Hα SOLAR FLARES

MAY 2001

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	Area Measurement Time (UT)	Area Measurement Apparent (10-6 Disk)	Area Measurement Corr (Sq Deg)	Remarks
		01	0000		0008	No Flare Patrol													
0001	LEAR	01	0210	0211	0215	N21	W68	9433	04	26.0	5	SF		2	E		23		
0002	LEAR	01	0528	0528	0531	N21	W71	9433	04	25.9	3	SF		3	E		27		
0003		01	05502	05521	0556	N20	W73	9433	04	25.7	6	SF					24		H
	LEAR	01	0550	0552	0556	N20	W72	9433	04	25.8	6	SF		2	E		26		H
	SVTO	01	0552	0553	0555	N19	W74	9433	04	25.7	3	SF		3	E		22		H
0004	LEAR	01	0850	0851	0854	N20	W74	9433	04	25.8	4	SF		2	E		83		H
0005	SVTO	01	1429	1439	1520	N19	W78	9433	04	25.7	51	SF		3	E		46		FH
0006		01	15035	1516	1526	N06	W12	9441	04	30.7	23	SF					26		F
	SVTO	01	1503	1516	1527	N06	W13	9441	04	30.6	24	SF		3	E		26		F
	HOLL	01	1508	1516	1526	N07	W12	9441	04	30.7	18	SF		3	E		26		F
0007		01	16502	16531	1728	N23	E42	9445	05	4.9	38	SF					56		
	RAMY	01	1650	1653	1713	N23	E42	9445	05	4.9	23	SF		3	E		82		
	HOLL	01	1652	1654	1743	N23	E42	9445	05	4.9	51	SF		3	E		30		
0008	RAMY	01	1650	1650	1720D	N07	W12	9441	04	30.8	30D	SF		3	E		21		
0009	HOLL	01	1656	1656	1659	N22	W77	9433	04	25.9	3	SF		3	E		49		
0010	HOLL	01	1725	1727	1753	N07	W13	9441	04	30.7	28	SF		3	E		53		
0011	HOLL	01	1844	1847	1903	N23	E41	9445	05	4.9	19	SF		3	E		31		
0012	HOLL	01	1910	1911	2028	N22	W77	9433	04	26.0	78	SF		3	E		88		F
0013	HOLL	01	1942	1943	1954	N22	E36	9445	05	4.6	12	SF		3	E		10		
0014	HOLL	01	2012	2016	2027	N23	E40	9445	05	4.9	15	SF		3	E		13		
0015		02	00231	00245	0038	N26	E41	9445	05	5.2	15	SF					22		F
	HOLL	02	0023	0029	0039	N25	E41	9445	05	5.2	16	SF		3	E		26		
	LEAR	02	0024	0024	0036	N28	E41	9445	05	5.2	12	SF		2	E		17		F
0016	HOLL	02	0031	0031	0036	N08	W17	9441	04	30.7	5	SF		3	E		13		
0017	HOLL	02	0043	0047	0054	N06	W19	9441	04	30.6	11	SF		3	E		21		
0018		02	00561	00583	0110	N06	W17	9441	04	30.8	14	SF					30		F
	HOLL	02	0056	0058	0139D	N06	W18	9441	04	30.7	43D	SF		3	E		35		
	LEAR	02	0057	0101	0110	N07	W16	9441	04	30.8	13	SF		2	E		26		F
0019	LEAR	02	0118	0120	0123	N28	E40	9445	05	5.2	5	SF		2	E		15		F
0020	LEAR	02	0233	0233	0300	N24	E35	9445	05	4.8	27	SF		2	E		15		F
0021		02	0628	0630	0701	N06	W22	9441	04	30.6	33	1N					133		FH
	LEAR	02	0628	0630	0700	N07	W21	9441	04	30.7	32	1N		3	E		159		FH
	SVTO	02	0628	0630	0702	N06	W22	9441	04	30.6	34	1F		3	E		107		FH
0022		02	10512	10563	1109	N24	E30	9445	05	4.8	18	SF					14		
	SVTO	02	1051	1059	1110	N25	E30	9445	05	4.8	19	SF		3	E		17		
	RAMY	02	1053	1056	1108	N23	E29	9445	05	4.7	15	SF		3	E		11		
0023		02	11191	11201	1128	N07	W22	9441	04	30.8	9	SF					18		FH
	RAMY	02	1119	1120	1129	N07	W23	9441	04	30.7	10	SF		3	E		17		F
	SVTO	02	1120	1121	1128	N07	W22	9441	04	30.8	8	SF		3	E		18		H
0024	RAMY	02	1127	1128	1134	N23	E30	9445	05	4.8	7	SF		3	E		17		
		02	1915		1945	No Flare Patrol													
		02	2035		2046	No Flare Patrol													
		02	2114		2121	No Flare Patrol													
		02	2150		2301	No Flare Patrol													

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0025	LEAR	03	0054	0056	0104	N11	W15	9447	05	1.9	10	SF		4	E		13		FH
0026		03	0402	04052	0422	N24	E24	9445	05	5.0	20	SN					51	0.8	E
	LEAR	03	0402	0407	0420	N26	E25	9445	05	5.1	18	SF		3	E		38		
	URUM	03	0405E	0405	0425	N23	E24	9445	05	5.0	20D	SN			P		64	0.8	E
0027	LEAR	03	0509E	0512U	0519	N11	W20	9447	05	1.7	10D	SF		3	E		19		H
		03	0632		0643	No Flare Patrol													
0028	SVTO	03	0739	0739	0743	N11	W22	9447	05	1.7	4	SF		3	E		18		
0029	SVTO	03	0822	0830	0844	N13	W21	9447	05	1.8	22	SF		3	E		41		F
0030	SVTO	03	1107	1108	1115	N12	W25	9447	05	1.6	8	SF		3	E		12		F
0031	SVTO	03	1211	1218	1224	N29	E22	9445	05	5.2	13	SF		3	E		12		
0032	HOLL	03	1356	1358	1359	N24	E19	9445	05	5.0	3	SF		3	E		12		
0033	SVTO	03	1532	1533	1537	N29	E19	9445	05	5.1	5	SF		3	E		14		F
0034	SVTO	03	1549	1551	1558D	N12	W28	9447	05	1.5	9D	SF		3	E		13		F
		03	1602		1609	No Flare Patrol													
		03	1624		1637	No Flare Patrol													
0035	HOLL	03	2040	2040	2048	N24	E12	9445	05	4.8	8	SF		3	E		10		
0036	SVTO	04	1046	1048	1058	N25	E07	9445	05	5.0	12	SF		3	E		21		
0037		04	1436*	15006	1540	N24	E04	9445	05	4.9	64	SF					37		FU
	SVTO	04	1436	1504	1552	N25	E03	9445	05	4.8	76	SF		3	E		36		F
	HOLL	04	1442	1506	1529	N24	E03	9445	05	4.8	47	SF		3	E		54		UF
	RAMY	04	1449	1500	1529D	N24	E06	9445	05	5.1	40D	SF		3	E		21		F
0038	HOLL	04	1530	1530	1535	N25	E07	9445	05	5.2	5	SF		3	E		16		F
0039	HOLL	04	1541	1549	1555	N24	W03	9445	05	4.4	14	SF		3	E		36		F
0040		04	14421	14473	1510	N12	W35	9447	05	2.0	28	SF					46		F
	SVTO	04	1442	1447	1510	N12	W35	9447	05	2.0	28	SF		3	E		53		F
	RAMY	04	1443	1450	1546D	N12	W35	9447	05	2.0	63D	SF		3	E		39		F
0041	HOLL	04	1904	1905	1910	N12	W38	9447	05	1.9	6	SF		3	E		21		F
		04	2344		2348	No Flare Patrol													
		05	0027		0107	No Flare Patrol													
0042	LEAR	05	0457	0458	0511	N29	E37	9448	05	8.1	14	SF		2	E		10		F
0043	LEAR	05	0512	0514	0517	N30	E37	9448	05	8.1	5	SF		2	E		14		F
		05	0701		0727	No Flare Patrol													
0044		05	08432	0855	0920D	N27	W07	9445	05	4.8	37D	1F					186		F
	LEAR	05	0843	0853U	0856D	N29	W08	9445	05	4.7	13D	1F		2	E		226		F
	SVTO	05	0845	0855	0920D	N25	W06	9445	05	4.9	35D	1F		2	E		146		F
		05	0921		0932	No Flare Patrol													
		05	0954		1018	No Flare Patrol													
0045	HOLL	05	1811	1814	1853	N24	W13	9445	05	4.7	42	SF		3	E		78		FU
		05	2142		2205	No Flare Patrol													
0046	URUM	06	0855E	0855	0855D	N08	W61	9447	05	1.8	42D	SN			P		80	1.8	D
0047	URUM	06	1205E	1205U	1205D	N24	W26	9445	05	4.5	42D	1N			P		241	3.1	E

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0048	URUM	06	1225E	1225	1225D	N25	W27	9445	05	4.4	42D	1N			P		370	4.9	E
		06	1226		1227	No Flare Patrol													
0049	HOLL	06	1936	2011	2028	N24	W28	9445	05	4.6	52	SF		3	E		68		F
0050	HOLL	06	2030	2030	2037	N25	W23	9445	05	5.1	7	SF		3	E		15		F
0051	URUM	07	0400E	0400	0417	N26	W34	9445	05	4.5	17D	2N			P		402	5.8	E
0052	URUM	07	1021	1025	1029	N27	W36	9445	05	4.6	8	1N			P		273	4.1	E
0053	URUM	07	1052	1056	1108	N23	W38	9445	05	4.5	16	1N			C		193	2.9	D
0054	URUM	07	1132	1207	1231D	N26	W38	9445	05	4.5	59D	2N			P		482	7.3	E
0055	RAMY	07	1138	1142	1148	N26	W32	9445	05	5.0	10	SF		3	E		28		F
0056	RAMY	07	1205	1214	1241	N25	W35	9445	05	4.8	36	SF		3	E		62		F
0057		07	15381	15404	1610	N24	W40	9445	05	4.6	32	SF					34		FH
	RAMY	07	1538	1544	1613	N24	W40	9445	05	4.6	35	SF		3	E		28		F
	SVTO	07	1539	1540U	1549D	N24	W40	9445	05	4.6	10D	SF		2	E		39		F
	HOLL	07	1539	1540	1607	N24	W39	9445	05	4.6	28	SF		3	E		35		FH
0058		08	0041	0052*	0136	N24	W43	9445	05	4.7	55	1F					306	9.0	EFU
	HOLL	08	0041	0052	0108D	N24	W44	9445	05	4.6	27D	1F		3	E		147		
	URUM	08	0055E	0103	0134	N25	W42	9445	05	4.8	39D	2N			P		563	9.0	E
	LEAR	08	0056E	0057U	0137	N23	W43	9445	05	4.7	41D	1F		3	E		209		UF
		08	2030		2039	No Flare Patrol													
		08	2108		2115	No Flare Patrol													
		08	2131		2133	No Flare Patrol													
		08	2305		2352	No Flare Patrol													
		09	0035		0323	No Flare Patrol													
0059	URUM	09	0347E	0347	0347D	N27	W52	9445	05	5.1	41D	2N			P		321	6.4	E
0060	URUM	09	0355	0403	0407	N27	W52	9445	05	5.1	12	1N			C		177	3.5	D
0061	LEAR	09	0533	0535	0544	N22	W60	9445	05	4.6	11	SF		3	E		64		
0062		09	05572	05581	0614	N27	W57	9445	05	4.8	17	1F					121	7.6	E
	URUM	09	0542E	0606U	0610	N28	W58	9445	05	4.7	28D	2N			P		321	7.6	E
	LEAR	09	0557	0558	0619	N26	W57	9445	05	4.8	22	SF		3	E		23		
	SVTO	09	0559	0559	0614	N26	W57	9445	05	4.8	15	SF		3	E		18		
0063	URUM	09	0614	0618	0630	N30	W52	9445	05	5.2	16	2N			C		354	7.3	E
0064	URUM	09	0717E	0717	0722	N24	W41		05	6.1	5D	1N			P		193	3.0	E
0065	SVTO	09	0857E	0857	0909	N26	W56	9445	05	5.0	12D	SF		3	E		16		F
		09	1954		2400	No Flare Patrol													
		10	0000		0126	No Flare Patrol													
0066	URUM	10	0127	0143	0206D	N24	W65	9445	05	5.0	39D	1N			P		241		E
0067	URUM	10	0456	0500	0505	N20	W22	9448	05	8.5	9	SN			C		113	1.4	D
0068	URUM	10	0939	0946	0946D	S21	E11	9451	05	11.2	7D	SN			P		161	1.8	E
0069	SVTO	10	1020	1022	1034	S18	W26	9449	05	8.4	14	SF		3	E		26		F
		10	1853		2038	No Flare Patrol													
		10	2052		2131	No Flare Patrol													
		10	2149		2307	No Flare Patrol													
		10	2313		2323	No Flare Patrol													
		11	0000		0005	No Flare Patrol													

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0070	SVTO	11	1004	1005U	1018	S18	E25	9455	05	13.3	14	SF		3	E		58		FH
		11	1732		1737	No Flare Patrol													
		11	1757		1848	No Flare Patrol													
		11	1853		2249	No Flare Patrol													
0071	LEAR	12	0844	0844	0848	N15	E56	9454	05	16.6	4	SF		3	E		14		
0072	SVTO	12	0942	1001	1035	S17	E11	9455	05	13.2	53	1F		3	E		110		FH
0073	SVTO	12	1204	1211	1218	N15	E53	9454	05	16.5	14	SF		3	E		78		H
0074	SVTO	12	1240	1242	1255	S14	E08	9455	05	13.1	15	SF		3	E		23		F
0075	RAMY	12	1326	1347	1413	N12	E55	9454	05	16.7	47	SF		3	E		14		
0076		12	1326*	1412	1458	S18	E08	9455	05	13.2	92	1N					68		FH
	RAMY	12	1326	1412	1440	S18	E08	9455	05	13.2	74	1N		3	E		82		
	SVTO	12	1410	1412	1516	S17	E08	9455	05	13.2	66	SF		3	E		54		FH
0077	RAMY	12	1443	1446	1503	S18	E08	9455	05	13.2	20	SF		3	E		25		
0078	RAMY	12	1716	1721	1749	S19	E04	9455	05	13.0	33	SF		3	E		33		F
		12	1837		2325	No Flare Patrol													
0079	LEAR	12	2326	2335	2408	S17	E00	9455	05	13.0	42	1B		3	E		179		FH
0080		13	00175	00231	0033	S16	E00	9455	05	13.0	16	SN					108	1.7	EF
	URUM	13	0017	0023	0023D	S16	E00	9455	05	13.0	6D	SN			P		161	1.7	E
	LEAR	13	0022	0024	0033	S15	E01	9455	05	13.1	11	SF		3	E		54		F
0081	LEAR	13	0143	0144	0147	S17	E02	9455	05	13.2	4	SF		3	E		19		F
0082	LEAR	13	0301	0304	0322	S18	W01	9455	05	13.0	21	SN		4	E		82		F
0083	URUM	13	0634	0638	0650	S14	E01	9455	05	13.3	16	SN			C		80	0.8	D
0084	URUM	13	0638E	0638	0654	S20	W22	9451	05	11.6	16D	SN			P		161	1.9	E
0085		13	08161	0818	0837	S18	W04	9455	05	13.0	21	SF					86		EF
	LEAR	13	0816	0818	0837	S18	W04	9455	05	13.0	21	SF		2	E		86		EF
	SVTO	13	0817	0818	0837	S17	W04	9455	05	13.0	20	SF		3	E		85		F
0086	SVTO	13	1001	1001	1005	S15	W04	9455	05	13.1	4	SF		3	E		13		F
0087	SVTO	13	1402	1404	1422	S16	W04	9455	05	13.3	20	1F		3	E		113		F
0088	SVTO	13	1607	1607	1614	S21	W33	9451	05	11.1	7	SF		3	E		13		
0089	SVTO	13	1620	1627	1642	S22	W34	9451	05	11.1	22	SF		3	E		33		F
		13	1752		1817	No Flare Patrol													
		13	2048		2110	No Flare Patrol													
		13	2136		2149	No Flare Patrol													
		13	2154		2323	No Flare Patrol													
0090	LEAR	14	0322	0324	0337	S15	W13	9455	05	13.1	15	SF		3	E		58		F
0091	SVTO	14	0524	0525	0536	S17	W17	9455	05	12.9	12	SF		3	E		12		F
0092	SVTO	14	1112	1112	1119	S17	W21	9455	05	12.9	7	SF		3	E		16		
0093		14	12168	1227	1238	S18	W22	9455	05	12.8	22	SF					23		
	RAMY	14	1216	1227	1238	S18	W22	9455	05	12.8	22	SF		3	E		26		
	SVTO	14	1224	1227	1237	S17	W22	9455	05	12.8	13	SF		3	E		20		
0094	SVTO	14	1503	1507	1514	S15	W21	9455	05	13.0	11	SF		3	E		15		F
		14	1648		1714	No Flare Patrol													

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		14	1718		1752	No Flare Patrol													
		14	1925		2122	No Flare Patrol													
		14	2150		2209	No Flare Patrol													
		14	2242		2248	No Flare Patrol													
		14	2259		2321	No Flare Patrol													
0095	LEAR	15	0257	0300	0316	S17	W29	9455	05	12.9	19	1N		3	E		106		F
0096		15	0837	08359	0857	S17	W33	9455	05	12.8	20	1N					117	2.2	EF
	URUM	15	0835E	0835	0835D	S17	W32	9455	05	12.9	20D	1N			P		177	2.2	E
	SVTO	15	0837	0844	0857	S17	W34	9455	05	12.8	20	SF		3	E		57		F
0097		15	0837*	09132	0920	S17	W34	9455	05	12.8	43	SF					34		
	LEAR	15	0837	0915	0922D	S16	W34	9455	05	12.8	45D	SF		3	E		36		
	SVTO	15	0912	0913	0920	S18	W33	9455	05	12.9	8	SF		3	E		32		
		15	1427		1435	No Flare Patrol													
		15	1456		1629	No Flare Patrol													
0098	RAMY	15	1717	1717	1722	N06	W42	9456	05	12.6	5	SF		3	E		21		
		15	1801		1824	No Flare Patrol													
		15	1838		2035	No Flare Patrol													
0099	HOLL	15	2103	2107	2109	S16	W40	9455	05	12.8	6	SF		3	E		12		
0100	LEAR	16	0206	0210	0217	S16	W38	9455	05	13.2	11	SF		3	E		13		
0101		16	0631	0633	0646	S17	W44	9455	05	12.9	15	SF					52		F
	SVTO	16	0631	0633	0645	S17	W44	9455	05	12.9	14	SF		2	E		44		F
	LEAR	16	0631	0633	0647	S17	W45	9455	05	12.8	16	SF		3	E		60		F
0102	LEAR	16	0829	0840	0853	N17	E58	9461	05	20.8	24	SF		3	E		50		
0103	KHAR	16	0925E		0955	S20	W45	9455	05	12.9	30D	SF		2	P	0935	160		E
0104		16	10393	10421	1056	S18	W46	9455	05	12.9	17	SN					93		EF
	SVTO	16	1039	1042	1103	S17	W47	9455	05	12.9	24	SF		3	E		93		F
	KHAR	16	1042	1043	1050	S19	W44	9455	05	13.1	8	SN		2	V				E
0105	URUM	16	1056E	1056	1106	N40	W31		05	13.9	10D	1N			P		241	3.9	E
		16	1531		1536	No Flare Patrol													
0106	SVTO	16	1547	1549	1554	S11	W69	9458	05	11.5	7	SF		3	E		14		F
0107	HOLL	16	1838	1838	1842	S17	W54	9455	05	12.7	4	SF		3	E		15		F
0108	LEAR	16	2348	2353	2403	N14	W10	9454	05	16.2	15	SF		3	E		32		F
0109		17	0123	01241	0131	S16	W57	9455	05	12.7	8	1N					183	7.1	E
	LEAR	17	0123	0124	0129	S16	W56	9455	05	12.8	6	SF		3	E		12		
	URUM	17	0125E	0125	0133	S17	W58	9455	05	12.6	8D	2N			P		354	7.1	E
0110		17	0549	0553	0605	S18	W82	9451	05	11.0	16	1N					108		D
	URUM	17	0549	0553	0605	S18	W78	9451	05	11.3	16	1N			C		161		D
	LEAR	17	0550E	0559U	0605	S19	W87	9451	05	10.6	15D	SF		3	E		55		
0111	URUM	17	1001E	1001	1010	N48	W46		05	13.5	9D	1N			P		96	2.3	E
0112	KHAR	17	1025E		1041	N14	W08	9454A	05	16.8	16D	SF		2	P	1032	130		EH
0113	SVTO	17	1122	1123	1127	N16	W07	9454	05	16.9	5	SF		3	E		22		F
0114	HOLL	17	1351	1356	1405	S13	W60	9455	05	13.0	14	SF		3	E		23		F
0115	HOLL	17	1431	1431	1437	S17	W63	9455	05	12.8	6	SF		3	E		18		F
0116	HOLL	17	1634	1635	1645	S17	W64	9455	05	12.8	11	SF		3	E		36		F

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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	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0117	HOLL	17	1648	1652	1704	S16	W64	9455	05	12.8	16	1F		3	E		111		F
0118	HOLL	17	1940	1957	2028	N13	W19	9454	05	16.4	48	1F		3	E		111		F
0119	HOLL	17	2044	2045	2111	N13	W19	9454	05	16.4	27	1F		3	E		131		F
0120	HOLL	17	2138	2141	2145	N22	E52	9461	05	21.9	7	SF		3	E		28		
0121	HOLL	17	2324	2328	2335	N20	E54	9461	05	22.1	11	SF		3	E		22		
0122	HOLL	17	2354	2354	2358	S16	W68	9455	05	12.8	4	SF		3	E		25		
0123	URUM	18	0454	0459	0459D	S16	W72	9455	05	12.7	5D	2N			P		418		E
0124	URUM	18	0632	0645	0649D	S17	W71	9455	05	12.9	17D	2N			P		289		E
0125	KHAR	18	0945U	0945U	0956	S21	W72	9455	05	12.9	11U	SF		2	P	0947	80		D
0126	KHAR	18	1253	1255	1303	N12	E78	9463	05	24.4	10	SF		2	V				
		18	1748		1809	No Flare Patrol													
		18	1949		1954	No Flare Patrol													
		18	2026		2215	No Flare Patrol													
		18	2238		2301	No Flare Patrol													
0127	URUM	19	0149E	0149	0152	N19	E36	9461	05	21.8	3D	SN			P		129	1.8	E
0128	URUM	19	0441E	0441	0441D	N09	E71	9463	05	24.5	3D	1N			P		80		E
		19	0728		0903	No Flare Patrol													
0129	KHAR	19	0936	0938	0946	S23	W78	9455	05	13.4	10	SF		2	P	0941	50		D
0130	KHAR	19	1003	1004	1008	S23	W78	9455	05	13.4	5	SF		2	P				DHO
		19	1251		1433	No Flare Patrol													
		19	1522		1632	No Flare Patrol													
		19	1847		1911	No Flare Patrol													
		19	1949		1959	No Flare Patrol													
		19	2027		2040	No Flare Patrol													
		19	2110		2123	No Flare Patrol													
		20	0806		0938	No Flare Patrol													
		20	0945		1000	No Flare Patrol													
		20	1037		1219	No Flare Patrol													
		20	1714		1747	No Flare Patrol													
		20	1923		1951	No Flare Patrol													
		21	0159		0227	No Flare Patrol													
		21	0330		0344	No Flare Patrol													
		21	0809		0824	No Flare Patrol													
		21	0912		0914	No Flare Patrol													
0131	KHAR	21	0915E		0937	N23	E06	9461	05	21.8	22D	SN		2	P	0925	90		E
		21	1001		1014	No Flare Patrol													
		21	1051		1219	No Flare Patrol													
0132	RAMY	21	1545	1546	1551	S13	E55	9465	05	25.8	6	SF		3	E		13		
		22	1146		1210	No Flare Patrol													
0133		22	14071	14102	1418	S18	W16	9470	05	21.4	11	SF					20		
	RAMY	22	1407	1410	1419	S18	W16	9470	05	21.4	12	SF		3	E		18		
	HOLL	22	1408	1412	1416	S19	W15	9470	05	21.4	8	SF		3	E		23		
0134	HOLL	22	2244	2245	2300	S18	W20	9470	05	21.4	16	SF		3	E		11		F
0135	URUM	23	0222E	0222	0222D	S21	W13	9470	05	22.1	16D	SN			P		129	1.4	D

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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	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0136		23	1111	11102	1116	N25	W22	9461	05	21.8	5	SN					88	2.0	E
	URUM	23	1110E	1110	1110D	N25	W23	9461	05	21.7	5D	SN			P		161	2.0	E
	RAMY	23	1111	1112	1116	N25	W21	9461	05	21.8	5	SF		3	E		16		
0137	HOLL	23	1250	1251	1259	N08	E45	9468	05	26.9	9	SF		3	E		23		
0138		23	1428	1428	1431	N06	E44	9468	05	26.9	3	SF					14		
	SVTO	23	1428	1428	1431	N07	E44	9468	05	26.9	3	SF		3	E		11		
	RAMY	23	1428	1428	1431	N06	E45	9468	05	27.0	3	SF		3	E		17		
0139	LEAR	24	0530	0533	0538	N08	E34	9468	05	26.8	8	SF		3	E		17		F
0140	URUM	24	0611	0623	0623D	N19	W43	9461	05	21.0	12D	1N			P		241	3.6	E
0141	SVTO	24	0947	0950	0950	S07	E09	9465	05	25.1	3	SF		3	E		12		H
0142	KHAR	24	1230		1248	S20	W38	9470	05	21.6	18	SF		2	V				H
0143	HOLL	24	1934	1939	2021	N07	E29	9468	05	27.0	47	1N		3	E		238		FH
0144		25	00023	00043	0013	N05	W12	9463	05	24.1	11	SF					71	1.3	BF
	LEAR	25	0002	0006	0020	N06	W13	9463	05	24.0	18	SF		3	E		52		F
	MITK	25	0004	0004	0007	N05	W13	9463	05	24.0	3	SN			C	0004	125	1.3	B
	HOLL	25	0005	0007	0012	N05	W10	9463	05	24.2	7	SF		3	E		37		F
0145	LEAR	25	0407	0407	0420	S09	E04	9465	05	25.5	13	SF		3	E		17		F
0146	LEAR	25	0434	0434	0437	S17	W51	9470	05	21.3	3	SF		3	E		18		
0147	LEAR	25	0446	0446	0450	N06	E21	9468	05	26.8	4	SF		3	E		11		F
0148		25	0504	0507	0510	N08	E22	9468	05	26.9	6	1N					110	2.4	E
	LEAR	25	0504	0507	0510	N09	E21	9468	05	26.8	6	SF		3	E		12		
	URUM	25	0506E	0506U	0506D	N07	E24	9468	05	27.0	6D	1N			P		209	2.4	E
0149		25	07102	07111	0719	N03	E20	9468	05	26.8	9	1N					105	2.1	EF
	URUM	25	0710	0711	0717	N03	E19	9468	05	26.7	7	1N			C		193	2.1	E
	LEAR	25	0712	0712	0721	N03	E20	9468	05	26.8	9	SF		3	E		17		F
0150	URUM	25	0812E	0812	0812D	N06	E19	9468	05	26.8	9D	SN			P		96	1.1	E
0151	KHAR	25	0856	0858	0903	N06	E18	9468	05	26.7	7	SF		2	P	0901	30		D
0152		25	09311	09353	1000	N23	W48	9461	05	21.7	29	1N					218	4.4	EH
	URUM	25	0931	0938	0951	N24	W48	9461	05	21.7	20	1N			C		257	4.4	E
	KHAR	25	0932	0935	1009	N22	W48	9461	05	21.7	37	1F		2	P	0942	180		HE
		25	1026		1036	No Flare Patrol													
0153	RAMY	25	1053	1054	1102	N03	E19	9468	05	26.9	9	SF		3	E		29		F
0154	RAMY	25	1119	1120	1124	N03	E19	9468	05	26.9	5	SF		3	E		13		F
0155	HOLL	25	1916	1928	2014	N03	E16	9468	05	27.0	58	1F		3	E		164		F
0156	HOLL	25	2014	2017	2019	N03	E16	9468	05	27.0	5	SF		3	E		10		
0157	RAMY	25	1919	1929	2004	S08	W07	9468	05	25.3	45	1F		3	E		175		FH
0158	HOLL	25	1936	1946	1956	N05	W23	9463	05	24.1	20	SF		3	E		23		F
		25	2044		2051	No Flare Patrol													
0159	HOLL	25	2202	2204	2233	N07	E15	9468	05	27.0	31	SF		3	E		73		F
		26	1041		1121	No Flare Patrol													
0160		26	1207	1209	1216	N03	E00	9468	05	26.5	9	SF					30		
	SVTO	26	1207	1208U	1219D	N04	E00	9468	05	26.5	12D	SF		3	E		14		
	RAMY	26	1207	1209	1216	N02	E00	9468	05	26.5	9	SF		3	E		45		

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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
0161	HOLL	26	1620	1623	1624	N04	E03	9468	05	26.9	4	SF		3	E		11		
		28	1745		1748	No Flare Patrol													
		28	1810		1859	No Flare Patrol													
		28	1923		1928	No Flare Patrol													
		28	1940		1947	No Flare Patrol													
		28	2009		2053	No Flare Patrol													
		28	2201		2241	No Flare Patrol													
		29	0018		0036	No Flare Patrol													
		29	0046		0111	No Flare Patrol													
0162		29	05241	05263	0535	N20	E43	9475	06	1.5	11	SF					32	0.5	B
	LEAR	29	0524	0526	0544	N20	E43	9475	06	1.5	20	SF		3	E		44		
	MITK	29	0525	0526	0527	N21	E43	9475	06	1.5	2	SN			C	0526	35	0.5	B
	SVTO	29	0525	0529	0533	N20	E43	9475	06	1.5	8	SF		3	E		16		
0163	SVTO	29	0753	0754	0802	N19	E41	9475	06	1.4	9	SF		3	E		12		F
		30	0149		0406	No Flare Patrol													
		31	0701		0749	No Flare Patrol													
0164	HOLL	31	2057	2106	2108	S16	W31	9477	05	29.5	11	SF		3	E		15		

"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