H - ALPHA S O L A R F L A R E S

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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	Obs See	Obs Type	Area Measurement Time (UT)	Area Measurement Apparent (10^{-6} Disk)	Area Measurement Corr (Sq Deg)	Remarks
0001	LEAR	01	0707	0716	0732	S11	W44		12	29.1	25	SF		3	C		43		
		01	1020		1035	No Flare Patrol													
		01	1111		1731	No Flare Patrol													
		01	1837		1840	No Flare Patrol													
		01	1906		1910	No Flare Patrol													
		01	1952		1953	No Flare Patrol													
		02	0420		0421	No Flare Patrol													
		02	0429		0442	No Flare Patrol													
		02	0503		0505	No Flare Patrol													
		02	0524		0537	No Flare Patrol													
		02	0550		0606	No Flare Patrol													
		02	0617		0642	No Flare Patrol													
		02	0652		0705	No Flare Patrol													
		02	0722		0724	No Flare Patrol													
		02	1305		1321	No Flare Patrol													
		02	1337		1342	No Flare Patrol													
		02	1401		1428	No Flare Patrol													
		02	1459		1558	No Flare Patrol													
		02	1607		1616	No Flare Patrol													
		03	1146		1154	No Flare Patrol													
		03	1249		1253	No Flare Patrol													
0002	CULG	03	2125	2354	2715	N20	E08		01	4.5	350	SB			C	2354	80	.8	EH
		04	1146		1154	No Flare Patrol													
		04	1201		1209	No Flare Patrol													
		05	1051		1132	No Flare Patrol													
		06	1358		1420	No Flare Patrol													
		07	1735		1742	No Flare Patrol													
		07	2246		2258	No Flare Patrol													
		08	1228		1235	No Flare Patrol													
		08	1304		1312	No Flare Patrol													
		08	1316		1325	No Flare Patrol													
		08	1336		1358	No Flare Patrol													
		08	1459		1504	No Flare Patrol													
		09	1116		1149	No Flare Patrol													
		09	1246		1259	No Flare Patrol													
		10	1443		1833	No Flare Patrol													
		10	1901		1947	No Flare Patrol													
0003	CULG	10	2205	2211	2221U	N08	E57		01	15.2	16U	SF			C	2211	30	.6	
		11	1402		1520	No Flare Patrol													
		11	1550		2018	No Flare Patrol													
		12	1402		1731	No Flare Patrol													
		12	1832		1837	No Flare Patrol													
		13	1322		1949	No Flare Patrol													
		13	2011		2018	No Flare Patrol													
0004	CULG	13	2227	2229	2241	S08	E09	4616	01	14.6	14	SF			C	2229	40	.4	
0005	LEAR	14	0035	0036	0046	S08	E07	4616	01	14.5	11	SF		3	C		45		
0006	LEAR	14	0417	0418	0421	S09	E03	4616	01	14.4	4	SF		3	C		39		F
0007	LEAR	14	0439	0443	0445	S08	E05	4616	01	14.6	6	SF		3	C		30		F
0008	LEAR	14	0622	0625	0630	S09	E03	4616	01	14.5	8	SF		3	C		23		F
0009	LEAR	14	0919	0922	0942	S09	E01	4616	01	14.5	23	SF		3	C		79		EF
		14	1333		1908	No Flare Patrol													
0010	CULG	14	2114	2125	2136	S09	W05	4616	01	14.5	22	SF			C	2125	40	.4	D
0011	CULG	14	2200	2212	2222	S08	W05	4616	01	14.5	22	SN			C	2212	70	.7	F

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0012	LEAR	15	0128	0132	0133	S09	W09	4616	01	14.4	5	SF			3	C		22		
		15	1144		1430	No Flare Patrol														
		15	1523		1810	No Flare Patrol														
0013		15	1912	2105	2046	S08	W18	4616	01	14.4	94	SN	C	3.1				159	.9	FHZ
	PALE	15	1912	1916U	2004	S08	W17	4616	01	14.5	52	1N	C	3.1	3	C		203		ZH
	RAMY	15	1934E		2120D	S08	W17	4616	01	14.5	106D	SB	C	3.1	3	C		183		FH
	CULG	15	2057E	2105	2127	S09	W19	4616	01	14.4	30D	SF				P	2105	90	.9	F
0014	CULG	16	0053	0101	0134	S09	W26	4616	01	14.1	41	SF				C	0101	170	1.9	F
0015	CULG	16	0144	0203	0246	S12	W27	4616	01	14.0	62	SF				C	0203	70	.8	E
0016	LEAR	16	0657	0701	0710	S08	W24	4616	01	14.5	13	SF			3	C		54		F
0017	RAMY	16	1350E	1415U	1424D	S08	W29	4616	01	14.4	34D	1B			3	C		208		EZ
		16	1631		1714	No Flare Patrol														
0018		16	1917	1919	1925	S10	W32	4616	01	14.4	8	SN						36		EF
	PALE	16	1917	1919	1925	S09	W31	4616	01	14.5	8	SF			3	C		34		
	RAMY	16	1917E	1922U	1952D	S10	W32	4616	01	14.4	35D	SB			3	C		37		FE
0019	CULG	16	2226	2232	2238	S12	W33	4616	01	14.4	12	SN				C	2232	30	.4	E
0020		17	0127*	0142	0219	S11	W34	4616	01	14.5	52	SN						115	1.4	DEH
	CULG	17	0127	0142	0250	S12	W34	4616	01	14.5	83	SF				C	0142	140	1.7	E
	VORO	17	0141	0143U	0148	S10	W35	4616	01	14.4	7	SN				C	0143	90	1.1	DH
0021		17	03168	0329*	0351	S10	W37	4616	01	14.3	35	SF						114	1.8	DEHT
	CULG	17	0316	0339	0414	S12	W35	4616	01	14.5	58	1F				C	0339	180	2.2	ET
	YUNN	17	0324	0331	0337	S10	W38	4616	01	14.3	13	SN				C		113	1.5	DH
	LEAR	17	0327E	0329	0342	S09	W37	4616	01	14.4	15D	SF			3	C		49		
0022	LEAR	17	0555	0559	0607	S08	W39	4616	01	14.3	12	SF			3	C		28		H
0023	ABST	17	0624	0629	0631	S12	W38	4616	01	14.4	7	SF				C	0629	87	1.1	D
0024	LEAR	17	0751	0752	0804	S12	W39	4616	01	14.4	13	SF			3	C		32		H
0025	LEAR	17	0901	0903	0906	S11	W39	4616	01	14.4	5	SF			3	C		27		H
0026	LEAR	17	1001	1003	1007	S11	W40	4616	01	14.4	6	SF			3	C		83		H
		17	1009		1052	No Flare Patrol														
		17	1103		1112	No Flare Patrol														
0027	RAMY	17	1120E	1205	1240D	N20	W90		01	10.6	80D	SB			3	C		49		
0028	RAMY	17	1402	1410	1425	S11	W31	4616	01	15.2	23	SN			3	C		37		
0029	RAMY	17	1502	1540	1540D	N20	W90		01	10.7	38D	SB			3	C		61		
0030	VORO	18	0005	0009U	0019	S11	W22		01	16.3	14	1F				C	0009	224	2.5	ET
0031		18	0119*	0237	0330	S10	W26		01	16.1	131	SN						155	1.7	DFKT
	CULG	18	0119	0237	0330	S09	W27		01	16.0	131	SF				C	0237	90	.9	F
	VORO	18	0158	0220U	0239D	S09	W28		01	16.0	41D	1N				C	0220	242	2.8	DKT
	VORO	18	0229	0230U	0239D	S11	W24		01	16.3	10D	SN				C	0230	134	1.5	DT
		18	2103		2118	No Flare Patrol														
0032	LEAR	19	0702	0704	0715	S06	W65	4616	01	14.4	13	SF			3	C		20		F
		19	1038		1116	No Flare Patrol														
0033	HTPR	19	1325		1344D	S09	W07	4617	01	19.0	19D	SF				C	1341	70	.7	ET

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0034	HTPR	19	1401E		1502	S09	W07	4617	01	19.0	61D	SN			C	1429	80	.8	ET
0035	HTPR	19	1509		1527D	S09	W07	4617	01	19.1	18D	SF			C	1512	60	.6	ET
0036	HOLL	19	1631	1643	1656	S10	W10	4617	01	18.9	25	SF		3	C		26		FU
0037		19	2138*	2146*	2359	S10	W12	4617	01	19.0	141	SF					142	3.7	FJKL
	HOLL	19	2138	2146	2152	S10	W13	4617	01	18.9	14	SF		3	C		40		
	CULG	19	2138	2338	2705	S10	W11	4617	01	19.1	327	1N			P	2338	360	3.7	FKLJ
	PALE	19	2250	2250	2259	S10	W11	4617	01	19.1	9	SF		3	C		26		
0038	CULG	19	2144	2345	2445D	N07	E45	4618	01	23.3	181D	SF			P	2345	100	1.4	D
0039		20	00115	00171	0030	S10	W11	4617	01	19.2	19	SN	C 2.3				92		FH
	LEAR	20	0011	0018	0030	S10	W11	4617	01	19.2	19	SN	C 2.3	3	C		139		FH
	PALE	20	0016	0017	0030	S09	W11	4617	01	19.2	14	SN	C 2.3	3	C		46		F
0040	MANI	20	0115E	0115U	0116D	S10	W14	4617	01	19.0	1D	SF		1	V		39	.4	F
0041		20	0227	0241*	0329	S10	W14	4617	01	19.0	62	SN	C 1.3				68	.9	EFK
	PALE	20	0227	0234U	0302D	S09	W13	4617	01	19.1	35D	SF	C 1.3	3	C		62		F K
	PALE	20	0227	0251	0302D	S09	W13	4617	01	19.1	35D	SF		3	C		36		K
	PURP	20	0236E	0241	0329	S11	W15	4617	01	19.0	53D	SN	C 1.3		C	0241	46	.5	E
	YUNN	20	0241E	0245U	0258D	S10	W13	4617	01	19.1	17D	SB	C 1.3		P	0245	126	1.3	E
0042	YUNN	20	0359E	0400U	0410D	N04	E40	4618	01	23.1	11D	SN			P	0400	79	1.1	D
0043	YUNN	20	0359E	0408	0410D	S08	W13	4617	01	19.2	11D	SN			P		79	.8	
0044	CATA	20	0820E	0820	0835D	S09	W15	4617	01	19.2	15D	SN		2	P	0820	56	.6	T
0045	CATA	20	1100	1100	1110	S12	W19	4617	01	19.0	10	SN		2	C	1100	84	.9	T
0046	CATA	20	1210	1210	1225	S11	W19	4617	01	19.1	15	SN		2	C	1210	84	.9	T
0047	KANZ	20	1330	1338	1350	S10	W23	4617	01	18.8	20	SF		2					
		20	1410		1428	No Flare Patrol													
		20	1504		1510	No Flare Patrol													
0048	HOLL	20	1926	1938	1948	S08	W25	4617	01	18.9	22	SF		3	C		46		
0049		20	20395	2046*	2144	S09	W24	4617	01	19.0	65	1B	M 4.1				274	2.8	FKUVZ
	HOLL	20	2039	2055	2155	S09	W24	4617	01	19.0	76	1B	M 4.1	3	C		302		ZFK
	HOLL	20	2039	2102	2155	S09	W24	4617	01	19.0	76	SB		3	C		184		K
	CULG	20	2043	2046	2153	S10	W24	4617	01	19.0	70	1B			C	2046	250	2.8	UV
	PALE	20	2044	2046	2130	S08	W24	4617	01	19.1	46	1B		3	C		388		K
	PALE	20	2044	2051	2130	S08	W24	4617	01	19.1	46	1B	M 4.1	3	C		248		UFK
0050		20	2304*	2309*	2321	S11	W25	4617	01	19.1	17	SN					58	.8	DF
	CULG	20	2304	2309	2317	S11	W24	4617	01	19.1	13	SN			C	2309	90	1.1	D
	HOLL	20	2307	2310	2314	S10	W23	4617	01	19.2	7	SF		3	C		45		F
	CULG	20	2318	2329	2333	S11	W29	4617	01	18.8	15	SN			C	2329	40	.5	D
0051		20	2345*	2353*	2423	S10	W24	4617	01	19.2	38	SN	C 2.0				98	1.8	DEFHV
	CULG	20	2345	2353	2405	S11	W24	4617	01	19.2	20	SF			P	2353	80	1.0	D
	PALE	20	2353		2407	S09	W23	4617	01	19.3	14	SF		3	C		22		
	LEAR	20	2354	2412	2428	S10	W25	4617	01	19.1	34	SN	C 2.0	3	C		90		F
	MITK	21	0007	0011	0023	S11	W24	4617	01	19.2	16	SB			C	0011			EH
	CULG	21	0008	0014	0049	S11	W27	4617	01	19.0	41	1N			P	0014	220	2.5	FV
	PALE	21	0009	0012	0026	S09	W23	4617	01	19.3	17	SN	C 2.0	3	C		79		H
0052		21	00328	00339	0040	S09	W25	4617	01	19.1	8	SF					27		H
	LEAR	21	0032	0033	0035	S09	W25	4617	01	19.1	3	SF		3	C		27		H
	LEAR	21	0040	0042	0046	S09	W25	4617	01	19.1	6	SF		3	C		27		H
0053	PURP	21	0103	0122U	0143	S11	W27	4617	01	19.0	40	SN			C	0122	119	1.4	E

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0054	CULG	21	0107E	0109	0120	N08	E23	4618	01	22.8	13D	SF				P	0109	20	.2	D
0055		21	0152*	02184	0235	S09	W30	4617	01	18.8	43	1B	C	2.0				180	2.1	FT
	CULG	21	0152	0218	0243	S10	W30	4617	01	18.8	51	1B				C	0218	220	2.5	
	PURP	21	0200	0221	0226D	S10	W29	4617	01	18.9	26D	SB	C	2.0		C	0221	68	.8	
	LEAR	21	0204	0219	0234	S09	W29	4617	01	18.9	30	SN	C	2.0	3	C		186		F
	YUNN	21	0208	0222	0229	S08	W31	4617	01	18.8	21	1B	C	2.0		C		246	3.0	T
0056		21	0239*	0245*	0355	S10	W28	4617	01	19.0	76	SN	M	2.2				166	1.8	DEFKTVZ
	LEAR	21	0239	0245	0453	S10	W30	4617	01	18.8	134	SN			3	C		120		K
	CULG	21	0239	0253	0310	S11	W25	4617	01	19.2	31	SF				P	0253	120	1.3	D
	LEAR	21	0239	0354	0453	S10	W30	4617	01	18.8	134	1B	M	2.2	3	C		324		ZFK
	PURP	21	0242E	0248U	0304	S11	W25	4617	01	19.2	22D	SN				C	0248	160	1.8	
	YUNN	21	0244	0248	0307	S11	W26	4617	01	19.1	23	SN				C		92	1.1	T
	CULG	21	0258	0300	0317	S09	W30	4617	01	18.9	19	SF				C	0300	80	.9	EV
	YUNN	21	0303E	0304	0314	S09	W30	4617	01	18.9	11D	SN				P		123	1.5	FT
	CULG	21	0319	0325	0335	S09	W29	4617	01	19.0	16	SF				C	0325	100	1.1	D
	CULG	21	0336	0354	0433	S09	W29	4617	01	19.0	57	1B				C	0354	300	3.6	FV
	MITK	21	0343	0353	0403	S08	W30	4617	01	18.9	20	SN				C	0353			E
	YUNN	21	0343	0353	0415	S09	W30	4617	01	18.9	32	1B	M	2.2		C		246	2.9	FT
	PURP	21	0344	0351	0406	S11	W28	4617	01	19.0	22	1B	M	2.2		C	0351	224	2.6	
	CULG	21	0434	0441	0445	S09	W29	4617	01	19.0	11	SF				C	0441	100	1.1	D
0057		21	0448*	0502*	0556	S10	W29	4617	01	19.0	68	1N	M	1.1				229	2.6	DEFHKTVZ
	CULG	21	0448	0502	0507	S09	W29	4617	01	19.0	19	SF				C	0502	100	1.1	D
	LEAR	21	0455	0506	0659	S11	W29	4617	01	19.0	124	1B	M	1.1	3	C		235		ZF
	CULG	21	0504	0507	0617	S11	W30	4617	01	18.9	73	1B				C	0507	360	4.1	FV
	MITK	21	0505	0507	0521	S10	W30	4617	01	18.9	16	SN				C	0507			EH
	YUNN	21	0510E	0512U	0525	S11	W29	4617	01	19.0	15D	1N	M	1.1		P	0512	231	2.7	
	YUNN	21	0517E	0517	0525	S11	W30	4617	01	19.0	8D	1N				C		189	2.2	FKT
	CULG	21	0619	0624	0658	S10	W28	4617	01	19.1	39	1N				C	0624	260	3.0	F
0058		21	0701*	0708*	0732	S09	W29	4617	01	19.1	31	1N	C	1.9				198	2.9	EFT
	CULG	21	0701	0709	0728	S09	W29	4617	01	19.1	27	SB				P	0709	160	1.8	F
	MITK	21	0706	0709	0717D	S09	W27	4617	01	19.3	11D	SN				C	0709			E
	YUNN	21	0706	0718	0734	S07	W30	4617	01	19.0	28	2F	C	1.9		C		538	6.4	T
	LEAR	21	0707	0708	0722	S09	W28	4617	01	19.2	15	SN	C	1.9	3	C		53		FE
	CULG	21	0735	0738	0744	S10	W34	4617	01	18.8	9	SN				C	0738	40	.5	E
0059	CATA	21	0710E	0710	0710D	N07	E23	4618	01	23.0	9D	SF			2	P	0710	56	.6	
0060		21	0801	08061	0816	S10	W34	4617	01	18.8	15	SN						43	.6	DT
	CULG	21	0801	0807	0813	S10	W34	4617	01	18.8	12	SF				C	0807	40	.5	D
	YUNN	21	0806E	0806	0818	S10	W35	4617	01	18.7	12D	SN				P		46	.6	DT
0061	YUNN	21	0824	0830	0836	S11	W35	4617	01	18.7	12	SF				C		63	.8	T
0062		21	09554	1008	1029	S10	W32	4617	01	19.0	34	SN	C	4.6				92	.9	EF
	LEAR	21	0955	1008	1023	S10	W32	4617	01	19.0	28	SN	C	4.6	3	C		115		F
	KHAR	21	0958		1033	S11	W33	4617	01	18.9	35	1N				C	1009			E
	WEND	21	0959	1008	1038	S08	W33	4617	01	18.9	39	SN	C	4.6		C	1008	69	.9	
	KANZ	21	1005E	1005U	1021	S11	W31	4617	01	19.1	16D	SN			1					
0063		21	1042*	1046*	1106	S09	W31	4617	01	19.1	24	SN	C	8.8				101	1.3	DH
	WEND	21	1042	1046	1059	S05	W31	4617	01	19.1	17	SN	C	8.8		C	1046	75	.9	H
	KHAR	21	1043		1055	S10	W31	4617	01	19.1	12	SB				V	1050			DH
	ATHN	21	1046	1048	1054	S11	W30	4617	01	19.2	8	SB	C	8.8		V	1048	32	.4	
	KANZ	21	1048	1052	1054D	S09	W31	4617	01	19.1	6D	SB			1					
	CATA	21	1055	1100	1135	S13	W32	4617	01	19.0	40	1F			2	C	1100	197	2.5	
0064	RAMY	21	1302	1315	1358	S08	W33	4617	01	19.1	56	SN	C	1.8	3	C		73		FH
0065		21	1410*	1425*	1815	S09	W35	4617	01	19.0	245	SN	M	2.4				156		EFK
	RAMY	21	1410	1425	1821	S08	W34	4617	01	19.0	251	SB	M	2.4	3	C		125		FEK
	RAMY	21	1410	1517	1821	S08	W34	4617	01	19.0	251	1B			3	C		225		K
	HOLL	21	1426E	1428	1541D	S11	W36	4617	01	18.9	75D	SN	M	2.4	3	C		131		K
	HOLL	21	1426E	1518	1541D	S11	W36	4617	01	18.9	75D	1B			3	C		250		FEK
	HOLL	21	1631E	1653	1819	S09	W35	4617	01	19.1	108D	SB	M	3.3	3	C		169		F K
	HOLL	21	1631E	1738	1819	S09	W35	4617	01	19.1	108D	SN			3	C		154		K
	PALE	21	1730E	1734U	1757	S08	W34	4617	01	19.2	27D	SN			2	C		150		F
	PALE	21	1802	1805	1808D	S08	W34	4617	01	19.2	6D	SF			2	C		45		F

H - ALPHA S O L A R F L A R E S

JANUARY 1985

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Obs See	Obs Type	Area Measurement Time (UT)	Area Measurement Apparent (10^{-6} Disk)	Area Measurement Corr (Sq Deg)	Remarks
0066		21	18554	1902*	1920	S09	W39	4617	01	18.9	25	SN					32		F
	HOLL	21	1855	1912	1927	S09	W38	4617	01	18.9	32	SN		3	C		35		F
	PALE	21	1859	1902	1912	S09	W40	4617	01	18.8	13	SF		2	C		30		
0067		21	20375	20418	2054	S09	W37	4617	01	19.1	17	SF					59	1.0	FK
	PALE	21	2037	2041	2054	S08	W36	4617	01	19.1	17	SF		3	C		46		K
	PALE	21	2037	2048	2054	S08	W36	4617	01	19.1	17	SF		3	C		51		K
	CULG	21	2042	2049	2055	S12	W40	4617	01	18.8	13	SF			C	2049	80	1.0	F
0068		21	2116*	2118*	2151	S09	W38	4617	01	19.0	35	1B	M 1.2				173	3.6	EFJKV
	PALE	21	2116	2118	2126	S08	W37	4617	01	19.1	10	SN		3	C		26		F
	PALE	21	2127	2130	2200	S08	W38	4617	01	19.0	33	1B	M 1.2	3	C		201		K
	PALE	21	2127	2132	2200	S08	W38	4617	01	19.0	33	1B	M 1.2	3	C		185		FEK
	CULG	21	2128	2133	2157	S11	W40	4617	01	18.9	29	1B			C	2133	280	3.6	EVJ
0069		21	22063	2210*	2327	S07	W34	4617	01	19.4	81	SN	C 3.0				68	1.3	EFK
	CULG	21	2206	2213	2234D	S09	W35	4617	01	19.3	28D	SN			C	2213	100	1.3	E
	PALE	21	2209	2210	2327	S06	W34	4617	01	19.4	78	SN	C 3.0	3	C		45		F K
	PALE	21	2209	2236	2327	S06	W34	4617	01	19.4	78	SN		3	C		60		K
0070		21	2308*	2320*	2549	S10	W40	4617	01	18.9	161	1N	X 4.7				372	9.2	FKUVZ
	LEAR	21	2308	2320	2343	S10	W40	4617	01	18.9	35	SN		3	C		44		F
	HOLL	21	2324	2328	2355D	S09	W42	4617	01	18.8	31D	SN		3	C		74		K
	HOLL	21	2324	2355	2355D	S09	W42	4617	01	18.8	31D	1N	X 4.7	3	C		231		F K
	LEAR	21	2346	2411	2637	S11	W39	4617	01	19.0	171	2B	X 4.7	3	C		678		ZUK
	LEAR	21	2346	2438	2637	S11	W39	4617	01	19.0	171	1N		3	C		207		K
	CULG	21	2352	2408	2725	S11	W40	4617	01	19.0	213	2B			P	2408	640	8.6	FV
	MITK	21	2353	2359	2442	S11	W40	4617	01	19.0	49	2B			C	2359	730	9.8	FUZ
0071		22	0033	0131	0240	S11	W42	4617	01	18.9	127	2F					362	5.0	BFUWZ
	MITK	22	0033	0131	0240	S12	W44	4617	01	18.7	127	2F			C	0131	380	5.3	FUZ
	MANI	22	0058E		0058D	S10	W39	4617	01	19.1	127D	SF		1	V		75	.9	F
	YUNN	22	0143E	0152U	0303D	S11	W42	4617	01	18.9	80D	2N			P	0152	630	8.7	BFW
0072		22	03542	0357	0408	S09	W42	4617	01	19.0	14	SN					104	1.8	D
	CULG	22	0354	0357	0407	S09	W43	4617	01	18.9	13	1N			C	0357	160	2.1	D
	MITK	22	0355	0357	0409	S08	W43	4617	01	18.9	14	SN			C	0357	110	1.5	D
	LEAR	22	0356	0357	0408	S09	W41	4617	01	19.1	12	SN		3	C		41		
0073	LEAR	22	0427	0427	0434	S12	W43	4617	01	18.9	7	SF		3	C		21		F
0074		22	05051	05085	0538	S10	W44	4617	01	18.9	33	SN					40	.4	DFKV
	LEAR	22	0505	0513	0542	S10	W43	4617	01	19.0	37	SN		3	C		51		F
	CULG	22	0506	0508	0535	S09	W44	4617	01	18.9	29	SF			C	0508	30	.4	DVK
0075	LEAR	22	0728	0729	0745	S09	W42	4617	01	19.1	17	SN		3	C		72		
0076	KHAR	22	0933	0934	0943	S09	W42	4617	01	19.2	10	SF			V	0934			DH
0077		22	11002	11041	1128	S11	W46	4617	01	19.0	28	1N	C 3.1				238	3.5	E
	ATHN	22	1100	1104	1128	S10	W45	4617	01	19.1	28	1B	C 3.1		V	1104	223	3.2	
	KHAR	22	1102	1105	1125D	S12	W46	4617	01	19.0	23D	1N			V	1105			E
	CATA	22	1105E	1105	1130D	S12	W47	4617	01	18.9	25D	1N		2	P	1105	253	3.8	
		22	1805		2106	No Flare Patrol													
0078	RAMY	22	2054	2056	2152	S11	W53	4617	01	18.9	58	SB		3	C		186		
		22	2139		2158	No Flare Patrol													
		22	2210		2236	No Flare Patrol													
0079	LEAR	23	0019E	0019	0042	S12	W54	4617	01	18.9	23D	SN		3	C		50		
0080		23	0340	0402*	0453	S13	W56	4617	01	18.9	73	SN	C 1.1				95		K
	LEAR	23	0340	0402	0453	S13	W56	4617	01	18.9	73	SF		3	C		77		K
	LEAR	23	0340	0414	0453	S13	W56	4617	01	18.9	73	SN	C 1.1	3	C		113		K
0081	LEAR	23	0653	0654	0701	S13	W57	4617	01	19.0	8	SF		3	C		33		

H - ALPHA SOLAR FLARES

JANUARY 1985

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10^{-6} Disk)	Area Measurement Corr (Sq Deg)	Remarks
0082	LEAR	23	0709	0710	0716	S12	W58	4617	01	18.9	7	SF		3	C		42		
0083		23	07251	0729*	0820	S11	W58	4617	01	18.9	55	1N	M 1.3				226	4.0	EFK
	ATHN	23	0725	0732	0818	S10	W56	4617	01	19.1	53	1N			V	0732	255	5.1	
	CULG	23	0725	0732	0828	S12	W58	4617	01	18.9	63	1N			C	0732	200	3.8	F
	LEAR	23	0725	0734	0827	S12	W59	4617	01	18.9	62	1N		3	C		292		K
	LEAR	23	0725	0740	0827	S12	W59	4617	01	18.9	62	1B	M 1.3	3	C		278		K
	ABST	23	0726	0729	0802	S11	W56	4617	01	19.1	36	1N			C	0729	175	3.0	E
	YUNN	23	0727E	0738	0816D	S10	W61	4617	01	18.7	49D	2B	M 1.3		P		246	5.2	F
	CATA	23	0755E	0755	0755D	S13	W60	4617	01	18.8	49D	1N		2	P	0755	140	2.9	
0084	LEAR	23	0846	0848	0859	S12	W59	4617	01	18.9	13	SF		3	C		33		
0085	LEAR	23	0907	0912	0923	S10	W57	4617	01	19.1	16	SF		3	C		40		
0086		23	1050	1050*	1110D	S15	W50	4617	01	19.7	20D	1N					154	2.6	
	CATA	23	1045E	1100	1110D	S15	W54	4617	01	19.3	25D	1N		2	P	1100	197	3.4	
	CATA	23	1050	1050	1110D	S15	W46	4617	01	20.0	20D	SN		2	C	1050	112	1.7	
0087		23	1140*	1146*	1236	S09	W58	4617	01	19.1	56	SB	C 5.8				81	1.3	EFK
	RAMY	23	1140	1146	1236	S10	W59	4617	01	19.0	56	SB		3	C		65		K
	RAMY	23	1140	1157	1236	S10	W59	4617	01	19.0	56	SB	C 5.8	3	C		115		FEK
	ATHN	23	1200	1204U	1215D	S08	W57	4617	01	19.2	15D	SN	C 5.8		V	1204	64	1.3	
0088	RAMY	23	1238	1241	1256	S11	W58	4617	01	19.2	18	SB	C 2.5	3	C		38		
0089		23	1730	17329	1753	S11	W63	4617	01	19.0	23	SB	C 2.0				56		K
	RAMY	23	1730	1732	1753	S11	W63	4617	01	19.0	23	SB	C 2.0	3	C		69		K
	RAMY	23	1730	1741	1753	S11	W63	4617	01	19.0	23	SN		3	C		43		K
0090	CULG	23	2113	2114	2128	S13	W68	4617	01	18.7	15	SF			C	2114	40		E
0091		24	0044	00455	0112	S11	W64	4617	01	19.2	28	1B	C 4.0				173	6.3	E
	LEAR	24	0044	0045	0113	S11	W67	4617	01	19.0	29	SB	C 4.0	3	C		62		E
	CULG	24	0044	0050	0112	S13	W68	4617	01	18.9	28	1N			C	0050	100		
	MANI	24	0045E		0045D	S10	W58	4617	01	19.7	28D	2B		1	V		358	6.3	E
0092		24	04443	04444	0450	S12	W70	4617	01	18.9	6	SF					20		
	LEAR	24	0444	0444	0446	S11	W70	4617	01	18.9	2	SF		3	C		18		
	LEAR	24	0447	0448	0453	S12	W69	4617	01	19.0	6	SF		3	C		22		
0093	LEAR	24	0533	0533	0535	S11	W69	4617	01	19.0	2	SF		3	C		26		
0094		24	05471	0554	0616	S12	W70	4617	01	19.0	29	1F	C 1.8				77		
	CULG	24	0547	0554	0615	S13	W70	4617	01	18.9	28	1F			C	0554	100		
	LEAR	24	0548	0554	0616	S11	W70	4617	01	19.0	28	SF	C 1.8	3	C		54		
0095	CULG	24	0643	0653	0701	S15	W70	4617	01	19.0	18	SF			C	0653	20		
0096	HTPR	24	1007	1019	1020	S11	W71	4617	01	19.1	13	SF			C	1019	30		
0097	HTPR	24	1104	1107	1112	S11	W71	4617	01	19.1	8	SN			C	1107	30		E
0098		24	1127	1132	1153	S10	W72	4617	01	19.1	26	SB					50		
	HTPR	24	1127	1132	1148	S11	W72	4617	01	19.1	21	SB			C	1132	30		
	RAMY	24	1135E	1137U	1158	S10	W71	4617	01	19.1	23D	SN		3	C		71		
		24	2039		2220	No Flare Patrol													
		24	2257		2303	No Flare Patrol													
		24	2313		2316	No Flare Patrol													
		24	2318		2321	No Flare Patrol													
		25	0931		0936	No Flare Patrol													
0099	HTPR	25	1121	1127	1134	S06	W07		01	24.9	13	SF			C	1127	40	.4	E
		25	2220		2231	No Flare Patrol													
		26	0841		0849	No Flare Patrol													
		26	1121		1142	No Flare Patrol													

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JANUARY 1985

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp	Opt	Xray	See	Obs Type	Area Measurement Time (UT)	Area Measurement Apparent (10^{-6} Disk)	Area Measurement Corr (Sq Deg)	Remarks
		26	1211		1216	No Flare Patrol														
		26	1249		1256	No Flare Patrol														
		26	1502		1559	No Flare Patrol														
		26	1632		1728	No Flare Patrol														
0100	CULG	26	2112	2118	2138	N04	W53	4618	01	22.9	26	SN				C	2118	40	.7	
0101	CULG	26	2257	2311	2329	N04	W54	4618	01	22.9	32	SF				C	2311	30	.5	
0102		27	02121	02162	0226	N04	W57		01	22.8	14	SN						26	.4	G
	CULG	27	0212	0218	0230	N04	W57		01	22.8	18	SF				C	0218	20	.3	
	YUNN	27	0213	0216	0221	N05	W57		01	22.8	8	SN				C		31	.6	G
		27	1554		1613	No Flare Patrol														
		27	2042		2106	No Flare Patrol														
		28	0007		0016	No Flare Patrol														
		28	1523		1633	No Flare Patrol														
		29	2258		2306	No Flare Patrol														
		30	1135		1148	No Flare Patrol														
		30	1718		1804	No Flare Patrol														
		30	2247		2249	No Flare Patrol														
		30	2304		2319	No Flare Patrol														
		30	2321		2329	No Flare Patrol														
0103	CATA	31	0800	0805	0805D	N18	E07	4621	01	31.9	5D	SF		2		P	0805	56	.6	
0104	HTPR	31	1312	1313	1319	N16	E06	4621	02	1.0	7	SF				C	1313	10	.1	
		31	2137		2140	No Flare Patrol														
		31	2151		2240	No Flare Patrol														
		31	2246		2259	No Flare Patrol														

"Remarks":

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.
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.