

H - ALPHA SOLAR FLARES

95  
Sep 82

SEPTEMBER 1982

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 Apparent (10-6 Disk)	Measurement Corr (Sq Deg)	Remarks
0001		01	00311	00341	0038	N08	W53	3881	08	28.1	7	SF					28	.5	
	CULG	01	0031	0035	0038	N09	W53	3881	08	28.1	7	SF				0035	30	.5	
	HOLL	01	0032	0034	0038	N06	W53	3881	08	28.1	6	SF		3	C		26		
0002		01	00361	00371	0041	S17	E40	3883	09	4.1	5	SF					55	.9	DJ
	VORO	01	0036		0038D	S18	E40	3883	09	4.1	2D	SF			P	0036	90	1.3	DJ
	CULG	01	0037	0037	0041	S17	E40	3883	09	4.1	4	SN			C	0037	40	.5	
	HOLL	01	0037	0038	0048D	S16	E41	3883	09	4.1	11D	SF		3	C		35		
0003	CULG	01	0121	0123	0127	S12	W38	3875A	08	29.3	6	SF			C	0123	50	.7	
0004		01	0248*	0254*	0338	N12	E14	3880	09	2.2	50	1N					302	3.2	EFJKSU
	VORO	01	0248		0300D	N12	E14	3880	09	2.2	12D	SN			P	0256	152	1.6	EJK
	CULG	01	0248	0254	0343	N12	E15	3880	09	2.2	55	SB			C	0254	180	1.8	SF
	TACH	01	0316	0318	0332	N11	E14	3880	09	2.2	16	2N			C	0318	575	6.2	EU
0005	CULG	01	0326	0330	0352	N06	W56	3881	08	28.0	26	SB			C	0330	20	.3	
0006	CULG	01	0507	0512	0543	N17	E72	3886	09	6.7	36	1F			C	0512	140		
0007		01	0730*	0744*	0833	N13	E76	3886	09	7.0	63	2N	M 3.3				750		AEIKRTUZ
	MITK	01	0730	0746	0805	N15	E74	3886	09	6.9	35	3N			C	0746	720		E
	LEAR	01	0731	0746	0928D	N11	E78	3886	09	7.2	117D	4B	M 3.3	3	C				ZUK
	LEAR	01	0731	0859	0928D	N11	E78	3886	09	7.2	117D	2N		3	C				K
	BUCA	01	0740	0744	0800	N16	E74	3886	09	6.9	20	3N			C	0744	537		
	YUNN	01	0740E	0751U	0817D	N13	E72	3886	09	6.7	37D	3B			P	0751	865		R
	CATA	01	0740	0755	0815D	N15	E80	3886	09	7.4	35D	3		1	P	0755	1405		A
	HTPR	01	0804E		1000D	N15	E74	3886	09	6.9	116D	1N			C	0850	300		EI
	KAND	01	0817E	0908	0934	N08	E80	3886	09	7.3	77D	1N			C				ART
	CATA	01	0825E	0840	0935D	N13	E75	3886	09	7.0	70D	3		2	P	0840	674		
0008	KHAR	01	0817E		0928D	N07	E68	3885B	09	6.4	71D	3N			V	0852			EFHI
0009		01	08241	0827	0834	S05	E39	3882	09	4.3	10	SN					68	1.3	E
	HTPR	01	0824	0827	0836	S05	E39	3882	09	4.3	12	SN			C	0826	100	1.3	E
	LEAR	01	0825	0827	0831	S05	E39	3882	09	4.3	6	SF		3	C		35		
0010	HTPR	01	0917	0927	0947	N10	E49	3885	09	5.1	30	SF			C	0927	20	.3	
0011	HTPR	01	0943	0948	0958	S20	E37	3883	09	4.2	15	SF			C	0948	50	.6	
0012	HTPR	01	0953	1000	1025	S20	E30	3883	09	3.7	32	SN			C	1000	100	1.1	E
0013	KHAR	01	1047E		1112D	S20	E37	3883	09	4.3	25D	SF			V	1047			H
0014	KHAR	01	1105E	1106U	1114D	N14	E09	3891	09	2.1	9D	SN			V	1109			H
0015		01	1136	1136	1146	S05	E35	3882	09	4.1	10	SF					53	.8	E
	RAMY	01	1136	1136	1146	S03	E36	3882	09	4.2	10	SN		3	C		36		E
	KHAR	01	1137E		1142D	S06	E36	3882	09	4.2	5D	SF			V	1140			E
	HTPR	01	1138E		1146D	S05	E34	3882	09	4.0	8D	SF			C	1139	70	.8	E
0016	KHAR	01	1148E		1200D	S20	E37	3883	09	4.3	12D	SF			V	1148			
0017	HOLL	01	1527	1527	1536	N10	W62	3881	08	28.1	9	SF		3	C		13		
0018	RAMY	01	1550	1551	1551D	N19	E67	3886	09	6.8	1D	SB		3	C		17		
0019	HOLL	01	1830	1830	1839	N13	E69	3886	09	7.0	9	SF		3	C		14		F
0020		01	21271	21291	2144	S04	E33	3882	09	4.4	17	SN	C 2.0				89	1.0	F
	CULG	01	2127	2130	2131	S03	E33	3882	09	4.3	4	SN			C	2130	80	.9	F
	HOLL	01	2128	2129	2142	S05	E33	3882	09	4.4	14	SN	C 2.0	3	C		98		F
	BIGB	01	2128	2130	2200	S05	E33	3882	09	4.4	32	SN	C 2.0	3	C	2130	90	1.1	
0021	CULG	01	2316	2320	2726	S04	E31	3882	09	4.3	250	SB			C	2320	100	1.2	
0022	BIGB	02	0002	0003	0005	S07	E30	3883A	09	4.2	3	SF		3	C		60	.7	

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															Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0023	PURP	02	0052	0108U	0133	N08	W66	3881	08	28.2	41	SN		C	0108	19		D	
0024		02	01303	01331	0139	S05	E30	3883A	09	4.3	9	SN				45	.6	EF	
	PURP	02	0130	0133	0138	S06	E30	3883A	09	4.3	8	SB		C	0133	52	.6	E	
	CULG	02	0131	0133	0138	S03	E30	3883A	09	4.3	7	SN		C	0133	50	.6	F	
	LEAR	02	0133	0134	0141	S05	E31	3883A	09	4.4	8	SN	3	C		32		F	
0025	LEAR	02	0148	0150	0156	S18	E21	3883	09	3.7	8	SF		C		21			
0026		02	02191	0222	0234	S19	E26	3883	09	4.1	15	SN	C 1.9			82	.8	EF	
	LEAR	02	0219	0222	0236	S19	E26	3883	09	4.1	17	SF	C 1.9	3	C	101			
	CULG	02	0219	0222	0238	S18	E25	3883	09	4.0	19	SB		C	0222	120	1.4	F	
	PURP	02	0220	0222	0228	S21	E26	3883	09	4.1	8	SN		C	0222	26	.3	E	
0027		02	03001	03018	0328	N17	E70	3886B	09	7.4	28	SF	C 2.0			92		FW	
	CULG	02	0300	0305	0324	N20	E67	3886B	09	7.2	24	1F		C	0305	120		F	
	LEAR	02	0301	0301	0333	N15	E72	3886B	09	7.6	32	SF	C 2.0	3	C	72		F	
	PURP	02	0301	0309	0314D	N17	E70	3886B	09	7.4	13D	SF		P	0309	84		W	
0028	CULG	02	0305	0306	0310	N10	E46	3885	09	5.6	5	SN		C	0306	40	.6		
0029	CULG	02	0350	0355	0401	S04	E27	3883A	09	4.2	11	SF		C	0355	50	.6		
0030		02	03561	0400	0410	N14	E66	3886	09	7.1	14	SN				70	1.6		
	LEAR	02	0356	0400	0415	N13	E67	3886	09	7.2	19	SF		3	C	70			
	CULG	02	0357	0400	0406	N15	E65	3886	09	7.1	9	SN		C	0400	70	1.6		
0031	LEAR	02	0357	0359	0418	N09	W67	3881	08	28.2	21	SF		3	C	17			
0032		02	0616	06161	0626	N12	E62	3886	09	6.9	10	SF				56	1.4	D	
	ABST	02	0616	0616	0625	N12	E60	3886	09	6.8	9	SF		C	0616	87	1.9	D	
	LEAR	02	0616	0617	0624	N11	E64	3886	09	7.1	8	SF		3	C	32			
	CULG	02	0616	0617	0628	N13	E63	3886	09	7.0	12	SN		C	0617	50	1.0		
0033	LEAR	02	0701	0701	0722	N14	E60	3886	09	6.8	21	SF		3	C	16			
		02	0714		0720	No Flare Patrol													
0034	KHAR	02	0837E		0843D	N15	E64	3886	09	7.2	6D	SF		P	0837	90			
0035	KHAR	02	0900E	0920U	0947D	N15	E60	3886	09	6.9	47D	SF		P	0923	70	1.4	E	
0036		02	0921	0924	0927D	N07	W74	3881	08	27.9	6D	SF				30		D	
	KHAR	02	0920E		0927D	N06	W77	3881	08	27.7	7D	SF		P	0923	40		D	
	LEAR	02	0921	0924	0926D	N08	W70	3881	08	28.2	5D	SF		3	C	19			
0037	HTPR	02	1155	1205	1232	S22	E19	3883	09	3.9	37	SF		C	1205	30	.3	E	
0038		02	1259*	1305*	1315	N14	E58	3886	09	6.9	16	2N	C 4.8			375	2.3	EF	
	HTPR	02	1259	1305	1315	N14	E58	3886	09	6.9	16	1N		C	1305	120	2.3	E	
	RAMY	02	1318	1355	1736D	N14	E58	3886	09	6.9	258D	2N	C 4.8	3	C	630		F	
0039		02	1303*		1322	N08	E58	3885B	09	6.9	19	1B							
	KAND	02	1303		1322	N08	E56	3885B	09	6.7	19	1B		C					
	KAND	02	1324		1329D	N08	E60	3885B	09	7.0	5D	1N		C					
0040	HTPR	02	1329	1346	1352	N13	W06	3880	09	2.1	23	SF		C	1346	140	1.4	E	
0041	KANZ	02	1419	1426	1435	S21	E19	3883	09	4.0	16	SF			2				
0042	KANZ	02	1519	1528	1534	S21	E19	3883	09	4.1	15	SF			2			L	
0043	RAMY	02	1604	1607	1611	S22	E17	3883	09	4.0	7	SF		3	C	27			
0044		02	18268	18402	1937	N14	E64	3886	09	7.6	71	1N	C 9.4			160		F	
	HOLL	02	1826	1840	1940	N16	E58	3886	09	7.2	74	1N	C 9.4	3	C	190		F	
	BIGB	02	1834	1842	1934	N13	E69	3886	09	8.0	60	1N		2	C	1842	130		

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0045	HOLL	02	1839	1852	1914	S22	E17	3883	09	4.1	35	SF		3	C		36		
0046	PALE	02	2017E	2033U	2039D	S21	E16	3883	09	4.1	22D	SF	C	2.7	3	C		162	
0047	CULG	02	2117	2118	2119	S22	E16	3883	09	4.1	2	SN			C	2118	60	.7	
0048	PALE	02	2149	2159	2221	N16	E55	3886	09	7.1	32	SN	C	2.6	3	C		70	F
0049	PEKG	02	2243E	2243	2245	N14	E56	3886	09	7.2	2D	SF			C	2243	21	.4	D
0050	PEKG	02	2301E	2301	2308	N14	E55	3886	09	7.1	7D	SF			C	2301	17	.3	D
0051	PEKG	02	2301	2301	2302D	S19	E16	3883	09	4.2	1D	SF			P	2301	29	.4	D
0052	LEAR	02	2338	2338	2348	N11	E50	3886	09	6.7	10	SF		2	C		20		
0053	PEKG	03	0026	0041	0045D	N10	E37	3885	09	5.8	19D	1N			C	0041	336	4.3	FU
0054	CULG	03	0042	0046	0054	S21	E13	3883	09	4.0	12	SN			C	0046	90	1.1	F
0055		03	0116*	0122*	0208	N14	E50	3886	09	6.8	52	1N	C	3.0			180	2.5	EFJK
	LEAR	03	0116	0125	0234	N15	E53	3886	09	7.1	78	1N	C	3.0	3	C	207		K
	LEAR	03	0116	0200	0234	N15	E53	3886	09	7.1	78	1N	C	3.0	3	C	201		FK
	PEKG	03	0120	0122	0127	N14	E54	3886	09	7.1	7	1N			C	0122	130	2.2	E
	VORO	03	0123	0124	0134	N16	E53	3886	09	7.1	11	1N			C	0124	134	2.1	EJ
	PURP	03	0155	0158	0203D	N11	E47	3886	09	6.6	8D	1N			P	0158	181	2.7	
	CULG	03	0155	0159	0222	N13	E46	3886	09	6.5	27	1N			C	0159	220	3.0	F
	VORO	03	0156	0200	0216	N14	E47	3886	09	6.6	20	1F			C	0200	188	2.8	EJ
0056	CULG	03	0144	0148	0207	S21	E12	3883	09	4.0	23	SF			C	0148	110	1.3	F
0057	ABST	03	0417	0419	0423D	S21	E11	3883	09	4.0	6D	SF			P	0419	87	1.0	E
0058	YUNN	03	0512	0514	0516D	N11	E50	3886	09	7.0	4D	SN			P		47	.7	E
0059	HTPR	03	0558E		0727D	N14	E32	3885	09	5.7	89D	3N			C	0558	1800	2.1	BEIU
0060	LEAR	03	0602	0604	0616	S20	E13	3883	09	4.2	14	SF		3	C		42		
0061		03	06063	06092	0622	N14	E50	3886	09	7.0	16	SN	C	3.9			78	1.5	EFU
	PEKG	03	0606	0609	0617	N15	E51	3886	09	7.1	11	SN			P	0609	92	1.5	E
	LEAR	03	0609	0611	0626	N14	E49	3886	09	6.9	17	SN	C	3.9	3	C	63		UF
0062	HTPR	03	0809E		0910	N14	E31	3885	09	5.7	61D	2N			C	0809	1000	1.2	BEIU
0063	KANZ	03	0827	0836	0843	N05	W41	3887	08	31.3	16	SF		3					
0064	HTPR	03	0851	0855	0902	N06	W54	3887	08	30.4	11	SF			C	0855	80	1.4	E
0065	KANZ	03	0952	0956	1010	N05	W41	3887	08	31.3	18	SF		2					
0066	HTPR	03	1023	1024	1041	N11	E30	3885	09	5.7	18	SF			C	1024	20	.2	E
0067	KAND	03	1205		1219	N08	E48	3885B	09	7.1	14	SF			C				E
0068		03	1331*	14043	1505	N06	W44	3887	08	31.3	94	SF	C	1.4			102		F
	RAMY	03	1331	1406	1540	N06	W44	3887	08	31.3	129	SN	C	1.4	3	C	146		
	KANZ	03	1354	1407	1430	N05	W44	3887	08	31.3	36	SF		2					
	HOLL	03	1359	1404	1437D	N08	W44	3887	08	31.3	38D	SF		3	C		59		F
0069		03	1400*	15051	1527	N15	E46	3886	09	7.1	87	SN	C	2.9			72		F
	RAMY	03	1400	1506	1535	N14	E47	3886	09	7.1	95	SN		3	C		112		F
	KANZ	03	1438	1506	1526	N15	E45	3886	09	7.0	48	SN		2					
	HOLL	03	1505	1505	1519	N15	E46	3886	09	7.1	14	SN	C	2.9	3	C		31	F
0070		03	15461	15482	1556	N05	W46	3887	08	31.2	10	SF					40		
	KANZ	03	1546	1548	1554	N05	W46	3887	08	31.2	8	SF		2					
	RAMY	03	1547	1550	1557	N05	W47	3887	08	31.1	10	SF		3	C		40		

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0071	KANZ	03	1554	1602	1614D	N18	E38	3885C	09	6.5	20D	SN		2						
0072	RAMY	03	1608	1609	1622	S18	E03	3883	09	3.9	14	SF		3	C		88			
0073	HOLL	03	1820	1821	1837	S14	W56	3875C	08	30.6	17	SF		3	C		21			
0074		03	18343	18391	1859	S20	E02	3883	09	3.9	25	SN					131	1.0	F	
	BIGB	03	1834	1840	1907	S20	E02	3883	09	3.9	33	SN		2	C	1840	100	1.0		
	RAMY	03	1836	1840	1904	S21	E04	3883	09	4.1	28	SB		3	C		190			
	HOLL	03	1837	1839	1851	S21	E02	3883	09	3.9	14	SN		3	C		119			F
	PALE	03	1837	1839	1853	S20	E02	3883	09	3.9	16	SB		3	C		114			
0075	HOLL	03	1848	1851	1900	S13	W58	3875C	08	30.5	12	SF		3	C		17			
0076		03	19192	19236	1942	N06	W48	3887	08	31.2	23	SN	C 2.3				41			
	PALE	03	1919	1923	1940	N05	W48	3887	08	31.2	21	SN		3	C		45			
	HOLL	03	1921	1929	1944	N06	W48	3887	08	31.2	23	SN	C 2.3	3	C		37			
0077	CULG	03	2331	2333	2336	S20	W02	3883	09	3.8	5	SF			C	2333	60	.6		
0078		03	2342	23443	2358	N09	E21	3885	09	5.6	16	SN					61	.7	DFJK	
	HOLL	03	2342	2344	2355	N09	E22	3885	09	5.6	13	SN		3	C		60			
	LEAR	03	2342	2344	2405	N09	E22	3885	09	5.6	23	SN		3	C		60			F
	VORO	03	2342	2347	2353	N08	E20	3885	09	5.5	11	SF			C	2347	63	.7	DJK	
0079		03	2344	2350*	2736	N10	E36	3886	09	6.7	232	1B					559			KUZ
	LEAR	03	2344	2350	2736	N10	E36	3886	09	6.7	232	SN		3	C		57			K
	LEAR	03	2344	2448	2736	N10	E36	3886	09	6.7	232	2B		3	C		1061			ZUK
0080		03	23584	23593	2412	N06	W51	3887	08	31.2	14	SF					23	.3		
	LEAR	03	2358	2359	2412	N06	W51	3887	08	31.2	14	SF		3	C		31			
	CULG	03	2359	2402	2405	N05	W51	3887	08	31.2	6	SN			C	2402	20	.3		
	HOLL	04	0002	0002	0018	N06	W50	3887	08	31.2	16	SF		3	C		19			
0081		04	0025*	0029*	0120	N12	E38	3886	09	6.9	55	2B					765	10.7	EFJKUW	
	VORO	04	0025		0300D	N12	E38	3886	09	6.9	155D	3N			C	0049	2150	24.3	EJK	
	CULG	04	0025	0029	0045	N11	E34	3886	09	6.6	20	1B			C	0029	280	3.3	FE	
	HOLL	04	0026	0029	0029D	N13	E38	3886	09	6.9	3D	1B		3	C		232		UE	
	YUNN	04	0033E	0047	0155	N11	E39	3886	09	6.9	82D	1B			P		362	4.8	FUW	
	CULG	04	0043	0052	0154D	N12	E40	3886	09	7.0	71D	2B			P	0052	800	10.4	FE	
0082	CULG	04	0126	0340U	0659	N22	E29	3885C	09	6.3	333	3N			P	0340	1480	17.8	FIU	
0083	PEKG	04	0229	0234	0243	N06	W63	3887	08	30.5	14	SN			P	0234	21	.5	D	
0084		04	0424	0430*	0742D	N12	E33	3886	09	6.7	198D	2N					1969	23.9	EHIJKLTU	
	TACH	04	0322E		0640D	N10	E30	3886	09	6.4	198D	4F			C	0359	4332	54.2	EHITU	
	PEKG	04	0400E	0435	0555D	N13	E33	3886	09	6.6	115D	3N			C	0435	1473	18.0	IJKLUW	
	PEKG	04	0400E	0456	0555D	N13	E33	3886	09	6.6	115D	3N			P	0456	1178	14.4	U	
	MITK	04	0421E		0742D	N10	E32	3886	09	6.6	201D	4N			C	0422	3000	36.2	U	
	ABST	04	0424	0430	0456D	N10	E42	3886	09	7.3	32D	2N			P	0430	698	8.1	EJ	
	ABST	04	0424	0430	0456D	N15	E30	3886	09	6.4	32D	2N			P	0430	1135	12.3	EJ	
0085		04	0443*	04542	0502	N05	W51	3887	08	31.4	19	SN					51	.6	FK	
	CULG	04	0443	0455	0502	N04	W52	3887	08	31.3	19	SN			C	0455	50	.8	KF	
	YUNN	04	0444	0454	0500D	N06	W51	3887	08	31.4	16D	SN			P		31	.5		
	LEAR	04	0454	0456	0503	N05	W51	3887	08	31.4	9	SF		2	C		73			F
0086		04	0618E	0635*	1000D	N13	E33	3886	09	6.7	222D	3N					1241	13.6	BIU	
	WEND	04	0618E		1000D	N13	E32	3886	09	6.7	222D	3N			C	0618	1100	13.8	BIU	
	CATA	04	0630E	0635	0745D	N13	E30	3886	09	6.5	75D	3		2	P	0635	1124	13.4		
	MONT	04	0720E	0720	0900D	N14	E37	3886	09	7.1	100D	3N			C	0720	1500			B
0087	CATA	04	0630E	0635	0745D	N07	E37	3886A	09	7.0	75D	2		2	P	0635	843	10.8	TU	
0088		04	07203	07261	0739	S13	W64	3875C	08	30.6	19	SF					30			
	KANZ	04	0720	0726	0738	S13	W64	3875C	08	30.6	18	SF		2						
	LEAR	04	0723	0727	0740	S13	W64	3875C	08	30.6	17	SF		3	C		30			

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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	
						Region	Lat	Cmd								Apparent (10-6 Disk)	Corr (Sq Deg)		
0089	04		08531	08543	0907	N06	W55	3887	08	31.2	14	SN				25	.4		
	KHAR	04	0853E		0911	N07	W55	3887	08	31.2	180	SF	V	0855					
	WEND	04	0853	0857	0903	N07	W55	3887	08	31.2	10	SN	C	0857		25	.4		
	KANZ	04	0854	0854	0906	N05	W55	3887	08	31.2	12	SN			3				
0090	KHAR	04	0918E		0938	N24	E39	3886B	09	7.4	200	SF	V	0922					
0091	04		09374	09401	0949	N12	W32	3891	09	2.0	12	SN				55	.7		
	WEND	04	0937	0940	0946	N14	W32	3891	09	2.0	9	SF	C	0940		30	.4		
	KHAR	04	0939E		0948	N12	W33	3891	09	1.9	90	SN	P	0939		80	1.0		
	KANZ	04	0941	0941	0953	N11	W31	3891	09	2.1	12	SN			3				
0092	04		1017	1025	1035	N07	W56	3887	08	31.2	18	SF				28	.5		
	WEND	04	1017	1025	1034	N07	W56	3887	08	31.2	17	SF	C	1025		28	.5		
	KHAR	04	1020E		1036	N07	W55	3887	08	31.3	160	SF	V	1023					
0093	04		10176	1026	1042	N11	E30	3886	09	6.7	25	SN				60	.7	E	
	WEND	04	1017	1026	1042	N11	E31	3886	09	6.8	25	SN	C	1026		60	.7		
	KHAR	04	1022E	1025U	1042D	N11	E30	3886	09	6.7	200	SF	P	1025		60	.7	E	
	KANZ	04	1023	1026	1041	N11	E30	3886	09	6.7	18	SN			3				
0094	04		1056	1107	1123	N06	W56	3887	08	31.3	27	SF				32	.6	E	
	WEND	04	1056	1107	1128	N07	W56	3887	08	31.3	32	SF	C	1107		34	.6		
	HTPR	04	1110E		1118	N05	W57	3887	08	31.2	80	SF	C	1113		30	.5	E	
0095	04		1132	1135	1145	N11	E30	3886	09	6.7	13	SN				38	.4	E	
	HTPR	04	1132	1135	1143	N11	E30	3886	09	6.7	11	SF	C	1135		20	.2	E	
	WEND	04	1132	1135	1147	N11	E30	3886	09	6.7	15	SN	C	1135		56	.7		
0096	HTPR	04	1246	1248	1303	N05	W58	3887	08	31.2	17	SF	C	1248		20	.4		
0097	04		1248*	13224	1344	N06	W57	3887	08	31.3	56	SN				105	2.0	E	
	WEND	04	1248	1324	1342	N07	W57	3887	08	31.3	54	SN	C	1324		44	.8		
	LVOV	04	1315	1322	1337	N06	W57	3887	08	31.3	22	1F	C	1322		250	4.9	E	
	HTPR	04	1320	1324	1341	N05	W58	3887	08	31.2	21	SF	C	1324		20	.4		
	KANZ	04	1326E	1326	1355	N05	W57	3887	08	31.3	290	SN			3				
0098	04		13392	13412	1401	N08	E14	3885	09	5.6	22	SF				27	.3		
	HTPR	04	1339	1343	1348	N07	E13	3885	09	5.5	9	SF	C	1343		30	.3		
	KANZ	04	1341	1341	1407	N09	E14	3885	09	5.6	26	SF			3				
	RAMY	04	1341	1342	1409	N08	E14	3885	09	5.6	28	SF	C			24			
0099	04		13512	13551	1402	S19	W14	3883	09	3.5	11	SN				25	.2		
	KANZ	04	1351	1355	1403	S19	W14	3883	09	3.5	12	SF			3				
	HTPR	04	1352	1355	1359	S20	W15	3883	09	3.4	7	SN	C	1355		30	.3		
	WEND	04	1352	1355	1403	S19	W14	3883	09	3.5	11	SF	C	1355		18	.2		
	RAMY	04	1353	1356	1403	S19	W15	3883	09	3.4	10	SN	C			27			
0100	04		14521	14551	1504	N10	E14	3885	09	5.7	12	SF				50	.5	E	
	HTPR	04	1452	1456	1503	N10	E13	3885	09	5.6	11	SF	C	1456		60	.6	E	
	WEND	04	1453	1455	1504	N09	E14	3885	09	5.7	11	SF	C	1455		40	.4		
0101	04		14564	14593	1507	S20	W15	3883	09	3.5	11	SN				32	.3		
	HTPR	04	1456	1500	1508	S20	W14	3883	09	3.5	12	SN	C	1500		40	.4		
	WEND	04	1457	1502	1506	S19	W15	3883	09	3.5	9	SN	C	1502		22	.2		
	KANZ	04	1459	1459	1507	S20	W15	3883	09	3.5	8	SN			3				
	HOLL	04	1500	1501	1506	S19	W16	3883	09	3.4	6	SF	C			34			
0102	HOLL	04	1530	1534	1554	N07	W58	3887	08	31.3	24	SF			3	C	45		
0103	04		15584	16033	1614	N11	E27	3886	09	6.7	16	SF				35	.4		
	WEND	04	1558	1603	1617	N11	E28	3886	09	6.8	19	SF	C	1603		34	.4		
	HOLL	04	1602	1603	1612	N12	E26	3886	09	6.6	10	SF			3	C	36		
	RAMY	04	1602	1606	1612	N11	E26	3886	09	6.6	10	SF			3	C	34		
0104	HTPR	04	1608E		1624D	N09	E13	3885	09	5.6	160	SF	C	1608		60	.6	E	
0105	04		16374	1643	1700	N11	E26	3886	09	6.6	23	1N C 4.4				250	1.7	EFU	
	HOLL	04	1637	1643	1705	N10	E26	3886	09	6.6	28	1N C 4.4			3	C	314		UF
	RAMY	04	1638	1643	1702	N11	E26	3886	09	6.6	24	1B			3	C	286		F
	HTPR	04	1641		1654	N11	E26	3886	09	6.6	13	SN	C	1643		150	1.7	E	

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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 (10-6 Disk)	Corr (Sq Deg)	
0106	PALE	04	1724	1752	1802	S21	W11	3883	09	3.9	38	SF		3	C		82		
0107	HOLL	04	1733	1733	1826	N07	W59	3887	08	31.3	53	SF		3	C		27		
0108	HOLL	04	1817	1817	1827	S20	W12	3883	09	3.8	10	SN		3	C		43		
0109		04	1835	18367	1907	N06	W61	3887	08	31.2	32	SF					14		K
	HOLL	04	1835	1836	1907	N06	W61	3887	08	31.2	32	SF		3	C		15		K
	HOLL	04	1835	1843	1907	N06	W61	3887	08	31.2	32	SF		3	C		14		K
0110	HOLL	04	1837	1842	1852	N12	E24	3886	09	6.6	15	SF		3	C		26		
0111		04	2026	2027	2038	N07	E70	3890	09	10.1	12	SF							
	HOLL	04	2026	2027	2032	N07	E73	3890	09	10.3	6	SF		3	C				
	PALE	04	2026	2027	2043	N07	E67	3890	09	9.9	17	SF		3	C				
0112	PALE	04	2156E	2157U	2209	S20	W13	3883	09	3.9	13D	SF		3	C		27		
0113	HOLL	04	2235	2240	2245	S20	W14	3883	09	3.9	10	SF		3	C		23		F
0114		04	22571	2259*	2314	S21	W14	3883	09	3.9	17	SF					51	.7	F
	CULG	04	2257	2259	2302	S21	W13	3883	09	3.9	5	SF			C	2259	60	.7	
	HOLL	04	2258	2310	2325	S21	W14	3883	09	3.9	27	SF		3	C		42		F
0115	HOLL	05	0001	0002	0010	S20	W15	3883	09	3.8	9	SF		3	C		44		F
0116	YUNN	05	0231	0233	0237	N05	W61	3887	08	31.5	6	SN			C		31	.7	
0117		05	0307*	0313*	0344	N05	W65	3887	08	31.3	37	SN	C 3.7				60	.8	EFK
	PEKG	05	0307	0313	0350	N07	W66	3887	08	31.2	43	SN			C	0313	76		EK
	PEKG	05	0307	0328U	0350	N07	W65	3887	08	31.3	43	SN			C	0328	76		E
	PALE	05	0310	0326	0357D	N04	W66	3887	08	31.2	47D	SN	C 3.7	3	C		64		F
	CULG	05	0321	0324	0331	N04	W64	3887	08	31.3	10	SF			C	0324	40	.8	F
	YUNN	05	0336E	0340U	0343D	N06	W66	3887	08	31.2	7D	SN			P	0340	47		E
0118	LEAR	05	0509	0511	0519	S21	W18	3883	09	3.8	10	SF		3	C		22		
0119	LEAR	05	0512	0514	0522	N05	W66	3887	08	31.3	10	SF		3	C		18		
0120	LEAR	05	0530	0534	0540	N13	E22	3886	09	6.9	10	SF		3	C		62		
0121	KANZ	05	0726E		0802	N12	E22	3886	09	7.0	36D	SN		2					B
0122		05	07351	07353	0747	S23	W19	3883	09	3.8	12	SN					77	.9	E
	KHAR	05	0732E	0735U	0745D	S23	W22	3883	09	3.6	13D	SF			P	0735	120	1.5	E
	KANZ	05	0735	0735	0747	S23	W16	3883	09	4.1	12	SN		2					
	WEND	05	0735	0738	0742	S22	W19	3883	09	3.8	7	SF			C	0738	69	.8	
	PEKG	05	0736	0737U	0751	S23	W19	3883	09	3.8	15	SN			C	0737	42	.5	E
0123		05	07432	07434	0752	S14	W82	3875C	08	30.2	9	SN					31		A
	KANZ	05	0743	0743	0754	S15	W85	3875C	08	30.0	11	SN		3					
	LEAR	05	0744	0746	0749	S15	W82	3875C	08	30.2	5	SF		3	C				
	YUNN	05	0745	0747	0754	S12	W80	3875C	08	30.4	9	SN			C		31		A
0124		05	08182	0822	0830	N06	W67	3887	08	31.3	12	SF					54		E
	KHAR	05	0818E	0818U	0828D	N06	W70	3887	08	31.1	10D	SF			P	0818	70		E
	KANZ	05	0818	0822	0826	N04	W67	3887	08	31.3	8	SF		2					
	WEND	05	0820	0822	0834	N07	W65	3887	08	31.5	14	SN			C	0822	38		
0125		05	0932*	09454	0957	S14	W85	3875C	08	30.1	25	SN					58		A
	KANZ	05	0932	0949	0957	S16	W85	3875C	08	30.0	25	SN		3					
	KHAR	05	0943E		1015D	S12	W85	3875C	08	30.1	32D	SN			V	0952			
	YUNN	05	0943	0946	0946D	S12	W80	3875C	08	30.5	3D	SN			P		31		A
	CATA	05	0945	0945	0955D	S18	W90	3875C	08	29.6	10D	1		2	P	0945	84		
0126		05	10082	10169	1049	S09	E79	3895	09	11.3	41	SN					38		EL
	KANZ	05	1008	1016	1048	S07	E78	3895	09	11.3	40	SN		2					
	WEND	05	1010	1025	1050	S10	E78	3895	09	11.3	40	SN			C	1025	38		
	KHAR	05	1020E		1115D	S11	E80	3895	09	11.4	55D	1F			V	1025			EL

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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 (10-6 Disk)	Corr (Sq Deg)	
0127	KHAR	05	1037E		1102D	S12	W05	3875C	08	30.1	25D	SF			V	1037			
0128		05	1056	1100	1106	N06	W68	3887	08	31.4	10	SN					25		H
	KHAR	05	1042E	1102U	1128D	N06	W69	3887	08	31.3	46D	SN			V	1102			H
	WEND	05	1056	1100	1106	N07	W68	3887	08	31.4	10	SN			C	1100	25		
0129		05	1339E	13443	1404	N11	E11	3886	09	6.4	25	SN	C 1.7				194	2.3	E
	KANZ	05	1339	1347	1410	N10	E11	3886	09	6.4	31	SN		3					
	RAMY	05	1340	1345	1410	N11	E12	3886	09	6.5	30	SN	C 1.7	3	C		150		
	WEND	05	1340	1347	1358	N11	E11	3886	09	6.4	18	SN			C	1347	81	.9	
	LVOV	05	1341	1344	1359	N12	E11	3886	09	6.4	18	1F			C	1344	350	3.7	E
0130	LVOV	05	1349	1352	1410	S18	W24	3883	09	3.7	21	1F			C	1352	200	2.5	D
0131		05	1744E	18041	1844	N16	W51	3891	09	1.9	60	SN	C 1.8				95		F
	RAMY	05	1744	1804	1851	N15	W50	3891	09	1.9	67	SN	C 1.8	3	C		112		
	HOLL	05	1750	1805	1836	N16	W52	3891	09	1.8	46	SN		3	C		78		F
0132	RAMY	05	1801	1809U	1856	S20	W27	3883	09	3.7	55	SF		3	C		40		
0133	HOLL	05	1901	1906	1913	S14	W55	3879	09	1.6	12	SF		3	C		30		F
0134	HOLL	05	1906	1909	1919	S19	W28	3883	09	3.6	13	SF		3	C		30		F
0135	RAMY	05	1931	1932	1948	N16	E16	3886	09	7.0	17	SN	C 1.4	3	C		50		
0136	HOLL	05	1959E	2001U	2017D	N16	W53	3891	09	1.8	18D	SN	C 2.2	3	C		71		F
0137	HOLL	05	2112	2112	2118	S14	W56	3879	09	1.6	6	SF		3	C		18		F
0138	PEKG	05	2351	2355	2400	N07	W76	3887	08	31.3	9	SF			P	2355	34		D
0139		06	0026E	0028E	0034	S20	W27	3883	09	3.9	8	SF					58	.7	F
	CULG	06	0026	0028	0032	S21	W26	3883	09	4.0	6	SF			C	0028	60	.7	F
	HOLL	06	0028	0030	0035	S20	W28	3883	09	3.9	7	SF		3	C		56		F
0140	YUNN	06	0106E	0110	0112D	N06	W78	3887	08	31.2	6D	SN			P		31		
0141		06	0150	0153	0222	N11	E13	3886	09	7.0	32	1B					365	3.8	EFL
	CULG	06	0149E	0152U	0157D	N12	E11	3886	09	6.9	8D	1B			P	0152	240	2.4	FE
	PEKG	06	0150	0153	0209	N10	E13	3886	09	7.0	19	1B			C	0153	463	4.9	FL
	YUNN	06	0153E	0154U	0235	N11	E14	3886	09	7.1	42D	1B			P	0154	393	4.2	F
0142	PEKG	06	0151	0153	0155	N13	E01	3886	09	6.1	4	SN			C	0153	76	.8	E
0143		06	0431	0432	0459	N15	E12	3886	09	7.1	28	SN	C 2.1				120	1.3	E
	LEAR	06	0431	0432	0513	N15	E12	3886	09	7.1	42	SN	C 2.1	3	C		113		
	YUNN	06	0435E	0436U	0445	N15	E12	3886	09	7.1	10D	SN			P	0436	126	1.3	E
0144		06	0522	05223	0531	N06	W78	3887	08	31.4	9	SN					47		
	LEAR	06	0522	0522	0531	N06	W76	3887	08	31.5	9	SF		3	C				
	YUNN	06	0522E	0525	0531	N07	W79	3887	08	31.3	9D	SN			P		47		
0145	LEAR	06	0554	0555	0614	N09	E12	3886	09	7.1	20	SF		3	C		69		F
0146	ABST	06	0848	0848	0857D	N09	E11	3886A	09	7.2	9D	SF			P	0848	87	.9	E
0147	KAND	06	1044		1059	N10	E05	3886	09	6.8	15	SF			C				D
0148	KAND	06	1105		1122	N15	E08	3886	09	7.1	17	SF			C				
0149	HOLL	06	1523	1524	1527	S12	E62	3895	09	11.3	4	SF		3	C		25		F
0150	HOLL	06	1643	1650	1701	S20	W38	3883	09	3.8	18	SF		3	C		39		F
0151		06	1814	18215	1844	N14	E02	3886	09	6.9	30	SN	C 1.5				62		F
	PALE	06	1814	1821	1841	N14	E02	3886	09	6.9	27	SN		3	C		47		F
	HOLL	06	1814	1826	1846	N14	E03	3886	09	7.0	32	SF	C 1.5	3	C		78		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Xray	Obs See	Type	Area Measurement			Remarks	
															Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0152		06	2020	2022	2030	S14	E58	3895	09	11.2	10	1N	C 1.7			162			
	HOLL	06	2020	2022	2028	S13	E63	3895	09	11.6	8	SN	C 1.7	3	C	115			
	RAMY	06	2020	2023	2032	S15	E53	3895	09	10.8	12	1N		3	C	209			
0153	PALE	06	2249	2249	2254	S19	W42	3883	09	3.7	5	SF		3	C	27			
0154		06	2337	2338	2346	N16	E01	3886	09	7.0	9	SF				50	.6	F	
	PALE	06	2337	2338	2348	N15	E01	3886	09	7.0	11	SF		3	C	41		F	
	CULG	06	2337	2339	2345	N16	E01	3886	09	7.0	8	SF			C	2339	60	.6	F
0155	PALE	07	0014	0015	0020	S09	E57	3895	09	11.3	6	SF		3	C	36			
0156	CULG	07	0047	0051	0100	S22	W42	3883	09	3.8	13	SF			C	0051	40	.6	
0157		07	03436	03457	0403	S21	W48	3883	09	3.5	20	SN	C 1.6			60	1.4	DFH	
	YUNN	07	0343	0345	0347D	S22	W51	3883	09	3.2	4D	SN			P	47		D	
	CULG	07	0343	0349	0402	S21	W46	3883	09	3.6	19	SN			C	0349	90	1.4	F
	LEAR	07	0345	0345	0411	S21	W48	3883	09	3.5	26	SN	C 1.6	3	C	18		FH	
	PURP	07	0349	0352	0357	S21	W47	3883	09	3.5	8	SN			C	0352	84	1.5	
0158	TACH	07	0348	0350	0404	N22	E52	3894	09	11.1	16	SB			C	0350	80	1.5	D
0159		07	0503	0503	0506	S21	W50	3883	09	3.4	3	SN				46	.8	D	
	CULG	07	0503	0503	0506	S22	W50	3883	09	3.4	3	SF			C	0503	30	.5	
	YUNN	07	0505E	0505U	0506D	S20	W51	3883	09	3.3	1D	SN			P	0505	63	1.2	D
0160	TACH	07	0508	0552	0600D	S11	W58	3879	09	2.8	52D	2F			C	0552	495	10.2	U
0161		07	0540	0548	0621	S10	E57	3895	09	11.5	41	1N				174	3.6	EF	
	YUNN	07	0540	0548	0621	S09	E53	3895	09	11.2	41	1B			C	126	2.3	E	
	PURP	07	0548E	0549U	0621	S10	E60	3895	09	11.8	33D	1B			C	0549	213	4.6	
	ABST	07	0612E	0622U	0635D	S10	E57	3895	09	11.5	23D	1F			P	0622	183	4.0	F
0162	KANZ	07	0701	0705	0705D	N17	W06	3886	09	6.8	4D	SF		2					
0163	KANZ	07	0721		0730D	N25	W59	3888	09	2.7	9D	SN		2					
0164	CATA	07	0735	0735	0740	S07	E62	3895	09	12.0	5	1		2	C	0735	112	2.6	
0165	HTPR	07	0842		0945D	N09	W25	3885	09	5.5	63D	SN			C	0850	60	.7	E
		07	1001		1024	No Flare Patrol													
		07	1031		1054	No Flare Patrol													
		07	1121		1128	No Flare Patrol													
0166	RAMY	07	1130	1301	1331	N09	W27	3885	09	5.4	121	SF		3	C	49			
0167	HTPR	07	1334	1349	1445	N25	W61	3888	09	2.8	71	SF			C	1349	80	1.6	E
0168		07	1454	1501*	1732	N24	W62	3888	09	2.8	158	SN				28		K	
	RAMY	07	1454	1501	1732	N24	W62	3888	09	2.8	158	SF		3	C	22		K	
	RAMY	07	1454	1514	1732	N24	W62	3888	09	2.8	158	SN		3	C	33		K	
0169	HTPR	07	1456	1501	1504	N09	W28	3885	09	5.5	8	SF			C	1501	40	.4	E
0170		07	1652	1653	1711	N08	W30	3885	09	5.4	19	SN				58		F	
	HOLL	07	1652	1654	1714	N08	W30	3885	09	5.4	22	SF		3	C	69		F	
	RAMY	07	1653	1653	1708	N07	W30	3885	09	5.4	15	SN		3	C	48			
0171		07	1709	1710	1718	S21	W57	3883	09	3.3	9	SB				56	1.3	E	
	BIGB	07	1709	1710	1721	S20	W57	3883	09	3.3	12	SB		3	C	70	1.3		
	HOLL	07	1710	1710	1717	S20	W57	3883	09	3.3	7	SB		3	C	58		E	
	RAMY	07	1710	1711	1716	S22	W58	3883	09	3.2	6	SB		3	C	40			
0172		07	1809	1812	1900	S09	E48	3895	09	11.3	51	1N	C 6.1			183	3.7	EFHK	
	PALE	07	1809	1819	1903	S08	E48	3895	09	11.3	54	1B		4	C	196		FE	
	BIGB	07	1809	1820	1903	S09	E48	3895	09	11.3	54	1N		3	C	1820	240	3.7	
	RAMY	07	1810	1812	1857	S09	E48	3895	09	11.3	47	SN		3	C	140		K	
	RAMY	07	1810	1821	1857	S09	E48	3895	09	11.3	47	1N	C 6.1	3	C	218		FK	
	HOLL	07	1811	1824U	1901	S10	E48	3895	09	11.4	50	SN		3	C	122		FH	

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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 (10-6 Disk)	Corr (Sq Deg)		
0173		07	18183	1825*	1923	N08	W31	3885	09	5.4	65	1B	C 4.9				221	2.6	EFK	
	BIGB	07	1818	1853	1927	N08	W31	3885	09	5.4	69	1B		3	C	1853	220	2.6		
	PALE	07	1820	1825	1924	N08	W31	3885	09	5.4	64	SB		4	C		121		K	
	PALE	07	1820	1852	1924	N08	W31	3885	09	5.4	64	1B	C 4.9	4	C		209		K	
	HOLL	07	1821	1825	1914D	N08	W32	3885	09	5.4	53D	SN		3	C		126		K	
	RAMY	07	1821	1828	1921	N07	W31	3885	09	5.4	60	SN		3	C		138		K	
	RAMY	07	1821	1852	1921	N07	W31	3885	09	5.4	60	1B		3	C		300		EFK	
	HOLL	07	1821	1854	1914D	N08	W32	3885	09	5.4	53D	1N		3	C		433		FK	
0174	RAMY	07	1828	1828	1835	N07	W18	3886A	09	6.4	7	SF		3	C		29			
0175		07	2006	20154	2050	N26	W61	3888	09	3.1	44	1N					67	2.1		
	RAMY	07	2006	2015	2049	N26	W61	3888	09	3.1	43	SN		3	C		34			
	BIGB	07	2006	2019	2051	N26	W61	3888	09	3.1	45	1N		3	C	2019	100	2.1		
0176	HOLL	07	2137	2138	2142	N20	W31	3897	09	5.5	5	SF		3	C		25			
0177	HOLL	07	2138	2138	2149	N10	W32	3885	09	5.5	11	SF		3	C		25		F	
0178	HOLL	07	2228	2232	2241	N20	W32	3897	09	5.5	13	SF		3	C		27			
0179	HOLL	07	2243	2247	2251	N08	W33	3885	09	5.5	8	SF		3	C		20			
0180	BIGB	07	2303	2305	2319	S30	W38		09	5.0	16	SN		3	C	2305	100	1.3		
		07	2331		2349	No Flare Patrol														
0181		08	0030	00313	0042	N20	W34	3897	09	5.4	12	SN	C 2.0				55	.6	EH	
	LEAR	08	0030	0031	0043	N19	W33	3897	09	5.5	13	SN	C 2.0	3	C		60		H	
	PEKG	08	0030	0034	0040	N20	W34	3897	09	5.4	10	SN			P	0034	50	.6	E	
0182	LEAR	08	0034	0036	0043	N13	W14	3886	09	7.0	9	SF		3	C		35			
0183	LEAR	08	0046	0048	0100	N26	W66	3888	09	2.9	14	SF		3	C		32			
0184	LEAR	08	0059	0100	0103	N19	W32	3897	09	5.6	4	SF		3	C		26			
0185		08	0110*	0112*	0135	N08	W36	3885	09	5.3	25	SN					70	1.1	E	
	LEAR	08	0110	0112	0140	N07	W35	3885	09	5.4	30	SF		3	C		51			
	PEKG	08	0120	0125	0130	N09	W37	3885	09	5.3	10	SN			P	0125	88	1.1	E	
0186	LEAR	08	0146	0150	0158	S19	W57	3883	09	3.7	12	SF		3	C		20			
0187		08	04131	0415	0423	N08	W38	3885	09	5.3	10	SF					58	1.2	D	
	ABST	08	0413	0415	0425D	N09	W40	3885	09	5.2	12D	SF			P	0415	87	1.2	D	
	LEAR	08	0414	0415	0423	N07	W37	3885	09	5.4	9	SF		3	C		30			
0188	LEAR	08	0417	0419	0424	N15	W13	3886	09	7.2	7	SF		3	C		33			
0189		08	04181	04202	0429	N20	W35	3897	09	5.5	11	SN					67	1.1	D	
	ABST	08	0418	0421	0424	N21	W37	3897	09	5.3	6	SF			C	0421	87	1.1	D	
	LEAR	08	0419	0420	0434	N19	W33	3897	09	5.7	15	SF		3	C		25			
	TACH	08	0420E	0422	0433D	N19	W35	3897	09	5.5	13D	SB			C	0422	88	1.1	D	
0190		08	0424	0425*	0515D	N19	E35	3894	09	10.8	51D	SB					106	1.4	DK	
	TACH	08	0424	0425	0515D	N19	E35	3894	09	10.8	51D	SB			C	0504	106	1.4	DK	
	TACH	08	0424	0504	0515D	N19	E35	3894	09	10.8	51D	SB			C	0504	106	1.4	DK	
0191		08	04503	04551	0512	N20	W36	3897	09	5.4	22	SN					70	1.1	D	
	ABST	08	0450	0455	0517	N21	W37	3897	09	5.4	27	SN			C	0455	87	1.1	D	
	LEAR	08	0453	0456	0508	N19	W35	3897	09	5.5	15	SF		3	C		53			
0192		08	05554	06001	0608	N21	W36	3897	09	5.5	13	SN	C 1.5				67	1.1	DV	
	LEAR	08	0555	0601	0612	N21	W35	3897	09	5.6	17	SN	C 1.5	3	C		47			
	ABST	08	0559	0600	0603	N21	W37	3897	09	5.4	4	SN			C	0600	87	1.1	DV	
0193		08	06403	0644*	0730	N15	W17	3886	09	7.0	50	SN	C 4.8				166	1.8	DEFJK	
	LEAR	08	0640	0644	0733	N15	W15	3886	09	7.1	53	SN	C 4.8	3	C		189		F	
	ABST	08	0640	0657	0715D	N14	W18	3886	09	6.9	35D	1B			P	0657	192	2.1	DJK	
	BUCA	08	0640	0657	0740	N15	W17	3886	09	7.0	60	SN			C	0657	172	1.9	E	
	HTPR	08	0641	0647	0743	N15	W18	3886	09	6.9	62	SB			C	0647	180	1.8	E	
	YUNN	08	0642	0705	0730	N15	W18	3886	09	6.9	48	1B			C		189	2.1	E	
	ISTA	08	0643		0730	N14	W17	3886	09	7.0	47	SF								
	PEKG	08	0643	0650	0718	N15	W17	3886	09	7.0	35	SN			C	0650	113	1.2	FK	
	PEKG	08	0643	0659	0718	N15	W17	3886	09	7.0	35	SN			C	0659	126	1.4	F	

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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 (10-6 Disk)	Corr (Sq Deg)	
0194		08	0640	0650	0655	N20	W38	3897	09	5.4	15	SF					50	.6	E
	HTPR	08	0640	0650	0655	N19	W38	3897	09	5.4	15	SF			C	0650	50	.6	
	PEKG	08	0650E	0650	0650D	N20	W37	3897	09	5.4	15D	SF			P	0650	50	.6	E
0195	LEAR	08	0915	0921	0936	N26	W70	3888	09	2.9	21	SF		3	C		15		F
0196	HTPR	08	0948	0956	1001	N07	W41	3885	09	5.3	13	SF			C	0956	40	.5	
0197	HTPR	08	1123	1125	1127	S10	E39	3895	09	11.4	4	SF			C	1125	20	.3	
0198	HTPR	08	1303	1308	1328	S10	E39	3895	09	11.5	25	SF			C	1308	20	.3	
0199	HTPR	08	1341	1348	1356	S12	E38	3895	09	11.4	15	SN			C	1348	60	.8	E
0200	HOLL	08	1516E	1516U	1521D	S12	E38	3895	09	11.5	5D	SF		1	C		80		
0201		08	1922	1923	1930	S11	E37	3895	09	11.6	8	SN	C 2.0				58		
	PALE	08	1922	1923	1929	S11	E37	3895	09	11.6	7	SN	C 2.0	3	C		34		
	HOLL	08	1924E	1924U	1931	S11	E37	3895	09	11.6	7D	SF		2	C		81		
0202	HOLL	08	1955	1958	2001	S11	E35	3895	09	11.5	6	SF		3	C		21		
0203		08	2345*	2347*	2524	S09	E31	3895	09	11.3	99	1N					315	3.0	EFJK
	CULG	08	2345	2347	2349	S10	E32	3895	09	11.4	4	SF			C	2347	70	.8	
	LEAR	08	2356	2423	2651	S10	E31	3895	09	11.3	175	2N		3	C		672		F
	CULG	09	0011	0025	0126	S07	E31	3895	09	11.3	75	1N			C	0025	320	3.8	JF
	PEKG	09	0014	0021	0128	S10	E31	3895	09	11.3	74	1N			C	0021	252	3.2	FK
	PEKG	09	0014	0035	0128	S08	E31	3895	09	11.3	74	1N			C	0035	286	3.6	F
MITK	09	0014	0053	0225D	S07	E31	3895	09	11.3	131D	1N			C	0053	290	3.6	E	
0204	CULG	09	0104	0108	0112	S11	E38	3895	09	11.9	8	SF			C	0108	90	1.1	
0205		09	0115	01201	0132	N12	W47	3885	09	5.5	17	SN					27	.3	D
	LEAR	09	0115	0120	0136	N11	W47	3885	09	5.5	21	SN		3	C		33		
	PEKG	09	0115	0121	0129	N12	W47	3885	09	5.5	14	SN			P	0121	21	.3	D
0206	LEAR	09	0201	0201	0206	N10	W49	3885	09	5.4	5	SN		3	C		28		
0207		09	0409	0413	0422	N11	W51	3885	09	5.3	13	1B	C 2.2				106	.7	DEF
	LEAR	09	0409	0413	0426	N10	W51	3885	09	5.3	17	1B	C 2.2	3	C		167		FE
	PEKG	09	0413E	0413	0418	N12	W51	3885	09	5.3	5D	SN			P	0413	46	.7	D
0208		09	05546	0555*	0609	N10	W52	3885	09	5.3	15	SN	C 3.0				40	1.0	DFH
	LEAR	09	0554	0555	0557	N07	W52	3885	09	5.3	3	SF		3	C		19		
	LEAR	09	0600	0608	0614	N10	W51	3885	09	5.4	14	SN	C 3.0	3	C		26		FH
	HTPR	09	0600	0609	0613	N10	W52	3885	09	5.3	13	SN			C	0609	30	.5	
	ABST	09	0607E	0610	0613	N11	W51	3885	09	5.4	6D	SN			P	0610	87	1.4	D
0209	HTPR	09	0644	0646	0651	S10	E35	3895	09	11.9	7	SN			C	0646	40	.5	
0210	YUNN	09	0654E	0655U	0702	N11	W52	3885	09	5.4	8D	SN			P	0655	31	.5	
0211		09	07059	0710*	0730	N11	W51	3885	09	5.4	25	SN					71	1.1	EF
	CATA	09	0705	0710	0725	N12	W52	3885	09	5.4	20	S		2	C	0710	112	1.8	
	WEND	09	0709		0715	N11	W49	3885	09	5.6	6	SN			C	0713	56	.9	
	BUCA	09	0710	0715	0740	N12	W50	3885	09	5.5	30	SN			C	0715	107	1.7	
	YUNN	09	0711	0715	0719D	N11	W52	3885	09	5.4	8D	SN			P		31	.5	E
	HTPR	09	0711	0716	0728	N10	W52	3885	09	5.4	17	SN			C	0716	60	.9	E
	PEKG	09	0712	0718	0735	N11	W51	3885	09	5.5	23	SN			P	0718	59	.9	E
	LEAR	09	0713	0715	0745	N11	W50	3885	09	5.5	32	SB		3	C		85		FE
	ISTA	09	0714		0727	N11	W51	3885	09	5.5	13	SB				0718			E
	PURP	09	0714	0720	0728	N11	W51	3885	09	5.5	14	SB			C	0720	52	.8	E
	CULG	09	0716E	0716U	0716D	N10	W51	3885	09	5.5	14D	SN			P	0716	80	1.2	
0212		09	0851	0853	0856	S14	E28	3895	09	11.5	5	SF					38	.4	E
	KHAR	09	0850E	0853U	0900D	S13	E28	3895	09	11.5	10D	SF			P	0853	55	.7	E
	HTPR	09	0851	0853	0856	S14	E28	3895	09	11.5	5	SF			C	0853	20	.2	

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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	Imp See	Obs Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0213		09	0908*	0910*	1007	S18	E32	3902	09	11.8	59	1N					223	3.7	EFHK
	LEAR	09	0908	0910	0934D	S18	E31	3902	09	11.7	26D	SF		3	C		60		K
	LEAR	09	0908	0932	0934D	S18	E31	3902	09	11.7	26D	SN		3	C		146		FK
	CATA	09	0910	0940	0955D	S19	E33	3902	09	11.9	45D	I		2	P	0940	169	2.3	
	KHAR	09	0910E	0947U	1002D	S17	E32	3902	09	11.8	52D	1B			P	0947	300	4.0	EHK
	MONT	09	0929	0938	1010	S18	E33	3902	09	11.9	41	1N			C	0938	250		
	PEKG	09	0939E	0944	1005	S17	E31	3902	09	11.7	26D	1N			P	0944	294	3.9	FK
	PEKG	09	0939E	0946	1005	S17	E32	3902	09	11.8	26D	1N			P	0946	344	4.6	F
0214		09	0908*	0912*	1018	S15	E32	3895	09	11.8	70	1B					228	3.6	EK
	HTPR	09	0908	0912	1115	S15	E32	3895	09	11.8	127	1B			C	0935	180	2.1	EK
	MONT	09	0910	0912	0920	S13	E34	3895	09	11.9	10	SN			C	0912	110		
	CATA	09	0920	0940	0955D	S16	E31	3895	09	11.7	35D	2		2	P	0940	394	5.2	
0215		09	09432	09451	0948	N20	W50	3897	09	5.6	5	SF					32	.5	D
	HTPR	09	0943	0945	0950	N18	W50	3897	09	5.6	7	SF			C	0945	40	.6	
	PEKG	09	0945	0946	0947	N21	W51	3897	09	5.5	2	SF			C	0946	25	.4	D
0216		09	0954	09553	1006	N11	W55	3885	09	5.3	12	SB					105	1.3	EH
	MONT	09	0954	0958	1005	N11	W55	3885	09	5.3	11	SN			C	0958	200		
	HTPR	09	0954	0958	1007	N10	W53	3885	09	5.4	13	SB			C	0958	110	1.8	E
	KHAR	09	0954E	0958U	1007D	N11	W57	3885	09	5.1	13D	SB			V	1000	55	1.0	EH
	CATA	09	0955E	0955	0955D	N11	W55	3885	09	5.3	13D	S		2	P	0955	56	1.0	
0217	KHAR	09	1042E	1046U	1117D	S17	E32	3902	09	11.9	35D	1F			V	1046			E
0218		09	1130	1142	1144	S12	E90	3901	09	16.2	14	SF					20		L
	KHAR	09	1054E		1115D	S13	E90	3901	09	16.2	21D	SF			V	1055			L
	HTPR	09	1130	1142	1144	S12	E90	3901	09	16.2	14	SF			C	1142	20		
0219	KHAR	09	1209E	1216U	1232D	N10	W57	3885	09	5.2	23D	SF			P	1216	30	.6	D
		09	1307		1308	No Flare Patrol													
0220	RAMY	09	1404	1404	1417	S14	E87	3901	09	16.2	13	SF			3	C			
		09	1522		1534	No Flare Patrol													
0221	RAMY	09	1622	1623	1627	N10	W58	3885	09	5.3	5	SN			3	C		28	
0222		09	2121	21212	2136	S11	E75	3901	09	15.5	15	SF						60	
	PALE	09	2121	2121	2139	S11	E75	3901	09	15.5	18	SF			3	C			
	BIGB	09	2121	2123	2132	S11	E75	3901	09	15.5	11	SF			3	C	2123	60	
0223	PALE	09	2134	2134	2139	S23	W83	3883	09	3.5	5	SF			3	C			
0224	PALE	09	2141	2144	2152	S12	E77	3901	09	15.7	11	SF			3	C			
0225	PALE	09	2203	2214	2227D	S12	E79	3901	09	15.9	24D	SF			3	C			
0226	LEAR	10	0223	0223	0229	S13	E84	3901	09	16.4	6	SN	C 5.0	3	C				
0227	LEAR	10	0438	0440	0442	S12	E16	3895	09	11.4	4	SF			3	C		29	
0228		10	0443	0444	0451	S16	E84	3901	09	16.6	8	1F					52		D
	ABST	10	0443E	0444U	0445D	S18	E89	3901	09	17.0	2D	1F			P	0444	87		D
	LEAR	10	0443	0444	0451	S13	E78	3901	09	16.1	8	SF			3	C		16	
0229		10	05241	05262	0534	S13	E73	3901	09	15.7	10	SN					20		H
	LEAR	10	0524	0526	0535	S15	E75	3901	09	15.9	11	SN			3	C			H
	CULG	10	0525	0528	0534	S11	E71	3901	09	15.6	9	SF			C	0528	20		
0230	KAND	10	0808E		0827	S09	E21	3895	09	11.9	19D	SN			C				
0231	KAND	10	0808E		0817	S07	E14	3895	09	11.4	9D	SN			C				
0232	KAND	10	0808E		0827	S07	E05	3895	09	10.7	19D	SN			C				

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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	
																	Apparent (10-6 Disk)	Corr (Sq Deg)		
0233		10	08237	08273	0843	N11	W67	3885	09	5.3	20	1N	C	6.9			177	3.0	EF	
	WEND	10	0823	0827	0846	N09	W68	3885	09	5.2	23	1N			C	0827	156			
	LEAR	10	0823	0828	0850	N12	W64	3885	09	5.5	27	1N	C	6.9	3	C		305		F
	HTPR	10	0823	0829	0842	N10	W64	3885	09	5.5	19	1N			C	0829	120	2.5	E	
	KAND	10	0824	0830	0834	N10	W67	3885	09	5.3	10	1B			C					
	YUNN	10	0826	0827	0845	N11	W64	3885	09	5.5	19	1B			C		157	3.6	E	
	MONT	10	0827	0829	0841	N11	W75	3885	09	4.7	14	1B			C	0829	300			
	PEKG	10	0827E	0830	0845	N13	W67	3885	09	5.3	180	1N			P	0830	92		E	
	CATA	10	0830	0830	0840	N12	W66	3885	09	5.4	10	1			C	0830	112			
0234		10	0912*	09322	0944	S06	E15	3895	09	11.5	32	SN					56	.6	E	
	HTPR	10	0912	0932	0945	S06	E16	3895	09	11.6	33	SN			C	0932	80	.8	E	
	YUNN	10	0928	0934	0950D	S06	E14	3895	09	11.4	22D	SN			P		31	.3	E	
	KAND	10	0929		0943	S06	E15	3895	09	11.5	14	SN			C					
0235		10	0955		1035	S22	E25	3902	09	12.3	40	SF					80	.9	E	
	HTPR	10	0955		0958D	S22	E25	3902	09	12.3	3D	SF			C	0958	80	.9	E	
	HTPR	10	1010E		1035	S22	E25	3902	09	12.3	25D	SF			C	1010	80	.9	E	
0236		10	11241	11259	1142	S10	E08	3895	09	11.1	18	1N					126	1.3	EU	
	HTPR	10	1124		1145D	S10	E08	3895	09	11.1	21D	SN			C	1128	100	1.0	EU	
	CATA	10	1125	1125	1200D	S10	E07	3895	09	11.0	35D	1			P	1125	197	2.1		
	WEND	10	1125	1131	1141	S09	E09	3895	09	11.1	16	SF			C	1131	81	.9		
	KAND	10	1125	1134	1143	S09	E06	3895	09	10.9	18	1N			C				U	
0237		10	1148	1158	1206	N10	W68	3885	09	5.4	18	SN								
	KAND	10	1148		1201	N09	W70	3885	09	5.2	13	SN			C					
	KANZ	10	1158E	1158	1210	N10	W66	3885	09	5.5	12D	SF				1				
0238	HTPR	10	1218		1242D	S22	E24	3902	09	12.3	24D	SN			C	1240	100	1.1	E	
0239	HTPR	10	1301E		1445	S22	E24	3902	09	12.4	104D	SF			C	1317	80	.9	E	
0240	KANZ	10	1502	1506	1518	N10	W04	3890A	09	10.3	16	SF				2				
0241		10	1616	1616*	1712	S12	E73	3901	09	16.2	56	SF					25		K	
	RAMY	10	1616	1616	1712	S12	E73	3901	09	16.2	56	SF			3	C	25		K	
	RAMY	10	1616	1644	1712	S12	E73	3901	09	16.2	56	SF			3	C			K	
0242		10	1640*	17223	1742	S12	E68	3901	09	15.8	62	SN	C	3.1			24		F	
	HOLL	10	1640	1722	1747D	S13	E66	3901	09	15.7	67D	SN	C	3.1	3	C	34		F	
	RAMY	10	1713	1725	1742	S12	E69	3901	09	15.9	29	SN			3	C	13			
0243	HOLL	10	1757	1758	1806	S14	E64	3901	09	15.6	9	SF			3	C	35			
		10	2038		2109	No Flare Patrol														
0244		10	21422	2144	2150	S12	E63	3901	09	15.6	8	SF					72	.4		
	VORO	10	2142	2144	2149	S13	E63	3901	09	15.6	7	SF			C	2144	125			
	CULG	10	2144	2144	2150	S10	E63	3901	09	15.6	6	SF			C	2144	20	.4		
0245		10	2320	2323	2324	S21	E16	3902	09	12.2	4	SF					65	.8		
	MANI	10	2316E	2316U	2335D	S21	E16	3902	09	12.2	19D	SF			1	V	50	.6		
	CULG	10	2320	2323	2324	S21	E16	3902	09	12.2	4	SF			C	2323	80	.9		
0246		11	00222	00241	0033	S13	E62	3901	09	15.7	11	SN	C	3.0			114	1.3	DE	
	VORO	11	0022	0024	0031	S13	E63	3901	09	15.8	9	1N			C	0024	242			
	CULG	11	0023	0024	0034	S11	E61	3901	09	15.6	11	SB			C	0024	60	1.3		
	LEAR	11	0024	0025	0035	S14	E62	3901	09	15.7	11	SB	C	3.0	3	C	68		E	
	PEKG	11	0025E	0025U	0030D	S15	E63	3901	09	15.8	5D	SF			P	0025	84		D	
0247		11	03331	0335	0340	S22	E12	3902	09	12.1	7	SN					48	.6	EJ	
	CULG	11	0333	0335	0339	S22	E12	3902	09	12.1	6	SN			C	0335	50	.6	J	
	YUNN	11	0334	0335	0341	S23	E11	3902	09	12.0	7	SN			C		47	.6	E	
0248	ABST	11	0457	0500	0515	S22	E10	3902	09	12.0	18	1N			C	0500	174	2.1	EK	
0249		11	05184	0521*	0554	N12	W80	3885	09	5.2	36	1N					153		CDEFJKY	
	ABST	11	0518	0525	0600	N14	W78	3885	09	5.3	42	1N			C	0525	174		F	
	TACH	11	0519	0521	0531D	N10	W80	3885	09	5.2	12D	1B			C	0521	265		CD	
	CULG	11	0522	0526	0540	N09	W75	3885	09	5.6	18	1B			C	0526	90		J	
	PEKG	11	0524E	0525	0545	N12	W79	3885	09	5.3	21D	SF			C	0525	63		EK	
	LEAR	11	0524E	0531U	0551D	N13	W79	3885	09	5.3	27D	1F			2	C	175			
	YUNN	11	0525E	0533	0609	N11	W89	3885	09	4.5	44D				P				Y	

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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	Imp See	Obs Type	Time (UT)	Area Measurement		Remarks	
																	Apparent (10 <sup>-6</sup> Disk)	Corr (Sq Deg)		
0250		11	0607	0609	0616	S22	E10	3902	09	12.0	9	SN					58	.7	DF	
	CULG	11	0607	0609	0617	S21	E11	3902	09	12.1	10	SN			C	0609	100	1.2	F	
	YUNN	11	0609E	0610U	0615	S22	E09	3902	09	11.9	6D	SN			P	0610	16	.2	D	
0251		11	06306	06384	0658	S12	E66	3901	09	16.2	28	SN	C 3.6				38		E	
	YUNN	11	0630	0638	0701	S12	E65	3901	09	16.2	31	SN			C		47		E	
	LEAR	11	0636	0642	0655	S12	E66	3901	09	16.2	19	SF	C 3.6	3	C		28			
0252	HTPR	11	0647E		0710	S14	E03	3895	09	11.5	23D	SF			C	0647	40	.4		
0253		11	0739*	0740*	0836	S22	E10	3902	09	12.1	57	SN	C 2.8				123	1.1	EKLT	
	KAND	11	0707E		0818D	S21	E12	3902	09	12.2	71D	SB			C				T	
	LEAR	11	0739	0740	0745	S22	E11	3902	09	12.2	6	SF		3	C		24			
	HTPR	11	0748	0752	0755	S21	E10	3902	09	12.1	7	SF			C	0752	50	.5	E	
	KANZ	11	0804	0829	0847	S22	E12	3902	09	12.2	43	SN				2			L	
	HTPR	11	0805		0902D	S21	E10	3902	09	12.1	57D	SB			C	0831	150	1.5	E	
	LEAR	11	0810	0817	0847	S22	E11	3902	09	12.2	37	SF	C 2.8	3	C		39		K	
	LEAR	11	0810	0829	0847	S22	E11	3902	09	12.2	37	SF	C 2.8	3	C		159		K	
	KHAR	11	0820E		0836D	S23	E09	3902	09	12.0	16D	SF			P	0826			L	
	ISTA	11	0820		0843	S23	E11	3902	09	12.2	23	SF								
	WEND	11	0822	0830	0845	S21	E09	3902	09	12.0	23	SN			C	0830	75	.8		
	PEKG	11	0825E	0831	0905	S23	E10	3902	09	12.1	40D	SF			P	0831	109	1.3	E	
	PURP	11	0826	0827	0848	S22	E11	3902	09	12.2	22	SF			C	0827	58	.7		
MONT	11	0827	0834	0843	S23	E10	3902	09	12.1	16	1N			C	0834	400				
CATA	11	0830E	0830	0830D	S23	E10	3902	09	12.1	16D	1			P	0830	169	2.0			
0254	HTPR	11	1022	1022	1035	S22	E10	3902	09	12.2	13	SF			C	1023	60	.6	E	
0255		11	1105*	1124*	1147	S22	E09	3902	09	12.1	42	SN					120	1.2	EHL	
	KHAR	11	1040E		1104D	S23	E09	3902	09	12.1	24D	SF			P	1042			EHL	
	HTPR	11	1105	1152	1158	S22	E09	3902	09	12.1	53	SN			C	1152	120	1.2	E	
	KANZ	11	1116	1124	1136	S22	E10	3902	09	12.2	20	SN				2			L	
0256		11	1144*	1213*	1254	S22	E09	3902	09	12.2	70	SN					60	.6	EK	
	RAMY	11	1144	1213	1257	S22	E08	3902	09	12.1	73	SN			3	C	72		K	
	RAMY	11	1144	1243	1257	S22	E08	3902	09	12.1	73	SF			3	C	47		K	
	KANZ	11	1208	1228	1255	S22	E09	3902	09	12.2	47	SN			1				K	
	HTPR	11	1212	1222	1247	S22	E10	3902	09	12.3	35	SN			C	1222	60	.6	E	
0257		11	12122	1216*	1230	S12	E61	3901	09	16.1	18	SN					21	.4		
	KANZ	11	1212	1216	1232	S12	E62	3901	09	16.2	20	SN				1				
	WEND	11	1212	1217	1218	S12	E59	3901	09	15.9	6	SF			C	1217	13	.3		
	RAMY	11	1213	1216	1240	S12	E60	3901	09	16.0	27	SN			3	C	30			
	HTPR	11	1214	1229	1230	S14	E62	3901	09	16.2	16	SN			C	1220	20	.4		
0258	RAMY	11	1324	1326	1337	S22	E07	3902	09	12.1	13	SF	C 1.9	3	C		28			
0259	RAMY	11	1346	1347	1357	S22	E09	3902	09	12.3	11	SN				3	C	41		
0260	RAMY	11	1402	1409	1413	S21	E07	3902	09	12.1	11	SF				3	C	25		
0261		11	14402	14432	1458	S21	E07	3902	09	12.1	18	SN	C 1.9				53	.6	E	
	HOLL	11	1440	1443	1508	S21	E06	3902	09	12.1	28	SN			3	C	47			
	RAMY	11	1442	1443	1456	S21	E06	3902	09	12.1	14	SN	C 1.9	3	C		53			
	HTPR	11	1442	1445	1451	S22	E08	3902	09	12.2	9	SB			C	1445	60	.6	E	
0262	HTPR	11	1501	1503	1512	S22	E09	3902	09	12.3	11	SN			C	1503	40	.4		
0263		11	15301	15301	1542	S22	E08	3902	09	12.3	12	SB					32	.3		
	HOLL	11	1530	1530	1543	S22	E06	3902	09	12.1	13	SB				3	C	35		
	HTPR	11	1531	1531	1542	S22	E09	3902	09	12.3	11	SB			C	1531	30	.3		
		11	1615		1645	No Flare Patrol														
	11	1709		1731	No Flare Patrol															
	11	1846		2007	No Flare Patrol															
0264	HOLL	11	2028	2028	2040	S14	E58	3901	09	16.2	12	SF			3	C	30		F	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks	
																Apparent (10-6 Disk)	Corr (Sq Deg)		
0265		12	0008*	0014*	0044	N16	W15		09	10.9	36	SF				57	.7	DFGS	
	CULG	12	0008	0014	0045	N17	W16		09	10.8	37	SF		C	0014	120	1.3	F	
	LEAR	12	0011	0018U	0031	N15	W15		09	10.9	20	SF	3	C		28		FS	
	PALE	12	0015E	0015U	0048D	N16	W16		09	10.8	33D	SF	3	C		58			
	PURP	12	0032	0037	0057	N17	W15		09	10.9	25	SF		P	0037	26	.3	G	
PEKG	12	0035E	0039	0041	N18	W13		09	11.0	6D	SF		P	0039	55	.6	D		
0266		12	03157	03192	0333	S11	W03	3895	09	11.9	18	SF				43	.4	F	
	LEAR	12	0315	0319	0337	S12	W03	3895	09	11.9	22	SF	3	C		48		F	
	CULG	12	0318	0321	0326	S11	W03	3895	09	11.9	8	SF		C	0321	40	.4		
	PALE	12	0322	0322U	0337	S11	W02	3895	09	12.0	15	SF	3	C		42		F	
0267	CULG	12	0440	0459	0537D	S12	W19	3890B	09	10.8	57D	1B		P	0459	250	2.7	EFJ	
0268		12	06556	0657*	0728	S12	W06	3895	09	11.8	33	SN				144	1.8	BF	
	PEKG	12	0655	0701	0710D	S12	W06	3895	09	11.8	15D	SN		P	0701	168	1.8	F	
	LEAR	12	0656	0657	0722	S11	W05	3895	09	11.9	26	SF	3	C		79		F	
	CATA	12	0700	0700	0725	S13	W06	3895	09	11.8	25	1	2	C	0700	253	2.8		
	PURP	12	0701	0715	0724	S13	W06	3895	09	11.8	23	SN		C	0715	77	.9		
	KANZ	12	0710E		0742	S14	W06	3895	09	11.8	32D	SF	1					B	
0269	KANZ	12	0821	0821	0837	S08	W10	3895	09	11.6	16	SF	3						
0270		12	09062	0910	0918	S23	W04	3902	09	12.1	12	SN				97	1.2	DL	
	KANZ	12	0906	0910	0918	S23	W03	3902	09	12.1	12	SN	3						
	KHAR	12	0907E	0910U	0919D	S24	W04	3902	09	12.1	12D	SN		P	0910	100	1.2	DL	
	LEAR	12	0908	0910	0918	S23	W04	3902	09	12.1	10	SF	3	C		94			
0271	KHAR	12	1007E		1040D	S12	E77	3905	09	18.2	33D	SF		V				DH	
0272		12	1009	1009	1017	S08	W18	3890B	09	11.1	8	SF				120	1.3	E	
	KANZ	12	1009	1009	1017	S07	W16	3890B	09	11.2	8	SF	3						
	KHAR	12	1013E		1021D	S08	W19	3890B	09	11.0	8D	SF		P	1017	120	1.3	E	
0273		12	1100	1116	1203	S17	W08	3902	09	11.8	63	1N						HL	
	KANZ	12	1100	1116	1203	S16	W08	3902	09	11.8	63	SN	3					LH	
	KHAR	12	1120E		1140D	S18	W09	3902	09	11.8	20D	1F		V	1127			L	
0274		12	1128	1246	1312	S17	E86	3905	09	19.0	104	SN							
	KHAR	12	1124E		1140D	S19	E85	3905	09	19.0	16D	SF		V	1127				
	KANZ	12	1128	1246	1312	S15	E86	3905	09	19.0	104	SN	3						
0275	KANZ	12	1215	1223	1338	S16	W08	3902	09	11.9	83	1N	3					FH	
0276	WEND	12	1241	1243	1256	S12	W10	3895	09	11.8	15	SF		C	1243	25	.3	E	
0277	KANZ	12	1346	1346	1357	N16	W23		09	10.8	11	SF	3					G	
0278		12	15392	1605*	1707D	S15	W10	3895	09	11.9	88D	1N				321	3.2	FZ	
	WEND	12	1539	1623	1642D	S16	W09	3895	09	12.0	63D	1N		C	1623	294	3.2	FZ	
	KANZ	12	1541	1605	1626D	S14	W11	3895	09	11.8	45D	1N	3						
	HOLL	12	1606E	1611	1707D	S14	W11	3895	09	11.8	61D	1N	3	C		348		F	
			12	1708		1711	No Flare Patrol												
0279		12	1712E	1712U	1736	S14	W12	3895	09	11.8	24D	SN				89			
	PALE	12	1712E	1712U	1727	S13	W10	3895	09	12.0	15D	SF	2	C		85			
	PALE	12	1712E	1712U	1745	S15	W15	3895	09	11.6	33D	SN	2	C		93			
			12	1951		2001	No Flare Patrol												
		12	2019		2030	No Flare Patrol													
0280	VORO	12	2157E	2200	2207	S16	E70	3905	09	18.2	10D	SN		P	2200	81		EJ	
0281	VORO	12	2157	2202	2207	S07	W23	3890B	09	11.2	10	SF		C	2202	134	1.5	E	
0282		12	2359	2401	2419	S16	E71	3905	09	18.4	20	SF				197		EJK	
	VORO	12	2237E		2432	S16	E70	3905	09	18.2	115D	1N		P	2348	197		EJK	
	PALE	12	2355E	2401U	2417	S15	E73	3905	09	18.5	22D	SF	3	C					
	HOLL	12	2359	2401	2409	S18	E71	3905	09	18.4	10	SF	3	C					



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																(10-6 Disk)	Apparent	Corr (Sq Deg)	
0307		14	07521	07532	0757	N00	E52	3906	09	18.2	5	SF				36	.6		DEH
	ISTA	14	0752		0757	N00	E53	3906	09	18.3	5	SN							D
	PURP	14	0753E	0753	0753D	S00	E53	3906	09	18.3	5D	SF		P	0753	52	.9		E
	HTPR	14	0753	0755	0757	N01	E51	3906	09	18.1	4	SF		C	0755	20	.3		
	KHAR	14	0812E		0830D	N00	E52	3906	09	18.2	18D	SF		V	0812				H
0308	KHAR	14	0812E		0817D	S14	W37	3895	09	11.5	5D	SF		V	0812				L
0309	KANZ	14	0823	0841	0853	N10	W57	3890	09	10.1	30	1F							3
0310		14	12178	12215	1257	S17	E51	3905	09	18.4	40	SN				104	1.2		EL
	KANZ	14	1217	1221	1301	S17	E51	3905	09	18.4	44	SN			3				L
	HTPR	14	1220	1226	1255	S17	E51	3905	09	18.4	35	SB		C	1226	80	1.2		E
	RAMY	14	1225	1225	1256	S16	E51	3905	09	18.4	31	SN		C		127			
0311	KANZ	14	1343	1343	1351	N16	E83	3908	09	20.9	8	SN			3				
0312	HTPR	14	1407	1411	1419	N15	E83	3910	09	20.9	12	SF		C	1411	20			
0313	HTPR	14	1438	1442	1450	S14	E47	3905	09	18.2	12	SN		C	1442	20	.3		
0314	HTPR	14	1520	1523	1526	S14	E47	3905	09	18.2	6	SN		C	1523	20	.3		
0315	HOLL	14	1834	1834	1838	S08	W50	3895	09	11.0	4	SF		3	C		17		F
0316		14	2011	2024	2045	N16	E74	3908	09	20.4	34	SN	C 2.9			40			
	HOLL	14	2011	2024	2045	N15	E72	3908	09	20.3	34	SN	C 2.9	3	C	40			
	PALE	14	2015E	2029U	2041D	N18	E75	3908	09	20.5	26D	SF		3	C				
0317	HOLL	14	2229	2230	2254	N01	E44	3906	09	18.2	25	SF		3	C		41		
0318	HOLL	15	0009	0012	0026D	S11	W72	3899	09	9.6	17D	SF		3	C				
0319		15	0023*	0026*	0240	N16	E71	3908	09	20.4	137	SN	C 4.9			62			EF
	HOLL	15	0023	0026	0026D	N17	E77	3908	09	20.9	3D	SF		3	C	9			
	PURP	15	0026E	0026U	0242	N15	E69	3908	09	20.2	136D	SB		C	0026	58			
	LEAR	15	0155	0221	0251D	N16	E70	3908	09	20.4	56D	1B	C 4.9	3	C	138			FE
	PURP	15	0200E	0200	0200D	N15	E70	3908	09	20.4	56D	SN		P	0200	35			
	CULG	15	0216	0220	0243	N19	E69	3908	09	20.3	27	1N		C	0220	80			F
PEKG	15	0216E	0223	0235	N15	E70	3908	09	20.4	19D	SN		P	0223	55			E	
0320		15	0602	06037	0624	N15	E70	3908	09	20.5	22	1B				156			EF
	LEAR	15	0602	0603	0632	N15	E70	3908	09	20.5	30	1B		2	C	195			FE
	PEKG	15	0603E	0610	0615	N15	E69	3908	09	20.5	12D	SN		P	0610	118			E
0321		15	07362	07381	0754	S17	E42	3905	09	18.5	18	SN				20	.3		
	HTPR	15	0736	0739	0751	S18	E40	3905	09	18.4	15	SN		C	0739	20	.3		
	KANZ	15	0738	0738	0758	S16	E43	3905	09	18.6	20	SF		3					
0322		15	0730*	0750*	0817	N16	E66	3908	09	20.3	47	SN	C 2.7			24	.6		EL
	PEKG	15	0730	0754	0806D	N15	E67	3908	09	20.4	36D	SN		C	0754	25			E
	KANZ	15	0746	0750	0816	N17	E67	3908	09	20.4	30	SN			3				L
	LEAR	15	0749E	0801U	0826	N15	E67	3908	09	20.4	37D	SF	C 2.7	2	C	23			
	WEND	15	0750	0756	0805	N17	E68	3908	09	20.5	15	SN		C	0756	16			
HTPR	15	0750	0801	0820	N15	E64	3908	09	20.2	30	SN		C	0801	30	.6			
0323		15	07424	0754*	0857	S14	E10	3901	09	16.1	75	SF				131	1.3		EF1
	HTPR	15	0742	0803	0930	S13	E08	3901	09	15.9	108	SN		C	0803	150	1.5		EI
	PEKG	15	0745	0754	0801D	S14	E08	3901	09	15.9	16D	SF		P	0754	126	1.4		E
	KANZ	15	0746	0808	0851	S14	E11	3901	09	16.1	65	1N			3				
	LEAR	15	0749E	0806U	0829	S14	E13	3901	09	16.3	40D	SF		2	C	147			F
WEND	15	0800E		0836D	S16	E10	3901	09	16.1	36D	SF		C	0811	100	1.1			
0324	WEND	15	0853	0854	0859	N15	E74	3910	09	21.0	6	SN		C	0854	28			
0325		15	13326	13392	1356	N16	E65	3908	09	20.5	24	1N				146	1.6		D
	LVOV	15	1332	1339	1352	N15	E67	3908	09	20.6	20	2F		C	1339	300			D
	RAMY	15	1334	1339	1408	N16	E64	3908	09	20.4	34	SN		3	C	59			
	KANZ	15	1335	1339	1351	N16	E66	3908	09	20.6	16	SN			3				
	HTPR	15	1338	1341	1351	N15	E62	3908	09	20.3	13	SN		C	1341	80	1.6		

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0326	RAMY	15	1645	1645	1705	N16 E81	3910	09 21.8	20	SF	3	C					
0327		15	1658	1706	1730	S15 E36	3905	09 18.4	32	SF C 2.3				44		F	
	RAMY	15	1658	1706	1730	S16 E36	3905	09 18.4	32	SF C 2.3	3	C		60			
	HOLL	15	1712E	1713U	1719D	S14 E37	3905	09 18.5	7D	SF	3	C		28		F	
0328		15	1728	1729*	1756	S14 E04	3901	09 16.0	28	SF				40		F	
	RAMY	15	1728	1729	1736	S13 E03	3901	09 15.9	8	SF	3	C		27		F	
	RAMY	15	1728	1750	1815	S14 E05	3901	09 16.1	47	SF	3	C		54			
0329		15	1817I	1824E	1902	N17 E60	3908	09 20.3	45	2B				731		EFU	
	RAMY	15	1817	1826	1903	N17 E61	3908	09 20.4	46	3B	3	C		1348		FE	
	HOLL	15	1818	1824	1903	N18 E60	3908	09 20.3	45	1B	3	C		298		UE	
	PALE	15	1824E	1824U	1900	N17 E60	3908	09 20.3	36D	2B	3	C		546		UE	
		15	2035		2048	No Flare Patrol											
0330	CULG	15	2249	2254	2307	S14 E04	3901	09 16.2	18	SF			C	2254	100	1.1	FJ
		16	0132		0136	No Flare Patrol											
0331	CULG	16	0316	0318	0321	S13 E24	3905	09 17.9	5	SN			C	0318	20	.2	
		16	0332		0335	No Flare Patrol											
0332	CULG	16	0509	0510	0513	S12 E22	3905	09 17.9	4	SN			C	0510	20	.2	
0333	ISTA	16	0655		0708D	N01 E23	3906	09 18.0	13D	SB							D
0334		16	0659I	0659E	0703	S14 E22	3905	09 17.9	4	SN				32	.3		
	KANZ	16	0659	0659	0703	S13 E22	3905	09 17.9	4	SN	3						
	LEAR	16	0659	0700	0702	S14 E22	3905	09 17.9	3	SF	3	C		35			
	HTPR	16	0700	0702	0705	S14 E22	3905	09 17.9	5	SN			C	0702	30	.3	
0335	KANZ	16	0659	0659	0703	S13 W03	3901	09 16.1	4	SF	3						
0336	KAND	16	0727		0736	S16 E26	3905	09 18.3	9	SF			C				
0337	KAND	16	0741		0805	S16 E26	3905	09 18.3	24	SF			C			T	
0338	KAND	16	0809		0823	S16 E26	3905	09 18.3	14	SF			C				
0339		16	0834*	0858	0910	S16 E28	3905	09 18.5	36	SF				120	1.3	E	
	KAND	16	0834		0922D	S16 E26	3905	09 18.3	48D	SF			C				
	HTPR	16	0848	0858	0910	S16 E29	3905	09 18.6	22	SF			C	0858	120	1.3	E
0340	HTPR	16	1103	1104	1107	S15 E49	3907	09 20.2	4	SF			C	1104	40	.6	
0341	KAND	16	1131		1137	S16 E26	3905	09 18.4	6	SN			C				
0342	RAMY	16	1322	1324	1340	S15 E25	3905	09 18.4	18	SN	3	C		47			
0343	HTPR	16	1324	1326	1330	S15 E48	3907	09 20.2	6	SF			C	1326	20	.3	
0344		16	1328E	1330*	1357D	N26 E41	3908	09 19.7	29D	SB				88		KZ	
	HOLL	16	1328E	1330	1357D	N26 E41	3908	09 19.7	29D	SN	3	C		100		K	
	HOLL	16	1328E	1356	1357D	N26 E41	3908	09 19.7	29D	SB	3	C		75		ZK	
0345	HTPR	16	1555E		1620D	N16 W08	3909	09 16.0	25D	SF			C	1610	20	.2	
0346		16	1750E	1750E	1758	N18 E50	3908	09 20.5	8	SN				30			
	RAMY	16	1750	1750	1802	N20 E51	3908	09 20.6	12	SN	3	C		30			
	RAMY	16	1752	1752	1754	N17 E48	3908	09 20.4	2	SF	3	C		29			
		16	2014		2035	No Flare Patrol											
0347	ABST	17	0453E	0454U	0458D	N16 W25	3909	09 15.3	5D	SN			P	0454	87	.9	D

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																	Apparent (10-6 Disk)	Corr (Sq Deg)		
0348	HTPR	17	0621E		0840	N16	W26	3909	09	15.3	139D	SN			C	0737	120	1.3	E	
0349	WEND	17	0646	0652	0711	N16	W27	3909	09	15.2	25	SF			C	0652	44	.5		
0350	YUNN	17	0713	0717	0732	N16	W26	3909	09	15.3	19	SN			C		32	.4	D	
0351	KANZ	17	0745	0745	0757	S14	E13	3905	09	18.3	12	SF		2						
0352		17	0807	08181	0830	N18	W24	3909	09	15.5	23	SF					63	.7		
	WEND	17	0807	0818	0830	N17	W25	3909	09	15.4	23	SF			C	0818	63	.7		
	KANZ	17	0807	0819	0831	N18	W24	3909	09	15.5	24	SF		3						
0353	KANZ	17	0819	0823	0835	S10	W78	3895	09	11.5	16	SF		3						
0354		17	08351	08352	0842	S14	E13	3905	09	18.3	7	SN					30	.3	E	
	KANZ	17	0835	0835	0843	S14	E12	3905	09	18.3	8	SN		3						
	HTPR	17	0836	0837	0841	S15	E14	3905	09	18.4	5	SN			C	0837	30	.3	E	
0355	HTPR	17	1137	1138	1210	N20	E48	3908	09	21.1	33	SN			C	1138	70	1.0	E	
0356	KHAR	17	1138E	1141U	1151D	N11	E48	3910	09	21.1	13D	1N			P	1141	200	2.8	E	
0357	HTPR	17	1306	1328	1333	S14	E07	3905	09	18.1	27	SF			C	1328	30	.3	E	
0358	HTPR	17	1327	1356	1430	N20	E41	3908	09	20.7	63	SB			C	1356	40	.5	E	
0359	LVOV	17	1328	1354	1433	S13	E42	3907	09	20.7	65	SF			C	1354	100	1.5	D	
0360	HTPR	17	1353	1356	1408	S14	E07	3905	09	18.1	15	SN			C	1356	60	.6	E	
0361	HTPR	17	1429		1437D	S14	E07	3905	09	18.1	8D	SN			C	1437	30	.3		
0362	HOLL	17	1522	1532	1540	N22	E54	3908	09	21.8	18	SF		3	C		25			
0363		17	15221	15221	1536	S12	E08	3905	09	18.2	14	SN					75	1.0	F	
	HOLL	17	1522	1522	1531	S12	E08	3905	09	18.2	9	SN		3	C		50		F	
	BIGB	17	1523	1523	1540	S12	E08	3905	09	18.2	17	SN		3	C	1523	100	1.0		
		17	1645		1728	No Flare Patrol														
		17	1856		1901	No Flare Patrol														
		17	2048		2100	No Flare Patrol														
		17	2112		2142	No Flare Patrol														
		17	2200		2247	No Flare Patrol														
0364	LEAR	18	0303	0304	0319	N19	E36	3908	09	20.9	16	SN		3	C		79		F	
0365	PEKG	18	0335	0340	0355	S18	W37	3901	09	15.3	20	SF			P	0340	42	.6	D	
0366	LEAR	18	0450	0453	0500	N17	E35	3908	09	20.9	10	SF		3	C		20			
0367	ABST	18	0539	0544	0559D	N17	W38	3909	09	15.3	20D	SN			P	0544	131	1.7	EK	
0368	ABST	18	0549	0551	0559D	S08	E26	3907	09	20.2	10D	SF			P	0551	87	1.0	DJ	
0369		18	05551	05574	0612	N16	E28	3908	09	20.4	17	SN					86	1.0	DEV	
	PEKG	18	0555	0601	0612	N15	E28	3908	09	20.4	17	SF			P	0601	42	.5	D	
	ABST	18	0556	0557	0559D	N16	E28	3908	09	20.4	3D	SN			P	0557	131	1.5	EV	
0370	LEAR	18	0657	0657	0708	N18	E34	3908	09	20.9	11	SF		3	C		21			
0371	LEAR	18	0755	0757	0802	S17	W02	3905	09	18.2	7	SF		3	C		38			
0372	KANZ	18	1035	1035	1047	N16	E25	3908	09	20.3	12	SF		3						
0373	HTPR	18	1104	1118	1145	N16	W40	3909	09	15.4	41	SF			C	1118	60	.8		
0374		18	11341	11381	1152	S09	W09	3905	09	17.8	18	SF					65	.6	EG	
	KANZ	18	1134	1138	1149	S09	W09	3905	09	17.8	15	SF		3					G	
	HTPR	18	1135	1139	1156	S09	W09	3905	09	17.8	21	SN			C	1139	30	.3	E	
	KHAR	18	1137E		1152D	S09	W10	3905	09	17.7	15D	SF			P	1142	100	1.0	E	

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																	Apparent (10-6 Disk)	Corr (Sq Deg)		
0375		18	1217*	1404*	1448	N18	E30	3908	09	20.8	151	SN	C	1.0			147			
	RAMY	18	1217	1404	1503	N19	E29	3908	09	20.7	166	SN	C	1.0	3	C		147		
	KANZ	18	1402	1418	1433	N18	E30	3908	09	20.9	31	SN			3					
0376	KANZ	18	1505	1505	1509	S09	W20	3901	09	17.1	4	SN			3					
0377	RAMY	18	1623	1625	1632	N18	E27	3908	09	20.7	9	SN	C	.9	3	C		33		
0378	PALE	18	1832	1832	1839	N01	W10	3906	09	18.0	7	SF	C	.8	3	C		27	F	
0379	PALE	18	1907	1908	1913	N17	E34	3910	09	21.4	6	SF			3	C		23		
0380		18	23504	23533	2406	S09	E17	3907	09	20.3	16	SN					63	.7	D	
	BIGB	18	2350	2353	2420E	S09	E17	3907	09	20.3	30	SN			3	P	2353	80	.9	
	PEKG	18	2354	2356	2406	S09	E17	3907	09	20.3	12	SF			C	2356	46	.5	D	
0381	LEAR	19	0217	0217	0224	S16	W12	3905	09	18.2	7	SF			3	C		20		
0382	PEKG	19	0308	0309	0317	N01	W12	3906	09	18.2	9	SF				C	0309	71	.8	E
0383	ABST	19	0545	0547	0605	S02	W14	3906	09	18.2	20	SF				C	0547	87	.9	DJK
0384	ABST	19	0548	0551	0600	S12	E06	3907	09	19.7	12	SF				C	0551	87	.9	D
0385		19	0605	06052	0610	N16	E38	3914	09	22.1	5	SF					68	1.0	DE	
	LEAR	19	0605	0605	0609	N16	E39	3914	09	22.2	4	SF			3	C		24		
	PEKG	19	0605	0606	0610	N15	E39	3914	09	22.2	5	SF				P	0606	50	.6	E
	ABST	19	0605	0607	0610	N16	E37	3914	09	22.0	5	SN				C	0607	131	1.4	D
0386		19	08054	08092	0821	N15	E36	3914	09	22.1	16	SF					34	.4		
	KANZ	19	0805	0809	0820	N16	E37	3914	09	22.1	15	SF			2					
	WEND	19	0805	0811	0816	N17	E36	3914	09	22.1	11	SF				C	0811	31	.4	
	KHAR	19	0807E		0837D	N14	E37	3914	09	22.1	30D	SF				V	0815			
	LEAR	19	0809	0811	0826	N14	E34	3914	09	21.9	17	SF			3	C		37		
	KHAR	19	0821E		0827D	N14	E37	3914	09	22.1	6D	SF				V	0823			
0387	KANZ	19	0919	0919	0927	N16	E37	3914	09	22.2	8	SN			2					
0388		19	1351*	1436*	1804	S14	E06	3907	09	20.0	253	2B	C	9.2			789	7.5	EFLUZ	
	RAMY	19	1351	1436	1445D	S12	E02	3907	09	19.7	54D	2N			3	C	575		ZF	
	KANZ	19	1415	1503	1503D	S13	E06	3907	09	20.0	48D	2N			2				L	
	HOLL	19	1419	1512	1804	S15	E07	3907	09	20.1	225	2B	C	9.2	3	C	1091		UE	
	WEND	19	1503E	1516	1630D	S14	E07	3907	09	20.1	87D	2B				C	1516	700	7.5	
0389	HOLL	19	1435	1438	1509	S17	W19	3905	09	18.2	34	SF			3	C		31	F	
0390	HOLL	19	1808	1814	1815	S09	E06	3907	09	20.2	7	SF			3	C		25		
0391	PALE	19	1930	1932	1933	S17	E05	3907	09	20.2	3	SF			2	C		101		
0392	HOLL	19	1954	1954	2000	S09	E05	3907	09	20.2	6	SF			3	C		42	F	
0393	PALE	19	2032	2033	2036	N18	E26	3914	09	21.8	4	SF			2	C		37		
0394	PALE	19	2133	2134	2140	N16	E26	3914	09	21.9	7	SF			3	C		34		
0395		19	2257*	2259*	2341	N16	E29	3914	09	22.1	44	SF					168	2.0	EFLK	
	HOLL	19	2257	2259	2313	N15	E29	3914	09	22.1	16	SN			3	C		47		
	PEKG	19	2305	2310	2350	N16	E29	3914	09	22.2	45	SF				P	2310	168	2.0	EK
	PEKG	19	2305	2325	2350	N17	E29	3914	09	22.2	45	SF				P	2325	168	2.0	F
	HOLL	19	2315	2319	2338D	N15	E29	3914	09	22.2	23D	1N			3	C		427		F
	LEAR	19	2342E	2342U	2352	N16	E29	3914	09	22.2	10D	SF			3	C		29		F
0396	LEAR	20	0136	0143	0201	N18	E11	3908	09	20.9	25	SF			3	C		22	FH	
0397		20	02391	02401	0247	S08	W04	3907	09	19.8	8	SB	C	1.0			112	1.0	EF	
	CULG	20	0239	0240U	0240D	S05	W04	3907	09	19.8	1D	SN				P	0240	80	.8	
	PALE	20	0239	0240	0246	S09	W05	3907	09	19.7	7	SB	C	1.0	3	C		121		FE
	LEAR	20	0239	0240	0249	S09	W02	3907	09	20.0	10	SN			3	C		140		
	PEKG	20	0240	0241	0246	S09	W03	3907	09	19.9	6	SB				C	0241	109	1.2	E

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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)	
0398	PEKG	20	0305E	0305	0315	S09	E01	3907	09	20.2	10D	SF		P		0305	29	.3	D
0399		20	05334	05344	0540	S15	W03	3907	09	20.0	7	SF					69	.7	DEV
	ABST	20	0533	0534	0538	S14	W03	3907	09	20.0	5	SN		C		0534	87	.9	DV
	PEKG	20	0535E	0535	0539	S15	W02	3907	09	20.1	4D	SF		P		0535	34	.4	E
	ABST	20	0537	0538	0542	S16	W04	3907	09	19.9	5	SF		C		0538	87	.9	D
0400	KAND	20	0855E		0906	S12	W01	3907	09	20.3	11D	SN		C					
0401	KANZ	20	0919	0927	0943	N17	E20	3914	09	21.9	24	SF							2
0402		20	13063	1310	1314	N16	E11	3910	09	21.4	8	SN					42		
	KANZ	20	1306	1310	1314	N16	E11	3910	09	21.4	8	SF							2
	RAMY	20	1309	1310	1313	N16	E11	3910	09	21.4	4	SN		C			42		3
0403		20	14031	14051	1416	S12	W06	3907	09	20.1	13	SN					23		F
	KANZ	20	1403	1406	1417	S13	W04	3907	09	20.3	14	SF							2
	RAMY	20	1404	1405	1414	S12	W07	3907	09	20.0	10	SN		C			23		3
0404		20	16561	17012	1714	S12	W13	3907	09	19.7	18	SF					55	.7	
	RAMY	20	1656	1701	1712	S12	W13	3907	09	19.7	16	SF		C			40		
	B1GB	20	1657	1703	1717	S12	W13	3907	09	19.7	20	SF		C		1703	70	.7	
0405		20	17443	17462	1758	N21	W03	3908	09	20.5	14	SF					55	.8	F
	B1GB	20	1744	1746	1801	N21	W03	3908	09	20.5	17	SF		C		1746	80	.8	
	PALE	20	1747	1748	1755	N21	W03	3908	09	20.5	8	SF		C			30		F
		20	2338		2344	No Flare Patrol													
0406	PEKG	21	0306	0314	0324	N17	W07	3908	09	20.6	18	SF		P		0314	34	.4	E
0407	PEKG	21	0314E	0314	0330	S09	W13	3907	09	20.1	16D	SF		P		0314	59	.6	E
0408	PEKG	21	0504	0507	0512	S18	W18	3907	09	19.8	8	SF		P		0507	50	.6	D
0409		21	0600*	06047	0614	S16	W16	3907	09	20.0	14	SN					87	.9	DV
	ABST	21	0600	0604	0610	S18	W17	3907	09	19.9	10	SF		C		0604	87	.9	D
	ABST	21	0610	0611	0617	S14	W14	3907	09	20.2	7	SN		C		0611	87	.9	DV
0410	CATA	21	0625E	0630	0630D	S08	W14	3907	09	20.2	5D	S		P		0630	28	.3	
0411	PEKG	21	0725	0726	0729	N18	E12	3914	09	22.2	4	SF		P		0726	97	1.0	E
0412		21	08455	08504	0859	N16	E21	3915	09	22.9	14	SF					38	.4	E
	PURP	21	0845	0851	0857	N15	E22	3915	09	23.0	12	SF		C		0851	9	.1	E
	KANZ	21	0847	0850	0901	N17	E20	3915	09	22.9	14	SF							3
	PEKG	21	0850	0854	0855D	N16	E20	3915	09	22.9	5D	SF		P		0854	67	.8	E
0413		21	0853	08541	0900	N17	W06	3908	09	20.9	7	SF					25	.3	D
	PEKG	21	0853	0854	0855	N17	W06	3908	09	20.9	2	SF		C		0854	25	.3	D
	KANZ	21	0853	0855	0906	N17	W06	3908	09	20.9	13	SF							3
0414	KHAR	21	0859E		0908D	N16	E29	3915	09	23.6	9D	SF		V					D
0415	KHAR	21	0859E		0911D	N20	E04	3914	09	21.7	12D	SF		V		0859			E
0416	KANZ	21	0913		0913D	S17	W19	3907	09	19.9	12D	SF							3
0417		21	09183	09289	0958	N01	W43	3906	09	18.2	40	SN					131	2.2	EFG
	LEAR	21	0918	0928	0930D	N01	W41	3906	09	18.3	12D	SN		C			94		F
	YUNN	21	0920	0937	0955	S00	W43	3906	09	18.2	35	SB		C			80	1.1	
	KAND	21	0921		1002	N00	W43	3906	09	18.2	41	1B		C					
	KHAR	21	0925E	0926U	1013D	N03	W45	3906	09	18.0	48D	1F		V		0930	220	3.2	E
	KANZ	21	0929E	0929	0945D	S00	W42	3906	09	18.2	16D	SB							2
0418	KAND	21	0924E		0932	N14	W16	3908	09	20.2	8D	SN		C					D
0419	KAND	21	1012		1033	S17	W19	3907	09	20.0	21	SN		C					D

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Grp #	Sta	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	
																	Apparent (10-6 Disk)	Corr (Sq Deg)		
0420	KHAR	21	1107E	1109U	1113D	N18	W11	3908	09	20.6	6D	SN			V	1109			H	
		21	1334		1342			No Flare Patrol												
0421	RAMY	21	1540	1544	1608	N19	W03	3908	09	21.4	28	SF			3	C		32		
0422		21	1921	1924	1948	N14	W01	3910	09	21.7	27	SN	C 1.0					73	1.0	
	PALE	21	1921E	1921U	1946	N14	W01	3910	09	21.7	25D	SN	C 1.0	3	C			46		
	BIGB	21	1921	1924	1950	N14	W01	3910	09	21.7	29	SN		3	C	1924		100	1.0	
0423	PALE	21	2212	2238	2259	N18	W18	3908	09	20.5	47	SF		3	C			25		
0424		22	00011	00018	0013	S10	W26	3907	09	20.0	12	SF						65	.8	E
	CULG	22	0001	0001	0013	S08	W24	3907	09	20.2	12	SF			C	0001		30	.3	
	BIGB	22	0002	0008	0010D	S13	W27	3907	09	20.0	8D	SN		3	P	0008		110	1.3	
	PALE	22	0002	0009	0020	S13	W27	3907	09	20.0	18	SF		3	C			60		
	PEKG	22	0005E	0005	0007	S08	W25	3907	09	20.1	2D	SF			C	0005		59	.7	E
0425	PALE	22	0013	0021	0031	N18	W19	3908	09	20.6	18	SF		3	C			21		
0426		22	0517	0518	0543	N14	W17	3910	09	20.9	26	SN	C 1.1					70	.7	F
	CULG	22	0517E	0517U	0522D	N14	W18	3910	09	20.8	5D	SN			P	0517		60	.7	
	LEAR	22	0517	0518	0543	N15	W16	3910	09	21.0	26	SF	C 1.1	3	C			79		F
0427	ABST	22	0553E	0555	0626	N16	W18	3908	09	20.9	33D	1N			P	0555		217	2.4	E
0428		22	06121	0555*	0622	S14	W26	3907	09	20.3	10	SF						76	.9	DE
	ABST	22	0553E	0555	0610	S15	W28	3907	09	20.1	17D	SF			P	0555		87	1.1	D
	ABST	22	0612	0614	0640	S13	W25	3907	09	20.4	28	SN			C	0614		131	1.5	E
	CULG	22	0613	0614	0618	S13	W25	3907	09	20.4	5	SF			C	0614		60	.7	
	PURP	22	0617E	0617	0621	S14	W24	3907	09	20.4	4D	SF			P	0617		26	.3	
0429	KHAR	22	0917E		0940D	S10	E01	3913	09	22.5	23D	SF			V	0918				
0430		22	09222	09241	0935	N14	W15	3910	09	21.2	13	SB	C 2.3					83		DHL
	KHAR	22	0920E		0938D	N14	W15	3910	09	21.2	18D	SN			V	0922				DL
	LEAR	22	0922	0925	0935	N14	W14	3910	09	21.3	13	SB	C 2.3	3	C			83		H
	KAND	22	0924E		0932	N14	W16	3910	09	21.2	8D	SN			C					D
	KANZ	22	0924	0924	0937	N13	W14	3910	09	21.3	13	SB		3						
0431	KHAR	22	0926E		1042D	S13	W32	3907	09	20.0	76D	1F			V	0931				
0432	KHAR	22	0953E		0956D	N14	W16	3910	09	21.2	3D	SF			V	0953				DL
0433		22	1120	1124	1132	N14	W16	3910	09	21.3	12	SN								DL
	KHAR	22	1119E	1120U	1130D	N14	W16	3910	09	21.3	11D	SN			V	1120				DL
	KANZ	22	1120	1124	1132	N13	W15	3910	09	21.3	12	SN		2						D
0434	KANZ	22	1206	1232	1301D	S02	W56		09	18.3	55D	SN		2						H
		22	1302		1319			No Flare Patrol												
		22	1333		1345			No Flare Patrol												
		22	1400		1415			No Flare Patrol												
0435	KANZ	22	1416E	1420	1453D	S02	W57		09	18.3	37D	SN		3						L
0436	KANZ	22	1416E	1416	1423	S09	W02	3913	09	22.4	7D	SF		3						
0437		22	1420*	1427	1447	N14	W14	3910	09	21.5	27	SN								E
	KANZ	22	1420	1427	1447	N15	W13	3910	09	21.6	27	SF		3						E
	KANZ	22	1451		1453D	N13	W15	3910	09	21.5	2D	SN		3						
		22	1454		1522			No Flare Patrol												
0438	HOLL	22	1546	1620	1633	S13	W34	3907	09	20.1	47	SF		3	C			30		F
0439		22	1610	1612	1630	S09	W04	3913	09	22.4	20	SN						53	.8	F
	HOLL	22	1610	1612	1624	S09	W04	3913	09	22.4	14	SN		3	C			26		F
	BIGB	22	1610	1612	1636	S09	W04	3913	09	22.4	26	SN		3	C	1612		80	.8	

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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	
						Region	Lat	CMD								Apparent (10-6 Disk)	Corr (Sq Deg)		
0440	PALE	22	1809	1817	1820	S15	W34	3907	09	20.2	11	SF	3	C		23			
0441		22	18211	18222	1830	N13	W19	3910	09	21.3	9	SB C 2.9				73		EH	
	HOLL	22	1821	1824	1830	N13	W19	3910	09	21.3	9	SB C 2.9	3	C		47		EH	
	PALE	22	1822	1822	1830	N13	W19	3910	09	21.3	8	SB	3	C		99			
0442	PALE	22	1917	1921	1935	N13	W16	3910	09	21.6	18	SN	3	C		40		F	
0443		22	1952	1954	2001	N13	W20	3910	09	21.3	9	SB C 1.9				56		H	
	HOLL	22	1952	1954	1959	N13	W20	3910	09	21.3	7	SB	4	C		49		H	
	PALE	22	1952	1955	2003	N13	W20	3910	09	21.3	11	SB C 1.9	3	C		63		H	
0444		22	20231	20241	2030	S12	W37	3907	09	20.1	7	SB				38		H	
	HOLL	22	2023	2025	2031	S13	W36	3907	09	20.1	8	SB	4	C		42		H	
	PALE	22	2024	2024	2029	S11	W38	3907	09	20.0	5	SN	3	C		33			
0445		22	21091	21101	2119	N12	W21	3910	09	21.3	10	SB C 1.2				69	.8	H	
	BIGB	22	2109	2110	2121	N13	W21	3910	09	21.3	12	SB	3	C	2110	70	.8		
	PALE	22	2110	2111	2117	N11	W20	3910	09	21.4	7	SB	3	C		75			
	HOLL	22	2110	2111	2119	N13	W21	3910	09	21.3	9	SB C 1.2	4	C		62		H	
0446		22	23074	23105	2323	N13	W22	3910	09	21.3	16	SB C 2.0				90	1.0	DH	
	CULG	22	2307	2313	2318	N12	W23	3910	09	21.2	11	SB		C	2313	90	1.0		
	VORO	22	2308	2310	2320	N13	W23	3910	09	21.2	12	SN		C	2310	108	1.2	DH	
	BIGB	22	2310	2315	2322	N13	W22	3910	09	21.3	12	SN C 2.0	3	C	2315	80	.9		
	HOLL	22	2311	2314	2331	N13	W22	3910	09	21.3	20	SB C 2.0	4	C		82			
0447		22	2349*	2355*	2419	N12	W22	3910	09	21.3	30	SN				53	.7	DEHK	
	CULG	22	2349	2355	2401	N12	W24	3910	09	21.2	12	SB		C	2355	60	.6		
	LEAR	22	2352	2356	2401	N13	W22	3910	09	21.3	9	SB	3	C		61		EH	
	HOLL	22	2352	2357	2403	N13	W22	3910	09	21.3	11	SB	4	C		50		H	
	BIGB	22	2352	2358	2408	N13	W22	3910	09	21.3	16	SB	3	C	2358	70	.8		
	PEKG	22	2353	2355	2431	N12	W22	3910	09	21.3	38	SN		C	2355	50	.6	DK	
	VORO	22	2353	2356	2403	N13	W23	3910	09	21.2	10	SN		C	2356	90	1.0	DH	
	PEKG	22	2353	2423	2431	N13	W23	3910	09	21.2	38	SN		C	2423	42	.5	D	
	PALE	22	2358	2358		N11	W22	3910	09	21.3		SB	3	C		27			
	CULG	23	0021	0023	0032	N13	W23	3910	09	21.3	11	SN		C	0023	40	.4		
	VORO	23	0022	0024	0033	N13	W23	3910	09	21.3	11	SF		C	0024	72	.8	D	
	HOLL	23	0022	0024	0034	N11	W22	3910	09	21.4	12	SN	3	C		38			
	LEAR	23	0023	0023	0030	N13	W22	3910	09	21.3	7	SF	3	C		32			
0448	CULG	23	0102	0103	0108	N12	W23	3910	09	21.3	6	SN		C	0103	50	.5		
0449	ISTA	23	0630E		0657	N11	W25	3910	09	21.4	27D	SF						D	
0450		23	0711*	0738	0740	N12	W26	3910	09	21.3	29	SN				42	.5	BDE	
	ISTA	23	0711		0740	N11	W25	3910	09	21.4	29	SN						BD	
	PEKG	23	0731	0738	0738D	N13	W26	3910	09	21.3	7D	SF		P	0738	42	.5	E	
0451	KAND	23	1140		1252	S05	W90		09	16.7	72			P				Y	
0452	HOLL	23	1405	1407	1411	S13	E79	3919	09	29.5	6	SF C 2.8	3	C					
0453	HOLL	23	1415	1422	1427	N11	E67	3917	09	28.6	12	SF	3	C		10			
		23	1854		1910	No Flare Patrol													
0454		23	1933	1941	1951	N17	W42	3908	09	20.6	18	SN C 1.2				65	1.2		
	BIGB	23	1933	1941	1954	N17	W42	3908	09	20.6	21	SN	3	C	1941	90	1.2		
	PALE	23	1941E	1942U	1948	N17	W42	3908	09	20.6	7D	SF C 1.2	3	C		40			
0455	CULG	23	2141	2143	2145	N12	W34	3910	09	21.3	4	SN		C	2143	40	.5		
0456		23	23044	23094	2320	N13	W35	3910	09	21.3	16	SB C 1.9				60	.9	DH	
	CULG	23	2304	2309	2317	N12	W36	3910	09	21.2	13	SB		C	2309	50	.6		
	VORO	23	2306	2309	2319	N13	W37	3910	09	21.2	13	SN		C	2309	81	1.0	D	
	LEAR	23	2308	2310	2316	N13	W34	3910	09	21.4	8	SB	3	C		49		H	
	HOLL	23	2308E	2310	2320	N13	W35	3910	09	21.3	12D	SB C 1.9	4	C		42		H	
	BIGB	23	2311E	2313	2328	N13	W35	3910	09	21.3	17D	SB	3	C	2313	80	1.0		

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0457		24	00175	00239	0036	N12	W36	3910	09	21.3	19	SF					56	.8	DEK
	PALE	24	0017	0032	0036	N12	W35	3910	09	21.4	19	SN		3	C		34		
	CULG	24	0018	0031	0037	N12	W37	3910	09	21.2	19	SN			C	0031	40	.5	
	VORO	24	0020	0029	0037	N13	W37	3910	09	21.2	17	SF			C	0029	108	1.4	DK
	PEKG	24	0022	0023	0036	N13	W36	3910	09	21.3	14	SF			C	0023	42	.5	DK
	PEKG	24	0022	0029	0036	N13	W36	3910	09	21.3	14	SF			C	0029	59	.7	E
0458	LEAR	24	0027	0030	0038	N14	W28	3910	09	21.9	11	SN		3	C		41		
0459	CULG	24	0240	0241	0249	N16	W46	3908	09	20.6	9	SF			C	0241	30	.4	
0460		24	03491	03521	0400	S16	W53	3907	09	20.1	11	SF					32	.6	D
	CULG	24	0349	0353	0402	S17	W53	3907	09	20.1	13	SF			C	0353	40	.8	
	PEKG	24	0350	0352	0357	S14	W53	3907	09	20.1	7	SF			P	0352	25	.5	D
0461	PEKG	24	0350	0352	0400	N19	W45	3908	09	20.7	10	SN			P	0352	71	1.0	E
0462	PEKG	24	0457E	0457	0513	N18	W39	3908	09	21.2	16D	SN			P	0457	55	.7	D
0463		24	0558	0559	0608	S14	W54	3907	09	20.2	10	SF					17		EV
	LEAR	24	0558	0559	0607	S15	W53	3907	09	20.2	9	SF		3	C		17		
	ABST	24	0558	0559	0610	S13	W54	3907	09	20.2	12	SF			C	0559			EV
0464	ABST	24	0602	0604	0608	S09	W27	3913	09	22.2	6	SN			C	0604	174	1.9	E
0465	ABST	24	0634	0635	0645	S02	E90	3923	10	1.0	11	1N			C	0635	174		AV
0466		24	07002	07023	0710	N14	E80	3922	09	30.3	10	SF					98		D
	BUCA	24	0700	0702	0710	N15	E78	3922	09	30.2	10	SF			C	0702	64		D
	ABST	24	0702	0704	0710	N14	E80	3922	09	30.3	8	1N			C	0704	131		D
	LEAR	24	0702	0705	0709	N14	E82	3922	09	30.5	7	SF		3	C				
0467	ABST	24	0703	0704	0710	N13	E56	3917	09	28.5	7	SN			C	0704	87	1.8	DV
0468	LEAR	24	0713	0715	0718	S14	E60	3919	09	28.8	5	SF		3	C		15		
0469		24	0819	08217	0835	N18	W48	3908	09	20.7	16	SN					68	1.3	EF
	WEND	24	0819	0822	0831	N17	W47	3908	09	20.8	12	SN			C	0822	30	.5	
	LEAR	24	0819	0828	0836	N18	W46	3908	09	20.8	17	SF		3	C		52		F
	PURP	24	0821E	0821	0839	N19	W50	3908	09	20.5	18D	1N			P	0821	121	2.1	E
0470	LEAR	24	0844	0847	0849	N14	E79	3922	09	30.3	5	SF		3	C				
0471		24	0858*	09091	0914	N15	E79	3922	09	30.3	16	SN					28		
	LEAR	24	0858	0909	0913	N14	E81	3922	09	30.5	15	SF		3	C		29		
	WEND	24	0908	0910	0916	N16	E77	3922	09	30.2	8	SN			C	0910	28		
0472	KHAR	24	0926E	1012U	1052D	N15	E79	3922	09	30.4	86D	1F			P				
0473		24	1000	1005	1009	N14	W32	3914	09	22.0	9	SF					77	.9	E
	WEND	24	1000	1005	1009	N15	W29	3914	09	22.2	9	SF			C	1005	34	.4	
	KHAR	24	1006E		1022D	N13	W34	3914	09	21.8	16D	SF			P	1012	120	1.4	E
		24	1037		1041	No Flare Patrol													
		24	1253		1315	No Flare Patrol													
0474	RAMY	24	1317	1326	1340	S10	W29	3913	09	22.4	23	SF		3	C		24		
		24	1319		1326	No Flare Patrol													
		24	1330		1335	No Flare Patrol													
0475	RAMY	24	1340	1343	1606	N15	E75	3922	09	30.2	146	SF		3	C				
		24	1402		1406	No Flare Patrol													
0476	RAMY	24	1416	1416	1420	S09	E62	3919	09	29.2	4	SF		3	C		21		
0477	RAMY	24	1548	1555	1610	S12	E54	3919	09	28.7	22	SF	C 1.4	3	C		44		

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																	Apparent (10-6 Disk)	Corr (Sq Deg)		
			24 1714		1801			No Flare Patrol												
0478		24	1812	1813	1830	S10	E58	3919	09	29.1	18	SF	C	1.8				51		F
	PALE	24	1812	1813	1838	S09	E58	3919	09	29.1	26	SF	C	1.8	3	C		69		F
	HOLL	24	1818E	1818U	1823	S11	E59	3919	09	29.2	5D	SF			3	C		33		F
		24	1833		1927			No Flare Patrol												
		24	1935		1941			No Flare Patrol												
		24	1946		1953			No Flare Patrol												
0479	HOLL	24	1954E	1958	2028	S14	E53	3919	09	28.8	34D	SN	C	2.0	3	C		62		F
		24	2005		2049			No Flare Patrol												
0480	PALE	24	2022	2029	2052	N18	W56	3908	09	20.6	30	SF	C	2.0	3	C		133		
0481	PURP	25	0020	0028	0122D	N23	E68	3917	09	30.2	62D	SN				C	0028	39		
0482	PALE	25	0040	0042	0045	N15	E68	3922	09	30.2	5	SF			3	C		65		
0483	PALE	25	0146	0148	0151	N18	W57	3908	09	20.7	5	SF			3	C		30		
0484	LEAR	25	0146	0148	0200	S03	E90	3923	10	1.8	14	SF			3	C				
0485		25	02168	02241	0234	N14	E68	3922	09	30.2	18	SN						23		
	PALE	25	0216	0225	0236	N15	E67	3922	09	30.2	20	SN			3	C		26		
	LEAR	25	0224	0224	0233	N14	E69	3922	09	30.3	9	SF			3	C		20		
0486	LEAR	25	0348	0349	0357	N14	E69	3922	09	30.4	9	SF			3	C		14		
0487	ABST	25	0455	0501	0520	N13	E65	3922	09	30.1	25	1N				C	0501	87		DK
0488		25	0640	0647	0744	N14	E65	3922	09	30.2	64	1N						174		DJ
	ABST	25	0640	0647	0702D	N13	E65	3922	09	30.2	22D	1N				P	0647	174		DJ
	KANZ	25	0710E		0744	N16	E65	3922	09	30.2	34D	SF			3					
0489		25	08221	08231	0827	N12	E46	3917	09	28.8	5	SN						25	.4	
	WEND	25	0822	0824	0827	N13	E46	3917	09	28.8	5	SN				C	0824	25	.4	
	KANZ	25	0823	0823	0827	N12	E46	3917	09	28.8	4	SN			3					
0490	KHAR	25	0907E		0920D	N14	E66	3922	09	30.4	13D	1N				P	0907	160		E
0491	RAMY	25	1442	1444	1448	S09	E49	3919	09	29.3	6	SB			3	C		22		
		25	1640		1657			No Flare Patrol												
		25	1721		1728			No Flare Patrol												
		25	1807		1918			No Flare Patrol												
		25	2006		2014			No Flare Patrol												
0492	PALE	26	0115	0116	0120	N14	E35	3917	09	28.7	5	SF			3	C		21		
0493	PEKG	26	0347E	0353	0400	N15	E42	3917	09	29.3	13D	SF				P	0353	46	.6	E
0494		26	05151	05161	0527	S12	E34	3919	09	28.8	12	SF						52	.7	F
	CULG	26	0515	0516	0529	S12	E34	3919	09	28.8	14	SF				C	0516	60	.7	F
	LEAR	26	0516	0517	0525	S13	E33	3919	09	28.7	9	SF			3	C		43		F
0495		26	07141	07251	0749	N14	E46	3922	09	29.8	35	SN						56	.8	D
	KANZ	26	0714	0726	0749	N13	E46	3922	09	29.8	35	SN			3					D
	CATA	26	0715	0725	0800D	N14	E46	3922	09	29.8	45D	S			2	P	0725	56	.8	
0496		26	08222	08281	0842	N14	E52	3922	09	30.3	20	SF	C	2.1				29		DF
	KANZ	26	0822	0829	0840	N16	E52	3922	09	30.3	18	SF			3					
	KHAR	26	0824E		0850D	N13	E51	3922	09	30.2	26D	SF				V	0826			D
	LEAR	26	0824	0828	0843	N14	E52	3922	09	30.3	19	SF	C	2.1	3	C		29		F
0497	ABST	26	0946	0948	0955	N15	E40	3917	09	29.4	9	1N				C	0948	261	3.5	EK

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0498	KHAR	26	1110E		1120D	S13	E30	3919	09	28.7	10D	SF			V	1110			H
0499	KHAR	26	1125E		1130D	N12	E36	3917	09	29.2	5D	1N			V	1127			EL
0500	RAMY	26	1220	1314	1314D	N15	E36	3917	09	29.2	54D	1N		3	C		299		
0501	RAMY	26	1234	1329	1353	N13	E48	3922	09	30.1	79	SF		3	C		27		
		26	1251		1312	No Flare Patrol													
0502	HOLL	26	1605	1605	1613	N13	W71	3910	09	21.3	8	SF		3	C		20		
0503	RAMY	26	1634	1634	1652	S04	E63	3923	10	1.4	18	SF		3	C		27		
0504	HOLL	26	1659	1717	1733	N14	E30	3917	09	29.0	34	SB	C 2.6	3	C		106		
0505		26	1834I	1836I	1849	S12	E26	3919	09	28.7	15	SB	C 2.4				69		EF
	HOLL	26	1834	1836	1853	S12	E26	3919	09	28.7	19	SB	C 2.4	3	C		71		F
	PALE	26	1835	1837	1845	S11	E27	3919	09	28.8	10	SB		3	C		67		FE
0506	PALE	26	1842	1849	1919	N16	E34	3917	09	29.3	37	SN		3	C		31		
0507	HOLL	26	1903E	1903U	1912	S14	W84	3907	09	20.4	9D	SF		3	C				
0508	PALE	26	1913	1914	1918	N15	E47	3922	09	30.3	5	SN		3	C		18		
0509	PALE	26	1946	1951	2005D	N16	E29	3917	09	29.0	19D	SN		3	C		60		
0510		26	2020Z	2022I	2030	S12	E25	3919	09	28.7	10	SB					97		EFH
	HOLL	26	2020	2022	2024D	S12	E25	3919	09	28.7	4D	SB		3	C		96		E
	PALE	26	2022	2023	2030	S11	E25	3919	09	28.7	8	SN		3	C		98		FH
0511	HOLL	26	2025	2037	2054	N20	W80	3908	09	20.7	29	1N	C 5.0	4	C				F
0512	HOLL	26	2044	2053	2135D	N15	E43	3922	09	30.1	51D	SN		4	C		53		
0513	HOLL	26	2100	2113	2135D	N18	E36	3917	09	29.6	35D	SN		4	C		74		
0514		26	21116	2126*	2158D	N14	E38	3922	09	29.7	47D	SN					81	1.0	
	PALE	26	2111	2147	2158D	N15	E38	3922	09	29.7	47D	SN		3	C		82		
	CULG	26	2117	2126	2149D	N14	E38	3922	09	29.7	32D	SN			P	2126	80	1.0	
0515		26	2316*	2323*	2406	N15	E30	3917	09	29.2	50	SB	M 1.0				219	2.7	EFHKZ
	PALE	26	2315E	2326U	2421D	N17	E31	3917	09	29.3	66D	1B	M 1.0	3	C		266		FE
	CULG	26	2316	2325	2408	N17	E29	3917	09	29.2	52	1B			C	2325	180	2.0	FE
	VORO	26	2316	2326	2407D	N17	E30	3917	09	29.2	51D	1B			C	2326	421	5.0	EH
	LEAR	26	2317	2323	2412	N14	E30	3917	09	29.2	55	SB		3	C		139		FEK
	LEAR	26	2317	2336	2412	N14	E30	3917	09	29.2	55	SN		3	C		166		K
	HOLL	26	2317	2337	2412	N15	E30	3917	09	29.2	55	1B		3	C		264		
	MANI	26	2319E	2324	2350D	N15	E30	3917	09	29.2	31D	SN		1	V		150	1.8	F
	MITK	26	2326	2329	2402	N16	E30	3917	09	29.2	36	SN			C	2329			E
	PEKG	26	2339E	2339	2350	N15	E30	3917	09	29.2	11D	SN			P	2339	168	2.0	FZ
0516		27	0020	0026	0045	S10	W22	3925	09	25.4	25	SF					54	.8	F
	CULG	27	0020	0026	0045	S10	W22	3925	09	25.4	25	SF			C	0026	80	.8	F
	PALE	27	0030E	0031U	0045	S10	W21	3925	09	25.4	15D	SF		3	C		29		
0517		27	0022I	0024Z	0039	S12	E26	3919	09	29.0	17	SN					84	1.1	DFJ
	VORO	27	0022	0025	0030	S12	E25	3919	09	28.9	8	SF			C	0025	125	1.5	DJ
	CULG	27	0023	0024	0033	S11	E26	3919	09	29.0	10	SF			C	0024	60	.7	F
	LEAR	27	0023	0026	0057	S13	E28	3919	09	29.1	34	SN		3	C		101		F
	PALE	27	0026E	0028U	0036	S11	E27	3919	09	29.0	10D	SN		3	C		48		
0518		27	01196	0123*	0154	S08	E27	3919	09	29.1	35	SN					48	.8	EF
	CULG	27	0119	0133	0157	S07	E27	3919	09	29.1	38	SN			C	0133	80	.9	F
	LEAR	27	0123	0123	0157	S09	E28	3919	09	29.1	34	SN		3	C		20		
	PEKG	27	0124	0133	0144	S09	E27	3919	09	29.1	20	SF			C	0133	59	.7	E
	PALE	27	0125	0128	0159	S07	E27	3919	09	29.1	34	SN		3	C		32		F

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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)	
0519		27	01363	0141	0148	N14	E20	3917	09	28.6	12	SF					52	.4	F
	LEAR	27	0136	0141	0151	N13	E20	3917	09	28.6	15	SF		3	C		63		F
	CULG	27	0139	0141	0146	N14	E19	3917	09	28.5	7	SF			C	0141	40	.4	
0520		27	01391	01414	0201	N10	E70	3926	10	2.3	22	SF					63		F
	CULG	27	0139	0145	0156	N11	E69	3926	10	2.2	17	1N			C	0145	100		
	PALE	27	0140	0141	0211	N11	E70	3926	10	2.3	31	SF		3	C		22		
	LEAR	27	0140	0145	0156	N09	E70	3926	10	2.3	16	SF		3	C		68		F
0521	LEAR	27	0336	0339	0346	N13	E40	3922	09	30.2	10	SN		3	C		50		F
0522		27	04061	0409*	0450	N13	E35	3922	09	29.8	44	SN					128	2.0	EFK
	PEKG	27	0406	0409	0453	N11	E35	3922	09	29.8	47	SF			C	0409	147	1.8	FK
	PEKG	27	0406	0434	0453	N12	E34	3922	09	29.7	47	SF			C	0434	67	.8	F
	LEAR	27	0407	0410	0445	N13	E36	3922	09	29.9	38	SN		3	C		36		F
	ABST	27	0415E	0424U	0426D	N15	E35	3922	09	29.8	11D	1N			P	0424	261	3.3	E
0523		27	04051	0408*	0430	N14	E31	3917	09	29.5	25	SN					112	1.4	EFIW
	CULG	27	0405	0408	0434	N13	E33	3917	09	29.6	29	1N			C	0408	170	2.0	FIW
	MITK	27	0406	0408	0418D	N12	E31	3917	09	29.5	12D	1N			C	0408	190	2.3	E
	LEAR	27	0406	0408	0435	N14	E30	3917	09	29.4	29	SF		3	C		83		F
	PEKG	27	0406E	0409	0417	N15	E32	3917	09	29.6	11D	SN			P	0409	84	1.0	E
	PEKG	27	0434E	0434	0435	N15	E31	3917	09	29.5	1D	SF			P	0434	34	.4	E
0524	CULG	27	0509	0512U	0519	S11	E24	3919	09	29.0	10	SF			P	0512	80	.9	
0525	PEKG	27	0705	0728	0745	N15	E27	3917	09	29.3	40	SF			C	0728	105	1.2	E
0526	KHAR	27	1000E		1013D	N11	E29	3922	09	29.6	13D	SF			V	1005			D
0527	KHAR	27	1010E		1016D	N12	E17	3917	09	28.7	6D	SN			V	1010			D
			1037		1047	No Flare Patrol													
0528	KHAR	27	1052E	1105	1118D	N10	E28	3922	09	29.5	26D	1N			P	1105			EH
			1119		1124	No Flare Patrol													
0529	RAMY	27	1227	1230	1242	S03	E52	3923	10	1.4	15	SN		3	C		50		
0530	KANZ	27	1516	1516	1518	N12	E41	3922	09	30.7	2	SF		3					
0531	RAMY	27	1532	1532	1559	N15	E35	3922	09	30.3	27	SN		3	C		26		F
0532		27	1604	16183	1630	N17	E37	3922	09	30.5	26	SB					84	.8	
	RAMY	27	1604	1618	1630	N17	E37	3922	09	30.5	26	SB		3	C		109		
	BIGB	27	1620E	1621	1629	N17	E37	3922	09	30.5	9D	SB		3	P	1621	60	.8	
0533	BIGB	27	1903	1905	1926	N18	E30	3922	09	30.1	23	SB		3	C	1905	80	1.0	
0534		27	1910	19171	1951	S08	E17	3919	09	29.1	41	SB C 1.5					118	1.0	F
	PALE	27	1910	1917	1924D	S08	E17	3919	09	29.1	14D	SB C 1.5	3	C			147		F
	BIGB	27	1910	1918	1951	S08	E17	3919	09	29.1	41	SN C 2.4	2	C	1918	90	1.0		
0535	BIGB	27	1952	1953	2024	S11	E15	3919	09	28.9	32	SN		3	C	1953	80	.9	
0536	PALE	27	2153	2153	2155	N17	E34	3922	09	30.5	2	SF		3	C		34		F
0537	BIGB	27	2216	2218	2224	N16	E35	3922	09	30.6	8	SN		3	C	2218	80	1.0	
0538	LEAR	27	2341	2343	2346	S18	E39	3924	09	30.9	5	SF		3	C		37		
0539	LEAR	28	0035	0038	0041	S18	E38	3924	09	30.9	6	SF		3	C		26		
0540		28	00394	00431	0054	N16	E29	3922	09	30.2	15	1N					126	2.4	E
	VORO	28	0039	0043	0054	N16	E29	3922	09	30.2	15	1F			C	0043	206	2.4	E
	LEAR	28	0043	0044	0054	N15	E29	3922	09	30.2	11	SN		3	C		45		

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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)		
0541	CULG	28	0116	0119	0125	N17	E33	3922	09	30.6	9	SF			C	0119	140	1.6		
0542	CULG	28	0126	0130	0134	S11	E05	3928	09	28.4	8	SF			C	0130	40	.4		
0543		28	0308	03093	0318	N16	E30	3922	09	30.4	10	SN					49	.6	F	
	CULG	28	0308	0309	0315	N18	E30	3922	09	30.4	7	SN			C	0309	50	.6	F	
	LEAR	28	0308	0312	0322	N15	E31	3922	09	30.5	14	SN		3	C		48		F	
0544		28	0339*	0345*	0428	N18	E16	3917	09	29.4	49	SN	C 2.6				112	1.4	EFJK	
	CULG	28	0339	0346	0404	N20	E15	3917	09	29.3	25	SN			C	0346	80	.9	KFJ	
	LEAR	28	0340	0347	0436	N18	E16	3917	09	29.4	56	SN	C 2.6	3	C		95		FK	
	LEAR	28	0340	0423	0436	N18	E16	3917	09	29.4	56	SN		3	C		63		K	
	PEKG	28	0341E	0345	0420	N19	E17	3917	09	29.4	39D	SN			C	0345	88	1.0	E	
	ABST	28	0400	0404	0420	N17	E15	3917	09	29.3	20	SN			C	0404	174	1.9	EK	
	ABST	28	0421	0428	0455	N17	E15	3917	09	29.3	34	SN			C	0428	174	1.9	E	
0545		28	0400*	0404*	0434	N16	E29	3922	09	30.4	34	SN					106	1.4	DEFKV	
	CULG	28	0400	0404	0406	N17	E32	3922	09	30.6	6	SF			C	0404	70	.8		
	ABST	28	0403	0404	0407	N15	E33	3922	09	30.7	4	SN			C	0404	131	1.5	E	
	LEAR	28	0408	0414	0453	N15	E27	3922	09	30.2	45	SF		3	C		50		K	
	LEAR	28	0408	0446	0453	N15	E27	3922	09	30.2	45	SN		3	C		83		FK	
	ABST	28	0410	0415	0425	N15	E26	3922	09	30.1	15	SN			C	0415	87	1.0	D	
	CULG	28	0435	0443	0447D	N17	E30	3922	09	30.5	12D	SN			P	0443	150	1.8	F	
	ABST	28	0441	0442	0457	N16	E30	3922	09	30.5	16	1N			C	0448	174	2.1	EV	
0546	LEAR	28	0449	0451	0455	S18	W13	3916	09	27.2	6	SF		3	C		41			
0547	LEAR	28	0502	0504	0517	N14	E29	3922	09	30.4	15	SF		3	C		35		F	
0548		28	05241	05279	0548	S04	E42	3923	10	1.4	24	1N					117	1.6	EJ	
	ABST	28	0524	0527	0555	S05	E42	3923	10	1.4	31	1N			C	0527	174	2.4	EJ	
	CULG	28	0525	0536	0541	S04	E41	3923	10	1.3	16	SF			C	0536	60	.8		
0549	ABST	28	0631	0636	0645	S18	W14	3916	09	27.2	14	1N			C	0636	174	2.1	EJ	
0550	KANZ	28	0718E	0728	0732D	N18	E13	3917	09	29.3	14D	SN		3						
0551	KANZ	28	0724	0728	0732D	S02	E39	3923	10	1.2	8D	SN		3						
0552	KANZ	28	0837	0837	0846	N14	E15	3922	09	29.5	9	SF		3						
0553	KANZ	28	0904	0920	0943	N14	E27	3922	09	30.4	39	SN		3					E	
0554	KANZ	28	0959	0959	1025	N14	E09	3917	09	29.1	26	SN		3					L	
		28	1034		1049	No Flare Patrol														
0555		28	1120	1131	1220	N13	E10	3917	09	29.2	60	1N					337	3.5		
	KANZ	28	1119E		1119D	N12	E11	3917	09	29.3	60D	SN		2						
	CATA	28	1120	1131	1220	N14	E08	3917	09	29.1	60	1		2	C	1131	337	3.5		
		28	1121		1127	No Flare Patrol														
		28	1221		1239	No Flare Patrol														
		28	1246		1342	No Flare Patrol														
0556	RAMY	28	1406	1408	1442	S11	E06	3919	09	29.0	36	SN		3	C		72		F	
		28	1410		1417	No Flare Patrol														
0557	BIGB	28	1808	1808	1831	N14	W01	3917	09	28.7	23	SF		3	C	1808	60	.6		
0558	BIGB	28	1808	1819	1903	S03	E35	3923	10	1.4	55	SN		3	C	1819	90	1.1		
0559	BIGB	28	1809	1821	1916	S12	E04	3919	09	29.0	67	SN		3	C	1821	80	.8		
0560		28	20593	21021	2108	N16	E22	3922	09	30.5	9	SN					143	1.9		
	BIGB	28	2059	2102	2111	N15	E22	3922	09	30.5	12	SB		3	C	2102	130	1.4		
	CULG	28	2100	2103	2106	N16	E23	3922	09	30.6	6	1F			C	2103	220	2.4		
	PALE	28	2102	2102	2107	N16	E22	3922	09	30.5	5	SF		3	C		78			

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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 (10-6 Disk)	Corr (Sq Deg)	
0561		28	23285	23312	2345	N02	E27	3923	10	1.0	17	SN					77	1.1	DEFJ
	PEKG	28	2328	2331	2339D	N02	E27	3923	10	1.0	11D	SN		C		2331	84	1.0	D
	CULG	28	2331	2331	2340	N04	E28	3923	10	1.1	9	SN		C		2331	80	.9	F
	PALE	28	2332	2332	2338D	N02	E27	3923	10	1.0	6D	SN		3	C		49		
	LEAR	28	2332E	2332	2346	N00	E28	3923	10	1.1	14D	SB		2	C		48		E
	VORO	28	2333	2333	2349	N02	E26	3923	09	30.9	16	SN			C	2333	125	1.4	EJ
0562		29	00144	00196	0038	S10	W01	3919	09	28.9	24	SF	C 1.4				153	1.4	DEFJ
	LEAR	29	0014	0019	0034	S12	W01	3919	09	28.9	20	1F	C 1.4	3	C		200		F
	CULG	29	0017	0021U	0033	S10	W00	3919	09	29.0	16	SF			P	0021	130	1.3	F
	VORO	29	0018	0025	0046	S10	W03	3919	09	28.8	28	SN			C	0025	143	1.5	DJ
	PEKG	29	0030E	0030U	0030D	S10	W01	3919	09	28.9	28D	SF			P	0030	139	1.5	E
0563		29	01026	01092	0126	S02	E30	3923	10	1.3	24	1N	C 1.9				231	2.8	EFJ
	PALE	29	0102	0109	0123	S02	E31	3923	10	1.3	21	SN		3	C		178		
	MANI	29	0104	0110	0130D	S03	E30	3923	10	1.3	26D	1N		1	V		200	2.4	F
	LEAR	29	0105	0111	0135	S04	E30	3923	10	1.3	30	1N	C 1.9	3	C		259		F
	CULG	29	0106	0110	0124	S02	E29	3923	10	1.2	18	1N			C	0110	260	3.0	F
	VORO	29	0108	0111	0122	S02	E30	3923	10	1.3	14	1N			C	0111	260	3.0	EJ
0564		29	02082	02101	0221	S10	W02	3919	09	28.9	13	1N					146	1.6	DFJ
	CULG	29	0208	0210	0221	S10	W02	3919	09	28.9	13	SN			C	0210	60	.6	F
	VORO	29	0210	0211	0221	S10	W03	3919	09	28.9	11	1F			C	0211	233	2.6	DJ
0565	PALE	29	0248	0250	0252D	N15	E17	3922	09	30.4	4D	SF		3	C		41		
0566	ABST	29	0407	0414	0436	S13	W01	3919	09	29.1	29	SF			C	0414	114	1.2	FJ
0567	ABST	29	0537	0539	0600	N16	E24	3922	10	1.0	23	SF			C	0539	79	.9	D
0568	ABST	29	0611	0612	0615	S03	E26	3923	10	1.2	4	SN			C	0612	96	1.1	DJ
0569	LEAR	29	0655	0655	0704	N14	E14	3922	09	30.3	9	SF		3	C		41		
0570		29	0722	0728*	0752	N14	E13	3922	09	30.3	30	SF					46		K
	LEAR	29	0722	0728	0752	N14	E13	3922	09	30.3	30	SF		3	C		30		K
	LEAR	29	0722	0741	0752	N14	E13	3922	09	30.3	30	SF		3	C		63		K
0571		29	0754*	0809*	0836	N16	E16	3922	09	30.5	42	SN	C 2.4				71	.6	EFK
	LEAR	29	0754	0809	0842	N16	E16	3922	09	30.5	48	SN		3	C		74		K
	LEAR	29	0754	0823	0842	N16	E16	3922	09	30.5	48	SN	C 2.4	3	C		89		FK
	ISTA	29	0802		0830	N16	E17	3922	09	30.6	28	SF							E
	WEND	29	0806	0812	0831	N16	E16	3922	09	30.5	25	SN			C	0812	50	.6	
		29	1110		1134	No Flare Patrol													
0572		29	1211*	12323	1252	N15	E10	3922	09	30.3	41	SN	C 2.3				174	2.4	
	KANZ	29	1211	1232	1250	N15	E09	3922	09	30.2	39	SN		3					
	RAMY	29	1219	1233	1253	N14	E10	3922	09	30.3	34	SF	C 2.3	3	C		122		
	CATA	29	1230	1235	1245D	N16	E10	3922	09	30.3	15D	1		2	P	1235	225	2.4	
0573	RAMY	29	1247	1247	1257	S10	W07	3919	09	29.0	1D	SN		3	C		23		
0574	KANZ	29	1307	1307	1311	N16	E14	3922	09	30.6	4	SF		3					
0575		29	1307	13072	1318	S20	W32	3916	09	27.1	11	SF	C 1.5				51		
	KANZ	29	1307	1307	1315	S19	W32	3916	09	27.1	8	SF		3					
	RAMY	29	1307	1309	1322	S21	W31	3916	09	27.2	15	SF	C 1.5	3	C		51		
0576	KANZ	29	1330	1334	1357	N14	E16	3922	09	30.8	27	SF		3					
0577		29	13303	13341	1344	N11	E37	3926	10	2.3	14	SN	C 2.0				45	.5	H
	KANZ	29	1330	1334	1345	N11	E37	3926	10	2.3	15	SN		3					
	WEND	29	1332	1335	1343	N11	E37	3926	10	2.3	11	SN			C	1335	38	.5	H
	RAMY	29	1333	1335	1343	N12	E37	3926	10	2.3	10	SF	C 2.0	3	C		52		
0578	KANZ	29	1345	1345	1414	S11	W06	3919	09	29.1	29	SN		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	Obs See	Type	Time (UT)	Area Measurement		Remarks	
																	Apparent (10-6 Disk)	Corr (Sq Deg)		
0579	KANZ	29	1424	1424	1432	N15	E08	3922	09	30.2	8	SF		3						
0580		29	15181	15224	1558	N16	E11	3922	09	30.5	40	SB	C 8.4				132	.9	EFH	
	KANZ	29	1518	1522	1522D	N16	E10	3922	09	30.4	40	SB		3						
	RAMY	29	1518	1525	1558	N16	E11	3922	09	30.5	40	SB	C 8.4	3	C		186		FE	
	WEND	29	1519	1526	1532D	N16	E12	3922	09	30.5	13D	SB			C	1526	78	.9	H	
0581	RAMY	29	1545	1545	1546D	S10	W19	3928	09	28.2	1D	SF		3	C		6289			
0582		29	1645*	1845*	1919	S10	W10	3919	09	28.9	154	SN	C 4.3				128	3.7	EFK	
	RAMY	29	1645	1913	2022D	S11	W10	3919	09	28.9	217D	SB		3	C		106		FEK	
	RAMY	29	1645	1925	2022D	S11	W10	3919	09	28.9	217D	SN		3	C		64		K	
	PALE	29	1713E	1836U	1858	S11	W08	3919	09	29.1	105D	SN		3	C		126			
	HOLL	29	1800E	1801U	1808D	S10	W10	3919	09	29.0	8D	SN	C 4.3	2	C		52			
	BIGB	29	1832E	1845	1940	S11	W08	3919	09	29.2	68D	1B		3	P	1845	360	3.7		
	PALE	29	1909	1914	1938D	S10	W12	3919	09	28.9	29D	SB	C 4.2	3	C		84		FE	
	PALE	29	2015	2024U	2029D	S10	W12	3919	09	28.9	14D	SN		3	C		105			
0583	HOLL	29	1802	1803	1807	S20	E17	3921	10	1.0	5	SF		2	C		25			
0584		29	19182	1938	2000	N14	E04	3922	09	30.1	42	1B	C 7.3				234	2.3	F	
	PALE	29	1918	1945U	2006D	N14	E04	3922	09	30.1	48D	1N	C 7.3	3	C		247		F	
	BIGB	29	1920	1938	2000	N14	E04	3922	09	30.1	40	1B		3	C	1938	220	2.3		
0585	BIGB	29	1932	1934	2009	S05	E18	3923	10	1.2	37	SN		3	C	1934	100	1.1		
0586		29	20123	20191	2042	N16	E07	3922	09	30.4	30	SB	C 2.4				162	1.7	F	
	BIGB	29	2012	2020	2050	N16	E07	3922	09	30.4	38	SB		3	C	2020	160	1.7		
	PALE	29	2015	2019	2034	N16	E07	3922	09	30.4	19	SB	C 2.4	3	C		165		F	
0587	VORO	29	2148E	2151	2201	S10	W20	3928	09	28.4	13D	SN			C	2151	134	1.5	BDJ	
0588		29	2235	2246	2323	S11	W22	3928	09	28.3	48	1B	C 2.4				198	2.3	F	
	PALE	29	2235	2242U	2308D	S10	W22	3928	09	28.3	33D	SB	C 2.4	3	C		187		F	
	BIGB	29	2245E	2246	2323	S12	W22	3928	09	28.3	38D	1B		3	C	2246	210	2.3		
0589	VORO	30	0059	0101	0105	S10	W14	3919	09	29.0	6	SF			C	0101	170	1.8	DJ	
0590		30	0116	0120	0140	S10	W15	3919	09	28.9	24	SN	C 1.5				151	1.6	F	
	LEAR	30	0116	0120	0140	S10	W15	3919	09	28.9	24	SN	C 1.5	3	C		152		F	
	CULG	30	0121E	0123U	0126U	S10	W15	3919	09	28.9	5U	SF			P	0123	150	1.6	F	
0591		30	01324	01363	0207	N16	E06	3922	09	30.5	35	1B	M 3.8				393	3.6	EFJZ	
	LEAR	30	0132	0139	0218	N16	E06	3922	09	30.5	46	1B	M 3.8	3	C		465		ZF	
	CULG	30	0134	0136	0201	N16	E05	3922	09	30.4	27	1B			P	0136	320	3.0		
	VORO	30	0136	0139	0201	N16	E06	3922	09	30.5	25	1B			C	0139	394	4.1	EJ	
0592	CULG	30	0201	0201U	0204D	S10	W15	3919	09	28.9	3D	SF			P	0201	100	1.1		
0593		30	04117	04191	0428	N16	E01	3922	09	30.2	17	1N					144	1.4	FV	
	CULG	30	0411	0420	0429	N15	E00	3922	09	30.2	18	1F			C	0420	200	2.0		
	ABST	30	0418	0419	0428	N16	E02	3922	09	30.3	10	SN			C	0419	87	.9	FV	
0594		30	04222	04257	0437	N19	E56	3936C	10	4.4	15	1N					96	3.0	F	
	LEAR	30	0422	0425	0434	N18	E58	3936C	10	4.6	12	SF		3	C		17		F	
	ABST	30	0424	0432	0440	N20	E55	3936C	10	4.4	16	1N			C	0432	174	3.0	F	
0595	ABST	30	0432	0438	0445	N16	E02	3922	09	30.3	13	SN			C	0438	174	1.8	F	
0596	LEAR	30	0534	0535	0549	S17	E08	3921	09	30.8	15	SF		3	C		55		F	
0597		30	0615	06163	0630	N15	E00	3922	09	30.3	15	1N	C 4.2				155	1.7	E	
	LEAR	30	0615	0616	0632	N15	E01	3922	09	30.3	17	SN	C 4.2	3	C		108			
	ABST	30	0615	0618	0630	N16	W01	3922	09	30.2	15	1N			C	0618	261	2.7	E	
	CULG	30	0615	0619	0630	N15	W00	3922	09	30.3	15	1B			C	0619	220	2.2		
	YUNN	30	0620E	0620U	0628	N14	E02	3922	09	30.4	8D	SN			P	0620	32	.3		
0598		30	0616	06197	0724	N13	W14	3917	09	29.2	68	SN					68	.7	D	
	ABST	30	0616	0619	0753	N14	W14	3917	09	29.2	97	SN			C	0619	87	.9	D	
	YUNN	30	0620E	0626	0655	N12	W13	3917	09	29.3	35D	SN			P		48	.5		

II - ALPHA SOLAR FLARES

SEPTEMBER 1982

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)		
0599	LEAR	30	0630	0632	0640	S11	W17	3919	09 29.0	10	SF	3	C		26		
0600	LEAR	30	0701	0705	0714	S11	W17	3919	09 29.0	13	SF	3	C		22		
0601		30	0713	0713*	0737	N17	E01	3922	09 30.4	24	SF				22		K
	LEAR	30	0713	0713	0737	N17	E01	3922	09 30.4	24	SF	3	C		23		K
	LEAR	30	0713	0728	0737	N17	E01	3922	09 30.4	24	SF	3	C		22		K
0602	LEAR	30	0720	0724	0732	S10	W17	3919	09 29.0	12	SF	3	C		38		
0603		30	0836Z	0840Z	0903	N15	W01	3922	09 30.3	27	1B C 4.4				214	2.1	H
	KANZ	30	0836	0840	0903	N15	W01	3922	09 30.3	27	SB	3					
	LEAR	30	0837	0842	0903D	N15	W00	3922	09 30.3	26D	1B C 4.4	3	C		239		
	WEND	30	0838	0842	0903	N16	E00	3922	09 30.3	25	SB		C	0842	94	1.0	H
	CATA	30	0842E	0842	0902D	N15	W02	3922	09 30.2	20D	1	2	P	0842	309	3.2	
0604		30	0901Z	0907Z	0913	S11	W19	3919	09 28.9	12	SF				44	.4	H
	LEAR	30	0901	0903U	0903D	S11	W19	3919	09 28.9	2D	SF	3	C		51		
	KANZ	30	0903	0907	0912	S11	W19	3919	09 28.9	9	SF	3					
	WEND	30	0903	0908	0914	S10	W19	3919	09 28.9	11	SN		C	0908	38	.4	H
0605	CATA	30	1035	1035	1050	N15	W03	3922	09 30.2	15	1	2	C	1035	225	2.3	
0606	RAMY	30	1214	1223	1316	N15	W03	3922	09 30.3	62	SN	3	C		178		
0607	RAMY	30	1317	1343	1343D	N17	W03	3922	09 30.3	26D	1N C 5.6	3	C		214		
		30	1350		1519	No Flare Patrol											
0608	BIGB	30	1630	1634	1653	N15	W07	3922	09 30.1	23	SN	3	C	1634	100	1.0	
0609		30	1801	18039	1823	N14	W07	3922	09 30.2	22	SN				98	.9	FK
	PALE	30	1801	1803	1823	N14	W07	3922	09 30.2	22	SN	3	C		93		FK
	BIGB	30	1801	1803	1823	N14	W07	3922	09 30.2	22	SN	3	C	1823	90	.9	
	PALE	30	1801	1812	1823	N14	W07	3922	09 30.2	22	SN	3	C		112		K
0610	PALE	30	1816	1817	1821	S04	E07	3923	10 1.3	5	SF	3	C		24		
0611	PALE	30	1938	1941	1942	N13	W23	3917	09 29.1	4	SF	3	C		25		
		30	2003Z	2009Z	2036	N15	W08	3922	09 30.2	33	SB C 5.4				134	1.5	EF
	BIGB	30	2003	2010	2037	N15	W08	3922	09 30.2	34	SB	3	C	2010	140	1.5	
	PALE	30	2004	2009	2035	N15	W08	3922	09 30.2	31	SB C 5.4	3	C		129		FE
0613	BIGB	30	2114	2145	2254	N14	E50	3936C	10 4.7	100	1N	3	C	2145	180	2.9	
0614	PALE	30	2136	2144	2148	N14	W23	3917	09 29.2	12	SF	3	C		68		
0615	CULG	30	2309	2310	2331	N14	W10	3922	09 30.2	22	1F		C	2310	200	2.0	
0616		30	2336	23394	2401	N16	W06	3922	09 30.5	25	SN C 3.2				114	1.2	FK
	BIGB	30	2336	2339	2410	N16	W06	3922	09 30.5	34	SB	3	C	2339	150	1.6	
	LEAR	30	2336E	2340	2359	N16	W06	3922	09 30.5	23D	SN C 3.2	2	C		103		
	CULG	30	2336	2343	2354	N17	W07	3922	09 30.4	18	SN		C	2343	90	.9	FK