

H - ALPHA SOLAR FLARES

APRIL 1984

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0001	01		00351	00361	0048	S16	E10	4455	04	1.8	13	SN				36	.5	DT
	YUNN	01	0035	0037	0039D	S16	E10	4455	04	1.8	4D	SN		P		47	.5	DT
	HOLL	01	0036	0036	0048	S16	E10	4455	04	1.8	12	SF	3	C		24		
0002	01		0142	01478	0203	N18	E30	4458	04	3.3	21	SN C	1.0			49	.6	EFT
	LEAR	01	0142	0155	0204	N18	E30	4458	04	3.3	22	SN C	1.0	3	C	51		F
	YUNN	01	0145E	0147	0202	N18	E30	4458	04	3.3	17D	SN C	1.0	P		47	.6	ET
0003	01		02118	02136	0220	S13	E21	4455	04	2.7	9	SN				46	.6	FT
	YUNN	01	0211	0213	0215	S14	E23	4455	04	2.8	4	SN		C		31	.4	T
	CULG	01	0212	0213	0216	S13	E22	4455	04	2.7	4	SF		C	0213	60	.7	
	LEAR	01	0212	0213	0217	S14	E22	4455	04	2.7	5	SN		C		49		F
	PALE	01	0212	0213	0230	S13	E23	4455	04	2.8	18	SF		C		69		F
	LEAR	01	0219	0219	0224	S14	E17	4455	04	2.4	5	SN		C		23		F
0004	01		0245*	0250*	0320	N20	E31	4458	04	3.5	35	1B C	8.3			185	2.4	EFHIKTV
	URUM	01	0245	0255	0305	N19	E29	4458	04	3.3	20	SB		C		16	.2	
	CULG	01	0247	0256	0314	N21	E29	4458	04	3.3	27	1B		C	0256	320	4.1	F
	LEAR	01	0248	0250	0339	N18	E32	4458	04	3.5	51	SN		C		93		K
	PALE	01	0248	0256	0326	N20	E32	4458	04	3.6	38	1B C	8.3	3	C	252		FE
	LEAR	01	0248	0256	0339	N18	E32	4458	04	3.5	51	1B C	8.3	3	C	276		FHK
	PEKG	01	0252E	0259	0306	N19	E31	4458	04	3.5	14D	1B		P	0259	328	4.4	F
	VORO	01	0254	0256	0304	N18	E30	4458	04	3.4	10	1N		C	0256	197	2.5	EIV
	YUNN	01	0256E	0256U	0319	N18	E30	4458	04	3.4	23D	1B		P	0256	189	2.5	FT
	YUNN	01	0308	0311	0320	N23	E34	4458	04	3.7	12	SB		C		63	.9	T
	VORO	01	0309	0311	0329	N24	E33	4458	04	3.7	20	SF		C	0311	72	1.0	E
	PEKG	01	0309	0312	0317	N20	E32	4458	04	3.6	8	1N		C	0312	235	3.2	F
	0005	01		02509	03005	0328	S12	E18	4455	04	2.5	38	SN				199	3.0
LEAR		01	0250	0304	0352	S13	E17	4455	04	2.4	62	SN		C		126		F
PALE		01	0253	0303	0332	S12	E18	4455	04	2.5	39	SN		C		128		F
YUNN		01	0256E	0300	0315	S12	E18	4455	04	2.5	19D	SN		P		79	.9	ET
PEKG		01	0259	0305	0313	S12	E17	4455	04	2.4	14	1N		C	0305	462	5.0	F
0006	PALE	01	0251	0302	0315	S10	E62	4460	04	5.8	24	SF	3	C		19		
0007	01		0453*	0500*	0544	S11	E16	4455	04	2.4	51	SN C	1.0			145	1.7	DEFJKT
	LEAR	01	0453	0500	0602	S11	E16	4455	04	2.4	69	SN		C		125		K
	LEAR	01	0453	0535	0602	S11	E16	4455	04	2.4	69	SN C	1.0	3	C	111		FK
	CULG	01	0454	0500	0518D	S10	E15	4455	04	2.3	24D	SB		P	0500	100	1.0	JF
	URUM	01	0454	0514	0554	S12	E16	4455	04	2.4	60	SF		C		126	1.4	
	YUNN	01	0459E	0501	0525	S12	E15	4455	04	2.3	26D	SB		P		110	1.2	T
	PEKG	01	0513	0516	0522	S11	E16	4455	04	2.4	9	SN		C	0516	126	1.4	D
	PEKG	01	0528	0531	0539	S13	E16	4455	04	2.4	11	1N		C	0531	315	3.4	E
	0008	01		06453	06455	0656	S13	E15	4455	04	2.4	11	SN				53	.6
CATA		01	0645	0645	0655	S12	E15	4455	04	2.4	10	S		C	0645	56	.6	
YUNN		01	0647E	0647U	0650	S13	E16	4455	04	2.5	3D	SN		P	0647	47	.5	ET
LEAR		01	0648	0650	0703	S13	E15	4455	04	2.4	15	SN		C		57		F
0009	01		0705*	0706*	0727	N17	E28	4458	04	3.4	22	SN				47	.6	T
	LEAR	01	0705	0706	0712	N18	E28	4458	04	3.4	7	SN		C		33		
	ATHN	01	0709E	0710	0713	N17	E27	4458	04	3.3	4D	SN		V	0710	48	.6	
	URUM	01	0719	0724	0734	N18	E28	4458	04	3.4	15	SN		C		79	1.0	
	LEAR	01	0724	0725	0729	N17	E28	4458	04	3.4	5	SN		C		35		
	MANI	01	0724E	0725	0731	N17	E28	4458	04	3.4	7D	SN		V		41	.4	
	YUNN	01	0725E	0725U	0728	N18	E28	4458	04	3.4	3D	SN		P	0725	63	.8	T
	ATHN	01	0737	0741	0746	N18	E27	4458	04	3.4	9	SN		V	0741	32	.4	
0010	01		07571	07581	0802	S15	E11	4455	04	2.2	5	SN C	1.0			111	1.7	T
	YUNN	01	0750E	0759	0802	S15	E12	4455	04	2.2	12D	SN C	1.0	P		157	1.7	T
	KANZ	01	0757	0758	0801	S15	E11	4455	04	2.2	4	SN						
	LEAR	01	0758	0759	0804	S16	E11	4455	04	2.2	6	SN C	1.0	3	C	65		
0011	URUM	01	0956	1000	1003	N17	E26	4458	04	3.4	7	SN		C		47	.6	E
0012	RAMY	01	1124	1125	1138	N18	E25	4458	04	3.4	14	SF		C		30		

H - ALPHA SOLAR FLARES

93
Apr 84

APRIL 1984

Grp #	Sta	Day	Start (UT)	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)	
0013	ATHN	01	1216	1220	1222	N20	E28	4458	04	3.6	6	SN		2	V	1220	32	.4	
0014		01	1406E	1409	1412	N22	E28	4458	04	3.7	6D	SN					29		
	HOLL	01	1406E	1409U	1411	N22	E28	4458	04	3.7	5D	SF		3	C		22		
	RAMY	01	1409E	1409	1414	N23	E28	4458	04	3.7	5D	SN		3	C		36		
0015		01	1454	1456	1501	S10	W52	4456	03	28.8	7	SF					39		
	HOLL	01	1454	1456	1500	S09	W52	4456	03	28.8	6	SF		3	C		39		
	RAMY	01	1500E		1502	S10	W51	4456	03	28.9	2D	SF		3	C				
0016	HOLL	01	1519	1523	1604	S14	E04	4455	04	1.9	45	SF		3	C		46		F
0017		01	1624	1625	1654	S13	E04	4455	04	2.0	30	SF					52		F
	HOLL	01	1624	1625	1642	S13	E03	4455	04	1.9	18	SF		3	C		31		F
	RAMY	01	1626	1628	1706	S13	E04	4455	04	2.0	40	SF		3	C		74		F
0018	PALE	01	1849	1851	1906	S11	W16	4454	03	31.6	17	SF		3	C		29		
0019		01	2137*	2203*	2308	S12	E67		04	6.9	91	2N	C 7.6				469		EIKU
	PALE	01	2137	2204	2320	S12	E66		04	6.9	103	3B	C 7.6	3	C		818		UEK
	PALE	01	2137	2222	2320	S12	E66		04	6.9	103	2N		3	C		402		K
	VORO	01	2154	2203	2243	S13	E69		04	7.1	49	1F			C	2203	188		EI
0020	PALE	01	2146	2147	2157	S11	E51	4460	04	5.7	11	SF		3	C		33		
0021	PALE	01	2203	2203	2207	S14	E06	4455	04	2.4	4	SF		3	C		30		
0022	PALE	01	2312	2319	2327	S15	E01	4455	04	2.0	15	SF		3	C		65		
0023	PALE	01	2352	2357	2404	S14	E02	4455	04	2.1	12	SF		3	C		52		
0024	LEAR	02	0129	0133	0156	S13	W01	4455	04	2.0	27	SF		3	C		51		
0025	PALE	02	0239	0239	0301	N22	E19	4458	04	3.6	22	SF		3	C		20		
0026		02	0304	0305	0318	S15	E10	4461	04	2.9	14	SN					30		
	PALE	02	0304	0305	0315	S15	E10	4461	04	2.9	11	SF		3	C		27		
	LEAR	02	0304	0305	0320	S15	E09	4461	04	2.8	16	SN		3	C		34		
0027		02	0512I	0517E	0550	S12	E58	4460	04	6.6	38	1N	C 1.2				138	1.6	FGKS
	LEAR	02	0512	0517	0559	S13	E58	4460	04	6.6	47	1B		3	C		197		K
	CULG	02	0512	0518	0607	S10	E56	4460	04	6.4	55	1F			C	0518	150	2.7	SF
	LEAR	02	0512	0523	0559	S13	E58	4460	04	6.6	47	1B	C 1.2	3	C		269		FK
	URUM	02	0513	0519	0546	S10	E58	4460	04	6.6	33	SN			C		63	1.2	
	MANI	02	0515E	0517	0522	S13	E58	4460	04	6.6	7D	SN		1	V		102	1.8	F
	YUNN	02	0520E	0525U	0549	S11	E58	4460	04	6.6	29D	SN	C 1.2		P	0525	47	.9	G
0028	ATHN	02	0955E	0958D	1018	S12	W05	4455	04	2.0	23D	SB	C 9.3	2	V	0958	159	1.8	
		02	1146		1219	No Flare Patrol													
0029	RAMY	02	1150	1151	1202	N20	E14	4458	04	3.6	12	SN		3	C		142		
0030	HOLL	02	1622	1626	1714	S14	E42	4460	04	5.8	52	SF	C 1.2	3	C		60		F
0031	LEAR	03	0109	0109	0113	S10	W21	4454	04	1.5	4	SN		3	C		22		F
0032		03	0121I	0122I	0129	S13	E56	4462	04	7.3	8	SF					50		U
	PALE	03	0121	0122	0126	S12	E56	4462	04	7.3	5	SF		3	C		19		
	LEAR	03	0122	0123	0132	S14	E57	4462	04	7.4	10	SF		3	C		82		U
0033		03	0123*	0138	0150	S09	W74	4456	03	28.6	27	SN					46		F
	LEAR	03	0123	0138	0156	S09	W72	4456	03	28.7	33	SN		3	C		62		F
	YUNN	03	0135	0138	0145	S09	W75	4456	03	28.5	10	SN			C		31		
0034	LEAR	03	0139	0150	0156	S13	W18	4455	04	1.7	17	SF		3	C		24		F
0035	LEAR	03	0204	0204	0209	N21	E02	4458	04	3.2	5	SF		3	C		35		

H - ALPHA SOLAR FLARES

APRIL 1984

Grp #	Sta	Day	Start (UT)	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)	
0036		03	0229*	0233*	0306	S12 W20	4455	04	1.6	37	SN						51	.7	
	LEAR	03	0229	0233	0309	S13 W18	4455	04	1.7	40	SN			3	C		32		
	CULG	03	0259	0300	0303	S11 W21	4455	04	1.5	4	SF				C	0300	70	.7	
0037	LEAR	03	0336	0412	0437	S13 W17	4455	04	1.9	61	SF			3	C		40		F
0038	LEAR	03	0418	0419	0432	S11 W75	4456	03	28.6	14	SF			3	C		23		
0039		03	06184	06242	0654	S13 W18	4455	04	1.9	36	SN	C	2.1				178	2.2	EF1JT
	ABST	03	0618	0626	0656	S13 W18	4455	04	1.9	38	1N				C	0626	262	2.8	EIT
	CULG	03	0619	0624	0651	S13 W17	4455	04	2.0	32	SN				C	0624	160	1.7	J
	LEAR	03	0622	0625U	0656	S13 W18	4455	04	1.9	34	SB	C	2.1	2	C		100		FE
	YUNN	03	0624E	0627U	0642D	S13 W18	4455	04	1.9	18D	SN	C	2.1		P	0627	189	2.1	F
0040	LEAR	03	0725	0726	0732	S10 W36	4454	03	31.6	7	SN			3	C		19		
0041	HTPR	03	0733E		0735D	S12 W22	4455	04	1.6	2D	SF				C	0735	20	.2	
0042	HTPR	03	0828E		0848	S14 W26	4455	04	1.4	20D	SF				C	0835	10	.1	
0043	HTPR	03	0849	0857	0907	S12 W22	4455	04	1.7	18	SN				C	0857	30	.3	
			03	1123		1125	No Flare Patrol												
0044	HTPR	03	1158	1203	1225	S12 E30	4458B	04	5.7	27	SB				C	1203	70	.8	E
0045	HTPR	03	1207	1208	1223	S12 W24	4455	04	1.7	16	SB				C	1208	30	.3	E
0046	HTPR	03	1208	1216	1242	N21 E01	4458	04	3.6	34	SN				C	1216	60	.6	E
0047	HTPR	03	1232	1235	1240	S12 W24	4455	04	1.7	8	SB				C	1235	20	.2	E
0048		03	1405*	1426	1447	S12 W17	4455	04	2.3	42	SF						46	.3	E
	HTPR	03	1405	1426	1445	S11 W17	4455	04	2.3	40	SF				C	1426	30	.3	E
	HOLL	03	1424	1426	1449	S12 W17	4455	04	2.3	25	SF			3	C		61		
0049	HTPR	03	1452	1453	1500	N22 W08	4458	04	3.0	8	SF				C	1453	20	.2	E
0050		03	15262	1529	1535	S12 W28	4455	04	1.5	9	SN	C	1.2				52	.4	
	HOLL	03	1526	1529	1536	S11 W28	4455	04	1.5	10	SF	C	1.2	3	C		65		
	HTPR	03	1527	1529	1534	S12 W28	4455	04	1.5	7	SB				C	1529	40	.4	
	RAMY	03	1528	1529	1536	S12 W28	4455	04	1.5	8	SF	C	1.2	3	C		51		
0051	HOLL	03	1546	1546	1557	S11 W29	4455	04	1.5	11	SF			3	C		25		H
0052		03	1550*	16103	1650	N23 E01	4458	04	3.7	60	SN	C	1.2				73	.2	
	HTPR	03	1550		1600D	N23 E02	4458	04	3.8	10D	SF				C	1558	20	.2	
	RAMY	03	1555	1610	1625D	N23 E03	4458	04	3.9	30D	SN	C	1.2	3	C		118		
	HOLL	03	1600	1613	1650	N22 W01	4458	04	3.6	50	SN	C	1.2	3	C		82		
0053	HOLL	03	1630	1635	1707D	S10 W25	4455	04	1.8	37D	SF			3	C		74		F
		03	1659		1704	No Flare Patrol													
		03	1708		1714	No Flare Patrol													
	03	1809		1834	No Flare Patrol														
0054	PALE	03	1841E	1846U	1911	S11 W44	4454	03	31.5	30D	SF			3	C		68		
0055	HOLL	03	2009	2010	2013	S19 E57		04	8.2	4	SF			3	C		41		
0056	HOLL	03	2111	2121	2159	N22 W04	4458	04	3.6	48	SF			3	C		47		F
0057		04	0019*	0034*	0226	S12 W32	4455	04	1.6	127	SN	C	4.2				114	1.7	EFKT
	LEAR	04	0019	0215	0317	S11 W32	4455	04	1.6	178	SN			3	C		40		K
	LEAR	04	0019	0259	0317	S11 W32	4455	04	1.6	178	SB	C	4.2	3	C		181		FK
	HOLL	04	0033	0034	0050	S12 W28	4455	04	1.9	17	SF			3	C		32		
	MAN1	04	0057	0100	0122	S11 W32	4455	04	1.6	25	SN			1	V		60		F
	YUNN	04	0058E	0058U	0104	S13 W36	4455	04	1.3	6D	SN				P	0058	31	.4	ET
	HOLL	04	0100E	0100U	0117D	S12 W32	4455	04	1.6	17D	SN			3	C		76		F
	PALE	04	0114	0118	0122	S13 W27	4455	04	2.0	8	SF			3	C		20		
	PALE	04	0158	0226	0309D	S13 W30	4455	04	1.8	71D	SN			3	C		125		F
	YUNN	04	0211	0212	0248	S13 W28	4455	04	2.0	37	SN				C		94	1.1	T
	URUM	04	0240	0300	0315	S11 W34	4455	04	1.5	35	SB				C		157	2.0	
	YUNN	04	0248	0256	0311	S10 W34	4455	04	1.6	23	1B	C	4.2		C		236	2.9	T
	CULG	04	0254	0259	0308	S13 W34	4455	04	1.5	14	1B				C	0259	280	3.3	
	MAN1	04	0255E	0259	0315	S12 W32	4455	04	1.7	20D	SN			1	V		150	1.6	F

H - ALPHA SOLAR FLARES

95
Apr 84

APRIL 1984

Grp #	Sta	Day	Start (UT)	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)			
0058		04	0359	0401	0404	N22	W07	4458	04	3.6	5	SN						30	.3		
	LEAR	04	0359	0401	0403	N22	W07	4458	04	3.6	4	SN		3	C			29			
	MANI	04	0400	0401	0406	N22	W07	4458	04	3.6	6	SN		1	V			30	.3		
0059		04	0635	0637	0652	S12	W32	4455	04	1.9	17	SF						31	.4	E	
	HTPR	04	0635	0640	0703	S12	W30	4455	04	2.0	28	SF			C	0640		30	.3	E	
	LEAR	04	0637	0637	0647	S12	W32	4455	04	1.9	10	SN		3	C			27			
	MANI	04	0639E	0640	0645	S12	W33	4455	04	1.8	6D	SF		1	V			35	.4		
0060	ISTA	04	0832		0840	S11	W32	4455	04	1.9	8	SB								EZ	
0061		04	0844	0846	0858	S11	W51	4454	03	31.5	14	SN						56	.5	EF	
	LEAR	04	0844	0846	0902	S11	W52	4454	03	31.4	18	SN		3	C			82		F	
	HTPR	04	0846	0851	0856	S11	W50	4454	03	31.6	10	SN			C	0851		30	.5	E	
	ISTA	04	0847	0849	0855	S10	W52	4454	03	31.4	8	SN									
0062		04	0937	0938	0951	S11	W39	4455	04	1.5	14	1B	C 6.5					228	2.8	ELTV	
	YUNN	04	0935E	0936U	0936D	S11	W40	4455	04	1.4	1D	SB	C 6.5		P	0936		31	.4	T	
	LEAR	04	0937	0938	0950	S12	W40	4455	04	1.4	13	1B	C 6.5	3	C			251			
	HTPR	04	0937	0939	0952	S12	W36	4455	04	1.7	15	1B			C	0939		350	4.3	EV	
	KHAR	04	0938E	0939	0950D	S10	W41	4455	04	1.3	12D	SB			V	0940				L	
	CATA	04	0940	0940	0950	S13	W39	4455	04	1.5	10	1	C 6.5	2	C	0940		281	3.7		
0063		04	1108*	1123*	1135	S15	W23	4455	04	2.7	27	SF						36	.4	EF	
	HTPR	04	1108	1123	1130	S13	W20	4455	04	2.9	22	SF			C	1123		40	.4	E	
	RAMY	04	1117	1123	1134	S14	W23	4455	04	2.7	17	SF		3	C			39		F	
	CATA	04	1135	1135	1140	S17	W25	4455	04	2.6	5	S		1	C	1135		28	.3		
0064	RAMY	04	1313	1314	1327	N20	W13	4458	04	3.5	14	SF		3	C			53		F	
0065		04	1331*	1335	1414	S14	W26	4455	04	2.6	43	SN						65		F	
	HOLL	04	1331	1335	1414	S13	W26	4455	04	2.6	43	SF		2	C			94		F	
	RAMY	04	1343	1344	1401D	S14	W25	4455	04	2.7	18D	SN		3	C			36		F	
0066		04	1603	1605	1625	S12	W39	4455	04	1.7	22	SN						55			
	RAMY	04	1603	1605	1623	S12	W39	4455	04	1.7	20	SN		3	C			56			
	HOLL	04	1603	1607	1627	S11	W39	4455	04	1.7	24	SN		3	C			54			
0067	RAMY	04	1722	1727	1749	S12	W38	4455	04	1.9	27	SN	C 1.8	3	C			44		FS	
0068		04	1820	1821	1936	N22	W12	4458	04	3.8	76	SN						119		F	
	HOLL	04	1820	1829	1938	N22	W13	4458	04	3.8	78	SN		3	C			166		F	
	RAMY	04	1821	1828	1935	N22	W12	4458	04	3.8	74	SN		3	C			72			
0069		04	1839	1840	1852	S12	W43	4455	04	1.5	13	SB	C 6.3					60		EF	
	RAMY	04	1839	1840	1853	S13	W43	4455	04	1.5	14	SB	C 6.3	3	C			37		FE	
	HOLL	04	1839	1842	1852	S11	W43	4455	04	1.5	13	SB	C 6.3	3	C			83		F	
0070	RAMY	04	1902	1909	1915	S10	W57	4454	03	31.5	13	SF		3	C			62			
		04	2021		2101	No Flare Patrol															
		04	2106		2109	No Flare Patrol															
		04	2116		2120	No Flare Patrol															
0071	CULG	04	2225	2227	2230	N20	W23	4458	04	3.2	5	SF				2227		30	.3		
0072		05	0626E	0628	0634	S12	W62	4454	03	31.6	8D	SF						18	.4	EF	
	HTPR	05	0626E		0636	S12	W61	4454	03	31.7	10D	SF			C	0630		20	.4	E	
	LEAR	05	0628E	0628	0631	S12	W63	4454	03	31.5	3D	SF		3	C			17		F	
0073		05	0647	0646	0653	S13	W50	4455	04	1.5	6	SF						48	.8	D	
	ABST	05	0643E	0646	0656	S14	W51	4455	04	1.4	13D	SF			P	0646		87	1.4	D	
	HTPR	05	0647	0648	0650	S12	W48	4455	04	1.7	3	SF			C	0648		10	.1		
0074		05	0729	0738*	0818	S16	W56	4455	04	1.1	49	SF	C 2.1					44	.8	DEFL	
	KHAR	05	0727E	0738	0825D	S13	W58	4455	03	31.9	58D	SF			V	0738				EL	
	YUNN	05	0729	0747	0811	S16	W57	4455	04	1.0	42	SN			C			47	.9		
	HTPR	05	0730E		0843	S15	W56	4455	04	1.1	73D	SF			C	0746		60	1.2	E	
	PEKG	05	0733	0740	0810	S16	W55	4455	04	1.1	37	SF	C 2.1		C	0740		42	.7	D	
	LEAR	05	0736	0750	0809	S16	W55	4455	04	1.1	33	SF	C 2.1	3	C			42		F	
	URUM	05	0739E	0739U	0744D	S17	W55	4455	04	1.1	5D	SN			P	0739		31	.6		

H - ALPHA SOLAR FLARES

APRIL 1984

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/USAF		CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks	
								Region	Region								Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0075	HTPR	05	0959E		1010	N23	W30	4458	04	3.1	11D	SF			C	0959	20	.2	E	
0076		05	1302	1310*	1430	N18	W27	4458	04	3.5	88	1B C 7.4					201	3.2	EFK	
	RAMY	05	1302	1310	1434	N17	W28	4458	04	3.4	92	SF	3	C			80		K	
	RAMY	05	1302	1332	1434	N17	W28	4458	04	3.4	92	1B C 7.4	3	C			267		FEK	
	ATHN	05	1311E	1334	1400D	N18	W26	4458	04	3.6	49D	1B C 7.4	3	V	1334		255	3.2		
	HOLL	05	1323E	1332	1421	N20	W27	4458	04	3.5	58D	1B C 7.4	2	C			203		F	
		05	1850		1853	No Flare Patrol														
0077	RAMY	05	1914	1916	1922	S13	W50	4455	04	2.0	8	SF			3	C		30		F
0078	RAMY	05	2044	2046	2051	S14	W48	4455	04	2.2	7	SF			3	C		33		
0079		05	2057I	2058I	2116	S08	W02	4460	04	5.7	19	SN						27		H
	RAMY	05	2057	2058	2115	S09	W02	4460	04	5.7	18	SF			3	C		28		
	HOLL	05	2058	2059	2116	S08	W02	4460	04	5.7	18	SN			3	C		26		H
0080		05	21127	2121*	2203	S13	W53	4455	04	1.9	51	SN C 3.1						76		FHK
	RAMY	05	2112	2121	2209	S14	W54	4455	04	1.8	57	SN C 3.1	2	C			103		FK	
	HOLL	05	2112	2122	2212	S12	W53	4455	04	1.9	60	SN C 3.1	3	C			94		FHK	
	RAMY	05	2112	2147	2209	S14	W54	4455	04	1.8	57	SF			2	C		65		K
	HOLL	05	2112	2148	2212	S12	W53	4455	04	1.9	60	SF			3	C		42		K
	PALE	05	2119	2121	2133	S14	W52	4455	04	1.9	14	SN C 3.1	3	C			79		F	
0081	HOLL	05	2234	2240	2300	S10	W55	4455	04	1.8	26	SF			3	C		28		F
0082		05	2315I	2317I	2322	S13	W55	4455	04	1.8	7	SF						49	1.0	F
	CULG	05	2315	2317	2321	S16	W55	4455	04	1.8	6	SF				C	2317	60	1.0	
	PALE	05	2315	2317	2323	S12	W55	4455	04	1.8	8	SF			3	C		55		
	HOLL	05	2316	2318	2323	S10	W55	4455	04	1.8	7	SN			3	C		33		F
0083		05	23342	2336	2342	S11	W56	4455	04	1.8	8	SF						29	.5	
	PALE	05	2334	2336	2342	S12	W56	4455	04	1.8	8	SF			3	C		33		
	HOLL	05	2336	2336	2341	S10	W56	4455	04	1.8	5	SF			3	C		24		
	MANI	05	2336	2336	2342	S12	W55	4455	04	1.8	6	SF			1	V		30	.5	
0084		05	2342	2342I	2352	S09	W02	4460	04	5.8	10	SF						24	.2	
	HOLL	05	2342	2342	2354	S09	W03	4460	04	5.8	12	SF			3	C		22		
	MANI	05	2343E	2343	2350	S09	W02	4460	04	5.8	7D	SF			1	V		25	.2	
0085		06	0158*	0206*	0330	S13	W50	4455	04	2.3	92	1N C 7.6						256	3.8	EFIJKTZ
	PALE	06	0158	0211	0359D	S12	W49	4455	04	2.4	121D	1N	3	C			227		K	
	PALE	06	0158	0303U	0359D	S12	W49	4455	04	2.4	121D	2B	3	C			514		ZFK	
	VORO	06	0159	0206	0224	S14	W48	4455	04	2.4	25	SN			C	0206	72	1.1	EI	
	LEAR	06	0159	0206	0435	S14	W47	4455	04	2.5	156	SB	3	C			161		K	
	MITK	06	0159	0206	0452	S12	W49	4455	04	2.4	173	SN			C	0206			E	
	PEKG	06	0159	0215	0245	S12	W50	4455	04	2.3	46	2N			C	0215	421	6.7	F	
	LEAR	06	0159	0307	0435	S14	W47	4455	04	2.5	156	1B C 7.6	3	C			321		ZFK	
	CULG	06	0201	0210	0231	S15	W47	4455	04	2.5	30	1N			C	0210	150	2.2	JF	
	YUNN	06	0210E	0215U	0300	S09	W51	4455	04	2.3	50D	1N			P	0215	189	3.1	FT	
	YUNN	06	0221	0227	0249	S14	W54	4455	04	2.0	28	SB			P		79	1.4	T	
	VORO	06	0254	0258	0341	S14	W51	4455	04	2.3	47	SN			C	0258	116	1.9	EI	
	PEKG	06	0255	0300	0335	S13	W51	4455	04	2.3	40	2B			P	0300	757	12.5	F	
	MITK	06	0255	0302	0338	S14	W50	4455	04	2.3	43	SN			C	0302			E	
	YUNN	06	0258	0259	0259D	S14	W55	4455	04	2.0	1D	1B			P		141	2.5	T	
	CULG	06	0258	0302	0324	S16	W52	4455	04	2.2	26	2N			C	0302	340	5.2	J	
	URUM	06	0302E	0302U	0330D	S14	W50	4455	04	2.3	28D	1N			P	0302	141	2.2		
	YUNN	06	0310E	0311	0345	S12	W51	4455	04	2.3	35D	1B C 7.6			P		220	3.6	T	
0086		06	0207	0209I	0231	S08	W08	4460	04	5.5	24	SN						102	.5	F
	PALE	06	0207	0209	0236	S08	W09	4460	04	5.4	29	SF			3	C		157		F
	LEAR	06	0207	0210	0231	S09	W07	4460	04	5.6	24	SN			3	C		103		F
	YUNN	06	0210E	0215U	0225	S07	W09	4460	04	5.4	15D	SB			P	0215	47	.5	F	
0087	LEAR	06	0410	0412	0417	S09	W06	4460	04	5.7	7	SF			3	C		23		F
0088	LEAR	06	0439	0452	0500	S10	W10	4460	04	5.4	21	SF			3	C		63		

H - ALPHA SOLAR FLARES

97
Apr 84

APRIL 1984

Grp #	Sta	Day	Start (UT)	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)		
0089	ABST	06	0447E	0448	0458D	S14	W03	4462	04	6.0	11D	1F			P	0448	227	2.4	E	
0090	LEAR	06	0504	0507	0512	S10	W76	4454	03	31.5	8	SF		3	C		15			
0091		06	0730*	0734*	0758	S08	W09	4460	04	5.6	28	SN	C 1.2				108	1.0	EFL	
	KHAR	06	0728E	0735	0750D	S07	W10	4460	04	5.6	22D	SN			V	0735			EL	
	BUCA	06	0730		0815	S08	W10	4460	04	5.6	45	SN	C 1.2		P	0737	107	1.1		
	LEAR	06	0730	0734	0811	S08	W09	4460	04	5.6	41	SB	C 1.2	3	C		161		F	
	HTPR	06	0730	0736	0753	S09	W10	4460	04	5.6	23	SB			C	0736	60	.6	E	
	ISTA	06	0731		0740	S08	W08	4460	04	5.7	9	SF	C 1.2						E	
	YUNN	06	0731	0737	0747	S08	W09	4460	04	5.6	16	SB	C 1.2		P		94	1.0	E	
	PEKG	06	0735	0739	0753	S07	W08	4460	04	5.7	18	1N	C 1.2		P	0739	294	3.1	E	
	URUM	06	0741E	0741U	0751	S09	W09	4460	04	5.6	10D	SF			P	0741	31	.3		
	HTPR	06	0759	0803	0810	S10	W10	4460	04	5.6	11	SF			C	0803	10	.1		
0092		06	0905	0907	0927	S10	W78	4454	03	31.5	22	SF					34			
	LEAR	06	0905	0907	0927	S11	W79	4454	03	31.4	22	SF		3	C		34			
	KHAR	06	0917E		0923D	S08	W78	4454	03	31.5	6D	SF			V	0921				
0093		06	0943	0948	1012	S08	W10	4460	04	5.6	29	SN					130	1.3	E	
	KHAR	06	0943E		0946D	S07	W11	4460	04	5.6	3D	SF			V	0943			E	
	HTPR	06	0943	0948	1012	S08	W10	4460	04	5.6	29	SN			C	0948	130	1.3	E	
0094		06	1027	1039	1150	S12	W11	4460	04	5.6	83	2N					538	6.5	EFLU	
	HTPR	06	1027	1039	1200	S11	W12	4460	04	5.5	93	2B			C	1039	650	6.5	EIU	
	RAMY	06	1109E		1141	S12	W10	4460	04	5.7	32D	1F		3	C		427		F	
0095	HTPR	06	1037	1040	1120	S20	E06	4462B	04	6.9	43	SF			C	1040	20	.2		
0096		06	12091	1212	1224	S12	W62	4455	04	1.8	15	SF					18	.2		
	HTPR	06	1209	1212	1223	S12	W61	4455	04	1.9	14	SF			C	1212	10	.2		
	RAMY	06	1210	1212	1225	S13	W63	4455	04	1.7	15	SF		3	C		25			
0097	RAMY	06	1312	1316	1328	S16	W56	4455	04	2.3	16	SF		3	C		18			
0098	HTPR	06	1350	1357	1410	N23	W31	4458	04	4.2	20	SF			C	1357	10	.1		
0099		06	14302	1438*	1506	S12	W64	4455	04	1.8	36	SN					34	.7	E	
	HTPR	06	1430	1500	1530	S11	W64	4455	04	1.8	60	SN			C	1500	30	.7	E	
	RAMY	06	1432	1438	1441	S12	W65	4455	04	1.7	9	SF		3	C		38			
		06	1659		1714	No Flare Patrol														
		06	1722		1730	No Flare Patrol														
0100	RAMY	06	1825	1826	1843D	S14	W60	4455	04	2.2	18D	SF		3	C		57			
0101	RAMY	06	2004E		2004D	S15	W55	4455	04	2.7	18D	SF		2	C				F	
0102	RAMY	06	2107	2110	2136	S12	W74	4455	04	1.3	29	SF	C 2.2	3	C		59			
0103	PALE	06	2157E	2157U	2240	S12	W74	4455	04	1.3	43D	SF	C 3.0	3	C					
0104		06	2344	2345E	2356	S09	W18	4460	04	5.6	12	SN	C 2.0				71	.6		
	LEAR	06	2344	2345	2351	S09	W18	4460	04	5.6	7	SB	C 2.0	3	C		70			
	PALE	06	2346E	2346U	2351D	S09	W18	4460	04	5.6	5D	SF	C 2.0	3	C		79			
	MANI	06	2346E	2347	2401	S09	W18	4460	04	5.6	15D	SB		1	V		65	.6		
0105		07	0036E	0039*	0120	N22	W45	4458	04	3.6	44D	SF					52	1.1	E	
	YUNN	07	0036E	0039	0110	N25	W44	4458	04	3.6	34D						63	1.1	E	
	PURP	07	0052E	0056	0107	N19	W49	4458	04	3.3	15D	SF			C				E	
	PALE	07	0057E	0058U	0120D	N23	W44	4458	04	3.6	23D	SF		3	C		56			
	LEAR	07	0116E	0120U	0143	N23	W43	4458	04	3.7	27D	SF		3	C		37			
0106		07	0247	02481	0303	S10	W80	4454	04	1.1	16	1B	M 2.9				130		F	
	LEAR	07	0247	0248	0300	S11	W77	4454	04	1.3	13	SB	M 2.9	3	C		106		F	
	URUM	07	0247	0249	0304	S08	W81	4454	04	1.0	17	1B			C		94			
	YUNN	07	0248E	0248U	0304	S08	W84	4454	03	31.8	16D	2B	M 2.9		P	0248	189		F	
	PALE	07	0249E	0249U	0305D	S11	W77	4454	04	1.3	16D	SB	M 2.9	3	C				F	

H - ALPHA SOLAR FLARES

APRIL 1984

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks	
						Lat	CMD	Region								Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0107	MANI	07	0252E	0252U	0300D	S15	W63	4455	04	2.4	8D	SN	1	V		95	2.0	F	
0108	KHAR	07	0828E		0840D	S08	W90	4454	03	31.6	12D	SF		V	0830				
0109	HTPR	07	0842	0847	0855	S12	W64	4455	04	2.5	13	SN		C	0847	10	.2		
0110		07	0940	0946	1006	S10	W68	4455	04	2.3	26	SN				10	.2	D	
	HTPR	07	0940	0946	1006	S12	W64	4455	04	2.6	26	SN		C	0946	10	.2		
	KHAR	07	0946E		1002D	S09	W73	4455	04	1.9	16D	SF		V	0946			D	
0111		07	1039	1041	1045	S10	W73	4455	04	1.9	6	SF				20	.3	DE	
	KHAR	07	1033E		1050D	S09	W73	4455	04	2.0	17D	SF		V	1036			D	
	HTPR	07	1039	1041	1045	S12	W73	4455	04	1.9	6	SF		C	1041	20	.3	E	
0112		07	11414	1155*	1218	S14	W65	4455	04	2.6	37	SN				20	.5		
	RAMY	07	1141	1155	1222	S16	W64	4455	04	2.6	41	SF	3	C		20			
	HTPR	07	1145	1208	1215	S12	W66	4455	04	2.5	30	SN		C	1208	20	.5		
0113		07	1323	1323	1332	S12	W72	4455	04	2.1	9	SN				16	.2		
	HTPR	07	1316E		1333	S12	W67	4455	04	2.5	17D	SN		C	1325	10	.2		
	RAMY	07	1323	1323	1332	S13	W77	4455	04	1.7	9	SN	3	C		21			
0114	HTPR	07	1353		1359D	S12	W67	4455	04	2.5	6D	SN		C	1354	20	.4		
0115	RAMY	07	1809	1810	1818	S11	W30	4460	04	5.5	9	SF	3	C		29			
0116	RAMY	07	1936	1936	1944D	S12	W82	4455	04	1.6	8D	SF	3	C		14			
		07	1945		1952	No Flare Patrol													
0117	RAMY	07	2005E		2025	S13	W28	4460	04	5.7	20D	SF	3	C					
		07	2006		2013	No Flare Patrol													
		07	2117		2123	No Flare Patrol													
0118	RAMY	07	2133	2136	2141	S12	W30	4460	04	5.6	8	SF	2	C		33			
		07	2205		2216	No Flare Patrol													
0119		08	0017E	0017	0040	S11	W16	4462	04	6.8	23D	SN				72		F	
	LEAR	08	0017E	0017	0049	S11	W17	4462	04	6.7	32D	SN	3	C		90		F	
	PALE	08	0018E	0018U	0030	S11	W16	4462	04	6.8	12D	SF	3	C		53		F	
0120		08	0340	03451	0410	S14	W64	4455	04	3.3	30	SN				54	.7	DF	
	LEAR	08	0340	0346	0422	S15	W64	4455	04	3.3	42	SN	3	C		77		F	
	YUNN	08	0341E	0345	0357	S14	W65	4455	04	3.2	16D	SN		P		31	.7	D	
0121		08	07301	07341	0752	N21	W63	4458	04	3.5	22	SF	C 1.0			73	1.3	F	
	URUM	08	0730	0734	0739	N23	W60	4458	04	3.7	9	1N		C		79			
	LEAR	08	0731	0735	0758	N20	W64	4458	04	3.4	27	SF	C 1.0	3	C	80		F	
	MANI	08	0734E	0735	0758	N20	W64	4458	04	3.4	24D	SF	1	V		59	1.3	F	
		08	0950		1014	No Flare Patrol													
	08	1021		1044	No Flare Patrol														
0122	LEAR	09	0352	0353	0411	N24	W73	4458	04	3.5	19	SF	3	C		25			
		09	0951		1052	No Flare Patrol													
	09	1102		1105	No Flare Patrol														
0123	RAMY	09	1108E	1117U	1152	N02	E29		04	11.6	44D	SF	3	C		83		F	
		09	1753		2137	No Flare Patrol													
0124		10	00144	00167	0026	S12	W44	4462	04	6.7	12	SN				111	1.5	E	
	CULG	10	0014	0016	0027	S14	W43	4462	04	6.7	13	SF		C	0016	130	1.7		
	PEKG	10	0018	0023	0026	S11	W44	4462	04	6.7	8	SN		C	0023	92	1.3	E	

H - ALPHA SOLAR FLARES

99
Apr 84

APRIL 1984

Grp #	Sta	Day	Start (UT)	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)		
0125	YUNN	10	0117E	0124	0137	N22	W88		04	3.3	20D	SN			P		31		AG	
0126	PEKG	10	0220	0235	0246	N10	E90	4468	04	16.8	26	SF			C	0235	50		A	
0127	WEND	10	0728E		0740	N12	E90	4468	04	17.1	12D	SN			C	0728	30			
0128	YUNN	10	0816	0820	0837	S10	W65	4462	04	5.5	21	SF			C		63	1.5		
0129		10	0956*	10227	1044	N11	E84	4468	04	16.7	48	SN					70		G	
	WEND	10	0956	1022	1044	N11	E85	4468	04	16.8	48	SN			C	1022	45			
	URUM	10	1011	1026	1050	N12	E84	4468	04	16.7	39	1N			C		94			
	KANZ	10	1029E	1029	1037	N11	E83	4468	04	16.7	8D	SB		1					G	
0130	KANZ	10	1223	1228	1232	N11	E83	4468	04	16.8	9	SF		1					G	
		10	1237		1250	No Flare Patrol														
		10	1256		1343	No Flare Patrol														
		10	1345		1636	No Flare Patrol														
		10	1958		2110	No Flare Patrol														
0131	YUNN	11	0025	0035	0107	N10	E71	4468	04	16.3	42	SF			C		31		DT	
0132	YUNN	11	0135	0147	0200	N10	E70	4468	04	16.3	25	SF			C		31		DT	
0133	YUNN	11	0208	0220	0235	N10	E71	4468	04	16.4	27	SF			C		31		ET	
0134		11	05501	05533	0606	S13	W78		04	5.3	16	1N					82		A	
	CULG	11	0550	0553	0559	S14	W77		04	5.4	9	1N			C	0553	70		A	
	YUNN	11	0551	0556	0613	S12	W80		04	5.2	22	1N			C		94		A	
0135	YUNN	11	0620	0631	0640	N12	E69	4468	04	16.5	20	SN			C		47		DT	
0136	HTPR	11	1018	1024	1033	N12	E67	4468	04	16.5	15	SF			C	1024	10	.2		
0137	HTPR	11	1449E		1700D	N12	E66	4468	04	16.6	131D	SN			C	1512	30	.7	ET	
0138	HTPR	11	1530	1532	1549	S18	W49	4462	04	7.9	19	SF			C	1532	20	.3	EG	
		11	1852		1859	No Flare Patrol														
		11	1932		1937	No Flare Patrol														
		11	1944		1949	No Flare Patrol														
0139		11	21561	22098	2238	N10	E62	4468	04	16.6	42	SN					18		FK	
	HOLL	11	2156	2209	2237	N09	E63	4468	04	16.6	41	SN		3	C		20		K	
	HOLL	11	2156	2216	2237	N09	E63	4468	04	16.6	41	SN		3	C		14		FK	
	PALE	11	2157	2217	2241	N11	E59	4468	04	16.3	44	SF		3	C		21		F	
0140		11	23391	23427	2419	N09	E58	4468	04	16.3	40	SN	C 1.2				27		FK	
	LEAR	11	2339	2342	2417	N10	E57	4468	04	16.3	38	SN		3	C		32		K	
	LEAR	11	2339	2349	2417	N10	E57	4468	04	16.3	38	SB	C 1.2	3	C		28		FK	
	HOLL	11	2340	2347	2424	N08	E59	4468	04	16.4	44	SN	C 1.2	3	C		21		F	
0141		12	0027*	00392	0051	N10	E58	4468	04	16.4	24	SN	C 1.2				37	.7	F	
	HOLL	12	0027	0050U	0056D	N11	E58	4468	04	16.4	29D	SN	C 1.2	3	C		30			
	MANI	12	0038	0039	0050	N10	E58	4468	04	16.4	12	SN		1	Y		40	.7	F	
	PALE	12	0038	0039	0053	N09	E55	4468	04	16.1	15	SN	C 1.2	3	C		45		F	
	LEAR	12	0039	0041	0049	N10	E59	4468	04	16.5	10	SB	C 1.2	3	C		34		F	
0142	PALE	12	0152	0154	0158	N11	E56	4468	04	16.3	6	SN	C 1.0	3	C		18		F	
0143		12	0220*	02335	0245	N10	E56	4468	04	16.3	25	SN	C 1.6				18			
	PALE	12	0220	0233	0246	N11	E56	4468	04	16.3	26	SF	C 1.6	3	C		18			
	LEAR	12	0238	0238	0244	N09	E56	4468	04	16.3	6	SN	C 1.6	3	C		19			
0144		12	0414*	04264	0436	N10	E56	4468	04	16.4	22	SN					56	1.3	F	
	URUM	12	0414	0430	0441	N10	E58	4468	04	16.5	27	SN			C		63	1.3		
	LEAR	12	0425	0426	0431	N10	E55	4468	04	16.3	6	SN		3	C		50		F	

100
Apr 84

H - ALPHA SOLAR FLARES

APRIL 1984

Grp #	Sta	Start Day (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0145		12 0536	0537	0547	N10	E55	4468	04	16.4	11	SN	C 3.3				53	.8	F
	LEAR	12 0536		0546	N10	E55	4468	04	16.4	10	SB	C 3.3	3	C		59		F
	MANI	12 0537E	0537	0540	N10	E55	4468	04	16.4	3D	SF		1	V		53	.8	
	URUM	12 0548E	0548U	0556	N10	E55	4468	04	16.4	8D	SN			P	0548	47	.9	
0146	HTPR	12 0639	0639	0646	S17	W56		04	8.0	7	SF			C	0639	10	.1	
0147		12 0710	0713*	0737	N10	E55	4468	04	16.4	27	SF					40	.7	EK
	HTPR	12 0710	0713	0737	N10	E55	4468	04	16.4	27	SF			C	0713	20	.3	EK
	HTPR	12 0710	0725	0737	N10	E55	4468	04	16.4	27	SF			C	0715	20	.3	EK
	URUM	12 0724E	0724U	0730D	N10	E55	4468	04	16.4	6D	SN			P	0724	79	1.5	
0148	PEKG	12 0809E	0812	0814D	N09	E53	4468	04	16.3	5D	1N			P	0812	210	3.8	E
0149	HTPR	12 0935	0941	0955	N11	E52	4468	04	16.3	20	SF			C	0941	40	.6	E
0150	HTPR	12 1017	1023	1033	N10	E52	4468	04	16.3	16	SF			C	1023	20	.3	
0151	HTPR	12 1125	1136	1153	N11	E51	4468	04	16.3	28	SN			C	1136	50	.8	E
0152		12 12523	1258	1306	N10	E50	4468	04	16.3	14	SN					50	.3	
	RAMY	12 1252	1258	1310	N09	E50	4468	04	16.3	18	SN		3	C		80		
	HTPR	12 1255	1258	1303	N11	E51	4468	04	16.4	8	SF			C	1258	20	.3	
0153	RAMY	12 1349	1350	1405	N10	E51	4468	04	16.4	16	SN		3	C		38		
0154		12 14132	1415*	1501	N10	E50	4468	04	16.3	48	SN					58	.1	K
	HTPR	12 1413	1415	1426	N11	E50	4468	04	16.3	13	SN			C	1415	10	.1	
	RAMY	12 1415	1416	1518	N09	E50	4468	04	16.3	63	SN		3	C		26		K
	RAMY	12 1415	1448	1518	N09	E50	4468	04	16.3	63	SF		3	C		138		K
0155		12 16203	1623*	1650	N09	E48	4468	04	16.3	30	SN	C 1.0				32	.5	EFK
	RAMY	12 1620	1633	1653	N09	E48	4468	04	16.3	33	SN	C 1.0	3	C		44		
	HOLL	12 1622	1623	1646	N08	E49	4468	04	16.3	24	SN		3	C		24		K
	HOLL	12 1622	1633	1646	N08	E49	4468	04	16.3	24	SN	C 1.0	3	C		29		FK
	HTPR	12 1623	1628	1655	N11	E48	4468	04	16.3	32	SN			C	1628	30	.5	E
0156		12 17009	17131	1720D	N09	E46	4468	04	16.2	20D	1B	C 7.9				153	2.2	E
	HTPR	12 1700		1720D	N11	E46	4468	04	16.2	20D	1B			C	1715	150	2.2	E
	HOLL	12 1706	1713U	1713D	N07	E47	4468	04	16.2	7D	1B	C 7.9	3	C		160		
	RAMY	12 1708	1713	1713D	N09	E47	4468	04	16.2	5D	1B	C 7.9	3	C		174		
	PALE	12 1709	1714	1714D	N09	E45	4468	04	16.1	5D	SB	C 7.9	3	C		127		
0157	HOLL	12 2001	2010	2032D	N08	E47	4468	04	16.3	31D	SB		3	C		50		
0158		12 2132	21323	2143	N08	E44	4468	04	16.2	11	SN	C 1.8				94	2.4	K
	HOLL	12 2132	2132	2142	N07	E45	4468	04	16.3	10	SB	C 1.8	3	C		71		
	PALE	12 2132	2133	2143	N09	E43	4468	04	16.1	11	SN	C 1.8	3	C		49		
	VORO	12 2132	2135	2143	N08	E44	4468	04	16.2	11	1F			C	2135	161	2.4	K
0159		13 0023*	00322	0039	N08	E44	4468	04	16.3	16	1N	C 2.2				153	2.3	I
	LEAR	13 0023	0033	0044	N11	E46	4468	04	16.5	21	1N	C 2.2	3	C		198		
	HOLL	13 0032	0032	0038	N07	E42	4468	04	16.2	6	SN	C 2.2	3	C		102		
	VORO	13 0032	0033	0038	N08	E44	4468	04	16.3	6	1F			C		188	2.8	I
	PURP	13 0034	0034	0037	N07	E44	4468	04	16.3	3	SB	C 2.2		C	0034	124	1.8	
0160	LEAR	13 0145	0208	0213	N09	E43	4468	04	16.3	28	SN		3	C		17		
0161	CULG	13 0429E	0431U	0444	N00	E38		04	16.0	15D	SF			P	0431	60	.7	GH
0162	LEAR	13 0512	0515	0523D	N10	E43	4468	04	16.4	11D	SN		3	C		34		
0163	ABST	13 0646	0649	0654	N07	E38	4468	04	16.1	8	1F			C	0649	175	2.4	E
0164	HTPR	13 0825	0826	0831	N14	E46	4468	04	16.8	6	SN			C	0826	30	.4	E
		13 1052		1104	No Flare Patrol													
0165	HTPR	13 1551		1630D	N12	E42	4468	04	16.8	39D	SF			C	1620	30	.4	E

H - ALPHA SOLAR FLARES

101
Apr 84

APRIL 1984

Grp #	Sta	Day	Start (UT)	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)			
			13 2007		2036			No Flare Patrol													
			13 2052		2105			No Flare Patrol													
0166			13 2153	2220*	2307	N07	E37	4468	04	16.7	74	SN					86		FK		
	HOLL		13 2153	2220	2307	N07	E37	4468	04	16.7	74	SN	3	C			95		K		
	HOLL		13 2153	2251	2307	N07	E37	4468	04	16.7	74	SN	3	C			77		FK		
0167			14 0047	00476	0103	N09	E37	4468	04	16.8	16	SN					55	.9	F		
	YUNN		14 0045E	0047	0101D	N10	E39	4468	04	17.0	16D	SN		P			63	.9			
	LEAR		14 0047	0053	0103	N08	E35	4468	04	16.6	16	SF	3	C			47		F		
0168			14 0720	07229	0738	N08	E29	4468	04	16.5	18	SN					20	.2	E		
	HTPR		14 0720	0722	0738	N08	E29	4468	04	16.5	18	SF		C	0722		20	.2	E		
	KANZ		14 0720	0731	0738	N09	E29	4468	04	16.5	18	SN	2						E		
0169			14 1040*	1043*	1118	N12	E28	4468	04	16.5	38	SF					43	.7	DEFGHI		
	KHAR		14 1040E	1043	1048D	N16	E29	4468	04	16.6	8D	SF		V	1043				DH		
	HTPR		14 1040	1103	1119	N09	E28	4468	04	16.5	39	SN		C	1103		60	.7	EI		
	KHAR		14 1046E	1046	1048D	N16	E31	4468	04	16.8	2D	SF		V	1046				D		
	RAMY		14 1101	1104	1121	N07	E30	4468	04	16.7	20	SF	3	C			26		F		
	KANZ		14 1102	1105	1113	N13	E24	4468	04	16.3	11	SF	2						G		
0170	HTPR		14 1254	1302	1340	N02	W38		04	11.7	46	SF		C	1302		20	.2	EG		
0171			14 1254*	1255*	1311	S15	E85	4469	04	21.0	17	SN	C 2.9				17		G		
	HTPR		14 1254	1257	1305	S15	E85	4469	04	21.0	11	SN		C	1257		20				
	KANZ		14 1255	1255	1259	S17	E84	4469	04	20.9	4	SF	2						G		
	RAMY		14 1255	1256	1300	S17	E88	4469	04	21.2	5	SF	3	C			22				
	HTPR		14 1304	1309	1320	S14	E86	4469	04	21.0	16	SN		C	1309		10				
	RAMY		14 1307	1308	1322	S14	E84	4469	04	20.9	15	SN	C 2.9	3	C		15				
	KANZ		14 1310	1310	1319	S14	E82	4469	04	20.7	9	SN	2						G		
0172	RAMY		14 1256	1256	1300	N08	E28	4468	04	16.6	4	SN	3	C			26		F		
0173			14 1430*	1437*	1456	N11	E26	4468	04	16.6	26	SN					35	.4	EF		
	HTPR		14 1430	1437	1508	N12	E26	4468	04	16.6	38	SN		C	1437		40	.4	E		
	KANZ		14 1434	1438	1446	N14	E26	4468	04	16.6	12	SN	2								
	RAMY		14 1437	1438	1442	N12	E27	4468	04	16.6	5	SN	3	C			30		F		
	HOLL		14 1437	1455U	1506	N09	E28	4468	04	16.7	29	SF	3	C			38		F		
	KANZ		14 1438	1438	1442	N10	E26	4468	04	16.6	4	SN	2								
	KANZ		14 1454	1454	1506	N10	E26	4468	04	16.6	12	SN	2								
	RAMY		14 1454	1455	1501	N09	E27	4468	04	16.6	7	SN	3	C			31				
0174	HOLL		14 1659	1701	1705	N07	E24	4468	04	16.5	6	SF	3	C			24		F		
0175	HOLL		14 2114	2118	2132	S18	E76	4469	04	20.7	18	SF	3	C			16		F		
0176	HOLL		15 0013	0040	0054	S17	E76	4469	04	20.8	41	SF	3	C			18				
0177	LEAR		15 0142	0145	0150	S18	E77	4469	04	20.9	8	SN	3	C			8				
0178			15 04281	0430	0438	S16	E76	4469	04	20.9	10	1N	C 2.2				57		D		
	ABST		15 0428	0430	0438	S15	E75	4469	04	20.9	10	1N		C	0430		87		D		
	LEAR		15 0429	0430	0437	S18	E76	4469	04	21.0	8	SN	C 2.2	3	C		27				
0179			15 0537	05382	0542	N08	E12	4468	04	16.1	5	SN					58	.6	D		
	ABST		15 0534E	0540	0546D	N07	E12	4468	04	16.1	12D	SN		C	0540		87	.9	D		
	CULG		15 0537	0538	0542	N08	E11	4468	04	16.0	5	SN		C	0538		30	.3			
0180			15 0637	0644	0715	N12	E20	4468	04	16.8	38	SF					110	.9	F		
	LEAR		15 0637	0644	0714	N12	E20	4468	04	16.8	37	SF	3	C			132		F		
	MANI		15 0642E	0644	0716	N12	E20	4468	04	16.8	34D	SF	1	V			87	.9	F		
0181	KANZ		15 0731	0731	0738	S17	E67	4469	04	20.4	7	SF	2								
0182	RAMY		15 1218	1220	1232	S17	E68	4469	04	20.7	14	SF	3	C			40				
0183			15 13064	13082	1332	S16	E66	4469	04	20.5	26	SN	C 4.5				40		EF		
	WEND		15 1306	1308	1322	S17	E69	4469	04	20.8	16	SN	C 4.5	C	1308		38		E		
	RAMY		15 1307	1308	1337	S17	E68	4469	04	20.7	30	SN	C 4.5	3	C		43		F		
	KANZ		15 1310	1310	1338	S14	E61	4469	04	20.1	28	SF	2								

H - ALPHA SOLAR FLARES

APRIL 1984

Grp #	Sta	Start Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	(10 ⁻⁶ Disk)	Apparent Corr (Sq Deg)	
0184	HOLL	15	1555	1558	1616	S19	E65	4469	04	20.6	21	SF		3	C		20		
0185	HOLL	15	1716	1718	1730	S18	E67	4469	04	20.8	14	SF		3	C		12		
0186		15	1958*	20232	2028	S18	E61	4469	04	20.5	30	SF					43		
	PALE	15	1958	2023	2027	S17	E60	4469	04	20.4	29	SF		3	C		46		
	RAMY	15	2023	2025	2028	S17	E61	4469	04	20.5	5	SF		3	C		56		
	HOLL	15	2023	2025	2029	S19	E61	4469	04	20.5	6	SF		3	C		26		
0187	LEAR	16	0456	0459	0526	S18	E58	4469	04	20.6	30	SN		3	C		44		F
0188	HOLL	16	1614	1614	1617	S18	E52	4469	04	20.6	3	SF		3	C		22		
0189	HOLL	16	1630E	1647	1656	S15	E55	4469	04	20.8	26D	SF		3	C		35		
		16	1633		1638	No Flare Patrol													
0190		16	23021	2303	2312	S20	E54	4469	04	21.1	10	SN	C 1.3				28		
	MANI	16	2302	2303	2314	S19	E54	4469	04	21.1	12	SF		1	V		25	.4	F
	HOLL	16	2303	2303	2311	S20	E55	4469	04	21.2	8	SN	C 1.3	3	C		32	.4	F
0191		17	01451	01481	0152	S16	E48	4469	04	20.7	7	1N					109	2.3	
	PALE	17	0145	0149	0153	S17	E52	4469	04	21.0	8	SF		3	C		61		
	YUNN	17	0146	0148	0150	S16	E45	4469	04	20.5	4	1N			C		157	2.3	
0192	YUNN	17	0156	0159	0206	N04	W11	4471	04	16.2	10	SN			P		31	.3	D
0193		17	0220	02212	0236	S17	E50	4469	04	20.9	16	1N					146	3.8	F
	LEAR	17	0220	0221	0223D	S17	E48	4469	04	20.7	3D	SN		2	C		57		
	YUNN	17	0220E	0223	0236	S17	E51	4469	04	21.0	16D	1N			P		236	3.8	F
0194		17	0448	04497	0457	N08	W11	4468	04	16.4	9	SN					52		K
	LEAR	17	0448	0449	0457	N08	W11	4468	04	16.4	9	SF		3	C		49		K
	LEAR	17	0448	0456	0457	N08	W11	4468	04	16.4	9	SN		3	C		54		K
0195	LEAR	17	0507	0509	0513	S18	E50	4469	04	21.0	6	SB		3	C		41		
0196	LEAR	17	0528	0528	0531	S18	E49	4469	04	20.9	3	SN		3	C		19		
0197	LEAR	17	0545	0546	0555	S17	E45	4469	04	20.6	10	SN		3	C		33		
0198		17	0929	09313	0948	S18	E48	4469	04	21.0	19	SB	C 8.5				96	.9	EF
	HTPR	17	0929	0931	0948	S18	E48	4469	04	21.0	19	SB			C	0931	60	.9	E
	LEAR	17	0929	0934	0943D	S18	E47	4469	04	21.0	14D	SB	C 8.5	3	C		133		F
0199		17	1123*	1128*	1223	S17	E46	4469	04	21.0	60	SN	C 2.0				53	.4	EF
	HTPR	17	1123	1128	1146	S18	E42	4469	04	20.7	23	SN			C	1128	30	.4	E
	RAMY	17	1123	1128	1238	S17	E43	4469	04	20.7	75	SN	C 2.0	3	C		108		F
	HTPR	17	1233	1236	1245	S15	E53	4469	04	21.5	12	SF			C	1236	20	.3	
0200		17	1422*	1423*	1458	S18	E43	4469	04	20.9	36	SB	M 1.0				105	.8	BEFK
	HTPR	17	1422	1423	1436	S20	E41	4469	04	20.7	14	SN			C	1423	20	.3	E
	RAMY	17	1423	1424	1511	S17	E42	4469	04	20.8	48	SN		3	C		43		K
	RAMY	17	1423	1453	1511	S17	E42	4469	04	20.8	48	1B	M 1.0	3	C		246		FEK
	HOLL	17	1424	1426	1432	S15	E42	4469	04	20.8	8	SN		3	C		19		F
	HTPR	17	1440		1450D	S19	E45	4469	04	21.0	10D	SB			C	1449	80	1.1	E
	HOLL	17	1443E	1448	1507	S20	E46	4469	04	21.1	24D	1B		3	C		193		FE
	HOLL	17	1444	1446U	1446D	S15	E41	4469	04	20.7	2D	1B	M 1.0	3	C		177		
	HTPR	17	1454E		1513	S19	E45	4469	04	21.0	19D	SB			C	1454	60	.9	BE
0201	HOLL	17	1624	1629	1731	N04	W19	4471	04	16.3	67	1F	C 2.0	3	C		208		F
0202	HOLL	17	1922	1924	1933	S20	E44	4469	04	21.2	11	SN	C 1.2	3	C		155		F
		17	2024		2122	No Flare Patrol													
0203	CULG	17	2147	2147	2151	S16	E35	4469	04	20.6	4	SF			C	2147	40	.4	

H - ALPHA SOLAR FLARES

103
Apr 84

APRIL 1984

Grp #	Sta	Day	Start (UT)	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)		
0204	PALE	18	0205	0207	0210	S16	E37	4469	04	20.9	5	SF		3	C		29			
0205		18	0222	0225*	0229	S18	E38	4469	04	21.0	7	SB					30	.4		
	YUNN	18	0222	0225	0229	S19	E37	4469	04	20.9	7	SN			C		30	.4		
	YUNN	18	0234E	0238	0242D	S18	E38	4469	04	21.0	8D	SB			P		30	.4		
0206		18	0234E	02352	0242	N03	W34	4471	04	15.6	8D	1N					104	1.3		
	CULG	18	0234E	0235	0242	N03	W34	4471	04	15.6	8D	SF			P	0235	40	.5		
	YUNN	18	0234E	0237	0242D	N03	W34	4471	04	15.6	8D	1N			P		167	2.1		
0207	LEAR	18	0556	0556	0600	N04	W36	4471	04	15.5	4	SN			3	C		23		
0208	HPR	18	0709	0714	0721	N07	W28	4468	04	16.2	12	SF				C	0714	10	.1	
0209	HPR	18	0711	0715	0719	N04	W37	4471	04	15.5	8	SF				C	0715	20	.2	E
0210	ISTA	18	0752		0815	S11	W85		04	11.9	23	SN								D
0211	RAMY	18	1120	1147	1303	N03	W40	4471	04	15.5	103	SF			3	C		38		
0212		18	12151	12205	1307	S18	E33	4469	04	21.0	52	1B C	9.8				238	2.2	EFU	
	HPR	18	1215	1225	1305	S18	E34	4469	04	21.1	50	1B				C	1225	180	2.2	EU
	RAMY	18	1216	1220	1309	S18	E32	4469	04	20.9	53	1B C	9.8	3	C		295		FE	
0213	HPR	18	1216	1220	1224	S17	E21	4473	04	20.1	8	SN				C	1220	30	.3	
0214		18	1431	14321	1448	N12	W25	4468	04	16.7	17	SF					52	.6	E	
	RAMY	18	1431	1432	1452	N11	W24	4468	04	16.8	21	SF			3	C		55		
	HPR	18	1431	1433	1443	N12	W26	4468	04	16.6	12	SF				C	1433	50	.6	E
0215		18	15492	15523	1610	N04	W30	4471	04	16.4	21	SN C	1.4				104	1.0	EF	
	HPR	18	1549	1552	1608	N04	W30	4471	04	16.4	19	SN				C	1552	90	1.0	E
	RAMY	18	1551	1555	1612	N04	W31	4471	04	16.3	21	SN C	1.4	3	C		119		F	
0216	HPR	18	1636	1638	1642	N12	W27	4468	04	16.6	6	SF				C	1638	30	.3	E
		18	1751		1753	No Flare Patrol														
		18	1823		1910	No Flare Patrol														
		18	2017		2036	No Flare Patrol														
		18	2128		2136	No Flare Patrol														
0217	LEAR	18	2359	2401	2408	N14	W31	4468	04	16.6	9	SF			3	C		24		F
0218	LEAR	19	0117	0119	0121	N07	W36	4468	04	16.3	4	SF				C		19		
0219	YUNN	19	0134	0138	0154	N19	E20		04	20.6	20	SF				C		15	.2	G
0220	LEAR	19	0144	0225	0258	N03	W48	4471	04	15.5	74	SN			3	C		29		
0221		19	01562	02003	0239	S17	E25	4469	04	21.0	43	1B C	5.3				417	4.2	EF	
	LEAR	19	0156	0202	0249	S19	E24	4469	04	20.9	53	2B C	5.3	3	C		502		F	
	MANI	19	0158	0200	0235	S16	E25	4469	04	21.0	37	1B		1	Y		472	4.9	F	
	PALE	19	0158	0201	0239	S18	E23	4469	04	20.8	41	2B C	5.3	3	C		531		FE	
	YUNN	19	0159E	0159U	0206D	S17	E25	4469	04	21.0	7D	2B			P	0159	532	6.2	F	
	PURP	19	0200E	0203	0226	S19	E26	4469	04	21.1	26D	1B			C	0203	317	3.7		
	CULG	19	0202E	0202U	0202D	S17	E24	4469	04	20.9	26D	SB			P	0202	170	1.8		
	PEKG	19	0217E	0217E	0245	S17	E26	4469	04	21.1	28D	1N			P	0217	399	4.7	F	
0222		19	0357	0359*	0407	N03	W50	4471	04	15.4	10	SN					59	1.4	D	
	LEAR	19	0357	0359	0407	N03	W50	4471	04	15.4	10	SN			3	C		31		
	ABST	19	0419E	0425	0437D	N03	W50	4471	04	15.4	18D	SF				P	0425	87	1.4	D
0223		19	0540*	0557*	0637	N03	W51	4471	04	15.4	57	SF					73	1.4	DT	
	LEAR	19	0540	0559	0637	N03	W51	4471	04	15.4	57	SN			3	C		39		
	ABST	19	0554E	0557	0614D	N03	W50	4471	04	15.5	20D	SF				P	0557	87	1.4	D
	HPR	19	0601E		0640	N04	W51	4471	04	15.4	39D	SF				C	0601	50	.8	T
	URUM	19	0615	0625	0635	N03	W52	4471	04	15.4	20	SF				C		63	1.1	
	PEKG	19	0622E	0622	0637	N03	W51	4471	04	15.4	15D	1N				P	0622	126	2.1	D

H - ALPHA SOLAR FLARES

APRIL 1984

Grp #	Sta	Day	Start (UT)	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)		
0224		19	0610*	06215	0644	S18	E23	4469	04	21.0	34	SN					123	1.6	EF	
	HTPR	19	0610	0621	0646	S18	E22	4469	04	20.9	36	SN			C	0621	70	.7	E	
	LEAR	19	0613	0624	0646	S18	E23	4469	04	21.0	33	SB	3		C		73		F	
	PURP	19	0621	0626	0641	S19	E24	4469	04	21.1	20	SN			C	0626	96	1.1		
	PEKG	19	0622E	0622	0645	S18	E24	4469	04	21.1	23D	1N			P	0622	252	2.9	E	
0225	LEAR	19	0840	0842	0900	N03	W52	4471	04	15.5	20	SF	3		C		25			
0226	URUM	19	1051	1056	1130	S15	E28	4469	04	21.6	39	SN			C		79	.9		
0227	RAMY	19	1243	1245	1259	N04	W44	4471	04	16.2	16	SF	3		C		34			
		19	1918		1951														No Flare Patrol	
		19	2023		2123														No Flare Patrol	
0228		20	01418	0151*	0223	S18	E12	4469	04	21.0	42	SN					176	2.9	EFHKU	
	YUNN	20	0141	0157	0211	S17	E12	4469	04	21.0	30	1N					380	4.1	F	
	LEAR	20	0149	0151	0239	S19	E12	4469	04	21.0	50	SB	3		C		132		FK	
	VORO	20	0149	0152	0203	S17	E13	4469	04	21.1	14	SF			C	0152	161	1.7	EUH	
	LEAR	20	0149	0231	0239	S19	E12	4469	04	21.0	50	SF	3		C		32		K	
0229		20	0603	06056	0630	S13	E12	4469	04	21.1	27	SN	C 2.8				153	1.9	EF	
	LEAR	20	0603	0605	0636	S14	E12	4469	04	21.1	33	SB	C 2.8	3		C	98		F	
	BUCA	20	0603	0611	0620	S12	E12	4469	04	21.1	17	SN	C 2.8			C	0611	150	1.6	E
	PEKG	20	0615E	0615E	0634	S14	E13	4469	04	21.2	19D	1N			P	0615	210	2.2	E	
0230		20	0608	0610*	0650	N04	W63	4471	04	15.5	42	SN					23		FK	
	LEAR	20	0608	0610	0650	N04	W63	4471	04	15.5	42	SF		3		C	23		K	
	LEAR	20	0608	0640	0650	N04	W63	4471	04	15.5	42	SN		3		C	23		FK	
0231	MITK	20	0719	0725	0735D	S10	E90	4474	04	27.1	16D	1N			C	0725	130		A	
0232		20	07393	07437	0758	N04	W66	4471	04	15.4	19	SN					18	.4	FT	
	HTPR	20	0739E		0757D	N04	W67	4471	04	15.3	18D	SF			C	0753	20	.4	T	
	KANZ	20	0739	0743	0759	N04	W64	4471	04	15.5	20	SN		2						
	LEAR	20	0742	0750	0757	N03	W67	4471	04	15.3	15	SN		3		C	15		F	
0233		20	08512	08581	0906	N04	W66	4471	04	15.4	15	SN	C 3.7				31			
	KANZ	20	0851	0858	0906	N05	W65	4471	04	15.5	15	SN		2						
	LEAR	20	0853	0859	0905	N04	W66	4471	04	15.4	12	SN	C 3.7	3		C	31			
0234	URUM	20	0936	0945	1008	N04	W70	4471	04	15.2	32	SN			C		39			
0235	RAMY	20	1046E		1228D	N03	W68	4471	04	15.4	102D	1F	C 8.2	3		C				
0236	KANZ	20	1103	1106	1122	S11	E84		04	26.8	19	SN		2					G	
0237		20	13114	13155	1338	S18	E04	4469	04	20.8	27	SN					60	.6	E	
	HTPR	20	1311	1320	1330	S18	E05	4469	04	20.9	19	SF			C	1320	60	.6	E	
	KANZ	20	1315	1315	1346	S17	E03	4469	04	20.8	31	SN		2						
0238		20	1313	1315*	1350	N04	W70	4471	04	15.3	37	SF					50	1.2	EK	
	HTPR	20	1313	1315	1350	N04	W70	4471	04	15.3	37	SF			C	1315	50	1.2	EK	
	HTPR	20	1313	1337	1350	N04	W70	4471	04	15.3	37	SF			C	1315	50	1.2	EK	
0239	HTPR	20	1400	1405	1428	S17	E04	4469	04	20.9	28	SN			C	1405	30	.3	E	
0240	HTPR	20	1418	1422	1435	N04	W70	4471	04	15.4	17	SN			C	1422	20	.4		
0241		20	16357	1653	1715	S14	E88	4474	04	27.3	40	SN	M 1.8				14			
	RAMY	20	1635	1653	1715	S14	E90	4474	04	27.5	40	SF	M 1.8	3		C	14			
	KANZ	20	1642	1646U	1650D	S15	E85	4474	04	27.1	8D	SN		2						
0242	RAMY	20	1804	1806	1820	S19	W03	4469	04	20.5	16	SF		3		C	43			
		20	1851		1900														No Flare Patrol	
0243		20	1904	1907*	2053	N15	W55	4468	04	16.6	109	SN					115		K	
	RAMY	20	1904	1907	2053	N15	W55	4468	04	16.6	109	SF		3		C	89		K	
	RAMY	20	1904	1940	2053	N15	W55	4468	04	16.6	109	SN		3		C	141		K	

H - ALPHA SOLAR FLARES

105
Apr 84

APRIL 1984

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks		
																Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)			
			20 1911		1942			No Flare Patrol												
0244	RAMY	20	1940	1943	2100D	N03	W73	4471	04	15.4	80D	1B	M	5.7	3	C		170		
			20 1946		2147			No Flare Patrol												
			20 2200		2237			No Flare Patrol												
0245		20	2333	2309*	2419	N04	W73	4471	04	15.5	46	1B	M	1.6		C		119	3.0	FK
	HOLL	20	2304E	2309	2428	N05	W73	4471	04	15.5	84D	1F			2	C		93		K
	HOLL	20	2304E	2334	2428	N05	W73	4471	04	15.5	84D	1B	M	1.6	2	C		190		FK
	LEAR	20	2333E		2418	N03	W74	4471	04	15.4	45D	1B	M	1.6	3	C		99		FK
	MANI	20	2333	2334	2403	N05	W73	4471	04	15.5	30	1B			1	V		95	3.0	
0246	HOLL	21	0101	0106	0120	N05	W74	4471	04	15.5	19	SF			2	C		34		
0247		21	0151*	0157*	0246	S08	E88	4474	04	27.7	55	1N	M	1.2		C		109		ADFKY
	CULG	21	0151	0204	0256	S05	E82	4474	04	27.2	65	1N				C	0204	160		F
	LEAR	21	0157	0157	0158D	S11	E90	4474	04	27.8		1D	1F		3	C		46		
	MANI	21	0158	0203	0232	S10	E88	4474	04	27.7	34	SN			1	V				
	KODA	21	0158E	0205	0333D	S08	E90	4474	04	27.8	95D	1B				P	0205			A
	PEKG	21	0204	0207U	0243	S09	E90	4474	04	27.8	39	SN	M	1.2		P	0207	63		DY
	YUNN	21	0204E	0207U	0251	S06	E89	4474	04	27.7	47D		M	1.2		P	0207			A
	PEKG	21	0231E	0231	0231D	S05	E90	4474	04	27.8	47D	1N				P	0231	168		DKY
	YUNN	21	0243	0255	0322D	S07	E89	4474	04	27.8	39D					P				A
0248		21	0212	02075	0216	N04	W76	4471	04	15.4	4	SN				C		70		EF
	PEKG	21	0206E	0207	0215	N04	W78	4471	04	15.2	9D	SN				P	0207	126		E
	LEAR	21	0212	0212	0217	N05	W73	4471	04	15.6	5	SN			3	C		13		F
0249		21	02358	0245*	0316	N04	W77	4471	04	15.3	41	1B	M	1.5		C		192		ACEK
	PEKG	21	0235	0245	0320	N04	W79	4471	04	15.2	45	2N				C	0245	320		E
	LEAR	21	0235	0245	0326	N04	W75	4471	04	15.5	51	SB			3	C		81		K
	LEAR	21	0235	0255	0326	N04	W75	4471	04	15.5	51	1B	M	1.5	3	C		112		K
	CULG	21	0243	0246	0304	N02	W75	4471	04	15.5	21	1F				C	0246	70		
	YUNN	21	0255E	0255	0305	N04	W80	4471	04	15.1	10D	3B	M	1.5		P		380		A
	KODA	21	0300E	0300	0422D	N05	W78	4471	04	15.3	82D	SB				P	0300			CE
0250	LEAR	21	0523	0525	0530	N11	W64	4468	04	16.4	7	SF			3	C		27		
0251		21	0712	07143	0725	N05	W81	4471	04	15.2	13	SN				C		51		D
	LEAR	21	0712	0714	0722	N03	W81	4471	04	15.2	10	SN			3	C		30		
	BUCA	21	0712	0714	0725	N06	W83	4471	04	15.1	13	SN				C	0714	43		D
	URUM	21	0712	0717	0727	N05	W78	4471	04	15.5	15	1B				C		79		
0252		21	07273	07284	0745	S14	E84	4474	04	27.6	18	1B	M	1.2		C		121		A
	BUCA	21	0727	0728	0737	S13	E80	4474	04	27.3	10	1B	M	1.2		C	0728	107		
	URUM	21	0728	0732	0801	S14	E89	4474	04	28.0	33	1N				C		157		A
	LEAR	21	0730	0730	0738	S14	E83	4474	04	27.6	8	1B	M	1.2	3	C		99		
0253	LEAR	21	0820	0825	0828	N03	W80	4471	04	15.4	8	SN			3	C		23		
		21	0934		1056			No Flare Patrol												
		21	1136		1245			No Flare Patrol												
0254	HOLL	21	1255	1258	1316	N04	W82	4471	04	15.4	21	SN			2	C		27		
0255	RAMY	21	1319	1322	1330	N04	W79	4471	04	15.6	11	SF			4	C		16		
0256		21	14203	1323*	1507	S09	E78	4474	04	27.4	47	1N	M	1.4		C		131		EFKZ
	RAMY	21	1318E	1323	1414	S10	E82	4474	04	27.7	56D	SF			4	C		68		
	KANZ	21	1411E		1411	S09	E76	4474	04	27.3	56D	SF			1					
	RAMY	21	1420	1432	1530	S09	E76	4474	04	27.3	70	SF			4	C		28		K
	RAMY	21	1420	1458	1530	S09	E76	4474	04	27.3	70	2B	M	1.4	4	C		262		FEK
	HOLL	21	1421	1431	1529	S10	E79	4474	04	27.5	68	SF			3	C		28		K
	HOLL	21	1421	1457	1529	S10	E79	4474	04	27.5	68	2B	M	1.4	3	C		269		ZFK
	KANZ	21	1423	1458	1528	S08	E79	4474	04	27.5	65	1B			1					
0257	HOLL	21	1504	1504	1529	N05	W81	4471	04	15.6	25	SF			3	C		12		

H - ALPHA SOLAR FLARES

APRIL 1984

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks	
															Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0258		21	1537	1553	1606	S09	E77	4474	04	27.4	29	SB	C	6.5			33		
	RAMY	21	1537	1553	1607	S09	E82	4474	04	27.8	30	SN	C	6.5	3	C	33		
	KANZ	21	1543E	1553	1606	S09	E72	4474	04	27.0	23D	SB			1				
0259	RAMY	21	1606	1615	1631	N04	W82	4471	04	15.5	25	SF			3	C	16		
0260		21	16162	16191	1624	S10	E82	4474	04	27.8	8	SF					18		
	RAMY	21	1616	1620	1625	S10	E82	4474	04	27.8	9	SF			3	C	20		
	HOLL	21	1618	1619	1623	S11	E82	4474	04	27.8	5	SF			3	C	15		
0261		21	16546	1706*	1722	S11	E81	4474	04	27.8	28	SN	C	6.6			44	FK	
	RAMY	21	1654	1720	1723	S11	E82	4474	04	27.9	29	SN	C	6.6	3	C	54		
	HOLL	21	1700	1706	1722	S11	E81	4474	04	27.8	22	SF			3	C	23	K	
	HOLL	21	1700	1720	1722	S11	E81	4474	04	27.8	22	SN	C	6.6	3	C	54	FK	
0262	HOLL	21	1731	1735	1742	N05	W82	4471	04	15.6	11	SF			3	C	18		
0263		21	18051	1806*	1823	N04	W81	4471	04	15.7	18	SF					19	K	
	RAMY	21	1805	1811	1825	N03	W80	4471	04	15.8	20	SF			3	C	30	K	
	RAMY	21	1805	1824	1825	N03	W80	4471	04	15.8	20	SF			3	C	13	K	
	HOLL	21	1806	1806	1819	N05	W83	4471	04	15.5	13	SF			3	C	14	K	
0264	RAMY	21	1807	1808	1817	S10	E81	4474	04	27.8	10	SF			3	C	16		
0265	HOLL	21	1845	1846	1852	N06	W82	4471	04	15.6	7	SF			3	C	22		
0266	HOLL	21	1929	1935	1939	N06	W83	4471	04	15.6	10	SF			3	C	19		
0267		21	1945	1946	1948	S10	E84	4474	04	28.1	3	SN					10		
	HOLL	21	1945	1946	1949	S10	E81	4474	04	27.9	4	SF			3	C	10		
	RAMY	21	1946E		1948	S11	E87	4474	04	28.4	2D	SN			3	C	10		
0268	RAMY	21	1958	2110	2119	N04	W83	4471	04	15.6	81	SF			3	C	12		
0269		21	2002	20032	2012	S11	E79	4474	04	27.8	10	SF					16	F	
	RAMY	21	2002E	2003	2012	S11	E77	4474	04	27.6	10D	SF			3	C	13		
	HOLL	21	2002	2005	2012	S11	E81	4474	04	27.9	10	SF			3	C	20	F	
0270		21	23221	23232	2328	S12	E78	4474	04	27.8	6	SF					18	1.0	
	HOLL	21	2322	2323	2329	S11	E78	4474	04	27.8	7	SF			3	C	11		
	MANI	21	2323	2325	2328	S12	E77	4474	04	27.8	5	SF			1	V	24	1.0	
0271		22	0013	00151	0019	N04	W86	4471	04	15.6	6	1B					18	2.6	
	MANI	22	0013	0015	0027D	N05	W87	4471	04	15.5	14D	1N			1	V	15	2.6	
	LEAR	22	0013	0016	0019	N03	W84	4471	04	15.7	6	SB			3	C	22		
0272		22	00283	00312	0038	S10	E78	4474	04	27.9	10	SF					43		
	LEAR	22	0028	0033	0038	S11	E74	4474	04	27.6	10	SF			3	C	52		
	HOLL	22	0031	0031	0038	S10	E81	4474	04	28.1	7	SF			3	C	34		
0273	LEAR	22	0106	0119	0132	S10	E75	4474	04	27.7	26	SN			3	C	30	F	
0274	LEAR	22	0208	0210	0222	S10	E79	4474	04	28.0	14	SF			3	C	20	F	
0275		22	02427	02495	0314	S10	E26	4472	04	24.1	32	1N					220	2.8	EFKU
	URUM	22	0242	0251	0316	S08	E25	4472	04	24.0	34	SN				C	94	1.1	
	PURP	22	0244E	0247U	0247D	S11	E26	4472	04	24.1	3D	SN				P	117	1.3	
	YUNN	22	0247	0249	0307	S10	E27	4472	04	24.1	20	1B				C	380	4.4	F
	LEAR	22	0247	0249	0320	S10	E26	4472	04	24.1	33	SN			3	C	154		K
	LEAR	22	0247	0254	0320	S10	E26	4472	04	24.1	33	1N			3	C	199		FK
	PEKG	22	0249	0251	0306	S10	E27	4472	04	24.1	17	1N				C	378	4.4	EU
																		0251	
0276	LEAR	22	0355	0356	0359	S10	E84	4474	04	28.5	4	SF	C	4.4	3	C	13		
0277		22	04205	04292	0458	N13	W76	4468	04	16.4	38	2B	C	5.6			329		F
	PEKG	22	0420	0429	0456	N14	W79	4468	04	16.2	36	3N	C	5.6		C	0429	449	F
	CULG	22	0424	0430	0447D	N12	W73	4468	04	16.7	23D	2B				P	0430	250	
	LEAR	22	0425	0431	0459	N14	W75	4468	04	16.5	34	2B	C	5.6	3	C	288		F

H - ALPHA SOLAR FLARES

107
Apr 84

APRIL 1984

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks	
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0278	LEAR	22	0502	0507	0514	S10	E72	4474	04	27.6	12	SF		3	C		30			
0279	LEAR	22	0518	0525	0535	N10	W76	4468	04	16.5	17	SF		2	C		20			
0280	LEAR	22	0551	0559	0611	S11	E74	4474	04	27.8	20	SF		3	C		24			
0281		22	06476	06544	0710	S09	E22	4472	04	23.9	23	SN	C 3.9				108	1.3	EF	
	PURP	22	0647	0656	0713	S11	E22	4472	04	23.9	26	SN	C 3.9		C	0656	124	1.4		
	LEAR	22	0652	0654	0712	S10	E23	4472	04	24.0	20	SN	C 3.9	3	C		87		F	
	CULG	22	0652	0655	0702	S08	E22	4472	04	23.9	10	SF			C	0655	70	.8		
	URUM	22	0652	0657	0702D	S09	E21	4472	04	23.9	10D	SB			P		94	1.0		
PEKG	22	0653	0658	0714	S09	E23	4472	04	24.0	21	SN	C 3.9		P	0658	168	1.9	E		
0282		22	0704	07128	0726	S12	E83	4474	04	28.5	22	SN					24		FK	
	LEAR	22	0704	0712	0726	S12	E83	4474	04	28.5	22	SF		3	C		23		K	
	LEAR	22	0704	0720	0726	S12	E83	4474	04	28.5	22	SN		3	C		26		FK	
0283		22	0727*	07385	0807	S10	E76	4474	04	28.0	40	SN					83		E	
	LEAR	22	0727	0738	0814	S11	E75	4474	04	27.9	47	SN		3	C		48			
	PEKG	22	0738	0743	0800	S10	E78	4474	04	28.2	22	SN			C	0743	118		E	
0284	LEAR	22	0836	0839	0847	S11	E83	4474	04	28.6	11	SN		3	C		18			
0285	LEAR	22	0852	0855	0901	S14	W23	4469	04	20.6	9	SF		3	C		29			
0286	LEAR	22	0919	0921	0923D	S11	E69	4474	04	27.6	4D	SF		3	C		15			
		22	0924		1042	No Flare Patrol														
0287	RAMY	22	1041	1052	1055	S11	E82	4474	04	28.6	14	SF		3	C		15			
		22	1102		1103	No Flare Patrol														
0288		22	11302	1132	1145	S10	E69	4474	04	27.7	15	SB	C 4.4				44		F	
	RAMY	22	1130	1132	1145	S10	E72	4474	04	27.9	15	SN	C 4.4	4	C		44		F	
	KANZ	22	1132	1132	1136D	S09	E66	4474	04	27.4	4D	SB		1						
0289		22	12291	12303	1238	S08	E78	4474	04	28.4	9	1N					87		D	
	ABST	22	1229	1233	1235D	S08	E86	4474	04	29.0	6D	1N			P	1233	87		D	
	KANZ	22	1230	1230	1238	S09	E70	4474	04	27.8	8	SF		2						
0290		22	1311*	1311*	1345	S10	E63	4474	04	27.3	34	SN	C 2.6				61		EF	
	KANZ	22	1311	1311	1321	S13	E60	4474	04	27.1	10	SF				2				
	KANZ	22	1325	1329U	1329D	S07	E62	4474	04	27.2	4D	SF				2				
	RAMY	22	1325	1332	1338	S11	E70	4474	04	27.8	13	SF	C 2.6	4	C		15			
	HOLL	22	1341	1344	1355	S11	E65	4474	04	27.5	14	SB	C 3.5	2	C		75		F	
	RAMY	22	1341	1344	1356	S09	E63	4474	04	27.3	15	SB	C 3.5	4	C		93		FE	
	KANZ	22	1344	1344	1356	S08	E60	4474	04	27.1	12	SB		2						
0291		22	14001	1402	1417	N06	W89	4471	04	15.9	17	SN	C 4.6				30			
	RAMY	22	1400	1402	1417	N05	W89	4471	04	15.9	17	SN	C 4.6	4	C		19			
	HOLL	22	1401	1402	1417	N07	W89	4471	04	15.9	16	SN	C 4.6	3	C		40			
0292	KANZ	22	1404	1404	1415	N06	W79	4468	04	16.7	11	SN				2				
0293		22	1748	17481	1757	S15	E62	4474	04	27.4	9	SN					31		Z	
	HOLL	22	1748	1748	1753	S15	E62	4474	04	27.4	5	SN		3	C		28			
	RAMY	22	1748	1749	1801	S15	E63	4474	04	27.5	13	SN		3	C		34		Z	
		22	1852		1914	No Flare Patrol														
		22	1935		1947	No Flare Patrol														
	22	1951		1955	No Flare Patrol															
	22	2005		2032	No Flare Patrol															
0294		22	2214*	2214*	2303	S10	E72	4474	04	28.3	49	1N	M 3.4				207	4.6	EFKV	
	CULG	22	2214	2214	2239	S08	E64	4474	04	27.7	25	1N			P	2214	110	2.2	V	
	HOLL	22	2214	2216	2325D	S12	E77	4474	04	28.7	71D	2B	M 3.4	3	C		309		FEK	
	HOLL	22	2214	2255	2325D	S12	E77	4474	04	28.7	71D	1B		3	C		216		K	
	MITK	22	2215E		2310	S09	E63	4474	04	27.6	55D	2N			C	2222	290	6.9	F	
	MITK	22	2250	2256	2321	S10	E78	4474	04	28.8	31	1N			C	2256	110		E	

H - ALPHA SOLAR FLARES

APRIL 1984

Grp #	Sta	Start (UT)	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)		
0295	23	0034*	0127*	0230	S11	E66	4474	04	28.0	116	1N	M	3.2			185	3.6	FHKT	
	HOLL	23 0034	0055U	0125D	S14	E74	4474	04	28.6	51D	SN			3	C	78		F	
	LEAR	23 0116	0127	0311	S11	E64	4474	04	27.9	115	1B			3	C	163		K	
	LEAR	23 0116	0200	0311	S11	E64	4474	04	27.9	115	2B	M	3.2	3	C	342		K	
	YUNN	23 0123	0127	0141	S11	E68	4474	04	28.2	18	2N				P	346		T	
	MITK	23 0123	0127	0143	S09	E67	4474	04	28.1	20	1N				C	140	3.3		
	CULG	23 0124	0127	0132	S08	E64	4474	04	27.8	8	SN				C	80	1.7		
	MANI	23 0125E	0130	0130D	S13	E64	4474	04	27.9	5D	SN			1	V	98	2.1		
	MITK	23 0151	0153	0311	S10	E64	4474	04	27.9	80	1N				C	120	2.6		
	CULG	23 0151	0156	0234	S07	E63	4474	04	27.8	43	1N				P	180	3.8		
	YUNN	23 0153	0200	0240	S11	E65	4474	04	28.0	47	2B	M	3.2		C	393	9.3	FT	
	MANI	23 0201E	0208	0212	S13	E64	4474	04	27.9	11D	1N			1	V	108	2.3		
	PURP	23 0212E	0228	0310	S12	E70	4474	04	28.4	58D	1B				C	172		H	
0296	YUNN	23 0120	0122	0134	S09	E87		04	29.6	14	SN				C	24		DW	
0297	23	0136	0201*	0340D	S12	E89		04	29.8	124D								AK	
	YUNN	23 0136	0201		S13	E89		04	29.8						C			AK	
	YUNN	23 0242E	0242	0340D	S11	E89		04	29.8	58D					P			AK	
0298	PEKG	23 0327	0329	0342	S13	E73	4474	04	28.6	15	SF				C	0329	55	D	
0299	23	0507I	0515*	0623	S10	E62	4474	04	27.9	76	1B	M	1.8			178	3.2	FKS	
	LEAR	23 0507	0515	0629	S11	E62	4474	04	27.9	82	1B	M	1.8	3	C	193		FSK	
	LEAR	23 0507	0529	0629	S11	E62	4474	04	27.9	82	1B			3	C	214		K	
	MITK	23 0508	0516	0610	S10	E63	4474	04	27.9	62	1N				C	110	2.3		
	CATA	23 0530E	0530	0625	S09	E60	4474	04	27.7	55D	1			2	P	197	4.0		
0300	23	07046	07102	0736	S15	W35	4469	04	20.6	32	SN					88	1.1	FG	
	LEAR	23 0704	0712	0736	S16	W36	4469	04	20.6	32	SN			3	C	93		F	
	CATA	23 0705	0710	0735	S17	W36	4469	04	20.5	30	S			2	C	112	1.4		
	BUCA	23 0710	0711	0730	S14	W35	4469	04	20.6	20	SN				C	64	.8		
	WEND	23 0712E		0754	S17	W36	4469	04	20.6	42D	SN				C	81	1.1	G	
	KANZ	23 0716E		0727	S14	W35	4469	04	20.6	11D	SN			1					
0301	23	0922	0922I	0926	S13	E52	4474	04	27.3	4	SN					79	1.4	D	
	ABST	23 0919E	0923	0927D	S13	E55	4474	04	27.5	8D	SF				P	0923	79	1.4	D
	KANZ	23 0922	0922	0926	S13	E49	4474	04	27.1	4	SN			2				D	
0302	RAMY	23 1107	1136	1202	S07	E65	4474	04	28.3	55	SF			3	C	32			
0303	RAMY	23 1234	1235	1309	S07	E65	4474	04	28.4	35	SF	C	2.8	3	C	49		F	
0304	RAMY	23 1317	1324	1336	S11	E55	4474	04	27.7	19	SF			3	C	24			
0305	23	1337*	1340*	1419	S08	E51	4474	04	27.4	42	SN	C	3.3			102		FKS	
	RAMY	23 1337	1340	1424	S07	E51	4474	04	27.4	47	SN			3	C	43		K	
	RAMY	23 1337	1355	1424	S07	E51	4474	04	27.4	47	1N	C	3.3	3	C	234		SK	
	HOLL	23 1353	1359	1409	S09	E50	4474	04	27.3	16	SN	C	3.3	4	C	28		F	
0306	HOLL	23 1429	1432	1436	S09	E65	4474	04	28.5	7	SF			4	C	15			
0307	23	1603*	1607*	1612	S10	E61	4474	04	28.2	9	1N					77		FU	
	RAMY	23 1603	1608	1613	S07	E65	4474	04	28.5	10	SF			3	C	34			
	HOLL	23 1607	1607	1612	S12	E54	4474	04	27.7	5	SF			4	C	16		F	
	RAMY	23 1618		1634D	S10	E63	4474	04	28.4	16D	1B			3	C				
	HOLL	23 1621	1632	1635D	S10	E63	4474	04	28.4	14D	1B			3	C	181		UF	
0308	23	20069	20069	2018	S12	E54	4474	04	27.9	12	SN					18		F	
	HOLL	23 2006	2006	2010	S12	E54	4474	04	27.9	4	SN			3	C	17		F	
	HOLL	23 2015	2015	2025	S12	E54	4474	04	27.9	10	SF			3	C	18		F	
0309	HOLL	23 2029	2033	2041	S12	E56	4474	04	28.1	12	SN			3	C	26		F	
0310	HOLL	23 2136	2136	2143	S12	E54	4474	04	28.0	7	SF			3	C	16			
0311	23	2153*	2157*	2254	S10	E52	4474	04	27.8	61	1N	C	7.7			135	1.6	EKU	
	HOLL	23 2153	2159	2333	S11	E54	4474	04	28.0	100	SB			3	C	114		K	
	HOLL	23 2153	2218	2333	S11	E54	4474	04	28.0	100	1B	C	7.7	3	C	208		UEK	
	CULG	23 2154	2157	2205	S08	E51	4474	04	27.7	11	SN				C	70	1.1		
	CULG	23 2216	2219	2226	S09	E49	4474	04	27.6	10	1F				C	149	2.1		

H - ALPHA SOLAR FLARES

109
Apr 84

APRIL 1984

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)		
0312	HOLL	23	2345	2417	2425	S10	E59	4474	04	28.4	40	SN						34		F
0313	LEAR	24	0128	0135	0143	S13	E55	4474	04	28.2	15	SN						70		F
0314	LEAR	24	0132	0135	0142	S18	W41	4469	04	20.9	10	SF						30		
0315		24	0143	0145*	0209	S18	W41	4469	04	20.9	26	SF						54		K
	LEAR	24	0143	0145	0209	S18	W41	4469	04	20.9	26	SF			3	C		65		K
	LEAR	24	0143	0155	0209	S18	W41	4469	04	20.9	26	SF			3	C		44		K
0316	LEAR	24	0144	0153	0232	S13	E55	4474	04	28.2	48	SF						66		F
0317		24	0259*	0352*	0511	S08	E56	4474	04	28.3	132	2N	X 1.0					503	7.0	BEF1JU
	LEAR	24	0259	0420	0524	S10	E57	4474	04	28.4	145	2B	X 1.0	3	C			446		F
	MITK	24	0331	0406	0519	S08	E57	4474	04	28.4	108	1N				0406		220	4.1	IU
	CULG	24	0332	0352	0451	S07	E55	4474	04	28.3	79	1N				0352		210	3.5	JF
	KODA	24	0346E	0355	0444D	S10	E56	4474	04	28.4	58D	3N				0347		1342	15.0	BE
	URUM	24	0350E	0400U	0405D	S08	E57	4474	04	28.4	15D	2N						299	5.6	
0318	HTPR	24	0602	0604	0620	S16	E45	4474	04	27.7	18	SF					0604	20	.3	
0319		24	0740	07405	0753	S16	W45	4469	04	20.9	13	SB	C 3.5					73	1.3	EK
	LEAR	24	0740	0740	0754	S17	W46	4469	04	20.8	14	SB	C 3.5	3	C			66		K
	ATHN	24	0740E	0742	0745	S17	W45	4469	04	20.9	5D	SB	C 3.5	3	V	0742		64	.9	
	LEAR	24	0740	0743	0754	S17	W46	4469	04	20.8	14	SB						34		K
	BUCA	24	0740E	0743	0758	S15	W43	4469	04	21.1	18D	SN	C 3.5			0743		64	.9	E
	CATA	24	0740	0745	0750D	S17	W44	4469	04	21.0	10D	1	C 3.5	2	P	0745		140	2.0	
0320		24	0841*	08497	0859	S13	E46	4474	04	27.8	18	SF						36	.6	E
	BUCA	24	0841		0904	S12	E42	4474	04	27.5	23	SF				0845		64	.9	E
	HTPR	24	0845	0849	0852	S14	E41	4474	04	27.5	7	SF				0849		40	.5	
	HTPR	24	0851	0856	0902	S14	E51	4474	04	28.2	11	SF				0856		20	.3	E
	LEAR	24	0853	0853	0858	S13	E50	4474	04	28.1	5	SN			3	C		20		E
	KANZ	24	0854	0854	0858	S12	E47	4474	04	27.9	4	SN			2					
0321	HTPR	24	1015	1016	1019	S09	E61	4474	04	29.0	4	SF					1016	20	.4	
0322	HTPR	24	1026	1028	1035	S12	E51	4474	04	28.3	9	SF					1028	20	.3	
0323	HTPR	24	1158	1203	1215	S09	E50	4474	04	28.2	17	SN					1203	30	.5	E
0324	HTPR	24	1235	1245	1315	S10	E48	4474	04	28.1	40	SF					1245	10	.1	
0325		24	1437*	1439*	1522	S10	E52	4474	04	28.5	45	SF	C 2.1					33	.4	EF
	HTPR	24	1437	1440	1451	S09	E48	4474	04	28.2	14	SN					1440	20	.3	E
	HOLL	24	1439	1439	1457	S11	E52	4474	04	28.5	18	SF	C 2.1	3	C			31		F
	HTPR	24	1450	1453	1530	S12	E59	4474	04	29.1	40	SF				1453		20	.4	
	HOLL	24	1527	1528	1551	S11	E52	4474	04	28.5	24	SN	C 2.2	3	C			53		F
	RAMY	24	1527	1530	1543	S08	E51	4474	04	28.5	16	SF	C 2.2	3	C			43		F
0326		24	16149	16241	1629	S11	E58	4474	04	29.0	15	SN						70		
	HOLL	24	1614	1625	1630	S12	E57	4474	04	29.0	16	SN						81		
	RAMY	24	1623	1624	1628	S10	E59	4474	04	29.1	5	SF						59		
0327		24	16412	1644	1648	S10	E58	4474	04	29.0	7	SN						43		FH
	HOLL	24	1641	1645U	1650D	S11	E58	4474	04	29.0	9D	SN						50		F
	RAMY	24	1643	1644	1648	S10	E59	4474	04	29.1	5	SN						36		H
0328	RAMY	24	1657	1658	1704	S10	E53	4474	04	28.7	7	SN						41		
0329		24	1723	17274	1740	S13	E43	4474	04	28.0	17	1B						218		EFK
	RAMY	24	1723	1727	1740	S13	E43	4474	04	28.0	17	1B						176		FEK
	RAMY	24	1723	1731	1740	S13	E43	4474	04	28.0	17	1B						260		K
0330		24	1741*	1745*	1758	S10	E53	4474	04	28.7	17	SB						90		
	RAMY	24	1741	1745	1758	S09	E50	4474	04	28.5	17	SN						71		
	RAMY	24	1758	1805	1807D	S10	E58	4474	04	29.1	9D	SB						99		
	HOLL	24	1805	1805	1808D	S10	E51	4474	04	28.6	3D	SB						99		

H - ALPHA SOLAR FLARES

APRIL 1984

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement		Remarks	
						Lat	CMD	Region						Mo	Day		Time (UT)
0331		24	19071	19072	1920	S10	E49	4474	04 28.5	13	SN						
	RAMY	24	1907	1907	1919	S09	E49	4474	04 28.5	12	SN	3	C		43		
	HOLL	24	1908	1909	1920	S10	E49	4474	04 28.5	12	SF	3	C		50		
0332		24	20152	20201	2030	S10	E56	4474	04 29.0	15	SB M 1.1						
	HOLL	24	2015	2020	2030	S11	E56	4474	04 29.0	15	SB M 1.1	3	C		148	EF	
	RAMY	24	2017	2021	2030	S10	E56	4474	04 29.0	13	SB M 1.1	3	C		140	FE	
0333		24	2058*	2101*	2119	S12	E46	4474	04 28.3	21	SN						
	RAMY	24	2058	2101	2111	S11	E47	4474	04 28.4	13	SN	3	C		35	FK	
	HOLL	24	2059	2105	2123	S11	E47	4474	04 28.4	24	SF	3	C		38	F	
	HOLL	24	2059	2115	2123	S11	E47	4474	04 28.4	24	SN	3	C		48	K	
	RAMY	24	2113	2115	2118	S13	E44	4474	04 28.2	5	SN	3	C		27	FK	
0334		24	2126*	21431	2215	S12	E45	4474	04 28.3	49	1N C 4.8						
	HOLL	24	2126	2144	2238	S12	E45	4474	04 28.3	72	SN C 4.8	3	C		170	EFIZ	
	RAMY	24	2133	2144	2159D	S11	E45	4474	04 28.3	26D	1N C 4.8	3	C		143	F	
	VORO	24	2141	2143	2152	S14	E44	4474	04 28.2	11	1F		C	2143	187	ZF	
0335	HOLL	24	2241	2243	2302	S11	E46	4474	04 28.4	21	SN	3	C		179	2.7	EFI
0336		24	2356*	2401*	2602	S11	E45	4474	04 28.4	126	3B X13.0						
	MANI	24	2355E	2407	2523	S12	E43	4474	04 28.2	88D	3B	1	V		35	F	
	HOLL	24	2356	2401	2535D	S12	E43	4474	04 28.2	99D	3B X13.0	3	C		1020	15.4	EFHIJKUV
	HOLL	24	2356	2443	2535D	S12	E43	4474	04 28.2	99D	3B	3	C		1127	14.4	FE
	CULG	24	2357	2402	2615	S09	E45	4474	04 28.4	138	3B		C		1281		ZK
	LEAR	25	0007E	0008U	0243	S11	E43	4474	04 28.2	138	3B		C	2402	1146		K
	MITK	25	0015E		0230	S11	E46	4474	04 28.2	156D	3B X13.0	3	C		1500	21.0	VHZ
	VORO	25	0023E	0049	0141	S11	E42	4474	04 28.5	135D	3B		C	0015	1196		ZU
	LEAR	25	0128	0135	0143	S13	E55	4474	04 28.2	78D	2F		C	0050	1020	15.1	IUZ
									04 29.2	15	SN	3	C		824	11.2	FHIJU
0337	HOLL	25	0057	0102	0105	S14	E68	4476	04 30.2	8	SF	3	C		70		F
0338	LEAR	25	0132	0135	0142	S18	W41		04 21.9	10	SF	3	C		34		
0339	LEAR	25	0246	0248	0253	S10	E43	4474	04 28.3	7	SN	3	C		30		
0340	ATHN	25	0600E	0603	0613	S13	E50	4474	04 29.0	13D	SN C 3.6	1	V	0603	26		F
0341		25	0844	08432	0848	S10	E48	4474	04 29.0	4	SN						
	KHAR	25	0840E	0843	0854D	S11	E48	4474	04 29.0	14D	SN		P	0843	78	1.2	CDI
	CATA	25	0840E	0845	0850D	S10	E49	4474	04 29.0	10D	S	2	P	0845	100	1.5	CDI
	KANZ	25	0844	0844	0848	S08	E46	4474	04 28.8	4	SN	2			56	.9	
0342		25	09301	0935	0943	S12	E34	4474	04 27.9	13	SN						
	CATA	25	0930	0935	0940	S12	E34	4474	04 27.9	10	S	2	C	0935	62	.8	CDEI
	HTPR	25	0931	0935	0946	S10	E33	4474	04 27.9	15	SN		C	0935	84	1.0	
	KHAR	25	0936E		0939D	S13	E34	4474	04 28.0	3D	SF		V	0936	40	.5	E
0343		25	0955	1000	1020	S17	W60	4469	04 20.8	25	SF						
	HTPR	25	0955		0959D	S18	W60	4469	04 20.8	4D	SF		C	0956	43	.8	
	CATA	25	0955	1000	1020	S16	W59	4469	04 20.9	25	S	2	C	1000	30	.6	
0344		25	1100*	1100	1115	S12	E36	4474	04 28.2	15	SF						
	HTPR	25	1059E		1100D	S14	E28	4474	04 27.6	1D	SF		C	1100	41	.5	CDI
	CATA	25	1100	1100	1115	S14	E27	4474	04 27.5	15	S	2	C	1100	20	.2	
	KHAR	25	1114E		1133D	S11	E48	4474	04 29.1	19D	SF		V	1115	84	1.0	
	HTPR	25	1115		1120D	S10	E42	4474	04 28.6	5D	SF		C	1118	20	.3	CDI
0345		25	1227	12301	1236	S10	E40	4474	04 28.5	9	SN C 2.8						
	RAMY	25	1227	1230	1238	S11	E36	4474	04 28.2	11	SN C 2.8	3	C		47		F
	KANZ	25	1227	1231	1235	S09	E44	4474	04 28.8	8	SF	2			47		F
0346		25	14051	1406	1415	S09	E46	4474	04 29.0	10	SN C 3.9						
	KANZ	25	1405		1405D	S08	E45	4474	04 29.0	10D	SB	1			51		F
	RAMY	25	1405	1406	1414	S09	E46	4474	04 29.0	9	SN C 3.9	3	C		59		F
	HOLL	25	1406	1406	1416	S11	E47	4474	04 29.1	10	SN C 3.9	3	C		43		F

H - ALPHA SOLAR FLARES

111
Apr 84

APRIL 1984

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		Remarks	
																	(10 ⁻⁶ Disk)	Apparent Corr (Sq Deg)		
0347		25	14572	15011	1510	S10	E42	4474	04	28.8	13	SB	M 1.7				78		EF	
	HOLL	25	1457	1458U	1458D	S12	E35	4474	04	28.2	1D	SB		3	C		50			
	HOLL	25	1457	1501	1504D	S11	E45	4474	04	29.0	7D	SB	M 1.7	3	C		101		FE	
	RAMY	25	1458	1501	1512	S10	E45	4474	04	29.0	14	SB	M 1.7	3	C		84		F	
	KANZ	25	1459	1502	1509	S08	E42	4474	04	28.8	10	SB								
0348	HOLL	25	1524	1525	1529	S12	E66	4476	04	30.6	5	SF					16			
0349		25	1743	17552	1838	S14	E26	4474	04	27.7	55	1B	C 7.1				174		F	
	HOLL	25	1743	1755	1845	S15	E27	4474	04	27.8	62	SB	C 7.1	3	C		160		F	
	RAMY	25	1749E	1757	1830	S14	E26	4474	04	27.7	41D	1B	C 7.1	3	C		189		F	
0350	HOLL	25	1920	1923	1947	S12	E27	4474	04	27.8	27	SN	C 4.1	3	C		121		F	
		25	1955		2134	No Flare Patrol														
0351		26	00111	0015	0022	S18	W68	4469	04	20.8	11	SN					64		F	
	CULG	26	0011	0015	0021	S19	W67	4469	04	20.9	10	SF			C	0015	80			
	LEAR	26	0012	0015	0023	S17	W69	4469	04	20.8	11	SB		3	C		47		F	
0352		26	0040	00462	0102	S10	E40	4474	04	29.0	22	1B	C 9.3				130	2.2	FU	
	LEAR	26	0040	0046	0106	S09	E39	4474	04	28.9	26	SB	C 9.3	3	C		103		UF	
	PURP	26	0040E	0048	0057	S12	E41	4474	04	29.1	17D	1B	C 9.3		C	0048	158	2.2		
0353		26	01181	01183	0126	S13	E30	4474	04	28.3	8	SB	C 2.1				41	.4	F	
	LEAR	26	0118	0118	0124	S13	E29	4474	04	28.2	6	SB	C 2.1	3	C		47		F	
	MANI	26	0119	0121	0127	S13	E30	4474	04	28.3	8	SN		1	V		35	.4		
0354		26	0212	0217	0230	S12	E29	4474	04	28.3	18	SN					47	.6	ET	
	YUNN	26	0212	0217	0233	S16	E20	4474	04	27.6	21	SN			P		63	.7	ET	
	YUNN	26	0222E	0222U	0226	S09	E38	4474	04	28.9	4D	SN			P	0222	31	.4	ET	
0355	LEAR	26	0331	0340	0405	S17	W71	4469	04	20.7	34	SF					41			
0356	LEAR	26	0429	0430	0434	S14	E18	4474	04	27.5	5	SN					29			
0357		26	0452*	0506*	0555	S12	E36	4474	04	28.9	63	SN	C 5.1				92	1.3	DEFIKTZ	
	PURP	26	0452	0513	0531	S15	E37	4474	04	29.0	39	SN	C 5.1		C	0513	68	.9		
	LEAR	26	0459	0506	0553	S13	E36	4474	04	28.9	54	SB	C 5.1	3	C		66		ZFK	
	LEAR	26	0459	0533	0553	S13	E36	4474	04	28.9	54	SB		3	C		68		K	
	ABST	26	0500E	0506	0524D	S13	E35	4474	04	28.8	24D	SN			P	0506	87	1.1	DKZ	
	PURP	26	0543	0543	0558	S11	E39	4474	04	29.2	15	SN			C	0543	128	1.7		
	HTPR	26	0548E		0622	S10	E32	4474	04	28.6	34D	SN			C	0551	100	1.1	EIK	
	YUNN	26	0548E	0552U	0559D	S11	E35	4474	04	28.9	11D	SN			P	0552	126	1.6	ET	
	0358		26	0646*	0656*	0741	S09	E33	4474	04	28.7	55	1B	M 1.8				222	2.7	EFI
		HTPR	26	0646	0659	0750	S10	E34	4474	04	28.8	64	1B			C	0659	250	3.0	EFI
CULG		26	0653	0656	0707D	S06	E39	4474	04	29.2	14D	1B			P	0656	190	2.3	E	
MITK		26	0654	0658	0729D	S09	E38	4474	04	29.1	35D	2B			C	0658	440	5.7	I	
PURP		26	0655	0657	0710	S12	E39	4474	04	29.2	15	SB	M 1.8		C	0657	124	1.7		
CATA		26	0655	0658	0720	S10	E37	4474	04	29.1	25	1	M 1.8	2	C	0658	309	4.0		
LEAR		26	0656	0656	0835	S11	E27	4474	04	28.3	99	1B	C 5.7	3	C		273		FE	
KANZ		26	0657	0657	0713	S08	E35	4474	04	28.9	16	1N								
PURP		26	0657	0703	0716	S11	E28	4474	04	28.4	19	SN	C 5.7		C	0703	110	1.3		
CATA		26	0700	0710	0730	S09	E28	4474	04	28.4	30	S	C 5.7	2	C	0710	84	1.0		
KANZ		26	0706	0710	0836	S06	E26	4474	04	28.2	90	SN								
0359			26	0648*	0657*	0753	S09	W31	4472	04	23.9	65	SN					136	1.7	EFK
	HTPR	26	0648	0658	0805	S10	W30	4472	04	24.0	77	SB			C	0730	120	1.4	EK	
	HTPR	26	0648	0730	0805	S10	W30	4472	04	24.0	77	SB			C	0730	120	1.4	EK	
	LEAR	26	0653	0657	0712	S10	W31	4472	04	23.9	19	SF		3	C		45		F	
	WEND	26	0723	0733	0741D	S09	W31	4472	04	24.0	18D	SN			C	0733	125	1.5		
	LEAR	26	0724	0730	0802	S09	W32	4472	04	23.9	38	1B		3	C		212		F	
	CATA	26	0725	0730	0750D	S08	W32	4472	04	23.9	25D	1		2	P	0730	197	2.4		
	KANZ	26	0726	0729	0802	S08	W31	4472	04	24.0	36	1N								
0360		26	08533	09006	0940	S09	E32	4474	04	28.8	47	1N	M 2.5				214	2.2	EIUZ	
	HTPR	26	0853		0914D	S10	E33	4474	04	28.8	21D	1B			C	0905	210	2.4	EIU	
	LEAR	26	0853	0906	0924D	S09	E34	4474	04	28.9	31D	1B	M 2.5	3	C		311		ZU	
	WEND	26	0854	0906	0930	S09	E34	4474	04	28.9	36	1N	M 2.5		C	0906	213	2.7		
	KANZ	26	0856	0900	0924	S07	E32	4474	04	28.8	28	1B		2						
	HTPR	26	0918E		1005	S09	E30	4474	04	28.6	47D	SF			C	0921	120	1.4	EI	

H - ALPHA SOLAR FLARES

APRIL 1984

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			Remarks	
																Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0361	HTPR	26	1024	1026	1052	S14	E15	4474	04	27.6	28	SN			C	1026	60	.6	E	
0362		26	1059	1252	1302	S11	E23	4474	04	28.2	123D	2B	M 2.7				612		FKZ	
	RAMY	26	1059	1252	1302	S11	E23	4474	04	28.2	123D	2B		3	C		736		K	
	RAMY	26	1059	1253	1302	S11	E23	4474	04	28.2	123D	1B	M 2.7	3	C		487		ZFK	
0363	HTPR	26	1150	1157	1210	S14	E14	4474	04	27.5	20	SN			C	1157	50	.5	E	
0364	HTPR	26	1217	1220	1236	S10	E28	4474	04	28.6	19	SF			C	1220	30	.3	E	
0365		26	1237	1238	1246	S09	W33	4472	04	24.0	9	SF					21			
	RAMY	26	1237	1238	1247	S10	W33	4472	04	24.0	10	SF		3	C		21			
	KANZ	26	1238	1238	1246	S08	W33	4472	04	24.0	8	SF		2						
0366		26	1240	1250*	1413	S13	E14	4474	04	27.6	93	1B					187	2.2	EFK	
	HTPR	26	1240	1250	1400	S14	E13	4474	04	27.5	80	1B			C	1250	220	2.2	E	
	HOLL	26	1245E	1252U	1419	S14	E14	4474	04	27.6	94D	SB		2	C		190		FEK	
	HOLL	26	1245E	1308	1419	S14	E14	4474	04	27.6	94D	SB		2	C		150		K	
	KANZ	26	1246	1250	1311D	S11	E16	4474	04	27.7	25D	1B		2					F	
0367	HTPR	26	1446	1448	1452	S18	W78	4469	04	20.7	6	SF			C	1448	10			
0368		26	1532	1535	1552	S10	W34	4472	04	24.1	20	SF					44	.6	E	
	HTPR	26	1532	1535	1553	S10	W32	4472	04	24.2	21	SF			C	1535	50	.6	E	
	RAMY	26	1533	1536	1550	S09	W35	4472	04	24.0	17	SF		3	C		37			
0369		26	1535	1539*	1620	S07	E24	4474	04	28.4	45	SF					38	.4	E	
	HTPR	26	1535	1555	1705	S06	E25	4474	04	28.5	90	SN			C	1555	40	.4	E	
	RAMY	26	1538	1539	1550	S08	E23	4474	04	28.4	12	SF		3	C		40			
	HOLL	26	1538	1541	1605	S08	E23	4474	04	28.4	27	SF		3	C		33			
0370		26	1540*	1554	1559	S14	E11	4474	04	27.5	19	SN					30	.3		
	HTPR	26	1540	1557	1600	S14	E10	4474	04	27.4	20	SF			C	1557	30	.3		
	RAMY	26	1552	1554	1558	S13	E12	4474	04	27.6	6	SN		3	C		30			
0371	RAMY	26	1722	1726	1744	S09	E31	4474	04	29.0	22	2B	M 2.8	3	C		620			
0372	RAMY	26	1808	1810	1840	S09	W36	4472	04	24.0	32	1N		3	C		220			
		26	2056		2058	No Flare Patrol														
		26	2125		2135	No Flare Patrol														
0373	LEAR	27	0015	0017	0022	S13	E08	4474	04	27.6	7	SN	C 2.4	3	C		41		F	
0374		27	0115	0123*	0148	S13	E09	4474	04	27.7	33	SN	C 2.6				93	.9	FKU	
	LEAR	27	0115	0123	0149	S13	E09	4474	04	27.7	34	SN		3	C		75		K	
	LEAR	27	0115	0134	0149	S13	E09	4474	04	27.7	34	SB	C 2.6	3	C		106		UFK	
	MANI	27	0132E	0134	0147	S13	E10	4474	04	27.8	15D	SN		1	V		97	.9		
0375		27	0413	0418	0508	S13	E13	4474	04	28.1	55	SB	C 1.8				86	1.0	FKT	
	YUNN	27	0413	0418		S18	E11	4474	04	28.0		SN			C		126	1.4	KT	
	YUNN	27	0415	0420	0427D	S08	E16	4474	04	28.4	12D	SN			P		110	1.2	T	
	LEAR	27	0417	0421	0509	S13	E12	4474	04	28.1	52	SB		3	C		47		K	
	LEAR	27	0417	0426	0509	S13	E12	4474	04	28.1	52	SB	C 1.8	3	C		82		FK	
	MANI	27	0418	0421	0505	S10	E16	4474	04	28.4	47	SB		1	V		38	.4	F	
	YUNN	27	0427E	0427	0427D	S17	E09	4474	04	27.9	47D	SN	C 1.8		P		110	1.2	T	
0376		27	0510*	0516*	0554	S09	E20	4474	04	28.7	44	1B	C 2.3				245	3.2	FKT	
	LEAR	27	0510	0516	0601	S08	E15	4474	04	28.3	51	SN		3	C		35		K	
	LEAR	27	0510	0541	0601	S08	E15	4474	04	28.3	51	1B	C 2.3	3	C		373		FK	
	CULG	27	0533	0535U	0553	S11	E26	4474	04	29.2	20	SN			P	0535	180	1.9		
	YUNN	27	0536E	0539U	0540	S09	E25	4474	04	29.1	4D	1B	C 2.3		P	0539	393	4.5	FT	
0377		27	0636E	0710	0746	S14	E04	4474	04	27.6	70D	1F					142	1.5	BEI	
	HTPR	27	0636E		0746	S12	E09	4474	04	27.9	70D	SF			C	0637	60	.6	BEI	
	CATA	27	0710E	0710	0720D	S16	W01	4474	04	27.2	10D	1		2	P	0710	225	2.4		
0378	CATA	27	0710E	0710	0715	S12	W16		04	26.1	5D	S		2	C	0710	56	.6		

H - ALPHA SOLAR FLARES

113
Apr 84

APRIL 1984

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		Remarks		
																Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)			
0379	ATHN	27	0726	0728	0740	S11	E25	4476	04 29.2	14	SF	C	1.9	3	V	0728	32	.4		
0380	HTPR	27	0911	0913	0920	S09	W48	4472	04 23.8	9	SF				C	0913	20	.3	E	
0381		27	09221	09282	0948	S16	E00	4474	04 27.4	26	SN						18	.2	EF	
	HTPR	27	0922	0930	0950	S16	E01	4474	04 27.5	28	SF				C	0930	20	.2	E	
	YUNN	27	0923	0928	0945	S17	E00	4474	04 27.4	22	SN				C		16	.2	EF	
0382	HTPR	27	1124	1127	1137	S09	W49	4472	04 23.8	13	SF				C	1127	20	.3	E	
0383	HTPR	27	1128	1130	1134	S17	E06	4474	04 27.9	6	SN				C	1130	30	.3		
0384		27	11386	1148*	1303	S11	E13	4474	04 28.5	85	SF						30	.3	EK	
	HTPR	27	1138	1148	1210	S18	E17	4474	04 28.8	32	SF				C	1148	30	.3	E	
	HTPR	27	1144	1156	1330	S07	E11	4474	04 28.3	106	SF				C	1156	30	.3	K	
	HTPR	27	1144	1240	1330	S07	E11	4474	04 28.3	106	SF				C	1156	30	.3	K	
0385	ABST	27	1201E	1201	1223D	S11	E34	4476	04 30.0	22D	SN				P	1201	87	.9	D	
0386		27	1348*	14056	1835	S12	E12	4474	04 28.5	287	1B	M	2.5				274	2.5	EFIKZ	
	HOLL	27	1348	1405	1835	S14	E16	4474	04 28.8	287	SB				2	C	176		K	
	HOLL	27	1348	1411	1835	S14	E16	4474	04 28.8	287	1B	M	2.5		2	C	397		ZFK	
	HTPR	27	1350		1724D	S11	E08	4474	04 28.2	214D	1B				C	1415	250	2.5	EIK	
	KANZ	27	1353	1411	1603D	S08	E07	4474	04 28.1	130D	1B				2					
	BERN	27	1359	1411	1510D	S14	E16	4474	04 28.8	71D	1B				C					
0387	HTPR	27	1459	1505	1512	S13	E40	4476	04 30.6	13	SF				C	1505	20	.3		
0388	PALE	27	1751E	1753U	1901	S12	E02	4474	04 27.9	70D	SN	M	1.0	3	C		180		F	
0389	HOLL	27	1916	1922	1929	S14	E37	4476	04 30.6	13	SF				2	C	35			
0390	HOLL	27	1931	1939	1947	S14	E37	4476	04 30.6	16	SF				2	C	52			
0391	CULG	27	2218	2225	2231	S12	W08	4474	04 27.3	13	SF				C	2225	60	.6	J	
0392		27	23351	2339	2347	S12	W07	4474	04 27.4	12	SN						52	.4		
	HOLL	27	2335	2339	2349	S12	W08	4474	04 27.4	14	SN				3	C	61			
	MANI	27	2336	2339	2345	S12	W06	4474	04 27.5	9	SF				1	V	42	.4		
0393	HOLL	27	2354	2355	2407	S18	W02	4474	04 27.8	13	SF				3	C	35			
0394	LEAR	28	0347E	0352U	0417	S13	E32	4476	04 30.6	30D	SN				3	C	22		F	
0395		28	0352*	0407*	0502	S14	W06	4474	04 27.7	70	SN	C	3.2				86	.7	EFHJK	
	LEAR	28	0352	0407	0520	S14	W06	4474	04 27.7	88	SN				3	C	135		K	
	LEAR	28	0352	0447	0520	S14	W06	4474	04 27.7	88	SB	C	3.2	3	C	108		FHK		
	URUM	28	0356	0408	0422	S14	E00	4474	04 28.2	26	SN				C	31	.3			
	CULG	28	0441	0442	0521	S13	W12	4474	04 27.3	40	SN				C	0442	100	1.0	JH	
	URUM	28	0444E	0444U	0449	S13	W11	4474	04 27.4	5D	SN				P	0444	79	.8		
	URUM	28	0444	0454	0514D	S16	W03	4474	04 28.0	30D	SF				P		63	.7		
	ABST	28	0451E	0451	0508D	S13	W03	4474	04 28.0	17D	SN				P	0451	87	.9	E	
	0396		28	0559*	0600*	0628	S13	W05	4474	04 27.9	29	SF						59	.7	DEHT
		LEAR	28	0559	0603	0607	S13	E08	4474	04 28.8	8	SF				3	C	28		
HTPR		28	0600	0600	0605	S14	E09	4474	04 28.9	5	SF				C	0600	20	.2	E	
YUNN		28	0614E	0614U	0620	S13	E08	4474	04 28.9	6D	SN				P	0614	16	.2	DT	
ABST		28	0620E	0620	0626	S14	W06	4474	04 27.8	6D	SF				P	0620	183	1.9	E	
YUNN		28	0620E	0620U	0628	S13	W07	4474	04 27.7	8D	SN				P	0620	110	1.2	T	
HTPR		28	0620	0622	0628	S13	W10	4474	04 27.5	8	SF				C	0622	50	.5	E	
ABST		28	0628E	0632	0637	S11	W11	4474	04 27.4	9D	SN				P	0632	87	.9	D	
HTPR		28	0629	0633	0642	S12	W13	4474	04 27.3	13	SB				C	0633	40	.4	E	
URUM		28	0629	0634	0639	S13	W10	4474	04 27.5	10	SF				C		16	.2		
KANZ		28	0635	0635	0638	S10	W13	4474	04 27.3	3	SF				2				D	
LEAR		28	0636E	0636U	0641	S13	W12	4474	04 27.4	5D	SF				3	C	40		H	
0397			28	0649*	0652*	0716	S08	E08	4474	04 28.9	27	SF						39	.4	DEHITU
	HTPR	28	0649	0652	0657	S09	E08	4474	04 28.9	8	SF				C	0652	10	.1		
	HTPR	28	0658	0659	0710	S13	E02	4474	04 28.4	12	SF				C	0659	20	.2		
	HTPR	28	0659	0700	0706	S10	E07	4474	04 28.8	7	SF				C	0700	10	.1		
	URUM	28	0659	0706	0710	S06	E12	4474	04 29.2	11	SN				C		47	.5		
	KHAR	28	0700E	0702	0728D	S06	E10	4474	04 29.0	28D	SF				V	0703			HI	
	HTPR	28	0703	0723	0731	S08	E07	4474	04 28.8	28	SF				C	0723	30	.3	E	
	YUNN	28	0707E	0710	0728	S07	E11	4474	04 29.1	21D	SN				P		94	1.0	T	
	URUM	28	0716	0722	0732	S06	E09	4474	04 29.0	16	SB				C		63	.7		
	KHAR	28	0720E		0725D	S09	E07	4474	04 28.8	5D	SF				V	0723			DUI	

H - ALPHA SOLAR FLARES

APRIL 1984

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks	
																Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0398		28	07442	07451	0754	S18	W05	4474	04	27.9	10	SN					18	.2	DI	
	URUM	28	0744	0745	0750	S18	W04	4474	04	28.0	6	SN					16	.2		
	KHAR	28	0745E		0754D	S18	W05	4474	04	27.9	9D	SF					0752		DI	
	HTPR	28	0746	0746	0758	S18	W05	4474	04	27.9	12	SN					0746	20	.2	
0399	KHAR	28	0745E		0755D	S16	E28	4476	04	30.4	10D	SF								
0400		28	08561	0859	0904	S12	W14	4474	04	27.3	8	SN	C 2.2				77	.8	DIT	
	YUNN	28	0856	0858U	0904	S12	W14	4474	04	27.3	8	SB	C 2.2				126	1.3	T	
	LEAR	28	0856	0859	0902	S13	W14	4474	04	27.3	6	SN	C 2.2	3			64			
	HTPR	28	0857	0859	0905	S13	W14	4474	04	27.3	8	SB					0859	40	.4	
	KHAR	28	0902E		0904D	S10	W13	4474	04	27.4	2D	SF								DI
0401	KHAR	28	0902E		0912D	S14	E30	4476	04	30.6	10D	SF					0907			
0402	HTPR	28	1221	1228	1241	S15	W13	4474	04	27.5	20	SF					1228	20	.2	
0403	HOLL	28	1533	1534	1556	S16	W15	4474	04	27.5	23	SN		3				24		
0404	PALE	28	1735	1738	1745	S12	E25	4476	04	30.6	10	SF		3				45		
0405		28	1725*	1750*	1825	S16	W10	4474	04	28.0	60	SN	C 2.7				121		FK	
	PALE	28	1725	1751	1826	S16	W10	4474	04	28.0	61	SF	C 2.7	3			112		F	
	HOLL	28	1740	1750	1824	S15	W11	4474	04	27.9	44	SF	C 2.7	3			111			
	RAMY	28	1740	1751	1825	S16	W10	4474	04	28.0	45	SN	C 2.7	3			162		K	
	RAMY	28	1740	1812	1825	S16	W10	4474	04	28.0	45	SN		3			98		K	
0406		28	2017	2018*	2132	S17	E02	4474	04	29.0	75	1B	C 5.5				354		EFK	
	RAMY	28	2017	2018	2138	S17	E03	4474	04	29.1	81	1B	C 5.5	3			227		K	
	HOLL	28	2017	2020	2121	S17	E01	4474	04	28.9	64	2B	C 5.5	3			593		FE	
	RAMY	28	2017	2057	2138	S17	E03	4474	04	29.1	81	SN		3			73		K	
	PALE	28	2023E	2023U	2101D	S18	E01	4474	04	28.9	38D	2N	C 5.5	3			524		F	
0407	HOLL	28	2057	2059	2112	S14	W17	4474	04	27.6	15	SN		3			53		F	
0408	CULG	28	2207	2208	2240	S08	E24	4476	04	30.7	33	SF					2208	40	.4	HK
0409	CULG	28	2222	2224	2231	S13	W21	4474	04	27.3	9	SN					2224	70	.8	HJ
0410	CULG	28	2328	2328	2335	S09	E23	4476	04	30.7	7	SF					2328	30	.3	J
0411	CULG	29	0013	0014U	0014D	S14	W24	4474	04	27.2	1D	SF					0014	50	.5	F
0412		29	0542*	0656*	0814	S15	W01	4474	04	29.2	152	1N	M 1.5				302	4.1	DEFI	
	LEAR	29	0542	0656	0656D	S17	E02	4474	04	29.4	74D	1N	M 1.5	3			212		F	
	MITK	29	0641	0702	0803D	S15	W01	4474	04	29.2	82D	1N					0702	310	3.3	DI
	LEAR	29	0647	0705	0802	S14	W03	4474	04	29.0	75	SB		3			127			
	YUNN	29	0654E	0721	0826	S15	W01	4474	04	29.2	92D	1N					362	3.8		
	KHAR	29	0708E		0905D	S17	W01	4474	04	29.2	117D	2N					0715	500	5.2	EI
0413	LEAR	29	0650	0657	0735	S22	E08		04	29.9	45	SF		3			251			
0414	LEAR	29	0739	0745	0803	S13	E15	4476	04	30.4	24	SF		3			21			
0415	KHAR	29	0902E		0920D	S11	W17	4474	04	28.1	18D	SN					0902		EI	
		29	0946		0954	No Flare Patrol														
		29	1001		1052	No Flare Patrol														
0416	RAMY	29	1128	1128	1137	S13	W30	4474	04	27.2	9	SN	C 1.6	3			50			
0417	RAMY	29	1158	1210	1240	S12	W18	4474	04	28.1	42	SF		3			67			
		29	1255		1303	No Flare Patrol														
		29	1331		1424	No Flare Patrol														
0418		29	1413*	1434	1529	S14	W23	4474	04	27.8	76	1N	M 1.0				172		F	
	HOLL	29	1413	1413U	1426D	S13	W17	4474	04	28.3	13D	1N		3			202			
	HOLL	29	1425E	1425U	1430D	S11	W24	4474	04	27.8	5D	1N	M 1.0	3			202		F	
	HOLL	29	1432	1434	1500	S15	W25	4474	04	27.7	28	SB		3			149		F	
	RAMY	29	1447E		1558	S16	W27	4474	04	27.6	71D	SF		3			133		F	

H - ALPHA SOLAR FLARES

115
Apr 84

APRIL 1984

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)									
0419	HOLL	29	1614	1616	1621	S12	E09	4476	04	30.3	7	SF				3	C	29		F							
0420		29	16396	16471	1658	S13	W23	4474	04	27.9	19	SB	C 3.7					47		EF							
	RAMY	29	1639	1648	1648D	S12	W18	4474	04	28.3	9D	SB			3	C	49										
	RAMY	29	1640E	1648	1658	S15	W23	4474	04	27.9	18D	SB	C 3.7		3	C	44		FE								
	HOLL	29	1645	1647	1659	S12	W27	4474	04	27.7	14	SB	C 3.7		3	C	49		F								
0421		29	1733	17331	1740	S12	E08	4476	04	30.3	7	SN						32									
	PALE	29	1733	1733	1739	S12	E08	4476	04	30.3	6	SF			3	C	32										
	HOLL	29	1733	1733	1740	S12	E08	4476	04	30.3	7	SN			3	C	34										
	RAMY	29	1733	1734	1741	S12	E09	4476	04	30.4	8	SN			3	C	29										
0422		29	1743*	1743*	1756	S13	W34	4474	04	27.2	13	SN	C 9.7					73		FH							
	PALE	29	1743	1743	1749	S13	W35	4474	04	27.1	6	SN	C 9.7		3	C	49										
	RAMY	29	1743	1744	1752	S14	W31	4474	04	27.4	9	SF	C 9.7		3	C	48		F								
	HOLL	29	1750	1755	1803	S12	W34	4474	04	27.2	13	SB			3	C	108										
	PALE	29	1754	1755	1802	S14	W35	4474	04	27.1	8	SB			3	C	86		H								
0423		29	1807*	1810*	1840	S14	W24	4474	04	27.9	33	SN						50		FK							
	RAMY	29	1807	1810	1824	S12	W22	4474	04	28.1	17	SN			3	C	41										
	PALE	29	1808	1810	1846	S15	W28	4474	04	27.6	38	SN			3	C	31		K								
	HOLL	29	1808	1812	1841	S11	W21	4474	04	28.2	33	SN			3	C	31		K								
	HOLL	29	1808	1827	1841	S11	W21	4474	04	28.2	33	SN			3	C	65		FK								
	PALE	29	1808	1828	1846	S15	W28	4474	04	27.6	38	SN			3	C	64		FK								
	RAMY	29	1827	1828	1840	S17	W25	4474	04	27.9	13	SN			3	C	68		F								
0424		29	1828	18281	1842	S12	E08	4476	04	30.4	14	SN						38		F							
	RAMY	29	1828	1828	1844	S12	E08	4476	04	30.4	16	SN			3	C	56										
	PALE	29	1828	1828	1845	S12	E08	4476	04	30.4	17	SN			3	C	29		F								
	HOLL	29	1828	1829	1836	S13	E08	4476	04	30.4	8	SN			3	C	29		F								
0425		29	18476	18542	1913	S12	W21	4474	04	28.2	26	SN	C 3.2					65		F							
	PALE	29	1847	1856	1915	S12	W22	4474	04	28.1	28	SN	C 3.2		3	C	59		F								
	RAMY	29	1852	1854	1911	S12	W21	4474	04	28.2	19	SN	C 3.2		3	C	67		F								
	HOLL	29	1853	1854	1912	S11	W20	4474	04	28.3	19	SN	C 3.2		3	C	69		F								
0426		29	1934*	1944*	1957	S14	W25	4474	04	27.9	23	SN						32.		F							
	RAMY	29	1934	1944	1947	S16	W28	4474	04	27.7	13	SF			3	C			F								
	RAMY	29	1953	1954	2007	S12	W22	4474	04	28.2	14	SN			3	C	32		F								
0427		29	20414	20462	2052	S10	W24	4474	04	28.0	11	SN						39		F							
	HOLL	29	2041	2048	2052	S10	W24	4474	04	28.0	11	SF			3	C	43										
	RAMY	29	2045	2046	2053	S11	W24	4474	04	28.0	8	SN			3	C	35		F								
0428		29	2127	21271	2140	S12	E07	4476	04	30.4	13	SF						39		F							
	RAMY	29	2127	2127	2148	S12	E06	4476	04	30.3	21	SF			3	C	46										
	HOLL	29	2127	2128	2132	S12	E08	4476	04	30.5	5	SF			3	C	36		F								
	PALE	29	2127	2128	2139	S11	E07	4476	04	30.4	12	SF			3	C	34		F								
0429	RAMY	29	2131	2148	2159	S16	W31	4474	04	27.5	28	SF			3	C	21		F								
0430		29	23121	2320*	2523	S16	W31	4474	04	27.6	131	SN	C 3.6					136		EFK							
	PALE	29	2312	2320	2523	S17	W31	4474	04	27.6	131	SN			3	C	134		K								
	PALE	29	2312	2440U	2523	S17	W31	4474	04	27.6	131	SN	C 3.6		3	C	141		FK								
	HOLL	29	2313	2320	2538D	S15	W31	4474	04	27.6	145D	SN			3	C	107		K								
	HOLL	29	2313	2438	2538D	S15	W31	4474	04	27.6	145D	SB	C 3.6		3	C	163		FEK								
0431	PALE	29	2323	2323	2332	S13	E05	4476	04	30.3	9	SF			3	C	30										
																		30 0139		0228		No Flare Patrol					
0432	URUM	30	0336	0352	0401	S16	W09	4476	04	29.5	25	SN						47		.5							
0433	URUM	30	0510	0520	0530	S20	W43		04	26.9	20	SB						63		.9							
0434		30	0540*	0550*	0648	S14	W34	4474	04	27.7	68	1B						183		2.3							
	URUM	30	0540	0550	0630	S13	W34	4474	04	27.7	50	1B			C			236		2.9							
	PURP	30	0551E	0601	0624	S12	W31	4474	04	27.9	33D	1N			P	0601		197		2.4							
	URUM	30	0615	0625	0705	S15	W33	4474	04	27.8	50	SB			C			157		2.0							
	YUNN	30	0637E	0642	0715	S16	W37	4474	04	27.5	38D	SN			P			141		1.9							

H - ALPHA SOLAR FLARES

APRIL 1984

Grp #	Sta Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
															Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0435		30 0735*	07454	0756	S13	E01	4476	04 30.4	21	SN					44	.5	D
	URUM	30 0735	0745	0755	S13	E00	4476	04 30.3	20	SN			C		47	.5	D
	YUNN	30 0742	0745	0800	S13	E01	4476	04 30.4	18	SN			P		47	.5	
	PURP	30 0747	0749	0752	S14	E02	4476	04 30.5	5	SF			C	0749	39	.4	
		30 0941		1024	No Flare Patrol												
0436		30 1150E	11559	1225	S12	W38	4474	04 27.6	35D	2B	M 2.3				354	4.4	BCDI
	ATHN	30 1150E	1155	1225	S13	W40	4474	04 27.5	35D	2B	M 2.3	2	V	1155	509	6.1	
	LVOV	30 1204E	1204	1214D	S11	W35	4474	04 27.9	10D	IN			C	1204	200	2.6	BCDI
0437		30 2103	21047	2141	S15	W42	4474	04 27.7	38	SN	C 1.9				72		FK
	RAMY	30 2103	2104	2141	S15	W42	4474	04 27.7	38	SF		3	C		57		K
	RAMY	30 2103	2111	2141	S15	W42	4474	04 27.7	38	SN	C 1.9	3	C		88		FK
0438		30 21488	21572	2209	S18	W47	4474	04 27.3	21	SN	C 1.8				87		EF
	HOLL	30 2148	2159	2214	S17	W46	4474	04 27.4	26	SN	C 1.8	2	C		38		F
	PALE	30 2151	2157	2209	S19	W47	4474	04 27.3	18	SN	C 1.8	3	C		140		
	RAMY	30 2156	2157	2205	S18	W48	4474	04 27.2	9	SB	C 1.8	3	C		83		FE
0439		30 2238*	2245*	2312	S15	W44	4474	04 27.6	34	SN	C 1.6				41	.5	F
	PALE	30 2238	2245	2248	S14	W43	4474	04 27.7	10	SF		3	C		20		
	HOLL	30 2249E	2252	2256	S14	W45	4474	04 27.5	7D	SN		3	C		38		F
	PALE	30 2300	2317	2322	S16	W44	4474	04 27.6	22	SN	C 1.6	3	C		56		
	MANI	30 2301	2312	2325	S16	W43	4474	04 27.7	24	SF		1	V		38	.5	
	HOLL	30 2315E	2316	2328	S15	W44	4474	04 27.6	13D	SN	C 1.6	3	C		54		F
0440		30 2330*	2341*	2351	S14	W41	4474	04 27.9	21	SF					24		F
	HOLL	30 2330	2341	2345	S14	W43	4474	04 27.7	15	SF		3	C		29		F
	HOLL	30 2348	2355		S15	W44	4474	04 27.7		SN		3	C		20		F
	LEAR	30 2352	2355	2357	S14	W37	4474	04 28.2	5	SF		3	C		23		F

"Remarks":

- | | |
|--|---|
| <p>A = Eruptive prominence whose base is less than 90° 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> |
|--|---|