Hα SOLAR FLARES

APRIL 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	Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0001	LEAR	01	0237	0239	0242	N14	E16	9885	04	2.3	5	SF		3	E		14		F
0002		01	0810	0810	0814	N00	E32	9887	04	3.7	4	SF					15		F
	LEAR	01	0810	0810	0814	N00	E32	9887	04	3.7	4	SF		3	E		15		F
	SVTO	01	0810	0810	0814	N00	E31	9887	04	3.6	4	SF		3	E		15		
	KANZ	01	0810	0810	0814	N00	E32	9887	04	3.7	4	SF		2	E				
0003	KANZ	01	1105	1106	1109	N12	W01	9885	04	1.4	4	SF		2	E				
0004	KANZ	01	1138	1139	1140	N10	E04	9885	04	1.8	2	SF		2	E				
0005		01	13131	1314	1317	N02	E29	9887	04	3.7	4	SF					14		
	SVTO	01	1313	1314	1317	N01	E29	9887	04	3.7	4	SF		3	E		14		
	KANZ	01	1314	1314	1317	N02	E29	9887	04	3.7	3	SF		2	E				
0006		01	13589	1408	1412	N01	E29	9887	04	3.7	14	SF					20		
	KANZ	01	1358	1408	1412	N01	E30	9887	04	3.8	14	SF		2	E				
	SVTO	01	1359	1408	1413	N01	E29	9887	04	3.7	14	SF		3	E		22		
	RAMY	01	1407	1408	1412	N00	E29	9887	04	3.7	5	SF		3	E		17		
0007		01	1420	1424	1432	S00	E28	9887	04	3.7	12	SF					15		F
	KANZ	01	1420	1424	1430	N00	E28	9887	04	3.7	10	SF		2	E				
	SVTO	01	1420	1424	1433	S01	E28	9887	04	3.7	13	SF		3	E		15		F
0008		01	1444	1445	1454	N11	E07	9885	04	2.1	10	SF					44		FH
	KANZ	01	1444	1445	1453	N12	E07	9885	04	2.1	9	SF		2	E				
	SVTO	01	1444	1445	1454	N11	E07	9885	04	2.1	10	SF		3	E		43		FH
	RAMY	01	1444	1445	1454	N11	E08	9885	04	2.2	10	SF		3	E		44		FH
0009		01	15311	15331	1549	N10	E21	9886	04	3.2	18	SF					34		F
	KANZ	01	1531	1533	1548	N10	E22	9886	04	3.3	17	SF		2	E				
	SVTO	01	1531	1533	1552	N11	E20	9886	04	3.1	21	SF		3	E		38		F
	RAMY	01	1532	1534	1547	N10	E21	9886	04	3.2	15	SF		3	E		30		F
0010	RAMY	01	1713	1713	1718	S01	E28	9887	04	3.8	5	SF		3	E		14		
0011	RAMY	01	1720	1722	1730	S01	E28	9887	04	3.8	10	SF		3	E		12		F
		01	1913		1929	No Flare Patrol													
		01	1953		2352	No Flare Patrol													
0012	MITK	02	0049	0050	0052	N03	E22	9887	04	3.7	3	SN			C	0050	81	0.9	H
		02	0305		0317	No Flare Patrol													
		02	0325		0330	No Flare Patrol													
0013	LEAR	02	0352	0355	0358	N03	E20	9887	04	3.6	6	SF		2	E		19		F
0014	LEAR	02	0402	0406	0413	N03	E21	9887	04	3.7	11	SF		2	E		28		F
		02	0422		0454	No Flare Patrol													
0015	SVTO	02	1032	1036	1049	N01	E19	9887	04	3.8	17	SF		3	E		28		F
0016		02	13171	13211	1347	S01	E18	9887	04	3.9	30	SF					67		FH
	SVTO	02	1317	1321	1345	S01	E19	9887	04	4.0	28	SF		3	E		75		F
	KANZ	02	1317	1321	1351	N00	E18	9887	04	3.9	34	SF		2	E				
	RAMY	02	1318	1322	1346	S01	E18	9887	04	3.9	28	SF		3	E		59		FH
0017		02	1407	14071	1425	N02	E17	9887	04	3.8	18	SF					40		F
	RAMY	02	1407	1407	1425	N01	E16	9887	04	3.8	18	SF		3	E		35		F
	SVTO	02	1407	1407	1428	N02	E17	9887	04	3.8	21	SF		3	E		45		F
	KANZ	02	1407	1408	1423	N02	E17	9887	04	3.8	16	SF		2	E				
0018		02	1444	14441	1450	N02	E16	9887	04	3.8	6	SF					17		F
	SVTO	02	1444	1444	1450	N02	E17	9887	04	3.9	6	SF		3	E		17		F
	KANZ	02	1444	1445	1450	N02	E16	9887	04	3.8	6	SF		2	E				

APRIL 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	Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0019		02	1544	1545	1551	N02	E16	9887	04	3.8	7	SF					20		FH
	SVTO	02	1544	1545	1549	N02	E16	9887	04	3.8	5	SF		3	E		18		F
	RAMY	02	1544	1545	1552	N01	E16	9887	04	3.8	8	SF		3	E		23		H
	KANZ	02	1544	1545	1552	N02	E16	9887	04	3.8	8	SF		2	E				
0020		02	16281	16291	1632	N02	E16	9887	04	3.9	4	SF					23		F
	KANZ	02	1628	1629	1635D	N02	E15	9887	04	3.8	7D	SF		2	E				
	RAMY	02	1629	1630	1632	N01	E16	9887	04	3.9	3	SF		3	E		23		F
0021	RAMY	02	1659	1701	1710	N01	E15	9887	04	3.8	11	SF		3	E		58		F
		02	1857		2331	No Flare Patrol													
0022	LEAR	03	0531	0533	0542	N01	E10	9887	04	4.0	11	SF		3	E		48		F
		03	0836		1057	No Flare Patrol													
0023	RAMY	03	1133	1134	1137	S11	E10	9888	04	4.2	4	SF		3	E		17		F
		03	1647		1725	No Flare Patrol													
		03	1734		2254	No Flare Patrol													
0024	LEAR	04	0336	0337	0344	N18	E77	9893	04	10.0	8	SF		3	E		37		H
0025	LEAR	04	0345	0350	0353	N18	E77	9893	04	10.0	8	SF		3	E		17		
0026	LEAR	04	0427	0430	0442	N18	E77	9893	04	10.0	15	SF		3	E		43		F
0027		04	06522	0655	0659	S10	W02	9888	04	4.1	7	SN					64	0.6	DF
	LEAR	04	0652	0655	0702	S10	W02	9888	04	4.1	10	SF		3	E		67		F
	MITK	04	0654	0655	0656	S10	W01	9888	04	4.2	2	SN			C	0655	61	0.6	D
		04	1053		1109	No Flare Patrol													
		04	1111		1117	No Flare Patrol													
0028	KANZ	04	1435	1436	1440D	N14	W26	9886	04	2.6	5D	SF		2	E				
0029	RAMY	04	1435	1437	1447	N14	W25	9885	04	2.7	12	SF		3	E		95		F
		04	1635		1645	No Flare Patrol													
		04	1734		1804	No Flare Patrol													
		04	1812		2045	No Flare Patrol													
0030	HOLL	04	2156	2158	2200	N18	E69	9893	04	10.2	4	SF		3	E		19		
0031	HOLL	04	2252	2255	2303	N08	E75	9895	04	10.6	11	SF		3	E		37		
0032	HOLL	04	2304	2305	2308	N08	E73	9895	04	10.4	4	SF		3	E		26		
0033	LEAR	05	0414	0418	0425	N14	W40	9885	04	2.1	11	SF		3	E		44		F
0034	KANZ	05	0759	0801	0803	N01	W25	9887	04	3.5	4	SF		2	E				
0035	KANZ	05	1037	1038	1040	N00	W25	9887	04	3.6	3	SF		2	E				
		05	1102		1106	No Flare Patrol													
		05	1108		1131	No Flare Patrol													
		05	1414		1430	No Flare Patrol													
0036	HOLL	05	1443	1447	1454	N00	W24	9887	04	3.8	11	SF		3	E		26		
0037	HOLL	05	1447	1451	1455	N14	W36	9885	04	2.9	8	SF		3	E		22		F
0038		05	15181	15181	1534	N18	E60	9893	04	10.2	16	SF					21		
	HOLL	05	1518	1518	1543	N18	E60	9893	04	10.2	25	SF		3	E		26		
	RAMY	05	1519	1519	1524	N17	E59	9893	04	10.1	5	SF		3	E		16		
0039	RAMY	05	1718	1720	1723	N15	W36	9886	04	3.0	5	SF		3	E		21		F

Hα SOLAR FLARES

APRIL 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	Imp See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0040	RAMY	05	1755	1800	1807	S14	W17	9888	04	4.5	12	SF		3	E		17		F
0041	HOLL	05	1949	1951	2012	N13	W38	9885	04	2.9	23	SF		3	E		83		F
0042	HOLL	05	2017	2018	2021	N13	W38	9885	04	3.0	4	SF		3	E		13		
0043	HOLL	05	1953	1953	2005	N18	E58	9893	04	10.2	12	SF		3	E		10		F
		05	2104		2145	No Flare Patrol													
0044	HOLL	05	2242	2242	2249	N13	W39	9885	04	3.0	7	SF		3	E		39		
		05	2324		2327	No Flare Patrol													
0045	LEAR	06	0139E	0139U	0146	S17	E48		04	9.7	7D	SF		2	E		16		
0046	LEAR	06	0312	0318	0329	N18	E55	9893	04	10.3	17	SF		2	E		24		F
0047	LEAR	06	0603	0610	0642	N18	E52	9893	04	10.2	39	SF		4	E		58		F
0048	LEAR	06	0612	0616	0652	S20	E85	9898	04	12.7	40	1F		4	E		114		EF
0049	SVTO	06	0614	0618	0631	S20	E74	9898	04	11.9	17	SF		3	E		17		
0050		06	14061	14061	1410	N00	W36	9887	04	3.9	4	SF					31		F
	HOLL	06	1406	1406	1410	N01	W36	9887	04	3.9	4	SF		3	E		36		F
	SVTO	06	1407	1407	1411	N00	W37	9887	04	3.8	4	SF		3	E		26		
0051	HOLL	06	1614	1616	1624	N18	E46	9893	04	10.2	10	SF		3	E		13		F
		06	1900		1906	No Flare Patrol													
		06	1919		1923	No Flare Patrol													
0052	HOLL	06	1947	1947	2004D	N17	E45	9893	04	10.2	17D	SF		3	E		22		
0053	RAMY	06	1955	1956	1959	N15	W64	9885	04	2.0	4	SF		3	E		33		
		06	2010		2020	No Flare Patrol													
		06	2108		2118	No Flare Patrol													
		06	2122		2257	No Flare Patrol													
0054	LEAR	07	0225	0228	0244	N19	E79	9899	04	13.1	19	1F		3	E		121		
0055	LEAR	07	0231	0243	0308	N15	E32	9893	04	9.5	37	SF		3	E		82		
0056	LEAR	07	0444	0444	0455	N18	E41	9893	04	10.3	11	SF		3	E		13		H
0057	LEAR	07	0521	0522	0527	N18	E37	9893	04	10.0	6	SF		3	E		43		F
0058	KANZ	07	0751	0751	0755	S19	E14	9904	04	8.4	4	SF		2	E				
0059		07	08162	08215	0842	N18	E33	9893	04	9.8	26	SF					52		F
	LEAR	07	0816	0826	0842	N18	E32	9893	04	9.8	26	SF		2	E		52		F
	KANZ	07	0817	0821	0851	N18	E33	9893	04	9.8	34	SF		2	E				
	SVTO	07	0818	0821	0833	N17	E34	9893	04	9.9	15	SF		3	E		53		F
0060		07	1428	14245	1439	S19	E55	9898	04	11.8	11	SF					35		F
	SVTO	07	1421E	1424	1438	S20	E56	9898	04	11.9	17D	SF		3	E		21		F
	HOLL	07	1428	1429	1440	S18	E54	9898	04	11.7	12	SF		3	E		49		F
0061	HOLL	07	1509	1511	1528	N20	E41	9901	04	10.8	19	SF		3	E		21		
0062	SVTO	07	1522	1522	1528	N18	E42	9901	04	10.8	6	SF		3	E		10		
		07	1618		1631	No Flare Patrol													
		07	1641		1748	No Flare Patrol													
		07	1756		1832	No Flare Patrol													
		07	1919		1925	No Flare Patrol													
		07	2349		2400	No Flare Patrol													
		08	0000		0007	No Flare Patrol													

APRIL 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
0063	LEAR	08	0300	0304	0320	N20	E56	9899	04	12.4	20	SF		3	E		92		EF
0064	LEAR	08	0329	0331	0334	N19	E34	9901	04	10.7	5	SF		3	E		19		F
0065	LEAR	08	0346	0350	0405	N20	E33	9901	04	10.7	19	SF		3	E		23		F
0066	LEAR	08	0523	0523	0534	S20	E49	9898	04	12.0	11	SF		3	E		22		
0067	SVTO	08	1120	1122	1130	N18	E54	9899	04	12.6	10	SF		3	E		15		F
0068	SVTO	08	1202	1203	1207	N02	W63	9887	04	3.8	5	SF		3	E		16		
0069		08	1344	13452	1359	S13	W54	9888	04	4.5	15	SF					14		F
	RAMY	08	1344	1345	1357	S12	W56	9888	04	4.3	13	SF		3	E		13		
	HOLL	08	1344	1347	1401	S14	W53	9888	04	4.6	17	SF		3	E		16		F
0070	HOLL	08	1724	1727	1735	S18	E41	9898	04	11.8	11	SF		3	E		31		FU
0071	HOLL	08	2041	2044	2103	N21	E49	9899	04	12.6	22	SF		3	E		90		F
0072	HOLL	08	2320	2323	2331	N20	E46	9899	04	12.5	11	SF		3	E		17		
0073		09	00392	0040	0104	N19	E46	9899	04	12.5	25	2N					254		FH
	LEAR	09	0039	0040	0104	N19	E46	9899	04	12.5	25	2B		3	E		341		FH
	HOLL	09	0041	0044U	0105D	N19	E45	9899	04	12.5	24D	1F		3	E		167		
0074	LEAR	09	0536	0548	0624	N20	E50	9899	04	13.0	48	1F		3	E		179		FH
0075	LEAR	09	0602	0607	0620	N17	E70	9903	04	14.6	18	1F		3	E		205		F
		09	0959		1310	No Flare Patrol													
0076	HOLL	09	1731	1734	1742	S16	W04	9904	04	9.4	11	SF		3	E		14		F
0077	HOLL	09	1906	1921	1939	S15	W05	9904	04	9.4	33	SF		3	E		36		F
		09	2308		2310	No Flare Patrol													
0078	LEAR	10	0044	0059	0117	N19	E33	9899	04	12.5	33	SF		3	E		70		F
0079	LEAR	10	0300	0302	0308	S30	W21	9900	04	8.5	8	SF		3	E		13		F
0080	LEAR	10	0353	0355	0414	N21	E39	9899	04	13.1	21	SF		3	E		53		F
0081	LEAR	10	0418	0426	0440	N20	E31	9899	04	12.5	22	SF		2	E		76		FH
0082	LEAR	10	0642	0649	0708	N20	E31	9899	04	12.6	26	1F		2	E		126		FH
0083	LEAR	10	0743	0744	0749	N18	E63	9903	04	15.1	6	SF		2	E		45		FH
0084		10	11142	1117	1130	N17	E26	9899	04	12.4	16	SF					28		F
	RAMY	10	1114	1117	1135	N18	E26	9899	04	12.4	21	SF		3	E		39		F
	SVTO	10	1116	1117	1125	N16	E27	9899	04	12.5	9	SF		3	E		16		
0085	RAMY	10	1124	1124	1131	N18	W10	9893	04	9.7	7	SF		3	E		57		
0086	RAMY	10	1229	1230	1233	N19	E04	9901	04	10.8	4	SF		3	E		19		
0087	HOLL	10	1331	1335	1414	N20	E03	9901	04	10.8	43	SF		3	E		55		F
0088	HOLL	10	1540	1541	1544	N19	W11	9893	04	9.8	4	SF		3	E		33		F
0089	RAMY	10	1639	1640	1643	N21	W05	9893	04	10.3	4	SF		3	E		15		
0090	HOLL	10	1851	1858	1915	S16	W20	9904	04	9.3	24	SF		3	E		22		F
0091	HOLL	10	1902	1904	1933	N17	E23	9899	04	12.5	31	1N		3	E		172		FH
0092	HOLL	10	2228E	2242U	2259D	S29	W29	9900	04	8.7	31D	SF		3	E		16		F

Hα SOLAR FLARES

APRIL 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
		10	2231		2250	No Flare Patrol													
0093	LEAR	11	0047	0047	0053	N20	E27	9899	04	13.1	6	SF		2	E		11		F
0094	LEAR	11	0147	0153	0211	N20	W10	9893	04	10.3	24	1N		2	E		117		UZ
0095	LEAR	11	0153	0154	0203	N16	E45	9902	04	14.5	10	SF		2	E		16		F
0096	LEAR	11	0157	0158	0201	N18	E47	9903	04	14.7	4	SF		2	E		15		
0097	LEAR	11	0307	0310U	0314	S19	E09	9898	04	11.8	7	SF		2	E		20		F
0098	LEAR	11	0346	0346	0354	N21	W17	9893	04	9.8	8	SF		2	E		14		F
0099	LEAR	11	0347	0347	0352	N21	W03	9901	04	10.9	5	SF		2	E		14		
0100	LEAR	11	0406	0406	0411	S28	W32	9900	04	8.7	5	SF		2	E		19		F
0101	LEAR	11	0601	0606	0641	S29	W31	9900	04	8.8	40	SF		2	E		77		F
		11	0732		0742	No Flare Patrol													
		11	0941		0951	No Flare Patrol													
0102	KHAR	11	0952E		0958	N18	E14	9899	04	12.5	6D	SF		2	P	0956	180		EO
		11	1031		1258	No Flare Patrol													
0103		11	1619	1625	1705	S15	W33	9904	04	9.2	46	1F					142		FU
	HOLL	11	1619	1624U		S15	W33	9904	04	9.2		1F		3	E		123		
	RAMY	11	1619	1625	1705	S15	W33	9904	04	9.2	46	1F		3	E		161		UF
0104	HOLL	11	2259	2300	2307	N18	W28	9893	04	9.8	8	SF		3	E		24		F
0105	LEAR	12	0146	0147	0153	S12	E36	9906	04	14.8	7	SF		3	E		14		FH
0106	LEAR	12	0306	0307	0317	S03	E76	9907	04	17.8	11	SF		2	E		25		F
0107	LEAR	12	0450	0455	0514	N16	E05	9899	04	12.6	24	SF		3	E		58		F
0108	LEAR	12	0510	0513	0515	S04	E80	9907	04	18.2	5	SF		3	E		29		
0109	LEAR	12	0842	0842	0846	S15	E33	9906	04	14.9	4	SF		2	E		30		
0110	KHAR	12	0940E		0949	N03	E68	9907	04	17.5	9D	SF		2	P	0945	30		D
0111	KHAR	12	0952	0956	1015	N19	W29	9893	04	10.2	23	SN		2	P	1006	220		EO
0112	KHAR	12	1027	1029	1042	N23	E26	9903	04	14.4	15	SN		2	P	1032	95		O
0113	KHAR	12	1105		1121	N17	W30	9893	04	10.2	16	SF		2	P	1111	55		DO
		12	1139		1249	No Flare Patrol													
0114	KHAR	12	1309U	1311	1340	N16	W38	9893	04	9.7	31U	1N		2	V				E
		12	1341		1356	No Flare Patrol													
0115	HOLL	12	1409	1436	1453	N18	W31	9893	04	10.2	44	SF		3	E		17		
		12	1438		1442	No Flare Patrol													
0116	RAMY	12	1510	1514	1518	N12	E23	9902	04	14.4	8	SF		3	E		66		
0117	HOLL	12	1454	1457	1514	N18	W31	9893	04	10.3	20	SF		3	E		10		
0118		12	15123	15151	1522	N19	W32	9893	04	10.2	10	SF					22		
	RAMY	12	1512	1515	1517	N19	W34	9893	04	10.0	5	SF		3	E		22		
	HOLL	12	1515	1516	1527	N19	W30	9893	04	10.3	12	SF		3	E		21		

APRIL 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
0119	HOLL	12	1528	1531	1535	N18	W31	9893	04	10.3	7	SF		3	E		18		
0120	RAMY	12	1600	1601	1609	S04	E66	9907	04	17.6	9	SF		3	E		57		F
		12	1611		1734	No Flare Patrol													
0121	HOLL	12	1737	1756	1850	N21	W26	9901	04	10.7	73	1F		3	E		106		FU
		12	1933		2116	No Flare Patrol													
		12	2207		2259	No Flare Patrol													
		13	0031		0200	No Flare Patrol													
		13	0953		1030	No Flare Patrol													
0122	RAMY	13	1031E	1031U	1043	S28	W64	9900	04	8.4	12D	SF		3	E		55		
0123	RAMY	13	1148	1149	1158	N20	W43	9893	04	10.2	10	SF		3	E		20		
0124	RAMY	13	1212	1213	1222	S03	E57	9907	04	17.8	10	SF		3	E		41		F
		13	1308		1321	No Flare Patrol													
0125		13	14371	14382	1443	N20	W56	9893	04	9.3	6	SF					36		
	HOLL	13	1437	1438	1443	N18	W55	9893	04	9.4	6	SF		3	E		34		
	RAMY	13	1438	1440	1443	N22	W58	9893	04	9.1	5	SF		3	E		37		
0126		13	1522	15231	1537	S16	E17	9906	04	14.9	15	SF					21		F
	RAMY	13	1522	1523	1538	S15	E16	9906	04	14.8	16	SF		3	E		22		F
	HOLL	13	1522	1524	1536	S16	E18	9906	04	15.0	14	SF		3	E		20		F
0127	RAMY	13	1633	1633	1646	S03	E55	9907	04	17.8	13	SF		3	E		10		F
0128	RAMY	13	1728	1729	1739	N19	W38	9901	04	10.8	11	SF		3	E		23		F
0129	HOLL	13	1731	1735	1738	N18	W39	9901	04	10.8	7	SF		3	E		14		F
		13	2026		2036	No Flare Patrol													
0130	RAMY	13	2034	2035	2044	S16	E14	9906	04	14.9	10	SF		3	E		19		F
		13	2225		2229	No Flare Patrol													
		13	2300		2309	No Flare Patrol													
0131	LEAR	14	0105	0105	0112	S04	E45	9907	04	17.4	7	SF		3	E		21		
0132	LEAR	14	0144	0146	0154	N19	W54	9893	04	9.9	10	SF		3	E		43		
0133	LEAR	14	0227	0230	0302	N19	W54	9893	04	10.0	35	SF		3	E		31		
0134	LEAR	14	0303	0342	0514	N22	W45	9893	04	10.7	131	1F		3	E		136		F
0135	MITK	14	0342	0352	0359	N19	W48	9901	04	10.5	17	SN			C	0352	41	0.7	D
0136	LEAR	14	0402	0403	0440	N21	W42	9901	04	10.9	38	SF		3	E		16		
0137	LEAR	14	0324	0325	0345	S04	E47	9907	04	17.6	21	SF		3	E		36		E
0138		14	04501	04511	0459	S02	E44	9907	04	17.5	9	SN					46	0.4	EF
	LEAR	14	0450	0451	0506	S04	E42	9907	04	17.3	16	SN		3	E		66		FE
	MITK	14	0451	0452	0452	N00	E46	9907	04	17.6	1	SN			C	0451	27	0.4	E
0139	LEAR	14	0451	0451	0457	S14	E08	9906	04	14.8	6	SF		3	E		18		F
0140	LEAR	14	0519	0520	0525	S15	E09	9906	04	14.9	6	SF		3	E		27		F
0141	LEAR	14	0537	0537	0546	S03	E45	9907	04	17.6	9	SF		3	E		38		EF
0142	LEAR	14	0641	0641	0644	N19	W43	9901	04	11.0	3	SF		3	E		16		
0143	LEAR	14	0652	0653	0703	S17	E10	9906	04	15.0	11	SF		3	E		18		F

Hα SOLAR FLARES

APRIL 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
0144	LEAR	14	0658	0701	0712	S04	E41	9907	04	17.3	14	SF		3	E		84		F
0145	LEAR	14	0736	0738	0746	N19	W57	9893	04	10.0	10	SF		3	E		53		F
0146	KANZ	14	0945	0950U	1004	S12	E02	9906	04	14.5	19	SF		2	E				
0147	KANZ	14	0956	0959	1014D	N26	W24		04	12.5	18D	SF		2	E				
		14	1015		1109	No Flare Patrol													
0148	SVTO	14	1215	1217U	1226D	N23	W56	9893	04	10.2	11D	SF		3	E		34		
0149	RAMY	14	1253	1253	1259	S17	E08	9906	04	15.1	6	SF		3	E		31		F
0150		14	13454	13501	1357	N21	W57	9893	04	10.2	12	SF					28		F
	SVTO	14	1345	1351	1358	N23	W56	9893	04	10.2	13	SF		3	E		49		F
	HOLL	14	1346	1350	1358	N20	W57	9893	04	10.2	12	SF		3	E		20		F
	RAMY	14	1349	1351	1355	N21	W57	9893	04	10.2	6	SF		3	E		16		
0151		14	13391	1340	1400	S16	E04	9906	04	14.9	21	SF					20		F
	HOLL	14	1339	1340	1357	S15	E05	9906	04	14.9	18	SF		3	E		16		F
	RAMY	14	1340	1340	1404	S16	E04	9906	04	14.9	24	SF		3	E		23		F
0152	HOLL	14	1358	1359	1403	S14	E03	9906	04	14.8	5	SF		3	E		13		F
0153		14	13594	1404	1407	S04	E38	9907	04	17.4	8	SF					22		F
	SVTO	14	1359	1404	1408	S04	E37	9907	04	17.3	9	SF		3	E		28		F
	HOLL	14	1403	1404	1406	S04	E38	9907	04	17.4	3	SF		3	E		17		F
0154	RAMY	14	1403	1404	1407	S07	E46	9907	04	18.0	4	SF		3	E		13		
0155		14	1545	1546	1555	N22	W58	9893	04	10.2	10	SF					42		H
	SVTO	14	1545E	1546U	1552D	N22	W58	9893	04	10.2	7D	SF		3	E		29		H
	RAMY	14	1545	1546	1555	N22	W59	9893	04	10.1	10	SF		3	E		54		H
0156	HOLL	14	1628	1629	1632	S15	W73	9904	04	9.1	4	SF		3	E		21		
0157	HOLL	14	1728	1738	1743	N20	W59	9893	04	10.2	15	SF		3	E		18		
0158		14	20544	20562	2103	S04	E36	9907	04	17.6	9	SF					48		F
	HOLL	14	2054	2056	2103	S03	E35	9907	04	17.5	9	SF		3	E		74		F
	RAMY	14	2058	2058	2103	S04	E36	9907	04	17.6	5	SF		3	E		22		
0159	HOLL	14	2104	2110	2146	N19	W62	9893	04	10.1	42	SF		3	E		23		F
0160	HOLL	14	2120	2140	2144	N20	W58	9901	04	10.4	24	SF		3	E		45		
0161	RAMY	14	2124	2132	2141	N21	W56	9893	04	10.6	17	SF		3	E		16		F
0162	HOLL	14	2225	2228	2232	N18	W74	9893	04	9.3	7	SF		3	E		53		HS
0163	HOLL	14	2235	2237	2252	N20	W64	9893	04	10.0	17	1F		3	E		118		FH
0164	HOLL	14	2337	2420	2449	N19	W60	9893	04	10.4	72	SF		3	E		97		F
0165	HOLL	14	2340	2413	2449	N21	W55	9901	04	10.8	69	SF		3	E		96		F
0166	LEAR	15	0004	0011	0045	N22	W58	9901	04	10.5	41	SF		3	E		60		F
0167	LEAR	15	0009	0016	0042	N19	W66	9893	04	10.0	33	SF		3	E		27		F
0168	LEAR	15	0249	0253	0259	N19	W79	9893	04	9.1	10	SF		3	E		45		
0169	LEAR	15	0307	0325	0515	S15	W01	9906	04	15.0	128	SF		3	E		83		FZ
0170	LEAR	15	0634	0638	0645	N10	E68	9909	04	20.4	11	SF		3	E		54		
0171	SVTO	15	0718	0718	0729	N24	W67	9893	04	10.1	11	SF		3	E		23		

Hα SOLAR FLARES

APRIL 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
0172	SVTO	15	0952	0953	0955	N21	W59	9901	04	10.9	3	SF		3	E		36		
0173	SVTO	15	1142	1142	1145	N27	W71	9901	04	9.9	3	SF		3	E		47		
0174	HOLL	15	1733	1747	1755	S16	W60	9905	04	11.2	22	SF		3	E		15		FS
		15	1756		1822	No Flare Patrol													
		15	2101		2352	No Flare Patrol													
		15	2357		2400	No Flare Patrol													
		16	0000		0032	No Flare Patrol													
0175	LEAR	16	0626	0626	0630	N24	W88	9893	04	9.5	4	SF		2	E		29		H
0176	SVTO	16	1041	1047	1051	S14	W77	9904	04	10.6	10	SF		3	E		15		F
0177	SVTO	16	1308	1309	1327	S14	W24	9906	04	14.7	19	SF		3	E		41		F
0178	SVTO	16	1310	1320	1332	N23	W88	9893	04	9.8	22	SF		3	E		43		
0179	HOLL	16	1323	1323	1328	N19	W67	9901	04	11.4	5	SF		3	E		22		
0180	SVTO	16	1513	1513	1518	S15	W21	9906	04	15.0	5	SF		3	E		12		
0181	SVTO	16	1556	1556	1601	S08	W68	9896	04	11.6	5	SF		3	E		19		
		16	1710		1744	No Flare Patrol													
0182	HOLL	16	1844	1845	1848	S14	W27	9906	04	14.7	4	SF		3	E		13		
0183		17	0038	00381	0045	S14	W81	9905	04	10.9	7	SF					44		FH
	HOLL	17	0038	0038	0046	S14	W79	9905	04	11.0	8	SF		3	E		57		FH
	LEAR	17	0038	0039	0044	S13	W83	9905	04	10.8	6	SF		3	E		32		F
0184	LEAR	17	0226	0235	0238	S13	W84	9905	04	10.8	12	SF		3	E		32		
0185	SVTO	17	0536	0537	0541	S13	W90	9905	04	10.4	5	SF		3	E		32		
0186	SVTO	17	0622	0623	0628	S13	W90	9905	04	10.5	6	SF		3	E		73		
0187	SVTO	17	0657	0657	0703	S13	W90	9905	04	10.5	6	SF		3	E		30		
0188		17	0750	08151	1141D	S14	W36	9906	04	14.6	231D	2N					302		FTZ
	SVTO	17	0750	0815	1141D	S14	W34	9906	04	14.7	231D	2N		3	E		253		ZFT
	LEAR	17	0758E	0816	0906D	S13	W37	9906	04	14.5	68D	2N		1	E		352		ZF
		17	1114		1131	No Flare Patrol													
0189	RAMY	17	1135	1135	1147	S14	W31	9906	04	15.1	12	SF		3	E		16		
0190	RAMY	17	1200	1201	1206	S14	W87	9905	04	10.9	6	SF		3	E		42		
0191	RAMY	17	1258	1258	1302	S13	W91	9905	04	10.7	4	SF		3	E		19		
0192	HOLL	17	1338	1342	1347	S17	W83	9905	04	11.3	9	SF		3	E		23		
0193	HOLL	17	1344	1348	1351	S14	W37	9905	04	14.8	7	SF		3	E		12		F
0194	HOLL	17	1420	1426	1430	N07	E39	9909	04	20.5	10	SF		3	E		21		F
0195	RAMY	17	1420	1427	1431	N06	E31	9905	04	19.9	11	SF		3	E		16		
		17	1843		2122	No Flare Patrol													
		17	2128		2400	No Flare Patrol													
		18	0000		0116	No Flare Patrol													
		18	0332		0346	No Flare Patrol													
		18	0401		0550	No Flare Patrol													
		18	0555		0748	No Flare Patrol													
0196	SVTO	18	0905	0911	0929	S13	W46	9906	04	14.9	24	SF		2	E		25		

Hα SOLAR FLARES

APRIL 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	Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
0197		18	1432	14321	1437	S04	W19	9907	04	17.2	5	SF					30		H
	SVTO	18	1432	1432	1436	S04	W16	9907	04	17.4	4	SF		3	E		22		H
	RAMY	18	1432	1433	1438	S04	W21	9907	04	17.0	6	SF		3	E		33		
	HOLL	18	1432	1433	1438	S05	W21	9907	04	17.0	6	SF		3	E		36		
0198	SVTO	18	1610	1612	1627	N06	E22	9909	04	20.3	17	SF		3	E		29		
0199		18	16384	1642	1648	S13	W52	9906	04	14.8	10	SF					16		F
	SVTO	18	1638	1638U	1648	S12	W52	9906	04	14.8	10	SF		3	E		19		F
	HOLL	18	1642	1642	1647	S14	W51	9906	04	14.8	5	SF		3	E		14		
		18	2010		2020	No Flare Patrol													
		18	2024		2033	No Flare Patrol													
		18	2108		2228	No Flare Patrol													
0200	VORO	18	2229E	2237	2241	N22	E10		04	19.7	12D	SN		3	C	2237	63	0.7	
0201	VORO	18	2256	2300	2306	S13	W55		04	14.8	10	SN		3	C	2300	99	1.7	
0202	SVTO	19	0648	0650U	0654D	S15	W57	9906	04	15.0	6D	SF		3	E		12		H
0203	LEAR	19	0754	0754	0755	S16	W54	9906	04	15.2	1	SF		2	E		11		F
		19	0937		1142	No Flare Patrol													
0204	SVTO	19	1323	1323	1330	S12	W67	9906	04	14.5	7	SF		3	E		23		F
0205	SVTO	19	1339	1342	1413	S17	W60	9906	04	15.0	34	SF		3	E		39		F
0206	HOLL	19	1350	1351	1400	S14	W62	9906	04	14.9	10	SF		3	E		30		F
0207		19	1421*	14321	1438	S17	W59	9906	04	15.1	17	SF					18		F
	SVTO	19	1421	1432	1440	S17	W59	9906	04	15.1	19	SF		3	E		21		F
	HOLL	19	1431	1433	1436	S17	W59	9906	04	15.1	5	SF		3	E		14		
0208		19	14494	14531	1501	S16	W60	9906	04	15.1	12	SF					15		F
	SVTO	19	1449	1454	1501	S16	W61	9906	04	15.0	12	SF		3	E		17		F
	HOLL	19	1453	1453	1501	S17	W60	9906	04	15.1	8	SF		3	E		13		
0209		19	15136	15201	1528	S16	W60	9906	04	15.1	15	SF					15		F
	SVTO	19	1513	1521	1532	S17	W60	9906	04	15.1	19	SF		3	E		18		F
	HOLL	19	1519	1520	1525	S16	W59	9906	04	15.2	6	SF		3	E		12		
0210	SVTO	19	1544	1547	1634	S16	W71	9906	04	14.3	50	SF		3	E		26		F
0211	HOLL	19	1829	1830	1834	S16	W57	9906	04	15.4	5	SF		3	E		12		
0212	SVTO	20	1330	1330	1338	S11	W74	9906	04	15.0	8	SF		3	E		29		H
0213	HOLL	20	1454E	1457U	1506D	N09	E07	9912	04	21.1	12D	SF		3	E		16		F
0214		20	1547	1551U	1609D	N09	E06	9912	04	21.1	22D	SF					28		F
	HOLL	20	1539E	1551U	1609D	N09	E06	9912	04	21.1	30D	SF		3	E		31		F
	SVTO	20	1547	1553U	1555D	N09	E05	9912	04	21.0	8D	SF		3	E		26		F
		20	2053		2111	No Flare Patrol													
		20	2129		2136	No Flare Patrol													
		20	2147		2237	No Flare Patrol													
		20	2251		2308	No Flare Patrol													
0215	LEAR	21	0059	0131	0251	S14	W84	9906	04	14.7	112	1F		2	E		121		FY
0216	LEAR	21	0326	0332	0350	N10	W01	9912	04	21.1	24	SF		2	E		50		F
0217	LEAR	21	0607	0612	0625	N10	W02	9912	04	21.1	18	SF		2	E		16		F
		21	0930		0940	No Flare Patrol													
		21	1000		1016	No Flare Patrol													
		21	1200		1255	No Flare Patrol													
		21	1302		1317	No Flare Patrol													

APRIL 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	Area Measurement Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
		21	1842		1902	No Flare Patrol												
		21	2305		2313	No Flare Patrol												
0218	LEAR	22	0050	0050	0104	N11	E54	9915	04 26.1	14	SF		3	E		10		F
		22	0438		0439	No Flare Patrol												
0219	SVTO	22	0545	0546	0557	S17	E67	9916	04 27.3	12	SF		3	E		33		
0220	KANZ	22	0639	0640	0652	N10	W15	9912	04 21.2	13	SF		2	E				
0221	KANZ	22	0645	0646	0656	S17	E32	9920	04 24.7	11	SF		2	E				
0222	KANZ	22	0756	0756	0759	N03	E34	9914	04 24.9	3	SF		2	E				
0223	KANZ	22	0801	0803	0809	N02	E35	9914	04 24.9	8	SF		2	E				
0224	SVTO	22	1007	1008	1014	N03	E39	9914	04 25.3	7	SF		3	E		13		
0225	SVTO	22	1204	1207	1216	N12	W19	9912	04 21.1	12	SF		3	E		14		
0226		22	1440	14411	1449	N04	E37	9914	04 25.4	9	SF					30		F
	SVTO	22	1440	1441	1451	N03	E37	9914	04 25.4	11	SF		3	E		35		F
	HOLL	22	1440	1442	1447	N04	E37	9914	04 25.4	7	SF		3	E		26		F
0227		23	0001	0001	0005	N04	E32	9914	04 25.4	4	SF					20		F
	LEAR	23	0001	0001	0005	N03	E33	9914	04 25.5	4	SF		3	E		15		F
	HOLL	23	0001E	0003U	0024D	N04	E32	9914	04 25.4	23D	SF		3	E		25		
0228		23	12462	12491	1259	S16	E52	9916	04 27.5	13	SF					28		F
	SVTO	23	1246	1249	1259	S14	E52	9916	04 27.5	13	SF		3	E		26		F
	RAMY	23	1248	1250	1259	S18	E52	9916	04 27.5	11	SF		3	E		30		F
0229	SVTO	23	1545	1545	1548	N12	E28	9915	04 25.8	3	SF		3	E		33		F
		23	1722		1733	No Flare Patrol												
		23	1808		1818	No Flare Patrol												
		23	1835		1954	No Flare Patrol												
		23	2029		2145	No Flare Patrol												
		23	2155		2319	No Flare Patrol												
0230	LEAR	24	0537	0539	0555	S15	W34	9913	04 21.7	18	SF		4	E		42		FH
0231	SVTO	24	0539	0549	0559	S14	W34	9913	04 21.7	20	SF		3	E		38		H
0232		24	06353	0641	0650	S15	W34	9913	04 21.7	15	SF					26		FH
	SVTO	24	0635	0641	0653	S14	W35	9913	04 21.6	18	SF		3	E		32		
	LEAR	24	0638	0641	0646	S16	W34	9913	04 21.7	8	SF		4	E		19		FH
0233	SVTO	24	0709	0709	0714	S15	W33	9913	04 21.8	5	SF		3	E		10		
0234	SVTO	24	0732	0735	0744	S18	E03	9924	04 24.5	12	SF		3	E		18		FH
0235	SVTO	24	1023	1029	1034	S17	E00	9924	04 24.4	11	SF		3	E		12		
0236	SVTO	24	1046	1050	1119	S15	W37	9913	04 21.6	33	SF		3	E		57		FH
0237	SVTO	24	1121	1122	1129	N12	E17	9915	04 25.7	8	SF		3	E		14		
0238	SVTO	24	1125	1125	1132	N13	W47	9912	04 20.9	7	SF		3	E		29		
0239	SVTO	24	1126	1130	1137	S23	W09	9920	04 23.8	11	SF		3	E		12		
0240	SVTO	24	1315	1317	1328	S18	E01	9924	04 24.6	13	SF		3	E		11		
0241		24	13356	1342	1352	S18	E00	9924	04 24.6	17	SF					16		F
	SVTO	24	1335	1342	1354	S18	E00	9924	04 24.6	19	SF		3	E		19		
	HOLL	24	1341	1342	1349	S19	E00	9924	04 24.6	8	SF		3	E		14		F

Hα SOLAR FLARES

APRIL 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
0242		24	13486	1354	1406	S14	W38	9913	04	21.7	18	SF					18		FH
	SVTO	24	1348	1354	1409	S14	W39	9913	04	21.6	21	SF		3	E		24		
	HOLL	24	1354	1354	1404	S15	W38	9913	04	21.7	10	SF		3	E		12		FH
0243	SVTO	24	1412	1423	1457	S14	W40	9913	04	21.6	45	SF		3	E		49		
0244		24	1547	1552	1628	N10	W47	9912	04	21.1	41	1N					112		F
	HOLL	24	1547	1552	1624	N10	W47	9912	04	21.1	37	SF		3	E		63		F
	SVTO	24	1547	1552	1633	N09	W47	9912	04	21.1	46	1N		3	E		162		
0245	HOLL	24	1634	1637	1649	S14	E40	9916	04	27.7	15	SF		3	E		48		FH
		24	1728		1752	No Flare Patrol													
		24	1815		1842	No Flare Patrol													
		24	1900		1912	No Flare Patrol													
		24	1944		2033	No Flare Patrol													
		24	2106		2116	No Flare Patrol													
0246	HOLL	24	2149	2156	2206D	N09	W49	9912	04	21.2	17D	1F		3	E		101		
		24	2207		2218	No Flare Patrol													
		25	0115		0142	No Flare Patrol													
0247	LEAR	25	0541	0546	0551	N10	W56	9912	04	21.0	10	SF		2	E		16		F
0248	LEAR	25	0555	0557	0600	S19	W08	9924	04	24.6	5	SF		2	E		16		
0249	LEAR	25	0601	0606	0612	N10	W56	9912	04	21.0	11	SF		2	E		21		F
		25	0918		1132	No Flare Patrol													
		25	1331		2204	No Flare Patrol													
0250	VORO	25	2223	2223	2240	S19	W05		04	25.5	17	SF		3	C	2231	54	0.6	
0251	KANZ	26	1017	1031	1040	N11	E45	9926	04	29.8	23	SF		2	E				
0252		26	13241	13261	1334	N04	W18	9914	04	25.2	10	SF					24		
	SVTO	26	1324	1326	1333	N04	W19	9914	04	25.1	9	SF		3	E		25		
	HOLL	26	1325	1327	1335	N05	W18	9914	04	25.2	10	SF		3	E		24		
		26	1907		2111	No Flare Patrol													
		26	2117		2323	No Flare Patrol													
		26	2338		2343	No Flare Patrol													
		26	2348		2353	No Flare Patrol													
0253		27	10535	10535	1100	N12	E23	9919	04	29.2	7	SF					15		
	SVTO	27	1053	1053	1057	N13	E23	9919	04	29.2	4	SF		3	E		15		
	SVTO	27	1058	1058	1102	N12	E23	9919	04	29.2	4	SF		3	E		15		
		27	1136		1145	No Flare Patrol													
		27	1244		1249	No Flare Patrol													
		27	1257		1304	No Flare Patrol													
0254	HOLL	27	1529	1548	1629	N16	E22	9919	04	29.3	60	SF		3	E		89		F
		28	0006		0009	No Flare Patrol													
		28	0836		0849	No Flare Patrol													
0255	HOLL	28	1820	1822	1853D	S15	W57	9924	04	24.4	33D	SF		3	E		32		
		28	1828		1852	No Flare Patrol													
0256	HOLL	28	2058	2101	2109	N15	W39	9915	04	25.9	11	SF		3	E		23		F
		28	2232		2250	No Flare Patrol													
		28	2254		2302	No Flare Patrol													
		28	2308		2332	No Flare Patrol													
0257	LEAR	29	0311	0311	0316	N14	W03	9919	04	28.9	5	SF		3	E		13		

Hα SOLAR FLARES

APRIL 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
0258	LEAR	29	0339	0339	0342	N10	W43	9915	04	25.9	3	SF		3	E		13		
		29	0926		0931	No Flare Patrol													
		29	0933		0940	No Flare Patrol													
		29	0954		0958	No Flare Patrol													
		29	1001		1033	No Flare Patrol													
		29	1043		1137	No Flare Patrol													
		29	1253		1311	No Flare Patrol													
		29	1820		1844	No Flare Patrol													
		29	1904		1918	No Flare Patrol													
		29	1931		1951	No Flare Patrol													
0259	HOLL	29	2010	2012	2013	N10	W49	9915	04	26.1	3	SF		3	E		14		
		29	2037		2056	No Flare Patrol													
		29	2144		2257	No Flare Patrol													
		29	2302		2319	No Flare Patrol													
		29	2324		2336	No Flare Patrol													
0260	LEAR	30	0049	0104	0128	N14	W11	9919	04	29.2	39	2F		3	E		416		F
0261		30	0650	0653	0703	N16	W19	9919	04	28.8	13	SF					54		F
	LEAR	30	0650	0653	0703	N15	W19	9919	04	28.8	13	SF		3	E		66		
	SVTO	30	0650E	0654U	0706D	N16	W19	9919	04	28.8	16D	SF		3	E		41		F
		30	0950		1015	No Flare Patrol													
0262	SVTO	30	1112	1118	1135	N11	W71	9914	04	25.1	23	SF		3	E		18		F
		30	1722		1855	No Flare Patrol													
0263	HOLL	30	1951	1951	2001	N15	W51	9921	04	27.0	10	SF		3	E		24		

"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