

H - ALPHA SOLAR FLARES

FEBRUARY 1983

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 <sup>-6</sup> Disk)	Corr (Sq Deg)			
0001		01	0150	0151	0157	S16	E24	4077	02	2.9	7	SF	C 1.2					29			
	PALE	01	0150	0151	0155	S17	E23	4077	02	2.8	5	SF	C 1.2	3	C			30			
	LEAR	01	0150	0151	0159	S16	E24	4077	02	2.9	9	SF	C 1.2	3	C			28			
0002		01	0203*	02153	0225	S18	E22	4077	02	2.8	22	SN	C 2.0					53	.7	DFJ	
	LEAR	01	0203	0215	0226	S18	E23	4077	02	2.8	23	SN	C 2.0	3	C			26		F	
	MANI	01	0203	0217	0226	S16	E24	4077	02	2.9	23	SN		1	V			35	.4		
	PALE	01	0205	0217	0228	S19	E22	4077	02	2.8	23	SN	C 2.0	3	C			44			
	YUNN	01	0214	0218	0222	S19	E20	4077	02	2.6	8	SN			C			63	.7	D	
	VORO	01	0216	0218	0225	S19	E22	4077	02	2.8	9	SF			C	0220		99	1.1	DJ	
0003		01	02541	02553	0303	S08	E64		02	5.9	9	SF						106		DJ	
	VORO	01	0254	0258	0302	S08	E64		02	5.9	8	SF			C	0258		188		DJ	
	LEAR	01	0255	0255	0304	S09	E63		02	5.8	9	SF		3	C			23			
0004		01	0633*	0637*	0752	S19	E18	4077	02	2.6	79	1N	C 5.6					278	3.5	DEFKZ	
	ABST	01	0633	0637	0644D	S21	E18	4077	02	2.6	11D	SN			P	0637		131	1.4	DK	
	TACH	01	0641	0724	0752	S18	E20	4077	02	2.8	71	2F			C	0724		769	8.9		
	LEAR	01	0648	0648	0816	S20	E17	4077	02	2.6	88	SN		3	C			31		K	
	LEAR	01	0648	0737	0816	S20	E17	4077	02	2.6	88	1N	C 5.6	3	C			298		ZFK	
	YUNN	01	0649	0653	0657	S21	E18	4077	02	2.7	8	SF			C			79	.9		
	YUNN	01	0706	0712	0720	S18	E18	4077	02	2.7	14	SN			C			126	1.4		
	ABST	01	0722	0731	0825	S20	E18	4077	02	2.7	63	1N			C	0731		261	2.9	E	
	YUNN	01	0727	0736	0801	S18	E18	4077	02	2.7	34	2B			P			472	5.2		
	CATA	01	0730E	0730	0800D	S20	E17	4077	02	2.6	30D	1		1	P	0730		337	3.7		
0005	KANZ	01	0924	0924	0931D	S16	E18	4077	02	2.7	7D	SF		2							
0006	RAMY	01	1220E	1220U	1304	S18	E19	4077	02	3.0	44D	SN	C 2.1	3	C			36		F	
		01	1318		1322	No Flare Patrol															
0007		01	1338	13397	1402	S18	E16	4077	02	2.8	24	SF						26		K	
	RAMY	01	1338	1339	1402	S18	E16	4077	02	2.8	24	SF		3	C			28		K	
	RAMY	01	1338	1346	1402	S18	E16	4077	02	2.8	24	SF		3	C			24		K	
		01	1511		1536	No Flare Patrol															
0008		01	1633E	1640	1726	S19	E13	4077	02	2.7	53D	SN	C 1.0					70		FK	
	HOLL	01	1633E	1640	1726	S19	E13	4077	02	2.7	53D	SF		3	C			39		K	
	HOLL	01	1633E	1707U	1726	S19	E13	4077	02	2.7	53D	SN	C 1.0	3	C			100		FK	
		01	1738		1806	No Flare Patrol															
0009	HOLL	01	1808E	1809U	1913	S17	E25	4077	02	3.6	65D	SF	C 2.0	3	C			54		FS	
0010		01	1833	1835*	2032D	S19	E13	4077	02	2.8	119D	SB	C 5.1					55		FKZ	
	HOLL	01	1833	1835	2032D	S19	E13	4077	02	2.8	119D	SN		3	C			31		K	
	HOLL	01	1833	1903	2032D	S19	E13	4077	02	2.8	119D	SB	C 5.1	3	C			79		ZFK	
		01	1924		1940	No Flare Patrol															
		01	2109		2249	No Flare Patrol															
0011		02	00422	00432	0051	S11	W67	4072	01	28.1	9	SF						25	.5		
	PALE	02	0042	0043	0050	S12	W66	4072	01	28.1	8	SF		3	C			28			
	MANI	02	0042	0043	0051	S10	W67	4072	01	28.1	9	SF		1	V			25	.5		
	LEAR	02	0044	0045	0051	S10	W68	4072	01	28.0	7	SF		3	C			23			
0012		02	0151	01521	0200	S16	E11	4077	02	2.9	9	SF						91	1.5	EJ	
	VORO	02	0151	0152	0200	S16	E11	4077	02	2.9	9	SF			C	0152		143	1.5	EJ	
	LEAR	02	0151	0153	0159	S17	E11	4077	02	2.9	8	SF		3	C			39			
0013	LEAR	02	0310	0310	0315	S17	E11	4077	02	3.0	5	SF		3	C			24			
0014	ABST	02	0614	0616	0625	S16	E06	4077	02	2.7	11	SN			C	0616		174	1.8	EK	
0015	KANZ	02	0929	0929	0935	S18	E06	4077	02	2.8	6	SF		2							

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 <sup>-6</sup> Disk)	Corr (Sq Deg)	
0016	LEAR	02	09542	09542	0958	S17	E07	4077	02	2.9	4	SF	C 1.0	3	C		29		F
	KANZ	02	0956	0956	0959	S17	E07	4077	02	2.9	3	SF		2	C		29		F
0017	CATA	02	1030*	10404	1054	S17	E50	4079	02	6.2	24	SF					95	2.2	E
	KANZ	02	1030	1040	1100	S17	E50	4079	02	6.2	30	1		1	C	1040	140	2.2	
	MONT	02	1042E	1042	1055	S17	E49	4079	02	6.2	13D	SF		3	C				
		02	1042	1044	1048	S17	E50	4079	02	6.2	6	SF			C	1044	50		E
0018	KANZ	02	1047	1052	1140	S18	E04	4077	02	2.7	53	SN					150	1.5	E
	HTPR	02	1042E	1052	1055D	S18	E05	4077	02	2.8	13D	SN		3	C				
		02	1047	1052	1140	S18	E04	4077	02	2.7	53	SF			C	1052	150	1.5	E
0019	HTPR	02	1147		1304D	S19	E02	4077	02	2.6	77D	SF			C	1239	120	1.2	E
0020	HTPR	02	1401	1401	1413	S16	E04	4077	02	2.9	12	SN			C	1401	60	.6	E
0021	HTPR	02	1500	1511	1515	S15	E04	4077	02	2.9	15	SF			C	1511	30	.3	E
0022	HOLL	02	1557	1612	1636	S14	W09	4075	02	2.0	39	SF		3	C		78		F
0023	HOLL	02	1655	1658	1700	S16	E46	4079	02	6.2	5	SF		3	C		20		
0024	HOLL	02	1733	1740	1800	S20	E46	4079	02	6.2	27	SF		3	C		35		
0025	HOLL	02	1808	1809	1815	S21	E46	4079	02	6.3	7	SF		3	C		18		
0026	HOLL	02	18131	1814*	1826	S18	W01	4077	02	2.7	13	SF					36		F
	PALE	02	1813	1814	1823	S18	W00	4077	02	2.7	10	SF		3	C		23		F
		02	1814	1826	1830	S19	W02	4077	02	2.6	16	SF		3	C		48		
0027	HOLL	02	18231	1828	1841	S18	E46	4079	02	6.3	18	SN					21		
	PALE	02	1823	1832U	1851	S20	E47	4079	02	6.4	28	SN		3	C		22		
		02	1824	1828	1831	S15	E45	4079	02	6.2	7	SF		3	C		20		
0028	PALE	02	1843	1844	1856	S19	W01	4077	02	2.7	13	SF		3	C		48		
0029	HOLL	02	2021	2022	2033	S16	E01	4077	02	2.9	12	SN	C 1.0	3	C		65		F
0030	HOLL	02	2221	2223	2232	S18	E43	4079	02	6.2	11	SN	C .9				34		
	PALE	02	2200E	2223	2236	S20	E44	4079	02	6.3	36D	SN	C .9	3	C		42		
		02	2221	2223	2227	S16	E42	4079	02	6.1	6	SF		3	C		25		
0031	VORO	03	01251	01263	0142	S18	W06	4077	02	2.6	17	1N	C 1.1				144	2.4	EFHJK
	LEAR	03	0125	0126	0144	S18	W06	4077	02	2.6	19	1F			C	0126	233	2.4	EHJK
		03	0126	0129	0141	S18	W06	4077	02	2.6	15	SN	C 1.1	3	C		55		F
0032	VORO	03	0203	02057	0216	S18	W04	4077	02	2.8	13	SF					72	.8	DJ
	PURP	03	0203	0205	0217	S18	W04	4077	02	2.8	14	SF			C	0205	125	1.4	DJ
		03	0212E	0212	0216	S18	W03	4077	02	2.9	4D	SF			P	0212	20	.2	
0033	PEKG	03	0235*	0244*	0330	S20	W07	4077	02	2.6	55	SF	C 1.3				44	.5	DF
	PURP	03	0235	0244	0330D	S19	W07	4077	02	2.6	55D	SF			P	0244	42	.4	D
	PALE	03	0240	0309	0344	S20	W07	4077	02	2.6	64	SF			C	0309	60	.6	
	LEAR	03	0257	0319	0330	S19	W07	4077	02	2.6	33	SF	C 1.3	3	C		49		F
		03	0302	0304	0316	S20	W07	4077	02	2.6	14	SF		3	C		27		F
0034	LEAR	03	0350	0351	0358	S13	W14	4075	02	2.1	8	SF		3	C		29		
0035	LEAR	03	05404	0548*	0636	S14	W15	4075	02	2.1	56	1N					196	2.0	EFU
	PURP	03	0540	0550	0659	S14	W15	4075	02	2.1	79	1N		3	C		220		UF
	PEKG	03	0544	0559	0616D	S14	W13	4075	02	2.2	32D	1N			C	0559	265	2.8	
	ABST	03	0545E	0548	0614	S13	W16	4075	02	2.0	29D	SN			P	0548	168	1.8	EU
		03	0600E	0601	0616D	S14	W16	4075	02	2.0	16D	SN			P	0601	131	1.4	E
0036	YUNN	03	0541*	0608*	0808	S17	W07	4077	02	2.7	147	2B	X 4.1				861	8.4	EFKUZ
	YUNN	03	0541	0613	0700D	S18	W07	4077	02	2.7	79D	3B			P		1336	14.2	FKUZ
	LEAR	03	0541	0622	0700D	S17	W07	4077	02	2.7	79D	3B			P		1808	19.1	
	PEKG	03	0543	0619	0842	S19	W08	4077	02	2.6	179	3B	X 4.1	3	C		1432		ZU
	PURP	03	0546	0612	0724	S17	W07	4077	02	2.7	98	2B	X 4.1		C	0612	799	8.4	FU
	ABST	03	0551	0611	0757	S18	W06	4077	02	2.8	126	2B			C	0611	861	9.1	
	MANI	03	0600E	0608	0616D	S17	W06	4077	02	2.8	16D	2B			P	0608	611	6.3	E
	ATHN	03	0609E	0613U	0618D	S17	W07	4077	02	2.7	9D	2B		1	V		750	8.0	FZ
	CATA	03	0635E	0635	0827	S17	W09	4077	02	2.6	112D	2B		3	V	0635	752	7.7	
	HTPR	03	0730E	0730	0735D	S18	W08	4077	02	2.7	5D	1		1	P	0730	253	2.7	
		03	0811E		0904D	S15	W06	4077	02	2.9	53D	SF			C	0838	30	.3	E

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																	Apparent (10 <sup>-6</sup> Disk)	Corr (Sq Deg)		
0037		03	0832*	0834*	0848	S17	E37	4079	02	6.2	16	SF					72	1.7	EF	
	ABST	03	0832	0834	0850	S16	E38	4079	02	6.2	18	SF			C	0834	131	1.7	E	
	LEAR	03	0834	0836	0844	S19	E37	4079	02	6.2	10	SF		3	C		38			
	LEAR	03	0846	0846	0851	S15	E37	4079	02	6.2	5	SF		3	C		47		F	
0038	HTPR	03	1305	1305	1306	S15	W09	4077	02	2.9	1	SB			C	1305	30	.3		
0039	HTPR	03	1310	1311	1315	S07	E30	4082	02	5.8	5	SF			C	1311	40	.4		
0040	HTPR	03	1339	1344	1354	S07	E30	4082	02	5.8	15	SF			C	1344	20	.2		
0041	HTPR	03	1349	1351	1402	S13	E33	4082A	02	6.1	13	SF			C	1351	40	.4	E	
0042	HTPR	03	1420	1424	1433	S18	E36	4079	02	6.3	13	SF			C	1424	40	.4	E	
0043	HTPR	03	1440		1544D	S17	W12	4077	02	2.7	64D	SF			C	1537	200	2.0	E	
0044	HTPR	03	1452	1508	1530	S07	E30	4082	02	5.9	38	SF			C	1508	30	.3		
		03	1818		1835	No Flare Patrol														
0045	RAMY	03	1839E	1839	1840D	S17	W09	4077	02	3.1	1D	IN	C	2.7	3	C		520		EF
		03	1910		1950	No Flare Patrol														
		03	2045		2245	No Flare Patrol														
		03	2250		2253	No Flare Patrol														
0046		04	00131	00142	0036	N07	W65	4071	01	30.2	23	SF					90	.8	DFJ	
	VORO	04	0013	0014	0034	N09	W67	4071	01	30.1	21	SN			C	0014	170		DJ	
	LEAR	04	0014	0016	0038	N08	W66	4071	01	30.2	24	SF		3	C		61		F	
	MANI	04	0018E	0018U	0020D	N05	W63	4071	01	30.4	2D	SF		1	V		40	.8		
0047	LEAR	04	0133	0136	0144	S16	W15	4077	02	2.9	11	SF	C	1.4	3	C		42		F
0048		04	0255*	0309*	0345	S20	W20	4077	02	2.6	50	SF	C	1.4			84	.9	DF	
	PALE	04	0255	0309	0342D	S21	W20	4077	02	2.6	47D	SF	C	1.4	3	C		79		F
	LEAR	04	0305	0309	0335	S21	W20	4077	02	2.6	30	SF	C	1.4	3	C		90		F
	PEKG	04	0318	0321	0355	S19	W21	4077	02	2.5	37	SF			P	0321	84	.9	D	
0049	LEAR	04	0501	0506	0525	S14	E25	4082A	02	6.1	24	SF		3	C		35		F	
0050	LEAR	04	0558	0600	0607	S14	E25	4082A	02	6.1	9	SF		3	C		32		F	
0051	ABST	04	0619	0622	0645	S14	E24	4082A	02	6.1	26	SN			C	0622	174	1.9	FK	
0052	ABST	04	0719	0722	0732	S17	W20	4077	02	2.8	13	SN			C	0722	174	1.9	EK	
0053		04	0801E		0838	S16	W22	4077	02	2.7	37D	SN					105	1.1	E	
	HTPR	04	0801E		0827	S15	W25	4077	02	2.4	26D	SF			C	0817	60	.7	E	
	HTPR	04	0801E		0850	S18	W20	4077	02	2.8	49D	SN			C	0805	150	1.5	E	
0054	HTPR	04	0822	0826	0830	S18	E23	4079	02	6.1	8	SN			C	0826	70	.8	E	
0055		04	0835*	08503	0900	S09	E39	4081	02	7.3	25	SN					74	1.2	F	
	CATA	04	0835	0850	0900	S08	E38	4081	02	7.2	25	1		1	C	0850	169	2.2		
	YUNN	04	0848	0852	0900	S10	E39	4081	02	7.3	12	SN			C		16	.2		
	LEAR	04	0848	0853	0859	S10	E39	4081	02	7.3	11	SF		3	C		38		F	
0056		04	09451	09481	1040	S17	W21	4077	02	2.8	55	SN	C	1.9			50	.5	EF	
	LEAR	04	0945	0949	1012D	S17	W21	4077	02	2.8	27D	SF	C	1.9	3	C		50		F
	HTPR	04	0946	0948	1040	S17	W21	4077	02	2.8	54	SN			C	0948	50	.5	E	
0057		04	0945*	09593	1011	S19	E23	4079	02	6.2	26	SF					23		F	
	KANZ	04	0945	0959	1015	S18	E21	4079	02	6.0	30	SF		1						
	KANZ	04	0959	0959	1009	S19	E24	4079	02	6.2	10	SF		1						
	LEAR	04	0959	1002	1009	S19	E24	4079	02	6.2	10	SF		3	C		23		F	
0058		04	11051	11081	1121	S14	E20	4082A	02	6.0	16	SB					180	1.8	E	
	KANZ	04	1105	1108	1121	S14	E21	4082A	02	6.0	16	SB		1						
	HTPR	04	1106	1109	1121	S13	E20	4082A	02	6.0	15	SB			C	1109	180	1.8	E	

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																Apparent (10 <sup>-6</sup> Disk)	Corr (Sq Deg)		
0059	ATHN	04	1113	1120	1126	S16	E17	4079	02	5.7	13	SN	4	V	1120	191	2.1		
0060	HTPR	04	1335	1339	1343	S15	W11	4077	02	3.7	8	SF		C	1339	30	.3		
0061	04	14001	14031	1438	S18	E24	4079	02	6.4	38	SN				150	1.6	E		
	KANZ	04	1400	1403	1406	S19	E24	4079	02	6.4	6	SF	2						
	HTPR	04	1401	1404	1510	S18	E23	4079	02	6.3	69	SN		C	1404	150	1.6	E	
0062	HTPR	04	1410	1418	1515	S25	E13		02	5.6	65	SF		C	1418	20	.2	E	
0063	HTPR	04	1418	1430	1440	S24	E21	4079	02	6.2	22	SF		C	1420	40	.4		
0064	HTPR	04	1425		1617D	S19	W25	4077	02	2.7	112D	SN		C	1555	120	1.3	E	
0065	HTPR	04	1453	1455	1500	S17	W30	4077	02	2.3	7	SF		C	1455	30	.3	E	
0066	HTPR	04	1600	1606	1612	S16	E18	4079	02	6.0	12	1N		C	1606	220	2.2	E	
	04	1618		1819	No Flare Patrol														
	04	1845		1920	No Flare Patrol														
0067	04	1951	1947	2015	S18	E22	4079	02	6.5	24	SN	C 2.1			110		F		
	PALE	04	1939E	1947	2015	S19	E22	4079	02	6.5	36D	SN	C 2.1	3	C	141		F	
	HOLL	04	1951	1954U	2010D	S18	E22	4079	02	6.5	19D	SN		3	C	80		F	
0068	PALE	04	1940E	1942U	1958	S15	W33	4075	02	2.3	18D	SF		3	C	21			
0069	PALE	04	2008	2019	2021	S18	W26	4077	02	2.8	13	SF		3	C	22			
0070	04	21041	2109	2148D	S08	E11	4082	02	5.7	44D	SN				76		FU		
	HOLL	04	2104	2109	2148D	S07	E09	4082	02	5.5	44D	SN		3	C	87		U	
	PALE	04	2105	2109	2131D	S08	E13	4082	02	5.8	26D	SN		3	C	65		UF	
0071	04	2110	2112	2132	S17	W34	4077	02	2.3	22	SN	C 1.3			52		F		
	PALE	04	2110	2112	2120	S19	W34	4077	02	2.3	10	SF	C 1.3	3	C	31		F	
	HOLL	04	2110	2112	2143	S15	W35	4077	02	2.2	33	SN	C 1.3	3	C	74			
	04	2200		2207	No Flare Patrol														
	04	2217		2234	No Flare Patrol														
	04	2243		2309	No Flare Patrol														
0072	LEAR	04	2350	2350	2404	S19	E17	4079	02	6.3	14	SF	C 1.2	3	C	55		F	
0073	05	00293	00382	0059	S18	E16	4079	02	6.2	30	SN	C 2.1			130		EF		
	MJTK	05	0029	0038	0101	S17	E16	4079	02	6.2	32	SN			0038			E	
	LEAR	05	0032	0040	0057	S19	E16	4079	02	6.2	25	SN	C 2.1	3	C	130		F	
0074	05	01454	01485	0205	S21	W31	4077	02	2.7	20	SN	C 1.4			31	.3	DF		
	LEAR	05	0145	0148	0203	S20	W30	4077	02	2.8	18	SN	C 1.4	3	C	48		F	
	YUNN	05	0149	0153	0205	S20	W32	4077	02	2.6	16	SN			C	31	.4	D	
	PURP	05	0151E	0151	0207	S22	W32	4077	02	2.6	16D	SN		P	0151	13	.2		
0075	05	0309	0310*	0317	S22	W33	4077	02	2.6	8	SF				18	.2	EF		
	LEAR	05	0309	0310	0317	S21	W33	4077	02	2.6	8	SF		3	C	22		F	
	PURP	05	0324E	0324	0324D	S22	W33	4077	02	2.6	8D	SF		P	0324	13	.2	E	
0076	05	03382	03402	0346	S19	E16	4079	02	6.4	8	SN				83	1.2	F		
	LEAR	05	0338	0340	0346	S18	E16	4079	02	6.4	8	SN		3	C	30		F	
	YUNN	05	0340	0341	0347	S18	E16	4079	02	6.4	7	SN			C	173	1.9		
	PURP	05	0341E	0342	0342D	S20	E15	4079	02	6.3	1D	SN		P	0342	46	.5		
0077	YUNN	05	0425	0429	0433	S18	E14	4079	02	6.2	8	SN		C		79	.9	D	
0078	05	04351	0437*	0457	S20	W34	4077	02	2.6	22	1B	C 3.1			146	1.6	EH		
	PEKG	05	0435	0436U	0454	S19	W33	4077	02	2.7	19	1B	C 3.1		C	0436	176	2.2	E
	LEAR	05	0435	0437	0500	S21	W33	4077	02	2.7	25	1B	C 3.1	3	C	198		H	
	YUNN	05	0436	0441	0457	S20	W34	4077	02	2.6	21	SB			C	157	2.0	E	
	PURP	05	0448E	0448	0456	S22	W34	4077	02	2.6	8D	SB		P	0448	53	.7		

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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 <sup>-6</sup> Disk)	Corr (Sq Deg)	
0079		05	0458	05013	0521	S19	E14	4079	02	6.3	23	SN					48	.5	EF
	LEAR	05	0458	0501	0527	S19	E14	4079	02	6.3	29	SN		3	C		51		F
	PURP	05	0501E	0504	0515	S20	E14	4079	02	6.3	14D	SN			C	0504	46	.5	
	PEKG	05	0503E	0503	0512D	S19	E13	4079	02	6.2	9D	SN			P	0503	46	.5	E
0080		05	05556	0557*	0621	S08	E04	4082	02	5.5	26	SF					46	.4	E
	LEAR	05	0555	0557	0614	S08	E06	4082	02	5.7	19	SF		3	C		53		
	PURP	05	0601	0611	0628	S09	E03	4082	02	5.5	27	SF			C	0611	40	.4	E
0081		05	0649*	0700*	0740	S20	W35	4077	02	2.6	51	1B C	6.4				189	2.0	DEFHL
	LEAR	05	0649	0701	0815	S19	W36	4077	02	2.5	86	1B C	6.4	3	C		402		FH
	PEKG	05	0658	0700	0715	S20	W34	4077	02	2.7	17	1B C	6.4		C	0700	176	2.2	E
	YUNN	05	0700	0705	0736	S21	W34	4077	02	2.7	36	1N			C		299	3.8	F
	PURP	05	0704E	0705	0742	S22	W35	4077	02	2.6	38D	1B			C	0705	159	2.1	E
	CATA	05	0715E	0715	0725D	S21	W37	4077	02	2.5	10D	S		1	P	0715	112	1.5	
	ABST	05	0726	0730	0740D	S20	W36	4077	02	2.5	14D	SN			P	0730	87	1.1	D
	ABST	05	0728	0731	0734	S20	W33	4077	02	2.8	6	SN			C	0731	87	1.1	DL
	0082		05	07032	07044	0720	S13	W38	4075	02	2.4	17	SN					63	.5
MANI		05	0702E	0702U	0704D	S12	W33	4075	02	2.8	2D	SB		1	V		40	.5	
LEAR		05	0703	0704	0727	S14	W41	4075	02	2.2	24	SN		3	C		110		H
PURP		05	0705	0708	0712	S14	W40	4075	02	2.3	7	SF			C	0708	40	.5	
0083		05	0720*	07324	0751	S18	E13	4079	02	6.3	31	SF					125	1.8	EF
	LEAR	05	0720	0735	0800	S18	E12	4079	02	6.2	40	SF		3	C		45		F
	YUNN	05	0729	0732	0742	S19	E13	4079	02	6.3	13	SN			P		157	1.7	E
	ABST	05	0734	0736	0740D	S18	E13	4079	02	6.3	6D	SF			P	0736	174	1.9	F
		05	0921		0927	No Flare Patrol													
0084		05	0930	09334	0952	S19	W36	4077	02	2.6	22	1B M	1.7				376		FH
	LEAR	05	0928E	0933	1017D	S19	W35	4077	02	2.7	49D	1B M	1.7	3	C		451		FH
	MONT	05	0930	0937	0952	S19	W37	4077	02	2.6	22	1B			C	0937	300		H
	05	1141		1144	No Flare Patrol														
0085	CATA	05	1210	1210	1210D	S15	W44	4075	02	2.2	22D	S		1	P	1210	56	.8	
	05	1211		1224	No Flare Patrol														
0086	RAMY	05	1303	1337	1358	S21	W38	4077	02	2.6	55	1B M	1.2	3	C		201		EF
0087	RAMY	05	1356	1356	1407	S14	E16	4081	02	6.8	11	SF		3	C		34		
	05	1506		1514	No Flare Patrol														
0088	HOLL	05	1643	1647	1654	S16	E05	4079	02	6.1	11	SN		3	C		46		
0089		05	16542	1740*	1830	S19	W40	4077	02	2.6	96	1B					305		EFK
	HOLL	05	1654	1740	1824	S18	W40	4077	02	2.6	90	1B		3	C		198		K
	HOLL	05	1654	1750	1824	S18	W40	4077	02	2.6	90	1B		3	C		346		FEK
	RAMY	05	1656	1749	1841	S20	W40	4077	02	2.6	105	1B		3	C		370		FE
0090	RAMY	05	1746	1752	1758	S18	E05	4079	02	6.1	12	SN C	9.2	3	C		60		
0091	HOLL	05	1909	1916	1916D	S15	W38	4077	02	2.9	7D	SB		3	C		49		
0092		05	1946	1947	2037	S16	W40	4077	02	2.8	51	SN					27		F
	RAMY	05	1946	1947	2026	S17	W39	4077	02	2.8	40	SF		3	C		24		
	HOLL	05	1946	1947	2048	S16	W40	4077	02	2.8	62	SN		3	C		30		F
0093		05	2108	21367	2208	S17	E04	4079	02	6.2	60	SN					60		FK
	HOLL	05	2108	2136	2208	S19	E04	4079	02	6.2	60	SN		3	C		43		K
	HOLL	05	2108	2143	2208	S19	E04	4079	02	6.2	60	SN		3	C		73		FK
	PALE	05	2145E	2150U	2200D	S13	E03	4082A	02	6.1	15D	SN		3	C		64		
		05	2150		2156	No Flare Patrol													
	05	2201		2208	No Flare Patrol														

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															Apparent (10 <sup>-6</sup> Disk)	Corr (Sq Deg)			
			05 2221	2254	No Flare Patrol														
0094		05 2329	2332*	2401	S14	W53	4075	02	2.0	32	SF	C	1.0			32		FK	
	LEAR	05 2329	2332	2401	S14	W53	4075	02	2.0	32	SF	C	1.0	3	C	28		FK	
	LEAR	05 2329	2353	2401	S14	W53	4075	02	2.0	32	SF			3	C	35		K	
0095	YUNN	06 0308	0311	0315	S20	W43	4077	02	2.8	7	SN				C	63	.9		
0096		06 0511*	0515*	0539	S19	W43	4077	02	2.9	28	1N	C	3.2			197	3.0	EFK	
	LEAR	06 0511	0515	0545	S21	W44	4077	02	2.8	34	SN	C	3.2	3	C	164		F	
	MITK	06 0511	0519	0538	S21	W41	4077	02	3.1	27	SN				C	0519		E	
	YUNN	06 0516	0520	0540	S21	W45	4077	02	2.8	24	1B				P	204	3.0	K	
	YUNN	06 0516	0530	0540	S18	W43	4077	02	2.9	24	1N				P	157	2.2	E	
	PEKG	06 0519E	0521	0532	S21	W43	4077	02	2.9	13D	1N	C	3.2		P	336	4.9	EF	
	PEKG	06 0528	0531	0533D	S14	W42	4077	02	3.0	5D	SN				P	0531	126	1.8	E
0097		06 07457	07502	0759	S16	W45	4077	02	2.9	14	SF					35	.5	EF	
	CATA	06 0745	0750	0800	S17	W44	4077	02	3.0	15	S			2	C	0750	56	.8	
	LEAR	06 0751	0752	0758	S16	W45	4077	02	2.9	7	SF			3	C	27		F	
	PURP	06 0752E	0752	0753D	S16	W45	4077	02	2.9	1D	SF				P	0752	26	.4	E
	MANI	06 0752	0752	0759	S15	W45	4077	02	2.9	7	SF			1	V	30	.4	F	
0098		06 1113E	1115*	1230D	S15	W46	4077	02	3.0	77D	1N					150	2.1	DEH	
	KHAR	06 1113E	1115	1125D	S16	W46	4077	02	3.0	12D	SF				P	1115		DH	
	KHAR	06 1137E	1157	1230D	S14	W45	4077	02	3.1	53D	1N				P	1157	150	2.1	E
0099	KHAR	06 1154E		1214D	S14	W07	4079	02	6.0	20D	SF				P	1154	120	1.2	E
			06 1231	1433	No Flare Patrol														
			06 1535	1545	No Flare Patrol														
0100	HOLL	06 1807	1807	1820	S21	W08	4079	02	6.1	13	SF			3	C	39		F	
0101		06 1843*	18551	1914	S17	W09	4079	02	6.1	31	SF	C	.9			77		F	
	HOLL	06 1843	1855	1925	S18	W09	4079	02	6.1	42	SN	C	.9	3	C	131		F	
	PALE	06 1854	1855	1901	S17	W09	4079	02	6.1	7	SF	C	.9	3	C	25		F	
	RAMY	06 1855	1856	1916	S17	W10	4079	02	6.0	21	SF	C	.9	3	C	76		F	
0102		06 2107	21009	2116	S14	W62	4075	02	2.2	9	SF					28			
	HOLL	06 2055E	2100	2120	S12	W59	4075	02	2.4	25D	SF			3	C	24			
	PALE	06 2107	2109	2112	S15	W64	4075	02	2.0	5	SF			3	C	33			
			06 2221	2301	No Flare Patrol														
0103	LEAR	07 0527	0531	0535	S08	W21	4082	02	5.6	8	SF	C	.8	3	C	34			
0104		07 0820*	0820*	0834	S18	W60	4077	02	2.8	14	SF					17			
	LEAR	07 0820	0820	0826	S19	W61	4077	02	2.7	6	SF			3	C	18			
	LEAR	07 0831	0831	0841	S16	W58	4077	02	2.9	10	SF			3	C	16			
0105	CATA	07 1155	1200	1200D	S25	W61		02	2.8	5D	S			2	P	1200	56	1.2	
0106	KAND	07 1227	1229	1229	S17	W15	4079	02	6.4	2	SF				C	35	.4	D	
0107	HOLL	07 1547	1548	1552	S11	W06	4081	02	7.2	5	SF	C	.6	3	C	46		F	
0108	HOLL	07 2043	2057	2108	S13	W63	4077	02	3.1	25	SF			3	C	16		F	
0109	LEAR	08 0508	0509	0511D	S09	W16	4081	02	7.0	3D	SF	C	.7	3	C	91		U	
0110		08 07519	07573	0814	S09	W13	4081	02	7.3	23	SN					84	.9	EFK	
	KAND	08 0751	0758	0808	S09	W13	4081	02	7.3	17	SN				C	31	.3	E	
	YUNN	08 0753	0800	0809	S08	W13	4081	02	7.3	16	SN				C	63	.7	E	
	ISTA	08 0754		0809	S08	W12	4081	02	7.4	15	SB							E	
	HTPR	08 0755E		0818	S10	W12	4081	02	7.4	23D	SN				C	0800	80	.8	E
	ABST	08 0755	0757	0830	S10	W15	4081	02	7.2	35	SN				C	0757	174	1.8	FK
	LEAR	08 0755	0759	0812	S09	W13	4081	02	7.3	17	SF			3	C	43		F	
	CATA	08 0800	0800	0800D	S10	W12	4081	02	7.4	17D	S			2	P	0800	112	1.2	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Area Measurement			Remarks
																Time (UT)	Apparent (10 <sup>-6</sup> Disk)	Corr (Sq Deg)	
0111	ABST	08	0852	0853	0900	S10	W18	4081	02	7.0	8	SF			C	0853	174	1.9	EV
0112	LEAR	08	0948	0955	1005	S19	W75	4077	02	2.7	17	SF		3	C				
0113	HTPR	08	1122	1125	1133	S10	W14	4081	02	7.4	11	SF			C	1125	40	.4	
			08 1203		1204	No Flare Patrol													
			08 2124		2133	No Flare Patrol													
			08 2152		2204	No Flare Patrol													
			08 2227		2255	No Flare Patrol													
0114		08	2241	2241	2306	S17	W80	4077	02	2.9	25	SF							F
	PALE	08	2241	2241	2248	S18	W80	4077	02	2.8	7	SF		3	C				F
	LEAR	08	2308E	2309U	2323	S16	W80	4077	02	2.9	15D	SF		3	C				
0115	LEAR	09	0557	0557	0601	S16	W77	4077	02	3.4	4	SF		3	C		11		
0116		09	0602*	0604*	0620	S10	W28	4081	02	7.1	18	SN					92	1.1	E
	ABST	09	0602	0604	0608	S04	W30	4081	02	7.0	6	SN			C	0604	131	1.5	E
	LEAR	09	0603	0605	0612	S12	W30	4081	02	7.0	9	SF		3	C		77		
	YUNN	09	0610E	0610U	0626	S12	W29	4081	02	7.1	16D	SN			P	0610	31	.4	E
	ABST	09	0618	0624	0636	S10	W25	4081	02	7.4	18	SN			C	0624	131	1.4	E
0117	ISTA	09	0730		0925	S17	W90	4077	02	2.5	115	N							A
0118	HTPR	09	0810		0858D	S18	W44	4079	02	6.0	48D	SF			C	0830	30	.4	
0119	HOLL	09	1851	1900	1910	S12	W89	4077	02	3.1	19	SF			C				
0120	HOLL	09	2046	2047	2049	S12	W91	4077	02	3.0	3	SF			C				
0121	HOLL	09	2105E	2114	2131	S15	W77		02	4.0	26D	SF			C				
0122	ISTA	10	0824		0833	S19	W90	4077	02	3.5	9	SB							A
0123	HTPR	10	0949	0951	0957	S16	W60	4079	02	5.8	8	SN			C	0951	30	.6	
0124	KAND	10	1020	1023	1031	S08	W63	4084	02	5.7	11	SN			C		27	.6	D
0125	HTPR	10	1408	1420	1500	N15	W21		02	9.0	52	SF			C	1420	100	1.0	EI
0126		10	1751	1803	1818	S11	W45	4081	02	7.3	27	SN	C	.6			72		F
	RAMY	10	1751	1803	1817	S12	W45	4081	02	7.3	26	SN	C	.6	3	C	60		
	HOLL	10	1804E	1806U	1818	S10	W45	4081	02	7.4	14D	SN	C	.6	3	C	85		F
0127		11	00598	01071	0115	S06	W76		02	5.3	16	SF	C	1.0			296		DFHJK
	YORO	11	0059	0108	0118	S05	W79		02	5.1	19	1F			C	0108	296		DHJK
	LEAR	11	0105	0107	0114	S06	W75		02	5.4	9	SF	C	1.0	3	C			F
	PALE	11	0107	0108	0112	S07	W75		02	5.4	5	SF	C	1.0	3	C			
			11 1227		1229	No Flare Patrol													
0128	RAMY	11	1440	1441	1448	S11	W55		02	7.5	8	SF			C		22		
0129		12	0103	01032	0108	S20	W87	4079	02	5.4	5	SF	C	.6			143		DHJ
	LEAR	12	0103	0103	0109	S20	W84	4079	02	5.6	6	SF	C	.6	3	C			H
	VORO	12	0103	0105	0108	S21	W90	4079	02	5.1	5	SF			C	0105	143		DHJ
0130	KANZ	12	1127	1131	1137	S21	W79	4079	02	6.4	10	SN		1					
0131		12	2050E	2204U	2224	S18	W50		02	9.1	94D	SF					58		SU
	PALE	12	2050E	2212U	2225	S20	W50		02	9.0	95D	SF			C		58		US
	HOLL	12	2200E	2204U	2223	S15	W50		02	9.1	23D	SF			C		58		US
0132		12	2259E	2300	2320	S17	W50		02	9.1	21D	SF					54	.8	
	MANI	12	2259E	2300	2320	S17	W51		02	9.1	21D	SF		1	V		50	.8	
	LEAR	12	2303E	2303U	2319	S17	W50		02	9.2	16D	SF		3	C		58		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks			
																	(10 <sup>-6</sup> Disk)	Apparent Corr (Sq Deg)				
			13 1918		1925			No Flare Patrol														
			14 1325		1436			No Flare Patrol														
			14 1600		1621			No Flare Patrol														
			14 1652		1705			No Flare Patrol														
			14 1741		1743			No Flare Patrol														
			14 2031		2049			No Flare Patrol														
0133		16	07114	07132	0733	S20	E48	4090	02	20.0	22	1F	C	.2			98	2.7	EF			
	ABST	16	0711	0713	0742	S21	E46	4090	02	19.8	31	1F			P	0713	175	2.7	E			
	LEAR	16	0715	0715	0724	S18	E49	4090	02	20.0	9	SF	C	.2	3	C	21		F			
0134	KANZ	16	1020	1023	1030	S14	W12		02	15.5	10	SF							G			
		16	1830		1842			No Flare Patrol														
		16	2102		2150			No Flare Patrol														
		16	2212		2258			No Flare Patrol														
		16	2325		2331			No Flare Patrol														
0135	KANZ	17	0741E		0804	S16	E37	4090	02	20.1	23D	SF										
0136	KANZ	17	1016	1026	1042	S15	E35	4090	02	20.1	26	SF										
		17	1704		1746			No Flare Patrol														
0137		18	00337	0041*	0055	S16	E26	4090	02	20.0	22	SN					34	.5				
	PURP	18	0033	0051	0215D	S17	E26	4090	02	20.0	102D	SN			C	0051	40	.5				
	PALE	18	0040	0041	0055	S15	E27	4090	02	20.1	15	SF					29					
0138		18	0632	0608*	0645	S17	E24	4090	02	20.1	13	SN	C	.6			72	1.1	DFJK			
	ABST	18	0600E	0608	0645	S17	E25	4090	02	20.1	45D	SN			P	0608	96	1.1	DJK			
	LEAR	18	0632	0635	0648D	S17	E23	4090	02	20.0	16D	SF	C	.6	2	C	47		F			
0139	KANZ	18	1024	1047	1054	S16	E22	4090	02	20.1	30	SF										
0140		18	11112	11141	1122	S16	E20	4090	02	20.0	11	SF					30	.3				
	KANZ	18	1111	1114	1124	S15	E21	4090	02	20.0	13	SF										
	HTPR	18	1113	1115	1120	S16	E20	4090	02	20.0	7	SF			C	1115	30	.3				
0141		18	1203*	12283	1237	S16	E20	4090	02	20.0	34	SF					23					
	RAMY	18	1203	1231	1240	S16	E20	4090	02	20.0	37	SF					23					
	KANZ	18	1228	1228	1234	S16	E20	4090	02	20.0	6	SF										
0142		18	13045	1311	1314	S16	E20	4090	02	20.1	10	SF	C	.3			26					
	KANZ	18	1304	1311	1314	S16	E20	4090	02	20.1	10	SF										
	RAMY	18	1309	1311	1315	S17	E20	4090	02	20.1	6	SF	C	.3	3	C	26					
0143		18	13353	13402	1354	S16	E20	4090	02	20.1	19	SN	C	.5			32	.4	EF			
	HTPR	18	1335	1341	1400	S16	E19	4090	02	20.0	25	SN					40	.4	E			
	KANZ	18	1337	1340	1357	S16	E20	4090	02	20.1	20	SN										
	WEND	18	1338	1340	1352	S16	E20	4090	02	20.1	14	SN	C	.5			28	.3				
	RAMY	18	1338	1342	1345	S17	E20	4090	02	20.1	7	SN	C	.5	3	C	28		F			
0144		18	1551	1553*	1618	S16	E18	4090	02	20.0	27	SN	C	.6			50		FK			
	HOLL	18	1551	1553	1618	S16	E18	4090	02	20.0	27	SN	C	.6	3	C	63		FK			
	HOLL	18	1551	1606	1618	S16	E18	4090	02	20.0	27	SF					38		K			
0145	HOLL	18	1644E	1648	1654	S16	E17	4090	02	20.0	10D	SF	C	.6	2	C	90		F			
0146	KANZ	19	1146	1146	1152	S16	E06	4090	02	19.9	6	SF										
0147	ABST	20	0659	0703	0715D	N14	E80	4094	02	26.3	16D	1F					87		D			
0148		20	0704	0706*	0720	S16	W04	4090	02	20.0	16	SN					56	.7	DEK			
	ABST	20	0704	0707	0721	S17	W04	4090	02	20.0	17	SN					87	.9	D			
	PEKG	20	0706E	0706	0719	S16	W04	4090	02	20.0	13D	SN			C	0706	67	.7	EK			
	PEKG	20	0706E	0716	0719	S16	W04	4090	02	20.0	13D	SF			C	0716	34	.4	E			
	LEAR	20	0716E	0717	0723	S16	W04	4090	02	20.0	7D	SF					35					



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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 <sup>-6</sup> Disk)	Corr (Sq Deg)			
0149	LEAR	20	0750E	0750	0800	S17	W05	4090	02	19.9	10D	SF	C	.3	3	C		30			F
0150	KANZ	20	1429	1432	1442	S07	E25	4095	02	22.5	13	SF			3						G
0151	HOLL	20	2228	2228	2239	N12	E65	4094	02	25.8	11	SF			3	C		15			
0152	ABST	22	0738	0744	0748	N23	E51	4096	02	26.2	10	SF				C	0744	87	1.6		D
0153	HTPR	22	0811	0813	0820	N14	E47	4094	02	25.9	9	SF				C	0813	40	.6		E
0154	HOLL	22	2124E	2124U	2132	S10	E18	4092	02	24.2	8D	SN			3	C		70			F
0155	VORO	23	0038	0040	0109	S10	E16	4092	02	24.2	31	SF				C	0040	72	.8		DJ
0156	KANZ	23	0829	0829	0832	N12	E34	4094	02	25.9	3	SF			1						
0157	KANZ	23	1339	1346	1349	N13	E31	4094	02	25.9	10	SF			1						
0158	KANZ	23	1445	1508	1521D	N13	E29	4094	02	25.8	36D	SN			3						L
		23	1858		1901	No Flare Patrol															
0159	PALE	23	2103	2110	2120	S12	E76	4098	03	1.6	17	SN	C	2.7	3	C					F
0160	PALE	24	0351	0352	0353	S15	E70	4098	03	1.4	2	SF			3	C		43			
0161	KANZ	24	0848	0852	0856	N13	E20	4094	02	25.9	8	SF			2						
0162	KANZ	24	1417	1421	1436	S16	E61	4103	03	1.2	19	SF			2						
0163	PALE	24	1845	1848	1922	S13	E63	4098	03	1.5	37	1N	C	3.0	3	C		144			F
0164	PALE	24	2011	2014	2019	S12	E63	4098	03	1.6	8	SF			3	C		15			
		24	2019		2024	No Flare Patrol															
		24	2042		2049	No Flare Patrol															
0165		25	0736Z	0738Z	0746	N11	E05	4094	02	25.7	10	SN						61	.8		DFHL
	ABST	25	0736	0738	0748	N12	E05	4094	02	25.7	12	SN				C	0738	105	1.1		DH
	PURP	25	0738E	0738	0743	N11	E05	4094	02	25.7	5D	SF				C	0738	40	.4		
	KANZ	25	0738	0738	0750	N11	E06	4094	02	25.8	12	SN			3						L
	LEAR	25	0738	0740	0745	N10	E05	4094	02	25.7	7	SF			3	C		38			F
0166	ABST	25	0845	0852	0902D	S09	E01	4100	02	25.4	17D	SF				P	0852	140	1.4		EJ
0167	KANZ	25	0848	0856	0900	S09	W15	4092	02	24.2	12	SF			3						
0168	KANZ	25	0904	0912	0924	S17	E56	4098	03	1.6	20	SN			3						
0169	KANZ	25	1029	1032	1040	S09	W01	4100	02	25.4	11	SF			3						
0170	KANZ	25	1250	1254	1306	S13	E55	4098	03	1.7	16	SF			2						
		25	1438		1526	No Flare Patrol															
		25	1546		1559	No Flare Patrol															
		25	1606		1730	No Flare Patrol															
		25	1805		1810	No Flare Patrol															
0171	HOLL	25	1831	1836	1839	S22	E50	4098	03	1.6	8	SF			3	C		29			
0172		25	2028I	2032	2143	S21	E49	4098	03	1.6	75	1B	C	4.5				300			U
	PALE	25	2028	2032	2143	S21	E50	4098	03	1.7	75	1B	C	4.5	3	C		307			U
	HOLL	25	2029	2032	2041D	S21	E48	4098	03	1.5	12D	1B	C	4.5	3	C		293			U
0173	PALE	25	2221	2223	2235	N16	E45	4097	03	1.3	14	SF	C	1.0	3	C		26			
0174		26	0245I	0245Z	0252	N15	E41	4097	03	1.2	7	SN	C	.7				46	.7		F
	LEAR	26	0245	0245	0253	N15	E41	4097	03	1.2	8	SF	C	.7	3	C		44			F
	YUNN	26	0246	0247	0251	N15	E41	4097	03	1.2	5	SN				C		47	.7		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/	CMP	Dur	Imp	Obs	Time	Area Measurement		Remarks	
								USAF Region						Mo	Day		(Min)
0175	KANZ	26	0900	0907	0919	N11	W07	4094	02	25.8	19	SF		3			
0176	KANZ	26	0941	0945	1000	N16	W09	4100A	02	25.7	19	SF		3			
0177	KANZ	26	1444E		1444D	S14	E44	4098	03	1.9	19D	SN		2			
		26	1635		1659												No Flare Patrol
		26	1716		1725												No Flare Patrol
0178		26	2240I	2244	2330	N12	W15	4094	02	25.8	50	SN C	1.4		66		FU
	HOLL	26	2240	2244	2330	N13	W15	4094	02	25.8	50	SN C	1.4	3	87		UF
	PALE	26	2241	2244U	2249D	N12	W15	4094	02	25.8	8D	SF C	1.4	3	45		F
0179	VORO	26	2325E	2327	2419	S18	E17	4101A	02	28.3	54D	SN			90	1.0	CDIJ
0180	VORO	26	2325E	2328	2405	S12	E36	4098	03	1.7	40D	SN			116	1.5	CDIJ
0181	LEAR	27	0259	0259	0306	S09	W25	4100	02	25.2	7	SF		3	30		F
0182		27	0330I	0331	0340	S16	E26	4103	03	1.1	10	SF			28		
	LEAR	27	0330	0331	0342	S17	E26	4103	03	1.1	12	SF		3	25		
	PALE	27	0331	0331	0337	S15	E25	4103	03	1.0	6	SF		3	32		
0183	LEAR	27	0548	0550	0557	S17	E25	4103	03	1.1	9	SF		3	30		F
0184	LEAR	27	0636	0636	0653	S17	E24	4103	03	1.1	17	SF C	1.3	3	34		F
0185	YUNN	27	0638	0642	0651D	S10	E89	4102	03	6.0	13D						A
0186	YUNN	27	0800	0810	0811D	S16	E24	4103	03	1.1	11D	SN			31	.4	
0187	LEAR	27	0820	0820	0828	S14	E77	4102	03	5.2	8	SF C	.8	3			
0188		27	0845	0851B	0914	S17	E24	4103	03	1.2	29	SN C	1.0		58	.8	EF
	LEAR	27	0845	0851	0917	S17	E24	4103	03	1.2	32	SF C	1.0	3	51		F
	KAND	27	0845E	0859	0912	S17	E23	4103	03	1.1	27D	SB			66	.8	E
0189	LEAR	27	0923	0923	0929	S13	E76	4102	03	5.1	6	SF C	.9	3			
		27	1438		1449												No Flare Patrol
0190	HOLL	27	1538	1538	1601	S09	W68	4095	02	22.5	23	SF		3	16		
		27	1639		1649												No Flare Patrol
		27	1659		1716												No Flare Patrol
0191	PALE	27	1810	1831	1834	S13	W66	4095	02	22.8	24	SF		3	16		
0192		27	19045	19092	1922	S11	W66	4095	02	22.8	18	SF			28		
	PALE	27	1904	1909	1925	S11	W66	4095	02	22.8	21	SF		3	28		
	HOLL	27	1909	1911	1918	S11	W65	4095	02	22.9	9	SF		3	27		
0193		27	19408	1949*	2028	S12	W65	4095	02	22.9	48	SN			26		K
	HOLL	27	1940	1949	2038	S11	W66	4095	02	22.8	58	SN		3	25		K
	HOLL	27	1940	2008	2038	S11	W66	4095	02	22.8	58	SN		3	29		K
	PALE	27	1948	1949	2009	S13	W64	4095	02	23.0	21	SF		3	24		
0194	HOLL	27	2049	2103	2115	S10	W62	4095	02	23.2	26	SF		3	29		
0195	HOLL	27	2145	2157	2202	S11	W66	4095	02	22.9	17	SN		3	42		
0196		27	2152	2157	2244	S16	E68	4102	03	5.1	52	1N C	3.7		108		F
	HOLL	27	2152	2157	2244	S16	E67	4102	03	5.0	52	SN C	3.7	3	95		F
	PALE	27	2158E	2200U	2206D	S15	E69	4102	03	5.1	8D	1N C	3.7	3	121		F
0197		27	2339I	2342I	2351	S10	W64	4095	02	23.2	12	1N			56	2.4	EFJ
	VORO	27	2339	2343	2353	S10	W60	4095	02	23.5	14	1N			90	2.4	EJ
	LEAR	27	2340	2342	2349	S11	W69	4095	02	22.8	9	SF		3	21		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks	
																(10 <sup>-6</sup> Disk)	Apparent Corr (Sq Deg)		
0198	27	23535	23591	2416	N15 E17	4097	03	1.3	23	SN	C	2.4				126	2.1	EFJ	
	LEAR	27	2353	2413	N15 E17	4097	03	1.3	20	SN	C	2.4	3	C		100		F	
	HOLL	27	2353	2359	2415	N15 E16	4097	03	1.2	22	SB	C	2.4	3	C		118		F
	VORO	27	2358	2400	2419	N16 E17	4097	03	1.3	21	IN				2400	161	2.1	EJ	
0199	LEAR	28	0122	0123	0128	S15 E21	4098	03	1.6	6	SF		3	C			35		
0200	VORO	28	0158	0159	0205	S15 E14	4103	03	1.1	7	SF			C	0159		90	1.0	EIJ
0201	LEAR	28	0439	0441	0444	N13 W31	4094	02	25.8	5	SF		3	C			31		
0202	LEAR	28	0606	0610	0618	S14 E64	4102	03	5.1	12	SF		3	C			33		F
0203	LEAR	28	0809	0811	0823	S14 E63	4102	03	5.1	14	SF		3	C			29		F
0204	LEAR	28	0841	0843	0854	S14 E18	4098	03	1.7	13	SN		3	C			37		
0205	KHAR	28	0905E	0906	0917D	S06 W45	4100	02	25.0	12D	SF			P	0906				DH
0206	KHAR	28	0930E		0934D	N14 W39	4094	02	25.4	4D	SF			V	0930				DH
0207	KHAR	28	1022E		1030D	S06 W45	4100	02	25.1	8D	SF			V	1022				DH
0208	KHAR	28	1130E		1143D	S13 E16	4098	03	1.7	13D	SF			P	1133				E
			1211		1239	No Flare Patrol													
0209	28	1234	12452	1251	S14 E16	4098	03	1.7	17	SF						45	.6		
	RAMY	28	1234	1247	1251	S14 E16	4098	03	1.7	17	SF		3	C		34			
	CATA	28	1240E	1245	1245D	S13 E16	4098	03	1.7	5D	S		1	P	1245	56	.6		
0210	RAMY	28	1318	1320	1331	S22 E72	4104	03	6.1	13	SF	C	1.0	3	C			20	
0211	28	1425	14274	1444	S15 E14	4098	03	1.7	19	SF	C	2.1				76		F	
	RAMY	28	1425	1427	1444	S15 E14	4098	03	1.7	19	SF	C	2.1	3	C		86		
	HOLL	28	1428E	1431	1444	S15 E14	4098	03	1.7	16D	SF		3	C		67		F	
0212	RAMY	28	1428	1431	1436	S22 E69	4104	03	5.9	8	SF		3	C			16		
0213	28	1525	1525	1545	S15 E14	4098	03	1.7	20	SF						54			
	RAMY	28	1525	1525	1545	S15 E14	4098	03	1.7	20	SF		3	C		53			
	HOLL	28	1525	1525	1545	S15 E14	4098	03	1.7	20	SF		3	C		55			
0214	HOLL	28	1602	1606	1618	N15 W37	4094	02	25.9	16	SF		3	C			18		
0215	28	1621	1621	1638	S15 E13	4098	03	1.7	17	SF						26		F	
	HOLL	28	1621	1621	1636	S15 E13	4098	03	1.7	15	SF		3	C		22			
	RAMY	28	1621	1621	1639	S15 E13	4098	03	1.7	18	SF		3	C		31		F	
0216	28	17579	18035	1812	N11 W42	4094	02	25.6	15	SF						25			
	HOLL	28	1757	1803	1816	N12 W42	4094	02	25.6	19	SF		3	C		27			
	PALE	28	1806	1808	1808	N10 W43	4094	02	25.5	2	SF		2	C		23			
0217	PALE	28	1812	1818	1824	S19 E68	4104	03	5.9	12	SF		2	C			73		
0218	28	20131	20154	2032	S21 E68	4104	03	6.0	19	SF						29			
	RAMY	28	2013	2019	2030	S21 E68	4104	03	6.0	17	SF		3	C		34			
	HOLL	28	2014	2015	2036	S22 E70	4104	03	6.2	22	SN		3	C		13			
	PALE	28	2014	2019	2031	S20 E67	4104	03	6.0	17	SF		3	C		39			
0219	PALE	28	2233	2234	2241	S12 E54	4102	03	5.0	8	SF	C	1.3	3	C			40	F
0220	LEAR	28	2323	2324	2329	S12 W81	4095	02	22.9	6	SF		3	C					