

H - ALPHA SOLAR FLARES

MAY 1984

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (MIn)	Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0001	01	0013*	0022*	0224	S14 W35	4474	04	28.5	131	1B	M	4.0					505	6.7	BEFIJKTU
	HOLL	01	0013	0022	0055D	S12 W33	4474	04	28.6	42D	SN			3	C		91		F
	LEAR	01	0020	0022	0235	S15 W34	4474	04	28.5	135	SB			3	C		32		K
	LEAR	01	0020	0129	0235	S15 W34	4474	04	28.5	135	2B	M	4.0	3	C		660		FK
	PALE	01	0021	0130	0307	S14 W32	4474	04	28.7	166	2B	M	4.0	3	C		1037		ZU
	PURP	01	0032	0033	0039	S16 W44	4474	04	27.8	7	SN				C	0033	103	1.5	
	PURP	01	0050	0051	0057D	S16 W44	4474	04	27.8	7D	SN				C	0051	51	.7	
	CULG	01	0110	0132	0200	S16 W33	4474	04	28.6	50	2B				C	0132	500	6.0	JEI
	PURP	01	0113	0132	0204	S13 W36	4474	04	28.4	51	2B				C	0132	943	12.1	
	MITK	01	0126E		0133D	S14 W33	4474	04	28.7	7D	2N				P	0133	420	5.2	F
	YUNN	01	0138E	0138U	0325	S13 W35	4474	04	28.5	107D	3B				P	0138	1336	17.0	U
	PEKG	01	0155E	0200	0214	S14 W33	4474	04	28.7	19D	2B				P	0200	757	9.4	BUZ
	URUM	01	0210E	0213	0301	S12 W33	4474	04	28.7	51D	SB				P		126	1.6	UT
0002	YUNN	01	0425	0427	0438D	S16 W47	4474	04	27.7	13D	SB				P		31	.5	E
0003	01	05062	05103	0520	S12 W48	4474	04	27.7	14	1N							142	2.2	
	CULG	01	0506	0510	0518	S13 W47	4474	04	27.8	12	1N				C	0510	220	3.3	
	URUM	01	0508	0513	0523	S11 W49	4474	04	27.6	15	SN				C		63	1.0	
0004	CULG	01	0538	0541	0543	S13 W54	4474	04	27.3	5	SF				C	0541	50	.7	
0005	LEAR	01	0611	0611	0617	S17 W47	4474	04	27.8	6	SB	C	4.1	3	C		31		FU
0006	KHAR	01	0826	0827	0835	S07 W41	4474	04	28.4	9	SF				V	0827			
0007	KHAR	01	0834	0835	0840	S17 W19	4476	04	30.0	6	SF				V	0835			H
0008	01	0937	0958*	1020	S08 W40	4474	04	28.5	43	SF							63	.9	
	URUM	01	0937	0958	1018	S08 W43	4474	04	28.3	41	SN				C		63	.9	
	KHAR	01	1006E		1012D	S07 W41	4474	04	28.4	6D	SF				V	1008			
	KHAR	01	1018E	1018	1023	S09 W37	4474	04	28.7	5D	SF				V	1018			
	01	1101		1105	No Flare Patrol														
0009	LVOV	01	1215	1218	1225	S12 W53	4474	04	27.6	10	1N				C	1218	200	3.4	
0010	RAMY	01	1301	1302	1313	S14 W40	4474	04	28.6	12	SN			3	C		35		F
0011	RAMY	01	1340	1340	1346D	S15 W53	4474	04	27.6	6D	SF			3	C		22		
	01	1430		1509	No Flare Patrol														
	01	1539		1555	No Flare Patrol														
0012	HOLL	01	1732	1733	1738	S13 W47	4474	04	28.3	6	SF			3	C		19		F
0013	HOLL	01	1759	1801	1808	S11 W41	4474	04	28.8	9	SF	C	1.0	3	C		29		F
0014	HOLL	01	1808	1809	1813	S15 W52	4474	04	27.9	5	SF			3	C		26		F
0015	HOLL	01	1822	1822	1829	S16 W38	4474	04	29.0	7	SN			3	C		27		F
0016	RAMY	01	1859	1859	1913	S16 W51	4474	04	28.0	14	SN	C	1.8	3	C		20		
	01	2054		2100	No Flare Patrol														
0017	HOLL	01	2133	2140	2153	S13 W49	4474	04	28.3	20	SN			3	C		28		
0018	VORO	01	2237	2238	2241	S18 W53	4474	04	28.0	4	SF				C	2238	36	.6	D
0019	01	23171	23195	2342	S12 W48	4474	04	28.4	25	SN	C	2.1					84	1.2	DF1
	VORO	01	2317	2319	2329	S12 W43	4474	04	28.8	12	SN				C	2319	81	1.2	DI
	HOLL	01	2318	2324	2356	S11 W54	4474	04	28.0	38	SN	C	2.1	3	C		88		F
0020	LEAR	02	0114	0114	0122	S15 W23	4476	04	30.3	8	SF			3	C		20		
0021	02	0216	0219	0224	S14 W25	4476	04	30.2	8	SN							18	.2	D
	YUNN	02	0216E	0216U	0216D	S14 W25	4476	04	30.2	8D	SN				P	0216	16	.2	D
	LEAR	02	0216	0219	0224	S13 W25	4476	04	30.2	8	SF			3	C		21		

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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	Obs Type	Area Measurement			Remarks	
																Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0022	LEAR	02	0216	0217	0223	S15	W60	4474	04	27.6	7	SF		3	C		20			
0023	LEAR	02	0345	0345	0350	S15	W56	4474	04	28.0	5	SN	C 1.1	3	C		26			F
0024	LEAR	02	0710	0712	0720	S17	W64	4474	04	27.5	10	SF		3	C		46			
0025	02	0738	0740	0803	S13	W50	4474	04	28.6	25	SF	C 1.1				102	3.0		E	
	ABST	02	0738	0740	0800	S11	W53	4474	04	28.4	22	1F			C	0740	174	3.0	E	
	KANZ	02	0743	0746	0805	S12	W47	4474	04	28.9	22	SN		2						
	LEAR	02	0744	0748	0805	S15	W49	4474	04	28.7	21	SF	C 1.1	3	C		31			
0026	ABST	02	0738	0741	0758	S05	W54		04	28.4	20	SF			C	0741	87	1.5	D	
0027	02	1136*	1140	1153	S14	W34	4476	04	30.0	17	SN					27			F	
	KANZ	02	1136	1140	1152	S13	W34	4476	04	30.0	16	SN		2						
	RAMY	02	1147	1148	1154	S15	W35	4476	04	29.9	7	SF		3	C		27		F	
0028	02	1148	1152*	1243	S13	W55	4474	04	28.4	55	SN					62	1.1			
	KANZ	02	1148	1152	1233	S15	W64	4474	04	27.7	45	SN		2						
	WEND	02	1154	1211	1231	S12	W52	4474	04	28.7	37	SN			C	1211	62	1.1		
	KANZ	02	1156	1204	1306	S13	W50	4474	04	28.8	70	1F		2						
0029	RAMY	02	1417	1420	1430	S14	W54	4474	04	28.6	13	SF		3	C		31		F	
0030	02	1438*	1500	1536	S12	W52	4474	04	28.8	58	SF	C 2.7				87			F	
	RAMY	02	1438	1502	1538	S13	W54	4474	04	28.6	60	SF	C 2.7	3	C		94		F	
	HOLL	02	1453	1500	1535	S12	W51	4474	04	28.9	42	SF	C 2.7	3	C		80		F	
0031	02	1604	1613*	1710	S14	W54	4474	04	28.7	66	SB	C 7.9				88			FK	
	HOLL	02	1604	1615	1711	S12	W54	4474	04	28.7	67	SB	C 7.9	3	C		106			F
	RAMY	02	1605	1613	1707	S14	W54	4474	04	28.7	62	SB	C 7.9	3	C		94			K
	RAMY	02	1605	1632	1707	S14	W54	4474	04	28.7	62	SB		3	C		84			K
	PALE	02	1655E	1656U	1715	S15	W56	4474	04	28.6	20D	SF		3	C		69			
0032	HOLL	02	1829	1835	1839	S16	W43	4476	04	29.6	10	SF	C 1.9	3	C		33		F	
0033	02	1914	1917*	2144	S10	W59	4474	04	28.5	150	SB	M 3.0				143			FK	
	RAMY	02	1914	1917	2005D	S11	W60	4474	04	28.4	51D	SB		3	C		97			K
	RAMY	02	1914	1944	2005D	S11	W60	4474	04	28.4	51D	1B		3	C		258			K
	HOLL	02	1915	1919	2130D	S07	W60	4474	04	28.4	135D	SB		3	C		113			FK
	HOLL	02	1915	1933	2130D	S07	W60	4474	04	28.4	135D	SB M 3.0		3	C		145			K
	PALE	02	1916E	1917U	2144	S11	W58	4474	04	28.5	148D	SB		3	C		71			FK
	PALE	02	1916E	1948	2144	S11	W58	4474	04	28.5	148D	1N		3	C		175			K
0034	PALE	02	2218	2242	2245	S13	W59	4474	04	28.6	27	SF		3	C		23			
0035	03	0311*	0316*	0332	S13	W65	4474	04	28.3	21	SN	C 7.1				38	.6		DEF	
	PEKG	03	0311	0317	0335	S12	W67	4474	04	28.2	24	SN	C 7.1		C	0317	46			D
	CULG	03	0312	0316	0328	S13	W66	4474	04	28.2	16	SF			C	0316	30			
	YUNN	03	0312	0321	0333	S12	W69	4474	04	28.0	21	SB			C		63			
	LEAR	03	0314	0321	0334	S12	W67	4474	04	28.2	20	SB	C 7.1	3	C		40			F
	PALE	03	0316E	0318	0322D	S13	W66	4474	04	28.2	6D	SN		3	C		40			
	URUM	03	0316	0322	0328	S12	W67	4474	04	28.2	12	SB			C		16			D
	PEKG	03	0326	0330	0334	S17	W57	4474	04	28.9	8	SF			C	0330	34	.6		E
	0036	03	0420	0425	0429	S15	W45	4476	04	29.9	9	SF	C 1.5				33	.6		EH
YUNN		03	0420	0425	0430	S14	W46	4476	04	29.8	10	SF			C		31	.5		
CULG		03	0422	0426	0431	S15	W44	4476	04	29.9	9	SF			C	0426	50	.7		H
LEAR		03	0425	0425	0427	S15	W45	4476	04	29.9	2	SF	C 1.5	3	C		21			
URUM		03	0425E	0425U	0429	S15	W44	4476	04	29.9	4D	SN			P	0425	31	.5		E
0037	03	0526	0526	0531	S18	W58	4474	04	28.9	5	SF					64	1.2		DV	
	CULG	03	0526	0526	0530	S18	W57	4474	04	29.0	4	SF			C	0526	40	.7		
	ABST	03	0526	0527	0532	S17	W60	4474	04	28.8	6	SF			C	0527	87	1.7		DV
0038	03	0720	0728*	0754	S18	W62	4474	04	28.7	34	1N	C 1.3				377	5.2		EFHKU	
	KHAR	03	0706E	0718D	S15	W78	4474	04	27.5	12D	SF			V	0718					
	KHAR	03	0718E	0728	0846D	S18	W62	4474	04	28.7	88D	SN			P	0805	300			EH
	CATA	03	0720	0730	0735D	S18	W60	4474	04	28.8	15D	2		2	P	0730	337	7.0		
	LEAR	03	0721	0728	0757	S18	W60	4474	04	28.8	36	1N		3	C		186			K
	LEAR	03	0721	0749	0757	S18	W60	4474	04	28.8	36	1N	C 1.3	3	C		1158			UFK
	URUM	03	0725E	0730	0750	S19	W59	4474	04	28.9	25D	1N			P		141	2.9		F
	PEKG	03	0730E	0730	0750	S18	W59	4474	04	28.9	20D	1F			P	0730	151	3.1		E
	CATA	03	0745E	0745	0805D	S19	W60	4474	04	28.8	20D	2		2	P	0745	365	7.6		

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																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0039	KHAR	03	0906E		0930D	S19	W62	4474	04	28.7	24D	SF			V	0906			DH
0040	KHAR	03	1003E		1005D	S10	W73	4474	04	28.0	2D	SF			V	1003			D
0041	RAMY	03	1057	1105	1136	S10	W44	4476	04	30.1	39	SN	C 1.1	3	C		74		F
0042	RAMY	03	1252	1305	1321	S17	W76	4474	04	27.9	29	SN	C 1.1	3	C		38		
0043	HOLL	03	1332	1333	1341	S15	W62	4474	04	29.0	9	SF		3	C		24		
0044		03	1600	16086	1638	S09	W46	4476	04	30.2	38	SN	C 1.8				54		F
	KANZ	03	1600	1608	1619D	S09	W46	4476	04	30.2	19D	SF		2					
	HOLL	03	1600	1614	1638	S09	W46	4476	04	30.2	38	SN	C 1.8	3	C		54		F
0045		03	16044	16151	1657	S11	W64	4474	04	28.9	53	SN					34		
	KANZ	03	1604	1615	1619D	S11	W64	4474	04	28.9	15D	SF		2					
	HOLL	03	1608	1616	1657	S11	W65	4474	04	28.9	49	SN		3	C		34		
0046	HOLL	03	1928	1934	1945	S09	W49	4476	04	30.1	17	SF	C 1.1	3	C		30		
0047		03	23341	23493	2439	S13	W71	4474	04	28.7	65	SN	C 3.6				81		E
	HOLL	03	2334	2349	2501	S11	W72	4474	04	28.7	87	SN	C 3.6	3	C		79		
	LEAR	03	2335	2352	2419	S14	W68	4474	04	28.9	44	SN	C 3.6	3	C		80		
	PEKG	03	2345E	2350	2437	S13	W73	4474	04	28.6	52D	SN	C 3.6		P	2350	84		E
0048	LEAR	04	0137	0137	0142	S14	W51	4476	04	30.2	5	SN		3	C		28		
0049	LEAR	04	0221	0224	0227	S11	W52	4476	04	30.2	6	SF		3	C		24		F
0050		04	03132	03172	0330	S11	W51	4476	04	30.3	17	SF	C 1.7				34		
	LEAR	04	0313	0317	0328	S11	W52	4476	04	30.2	15	SF	C 1.7	3	C		32		
	PALE	04	0315	0319	0331	S11	W50	4476	04	30.4	16	SF	C 1.7	3	C		35		
0051		04	06051	06062	0626	S13	W52	4476	04	30.3	21	SN					98	1.6	DV
	ATHN	04	0605	0606	0638	S11	W48	4476	04	30.6	33	SB		1	V	0606	80	.9	
	ABST	04	0606	0608	0617	S19	W53	4476	04	30.2	11	SN			C	0608	87	1.5	DV
	CULG	04	0608E	0608U	0615	S11	W53	4476	04	30.3	7D	IN			P	0608	120	2.1	
	BUCA	04	0610E	0615U	0635	S11	W54	4476	04	30.2	25D	SF			C	0615	107	1.8	
0052	HOLL	04	2317	2322	2328	S12	W63	4476	04	30.2	11	SF		3	C		40		
0053	HOLL	04	2333	2335	2348	S09	W63	4476	04	30.2	15	SB	C 2.8	3	C		61		EF
0054	HOLL	05	0054	0054	0101	S11	W64	4476	04	30.2	7	SF		3	C		30		
0055	LEAR	05	0535	0535	0539	S10	W84	4474	04	29.0	4	SF		3	C		77		
0056	PEKG	05	0540E	0540	0540D	S20	E38	4484A	05	8.1	4D	SF			P	0540	38	.5	E
0057		05	0703E	0808	0818D	N03	E90	4480	05	12.0	75D	1B							EHKR
	KHAR	05	0703E		0755D	N03	E90	4480	05	12.0	52D	1N			V	0703			EHK
	KHAR	05	0805E	0808	0818D	N03	E90	4480	05	12.1	13D	SB			V	0811			EHR
0058	KHAR	05	0725E		0738D	S16	W73	4476	04	29.9	13D	SF			V	0732			DH
0059	LEAR	05	0735	0737	0739	S10	W85	4474	04	29.0	4	SF		3	C		10		
0060		05	08064	0810	0840	N09	E90	4481	05	12.1	34	1B					71		H
	HTPR	05	0806	0810	0835	N10	E90	4481	05	12.1	29	SB			C	0810	30		
	CATA	05	0810	0810	0845	N08	E90	4481	05	12.1	35	1		2	C	0810	112		H
0061		05	0815	0816	0826	S12	W69	4476	04	30.1	11	SF					36		DH
	KHAR	05	0813E		0822D	S13	W69	4476	04	30.1	9D	SF			V	0813			DH
	LEAR	05	0815	0816	0824	S14	W69	4476	04	30.1	9	SF		3	C		28		
	BUCA	05	0815	0816	0829	S15	W70	4476	04	30.0	14	SF			C	0816	43		
	KHAR	05	0818E		0822D	S07	W69	4476	04	30.2	4D	SF			V	0819			D
0062	HTPR	05	0922	0924	0927	N10	E90	4481	05	12.1	5	SF			C	0924	10		

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																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0063	HTPR	05	0938	0948	0955	N10	E90	4481	05	12.2	17	SN			C	0948	20		E
0064		05	1016E	1017*	1045D	N05	E90	4481	05	12.1	29D	SF							H
	KHAR	05	1016E	1017	1030D	N05	E90	4481	05	12.1	14D	SF			V	1022			H
	KHAR	05	1038E	1038	1045D	N05	E90	4481	05	12.2	7D	SF			V	1038			H
0065		05	1109*	11242	1140	S13	W68	4476	04	30.3	31	1B					82	.9	DEF
	RAMY	05	1109	1124	1146	S11	W66	4476	04	30.5	37	1B			C		93		FE
	HTPR	05	1123	1124	1129	S14	W69	4476	04	30.2	6	SB			C	1124	40	.9	E
	CATA	05	1125	1125	1145	S14	W67	4476	04	30.4	20	1			C	1125	112		
	KHAR	05	1125E	1126	1134D	S13	W70	4476	04	30.2	9D	SN			V	1126			D
0066	RAMY	05	1156	1156	1202	S14	W74	4476	04	30.0	6	SF			C		12		
0067		05	12109	12146	1221	N07	E90	4481	05	12.2	11	SF					12		
	RAMY	05	1210	1214	1216	N07	E90	4481	05	12.2	6	SF			C		17		
	RAMY	05	1219	1220	1226	N07	E90	4481	05	12.2	7	SF			C		8		
0068	RAMY	05	1242	1246	1302	S10	W75	4476	04	30.0	20	SN			C		72		
0069	RAMY	05	1553	1557	1603	S10	W76	4476	04	30.0	10	SF			C		12		
0070	PALE	05	1751	1752	1755	S14	W73	4476	04	30.2	4	SF			C		24		
0071	LEAR	06	0150E	0151	0201	N06	E83	4481	05	12.3	11D	SF			C		13		
0072		06	02493	02521	0305	S22	E25	4478	05	8.0	16	SN					46	.6	GHS
	YUNN	06	0249	0253	0301	S22	E25	4478	05	8.0	12	SN			P		47	.6	G
	LEAR	06	0252	0252	0309	S21	E25	4478	05	8.0	17	SN			C		44		HS
0073		06	04094	04161	0425	N06	E86	4481	05	12.6	16	SN	C 2.4				17		A
	YUNN	06	0409	0417	0422D	N06	E90	4481	05	12.9	13D	SN			P		16		A
	LEAR	06	0413	0416	0425	N06	E83	4481	05	12.4	12	SF	C 2.4	3	C		18		
0074		06	0827	0827	0846	N07	E82	4481	05	12.5	19	SB					32		
	KANZ	06	0827	0827	0847	N07	E74	4481	05	11.9	20	SN			2				
	ATHN	06	0827E	0828D	0844	N07	E89	4481	05	13.0	17D	SB			V	0828	32		
0075	KANZ	06	0827	0827	0835	S04	E70	4480	05	11.6	8	SF			2				
0076	KANZ	06	0923	0923	0927	N09	E73	4481	05	11.9	4	SN			2				
0077	KHAR	06	0946E	0947	0950D	S12	E28	4479	05	8.5	4D	SF			V	0947			
0078		06	1039	1039*	1055	N06	E78	4481	05	12.3	16	SN							E
	KANZ	06	1039	1039	1055	N09	E75	4481	05	12.1	16	SB			2				
	KHAR	06	1040E	1041	1058D	N04	E80	4481	05	12.4	18D	SN			V	1041			E
	KHAR	06	1112E	1112	1133D	N04	E80	4481	05	12.4	21D	SN			V	1112			E
0079		06	1143	1143	1154	N10	E81	4481	05	12.6	11	SN					9		
	RAMY	06	1143	1143	1152	N10	E88	4481	05	13.1	9	SF			C		9		
	KANZ	06	1143	1143	1155	N09	E74	4481	05	12.0	12	SB			2				
0080	HOLL	06	1320	1328	1335	N05	E78	4481	05	12.4	15	SF			C		17		
0081	HOLL	06	1414	1420	1452	N05	E79	4481	05	12.5	38	SF			C		12		FH
0082	KANZ	06	1433	1433	1437	N04	E63	4480	05	11.3	4	SF			2				
0083		06	16196	1625	1636	N06	E86	4481	05	13.1	17	SB	C 3.1				31		E
	RAMY	06	1619	1625	1642	N08	E89	4481	05	13.3	23	SB	C 3.1	3	C		41		
	HOLL	06	1625	1625	1630	N05	E84	4481	05	13.0	5	SB	C 3.1	3	C		21		E
0084		06	17211	1723	1730	N05	E78	4481	05	12.5	9	SN	C 3.8				44		
	HOLL	06	1721	1723	1730	N04	E77	4481	05	12.5	9	SN			C		48		
	RAMY	06	1722	1723	1729	N06	E79	4481	05	12.6	7	SN	C 3.8	3	C		40		
0085		06	1905*	19105	1918	N06	E78	4481	05	12.6	13	SN	C 3.8				23		F
	HOLL	06	1905	1911	1913	N05	E80	4481	05	12.8	8	SN	C 3.8	3	C		26		F
	RAMY	06	1907	1910	1918	N07	E78	4481	05	12.6	11	SN			C		29		
	PALE	06	1915	1915	1922	N05	E76	4481	05	12.5	7	SF			C		13		

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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
																	(10 ⁻⁶ Disk)	Apparent Corr (Sq Deg)	
0086		07	0413*	04311	0449	N08	E69	4481	05	12.3	36	1N	C 2.7				112		DE
	LEAR	07	0413	0432	0444	N06	E68	4481	05	12.3	31	1N	C 2.7	2	C		116		
	ABST	07	0428	0431	0500	N12	E70	4481	05	12.4	32	1N			C	0431	87		D
	PEKG	07	0432E	0432	0443	N07	E70	4481	05	12.4	11D	SN	C 2.7		P	0432	134		E
0087		07	06484	06532	0708	N06	E68	4481	05	12.4	20	SN	C 2.2				54	1.2	DE
	LEAR	07	0648	0655	0705D	N06	E69	4481	05	12.4	17D	SN	C 2.2	2	C		44		
	BUCA	07	0650	0653	0714	N07	E70	4481	05	12.5	24	SN	C 2.2		C	0653	54		D
	CATA	07	0650	0655	0705D	N05	E68	4481	05	12.4	15D	S		2	P	0655	56		
	ATHN	07	0652	0653	0703	N06	E66	4481	05	12.2	11	SN		2	V	0653	48	1.2	
	KHAR	07	0656E		0740D	N05	E70	4481	05	12.5	44D	SF			P	0700	70		E
			07	1011		1019	No Flare Patrol												
0088	RAMY	07	1059E		1127	N05	E66	4481	05	12.4	28D	SF					19		F
0089	RAMY	07	1135	1136	1141	N05	E65	4481	05	12.3	6	SF					12		
			07	1224		1234	No Flare Patrol												
0090		07	1325	13272	1346	N06	E67	4481	05	12.6	21	SF	C 2.6				30		FS
	RAMY	07	1325	1327	1347	N07	E71	4481	05	12.9	22	SF	C 2.6	3	C		30		FS
	KANZ	07	1325	1329	1346	N05	E63	4481	05	12.3	21	SF		1					
0091	RAMY	07	1437	1437	1443	N05	E64	4481	05	12.4	6	SN					23		
0092	PALE	07	1742	1744	1753	N10	E70	4481	05	13.0	11	SF					45		
0093		07	1835*	1845*	1907	N07	E61	4481	05	12.3	32	SF					40		F
	PALE	07	1835	1845	1901	N06	E60	4481	05	12.3	26	SF					56		F
	PALE	07	1906	1907	1913	N08	E62	4481	05	12.4	7	SF					24		
0094	HOLL	07	2115	2115	2121	N04	E66	4481	05	12.8	6	SF					14		F
0095		07	23535	2356*	2414	N00	E53	4480	05	11.9	21	SN					53	.9	FK
	CULG	07	2353	2356	2405	N01	E52	4480	05	11.9	12	SB			C	2356	60	.9	
	HOLL	07	2356	2358	2406	S02	E53	4480	05	11.9	10	SN					70		F
	PALE	07	2358	2359	2404	N01	E53	4480	05	11.9	6	SN					63		
	LEAR	08	0002E	0002	0027	N01	E54	4480	05	12.0	25D	SF					55		K
	LEAR	08	0002E	0021	0027	N01	E54	4480	05	12.0	25D	SN					20		K
0096		08	00379	0040*	0058	N02	E57	4480	05	12.3	21	SN					17		
	HOLL	08	0037	0040	0045	N02	E57	4480	05	12.3	8	SF					16		
	HOLL	08	0046	0051	0111	N02	E57	4480	05	12.3	25	SN					18		
0097		08	00442	00474	0057	N06	E59	4481	05	12.4	13	SN					23		
	LEAR	08	0044	0047	0058	N06	E61	4481	05	12.6	14	SF					23		
	PALE	08	0046	0051	0056	N06	E57	4481	05	12.3	10	SN					23		
0098		08	0117	01181	0128	N08	E66	4481	05	13.0	11	1N	C 1.8				63		
	CULG	08	0117	0118	0124	N09	E68	4481	05	13.1	7	1F			C	0118	90		
	HOLL	08	0117	0119	0131	N08	E65	4481	05	12.9	14	SN	C 1.8	2	C		36		
0099		08	0154	0155*	0236	N07	E59	4481	05	12.5	42	SB	C 6.7				101	2.3	K
	CULG	08	0151E	0155U	0218U	N06	E55	4481	05	12.2	27U	1B			P	0155	140	2.3	K
	PALE	08	0154	0155	0236	N08	E61	4481	05	12.6	42	SB	C 6.7	3	C		100		K
	PALE	08	0154	0211	0236	N08	E61	4481	05	12.6	42	SN		3	C		63		K
0100	ABST	08	0428	0433	0450	N03	E58	4481	05	12.5	22	1F				0433	131	2.6	E
0101	HOLL	08	1732	1732	1736	N06	E58	4481	05	13.1	4	SF	C 1.3	3	C		17		F
0102		08	2056	20568	2118	N08	E57	4481	05	13.1	22	SB	C 4.3				43		EK
	HOLL	08	2056	2056	2118	N08	E57	4481	05	13.1	22	SN					26		K
	HOLL	08	2056	2104	2118	N08	E57	4481	05	13.1	22	SB	C 4.3	3	C		60		EK
0103	PALE	08	2214	2214	2222	N08	E54	4481	05	13.0	8	SF					46		F

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																	(10 ⁻⁶ Disk)	Apparent Corr (Sq Deg)		
0104	HOLL	09	0122E	0123	0126	N01	E28	4480	05	11.1	4D	SN						30		
0105	YUNN	09	0218E	0218U	0218D	N00	E38	4480	05	11.9	4D	SN			P	0218	16	.2		
0106	HTPR	09	0837	0840	0851	N06	E30	4480	05	11.6	14	SF			C	0840	20	.3	E	
0107	HTPR	09	1008	1010	1021	N06	E50	4481	05	13.2	13	SF			C	1010	10	.1		
		09	1132		1133	No Flare Patrol														
0108	HTPR	09	1406E		1425	N04	E42	4481	05	12.7	19D	SF			C	1416	50	.7	E	
0109	HTPR	09	1406E		1429D	N02	E34	4480	05	12.1	23D	SF			C	1416	80	1.0	E	
0110	RAMY	09	1506	1506	1509	N05	E35	4481	05	12.2	3	SF			3	C		30		
0111	RAMY	09	1530	1531	1535	N08	E41	4481	05	12.7	5	SN	C 1.8		3	C		44		
0112		09	1536	1539 ⁵	1624	N13	E53	4481	05	13.6	48	IB	C 8.5					219		EFKU
	HOLL	09	1536	1539	1626	N12	E53	4481	05	13.6	50	SB	C 8.5	3	C			128		K
	RAMY	09	1536	1542	1621	N14	E53	4481	05	13.6	45	IB	C 8.5	3	C			198		FE
	HOLL	09	1536	1544	1626	N12	E53	4481	05	13.6	50	IB		3	C			331		UFK
0113	HOLL	09	2042	2044	2047	N01	E32	4480	05	12.2	5	SN	C 2.1	3	C			25		
0114	HOLL	09	2233	2234	2241	S10	W54	4484	05	5.9	8	SF			3	C		24		
0115		09	2247*	2316*	2356	S11	W60	4484	05	5.4	69	SF						23		
	HOLL	09	2247	2316	2339	S11	W59	4484	05	5.5	52	SF			3	C		33		
	LEAR	09	2346	2348	2350	S12	W60	4484	05	5.5	4	SF			3	C		21		
	HOLL	09	2351	2410	2420	S11	W60	4484	05	5.5	29	SF			3	C		15		
0116	CULG	09	2256	2258	2304	N03	E29	4480	05	12.1	8	SN				C	2258	50	.6	
0117	HOLL	09	2257	2257	2301	N07	E33	4481	05	12.4	4	SN	C 1.7	3	C			22		F
0118		09	2328	2329	2334	N06	E43	4481	05	13.2	6	SF						40		
	HOLL	09	2328	2329	2331	N06	E44	4481	05	13.3	3	SF			3	C		29		
	LEAR	09	2328	2329	2338	N07	E42	4481	05	13.1	10	SF			3	C		51		
0119	LEAR	10	0038	0054	0103	S12	W62	4484	05	5.3	25	SF			3	C		24		
0120		10	0104	01128	0144	N08	E40	4481	05	13.0	40	SN	C 3.2					49	.4	FK
	LEAR	10	0104	0112	0153	N08	E40	4481	05	13.0	49	SN			3	C		47		K
	LEAR	10	0104	0120	0153	N08	E40	4481	05	13.0	49	SN	C 3.2	3	C			83		FK
	PURP	10	0115E	0115	0115D	N09	E41	4481	05	13.1	49D	SB				V	0115	34	.5	
	YUNN	10	0115E	0119	0125	N06	E41	4481	05	13.1	10D	SN				P		31	.4	
0121		10	01172	01212	0128	N02	E28	4480	05	12.1	11	SB						58	.8	E
	CULG	10	0117	0121	0129	N03	E28	4480	05	12.1	12	SB				C	0121	80	.9	E
	YUNN	10	0119	0122	0128D	N02	E29	4480	05	12.2	9D	SB				P		63	.7	
	HOLL	10	0122E	0123	0126	N01	E28	4480	05	12.1	4D	SN			3	C		30		
0122		10	01155	0134*	0320	N16	E65		05	15.0	125	1F						198	6.9	EFGIUWV
	CULG	10	0115	0134	0450	N18	E62		05	14.8	215	2F				C	0134	300	6.9	WVIF
	MITK	10	0120	0202	0537	N18	E67		05	15.1	257	2F				C	0202	420		FGU
	YUNN	10	0150E	0150U	0155	N13	E65		05	15.0	5D	SN				P	0150	16		EG
	LEAR	10	0150E	0157	0212	N15	E68		05	15.2	22D	1F			3	C		207		UF
	PALE	10	0159E	0200U	0207	N16	E63		05	14.9	8D	SF			3	C		48		
0123	LEAR	10	0204	0207	0223	N07	E33	4481	05	12.5	19	SN			3	C		49		
0124	LEAR	10	0239	0239	0246	S12	W62	4484	05	5.4	7	SF			3	C		20		
0125	LEAR	10	0314	0314	0321	S13	W62	4484	05	5.4	7	SF			3	C		19		
0126		10	0320	0321	0334	N08	E40	4481	05	13.1	14	SB						56	.8	F
	LEAR	10	0320	0321	0337	N07	E39	4481	05	13.1	17	SN			3	C		58		F
	PURP	10	0321E	0321	0331	N09	E40	4481	05	13.1	10D	SB				P	0321	55	.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)		
0127		10	03584	03596	0417	N06	E39	4481	05	13.1	19	SN				71	1.2	E	
	LEAR	10	0358	0359	0415	N07	E39	4481	05	13.1	17	SF	3	C		25			
	URUM	10	0359	0402	0411	N05	E38	4481	05	13.0	12	SN		C		141	1.9	E	
	URUM	10	0402	0405	0425	N06	E39	4481	05	13.1	23	SN		C		47	.6		
0128		10	0444*	0449*	0539	N07	E38	4481	05	13.0	55	SN				77	1.2	EF	
	URUM	10	0444	0449	0514	N05	E39	4481	05	13.1	30	1F		C		157	2.1		
	URUM	10	0509	0535	0559	N06	E37	4481	05	13.0	50	SF		C		79	1.0	E	
	PURP	10	0528	0533	0544	N09	E39	4481	05	13.1	16	SN		C	0533	41	.6		
	LEAR	10	0530	0533	0538	N08	E38	4481	05	13.1	8	SN	3	C		32		F	
0129	URUM	10	0604	0609	0619	N08	E42	4481	05	13.4	15	SF		C		126	1.8		
0130	ISTA	10	0630E		0700	S12	W63	4484	05	5.5	30D	1N						D	
0131	LEAR	10	0637	0642	0648	N07	E37	4481	05	13.0	11	SN	3	C		36		F	
0132		10	07424	07472	0756	N08	E36	4481	05	13.0	14	SN	C 2.1			38	.5	EF	
	PURP	10	0742	0748	0758	N09	E38	4481	05	13.2	16	SB		C	0748	41	.6		
	ATHN	10	0743E	0747	0756	N08	E34	4481	05	12.9	13D	SN	2	V	0747	64	.8		
	LEAR	10	0744	0748	0756	N05	E35	4481	05	12.9	12	SN	C 2.1	3	C		40		F
	URUM	10	0744	0749	0754	N07	E36	4481	05	13.0	10	SN		C		16	.2		
	HTPR	10	0745	0748	0759	N08	E37	4481	05	13.1	14	SB		C	0748	30	.4	E	
	ISTA	10	0746	0749	0754	N09	E38	4481	05	13.2	8	SN	C 2.1					E	
0133		10	0757*	08116	0835	S13	W65	4484	05	5.4	38	SN				16	.3	DK	
	ATHN	10	0750E	0816	0839	S12	W66	4484	05	5.3	49D	SB	2	V	0816	19	.4		
	LEAR	10	0757	0813	0837	S13	W65	4484	05	5.4	40	SB	3	C		18		K	
	LEAR	10	0757	0817	0837	S13	W65	4484	05	5.4	40	SN	3	C		17		K	
	HTPR	10	0800	0811	0840	S13	W66	4484	05	5.3	40	SF		C	0811	10	.2		
	ISTA	10	0812		0822	S13	W65	4484	05	5.4	10	SN						D	
0134		10	08144	08192	0830	N04	E31	4481	05	12.7	16	SF				65	.8	DE	
	URUM	10	0814	0819	0830	N04	E31	4481	05	12.7	16	SF		C		110	1.3	D	
	ISTA	10	0818		0821	N04	E31	4481	05	12.7	3	SN						D	
	HTPR	10	0818	0821	0840	N04	E31	4481	05	12.7	22	SF		C	0821	20	.2	E	
0135		10	08171	08183	0827	N03	E25	4480	05	12.2	10	SN	C 1.4			32	.3	E	
	HTPR	10	0817	0818	0827	N04	E23	4480	05	12.1	10	SF		C	0818	20	.2	E	
	LEAR	10	0817	0820	0831	N02	E25	4480	05	12.2	14	SB	C 1.4	3	C		45		
	ISTA	10	0818		0824	N04	E25	4480	05	12.2	6	SN	C 1.4					E	
	ATHN	10	0818E	0821	0827	N03	E27	4480	05	12.4	9D	SB	2	V	0821	32	.4		
0136		10	08398	08494	0858	N03	E24	4480	05	12.1	19	SB				62	.7	DE	
	URUM	10	0839	0849	0859	N02	E24	4480	05	12.1	20	SN		C		94	1.1	D	
	PURP	10	0844	0850	0857	N03	E25	4480	05	12.2	13	SB		C	0850	41	.5		
	HTPR	10	0847	0853	0859	N04	E23	4480	05	12.1	12	SB		C	0853	50	.6	E	
0137		10	09395	09441	0948	N06	E30	4481	05	12.6	9	SF				36	.4	D	
	URUM	10	0939	0944	0949	N06	E30	4481	05	12.6	10	SF		C		63	.8	D	
	HTPR	10	0944	0945	0948	N07	E29	4481	05	12.6	4	SF		C	0945	10	.1		
0138		10	10109	10235	1032	N08	E31	4481	05	12.7	22	SN				83	1.0	EK	
	HTPR	10	1010	1023	1034	N07	E29	4481	05	12.6	24	SN		C	1023	30	.3	EK	
	HTPR	10	1010	1028	1034	N07	E29	4481	05	12.6	24	SN		C	1023	30	.3	EK	
	URUM	10	1019	1024	1029	N10	E34	4481	05	13.0	10	1F		C		189	2.4		
0139	HTPR	10	1017	1021	1028	N15	E35		05	13.1	11	SN		C	1021	20	.2		
0140	HTPR	10	1048	1050	1052	N15	E35		05	13.1	4	SN		C	1050	10	.1		
0141		10	1054*	1105*	1146	S13	W67	4484	05	5.4	52	SN	C 1.4			59	.2	K	
	HTPR	10	1054	1119	1132	S13	W67	4484	05	5.4	38	SF		C	1119	10	.2		
	RAMY	10	1105	1105	1153	S13	W67	4484	05	5.4	48	1N		C		92		K	
	RAMY	10	1105	1112	1153	S13	W67	4484	05	5.4	48	SN	C 1.4	3	C		76		K
0142		10	11053	1109	1122	N08	E28	4481	05	12.6	17	SN				62	.3		
	RAMY	10	1105	1109	1130	N07	E28	4481	05	12.5	25	SN		C		95			
	HTPR	10	1108	1109	1115	N08	E27	4481	05	12.5	7	SF		C	1109	30	.3		

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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	
																	(10 ⁻⁶)	Disk		Apparent
0143	RAMY	10	1153	1207	1220	N07	E28	4481	05	12.6	27	SF		3	C		56			
0144	RAMY	10	1201	1216	1218	S13	W67	4484	05	5.4	17	SF		3	C		18			
0145		10	1313*	1413	1422	S12	W68	4484	05	5.4	69	SN					28	.9	E	
	HTPR	10	1313		1525D	S13	W68	4484	05	5.4	132D	SN			C	1333	40	.9	E	
	HOLL	10	1413	1413	1422	S12	W69	4484	05	5.4	9	SF		3	C		15			
0146	HTPR	10	1339	1340	1344	N02	E21	4480	05	12.1	5	SN			C	1340	30	.3		
0147		10	1423*	1423*	1437	N07	E29	4481	05	12.8	14	SF					45	.2		
	HTPR	10	1423	1423	1425	N09	E33	4481	05	13.1	2	SF			C	1423	20	.2		
	HOLL	10	1432	1432	1437	N07	E26	4481	05	12.5	5	SN		3	C		49			
	HOLL	10	1441	1443	1449	N06	E27	4481	05	12.6	8	SF		3	C		66			
0148		10	14555	15003	1514	N06	E26	4481	05	12.6	19	SN	C 1.9				40	.3	F	
	HOLL	10	1455	1500	1514	N06	E27	4481	05	12.6	19	SN	C 1.9	3	C		51		F	
	HTPR	10	1500	1503	1513	N07	E25	4481	05	12.5	13	SN			C	1503	30	.3		
0149		10	1529	1530*	1644D	N09	E29	4481	05	12.8	75D	1N	C 4.9				148		EFK	
	RAMY	10	1529	1530	1644D	N09	E29	4481	05	12.8	75D	SF		3	C		60		K	
	RAMY	10	1529	1552	1644D	N09	E29	4481	05	12.8	75D	1B	C 4.9	3	C		237		FEK	
0150	RAMY	10	1547	1550	1601	S13	W71	4484	05	5.3	14	SF		3	C		16			
		10	1615		1650	No Flare Patrol														
0151		10	1720	1723*	1826	N03	E21	4480	05	12.3	66	2B	M 4.7				598		EFK	
	HOLL	10	1720	1723	1826	N03	E21	4480	05	12.3	66	2B		3	C		661		K	
	HOLL	10	1720	1751	1826	N03	E21	4480	05	12.3	66	2B	M 4.7	3	C		536		FEK	
0152		10	1721	1724*	1810	N06	E26	4481	05	12.7	49	1B	M 4.7				413		EFK	
	PALE	10	1721	1724	1810	N07	E27	4481	05	12.7	49	2B		3	C		579		FEK	
	PALE	10	1721	1752	1810	N07	E27	4481	05	12.7	49	1B	M 4.7	3	C		270		K	
	RAMY	10	1723E	1724	1815D	N05	E25	4481	05	12.6	52D	2B		3	C		736		FEK	
	RAMY	10	1723E	1808	1815D	N05	E25	4481	05	12.6	52D	SF		3	C		67		K	
0153	PALE	10	1735	1738	1754	S04	E14	4480	05	11.8	19	SF		3	C		29			
		10	1912		1945	No Flare Patrol														
		10	1957		2002	No Flare Patrol														
		10	2007		2025	No Flare Patrol														
		10	2031		2051	No Flare Patrol														
0154		10	2052E	2053	2152	N08	E28	4481	05	13.0	60D	SN					44		F	
	RAMY	10	2052E	2053	2102D	N08	E27	4481	05	12.9	10D	SN		2	C		50		F	
	HOLL	10	2131E	2140U	2152	N07	E30	4481	05	13.1	21D	SF		3	C		37		F	
		10	2109		2117	No Flare Patrol														
0155		10	2216	22198	2231	N07	E25	4481	05	12.8	15	SN	C 1.9				55		FK	
	PALE	10	2203E	2219	2231	N07	E24	4481	05	12.7	28D	SF		3	C		78		K	
	PALE	10	2203E	2227	2231	N07	E24	4481	05	12.7	28D	SN	C 1.9	3	C		30		FK	
	HOLL	10	2216	2227	2231	N06	E26	4481	05	12.9	15	SN	C 1.9	3	C		56		F	
0156	HOLL	10	2320	2322	2328	N07	E22	4481	05	12.6	8	SF		3	C		36			
0157	ABST	11	0448	0458	0515	N10	E30	4485A	05	13.4	27	SN			C	0458	131	1.5	E	
0158		11	05361	05371	0542	N06	E16	4481	05	12.4	6	SN					68	.7	DJV	
	CULG	11	0536	0537	0540	N05	E16	4481	05	12.4	4	SN			C	0537	50	.5	J	
	ABST	11	0537	0538	0545	N06	E16	4481	05	12.4	8	SN			C	0538	87	.9	DV	
0159		11	0729	0732	0800	N03	E12	4480	05	12.2	31	1N	M 1.8				343	3.6	E	
	ATHN	11	0728E	0732	0751	N03	E12	4480	05	12.2	23D	1B		2	V	0732	398	4.2		
	BUCA	11	0729	0732	0808	N03	E12	4480	05	12.2	39	1N	M 1.8		C	0732	430	4.5	E	
	KHAR	11	0750E		0820D	N03	E13	4480	05	12.3	30D	1N			P	0756	200	2.1	E	

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																Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0160	PURP	11	0731E	0736	0805	N06	E13	4481	05	12.3	34D	1B		C	0736	303	3.2		
0161	KHAR	11	0750E		0820D	S10	W85	4484	05	4.9	30D	SN		V	0807			DH	
0162		11	08202	08222	0855	N09	E28	4481	05	13.4	35	SN				35	.4	D	
	URUM	11	0820	0822	0825D	N09	E28	4481	05	13.4	5D	SN		P		16	.2		
	BUCA	11	0822	0824	0855	N09	E28	4481	05	13.4	33	SF		C	0824	54	.6	D	
0163		11	0926	0933	1016	N03	E12	4480	05	12.3	50	SN				56	.6		
	ATHN	11	0926	0933	0946	N03	E11	4480	05	12.2	20	SF	2	V	0933	32	.3		
	ATHN	11	0934E	1036D	1045	N03	E12	4480	05	12.3	71D	SN	2	V	1036	80	.8		
0164		11	10471	1048	1106	N06	E22	4481	05	13.1	19	SB M	1.1			164	1.8	EF	
	ATHN	11	1047	1048	1052	N06	E21	4481	05	13.0	5	SB		2	V	1048	159	1.8	
	RAMY	11	1048	1048	1120	N07	E22	4481	05	13.1	32	SB M	1.1	3	C		170		FE
0165		11	1516	15188	1532	N09	E24	4481	05	13.4	16	SB				103		K	
	RAMY	11	1516	1518	1532	N09	E24	4481	05	13.4	16	SN		3	C		43		K
	RAMY	11	1516	1526	1532	N09	E24	4481	05	13.4	16	SB		3	C		163		K
		11	1905		1912	No Flare Patrol													
0166		11	1923*	1929*	2007	N06	E10	4481	05	12.5	44	SN C	2.0			69		FK	
	HOLL	11	1923	1929	2002	N04	E07	4481	05	12.3	39	SF		3	C	55		K	
	HOLL	11	1923	1951	2002	N04	E07	4481	05	12.3	39	SN C	2.0	3	C	98		FK	
	PALE	11	1944E	1948U	2000	N08	E17	4481	05	13.1	16D	SN C	2.0	3	C	61		F	
	HOLL	11	2002	2011	2025	N06	E11	4481	05	12.6	23	SF		3	C	63			
0167		11	2026*	2031*	2148	N05	E09	4481	05	12.5	82	1N C	7.2			245		FKU	
	PALE	11	2026	2031	2143	N04	E06	4481	05	12.3	77	SF		3	C	32		K	
	PALE	11	2026	2051	2143	N04	E06	4481	05	12.3	77	1N C	7.2	3	C	447		FK	
	HOLL	11	2027	2037	2154	N05	E09	4481	05	12.5	87	1N		3	C	234		K	
	HOLL	11	2027	2052	2154	N05	E09	4481	05	12.5	87	1N C	7.2	3	C	480		UFK	
	PALE	11	2145	2147	2149	N09	E16	4481	05	13.1	4	SN		3	C	31			
0168	PALE	11	2201	2203	2205	N04	E11	4481	05	12.7	4	SF		3	C	51			
0169		12	0005*	0005*	0018	N06	E13	4481	05	13.0	13	SN C	1.8			37	.3	F	
	LEAR	12	0005	0005	0009	N07	E15	4481	05	13.1	4	SN		3	C	23			
	PALE	12	0005	0005	0012	N07	E15	4481	05	13.1	7	SF		3	C	34			
	HOLL	12	0005	0005	0014	N08	E15	4481	05	13.1	9	SN		3	C	31			
	MANI	12	0012	0017	0025D	N07	E11	4481	05	12.8	13D	SN		1	V	30	.3	F	
	HOLL	12	0016	0017	0029	N05	E10	4481	05	12.7	13	SB C	1.8	3	C	40		F	
	PALE	12	0016	0017	0029	N05	E11	4481	05	12.8	13	SN C	1.8	3	C	66		F	
0170	PALE	12	0103	0107	0122	N05	E10	4481	05	12.8	19	SF		3	C	29		F	
0171	PALE	12	0144	0145	0146	N09	E13	4481	05	13.0	2	SF		3	C	21			
0172	LEAR	12	0315	0318	0323	N07	E14	4481	05	13.2	8	SF		3	C	58		F	
0173		12	0354	03541	0403	N10	E10	4481	05	12.9	9	SN C	1.1			49		FU	
	LEAR	12	0354	0354	0403	N10	E11	4481	05	13.0	9	SN C	1.1	3	C	44		UF	
	PALE	12	0354	0355	0403	N10	E10	4481	05	12.9	9	SF C	1.1	3	C	54		F	
0174		12	05285	0537*	0606	N03	W00	4480	05	12.2	38	1B M	1.3			412	4.6	EFT	
	CULG	12	0528	0539	0601	N04	E00	4480	05	12.2	33	1B		P	0539	400	4.0	E	
	URUM	12	0531	0537	0557	N03	W00	4480	05	12.2	26	2B		C		786	8.1		
	LEAR	12	0532	0542U	0619	N02	W02	4480	05	12.1	47	1B M	1.3	3	C	200		F	
	ABST	12	0533	0540	0614D	N02	E01	4480	05	12.3	41D	1N		P	0540	436	4.5	FT	
	HTPR	12	0534E		0548D	N04	E01	4480	05	12.3	14D	1B		C	0540	300	3.0	E	
	MITK	12	0546E	0548	0619D	N03	W02	4480	05	12.1	33D	1N		C	0548	350	3.6	E	
0175	HTPR	12	0854	0857	0905	N01	W12	4480	05	11.5	11	SF		C	0857	20	.2	E	
0176		12	0907	0909	0920	N03	W02	4480	05	12.2	13	SN				34	.4	E	
	HTPR	12	0907	0909	0916	N02	W04	4480	05	12.1	9	SF		C	0909	20	.2	E	
	ATHN	12	0910E	0913D	0924	N04	W01	4480	05	12.3	14D	SN		2	V	0913	48	.5	

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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)	
0177	KHAR	12	0920E		0927D	S11	W90	4484	05	5.6	7D	SF				0920			H
0178		12	10051	10083	1032	N02	W04	4480	05	12.1	27	1B					412	4.3	
	CATA	12	1005	1010	1040	N03	W03	4480	05	12.2	35	1		2	C	1010	337	3.5	
	KHAR	12	1006E	1008	1040D	N02	W05	4480	05	12.0	34D	1B			P	1008			
	URUM	12	1006	1011	1024	N02	W03	4480	05	12.2	18	1N			C		487	5.1	
0179	ATHN	12	1007	1009	1026	N13	W10	4483A	05	11.7	19	SB		2	V	1009	111	1.2	
0180		12	1257*	1258*	1337	N03	W03	4480	05	12.3	40	SB	C 2.2				104	1.3	HS
	RAMY	12	1257	1258	1317	N02	W04	4480	05	12.2	20	SB	C 2.2	3	C		141		HS
	ATHN	12	1257	1259	1348	N03	W02	4480	05	12.4	51	SB		2	V	1259	127	1.3	
	RAMY	12	1334	1338	1347	N04	W04	4480	05	12.3	13	SN		3	C		44		
0181	RAMY	12	1351	1352	1401	N09	E05	4481	05	12.9	10	SF		3	C		28		
0182		12	14221	1423	1433	N04	W02	4481	05	12.4	11	SB	C 2.1				68		EFH
	RAMY	12	1422	1423	1435	N04	W04	4481	05	12.3	13	SB	C 2.1	3	C		81		EH
	HOLL	12	1423	1423	1431	N05	E00	4481	05	12.6	8	SN	C 2.1	3	C		54		F
0183	HOLL	12	1539	1544	1617	N04	W04	4481	05	12.3	38	SF		3	C		50		F
0184	RAMY	12	1650	1659	1709	N02	W06	4480	05	12.2	19	SF		3	C		110		F
0185		12	1652*	1657*	1723	N06	W01	4481	05	12.6	31	SF	C 1.0				54		FK
	HOLL	12	1652	1659	1732	N06	W00	4481	05	12.7	40	SF		3	C		58		K
	HOLL	12	1652	1711	1732	N06	W00	4481	05	12.7	40	SN	C 1.0	3	C		48		FK
	PALE	12	1655	1657	1704	N09	E04	4481	05	13.0	9	SF		3	C		71		F
	RAMY	12	1710	1711	1734	N04	W06	4481	05	12.3	24	SN	C 1.1	3	C		67		F
	PALE	12	1711	1711	1716	N04	W05	4481	05	12.3	5	SF	C 1.1	3	C		26		F
0186		12	18473	18491	1859	N04	W06	4481	05	12.3	12	SF					32		
	PALE	12	1847	1849	1859	N04	W05	4481	05	12.4	12	SF		3	C		40		
	RAMY	12	1850	1850	1853D	N03	W06	4481	05	12.3	3D	SF		3	C		25		
0187		12	1902*	19133	1918	N04	W06	4481	05	12.3	16	SF					34		F
	PALE	12	1902	1916	1919	N03	W07	4481	05	12.3	17	SF		3	C		43		
	HOLL	12	1912	1913	1918	N04	W06	4481	05	12.3	6	SF		3	C		24		F
0188		12	19261	1927	1934	N08	E04	4481	05	13.1	8	SF					42		F
	PALE	12	1926	1927	1933	N07	E04	4481	05	13.1	7	SF		3	C		49		F
	HOLL	12	1927	1927	1936	N08	E03	4481	05	13.0	9	SF		3	C		34		F
0189	HOLL	12	2056	2057	2123	N09	E02	4481	05	13.0	27	SF		3	C		35		F
0190	RAMY	12	2133	2133	2154	N05	W06	4481	05	12.4	21	SF		3	C		76		F
0191		12	2314	2323	2334	N04	W09	4480	05	12.3	20	SF	C 2.0				55	.6	F
	CULG	12	2303E	2303U	2304D	N03	W09	4480	05	12.3	1D	SF			P	2303	60	.6	
	HOLL	12	2314	2323	2334	N04	W09	4480	05	12.3	20	SF	C 2.0	3	C		50		F
0192	HOLL	12	2340	2409	2428	N04	W09	4481	05	12.3	48	SF		3	C		192		F
0193		13	0039	0040	0054	N04	W10	4481	05	12.3	15	SB					30	.2	
	MANI	13	0020E	0040	0054	N04	W10	4481	05	12.3	34D	SN		1	V		25	.2	
	HOLL	13	0039	0041U	0041D	N04	W09	4481	05	12.3	2D	SB		3	C		36		
0194	RAMY	13	1113	1116	1129	N05	W12	4481	05	12.6	16	SF		3	C		60		
0195	RAMY	13	1121	1124	1132	S12	W07	4485	05	12.9	11	SF		3	C		37		
0196	RAMY	13	1137	1139	1149	N04	W10	4481	05	12.7	12	SF		3	C		34		F
0197	RAMY	13	1303	1305	1320	N09	W01	4481	05	13.5	17	SF		3	C		40		F
0198		13	1423	1426	1439	N08	W06	4481	05	13.1	16	SN	C 1.6				83		FU
	RAMY	13	1423	1426	1452D	N08	W07	4481	05	13.1	29D	SN	C 1.6	3	C		96		UF
	HOLL	13	1426E	1426U	1439	N07	W06	4481	05	13.1	13D	SF	C 1.6	3	C		70		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)	
0199	HOLL	13	1554	1556	1605	N06	W11	4481	05	12.8	11	SF		3	C		24		
0200		13	1742*	17507	1810	N06	W15	4481	05	12.6	28	SF C	1.9				52		F
	HOLL	13	1742	1750	1817	N05	W17	4481	05	12.5	35	SF C	1.9	3	C		77		F
	PALE	13	1756	1757	1804	N07	W13	4481	05	12.8	8	SF		3	C		27		F
0201		13	2013	20172	2022	N06	W17	4481	05	12.6	9	SF					56		F
	HOLL	13	2013	2017	2023	N06	W17	4481	05	12.6	10	SF		3	C		54		F
	PALE	13	2013	2019	2022	N05	W17	4481	05	12.6	9	SF		3	C		58		
0202	PALE	14	0024	0024	0050	N06	W16	4481	05	12.8	26	SF		3	C		32		F
		14	0259		0303	No Flare Patrol													
		14	0318		0319	No Flare Patrol													
0203	CULG	14	0553	0556	0601	N04	W23	4481	05	12.5	8	SN			C	0557	80	.8	
0204	ABST	14	0554	0554	0610	S07	W29	4485	05	12.1	16	SN			C	0554	87	1.0	DV
0205	ABST	14	0554	0555	0605	S04	W24	4480	05	12.4	11	SN			C	0555	87	.9	DV
0206	ABST	14	0626	0628	0645	S04	W24	4480	05	12.5	19	SF			C	0628	87	.9	D
0207		14	1617*	16491	1654	N04	W30	4481	05	12.4	37	SN					106		F
	HOLL	14	1617	1650	1700D	N04	W31	4481	05	12.4	43D	SN		3	C		164		F
	RAMY	14	1647	1649	1654	N04	W29	4481	05	12.5	7	SN		3	C		47		
0208		14	17591	1803*	1910	N04	W32	4481	05	12.3	71	1B C	3.4				224		EFK
	PALE	14	1759	1803	1904	N03	W32	4481	05	12.3	65	SN C	3.4	3	C		182		K
	RAMY	14	1759	1803	1927	N04	W32	4481	05	12.3	88	1N C	3.4	3	C		218		K
	PALE	14	1759	1813	1904	N03	W32	4481	05	12.3	65	1N C	1.1	3	C		265		FK
	RAMY	14	1759	1815	1927	N04	W32	4481	05	12.3	88	1B C	1.1	3	C		296		K
	HOLL	14	1800	1803	1858	N04	W31	4481	05	12.4	58	SB C	3.4	3	C		143		FEK
	HOLL	14	1800	1818	1858	N04	W31	4481	05	12.4	58	1B C	1.1	3	C		239		K
0209		14	20495	2054	2101	N06	W22	4481	05	13.2	12	SF					64		F
	HOLL	14	2049	2054	2111D	N06	W21	4481	05	13.3	22D	SF		3	C		104		
	PALE	14	2054	2054	2101	N06	W22	4481	05	13.2	7	SF		3	C		25		F
0210		14	2217E	2220	2238	N05	W31	4481	05	12.6	21D	SN C	3.6				60	.6	F
	CULG	14	2217E	2218U	2219D	N05	W32	4481	05	12.5	2D	SF			P	2218	60	.6	F
	PALE	14	2217E	2223U	2239	N04	W32	4481	05	12.5	22D	SN C	3.6	3	C		46		F
	HOLL	14	2219E	2220	2237	N05	W30	4481	05	12.7	18D	SB C	3.6	3	C		73		F
0211		14	2312	23162	2328	N08	W21	4481	05	13.4	16	SN C	2.4				126	1.5	F
	CULG	14	2312	2316	2326	N08	W21	4481	05	13.4	14	SN			C	2316	140	1.5	F
	PALE	14	2312	2318	2330	N07	W21	4481	05	13.4	18	SN C	2.4	3	C		111		F
0212	PALE	15	0102	0102	0110	N07	W22	4481	05	13.4	8	SN C	1.9	3	C		49		F
0213		15	02138	02221	0241	N07	W26	4481	05	13.1	28	1N C	4.8				302	3.6	EF1
	URUM	15	0213	0223	0238	N07	W23	4481	05	13.4	25	2B			C		550	6.3	
	PALE	15	0220	0222	0244	N08	W24	4481	05	13.3	24	1B C	4.8	3	C		258		FE
	MANI	15	0221	0223	0237D	N06	W33	4481	05	12.6	16D	1N		1	V		189	2.1	F
	CULG	15	0229E	0229U	0242	N08	W25	4481	05	13.2	13D	1F			P	0229	210	2.3	FI
0214		15	02302	02341	0242	S14	E71	4490	05	20.5	12	1F					94		
	CULG	15	0230	0235	0245	S14	E71	4490	05	20.5	15	1F			C	0235	100		
	PALE	15	0232	0234	0240	S14	E71	4490	05	20.5	8	SF		3	C		89		
0215		15	04501	04555	0523	N04	W37	4481	05	12.4	33	2N					428	5.5	EU
	ABST	15	0450	0455	0535	N04	W40	4481	05	12.2	45	1N			C	0455	348	4.7	E
	URUM	15	0450	0500	0524	N04	W35	4481	05	12.6	34	2N			C		472	6.0	E
	PEKG	15	0451	0456	0510	N03	W38	4481	05	12.4	19	2N			C	0456	652	8.5	EU
	CULG	15	0455E	0457U	0457D	N05	W36	4481	05	12.5	2D	1N			P	0457	240	2.8	
0216		15	0635	0640	0705	N04	W34	4481	05	12.7	30	SN					54	.7	D
	BUCA	15	0635	0640	0716	N04	W34	4481	05	12.7	41	SN			C	0640	54	.7	D
	KANZ	15	0647E	0647U	0654	N05	W35	4481	05	12.7	7D	SF		1					

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Opt	Xray	See	Obs Type	Time (UT)	Area Measurement		Remarks		
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)			
0217		15	0718*	0739	0746	S16	E68	4490	05	20.5	28	1N						84	3.0	D	
	WEND	15	0718	0739	0745	S16	E63	4490	05	20.1	27	1N			C	0739		125	3.0		
	BUCA	15	0737	0739	0746	S16	E72	4490	05	20.8	9	SN			C	0739		43		D	
0218	URUM	15	0955	1000	1005	N04	W37	4481	05	12.6	10	SN			C			31	.4		
0219	RAMY	15	1229	1232	1239	S14	E64	4490	05	20.3	10	SF		3	C			88			
0220	RAMY	15	1559	1603	1615	N08	W34	4481	05	13.1	16	SN		3	C			30			
0221	RAMY	15	1613	1615	1624	S13	E63	4490	05	20.4	11	SN		3	C			90			
0222		15	1619	1630	1642	N08	W36	4481	05	13.0	23	SN	C 1.1					42			
	RAMY	15	1619	1630	1630D	N08	W34	4481	05	13.1	11D	SB	C 1.1	3	C			55			
	PALE	15	1636E	1636U	1642	N08	W37	4481	05	12.9	6D	SF	C 1.1	3	C			28			
0223		15	1659I	1704	1732	N04	W43	4481	05	12.5	33	1B	C 4.9					226		EF	
	RAMY	15	1659	1704	1734	N04	W43	4481	05	12.5	35	1B	C 4.9	3	C			215		FE	
	PALE	15	1700	1704	1731	N03	W43	4481	05	12.5	31	1B	C 4.9	3	C			238		FE	
0224	PALE	15	1758	1806	1815	N04	W46	4481	05	12.3	17	SF		3	C			33			
0225	RAMY	15	1855	1922	1923	N03	W47	4481	05	12.3	28	SF		3	C			54			
		15	2004		2031	No Flare Patrol															
		15	2057		2104	No Flare Patrol															
0226		16	00354	00433	0052	N03	W48	4481	05	12.4	17	1N						177	2.8	F	
	CULG	16	0035	0043	0052	N03	W47	4481	05	12.5	17	SN			C	0043		70	1.0		
	PURP	16	0036	0046	0052	N04	W47	4481	05	12.5	16	SN			C	0046		83	1.3		
	PEKG	16	0039	0044	0050D	N03	W49	4481	05	12.4	11D	2N			P	0044		378	6.0	F	
0227		16	0108	0109I	0124	N04	W47	4481	05	12.5	16	SN	C 1.8					104	1.7	DEFJ	
	CULG	16	0108	0110	0116	N03	W47	4481	05	12.5	8	SN			C	0110		60	.9		
	YORO	16	0109E		0115D	N05	W47	4481	05	12.5	6D	SN			C	0114		90	1.3	DJ	
	PEKG	16	0109E	0109	0115D	N03	W49	4481	05	12.4	6D	1N	C 1.8		P	0109		189	3.0	E	
	PALE	16	0117E	0117U	0132	N03	W46	4481	05	12.6	15D	SF	C 1.8	3	C			78		F	
0228	PEKG	16	0129E	0129	0134	S13	W41	4485	05	13.0	5D	SF			P	0129		118	1.6	E	
0229	PEKG	16	0208	0211	0217	S13	W40	4485	05	13.1	9	SN			C	0211		67	.9	E	
0230		16	0311E	0311*	0346D	N06	W50	4481	05	12.4	35D	SN						67	1.1	DE	
	PEKG	16	0311E	0311	0321D	N06	W49	4481	05	12.5	10D	SF			P	0311		50	.8	D	
	PEKG	16	0336E	0336	0346D	N06	W51	4481	05	12.3	10D	SN			P	0336		84	1.4	E	
0231		16	0513	05153	0524	N04	W49	4481	05	12.5	11	1N						108	1.7	E	
	PEKG	16	0513	0515	0525	N04	W49	4481	05	12.5	12	1N			C	0515		181	2.8	E	
	PURP	16	0513	0518	0524	N05	W49	4481	05	12.5	11	SF			C	0518		34	.6		
0232		16	0525E	0528	0538	S14	W41	4485	05	13.1	13D	SN						52	.8	F	
	CULG	16	0525E	0528	0535D	S15	W42	4485	05	13.0	10D	SN			P	0528		50	.7	F	
	PURP	16	0529E	0536U	0538	S13	W40	4485	05	13.2	9D	SN			C	0536		55	.8		
0233	KHAR	16	0754E	0756	0801D	N05	W50	4481	05	12.6	7D	SF			P	0756				CDI	
0234		16	0904	0908	0919	N08	W53	4481	05	12.4	15	SF						109	1.9	DEI	
	PEKG	16	0904	0908	0919	N06	W53	4481	05	12.4	15	SF			C	0908		109	1.9	E	
	KHAR	16	0907E	0908	0915D	N09	W53	4481	05	12.4	8D	SF			V	0908				DI	
		16	0959		1004	No Flare Patrol															
		16	1030		1039	No Flare Patrol															
0235		16	1208	1210I	1219	N04	W52	4481	05	12.6	11	SB	C 1.7					110	1.8		
	ATHN	16	1208	1210	1219	N04	W53	4481	05	12.5	11	SN		1	V	1210		111	1.8		
	RAMY	16	1208	1211	1219	N03	W52	4481	05	12.6	11	SB	C 1.7	3	C			109			
0236		16	1328I	13292	1352D	S12	E50	4490	05	20.3	24D	1B	C 1.9					225		F	
	RAMY	16	1328	1331	1333D	S12	E51	4490	05	20.4	5D	1B	C 1.9	3	C			225		F	
	KANZ	16	1329	1329	1352D	S11	E50	4490	05	20.3	23D	1N		2						F	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	(Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	Remarks	
0237	RAMY	16	2019	2019	2031D	S14	E11	4487	05	17.7	12D	SF		3	C		34			
0238		16	23324	2337	2342	S11	E46	4490	05	20.4	10	SN					56	1.1	H	
	CULG	16	2332	2337	2342	S10	E47	4490	05	20.5	10	SN			C	2337	80	1.1	H	
	PALE	16	2336	2337	2342	S12	E46	4490	05	20.4	6	SF		3	C		32			
0239	PALE	17	0035	0035	0045	S14	E07	4487	05	17.5	10	SF		3	C		22		F	
0240	PALE	17	0122	0125	0129	N09	W57	4481	05	12.8	7	SF		3	C		24		F	
0241	CULG	17	0225	0234	0240	S12	E43	4490	05	20.3	15	SF			C	0234	80	1.1	H	
0242	PEKG	17	0226	0228	0230	N06	W59	4481	05	12.7	4	SF			C	0228	34	.6	D	
0243	ABST	17	0433	0435	0445	N01	W69	4481	05	12.0	12	1N			C	0435	175		E	
0244	BUCA	17	0822	0830	0836	N07	W63	4481	05	12.6	14	SN			C	0830	43	.9	D	
0245		17	1240	1241*	1304	N08	W62	4481	05	12.9	24	SN	C 1.2				24		K	
	RAMY	17	1240	1241	1304	N08	W62	4481	05	12.9	24	SF		3	C		21		K	
	RAMY	17	1240	1256	1304	N08	W62	4481	05	12.9	24	SN	C 1.2	3	C		28		K	
0246		17	1307	1313*	1414	N05	W60	4481	05	13.0	67	SF					30		K	
	RAMY	17	1307	1313	1414	N05	W60	4481	05	13.0	67	SF		3	C		21		K	
	RAMY	17	1307	1408	1414	N05	W60	4481	05	13.0	67	SF		3	C		39		K	
0247	RAMY	17	1442	1443	1614	N05	W60	4481	05	13.1	92	SN	C 2.0	3	C		15			
0248		17	16216	1634	1642	N04	W68	4481	05	12.6	21	SF	C 1.7				24			
	HOLL	17	1621	1629U	1645	N04	W66	4481	05	12.7	24	SF	C 1.7	3	C		22			
	RAMY	17	1627	1634	1640	N03	W69	4481	05	12.5	13	SF	C 1.7	3	C		25			
0249		17	1715	1715	1730	S13	E35	4490	05	20.3	15	SF					21			
	HOLL	17	1715	1715	1730	S14	E35	4490	05	20.4	15	SF		3	C		21			
	RAMY	17	1717E		1719D	S12	E35	4490	05	20.3	20	SF		3	C					
0250	HOLL	17	1746	1747	1757	S12	E87	4492	05	24.3	11	SF		3	C		7			
0251	HOLL	17	1802	1802	1819	S12	E88	4492	05	24.4	17	SF		3	C		8			
		17	1805		1815	No Flare Patrol														
		17	1821		1902	No Flare Patrol														
0252	HOLL	17	1909	1910	1917	S12	E87	4492	05	24.3	8	SF		3	C		7			
0253	HOLL	17	1954	2008	2023	S12	E85	4492	05	24.2	29	SF		3	C		19			
0254	HOLL	17	2008	2008	2014	S14	E36	4490	05	20.5	6	SF		3	C		22			
0255		17	22491	2250*	2309	S13	E32	4490	05	20.4	20	SN	C 1.7				40	.6	DF	
	CULG	17	2249	2252	2305	S12	E31	4490	05	20.3	16	SF			C	2252	50	.6	F	
	HOLL	17	2250	2250	2300D	S14	E32	4490	05	20.4	10D	SN	C 1.7	3	C		31			
	PALE	17	2250	2258	2313	S12	E32	4490	05	20.4	23	SF	C 1.7	3	C		22			
	PEKG	17	2302E	2302	2310	S13	E33	4490	05	20.4	8D	SN			P	2302	59	.7	D	
0256		18	0400	0402	0408	N06	W72	4481	05	12.8	8	SF					40		DE	
	PEKG	18	0400	0402	0406	N04	W75	4481	05	12.5	6	SF			C	0402	29		D	
	PEKG	18	0400	0402	0409	N09	W68	4481	05	13.1	9	SF			C	0402	50		E	
0257		18	0433*	0434*	0442	N07	W73	4481	05	12.7	9	SF					51		DE	
	PEKG	18	0433	0434	0441	N10	W76	4481	05	12.5	8	SF			C	0434	59		E	
	LEAR	18	0433	0434	0442	N07	W68	4481	05	13.1	9	SF		3	C		30			
	PEKG	18	0444	0447	0449D	N04	W76	4481	05	12.5	5D	SF			P	0447	63		D	
0258	PEKG	18	0502	0505	0510	N09	W65	4481	05	13.3	8	SF			C	0505	29		D	
0259	PEKG	18	0534	0535	0540	N06	W74	4481	05	12.7	6	SN			C	0535	25		D	

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																(10 ⁻⁶ Disk)	Corr (Sq Deg)		
0260	PEKG	18	0534E	0535	0540	S10	E79	4492	05	24.2	6D	SF		C	0535	17		D	
0261		18	06073	06102	0614	N09	W75	4481	05	12.6	7	1N				60		D	
	ABST	18	0607	0610	0612	N07	W77	4481	05	12.5	5	1N		C	0610	87		D	
	BUCA	18	0610	0612	0615	N11	W73	4481	05	12.8	5	SN		C	0612	32		D	
0262	ABST	18	0629	0635	0638	N06	W77	4481	05	12.5	9	1F		P	0635	87		D	
0263		18	07305	07355	0749	S12	E88	4492	05	24.9	19	SN				70		A	
	PEKG	18	0730	0735	0749	S11	E90	4492	05	25.1	19	SN		C	0735	84		A	
	KANZ	18	0731	0735U	0735D	S11	E80	4492	05	24.3	4D	SN	1						
	LEAR	18	0734	0740	0742	S11	E90	4492	05	25.1	8	SN	3	C		14			
	CATA	18	0735	0740	0755	S14	E90	4492	05	25.1	20	1		2	C	0740	112		
	YUNN	18	0737E	0740	0751	S12	E90	4492	05	25.1	14D			P				A	
0264	PEKG	18	0835	0840	0847	S13	E27	4490	05	20.4	12	SF		C	0840	50	.6	E	
0265	YUNN	18	0854E	0855	0905D	S12	E90	4492	05	25.1	11D			P				A	
0266	PEKG	18	0910E	0910	0914	N06	W76	4481	05	12.7	4D	SN		C	0910	34		D	
0267	PEKG	18	0910E	0910	0918	S15	W12	4487	05	17.5	8D	SN		P	0910	71	.8	E	
0268	ATHN	18	1040E	1043	1045	N08	W85	4481	05	12.1	5D	1N	2	V	1043	80			
0269	RAMY	18	1119	1157	1238	S09	E79	4492	05	24.4	79	SF	3	C		29			
0270	RAMY	18	1152	1152	1210	N06	W77	4481	05	12.7	18	SN	3	C		16			
0271	RAMY	18	1336	1338	1353	S10	E72	4492	05	24.0	17	SN	3	C		12			
0272	HOLL	18	1423	1434	1503	S12	E72	4492	05	24.0	40	SF	3	C		39			
0273	RAMY	18	1546	1549	1559	N07	W74	4481	05	13.1	13	SF	3	C		16			
0274		18	16138	1613*	1627	N10	W79	4481	05	12.7	14	SF				36			
	HOLL	18	1613	1613	1617	N11	W80	4481	05	12.6	4	SF	3	C		26			
	RAMY	18	1614E		1624	N09	W82	4481	05	12.5	10D	SF	3	C		16			
	HOLL	18	1621	1635	1641	N10	W74	4481	05	13.1	20	SF	3	C		67			
0275		18	1614*	1614*	1637	S12	E71	4492	05	24.0	23	SF				9			
	HOLL	18	1614	1614	1623	S12	E71	4492	05	24.0	9	SF	3	C		7			
	HOLL	18	1624	1624	1651	S12	E71	4492	05	24.0	27	SF	3	C		11			
0276	HOLL	18	1647E	1654	1708	N10	W72	4481	05	13.3	21D	SF	3	C		15		F	
0277	HOLL	18	1703	1707	1717	S12	E72	4492	05	24.1	14	SF	3	C		21			
0278	HOLL	18	1712	1720	1734	N11	W75	4481	05	13.1	22	SF	3	C		17		F	
0279	HOLL	18	1723	1724	1726	S12	E87	4492	05	25.3	3	SF	3	C		5			
0280	RAMY	18	1746	1749	1757	N06	W81	4481	05	12.7	11	SF	3	C		16		F	
0281	HOLL	18	1756	1757	1802	S13	E72	4492	05	24.2	6	SF	3	C		8			
0282		18	18213	1827	1833	S12	E72	4492	05	24.2	12	SF				16			
	HOLL	18	1821	1827	1833	S13	E72	4492	05	24.2	12	SF	3	C		16			
	PALE	18	1824	1827	1827D	S10	E71	4492	05	24.1	3D	SF	3	C		15			
0283	HOLL	18	1912	1913	1925	S13	E71	4492	05	24.1	13	SF	3	C		16			
0284		18	2011	20211	2044	S12	E71	4492	05	24.2	33	SN				57			
	PALE	18	2011	2022	2046	S10	E72	4492	05	24.2	35	SN	3	C		62			
	HOLL	18	2012E	2021	2041	S13	E70	4492	05	24.1	29D	SN	3	C		52			
0285		18	2042*	2042*	2102	N04	W84	4481	05	12.6	20	SF				33		K	
	HOLL	18	2042	2042	2103	N05	W84	4481	05	12.6	21	SF	3	C		12		K	
	HOLL	18	2042	2057	2103	N05	W84	4481	05	12.6	21	SN	3	C		45		K	
	PALE	18	2053	2057	2100	N02	W84	4481	05	12.6	7	SF	3	C		42			

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Opt	Xray	See	Obs Type	Time (UT)	Area Measurement			Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0286	PALE	18	2052	2057	2108	S10 E71	4492	05	24.2	16	SF			3	C		23			
0287		18	2136*	2249	2304	S11 E70	4492	05	24.2	88	SN						45			F
	HOLL	18	2136	2249	2306	S12 E69	4492	05	24.1	90	SN			3	C		46			F
	PALE	18	2231	2249	2301	S10 E70	4492	05	24.2	30	SN			3	C		44			
0288	HOLL	19	0041	0042	0049	N05 W82	4481	05	12.9	8	SN C	2.3		3	C		20			
0289		19	0609E	0615	0642	S14 E85	4494	05	25.7	33D	1F						168			
	MITK	19	0609E	0615	0619D	S16 E90	4494	05	26.1	10D	1F				P	0615	150			
	WEND	19	0629E		0642	S11 E80	4494	05	25.3	13D	SF				C	0629	185			
0290		19	0734I	0736I	0742	N06 W84	4481	05	13.0	8	SN						94			D
	WEND	19	0734	0736	0739	N08 W83	4481	05	13.1	5	SN				C	0736	155			
	BUCA	19	0735	0737	0745	N05 W85	4481	05	12.9	10	SN				C	0737	32			D
0291		19	0748	0750	0801	N06 W86	4481	05	12.9	13	1N M	1.0					90			E
	BUCA	19	0748	0750	0810	N05 W85	4481	05	13.0	22	SN M	1.0			C	0750	54			E
	ATHN	19	0749E	0750	0752	N06 W86	4481	05	12.9	3D	1N			2	V	0750	127			
0292	CATA	19	1025	1025	1055	S12 E13	4490	05	20.4	30	S			2	C	1025	112	1.2		
0293		19	1042E	1105	1126	S11 E67	4492	05	24.5	44D	SN						36	.6		F
	RAMY	19	1042E	1105	1116	S11 E66	4492	05	24.4	34D	SN			3	C		55			F
	ATHN	19	1112E	1113D	1117	S10 E65	4492	05	24.3	5D	SN			3	V	1113	32	.8		
	HTPR	19	1122E		1145	S12 E69	4492	05	24.7	23D	SB				C	1129	20	.5		
0294	HTPR	19	1213	1217	1222	S11 E58	4492	05	23.9	9	SF				C	1217	20	.4		E
0295	RAMY	19	1230	1231	1238	S13 E14	4490	05	20.6	8	SF			3	C		22			
0296	LVOV	19	1231	1232	1239	S14 E58	4492	05	23.9	8	1N				C	1239	200	3.7		D
0297	RAMY	19	1349	1352	1402	S11 E60	4492	05	24.1	13	SN			3	C		18			
0298	HOLL	19	1450	1455	1504	S12 E60	4492	05	24.1	14	SF			3	C		12			
0299	HOLL	19	1553	1600	1617	S12 E70	4492	05	24.9	24	SF			3	C		19			
0300	HOLL	19	1618	1620	1632	S12 E59	4492	05	24.1	14	SF			3	C		15			
0301	KANZ	19	1618	1618	1618	S13 E09	4490	05	20.3	14	SF			1						
0302	HOLL	19	1635	1637	1651	S12 E69	4492	05	24.9	16	SF			3	C		13			
0303	HOLL	19	1731	1732	1745	S08 E82	4494	05	25.9	14	SF C	4.0		3	C		22			
0304	HOLL	19	1910	1954	2021	S12 E84	4494	05	26.1	71	SN C	2.5		3	C		23			F
		19	1916		1929	No Flare Patrol														
0305		19	1930E	1932U	1945	S14 E10	4490	05	20.6	15D	SN C	2.9					63			F
	PALE	19	1930E	1932U	1946	S14 E10	4490	05	20.6	16D	SN C	2.9		3	C		76			
	HOLL	19	1934E	1935U	1944	S15 E09	4490	05	20.5	10D	SN C	2.9		3	C		50			F
0306	HOLL	19	2030	2038	2104	S10 E68	4492	05	25.0	34	SN C	6.3		3	C		39			
0307		19	2151I	21528	2256	S08 E65	4492	05	24.8	65	1B X	4.1					206			EF IJTZ
	HOLL	19	2151	2152	2256	S10 E67	4492	05	24.9	65	1B X	4.1		3	C		220			ZF
	VORO	19	2152		2213D	S08 E68	4492	05	25.0	21D	1N				C	2201	242			EI JT
	PALE	19	2152	2153	2153D	S07 E59	4492	05	24.3	1D	1B			3	C		209			FE
	PALE	19	2152	2200	2200D	S07 E67	4492	05	24.9	8D	1B X	4.1		3	C		155			ZF
0308		20	0040	00413	0105	S09 E74	4494	05	25.6	25	SF C	5.2					82			DIT
	LEAR	20	0017E	0041	0122	S09 E79	4494	05	25.9	65D	SF C	5.2		3	C		75			
	VORO	20	0040	0044	0048	S09 E68	4494	05	25.1	8	SF				C	0044	90			DIT
0309		20	01242	0127I	0134	S10 E65	4492	05	24.9	10	1B M	2.9					132	2.2		DIT
	PEKG	20	0124	0128	0134	S10 E65	4492	05	24.9	10	SB M	2.9			P	0128	134			D
	CULG	20	0125	0128	0134	S12 E64	4492	05	24.9	9	1N				C	0128	100	2.2		
	VORO	20	0125	0128	0134	S09 E68	4492	05	25.2	9	SN				C	0128	134			DIT
	LEAR	20	0126	0127	0130D	S10 E64	4492	05	24.9	4D	1B M	2.9		3	C		239			
	PALE	20	0126	0127	0136	S09 E64	4492	05	24.9	10	SB M	2.9		3	C		57			
	YUNN	20	0126E	0128	0135	S10 E66	4492	05	25.0	9D	1B				P		126			T

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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)		
0310		20	0250*	0252*	0318	S10	E63	4492	05	24.8	28	SB	M	4.6		98	1.6	DEFIT	
	PALE	20	0246E	0300U	0301D	S08	E57	4492	05	24.4	15D	SB				129			
	PALE	20	0246E	0303U	0307D	S08	E64	4492	05	24.9	21D	SB	M	4.6		131		F	
	VORO	20	0250	0252	0256	S09	E68	4492	05	25.2	6	SN			0252	90		DIT	
	LEAR	20	0251E	0251U	0257D	S10	E57	4492	05	24.4	6D	SB				31			
	MANI	20	0251E	0300	0315D	S10	E57	4492	05	24.4	24D	SB				87	1.5		
	YUNN	20	0251	0301	0327	S11	E66	4492	05	25.1	36	1B				189		DT	
	URUM	20	0252E	0252U	0259D	S10	E64	4492	05	24.9	7D	SN			0252	31	.7	D	
	VORO	20	0256	0300	0311	S09	E68	4492	05	25.2	15	1B			0300	179		DIT	
	CULG	20	0257	0301	0305	S10	E63	4492	05	24.8	8	SN			0301	60	1.4		
	MITK	20	0301E		0309D	S09	E65	4492	05	25.0	8D	1N			0301	110	2.6	E	
	YUNN	20	0301	0311	0351	S13	E66	4492	05	25.1	50	SN				47		DT	
0311		20	0403	0406	0419	S11	E65	4492	05	25.0	16	SB				55	1.8	DT	
	YUNN	20	0403	0406	0419	S11	E64	4492	05	25.0	16	SB				79	1.8	DT	
	LEAR	20	0408E	0408U	0419	S11	E66	4492	05	25.1	11D	SN				31			
0312		20	0430	0435	0449	S10	E64	4492	05	25.0	19	1N				70	2.2	ET	
	YUNN	20	0430	0435	0447D	S11	E64	4492	05	25.0	17D	1N				94	2.2	T	
	MITK	20	0433E		0442D	S09	E64	4492	05	25.0	9D	1N			0433	100	2.3	E	
	LEAR	20	0433E	0434U	0449	S11	E64	4492	05	25.0	16D	SN				15			
0313		20	0530*	0532*	0633	S11	E63	4492	05	25.0	63	1N				179	2.4	EFKT	
	CULG	20	0530	0543	0554	S09	E61	4492	05	24.8	24	1N			0543	150	3.0		
	LEAR	20	0531		0633	S11	E63	4492	05	25.0	62	1B				156		FK	
	LEAR	20	0531	0532	0633	S11	E63	4492	05	25.0	62	SB				82		K	
	URUM	20	0533	0543	0658	S10	E66	4492	05	25.2	85	2N				299		F	
	YUNN	20	0533E	0544	0611	S12	E65	4492	05	25.1	38D	2B				472		T	
	ABST	20	0551E	0552	0609D	S11	E65	4492	05	25.1	18D	1F			0552	157		E	
	BUCA	20	0600E	0621	0708	S10	E63	4492	05	25.0	68D	1N			0621	107	2.3	E	
	YUNN	20	0615	0619	0630	S11	E64	4492	05	25.1	15	1N				126	2.9	T	
	ATHN	20	0621E	0622	0636	S11	E61	4492	05	24.8	15D	SB			0622	64	1.3		
0314	KANZ	20	0813	0813	0821	S08	E68	4494	05	25.4	8	SF							
0315	KANZ	20	0859	0907	0911	S10	E57	4492	05	24.6	12	SF							
0316		20	0950	0954	0958	S10	E60	4492	05	24.9	8	SN						D	
	KANZ	20	0950	0954	0958	S10	E58	4492	05	24.8	8	SN				2			
	ISTA	20	0954E		0957	S10	E61	4492	05	25.0	3D	SF						D	
0317	KHAR	20	1117E	1119	1125D	S12	E61	4492	05	25.1	8D	SN			V	1119		I	
0318		20	1233I	1234	1238	S10	E58	4492	05	24.9	5	SN					29		
	RAMY	20	1233	1234	1238	S10	E59	4492	05	24.9	5	SN				3	C		
	KANZ	20	1234	1234	1238	S11	E57	4492	05	24.8	4	SN				2			
0319		20	1514	1514I	1518D	S10	E55	4492	05	24.8	4D	SB	C	7.6		63		EF	
	RAMY	20	1514	1514	1514D	S08	E54	4492	05	24.7	4D	SB	C	7.6	3	C	75		
	HOLL	20	1514	1515U	1516D	S09	E51	4492	05	24.5	2D	SB	C	7.6	3	C	56		
	RAMY	20	1514	1515	1518D	S10	E58	4492	05	25.0	4D	SB	C	7.6	3	C	66		FE
	HOLL	20	1514	1515	1518D	S12	E58	4492	05	25.0	4D	SB	C	7.6	3	C	56		FE
0320	PALE	20	1746	1804	1806	S08	E57	4492	05	25.0	20	SF	C	1.9	3	C	24		F
0321	HOLL	20	1929	1929	1937	S12	E56	4492	05	25.0	8	SN	C	4.9	3	C	59		F
0322	HOLL	20	2019	2019	2024	S11	E58	4492	05	25.2	5	SB	C	2.4	3	C	36		E
0323		20	21486	21486	2202	S08	E52	4492	05	24.8	14	SN	C	5.7		81	1.2	EFIJT	
	VORO	20	2148	2148	2202	S08	E55	4492	05	25.0	14	SN			2148	99	1.7	EIJT	
	HOLL	20	2150	2154	2204	S09	E47	4492	05	24.4	14	SB	C	5.7	3	C	93		EJF
	CULG	20	2154	2154	2200	S07	E53	4492	05	24.9	6	SF			2154	50	.8	F	
0324		20	2218*	22347	2359	S07	E53	4492	05	24.9	101	2B	X	10.1		499	10.8	EFIJKTVZ	
	HOLL	20	2218	2234U	2234D	S10	E53	4492	05	24.9	16D	2B	X	10.1	3	C	452		
	CULG	20	2225	2236	2330	S06	E53	4492	05	24.9	65	2B				2236	660	11.2	JE
	VORO	20	2231	2234	2408	S06	E56	4492	05	25.1	97	2N				2234	582	10.3	EIJTVK
	PALE	20	2231E	2241	2437	S08	E52	4492	05	24.8	126D	2B	X	10.1	3	C	754		Z
	LEAR	20	2319E		2342	S06	E53	4492	05	24.9	23D	SN	X	10.1	3	C	48		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks	
																	(10 ⁻⁶ Disk)	Corr (Sq Deg)		
0345		22	0251	0251	0318	S10	E38	4492	05	25.0	27	SB	C 5.9				154	2.5	EF	
	PALE	22	0251	0251	0318	S09	E38	4492	05	25.0	27	SB	C 5.9	3	C		148		FE	
	LEAR	22	0251	0254	0330	S11	E38	4492	05	25.0	39	SB	C 5.9	3	C		170		F	
	MITK	22	0251	0255	0308	S09	E38	4492	05	25.0	17	SN			C	0255	110		E	
	URUM	22	0254E	0254U	0314	S11	E38	4492	05	25.0	20D	1N			P	0254	189	2.5	E	
0346		22	0401*	0443	0501	S08	E50	4494	05	25.9	60	1N					155	2.9	EU	
	ABST	22	0401	0446	0501	S07	E49	4494	05	25.8	60	1N				0446	218	3.2	E	
	LEAR	22	0440	0443	0509	S09	E51	4494	05	26.0	29	SN		3	C		91		U	
	URUM	22	0444E	0444U	0454	S09	E51	4494	05	26.0	10D	1N			P	0444	157	2.6	E	
0347	LEAR	22	0440	0440	0446	S08	E37	4492	05	25.0	6	SB	C 3.1	3	C		40			
0348		22	0501	0505	0512	S08	E34	4492	05	24.7	11	SB					98	1.3	D	
	ABST	22	0501	0505	0511	S07	E36	4492	05	24.9	10	SN			C	0505	105	1.3	D	
	LEAR	22	0503	0506	0514	S09	E32	4492	05	24.6	11	SB		3	C		92			
0349		22	0527*	0529*	0650	S07	E35	4492	05	24.8	83	SN	C 2.0				152	2.0	DEFKUZ	
	LEAR	22	0527	0529	0703	S09	E31	4492	05	24.5	96	SN		3	C		20		K	
	LEAR	22	0527	0635	0703	S09	E31	4492	05	24.5	96	1B	C 2.0	3	C		192		ZUK	
	URUM	22	0540	0600	0655	S08	E37	4492	05	25.0	75	SF			C		47	.6	D	
	URUM	22	0540	0636	0655	S08	E38	4492	05	25.1	75	SN			C		110	1.4	E	
	ABST	22	0556	0611	0612D	S09	E36	4492	05	24.9	16D	SN			P	0611	105	1.3	D	
	ATHN	22	0601	0604	0619	S09	E36	4492	05	24.9	18	SN		2	V	0604	48	.6		
	MITK	22	0604	0616	0626D	S07	E35	4492	05	24.9	22D	SN			C	0616			E	
	BUCA	22	0615	0635U	0700	S06	E37	4492	05	25.0	45	SF			P	0635	64	.8		
	YUNN	22	0616E	0616U	0625	S07	E36	4492	05	24.9	9D	1B			P	0616	311	4.0		
	YUNN	22	0625	0633	0655	S05	E37	4492	05	25.0	30	1N			C		358	4.6		
	ABST	22	0629E	0633	0654	S05	E34	4492	05	24.8	25D	1N			P	0633	262	3.3	F	
	ATHN	22	0630	0631	0652	S08	E36	4492	05	25.0	22	1B		2	V	0631	191	2.4		
	CATA	22	0635E	0635	0650	S08	E37	4492	05	25.0	15D	S		2	P	0635	112	1.4		
0350	ISTA	22	0725		0750	N10	W90		05	15.5	25	2B							A	
0351		22	0800	0805	0816	S07	E35	4492	05	24.9	16	SN	C 1.9				50	.6	F	
	URUM	22	0800	0805	0815	S07	E34	4492	05	24.9	15	SN			C		31	.4		
	BUCA	22	0800	0807	0815	S06	E37	4492	05	25.1	15	SF	C 1.9		C	0807	43	.6		
	ATHN	22	0802	0806	0819	S08	E35	4492	05	24.9	17	SB		3	V	0806	32	.4		
	LEAR	22	0802	0807	0817	S08	E35	4492	05	24.9	15	SB	C 1.9	3	C		50		F	
	YUNN	22	0805	0806	0814	S08	E35	4492	05	25.0	9	SN			C		93	1.2		
0352		22	0820	0820	0832	S08	E32	4492	05	24.7	12	SB					22	.2	F	
	LEAR	22	0820	0820	0831	S08	E35	4492	05	25.0	11	SB		3	C		24		F	
	ATHN	22	0821	0821	0833	S09	E30	4492	05	24.6	12	SB		3	V	0821	19	.2		
0353		22	0928	0929	0940	S08	E34	4492	05	24.9	12	SN					32	.4	EHI	
	ATHN	22	0928	0929	0940	S09	E34	4492	05	24.9	12	SB		3	V	0929	32	.4		
	KHAR	22	0930E	0932	0940D	S08	E34	4492	05	24.9	10D	SF			V	0932			EHI	
0354	KHAR	22	1035E		1043D	S13	W68		05	17.3	8D	SN			V	1035			D	
0355		22	1110	1115	1122	S08	E33	4492	05	24.9	12	SN					72	.9	DI	
	KHAR	22	1103E	1117	1126D	S08	E32	4492	05	24.8	23D	SN			P	1116	80	1.0	I	
	URUM	22	1110	1116	1119	S08	E33	4492	05	24.9	9	SN			C		79	1.0	D	
	CATA	22	1115	1115	1125	S08	E33	4492	05	24.9	10	S		2	C	1115	56	.7		
		22	1413		1417	No Flare Patrol														
		22	1428		1444	No Flare Patrol														
0356	RAMY	22	1501E	1502U	1502D	S09	E26	4492	05	24.6	1D	2B	M 6.3	3	C		940			
0357	RAMY	22	1558	1607	1614	S07	E44	4494	05	26.0	16	SF		3	C		35			
0358		22	1719*	1739	1756	S14	E54	4494	05	26.8	37	SN					138		F	
	RAMY	22	1719	1739	1832D	S14	E53	4494	05	26.7	73D	1N		3	C		167			
	PALE	22	1731	1739	1754	S12	E55	4494	05	26.9	23	SN		3	C		95			
	HOLL	22	1739E	1742U	1757	S15	E55	4494	05	26.9	18D	SF		2	C		153		F	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks	
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0359	PALE	22	1738	1738	1754	S09	E23	4492	05	24.5	16	SF		3	C			21		
0360		22	2009E	2011*	2029	S08	E20	4492	05	24.3	20D	SF						75		K
	HOLL	22	2009E	2011	2029	S08	E20	4492	05	24.3	20D	SF		3	C			80		K
	HOLL	22	2009E	2027	2029	S08	E20	4492	05	24.3	20D	SF		3	C			70		K
0361		23	0010	00111	0024	S08	E26	4492	05	24.9	14	SN						29	.5	DFIJT
	LEAR	23	0010	0011	0035	S08	E27	4492	05	25.0	25	SN		3	C			23		F
	VORO	23	0010	0012	0018	S07	E25	4492	05	24.9	8	SF				0012		45	.5	DIJT
	HOLL	23	0011E	0011U	0020	S08	E26	4492	05	24.9	9D	SN		3	C			20		
0362	VORO	23	0218	0218	0221	S06	E25	4492	05	25.0	3	SN				0218		45	.5	DIJT
0363		23	0255	0256	0307	S06	E25	4492	05	25.0	12	SF						58	.6	DIJT
	CULG	23	0255	0256	0306	S05	E23	4492	05	24.8	11	SF				0256		40	.4	
	VORO	23	0258E		0309	S07	E25	4492	05	25.0	11D	SF				0258		72	.8	DIJT
	YUNN	23	0258E	0258U	0307	S07	E26	4492	05	25.1	9D	SN				0258		62	.7	
0364		23	0454*	0455*	0528	S08	E23	4492	05	24.9	34	SB M	1.8					181	2.5	EFJKZ
	LEAR	23	0454	0455	0531	S08	E24	4492	05	25.0	37	SN		3	C			25		K
	LEAR	23	0454	0512	0531	S08	E24	4492	05	25.0	37	1B M	1.8	3	C			239		ZFK
	YUNN	23	0503	0512	0527	S08	E24	4492	05	25.0	24	1B						324	3.9	
	ABST	23	0509	0512	0529	S09	E23	4492	05	24.9	20	SN				0512		140	1.6	E
	CULG	23	0510	0511	0524	S06	E22	4492	05	24.9	14	SB				0511		180	1.9	J
0365	LEAR	23	0802	0807	0817	S08	E35	4494	05	25.9	15	SB		3	C			50		F
0366	LEAR	23	0823	0831	0859D	S11	E14	4492	05	24.4	36D	SN		3	C			39		
0367	ATHN	23	1217E	1226	1240	S12	E12	4492	05	24.4	23D	SN		2	V	1226		127	1.3	
		23	1419		1425	No Flare Patrol														
0368	HOLL	23	1445	1445	1516	S08	E19	4492	05	25.0	31	SF		3	C			56		
0369		23	1601	1612*	1703D	S10	E09	4492	05	24.3	62D	SN C	1.7					103		EFK
	HOLL	23	1601	1612	1703D	S10	E09	4492	05	24.3	62D	SF		3	C			56		K
	HOLL	23	1601	1643	1703D	S10	E09	4492	05	24.3	62D	SB C	1.7	3	C			150		FEK
		23	1704		1716	No Flare Patrol														
0370		23	1748	1752*	1838	S12	E08	4492	05	24.3	50	SF						40		FK
	PALE	23	1748	1752	1804	S13	E09	4492	05	24.4	16	SF		3	C			41		
	HOLL	23	1752E	1754U	1855	S11	E08	4492	05	24.3	63D	SF		3	C			44		FK
	HOLL	23	1752E	1842	1855	S11	E08	4492	05	24.3	63D	SF		3	C			35		K
0371	RAMY	23	1906	1907	1943	S07	W67	4495	05	18.8	37	SF		3	C			15		
0372		23	20171	20191	2036	S10	E08	4492	05	24.4	19	SF						38		F
	PALE	23	2017	2019	2036	S09	E08	4492	05	24.4	19	SF		3	C			43		F
	RAMY	23	2018	2020	2035	S11	E09	4492	05	24.5	17	SF		3	C			33		F
0373	VORO	23	2152	2154	2156	S08	E15	4492	05	25.0	4	SF				2154		90	1.0	EIJT
0374		23	2325*	2334*	2435	S11	W00	4492	05	24.0	70	1N C	1.3					233	2.6	EFIJKTU
	HOLL	23	2325	2334	2445	S11	W01	4492	05	23.9	80	SN		3	C			121		K
	HOLL	23	2325	2348	2445	S11	W01	4492	05	23.9	80	1B C	1.3	3	C			222		FEK
	VORO	23	2328		2408D	S12	E01	4492	05	24.0	40D	1F				2354		269	2.8	EIJTK
	PALE	23	2328	2348	2432D	S11	W00	4492	05	24.0	64D	1N C	1.3	3	C			283		F
	MANI	23	2331E	2347	2404D	S11	W02	4492	05	23.8	33D	1B		1	V			235	2.2	F
	CULG	23	2345	2349	2414	S12	E01	4492	05	24.1	29	1B				2349		270	2.7	EU
0375		23	2335*	2337*	2356	S12	E26	4494	05	25.9	21	SF						30		F
	HOLL	23	2335	2337	2344	S12	E25	4494	05	25.9	9	SF		3	C			35		F
	HOLL	23	2348	2349	2407	S11	E26	4494	05	25.9	19	SF		3	C			25		
0376	CULG	24	0057	0101	0111	S09	W06	4492	05	23.6	14	SF				0101		100	1.0	H

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Opt	Xray	See	Obs Type	Time (UT)	Area Measurement		Remarks		
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)			
0377		24	01532	01578	0212	S12	W01	4492	05	24.0	19	SN						98	1.1	EF1JT	
	URUM	24	0153	0158	0217	S13	E00	4492	05	24.1	24	SB			C			110	1.2	E	
	VORO	24	0154	0157	0202	S12	W00	4492	05	24.1	8	SF			C	0157		134	1.4	E1JT	
	CULG	24	0155	0158	0209	S12	W02	4492	05	23.9	14	SN			C	0158		80	.8	F	
	PALE	24	0201E	0205	0218	S11	W01	4492	05	24.0	17D	SF		3	C			69		F	
0378	YUNN	24	0313	0315	0331	S10	W02	4492	05	24.0	18	SF			C			78	.8	D	
0379	YUNN	24	0449E	0449U	0452D	S12	W02	4492	05	24.0	3D	SN			P	0449		155	1.6		
0380	ABST	24	0526	0528	0630	S15	E19	4497B	05	25.7	64	SF			C	0528		175	1.7	EG	
0381	HTPR	24	0527	0529	0550	S14	E08	4492	05	24.8	23	SF			C	0529		50	.5	E	
0382		24	05482	05523	0608	S07	E11	4494	05	25.1	20	SN						54	.6	DE	
	HTPR	24	0548	0552	0612	S07	E11	4494	05	25.1	24	SN			C	0552		50	.5	E	
	PEKG	24	0550	0555	0603	S07	E11	4494	05	25.1	13	SN			P	0555		59	.6	D	
0383	HTPR	24	0549	0550	0604	S11	W01	4492	05	24.2	15	SF			C	0550		40	.4	E	
0384	HTPR	24	0621	0624	0636	S07	E10	4492	05	25.0	15	SF			C	0624		20	.2	E	
0385		24	06584	0659*	0718	S10	E01	4492	05	24.4	20	SN						96	1.0	EFGLV	
	ABST	24	0658	0659	0707D	S12	E01	4492	05	24.4	9D	IN			P	0659		201	2.1	FV	
	KHAR	24	0658E	0659	0726D	S10	E01	4492	05	24.4	28D	SN			V	0659				EGILV	
	HTPR	24	0700	0700	0730	S11	E01	4492	05	24.4	30	SB			C	0700		50	.5	E	
	PEKG	24	0700	0701	0707	S10	E01	4492	05	24.4	7	SN			C	0701		76	.8	E	
	KANZ	24	0702	0702U	0720D	S09	W01	4492	05	24.2	18D	SF		1							
	CATA	24	0710E	0710	0715D	S11	E01	4492	05	24.4	5D	S		2	P	0710		56	.6		
0386	KHAR	24	0828E		0838D	S10	W01	4492	05	24.3	10D	SF			V	0828				DGI	
0387		24	08313	08331	0848	S13	E19	4494	05	25.8	17	SF						30	.3	EI	
	HTPR	24	0831	0833	0845	S14	E18	4494	05	25.7	14	SF			C	0833		30	.3	E	
	KHAR	24	0832E		0838D	S13	E19	4494	05	25.8	6D	SF			V	0832				EI	
	KANZ	24	0834	0834	0850	S12	E19	4494	05	25.8	16	SN		2							E
0388	HTPR	24	0846	0855	0904	S11	W03	4492	05	24.1	18	SF			C	0855		20	.2	E	
0389		24	09391	0957*	1023	S08	E06	4492	05	24.8	44	SN						173	1.8	DEGIKL	
	HTPR	24	0939		1007D	S07	E08	4492	05	25.0	28D	SB			C	0956		150	1.5	E	
	KHAR	24	0939E		1022D	S08	E07	4492	05	24.9	43D	SB			P	0944		200	2.0	IKL	
	CATA	24	0940	1000	1025	S08	E08	4492	05	25.0	45	1		2	C	1000		281	2.9		
	ATHN	24	0956E	0957	1014	S07	E10	4492	05	25.2	18D	IN		3	V	0957		207	2.2		
	HTPR	24	1018E		1030	S07	E08	4492	05	25.0	12D	SN			C	1018		30	.3	E	
	KHAR	24	1050E	1052	1058D	S09	W01	4492	05	24.4	8D	SF			V	1052				DGI	
	KHAR	24	1057E	1059	1112D	S12	E05	4492	05	24.8	15D	SF			V	1059				DI	
0390		24	1247	1248	1322	S11	W02	4492	05	24.4	35	SN	C 1.9					65	.6	E	
	ATHN	24	1247	1248	1330	S10	W01	4492	05	24.4	43	SN		3	V	1248		64	.7		
	RAMY	24	1247	1248	1339	S11	W01	4492	05	24.4	52	SN	C 1.9	3	C			71			
	HTPR	24	1252E		1257	S12	W03	4492	05	24.3	5D	SF			C	1252		60	.6	E	
			24	1424		1425	No Flare Patrol														
0391		24	14481	1451	1510	S08	E06	4492	05	25.1	22	SB	C 2.1					80		E	
	HOLL	24	1448	1451	1516	S08	E05	4492	05	25.0	28	SB	C 2.1	3	C			85		E	
	RAMY	24	1449	1451	1503	S08	E06	4492	05	25.1	14	SN	C 2.1	3	C			74			
0392	RAMY	24	1849	1854U	1905	S11	W09	4492	05	24.1	16	SF		3	C			47		F	
0393		24	19484	1952	2002	S11	W04	4492	05	24.5	14	SB						26		E	
	HOLL	24	1948	1952	2003D	S11	W01	4492	05	24.7	15D	SB		3	C			30		E	
	RAMY	24	1952	1952	2002	S11	W06	4492	05	24.4	10	SN		3	C			23			
0394		25	04222	04252	0445	S07	W03	4492	05	24.9	23	SN	C 2.5					242	1.1	EFZ	
	CULG	25	0422	0425	0431	S06	W03	4492	05	24.9	9	SN			C	0425		110	1.1		
	PALE	25	0422	0427	0436D	S08	W03	4492	05	24.9	14D	IN	C 2.5	3	C			373		ZF	
	MITK	25	0424	0427	0459	S06	W03	4492	05	24.9	35	SN			C	0427				E	

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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)	
0395		25	0627*	0629*	0724	S06	W03	4492	05	25.0	57	SF					98	1.0	DEFI
	ABST	25	0627	0629	0704D	S07	W04	4492	05	25.0	37D	SF		P		0629	183	1.9	F
	BUCA	25	0629	0630	0651	S05	W03	4492	05	25.0	22	SF		C		0630	86	.9	E
	BUCA	25	0700	0710	0740	S06	W01	4492	05	25.2	40	SN		C		0710	54	.6	D
	KHAR	25	0708E		0730D	S06	W04	4492	05	25.0	22D	SF		P		0710	130	1.3	EI
	HTPR	25	0710E		0716D	S05	W04	4492	05	25.0	6D	SF		C		0711	20	.2	E
	CATA	25	0710	0710	0740	S06	W03	4492	05	25.1	30	S		C	2	0710	112	1.2	
0396		25	0656*	07046	0718	S18	W00		05	25.3	22	SF					64	.7	DGI
	ABST	25	0656	0704	0704D	S19	W01		05	25.2	8D	SF		P		0704	87	.9	DG
	BUCA	25	0700	0705	0720	S17	E01		05	25.4	20	SF		C		0705	43	.5	D
	KHAR	25	0708E		0720D	S18	W01		05	25.2	12D	SF		P		0710	70	.7	DI
	CATA	25	0710	0710	0715	S17	W00		05	25.3	5	S		C	2	0710	56	.6	
0397	CATA	25	0810E	0825	0825D	S17	W01	4492	05	25.3	15D	S		P	2	0825	68	.7	
0398		25	08356	0846	0928	S06	W05	4492	05	25.0	53	1N M 1.7					208	2.2	EHI
	BUCA	25	0835	0846	0914D	S07	W02	4492	05	25.2	39D	1N M 1.7		C		0846	215	2.2	E
	ATHN	25	0841	0846	0928	S07	W07	4492	05	24.8	47	SB		V	3	0846	175	1.9	
	KHAR	25	0858E		0911D	S06	W05	4492	05	25.0	13D	1N		V		0901			EHI
	YUNN	25	0921E	0922U	0924D	S06	W05	4492	05	25.0	3D	1N		P		0922	233	2.4	
0399	BUCA	25	0842	0853	0910	S07	E12	4494	05	26.3	28	SF		C		0853	43	.4	D
0400	RAMY	25	1042E		1108	S07	E05	4494	05	25.8	26D	SF		C	3		122		F
0401	RAMY	25	1215	1218	1230	S07	E04	4494	05	25.8	15	SF		C	3		38		F
0402		25	1453	1500	1546D	S11	W21	4492	05	24.0	53D	1B C 3.2					158	1.1	E
	HTPR	25	1453		1528D	S10	W22	4492	05	24.0	35D	SB		C		1503	100	1.1	E
	HOLL	25	1453	1500	1546D	S12	W20	4492	05	24.1	53D	1N C 3.2	3	C			215		
		25	1547		1626	No Flare Patrol													
0403		25	1638*	1710	1820	S10	W14	4492	05	24.6	102	1N C 1.9					210		F
	HOLL	25	1638	1710	1820	S10	W17	4492	05	24.4	102	1N C 1.9	3	C			214		F
	PALE	25	1652	1710	1755D	S11	W11	4492	05	24.9	63D	1N C 1.9	3	C			206		F
0404	HOLL	25	1816	1820	1844	S07	E02	4494	05	25.9	28	SF C 1.0	3	C			92		F
0405	HOLL	25	1958	2000	2036	S07	E00	4494	05	25.8	38	1N C 2.2	3	C			301		F
		25	2102		2110	No Flare Patrol													
		25	2119		2123	No Flare Patrol													
0406		25	2125E	2134	2159	S11	W21	4492	05	24.3	34D	1N C 5.4					182	.9	EF
	HOLL	25	2125E	2134	2215	S11	W24	4492	05	24.1	50D	1B C 5.4	3	C			246		FE
	PALE	25	2133E	2135U	2138D	S08	W16	4492	05	24.7	5D	1F	3	C			221		
	CULG	25	2134E	2134U	2143	S14	W24	4492	05	24.1	9D	SN		P		2134	80	.9	
0407		26	00055	0007*	0031	S06	W14	4492	05	24.9	26	SN					55	.6	DFHIJK
	CULG	26	0005	0008	0012	S07	W14	4492	05	24.9	7	SN		C		0008	40	.4	F
	HOLL	26	0005	0009	0101	S06	W14	4492	05	24.9	56	SN		C	3		75		FHK
	HOLL	26	0005	0032	0101	S06	W14	4492	05	24.9	56	SN		C	3		41		K
	VORO	26	0006	0007	0011	S06	W13	4492	05	25.0	5	SF		C		0007	90	.9	DIJ
	LEAR	26	0010	0010	0013	S07	W14	4492	05	24.9	3	SN		C	3		31		
0408	LEAR	26	0030	0030	0038	S12	W22	4492	05	24.4	8	SF		C	3		28		
0409	LEAR	26	0147E	0151	0159	S13	W22	4492	05	24.4	12D	SN		C	3		30		
0410	LEAR	26	0208	0215	0223	S10	W01	4494	05	26.0	15	SF		C	3		29		
0411	LEAR	26	0232	0232	0238	S19	E80	4503A	06	1.2	6	SF		C	3		11		
0412	LEAR	26	0243	0243	0252	S08	W19	4492	05	24.7	9	SB C 1.2	3	C			53		
0413		26	0356	03574	0415	S10	W04	4494	05	25.9	19	SN C 1.0					149	1.9	EF
	LEAR	26	0356	0357	0416	S11	W02	4494	05	26.0	20	SN C 1.0	3	C			74		
	CULG	26	0356	0401	0408	S11	W05	4494	05	25.8	12	SN		C		0401	110	1.1	F
	ABST	26	0358E	0401	0421	S09	W04	4494	05	25.9	23D	1N		P		0401	262	2.7	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	Area Measurement			Remarks
																Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0414		26	0528*	0532*	0616	S08	W18	4492	05	24.9	48	SN	C	6.4			124	1.5	DEF
	ABST	26	0528	0532	0536D	S08	W16	4492	05	25.0	8D	SF			P	0532	87	.9	D
	LEAR	26	0535	0535	0559	S09	W16	4492	05	25.0	24	SN			3	C	22		
	URUM	26	0604	0609	0624	S08	W16	4492	05	25.0	20	SN				C	94	1.0	F
	CULG	26	0605	0606	0614	S09	W16	4492	05	25.0	9	SB				C	0606	140	1.5
	LEAR	26	0606E		0621D	S08	W21	4492	05	24.7	15D	SB	C	6.4	2	C	136		
	ATHN	26	0608E	0610D	0617	S10	W26	4492	05	24.3	9D	SB			2	V	0610	159	1.8
	YUNN	26	0609E	0609U	0627	S08	W16	4492	05	25.0	18D	1B				P	0609	233	2.5
0415		26	07272	07291	0749	S09	W26	4492	05	24.3	22	SN	C	1.0			84	.9	DEF
	LEAR	26	0727	0729	0751	S10	W29	4492	05	24.1	24	SB	C	1.0	3	C	93		F
	KHAR	26	0728E		0947D	S08	W29	4492	05	24.1	139D	SN				V	0729		Ei
	ATHN	26	0728E	0730D	0740	S09	W28	4492	05	24.2	12D	SN			2	V	0730	80	.9
	YUNN	26	0729	0730	0756	S09	W30	4492	05	24.1	27	SN				C	78	.9	E
	KHAR	26	0745E		0748D	S08	W17	4492	05	25.0	3D	SF				V	0745		DI
0416		26	08443	08454	0854	S15	E84	4500	06	1.7	10	1N					117		ACJ
	URUM	26	0844	0846	0851	S15	E90	4500	06	2.2	7	1N				C	79		CJ
	KANZ	26	0845	0845	0857	S14	E72	4500	05	31.8	12	SN			2				
	YUNN	26	0847	0849	0850D	S16	E90	4500	06	2.2	3D	1B				P	155		A
0417	RAMY	26	1124	1126	1151	S12	E84	4500	06	1.8	27	SF			3	C	25		
0418	RAMY	26	1137	1138	1202	S11	W30	4492	05	24.2	25	SN	C	1.0	3	C	29		F
0419		26	1214*	1214*	1249	S12	W32	4492	05	24.1	35	SN	C	2.5			110		FK
	RAMY	26	1214	1214	1252	S12	W32	4492	05	24.1	38	SF			3	C	21		K
	RAMY	26	1214	1229	1252	S12	W32	4492	05	24.1	38	SN	C	2.5	3	C	150		FK
	HOLL	26	1226	1231	1242	S11	W31	4492	05	24.2	16	SN	C	2.5	2	C	160		F
0420		26	1315	1320	1404	S14	W30	4492	05	24.3	49	1B	C	5.0			202	2.4	EF
	RAMY	26	1315	1320	1431	S14	W31	4492	05	24.2	76	1B	C	5.0	3	C	198		FE
	ATHN	26	1316E	1318D	1338	S14	W30	4492	05	24.3	22D	1B			2	V	1318	207	2.4
0421	PALE	26	1707	1707	1721	S14	E77	4500	06	1.5	14	SF			3	C	77		
0422	HOLL	26	1720	1721	1736	S11	W10	4494	05	26.0	16	SF			3	C	30		
0423		26	18131	18141	1823	S10	W26	4492	05	24.8	10	SN					34		F
	PALE	26	1813	1814	1824	S10	W25	4492	05	24.9	11	SN			3	C	37		F
	HOLL	26	1814	1815	1822	S11	W28	4492	05	24.6	8	SN			3	C	32		F
0424		26	18363	1852*	1958	S13	W12	4494	05	25.9	82	SF					136		FK
	HOLL	26	1836	1852	2022	S14	W12	4494	05	25.9	106	SN			3	C	152		FK
	HOLL	26	1836	1958	2022	S14	W12	4494	05	25.9	106	SF			3	C	79		K
	PALE	26	1839	1859	1910	S10	W12	4494	05	25.9	31	SF			3	C	177		F
0425		26	19061	19092	1927	S09	W22	4492	05	25.1	21	SN	C	2.0			82		F
	HOLL	26	1906	1911	1929	S08	W23	4492	05	25.1	23	SN	C	2.0	3	C	103		F
	PALE	26	1907	1909	1925	S10	W22	4492	05	25.1	18	SN	C	2.0	3	C	62		
0426		26	2110	21121	2118	S11	E78	4500	06	1.7	8	SN					22		
	HOLL	26	2110	2112	2117	S12	E77	4500	06	1.7	7	SN			3	C	24		
	PALE	26	2110	2113	2118	S10	E78	4500	06	1.7	8	SF			3	C	20		
0427	HOLL	26	2339	2339	2351	S11	W35	4492	05	24.3	12	SN			3	C	28		F
0428	HOLL	26	2342	2344	2356	S06	W16	4494	05	25.8	14	SF			3	C	24		F
0429	HOLL	27	1429	1431	1437	S09	W38	4492	05	24.7	8	SF			3	C	21		F
0430	HOLL	27	1553	1553	1603	S11	W44	4492	05	24.3	10	SN			3	C	22		
0431	HOLL	27	1641	1643	1654	S14	E63	4500	06	1.4	13	SF			3	C	26		
0432	HOLL	27	1925	1926	1930	S12	W48	4492	05	24.2	5	SF			3	C	20		
0433	HOLL	27	1946	1946	2001	S09	W41	4492	05	24.7	15	SF			3	C	18		

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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)	
0434	HOLL	27	2225	2238	2243	S10	W52	4492	05	24.0	18	SF		3	C		18		F
0435		28	0000	00073	0036	S17	E04	4499	05	28.3	36	SF					109	1.4	EFJ
	CULG	28	0000	0007	0032	S18	E04	4499	05	28.3	32	SF			C	0007	100	1.0	FJ
	HOLL	28	0007E	0007	0040	S17	E05	4499	05	28.4	330	SF		3	C		68		F
	PEKG	28	0010E	0010	0035	S17	E04	4499	05	28.3	250	SN			C	0010	160	1.7	E
0436		28	0454	0500	0515	S11	W49	4492	05	24.5	21	SN					91	1.8	EF
	LEAR	28	0454	0500	05020	S12	W48	4492	05	24.6	80	SF		3	C		49		F
	PEKG	28	0500E	0500	0515	S11	W49	4492	05	24.5	150	1N			C	0500	177	2.8	E
	URUM	28	0505E	0505U	0515	S11	W49	4492	05	24.5	100	SN			P	0505	47	.7	
0437	HOLL	28	1714	1716	1731	S07	W39	4494	05	25.8	17	SN		3	C		93		F
0438		28	1922	1930*	1954	S11	W59	4492	05	24.4	32	SF					55		FK
	HOLL	28	1922	1930	1954	S11	W59	4492	05	24.4	32	SF		3	C		64		FK
	HOLL	28	1922	1946	1954	S11	W59	4492	05	24.4	32	SF		3	C		46		K
0439	HOLL	28	2059	2103	2109	N21	E58	4500A	06	2.3	10	SF		3	C		15		
0440	HOLL	28	2224	2229	2235	S14	E44	4500	06	1.2	11	SN		3	C		57		
0441		29	00123	00147	0022	S10	E48	4500	06	1.6	10	SN					44	.6	DK
	PEKG	29	0012	0015	0025	S11	E47	4500	06	1.5	13	SN			C	0015	59	.9	D
	MANI	29	0012	0016	0022	S10	E49	4500	06	1.7	10	SN		1	V		40	.6	
	CULG	29	0013	0014	0016	S08	E47	4500	06	1.5	3	SN			C	0014	20	.3	
	PALE	29	0015	0015	0024	S10	E48	4500	06	1.6	9	SN		3	C		49		K
	PALE	29	0015	0021	0024	S10	E48	4500	06	1.6	9	SN		3	C		55		K
0442		29	00313	00344	0101	S13	W59	4492	05	24.6	30	SN C 1.1					80	1.3	EF
	PEKG	29	0031	0035	0050	S14	W59	4492	05	24.6	19	SN C 1.1			C	0035	63	1.3	E
	PALE	29	0033	0034	0057	S12	W58	4492	05	24.6	24	SF C 1.1		3	C		71		F
	LEAR	29	0034	0038	0115	S13	W60	4492	05	24.5	41	SN C 1.1		3	C		107		F
0443		29	01217	01254	0130	S08	W60	4492	05	24.5	9	SF					24		
	LEAR	29	0121	0125	0128	S08	W60	4492	05	24.5	7	SF		3	C		27		
	LEAR	29	0128	0129	0131	S08	W60	4492	05	24.6	3	SF		3	C		21		
0444		29	01403	01453	0159	S07	W46	4494	05	25.6	19	SN					60	.9	E
	PEKG	29	0140	0145	0200	S08	W45	4494	05	25.7	20	SN			C	0145	63	.9	E
	YUNN	29	0142	0146	0150	S05	W47	4494	05	25.5	8	SN			C		62	.9	
	LEAR	29	0143	0148	0208	S07	W45	4494	05	25.7	25	SF		3	C		54		
0445		29	01491	0151	0156	S10	E46	4500	06	1.5	7	SF					33		
	PALE	29	0149	0151	0158	S09	E46	4500	06	1.5	9	SF		3	C		38		
	LEAR	29	0150	0151	0155	S10	E47	4500	06	1.6	5	SF		3	C		28		
0446		29	03154	0320	0324	S12	E51	4500	06	2.0	9	SN					30	.6	D
	PEKG	29	0315	0320	0325	S11	E50	4500	06	1.9	10	SN			C	0320	38	.6	D
	LEAR	29	0319	0320	0323	S12	E52	4500	06	2.0	4	SF		3	C		23		
0447	LEAR	29	0356	0407	0445	S06	W47	4494	05	25.6	49	SF		3	C		30		
0448	LEAR	29	0407	0408	0436	S11	E50	4500	06	1.9	29	SF		3	C		36		
0449	LEAR	29	0433	0433	0436	S10	W62	4492	05	24.5	3	SF		3	C		15		
0450	PEKG	29	0450	0454	0518	S12	E49	4500	06	1.9	28	SN			C	0454	25	.5	D
0451	HTPR	29	0740	0743	0805	S07	W53	4494	05	25.3	25	SN			C	0743	10	.2	
0452	PEKG	29	0845	0858	0912	S10	E03	4503	05	29.6	27	SF			P	0858	34	.4	E
0453		29	0909	0858*	0916D	S07	W52	4494	05	25.5	70	SN					22	.4	DE
	PEKG	29	0858E	0858	0858D	S07	W51	4494	05	25.5	70	SF			P	0858	13	.2	D
	HTPR	29	0909	0911	0916D	S07	W54	4494	05	25.3	70	SB			C	0911	30	.5	E
0454	PEKG	29	0945	0948	0953	S07	E01	4503	05	29.5	8	SN			C	0948	17	.2	D

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks	
																Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0455	RAMY	29	1201	1226	1249	S10	E43	4500	06	1.7	48	SF		3	C		44			
0456	RAMY	29	1238	1241	1248	N23	E49	4500A	06	2.3	10	SF		3	C		45			
0457	HOLL	29	1444	1445	1453	S14	E36	4500	06	1.3	9	SF		3	C		42			
0458	29	1637	1639	1655	S16	W40	4498A	05	26.6	18	SF					56		F		
	RAMY	29	1637	1639	1656	S17	W40	4498A	05	26.6	19	SF		3	C		57		F	
	HOLL	29	1642E	1642U	1654	S15	W40	4498A	05	26.7	12D	SF		3	C		55			
0459	HOLL	29	1644	1712	1725	S25	E74	4506	06	4.4	41	SF		3	C		24			
0460	29	17421	17446	1824	S17	W20	4499	05	28.2	42	1N	C	1.2				204		FU	
	RAMY	29	1742	1744	1821	S18	W18	4499	05	28.4	39	1N	C	1.2	3	C		262		F
	HOLL	29	1743	1750	1828	S16	W21	4499	05	28.1	45	SN	C	1.2	3	C		147		UF
0461	29	18474	18558	1942	S24	E76	4506	06	4.6	55	SF	C	1.8				48		FU	
	HOLL	29	1847	1855	2001	S25	E75	4506	06	4.6	74	SF	C	1.8	3	C		51		U
	RAMY	29	1851	1903	1923	S24	E78	4506	06	4.8	32	SF	C	1.8	3	C		44		F
0462	30	0242	02471	0256	S18	W26		05	28.1	14	SN						92	1.7	E	
	PALE	30	0242	0247	0251	S17	W25		05	28.2	9	SF		3	C		41			
	PEKG	30	0248E	0248	0300	S18	W27		05	28.1	12D	SN			C	0248	143	1.7	E	
0463	HTPR	30	0843	0845	0852	S11	E25	4500	06	1.2	9	SF			C	0845	10	.1		
0464	30	08582	08595	0918	S17	W30		05	28.1	20	SN						59	.7	E	
	HTPR	30	0858	0859	0917	S17	W30		05	28.1	19	SN			C	0859	30	.3	E	
	CATA	30	0900	0900	0920	S18	W29		05	28.2	20	S		2	C	0900	84	1.0		
	YUNN	30	0900E	0904	0904D	S16	W30		05	28.1	4D	SF			P		62	.8		
0465	30	0956	10151	1035	N22	E36	4500A	06	2.2	39	SN						26	.3	E	
	HTPR	30	0956	1016	1037	N23	E37	4500A	06	2.3	41	SF			C	1016	20	.2	E	
	ATHN	30	1010E	1015	1033	N21	E35	4500A	06	2.1	23D	SN		3	V	1015	32	.4		
0466	HTPR	30	1223	1227	1230	S13	W88	4492	05	23.9	7	SF			C	1227	30		A	
0467	HTPR	30	1416	1422	1430	S06	W67	4494	05	25.6	14	SF			C	1422	20	.5	E	
0468	PALE	30	1656	1657	1706	S08	W67	4494	05	25.7	10	SF		3	C		45			
0469	30	1726	1727	1748	S13	E18	4500	06	1.1	22	1B	C	2.2				272		EF	
	HOLL	30	1726	1727	1747	S13	E17	4500	06	1.0	21	1B	C	2.2	3	C		282		F
	PALE	30	1726	1727	1750	S13	E18	4500	06	1.1	24	1B	C	2.2	3	C		261		FE
0470	HOLL	30	1839	1842	1900	S11	E26	4500	06	1.7	21	SF		3	C		34			
0471	HOLL	30	1921	1924	1930	S06	W69	4494	05	25.6	9	SF		3	C		13			
0472	HOLL	30	1934	1944	1950	N21	E33	4500A	06	2.3	16	SF		3	C		21			
0473	PALE	30	1952	1953	1957	S08	W68	4494	05	25.7	5	SF		3	C		28			
0474	30	19551	1957	2018	S13	E16	4500	06	1.0	23	SN	C	1.3				144		F	
	HOLL	30	1955	1957	2021	S13	E16	4500	06	1.0	26	SN	C	1.3	3	C		196		
	PALE	30	1956	1957	2014	S13	E17	4500	06	1.1	18	SN	C	1.3	3	C		91		F
0475	HOLL	30	2121	2122	2126	S05	W69	4494	05	25.7	5	SF		3	C		15			
0476	HOLL	30	2140	2146	2150	S05	W72	4494	05	25.5	10	SF		3	C		15			
0477	HOLL	30	2202	2203	2212	S06	W70	4494	05	25.7	10	SF		3	C		19			
		30	2252		2253	No Flare Patrol														
0478	PEKG	30	2310	2315	2322	S13	E15	4500	06	1.1	12	SN			C	2315	63	.7	E	
0479	PALE	31	0033	0040	0050	S06	W74	4494	05	25.5	17	SF		3	C		37			

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/	CMP	Dur	Imp	Obs	Time	Area Measurement		Remarks			
								USAF						Region	Mo		Day	(Min)	Opt
0480	PALE	31	0141	0143	0148	S15	W69	4494	05	25.8	7	SF	3	C		29			
0481		31	0437*	0442*	0501	S14	E16	4500	06	1.4	24	SN				64	.7	DEFJV	
	PEKG	31	0437	0442	0457	S15	E20	4500	06	1.7	20	SN		C	0442	67	.8	E	
	CULG	31	0440	0444	0450	S15	E20	4500	06	1.7	10	SF		C	0444	40	.4		
	LEAR	31	0440	0457	0508	S16	E19	4500	06	1.6	28	SN	3	C		44		F	
	ABST	31	0455	0456	0459	S12	E12	4500	06	1.1	4	SF		C	0456	87	.9	DV	
	CULG	31	0456	0456	0501	S12	E11	4500	06	1.0	5	SF		C	0456	20	.2	J	
	PEKG	31	0457	0500	0510	S11	E11	4500	06	1.0	13	SN		C	0500	126	1.4	E	
0482		31	05223	05256	0548	S10	W24	4503	05	29.4	26	SN				84	1.0	DE	
	ABST	31	0522	0525	0551D	S10	W24	4503	05	29.4	29D	SF		P	0525	87	1.0	D	
	PEKG	31	0525	0531	0548	S09	W23	4503	05	29.5	23	SN		C	0531	80	.9	E	
0483		31	0545*	05506	0602	S11	E16	4500	06	1.4	17	SN				64	.8	DEF	
	ABST	31	0545	0550	0551D	S15	E11	4500	06	1.1	6D	SF		P	0550	114	1.2	D	
	PEKG	31	0548E	0553	0553D	S13	E11	4500	06	1.1	5D	SN		P	0553	105	1.1	E	
	PEKG	31	0552E	0552	0602	S09	E18	4500	06	1.6	10D	SN		P	0552	50	.5	D	
	CULG	31	0552	0554	0603	S09	E20	4500	06	1.7	11	SF		C	0554	60	.6	F	
	LEAR	31	0553	0553	0555	S11	E20	4500	06	1.7	2	SN	3	C		31		F	
	LEAR	31	0556	0556	0606	S11	E19	4500	06	1.7	10	SF	3	C		22		F	
0484		31	0626	06276	0646	S16	E10	4500	06	1.0	20	SN				102	.9	EFU	
	LEAR	31	0626	0627	0645	S17	E09	4500	05	31.9	19	SN	3	C		115		UF	
	PEKG	31	0633E	0633	0648	S15	E10	4500	06	1.0	15D	SN		P	0633	88	.9	E	
0485	PEKG	31	0817	0822	0832	S12	E09	4500	06	1.0	15	SN		C	0822	97	1.0	E	
0486		31	08368	0844*	0909	N22	E24	4500A	06	2.2	33	SB	C 2.0			106	1.5	EFG	
	LEAR	31	0836	0844	0901D	N21	E25	4500A	06	2.3	25D	SN	C 2.0	3	C	70		F	
	PEKG	31	0844	0850	0907D	N23	E24	4500A	06	2.2	23D	SB	C 2.0		C	168	2.0	E	
	KANZ	31	0849E	0849U	0909	N23	E23	4500A	06	2.1	20D	SB		1				GE	
	URUM	31	0900E	0902	0907D	N23	E25	4500A	06	2.3	7D	SN		P		79	1.0	FG	
0487		31	0921	0926	0956D	S11	E10	4500	06	1.1	35D	1B				300	3.2	E	
	KANZ	31	0921	0926	0933D	S10	E09	4500	06	1.1	12D	SB		1					
	KHAR	31	0928E		0956D	S12	E10	4500	06	1.1	28D	1N		P	0929	300	3.2	E	
0488		31	0929E	0930*	1000D	S08	W90	4492	05	24.6	31D	SN						HK	
	KHAR	31	0929E	0930	0938D	S13	W90	4492	05	24.6	9D	SF		V	0930				
	KHAR	31	0929E	0940	1000D	S04	W90	4492	05	24.7	31D	SN		V	0940			HK	
0489		31	1006E	1007*	1055D	S14	E13	4500	06	1.4	49D	SN				48	.5	H	
	ATHN	31	1006E	1007	1018D	S11	E17	4500	06	1.7	12D	N		1	V	1007	48	.5	
	KHAR	31	1040E	1046	1055D	S16	E09	4500	06	1.1	15D	SF		V	1046			H	
		31	1019		1028	No Flare Patrol													
		31	1101		1218	No Flare Patrol													
0490		31	13421	13442	1356	S10	E08	4500	06	1.2	14	SF				43		F	
	RAMY	31	1342	1344	1359	S10	E09	4500	06	1.2	17	SF	3	C		46			
	HOLL	31	1343	1346	1352	S11	E07	4500	06	1.1	9	SF	3	C		40		F	
0491	HOLL	31	2214	2220	2239	N21	E14	4500A	06	2.0	25	SF	3	C		32			
0492	HOLL	31	2229	2232	2240	S10	E10	4500	06	1.7	11	SF	3	C		35			