5	23D	SF		2	E		21		F
		02	2045		2225	No Flare Patrol													
		02	2241		2342	No Flare Patrol													
0009	LEAR	03	0814	0817	0842	N09	E25	10208	12	5.2	28	SN		3	E		92		EF
		03	1029		1041	No Flare Patrol													
0010	RAMY	03	1317	1319	1323	N16	E83	10213	12	9.8	6	SF		3	E		16		
0011	RAMY	03	1334	1336	1350	S18	W06	10207	12	3.1	16	SF		3	E		31		F
0012	RAMY	03	1741	1741	1751	N10	E19	10208	12	5.2	10	SF		3	E		13		F
0013	RAMY	03	2013	2019	2030	S21	W04	10207	12	3.5	17	SF		3	E		21		
		03	2129		2138	No Flare Patrol													
		03	2150		2201	No Flare Patrol													
0014	LEAR	04	0334	0334	0342	S18	W13	10207	12	3.1	8	SF		3	E		27		FH
0015	LEAR	04	0555	0557	0614	N09	E12	10208	12	5.1	19	SF		3	E		19		F
		04	0849		0955	No Flare Patrol													
		04	1002		1405	No Flare Patrol													
0016	HOLL	04	1631	1631	1637	N16	E54	10212	12	8.8	6	SF		3	E		12		F
0017	HOLL	04	2240	2253	2257D	N16	E61	10213	12	9.6	17D	2N		3	E		363		
		04	2258		2400	No Flare Patrol													
		05	0000		0049	No Flare Patrol													
		05	1008		1129	No Flare Patrol													
		05	1227		1417	No Flare Patrol													
0018	LEAR	06	0546	0547	0549	N12	E33	10212	12	8.7	3	SF		4	E		23		F
0019	LEAR	06	0854	0855	0903	N12	W34	10214	12	3.8	9	SF		3	E		47		F
		06	1032		1053	No Flare Patrol													
		06	1132		1146	No Flare Patrol													
		06	1152		1220	No Flare Patrol													
		06	1239		2020	No Flare Patrol													
		06	2025		2117	No Flare Patrol													
		06	2123		2200	No Flare Patrol													
		07	1517		1646	No Flare Patrol													
		07	1650		1659	No Flare Patrol													
		07	1726		1836	No Flare Patrol													
		07	1854		1941	No Flare Patrol													
		07	2002		2108	No Flare Patrol													
		07	2122		2155	No Flare Patrol													

Hα SOLAR FLARES

DECEMBER 2002

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
0020	LEAR	08	0040	0041	0050	S13	E76	10220	12	13.8	10	SF		3	E		26		
0021	LEAR	08	0240	0240	0247	S13	E75	10220	12	13.8	7	SF		3	E		18		
0022	LEAR	08	0824	0825	0838	N11	W59	10214	12	3.9	14	SF		3	E		59		F
0023	LEAR	08	0915	0916	0922	S12	E70	10220	12	13.6	7	SF		3	E		13		
		08	1038		1432	No Flare Patrol													
		08	1732		1809	No Flare Patrol													
		08	1819		1826	No Flare Patrol													
		08	1944		2056	No Flare Patrol													
		08	2128		2236	No Flare Patrol													
0024	LEAR	08	2321	2331	2335	S19	E70	10218	12	14.3	14	SF		1	E		17		
		09	0304		0329	No Flare Patrol													
0025	LEAR	09	0402	0404	0429	S08	W13	10219	12	8.2	27	SF		3	E		28		FH
		09	1027		1408	No Flare Patrol													
0026	LEAR	10	0126	0130	0139	S11	E47	10220	12	13.6	13	SF		3	E		34		FH
0027	LEAR	10	0354	0356	0405	S11	E46	10220	12	13.6	11	SF		3	E		34		
0028	LEAR	10	0453	0500	0524	S18	E54	10218	12	14.3	31	SF		3	E		45		F
0029	LEAR	10	0518	0518	0523	N15	W05	10213	12	9.8	5	SF		3	E		10		
		10	1018		1622	No Flare Patrol													
0030	RAMY	10	1934E	1934U	2015D	S11	E36	10220	12	13.5	41D	SF		3	E		18		F
		10	2057		2141	No Flare Patrol													
0031	KANZ	11	0809	0811	0816	S11	E30	10220	12	13.6	7	SF		2	E				
0032	KANZ	11	0856	0909	0922	S07	E04	10222	12	11.7	26	SF		2	E				
0033	KANZ	11	0915	0918	0923D	S10	E26	10220	12	13.3	8D	SF		2	E				
		11	1040		1219	No Flare Patrol													
		11	1353		1410	No Flare Patrol													
		11	1439		1519	No Flare Patrol													
		11	1614		1649	No Flare Patrol													
		11	1724		1734	No Flare Patrol													
0034	KANZ	12	0953	0955	1011	N15	W50	10212	12	8.6	18	SF		2	E				
		12	1025		1057	No Flare Patrol													
		12	1634		1658	No Flare Patrol													
0035	RAMY	12	1844E	1857	1911	N24	E74	10223	12	18.5	27D	SF		3	E		18		
		12	2031		2050	No Flare Patrol													
0036	LEAR	13	0106	0106	0135	S12	E08	10220	12	13.6	29	SF		3	E		37		F
0037	LEAR	13	0436	0442	0447	N23	E66	10223	12	18.3	11	SF		3	E		18		
0038	LEAR	13	0659	0702	0714	N24	E66	10223	12	18.4	15	SF		3	E		30		
0039	LEAR	13	0834	0835	0842	S16	E63	10224	12	18.1	8	SF		3	E		37		FH
0040	KANZ	13	1015	1020	1031	S13	E04	10220	12	13.7	16	SF		2	E				
		13	1051		1353	No Flare Patrol													
		13	1403		1412	No Flare Patrol													

Hα SOLAR FLARES

DECEMBER 2002

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0041	HOLL	13	1904	1905	1911	S29	E57	10226	12	18.3	7	SF		3	E		18		
0042	HOLL	13	1906	1909	1911	S17	E63	10224	12	18.6	5	SF		3	E		12		
0043	HOLL	13	1924	1925	1946	S28	E57	10226	12	18.3	22	SF		3	E		23		
0044	RAMY	13	1958E	2009	2014D	S29	E56	10226	12	18.2	16D	SF		2	E		14		
0045	HOLL	13	2033	2055	2105	S28	E56	10226	12	18.2	32	SF		3	E		21		
0046	HOLL	13	2210	2233	2234	S28	E53	10226	12	18.1	24	SF		3	E		13		
0047	LEAR	13	2236	2237	2242	S29	E53	10226	12	18.1	6	SF		3	E		11		
0048	HOLL	13	2247	2255	2300	S28	E55	10226	12	18.2	13	SF		3	E		18		
0049		13	2301*	23214	2329	S28	E54	10226	12	18.2	28	SF					12		
	HOLL	13	2301	2321	2321U	S28	E54	10226	12	18.2	20U	SF		3	E		11		
	LEAR	13	2325	2325	2329	S29	E53	10226	12	18.1	4	SF		3	E		14		
		14	0011		0015	No Flare Patrol													
0050	LEAR	14	0245	0246	0257	N15	E59	10225	12	18.6	12	SF		3	E		51		F
0051	LEAR	14	0247	0247	0250	S29	E49	10226	12	17.9	3	SF		3	E		12		
0052	LEAR	14	0258	0301	0303	S29	E51	10226	12	18.1	5	SF		3	E		29		
0053	LEAR	14	0428	0435	0440	S28	E48	10226	12	17.9	12	SF		3	E		25		
0054	LEAR	14	0513	0513	0516	S16	E56	10224	12	18.5	3	SF		3	E		28		
0055	LEAR	14	0640	0648	0652	S12	W09	10220	12	13.6	12	SF		3	E		31		F
0056		14	0816	0838	0858	S28	E48	10226	12	18.1	42	1F					155		F
	KANZ	14	0816	0838	0857	S28	E47	10226	12	18.0	41	1F		2	E				
	LEAR	14	0816	0838	0858	S29	E48	10226	12	18.1	42	1F		3	E		155		F
0057		14	08594	09162	0934	S28	E48	10226	12	18.1	35	SF					57		F
	LEAR	14	0859	0918	0934	S29	E49	10226	12	18.2	35	SF		3	E		57		F
	KANZ	14	0903	0916	0933	S28	E47	10226	12	18.0	30	SF		2	E				
0058	KANZ	14	0953	0956	1001	S29	E48	10226	12	18.2	8	SF		2	E				
0059	KANZ	14	1307	1308	1317	S10	W09	10220	12	13.9	10	SF		2	E				
		14	1355		1412	No Flare Patrol													
0060	HOLL	14	1444	1458	1504	S28	E45	10226	12	18.1	20	SF		3	E		19		
0061	HOLL	14	1459	1502	1508	N16	E69	10225	12	19.8	9	SF		3	E		42		
0062	RAMY	14	1510E	1510U	1516	N24	E48	10223	12	18.3	6D	SF		2	E		32		F
0063	RAMY	14	1526E	1526U	1533	S29	E46	10226	12	18.2	7D	SF		2	E		42		F
0064	RAMY	14	1823E	1823U	1827	N17	E54	10225	12	18.9	4D	SF		3	E		21		F
0065	HOLL	14	2032	2034	2058	S28	E43	10226	12	18.2	26	SF		3	E		36		F
0066	HOLL	14	2105	2105	2109	S29	E44	10226	12	18.3	4	SF		3	E		13		
0067	HOLL	14	2037	2040	2043	N21	E67	10229	12	20.0	6	SF		3	E		15		
0068	HOLL	14	2150	2150	2155	S29	E43	10226	12	18.3	5	SF		3	E		15		
0069	HOLL	14	2206	2208	2212	N21	E66	10229	12	20.0	6	SF		3	E		94		
0070	HOLL	14	2213	2221	2224	N20	E66	10229	12	20.0	11	SF		3	E		22		

Hα SOLAR FLARES

DECEMBER 2002

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
0071	LEAR	14	2222	2232	2247	N16	E65	10229	12	19.9	25	SF		2	E		46		F
0072	HOLL	14	2220	2221	2235	S15	E62	10228	12	19.6	15	SF		3	E		37		
0073	LEAR	14	2356	2357	2402	N23	E43	10223	12	18.3	6	SF		3	E		20		F
0074	LEAR	15	0028	0029	0033	N18	E63	10229	12	19.8	5	SF		3	E		41		F
0075	LEAR	15	0129	0131	0133	S29	E39	10226	12	18.1	4	SF		3	E		16		
0076	LEAR	15	0140	0145	0205	S29	E39	10226	12	18.1	25	SF		3	E		17		F
0077	LEAR	15	0425	0425	0432	S29	E38	10226	12	18.2	7	SF		3	E		17		
0078	LEAR	15	0626	0626	0638	N17	E62	10229	12	20.0	12	SF		3	E		41		F
0079	LEAR	15	0643	0648	0652	N18	E60	10229	12	19.8	9	SF		3	E		53		F
0080	LEAR	15	0802	0803	0808	S28	E33	10226	12	17.9	6	SF		3	E		14		
0081	LEAR	15	1020	1021	1027D	S27	E31	10226	12	17.8	7D	SF		2	E		27		F
0082	LEAR	15	1022	1023	1027D	N17	E46	10225	12	18.9	5D	SF		2	E		12		F
		15	1028		1417	No Flare Patrol													
		15	1425		1815	No Flare Patrol													
		15	1825		1855	No Flare Patrol													
		15	1949		2146	No Flare Patrol													
		15	2207		2235	No Flare Patrol													
		15	2241		2254	No Flare Patrol													
		15	2325		2400	No Flare Patrol													
		16	0000		0013	No Flare Patrol													
0083	LEAR	16	0245	0246	0248	N07	E04	10227	12	16.4	3	SF		2	E		26		F
0084	LEAR	16	0333	0333	0337	N17	E47	10229	12	19.7	4	SF		2	E		15		
0085	LEAR	16	0446	0449	0454	S26	E22	10226	12	17.9	8	SF		3	E		11		
		16	0558		0623	No Flare Patrol													
0086	LEAR	16	0624E	0637	0653	S27	E22	10226	12	18.0	29D	SF		3	E		48		F
0087	LEAR	16	0654	0656	0700	S29	E24	10226	12	18.2	6	SF		3	E		29		
0088	LEAR	16	0704	0725	0823	S29	E24	10226	12	18.2	79	SF		3	E		65		F
0089	LEAR	16	0837	0844	0855	N21	E47	10229	12	20.0	18	SF		3	E		18		F
0090	KANZ	16	0917	0926	0951	N22	E38	10229	12	19.3	34	1F		2	E				
0091	LEAR	16	0926	0926	0956	N18	E45	10229	12	19.8	30	1F		3	E		158		F
0092		16	09271	0928	0934	S26	E19	10226	12	17.9	7	SF					11		
	KANZ	16	0927	0928	0935	S26	E19	10226	12	17.9	8	SF		2	E				
	LEAR	16	0928	0928	0934	S27	E19	10226	12	17.9	6	SF		3	E		11		
0093	KANZ	16	1009	1009	1016	N14	E37	10225	12	19.2	7	SF		2	E				
0094	KANZ	16	1102	1116U	1138	S26	E18	10226	12	17.8	36	SF		2	E				
0095		16	1108	1115	1143	N17	E32	10225	12	18.9	35	1N					153		F
	KANZ	16	1108	1115	1143	N17	E32	10225	12	18.9	35	1F		2	E				
	SVTO	16	1111E	1119U	1137D	N17	E32	10225	12	18.9	26D	1N		1	E		153		F
		16	1217		1228	No Flare Patrol													
		16	1244		1342	No Flare Patrol													
		16	1405		1449	No Flare Patrol													
		16	1604		1616	No Flare Patrol													
		16	1639		1710	No Flare Patrol													

Hα SOLAR FLARES

DECEMBER 2002

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0096	HOLL	16	1718	1719	1726	S26	E17	10226	12	18.0	8	SF		3	E		14		H
0097	HOLL	16	1933	1934	1950	S28	E16	10226	12	18.1	17	SF		3	E		24		FH
		16	2015		2124	No Flare Patrol													
		16	2207		2225	No Flare Patrol													
0098	LEAR	16	2248	2251	2326	S27	E10	10226	12	17.7	38	1N		2	E		114		EF
0099	HOLL	16	2308	2308U	2312D	S29	E15	10226	12	18.1	4D	1F		3	E		103		F
0100	LEAR	16	2330	2338	2407	N06	W08	10227	12	16.4	37	SF		1	E		63		F
0101	LEAR	17	0056	0100	0113	S26	E07	10226	12	17.6	17	SF		2	E		53		F
0102	LEAR	17	0107	0108	0111	N16	E19	10225	12	18.5	4	SF		2	E		14		
0103	LEAR	17	0158	0203	0226	S27	E09	10226	12	17.8	28	SF		2	E		37		F
0104	LEAR	17	0247	0250	0259	S26	E09	10226	12	17.8	12	SF		2	E		15		F
0105	LEAR	17	0328	0336	0339	S26	E05	10226	12	17.5	11	SF		2	E		17		
0106	LEAR	17	0445	0445	0451	N06	W10	10227	12	16.4	6	SF		3	E		19		F
0107	LEAR	17	0454	0505	0530	N06	W10	10227	12	16.4	36	SF		2	E		64		F
0108	LEAR	17	0552	0554	0621	N19	E25	10229	12	19.1	29	SF		2	E		16		
0109	LEAR	17	0635	0636	0646	S27	E07	10226	12	17.8	11	SF		2	E		27		
0110	LEAR	17	0719	0723	0728	N05	W12	10227	12	16.4	9	SF		1	E		26		
0111		17	0755	0819	0857	N06	W13	10227	12	16.3	62	SF					59		F
	LEAR	17	0755	0819	0859	N06	W13	10227	12	16.3	64	SF		1	E		59		F
	KANZ	17	0841E		0855	N05	W13	10227	12	16.4	14D	SF		2	E				
0112		17	1001	10061	1022	N05	W14	10227	12	16.4	21	1F					114		F
	KANZ	17	1001	1006	1022	N05	W14	10227	12	16.4	21	1F		2	E				
	LEAR	17	1001	1007	1020D	N05	W14	10227	12	16.4	19D	1F		1	E		114		F
		17	1111		1225	No Flare Patrol													
0113	RAMY	17	1351E	1419U	1430D	N05	W15	10227	12	16.4	39D	SF		2	E		24		F
		17	1424		1440	No Flare Patrol													
		17	1824		1838	No Flare Patrol													
0114		17	1926	1927	1946	S27	E03	10226	12	18.0	20	SF					44		F
	RAMY	17	1917E	1917U	1953	S27	E01	10226	12	17.9	36D	SF		3	E		41		F
	HOLL	17	1926	1927	1938	S27	E05	10226	12	18.2	12	SF		2	E		48		
0115	HOLL	17	1929	1933	1938	N20	E17	10223	12	19.1	9	SF		2	E		60		F
		17	2019		2129	No Flare Patrol													
		17	2152		2217	No Flare Patrol													
0116	LEAR	17	2257	2339	2415	S27	E00	10226	12	17.9	78	SF		2	E		74		FH
0117	LEAR	18	0015	0022	0025	S29	E01	10226	12	18.1	10	SF		3	E		24		
0118	LEAR	18	0025	0033	0045	S28	E02	10226	12	18.2	20	SF		3	E		24		F
0119	LEAR	18	0224	0224	0230	S17	E01	10224	12	18.2	6	SF		3	E		36		FH
0120	LEAR	18	0231	0232	0241	S27	E00	10226	12	18.1	10	SF		3	E		31		FH
0121	LEAR	18	0538	0538	0544	S17	E00	10224	12	18.2	6	SF		3	E		32		

Hα SOLAR FLARES

DECEMBER 2002

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	See	Obs Type	Area Measurement Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0122	LEAR	18	0635	0639	0713	S28	W03	10226	12	18.0	38	1N		3	E		122		F
		18	1008		1025	No Flare Patrol													
		18	1040		1051	No Flare Patrol													
		18	1053		1112	No Flare Patrol													
		18	1125		1131	No Flare Patrol													
		18	1135		1414	No Flare Patrol													
		18	1431		2205	No Flare Patrol													
0123		18	22231	2224	2234	S28	W16	10226	12	17.7	11	SF					16		
	LEAR	18	2223	2224	2236	S27	W16	10226	12	17.7	13	SF		3	E		18		
	HOLL	18	2224	2224	2231	S28	W15	10226	12	17.8	7	SF		3	E		13		
0124	LEAR	18	2355	2358	2405	S10	E45	10230	12	22.4	10	SF		3	E		24		
0125	LEAR	19	0032	0035	0046	S27	W17	10226	12	17.7	14	SF		3	E		85		
0126	LEAR	19	0128	0144	0146	S23	W16	10226	12	17.8	18	SF		3	E		25		
0127	LEAR	19	0308	0308	0313	S28	W14	10226	12	18.0	5	SF		3	E		40		
0128	LEAR	19	0344	0348	0350	S28	W17	10226	12	17.8	6	SF		3	E		10		
0129	LEAR	19	0437	0446	0456	S09	E44	10230	12	22.5	19	SF		3	E		34		F
0130	LEAR	19	0531	0532	0537	S27	W18	10226	12	17.8	6	SF		3	E		29		
0131	LEAR	19	0730	0730	0740	S27	W23	10226	12	17.5	10	SF		2	E		30		F
0132	KANZ	19	0818	0819	0827	S28	W22	10226	12	17.6	9	SF		2	E				
0133	KANZ	19	0914	0914	0918	S10	E39	10230	12	22.3	4	SF		2	E				
0134	LEAR	19	0935	0940	0946	S29	W16	10226	12	18.1	11	SF		1	E		33		
0135	KANZ	19	0935	0941	0946	S27	W23	10226	12	17.6	11	SF		2	E				
0136	KANZ	19	1014	1015	1021	S15	W06	10224	12	19.0	7	SF		2	E				
0137	KANZ	19	1116	1118	1122	S16	W07	10224	12	18.9	6	SF		2	E				
0138	KANZ	19	1305	1309	1332	S27	W21	10226	12	17.9	27	SF		2	E				
0139	KANZ	19	1322	1323	1332	S17	W20	10224A	12	18.0	10	SF		2	E				
0140	KANZ	19	1346	1347	1357D	S17	W06	10224	12	19.1	11D	SF		2	E				
0141	HOLL	19	2005	2007	2017	S28	W27	10226	12	17.7	12	SF		3	E		22		FH
0142	HOLL	19	2138	2147	2207	N23	W21	10223	12	18.3	29	SF		3	E		10		
0143	HOLL	19	2138	2143	2303	N15	W09	10229	12	19.2	85	2N		3	E		306		UZ
0144	LEAR	19	2219E	2254U	2328	N18	W01	10229	12	19.8	69D	2F		3	E		290		FU
0145	HOLL	19	2322	2323	2327	N15	W09	10229	12	19.3	5	SF		3	E		27		F
0146	LEAR	19	2354	2355	2401	S09	E37	10230	12	22.8	7	SF		3	E		25		F
0147	LEAR	20	0034	0036	0057	S25	W27	10226	12	17.9	23	SF		3	E		48		
0148	LEAR	20	0144	0145	0147	S09	E35	10230	12	22.7	3	SF		3	E		12		
0149	LEAR	20	0225	0227	0232	S27	W32	10226	12	17.6	7	SF		3	E		37		
0150	LEAR	20	0539	0541	0554	S09	E33	10230	12	22.7	15	SF		2	E		36		F
0151	LEAR	20	0759	0801	0818	S23	W30	10226	12	18.0	19	SF		2	E		30		H

Hα SOLAR FLARES

DECEMBER 2002

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
0152		20	0823	0824*	0850	S24	W30	10226	12	18.0	27	SF					30		F
	SVTO	20	0823	0824	0834	S24	W31	10226	12	17.9	11	SF		3	E		13		F
	LEAR	20	0823	0843	0905	S24	W30	10226	12	18.0	42	SF		3	E		47		
0153		20	0827	0832	0845	S09	E32	10230	12	22.7	18	SF					48		F
	SVTO	20	0827E	0830U	0850D	S11	E33	10230	12	22.8	23D	SF		3	E		47		
	LEAR	20	0827	0832	0845	S07	E31	10230	12	22.7	18	SF		2	E		50		F
0154	KANZ	20	1213	1214	1220	S25	W32	10226	12	18.0	7	SF		2	E				
0155	KANZ	20	1249	1253	1300	S28	W31	10226	12	18.1	11	SF		2	E				
0156		20	1316	13181	1327	S26	W32	10226	12	18.1	11	SF					80		F
	KANZ	20	1316	1318	1322	S27	W31	10226	12	18.1	6	SF		2	E				
	SVTO	20	1316	1319	1326	S25	W34	10226	12	17.9	10	SF		3	E		70		
	RAMY	20	1322E	1322U	1334	S27	W31	10226	12	18.1	12D	SF		3	E		90		F
0157		20	2014	2014	2026D	S29	W34	10226	12	18.2	12D	1F					110		F
	HOLL	20	2014	2014	2024D	S29	W35	10226	12	18.1	10D	1F		3	E		104		F
	RAMY	20	2015E	2015U	2026D	S29	W34	10226	12	18.2	11D	1F		3	E		116		F
0158	LEAR	20	2304	2308	2311	S24	W37	10226	12	18.1	7	SF		3	E		14		
0159	LEAR	20	2319	2321	2326	S25	W37	10226	12	18.1	7	SF		3	E		33		
0160	LEAR	21	0002	0002	0004	S28	W38	10226	12	18.0	2	SF		3	E		23		
0161	LEAR	21	0023	0024	0142	N21	W15	10229	12	19.9	79	SF		3	E		24		
0162	LEAR	21	0028	0032	0035	S26	W37	10226	12	18.1	7	SF		3	E		22		H
0163	LEAR	21	0249	0250	0253	S27	W45	10226	12	17.6	4	SF		3	E		13		F
0164	LEAR	21	0342	0342	0354	N19	W19	10229	12	19.7	12	SF		3	E		23		
0165	LEAR	21	0440	0453	0505	S25	W41	10226	12	18.0	25	1F		3	E		175		FH
0166	LEAR	21	0950	0951	0958	S25	W44	10226	12	18.0	8	SF		2	E		48		
		21	1405		1417	No Flare Patrol													
		21	1509		1545	No Flare Patrol													
0167	RAMY	21	1905	1905	1917	S25	W49	10226	12	18.0	12	SF		3	E		32		FH
		21	1950		1954	No Flare Patrol													
		21	2015		2256	No Flare Patrol													
		22	1541		1631	No Flare Patrol													
		22	1703		1747	No Flare Patrol													
		22	1813		1925	No Flare Patrol													
		22	1940		2132	No Flare Patrol													
		22	2216		2247	No Flare Patrol													
0168	LEAR	22	2312	2315	2320	S13	W56	10224	12	18.7	8	SF		3	E		16		F
0169	LEAR	23	0050	0050	0054	S13	W57	10224	12	18.7	4	SF		3	E		20		
0170	LEAR	23	0541	0543	0550	N21	W43	10229	12	19.9	9	SF		3	E		33		
0171	LEAR	23	0618	0621	0625	N21	W42	10229	12	20.0	7	SF		2	E		35		F
0172		23	0917	0919	0922	S16	W62	10224	12	18.7	5	SF					29		
	LEAR	23	0917	0919	0923	S17	W63	10224	12	18.6	6	SF		2	E		29		
	KANZ	23	0920E		0922	S14	W62	10224	12	18.7	2D	SF		2	E				
0173	KANZ	23	1234	1234	1236	S16	W60	10224	12	19.0	2	SF		2	E				
0174	RAMY	23	1520E	1520U	1530	S25	W31	10231	12	21.2	10D	SF		3	E		18		F
		23	1810		2229	No Flare Patrol													

Hα SOLAR FLARES

DECEMBER 2002

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0175	LEAR	23	2339	2339	2342	S26	W78	10226	12	17.9	3	SF		3	E		23		
0176	LEAR	24	0259	0302	0308	S07	W21	10230	12	22.5	9	SF		3	E		16		
0177	LEAR	24	0524	0527	0534	S15	W69	10224	12	19.0	10	SF		3	E		53		F
0178	LEAR	24	0540	0542	0556	S07	W22	10230	12	22.6	16	SF		3	E		65		FH
0179	RAMY	24	1326E	1326U	1336	S15	W79	10224	12	18.6	10D	SF		3	E		31		F
0180	RAMY	24	1446E	1446U	1539	S15	W75	10224	12	18.9	53D	SF		3	E		84		FH
0181	RAMY	24	1642E	1642U	1721	S08	W30	10230	12	22.4	39D	SF		3	E		47		F
		24	1814		2018	No Flare Patrol													
0182	HOLL	24	2046	2047	2051	S15	W86	10224	12	18.3	5	SF		3	E		15		
		24	2134		2146	No Flare Patrol													
		25	0840		1153	No Flare Patrol													
		25	1826		1852	No Flare Patrol													
		25	1937		1940	No Flare Patrol													
		25	1945		2022	No Flare Patrol													
		25	2032		2045	No Flare Patrol													
0183	HOLL	25	2129	2137	2143	S09	W45	10230	12	22.5	14	SF		3	E		54		F
		25	2152		2209	No Flare Patrol													
		25	2214		2221	No Flare Patrol													
0184	LEAR	26	0159	0201	0212	S08	W48	10230	12	22.5	13	SF		3	E		36		F
0185	LEAR	26	0451	0452	0458	S09	W50	10230	12	22.4	7	SF		2	E		31		
		26	1031		1146	No Flare Patrol													
		26	1153		1324	No Flare Patrol													
0186		26	19521	1958	2011	N12	E16	10235	12	28.0	19	SF					38		F
	RAMY	26	1952	2001U	2011D	N12	E18	10235	12	28.2	19D	SF		3	E		41		
	HOLL	26	1953	1958	2011	N13	E15	10235	12	28.0	18	SF		3	E		34		F
0187	RAMY	26	2012E	2013U	2018	N12	E18	10235	12	28.2	6D	SF		3	E		15		
		27	1039		1134	No Flare Patrol													
0188	RAMY	27	1333E	1333U	1347	S07	W66	10230	12	22.6	14D	SF		3	E		21		F
0189		27	1649	1651	1700	N16	W24	10236	12	25.9	11	SF					14		F
	RAMY	27	1646E	1646U	1703	N16	W23	10236	12	25.9	17D	SF		3	E		15		F
	HOLL	27	1649	1651	1656	N17	W24	10236	12	25.9	7	SF		3	E		13		
0190	HOLL	27	2154	2154	2207	N14	E02	10235	12	28.1	13	SF		3	E		24		HU
		28	1031		1419	No Flare Patrol													
0191	KANZ	29	1024	1025	1030	S16	E51		01	2.3	6	SF		2	E				
		29	1201		1205	No Flare Patrol													
		29	1232		1245	No Flare Patrol													
		29	1306		1310	No Flare Patrol													
		29	1418		1502	No Flare Patrol													
		29	1521		1610	No Flare Patrol													
		29	1618		2210	No Flare Patrol													
0192	RAMY	30	1418	1418	1427	N18	E01	10234	12	30.7	9	SF		3	E		16		F
0193	LEAR	31	0043	0044	0053	S12	E22	10239	01	1.7	10	SF		3	E		18		F
0194	LEAR	31	0203	0205	0237	N15	W06	10234	12	30.6	34	SF		3	E		54		F

Hα SOLAR FLARES

DECEMBER 2002

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0195	LEAR	31	0242	0246	0307	N18	W09	10234	12	30.4	25	SF		3	E		26		F
0196	LEAR	31	0702	0702	0710	N20	W09	10234	12	30.6	8	SF		3	E		18		
		31	1040		1119	No Flare Patrol													

"Remarks"

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.
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.

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