

H - ALPHA SOLAR FLARES

151
Nov 82

NOVEMBER 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
																	(10-6 Disk)	Apparent (Sq Deg)	
0001	CULG	01	0014	0018	0023	N21	E74	3970	11	6.7	9	SF			C	0018	60		
0002		01	00462	00472	0052	N08	W67	3960	10	27.1	6	SN					33	1.3	
	CULG	01	0046	0047	0051	N07	W67	3960	10	27.1	5	SN			C	0047	50	1.3	
	LEAR	01	0048	0049	0053	N08	W67	3960	10	27.1	5	SF	3		C		16		
0003		01	01232	01261	0132	N04	W24	3966	10	30.4	9	SN					70	.8	
	CULG	01	0123	0127	0132	N03	W26	3966	10	30.2	9	SN			C	0127	90	1.0	
	MANI	01	0125	0126	0135D	N05	W23	3966	10	30.4	10D	SF	1		V		50	.6	
0004		01	04327	04346	0449	N04	W29	3966	10	30.1	17	SN					54	.5	DF
	PEKG	01	0432	0434	0449	N05	W27	3966	10	30.3	17	SF			C	0434	42	.5	D
	LEAR	01	0432	0440	0459	N04	W26	3966	10	30.3	27	SN	3		C		81		F
	CULG	01	0438	0440	0444	N04	W31	3966	10	30.0	6	SN			C	0440	50	.6	
	PEKG	01	0439	0440	0443	N05	W32	3966	10	29.9	4	SN			C	0440	42	.5	D
0005	CULG	01	0602	0602	0607	N03	W28	3966	10	30.2	5	SN			C	0602	90	1.0	
0006	KAND	01	0715E	0720	0731	N03	W28	3966	10	30.3	16D	SF			C				
0007	KAND	01	0715E	0722	0737	S02	W60	3961	10	27.9	22D	SN			C				E
0008		01	1154*	1158*	1306	N06	W30	3966	10	30.3	72	SN	C 1.5				92		L
	RAMY	01	1154	1158	1303	N06	W27	3966	10	30.6	69	SN	C 1.5	3	C		92		
	KANZ	01	1242	1242	1309	N05	W32	3966	10	30.2	27	SF		2					L
0009		01	12292	12361	1243	N22	E74	3970	11	7.2	14	SN					64		
	RAMY	01	1229	1236	1243	N22	E73	3970	11	7.1	14	SF		3	C				
	ATHN	01	1231	1237	1243	N21	E76	3970	11	7.3	12	SN		3	V	1237	64		
0010	KANZ	01	1257	1309	1321	N24	W75	3970	10	26.8	24	SN		2					
0011	RAMY	01	1621	1626	1632	S09	W64	3961	10	28.0	11	SN		3	C		18		
0012	RAMY	01	1624	1627	1637	N23	E70	3970	11	7.1	13	SF		3	C		53		
0013		01	1831*	1850	1909	S09	W66	3961	10	27.9	38	SB	C 2.4				106		EF
	HOLL	01	1831	1850	1910	S08	W66	3961	10	27.9	39	SN	C 2.4	3	C		128		F
	RAMY	01	1844	1850	1908	S10	W65	3961	10	28.0	24	SB		3	C		84		FE
0014	HOLL	01	1918	1939	1953	S08	W67	3961	10	27.9	35	SF		3	C		25		
0015	RAMY	01	1925	1925	1939	N05	W33	3966	10	30.4	14	SF		3	C		20		F
0016		01	20061	20101	2050	N05	W33	3966	10	30.5	44	SB	C 3.5				168		EF
	HOLL	01	2006	2011	2050	N06	W33	3966	10	30.5	44	1B	C 3.5	3	C		211		FE
	RAMY	01	2007	2010	2010D	N04	W33	3966	10	30.5	3D	SB		3	C		156		FE
	PALE	01	2013E	2015U	2029D	N05	W32	3966	10	30.5	16D	SN		3	C		137		F
0017	HOLL	01	2006	2012	2029	S08	W69	3961	10	27.8	23	SN		3	C		25		F
0018	HOLL	01	2035	2052	2102	S06	W59	3961	10	28.5	27	SN		3	C		31		
0019	HOLL	01	2056	2058	2114	N19	E63	3970	11	6.7	18	SN		3	C		34		
0020		01	2215*	2234*	2310	S25	E40	3971	11	5.0	55	1F					148	3.0	
	CULG	01	2215	2234	2310	S23	E40	3971	11	5.0	55	1F			C	2234	200	3.0	
	HOLL	01	2242	2258	2310	S27	E39	3971	11	5.0	28	SF		3	C		95		
0021	CULG	01	2253	2254	2258	N25	E69	3973	11	7.3	5	SN			C	2254	40	1.2	
0022	HOLL	01	2259	2300	2306	S07	W69	3961	10	27.9	7	SF		3	C		15		F
0023	HOLL	01	2306	2308	2317	N06	W41	3966	10	30.0	11	SF		3	C		32		F
0024		01	23441	23461	2357	N06	W42	3966	10	29.9	13	SN					36	.4	F
	LEAR	01	2344	2347	2358	N06	W41	3966	10	30.0	14	SN		3	C		41		F
	MANI	01	2345	2346	2356	N06	W42	3966	10	29.9	11	SN		1	V		30	.4	F

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0025		01	2352*	2355	2405	S09	W69	3961	10	27.9	13	SN					22	.5	EF
	LEAR	01	2352	2357	2402	S09	W69	3961	10	27.9	10	SB		3	C		20		FE
	HOLL	01	2353	2355	2403D	S09	W69	3961	10	27.9	10D	SN		1	C		32		
	MANI	01	2353E	2356	2403	S08	W68	3961	10	28.0	10D	SN		1	V		25	.5	FE
	LEAR	02	0004	0004	0009	S09	W70	3961	10	27.8	5	SF		3	C		11		F
0026		02	00111	00132	0030	N05	W42	3966	10	30.0	19	SB	C 3.7				110	1.4	CDEFJ
	PEKG	02	0011	0013	0026	N07	W42	3966	10	30.0	15	SN			C	0013	50	.7	D
	CULG	02	0011	0015	0024	N04	W42	3966	10	30.0	13	1B			C	0015	170	2.4	
	VORO	02	0012	0014	0028	N06	W42	3966	10	30.0	16	SN			C	0014	90	1.2	CDJ
	LEAR	02	0012	0014	0041	N05	W41	3966	10	30.0	29	SB	C 3.7	3	C		132		FE
	MANI	02	0013E	0014	0025D	N05	W42	3966	10	30.0	12D	SB		1	V		110	1.5	FE
0027	CULG	02	0131	0134	0137	N24	E66	3973	11	7.2	6	SN			C	0134	30	.8	
0028		02	01582	0203*	0232	N05	W42	3966	10	30.0	34	SN	C 3.2				83	1.0	CDEFJ
	CULG	02	0158	0203	0207	N04	W43	3966	10	30.0	9	1N			C	0203	150	2.1	
	VORO	02	0158	0203	0218	N06	W42	3966	10	30.0	20	SN			C	0203	99	1.3	CDJ
	LEAR	02	0159	0203	0240	N05	W41	3966	10	30.1	41	SB	C 3.2	3	C		136		FE
	PURP	02	0200	0203	0310	N04	W41	3966	10	30.1	70	SB			C	0203	40	.5	
	PEKG	02	0212E	0212	0219	N06	W43	3966	10	30.0	7D	SF			P	0212	29	.4	D
	PEKG	02	0224E	0229	0239	N06	W43	3966	10	30.0	15D	SF			P	0229	42	.6	D
0029	CULG	02	0218	0219	0226	S20	W52	3961A	10	29.2	8	SN			C	0219	30	.6	
0030	PEKG	02	0229E	0229	0229D	S08	W73	3961	10	27.7	8D	SF			P	0229	21		
0031	VORO	02	0244	0245	0246	S09	W60	3961	10	28.7	2	SF			C	0245	54	1.2	CDJ
0032	LEAR	02	0438	0441	0453	N05	W43	3966	10	30.1	15	SF		3	C		21		F
0033		02	05211	0524	0543	N04	W44	3966	10	30.0	22	SN	C 2.2				67	1.2	F
	CULG	02	0521	0524	0531	N04	W45	3966	10	29.9	10	SN			C	0524	80	1.2	
	LEAR	02	0522	0524	0555	N05	W44	3966	10	30.0	33	SN	C 2.2	3	C		54		F
0034		02	06341	06391	0647	S06	W77	3961	10	27.6	13	1B					116		E
	CULG	02	0634	0639	0647	S09	W74	3961	10	27.8	13	1B			C	0639	100		E
	ABST	02	0635	0640	0647	S04	W80	3961	10	27.4	12	1N			C	0640	131		
0035	ABST	02	0714	0718	0736	N11	E74	3972	11	7.9	22	1F			C	0718	87		D
0036		02	0735	07353	0745	N23	E61	3970	11	7.0	10	SN					60	1.3	D
	BUCA	02	0735		0745	N21	E63	3970	11	7.1	10	SN			P	0740	54	1.2	D
	KANZ	02	0735	0735	0746	N22	E60	3970	11	6.9	11	SN		3					
	CULG	02	0735	0736	0743	N26	E62	3970	11	7.1	8	SN			C	0736	40	.9	
	ABST	02	0735	0738	0745	N22	E60	3970	11	6.9	10	SN			C	0738	87	1.9	D
0037		02	09103	09152	0923	N06	W40	3966	10	30.5	13	SN					140	1.8	
	KANZ	02	0910	0915	0922	N06	W39	3966	10	30.6	12	SN		3					
	MONT	02	0910	0915	0924	N06	W41	3966	10	30.4	14	SN			C	0915	150		
	WEND	02	0913	0917	0924	N05	W40	3966	10	30.5	11	SN			C	0917	131	1.8	
0038	KANZ	02	1219	1219	1227	N05	W42	3966	10	30.5	8	SF		3					
0039	KANZ	02	1307	1312	1330	S10	W80	3961	10	27.6	23	SN							
0040	KANZ	02	1326	1330	1342	N05	W43	3966	10	30.4	16	SF							
0041		02	13381	13424	1350	S19	W60	3961A	10	29.1	12	SF					56	1.3	GL
	KANZ	02	1338	1342	1350	S19	W59	3961A	10	29.2	12	SF		3					GL
	WEND	02	1339	1346	1350	S19	W62	3961A	10	28.9	11	SF			C	1346	56	1.3	G
0042	KANZ	02	1409	1413	1424	N07	E77	3974	11	8.3	15	SF		3					
0043	RAMY	02	1458	1500	1503	N21	E56	3970	11	6.9	5	SN		3	C		37		
0044	RAMY	02	1458E	1505	1530	N05	W49	3966	10	30.0	32D	SF		3	C		79		

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)			
0045		02	1620*	1631	1704	S10	W86	3961	10	27.3	44	1N	C	5.3							
	RAMY	02	1620	1631	1704	S11	W89	3961	10	27.1	44	1N	C	5.3	3	C					
	HOLL	02	1630	1631	1646D	S10	W84	3961	10	27.5	16D	SN			3	C					
0046		02	1727	1728	1740	N04	W46	3966	10	30.4	13	SF	C	5.3			28			F	
	HOLL	02	1727	1728	1743	N04	W46	3966	10	30.4	16	SF	C	5.3	2	C	27			F	
	RAMY	02	1727	1729	1736	N03	W46	3966	10	30.4	9	SF			3	C	28				
0047	RAMY	02	1732	1737	1800	S10	W78	3961	10	28.0	28	SN	C	3.5	3	C					
0048	RAMY	02	1745	1747	1802	N05	W45	3966	10	30.5	17	SN			3	C	46				
0049	PALE	02	1818	1822	1841	N05	W43	3966	10	30.6	23	SN			3	C	21			F	
0050		02	1919	1920	1928	N05	W51	3966	10	30.1	9	SF					38			F	
	PALE	02	1919	1920	1924	N05	W50	3966	10	30.2	5	SF			3	C	29				
	RAMY	02	1919	1920	1933	N05	W52	3966	10	30.0	14	SF			3	C	46			F	
0051	RAMY	02	1922	1937	1955	S09	W78	3961	10	28.0	33	SF			3	C					
0052	CULG	02	2244	2246	2251	S13	W44	3969	10	30.7	7	SN				C	2246	70	1.0		
0053	CULG	03	0048	0049U	0051	N02	W54	3966	10	30.1	3	SN				P	0049	40	.7		
0054	LEAR	03	0250	0252	0301	N06	W55	3966	10	30.1	11	SF	C	1.8	3	C	21			F	
0055	CULG	03	0309	0311	0318	N13	E55	3972	11	7.3	9	SN				C	0311	30	.5	F	
0056		03	03402	03432	0346	S08	W84	3961	10	27.9	6	SF						34		DF	
	PEKG	03	0340	0345	0347	S07	W88	3961	10	27.7	7	SF				C	0345	34		D	
	LEAR	03	0342	0343	0346	S08	W81	3961	10	28.2	4	SF			3	C				F	
0057		03	0350	03506	0406	N05	W51	3966	10	30.4	16	SN	C	4.4			49	1.0		EFJ	
	LEAR	03	0350	0350	0418	N06	W49	3966	10	30.6	28	SN	C	4.4	3	C	32			F	
	CULG	03	0350	0352	0354	N03	W51	3966	10	30.4	4	SN				C	0352	30	.5	JF	
	PEKG	03	0350	0356	0420D	N06	W52	3966	10	30.4	30D	SF				P	0356	84	1.4	E	
0058		03	0511	0512*	0544	N06	W50	3966	10	30.6	33	SF					38			FK	
	LEAR	03	0511	0512	0544	N06	W50	3966	10	30.6	33	SF			3	C	28			K	
	LEAR	03	0511	0533	0544	N06	W50	3966	10	30.6	33	SF			3	C	47			FK	
0059	PEKG	03	0602	0607	0614	N07	W52	3966	10	30.4	12	SN				C	0607	80	1.4	E	
0060		03	06023	06052	0624	S06	W87	3961	10	27.8	22	SN	C	2.0				34			D
	PEKG	03	0602	0607	0627	S05	W90	3961	10	27.6	25	SN				C	0607	34			D
	LEAR	03	0605	0605	0622	S08	W84	3961	10	28.0	17	SN	C	2.0	3	C					
0061		03	07314	07343	0748	N04	W51	3966	10	30.6	17	SN	C	2.7				130	2.0		EF
	ABST	03	0730E	0734	0735D	N06	W50	3966	10	30.7	5D	1N				P	0734	174	2.8		E
	KANZ	03	0731	0735	0753	N04	W52	3966	10	30.5	22	SN			3						
	LEAR	03	0735	0736	0748	N05	W51	3966	10	30.6	13	SN	C	2.7	3	C		137			F
	CULG	03	0735	0737	0742	N03	W52	3966	10	30.5	7	SN				C	0737	80	1.3		
0062	KANZ	03	0925	0933	0945	N12	W83	3960	10	28.2	20	SN			3						
0063	KANZ	03	1246	1246	1254	N06	E59	3974	11	7.9	8	SF			3						
0064	HOLL	03	1529	1531	1534	N05	E58	3974	11	8.0	5	SF			3	C	18				
0065	HOLL	03	1530	1531	1538	N05	W57	3966	10	30.5	8	SF			3	C	16				
0066	HOLL	03	1552	1558	1610	N04	E58	3974	11	8.0	18	SN			3	C	42				F
0067	HOLL	03	1601	1607	1612	N05	W57	3966	10	30.5	11	SF			3	C	30				
0068		03	1640	1641	1652	N06	E56	3974	11	7.9	12	SN						32			F
	RAMY	03	1640	1641	1647	N07	E55	3974	11	7.8	7	SN			3	C	43				
	HOLL	03	1645E	1648U	1657	N04	E57	3974	11	7.9	12D	SF			3	C	22				F

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0069	HOLL	03	1733	1735	1742	N04	E57	3974	11	8.0	9	SF		3	C		36		F
0070	HOLL	03	1813	1813	1822	N04	E57	3974	11	8.0	9	SF		3	C		17		F
0071	HOLL	03	2140	2207	2209	N05	W61	3966	10	30.4	29	SF		3	C		13		
0072	LEAR	04	0123	0123	0132	S10	W60	3969	10	30.6	9	SF		3	C		22		H
0073	CULG	04	0241	0244	0248	N08	E56	3974	11	8.3	7	SN			C	0244	40	.8	
0074	CULG	04	0516	0517	0521	S14	W64	3969	10	30.5	5	SN			C	0517	20	.5	J
0075	CULG	04	0543	0545	0551	S14	W64	3969	10	30.5	8	SN			C	0545	50	1.2	J
0076		04	0635E	0737E	0750	S11	W64	3969	10	30.5	75D	1N					174		DT
	ISTA	04	0635E		0730	S11	W60	3969	10	30.9	55D	1N							
	KAND	04	0721E	0743	0754	S11	W68	3969	10	30.3	33D	SN			C				T
	ABST	04	0729E	0739	0800D	S11	W64	3969	10	30.6	31D	1N			P	0739	174		D
	KANZ	04	0737E	0737	0805	S11	W65	3969	10	30.5	28D	SN		2					
0077	ABST	04	0729E	0729	0800D	S09	W25	3975	11	2.4	31D	SF			P	0729	87	1.3	D
0078	ABST	04	0729E	0731	0800D	N13	E85	3976	11	10.7	31D	1F			P	0731	79		AD
0079	ABST	04	0729E	0731	0747	N03	W69	3966	10	30.2	18D	1N			P	0731	174		E
0080	KANZ	04	0843	0847	0859	S11	W65	3969	10	30.6	16	SF		3					
0081	KANZ	04	1026	1034	1050	N13	E85	3976	11	10.8	24	SF		3					
0082	KANZ	04	1328	1328	1340	N05	E46	3974	11	8.0	12	SF		3					
0083		04	1400	1437	1548	S11	W64	3969	10	30.9	108	1N	C 4.8				152		FZ
	KANZ	04	1400		1425D	S11	W65	3969	10	30.8	25D	SF		2					
	HOLL	04	1410E	1437	1548	S11	W63	3969	10	30.9	98D	1B	C 4.8	3	C		152		ZF
0084		04	1602	1624I	1640	S10	W69	3969	10	30.6	38	SN					22		FK
	HOLL	04	1602	1624	1640	S10	W69	3969	10	30.6	38	SF		3	C		19		K
	HOLL	04	1602	1625	1640	S10	W69	3969	10	30.6	38	SN		3	C		26		FK
		04	1612		1617	No Flare Patrol													
0085	HOLL	04	1653	1653	1700	S10	W69	3969	10	30.6	7	SF		3	C		11		
		04	1734		1827	No Flare Patrol													
0086	HOLL	04	1917	1919	1930	N06	W73	3966	10	30.4	13	SF		3	C				
0087	HOLL	04	2012	2012	2020	S10	W71	3969	10	30.6	8	SF		3	C		14		F
0088	HOLL	04	2043	2050	2051	S10	W71	3969	10	30.6	8	SF		3	C				
0089		04	20502	2052I	2106	N06	E42	3974	11	8.0	16	SF					18		F
	HOLL	04	2050	2053	2107	N04	E42	3974	11	8.0	17	SF		3	C		18		F
	PALE	04	2052	2052	2104	N07	E42	3974	11	8.0	12	SF		3	C		19		
0090		04	2114	2116I	2125	S12	W72	3969	10	30.6	11	SN	C 1.7				20		FJ
	HOLL	04	2114	2116	2128	S10	W72	3969	10	30.6	14	SN	C 1.7	3	C				F
	CULG	04	2114	2117	2122	S15	W72	3969	10	30.5	8	SN			C	2117	20		J
0091	HOLL	04	2149	2151	2159	S10	W73	3969	10	30.5	10	SN		3	C				F
0092	HOLL	04	2218	2221	2225	S09	W72	3969	10	30.6	7	SF		3	C				
0093	HOLL	04	2313	2322	2341	S10	W73	3969	10	30.6	28	SF		3	C				
		05	1131		1249	No Flare Patrol													
0094		05	1944I	1946I	2000	N04	E34	3974	11	8.4	16	SN	C 1.0				97		F
	HOLL	05	1944	1947	2000	N04	E34	3974	11	8.4	16	SN	C 1.0	3	C		110		
	PALE	05	1945	1946	2000	N05	E34	3974	11	8.4	15	SN		3	C		84		F

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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)		
0095		06	00241	0025	0028	N11	E58	3976	11	10.4	4	SN						44		
	LEAR	06	0024	0025	0028	N10	E59	3976	11	10.4	4	SF		3	C			44		
	PALE	06	0025	0025	0028	N12	E58	3976	11	10.4	3	SN		3	C			43		
0096	PALE	06	0058	0059	0110	N13	E50	3979	11	9.8	12	SF		3	C			20		
0097	LEAR	06	0145	0152	0207	N11	E51	3979	11	9.9	22	SF		3	C			24		
0098	LEAR	06	0326	0326	0332	N11	E49	3979	11	9.8	6	SF		3	C			18		
0099		06	0819	0820*	0835	N24	E20	3981	11	7.9	16	SF						76	1.3	F
	LEAR	06	0819	0820	0835	N24	E20	3981	11	7.9	16	SF		3	C			40		F
	CATA	06	0825E	0830	0840D	N25	E20	3981	11	7.9	150	S		2	P	0830		112	1.3	
0100		06	09305	09351	0957	N26	E18	3981	11	7.8	27	SF						95	1.6	H
	MONT	06	0930	0936	0949	N26	E19	3981	11	7.9	19	SF			C	0936		50		H
	CATA	06	0935	0935	1005	N26	E18	3981	11	7.8	30	S		2	C	0935		140	1.6	
0101	HOLL	06	1508	1519	1536	N23	E13	3973	11	7.6	28	SF		3	C			33		
0102	HOLL	06	1533	1537	1553	N09	E40	3979	11	9.6	20	SF		3	C			42		
0103	HOLL	06	1631	1633	1636	N10	E40	3979	11	9.7	5	SF		3	C			29		
0104	HOLL	06	1647	1647	1652	N10	E40	3979	11	9.7	5	SF		3	C			24		
0105	HOLL	06	1745	1746	1750	N08	E40	3979	11	9.7	5	SF		3	C			41		
			1912		1920	No Flare Patrol														
			1936		1940	No Flare Patrol														
			2125		2130	No Flare Patrol														
0106	PALE	07	0003	0004	0010	N12	E50	3976	11	10.8	7	SF		3	C			23		
0107	CULG	07	0233	0234	0237	S07	E12	3977	11	8.0	4	SF			C	0234		30	.3	
0108	LEAR	07	0311	0314	0335	N11	E49	3976	11	10.8	24	SF		3	C			33		
			0852		0955	No Flare Patrol														
0109	KANZ	07	1047	1051	1103	N10	E31	3979	11	9.8	16	SF		1						E
			1607		1628	No Flare Patrol														
			1701		1719	No Flare Patrol														
0110	RAMY	07	1831	1832	1839	S11	W08	3983	11	7.2	8	SF		3	C			25		
			2037		2046	No Flare Patrol														
			2201		2211	No Flare Patrol														
0111	CULG	08	05453	05504	0629	N13	W08	3972	11	7.6	44	SF C 2.1						136	1.4	EFI
			0545	0550	0605D	N13	W09	3972	11	7.6	20D	SF		P	0550			150	1.5	FI
			0545	0550	0632	N13	W08	3972	11	7.6	47	SN C 2.1	3	C				128		F
			0548	0554	0626	N13	W08	3972	11	7.6	38	SF		P	0554			130	1.4	E
			0935		1027	No Flare Patrol														
0112	LVOV	08	12047	1218	1238	S11	E90	3987	11	15.3	34	1B						200		H
			1204	1218	1241	S11	E90	3987	11	15.3	37	1N		C	1218			200		H
			1211	1218	1236	S11	E89	3987	11	15.2	25	SB	3	C						
0113	RAMY	08	1305	1308	1315	S10	E81	3990	11	14.6	10	SF		3	C					
0114	RAMY	08	1306	1312	1320	N08	E11	3979	11	9.4	14	SF		3	C			22		
			1502		1902	No Flare Patrol														
0115	HOLL	08	1721E	1721U	1746	S13	E72	3984	11	14.1	25D	SF		3	C					

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																	Apparent (10-6 Disk)	Corr (Sq Deg)		
0116		08	20481	20522	2108	N14	E22	3976	11	10.5	20	SN					118	1.3	F	
	CULG	08	2048	2054	2106	N14	E22	3976	11	10.5	18	SN			C	2054	120	1.3	F	
	PALE	08	2049	2052	2109	N13	E22	3976	11	10.5	20	SF		3	C		115		F	
0117	HOLL	08	2222	2227	2255	S09	E82	3987	11	15.1	33	SF		3	C					
0118	CULG	09	0258	0300U	0310	S11	E85	3987	11	15.5	12	SN			P	0300	20			
0119	ABST	09	0751	0756	0815	S13	E80	3987	11	15.4	24	1N			C	0756	174		EK	
0120	ABST	09	0831	0835	0841D	S13	E80	3987	11	15.4	100	1N			C	0835	174		E	
0121	KHAR	09	0936E	0939	0957D	S12	E83	3987	11	15.6	210	SF			P	0939			H	
0122		09	1118E		1140D	S13	E67	3995	11	14.5	220	SF			V	1118			D	
			09 1401		1713	No Flare Patrol														
0123	RAMY	09	1726E	1733U	1752	S12	E72	3987	11	15.1	260	SN		3	C					
0124	PALE	09	2017	2028	2037	S11	E71	3987	11	15.2	20	SF	C 2.0	3	C					
0125	PURP	10	0140	0144	0207	S13	E64	3987	11	14.9	27	SN			C	0144	33			
0126	PURP	10	0219	0233	0305	S12	E71	3987	11	15.4	46	1F			C	0233	79			
0127		10	0359	0405*	0432	S11	E68	3987	11	15.3	33	SN	C 3.9				36			
	LEAR	10	0359	0405	0428	S11	E67	3987	11	15.2	29	SN	C 3.9	3	C		38			
	PURP	10	0417E	0417	0437	S11	E70	3987	11	15.4	200	SN			P	0417	33			
0128	ABST	10	0534	0535	0541	S10	E60	3990	11	14.7	7	1F			C	0535	87	2.1	D	
0129		10	05593	06025	0607	S13	E62	3987	11	14.9	8	SN	C 2.5				54	1.5	DJK	
	ABST	10	0559	0602	0607	S14	E60	3987	11	14.8	8	1N			C	0602	87	2.1	DK	
	CULG	10	0601	0603	0606	S11	E63	3987	11	15.0	5	SN			C	0603	60	1.5	J	
	LEAR	10	0602	0602	0607	S13	E63	3987	11	15.0	5	SN	C 2.5	3	C		34			
	PURP	10	0607E	0607	0607D	S14	E63	3987	11	15.0	50	SF			P	0607	33	.8		
0130		10	0901	09169	0936	S11	E61	3987	11	15.0	35	SN	C 4.3				114	4.0	F	
	LEAR	10	0901	0918	0929D	S11	E61	3987	11	15.0	280	SN	C 4.3	3	C		86		F	
	ATHN	10	0913E	0916	0935	S11	E62	3987	11	15.0	220	1N		2	V	0916	175	4.0		
	MONT	10	0925E	0925	0937	S11	E60	3987	11	14.9	120	SN			C	0925	80			
		10	1401		1548	No Flare Patrol														
0131	RAMY	10	1543	1555	1630	S10	E59	3987	11	15.1	47	SN		3	C		102			
0132		10	17465	1804	1906	S12	E58	3987	11	15.1	80	2B	M 2.1				396		EF	
	RAMY	10	1746	1804	1905	S13	E62	3987	11	15.4	79	2B		3	C		326			
	PALE	10	1751	1804U	1906	S11	E55	3987	11	14.9	75	2B	M 2.1	3	C		465		FE	
0133		10	17582	1806	1858	S06	E50	3990	11	14.5	60	SB					102			
	PALE	10	1758	1803U	1858	S05	E48	3990	11	14.3	60	SN		3	C		130			
	RAMY	10	1800	1806	1830D	S07	E53	3990	11	14.7	300	SB		3	C		75			
0134	PALE	10	1924	1925	1930	N21	W38	3981	11	7.9	6	SF		3	C		17			
0135	PALE	10	1924	1924	1930	S11	E62	3987	11	15.5	6	SF		3	C		13			
			10 1957		2002	No Flare Patrol														
		10	2239		2242	No Flare Patrol														
0136	CULG	10	2257	2300	2304	N20	W42	3973	11	7.7	7	SN			C	2300	20	.3		
0137	CULG	10	2315	2328	2349	N11	E48	3991	11	14.6	34	SF			C	2328	50	.7	F	
0138	CULG	11	0017	0019	0020	N09	W27	3988	11	9.0	3	SN			C	0019	20	.2		

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																Apparent (10-6 Disk)	Corr (Sq Deg)		
0139	LEAR	11	0051	0055	0106	S17	E53	3995	11	15.1	15	SF	3	C		34		F	
0140		11	0129*	02206	0240	S12	E60	3987	11	15.6	71	SN	C	5.7		79	1.8	EJ	
	PURP	11	0129		0245	S13	E62	3987	11	15.7	76	SN		P	0236	40	.9		
	LEAR	11	0216	0225	0244	S12	E60	3987	11	15.6	28	SN	C	5.7	3	61			
	CULG	11	0217	0220	0234	S09	E60	3987	11	15.6	17	1N		C	0220	170	3.4	J	
	PEKG	11	0220E	0226	0237	S13	E59	3987	11	15.5	170	SN		P	0226	46	1.0	E	
0141	LEAR	11	0219	0221	0242	S17	E51	3995	11	15.0	23	SF	3	C		40			
0142	LEAR	11	0428	0429	0434	S12	E57	3987	11	15.5	6	SN	3	C		26			
0143		11	0537I	05385	0553	N09	E45	3991	11	14.6	16	SN				73	1.2	F	
	ABST	11	0537	0543	0556	N07	E45	3991	11	14.6	19	SN		C	0543	131	1.8	F	
	CULG	11	0538	0538	0549	N11	E44	3991	11	14.5	11	SN		C	0538	50	.7		
	LEAR	11	0538	0539	0555	N08	E45	3991	11	14.6	17	SF	3	C		37		F	
0144	ABST	11	0600	0602	0605	S15	E56	3995	11	15.5	5	1F		C	0602	131	2.6	D	
0145	LEAR	11	0659	0700	0706	S13	E57	3987	11	15.6	7	SF	3	C		28		F	
0146	ABST	11	0721	0723	0736	S15	E56	3995	11	15.5	15	1N		C	0723	131	2.6	D	
0147	LEAR	11	0815	0816	0820	S13	E57	3987	11	15.6	5	SF	2	C		16			
0148	LEAR	11	0901	0905	0908	S13	E56	3987	11	15.6	7	SN	C	2.1	2	15			
0149	LEAR	11	0939	0943	0948D	S13	E55	3987	11	15.5	90	SN	C	1.3	2	43		F	
0150	RAMY	11	1404	1405	1410	N09	W35	3988	11	8.9	6	SF	3	C		66			
		11	1431		1443	No Flare Patrol													
		11	1553		1617	No Flare Patrol													
0151	PALE	11	2012	2013U	2034D	S14	E39	3995	11	14.8	22D	SF	C	1.4	3	30		F	
0152	CULG	11	2045	2054	2115	N11	E36	3991	11	14.6	30	SN		C	2054	80	1.0		
0153	PALE	11	2106	2140U	2146	S10	E46	3987	11	15.3	40	SF	C	2.5	3	36		F	
0154	PALE	11	2154	2201	2228	S10	E46	3987	11	15.4	34	SF	3	C		43		F	
0155		11	22246	2243*	2402	S11	E40	3987	11	14.9	98	1N	C	7.1		226		FKZ	
	HOLL	11	2224	2243	2304D	S11	E40	3987	11	14.9	40D	1B	C	7.1	1	296		ZFK	
	HOLL	11	2224	2256	2304D	S11	E40	3987	11	14.9	40D	1N		C	1	271		K	
	PALE	11	2230	2254	2402	S10	E40	3987	11	14.9	92	1N		C	3	216		F	
	LEAR	11	2239E	2243		S11	E41	3987	11	15.0	D	1N		C	3	178		FK	
	LEAR	11	2239E	2250		S11	E41	3987	11	15.0	D	1N		C	3	168		K	
0156		11	22374	2247	2300	S08	E40	3990	11	14.9	23	1N				127	3.2	FJ	
	CULG	11	2237	2245U	2310	S08	E42	3990	11	15.1	33	1B		P	2254	220	3.2	JF	
	LEAR	11	2241	2247	2251	S07	E39	3990	11	14.9	10	SF	3	C		34			
0157	LEAR	12	0132	0134	0201	S12	E43	3987	11	15.3	29	SN	C	2.6	3	40		F	
0158		12	0258*	0307*	0505	S11	E37	3987	11	14.9	127	1N	M	2.0		199	2.8	CEFIJKU	
	LEAR	12	0258	0307	0522	S12	E38	3987	11	15.0	144	SF		C	3	104		K	
	LEAR	12	0258	0418	0522	S12	E38	3987	11	15.0	144	1B	M	2.0	3	240		FEK	
	PEKG	12	0331	0355	0455	S11	E38	3987	11	15.0	84	1N		P	0355	273	3.7	FU	
	VORO	12	0334	0350	0400D	S10	E38	3987	11	15.0	260	1F		C	0350	332	4.0	CEIJK	
	PURP	12	0341	0343	0344D	S12	E38	3987	11	15.0	3D	SN		C	0343	53	.7		
	MITK	12	0341E	0413	0441	S10	E36	3987	11	14.8	60D	SB		C	0413			E	
	YUNN	12	0356E	0356U	0356D	S11	E37	3987	11	14.9	60D	1N		P	0356	193	2.6		
0159		12	05253	0542*	0720	S15	E31	3995	11	14.6	115	1N	M	1.1		170	2.0	DEF	
	MITK	12	0525	0542	0619D	S13	E32	3995	11	14.6	54D	SN		C	0542			D	
	PEKG	12	0525	0546	0559D	S15	E31	3995	11	14.6	34D	SN		P	0546	134	1.7	F	
	ABST	12	0527	0555	0715	S16	E30	3995	11	14.5	108	1N		C	0555	174	2.2	F	
	LEAR	12	0528	0543	0724	S15	E30	3995	11	14.5	116	1B	M	1.1	3	202		FE	

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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	Area Measurement			Remarks
																Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0160	ABST	12	0645	0647	0710	S10	E37	3987	11	15.1	25	SN			C	0647	131	1.7	E
0161		12	07033	07072	0726	N08	E31	3991	11	14.6	23	1N					158	2.1	EF
	ABST	12	0703	0707	0725	N08	E31	3991	11	14.6	22	1F			C	0706	174	2.1	E
	LEAR	12	0706	0709	0728	N08	E31	3991	11	14.6	22	SN		3	C		143		F
0162	ABST	12	0708	0710	0715	S14	E45	3987	11	15.7	7	SN			C	0710	131	1.9	EK
0163		12	0818*	0833*	0937	S11	E35	3987	11	15.0	79	1N	C 5.4				261	3.8	EFHK
	LEAR	12	0818	0833	0958D	S12	E33	3987	11	14.8	100D	1N		3	C		181		K
	LEAR	12	0818	0916	0958D	S12	E33	3987	11	14.8	100D	1B	C 5.4	3	C		257		FEK
	CATA	12	0855E	0902	0910D	S12	E37	3987	11	15.1	15D	2		1	P	0902	394	5.3	
	KHAR	12	0900E	0910	0958D	S10	E35	3987	11	15.0	58D	1N			P	0908	300	3.8	EH
	WEND	12	0902	0906	0937	S11	E40	3987	11	15.4	35	1N			C	0906	175	2.4	
0164	KHAR	12	1042E	1045	1049D	S09	E36	3990	11	15.1	7D	SN			V	1045			D
0165	KHAR	12	1113E	1113	1145D	S10	E41	3987	11	15.5	32D	SF			V	1113			DH
0166	KANZ	12	1154	1210	1222	S13	E36	3987	11	15.2	28	SN		2					
0167		12	1205*	1324*	1344	S12	E33	3987	11	15.0	99	SN					189		FKL
	RAMY	12	1205	1325	1358D	S13	E36	3987	11	15.2	113D	SN		3	C		151		FK
	RAMY	12	1205	1344	1358D	S13	E36	3987	11	15.2	113D	1N		3	C		227		K
	KANZ	12	1321	1324	1328	S12	E30	3987	11	14.8	7	SF		2					
	KANZ	12	1341	1344	1359	S12	E30	3987	11	14.8	18	SN		2					L
0168	HOLL	12	1407E	1435	1535	S11	E33	3987	11	15.1	88D	2B X	1.1	3	C		638		EU
0169		12	1407	1414*	1441	S08	E30	3990	11	14.8	34	SN					65		
	KANZ	12	1407	1414	1414D	S09	E30	3990	11	14.8	7D	SN		3					
	HOLL	12	1407	1430	1441	S08	E29	3990	11	14.8	34	SN		3	C		65		
0170	HOLL	12	1416E	1416U	1418D	S17	E22	3995	11	14.3	2D	SB		2	C		100		F
0171	HOLL	12	1425	1425	1438	N07	E27	3991	11	14.6	13	SF		3	C		21		
0172	HOLL	12	1605	1608	1622	S07	E29	3990	11	14.8	17	SF		3	C		27		
0173		12	16105	1623	1638	N14	W27	3976	11	10.6	28	SF					87		F
	HOLL	12	1610	1623	1640	N15	W27	3976	11	10.6	30	SF		3	C		109		F
	RAMY	12	1615	1623	1635	N14	W27	3976	11	10.6	20	SF		3	C		65		F
0174	HOLL	12	1621	1625	1632	S14	E37	3987	11	15.5	11	SF		3	C		35		
0175	HOLL	12	1640	1648	1653	S07	E28	3990	11	14.8	13	SF		3	C		25		
0176	HOLL	12	1659	1703	1710	S05	E28	3990	11	14.8	11	SF		3	C		26		
0177	HOLL	12	1747	1747	1809	N15	W28	3976	11	10.6	22	SF		3	C		41		
0178	PALE	12	1814	1815	1821	S11	E28	3987	11	14.9	7	SF		3	C		33		F
0179		12	1857*	1913*	2036	S12	E28	3987	11	14.9	99	SN	C 3.5				93		FK
	HOLL	12	1857	1913	2037	S12	E27	3987	11	14.8	100	SB	C 3.5	4	C		86		FK
	HOLL	12	1857	2031	2037	S12	E27	3987	11	14.8	100	SF		4	C		89		K
	PALE	12	2027	2027	2034	S13	E29	3987	11	15.0	7	SN	C 3.2	3	C		103		
0180	PALE	12	1902	1912	1946	S15	E28	3995	11	14.9	44	SN		3	C		79		F
0181	HOLL	12	1912	1912	1919	S07	E27	3990	11	14.8	7	SF		3	C		24		
0182	HOLL	12	1938	1950	1958	N15	W28	3976	11	10.7	20	SF		3	C		51		F
0183	HOLL	12	2008	2008	2012	N23	W65	3981	11	7.8	4	SF		3	C		14		
0184	PALE	12	2115	2116	2125	S17	E32	3987	11	15.3	10	SN		3	C		76		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/USAF		CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement		Remarks
								Region	Region									Apparent (10-6 Disk)	Corr (Sq Deg)	
0185		12	21213	21253	2249	N10	W41	3979	11	9.8	88	SN	C	4.3				98		U
	HOLL	12	2121	2128	2256	N09	W43	3979	11	9.7	95	SN	C	4.3	3	C		165		U
	PALE	12	2124	2125	2242	N10	W39	3979	11	10.0	78	SF			3	C		32		U
0186		12	21461	21481	2157	S12	E34	3987	11	15.5	11	SN						60		F
	HOLL	12	2146	2148	2201	S12	E36	3987	11	15.6	15	SN			3	C		64		F
	PALE	12	2147	2149	2153	S12	E33	3987	11	15.4	6	SN			3	C		55		
0187		12	22181	2220	2239	S12	E30	3987	11	15.2	21	1N	C	3.6				191	2.6	F
	CULG	12	2218	2220	2232	S09	E28	3987	11	15.0	14	1B				C	2220	220	2.6	
	PALE	12	2219	2220	2241	S16	E33	3987	11	15.4	22	1N	C	3.6	3	C		212		F
	HOLL	12	2221E	2224U	2245	S10	E29	3987	11	15.1	24D	SN			2	C		140		F
0188		12	2344*	2408*	2519	S12	E27	3987	11	15.0	95	2N	M	4.9				502	5.8	CEFHIJK
	VORO	12	2344	2408	2500	S14	E29	3987	11	15.2	76	2F				C	2408	573	6.9	CEFHIJK
	PALE	12	2352	2408	2509	S11	E26	3987	11	14.9	77	2B	M	4.9	3	C		789		FE
	LEAR	12	2352	2410	2603	S12	E27	3987	11	15.0	131	2B			3	C		632		FEK
	LEAR	12	2352	2448	2603	S12	E27	3987	11	15.0	131	SN			3	C		95		K
	MITK	12	2353	2410	2511	S11	E26	3987	11	14.9	78	1N				C	2410	260	3.1	E
	CULG	13	0003	0009	0030	S10	E26	3987	11	14.9	27	2B				C	0009	660	7.3	
0189	CULG	12	2355	2357	2402	N19	W69	3973	11	7.7	7	SN				C	2357	40		
0190	PURP	13	0120	0134U	0154D	S13	E23	3995	11	14.8	34D	SN				P	0134	60	.7	
0191		13	02304	02398	0314	S15	E24	3995	11	14.9	44	1B						185	2.2	EFKW
	MITK	13	0230		0317	S13	E25	3995	11	15.0	47	1N				C	0314	210	2.5	E
	CULG	13	0234	0239	0320	S14	E25	3995	11	15.0	46	1B				C	0239	260	3.1	WFEK
	PEKG	13	0240E	0245	0304	S16	E24	3995	11	14.9	24D	SN				P	0245	130	1.5	F
	PURP	13	0247E	0247	0315	S16	E24	3995	11	14.9	28D	SB				C	0247	139	1.7	
0192		13	02443	02462	0254	N12	W32	3976	11	10.7	10	SN						82	1.0	FG
	CULG	13	0244	0246	0250	N12	W32	3976	11	10.7	6	SF				C	0246	110	1.3	F
	PURP	13	0247	0248	0259	N12	W32	3976	11	10.7	12	SN				C	0248	53	.7	G
0193		13	0228*	0315*	0450	S15	E23	3995	11	14.8	142	1N	M	1.8				259	2.8	FKUZ
	LEAR	13	0228	0315	0448	S15	E25	3995	11	15.0	140	1B	M	1.8	3	C		395		ZUK
	LEAR	13	0228	0343	0448	S15	E25	3995	11	15.0	140	1N			3	C		185		K
	PEKG	13	0309	0315	0350D	S15	E24	3995	11	14.9	41D	1N				P	0315	294	3.5	FK
	PEKG	13	0309	0320	0350D	S15	E21	3995	11	14.7	41D	1N				P	0320	265	3.1	F
	PURP	13	0426E	0428	0453	S15	E19	3995	11	14.6	27D	SN				C	0428	159	1.8	
0194	LEAR	13	0300	0307	0318	S18	E13	3984	11	14.1	18	SF			3	C		46		F
0195		13	04466	04521	0458	S13	E25	3987	11	15.1	12	SN	C	6.8				151	1.7	EF
	CULG	13	0446	0452	0458	S13	E25	3987	11	15.1	12	SB				C	0452	140	1.6	
	MITK	13	0449	0452	0457	S13	E25	3987	11	15.1	8	SN				C	0452			E
	LEAR	13	0449	0452	0459	S14	E25	3987	11	15.1	10	SN	C	6.8	3	C		176		F
	PEKG	13	0450	0452	0500	S15	E25	3987	11	15.1	10	1N				C	0452	210	2.5	E
	PURP	13	0452	0453	0454D	S13	E27	3987	11	15.2	2D	SN				P	0453	79	1.0	
0196		13	05326	05336	0547	S12	E22	3987	11	14.9	15	SN						54	.6	EK
	ABST	13	0532	0533	0550	S14	E24	3987	11	15.0	18	SN				C	0533	87	1.0	EK
	PEKG	13	0534E	0534	0545	S12	E21	3987	11	14.8	11D	SF				C	0534	59	.6	E
	LEAR	13	0534	0537	0542	S12	E22	3987	11	14.9	8	SN			3	C		42		
	PURP	13	0538	0539	0550	S12	E22	3987	11	14.9	12	SN				C	0539	26	.3	
0197		13	0552*	0603*	0652	S12	E23	3987	11	15.0	60	1B	M	3.2				250	2.7	EFJKT
	ABST	13	0552	0606	0645	S13	E25	3987	11	15.1	53	1B				C	0606	349	4.0	F
	LEAR	13	0554	0605	0646	S12	E22	3987	11	14.9	52	1B	M	3.2	3	C		329		FE
	CULG	13	0559	0607U	0626D	S11	E23	3987	11	15.0	27D	1B				P	0607	280	3.0	JFE
	ATHN	13	0600	0603	0648	S10	E26	3987	11	15.2	48	SN			4	V	0603	64	.7	
	ATHN	13	0600E	0603	0657	S13	E25	3987	11	15.1	57D	SB			4	V	0603	159	1.8	
	PEKG	13	0600E	0610	0700	S12	E22	3987	11	14.9	60D	SN				C	0610	168	1.9	EK
	PEKG	13	0600E	0635	0700	S11	E23	3987	11	15.0	60D	SN				C	0635	63	.7	ET
	PURP	13	0602	0610	0648	S12	E21	3987	11	14.8	46	1B				C	0610	411	4.7	
	MITK	13	0606	0609	0630D	S12	E23	3987	11	15.0	24D	1N				C	0609	430	5.0	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	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0198		13	0826	0827	0836	S14	E24	3987	11	15.2	10	SB	C 4.2				68	1.1	F
	ATHN	13	0825E	0827	0835	S13	E25	3987	11	15.2	10D	SB		4	V	0827	95	1.1	
	LEAR	13	0826	0829	0838	S14	E23	3987	11	15.1	12	SN	C 4.2	3	C		41		F
0199		13	0942	0943	0952	S14	E24	3987	11	15.2	10	SB	C 4.3				94	1.5	EF
	LEAR	13	0942	0943	0949	S15	E22	3987	11	15.1	7	SB	C 4.3	2	C		62		FE
	ATHN	13	0943E	0946	0955	S13	E25	3987	11	15.3	12D	SB		4	V	0946	127	1.5	
0200		13	1219	1223	1230	S16	E20	3995	11	15.0	11	SF					70	1.3	
	RAMY	13	1219	1223	1230	S14	E21	3995	11	15.1	11	SF		3	C		28		
	CATA	13	1220E	1230	1250D	S17	E18	3995	11	14.9	30D	S		2	P	1230	112	1.3	
0201		13	1414*	1439	1539D	S16	E20	3987	11	15.1	85D	1B	C 8.4				368		F
	RAMY	13	1414	1439	1539D	S14	E19	3987	11	15.0	85D	1B	C 8.4	3	C		458		
	HOLL	13	1436	1443	1530D	S17	E21	3987	11	15.2	54D	1B	M 1.5	3	C		277		F
		13	1433		1434	No Flare Patrol													
0202	RAMY	13	1635	1639	1655	S17	E20	3987	11	15.2	20	SN		3	C		38		
0203	RAMY	13	1750	1801	1808	S13	E83	3994	11	20.0	18	SF		3	C				
0204	RAMY	13	1852	1853	1919	S16	E15	3995	11	14.9	27	SF	C 2.2	3	C		53		F
0205		13	2105	2106	2120	S16	E13	3995	11	14.9	15	SF	C 2.2				24		F
	PALE	13	2105	2106	2124	S16	E13	3995	11	14.9	19	SF	C 2.2	3	C		25		
	HOLL	13	2106	2108	2117	S17	E13	3995	11	14.9	11	SF		3	C		22		F
0206	HOLL	13	2132	2133	2146	S17	E11	3995	11	14.7	14	SF		3	C		39		F
0207		13	2357	2358	2406	S14	E14	3995	11	15.0	9	SN					72	.9	F
	CULG	13	2357	2358	2406	S14	E14	3995	11	15.0	9	SN			C	2358	80	.9	F
	LEAR	13	2358	2358	2405	S15	E14	3995	11	15.0	7	SN		3	C		65		F
0208		13	2356*	2358*	2458	S11	E14	3987	11	15.0	62	1N	M 2.2				486	6.1	CEFIJKU
	VORO	13	2356	2431	2540	S12	E14	3987	11	15.0	104	2F			C	2431	1075	11.7	CEIJK
	MITK	13	2357	2358	2404	S13	E14	3987	11	15.0	7	SN			C	2358			E
	LEAR	14	0007	0020	0105	S11	E15	3987	11	15.1	58	1B		3	C		303		K
	MITK	14	0007	0025	0057	S11	E13	3987	11	15.0	50	1N			C	0025	270	2.9	E
	LEAR	14	0007	0032	0105	S11	E15	3987	11	15.1	58	2B	M 2.2	3	C		495		FEK
	CULG	14	0015	0033	0100	S11	E14	3987	11	15.1	45	1B			C	0033	350	3.8	JFE
	PALE	14	0020	0032	0058	S11	E13	3987	11	15.0	38	1N		3	C		421		UF
0209	YUNN	14	0248E	0249	0250	S11	E16	3987	11	15.3	2D	SF			P		129	1.4	
0210	LEAR	14	0556	0557	0604	S12	E08	3987	11	14.8	8	SF	C .8	3	C		41		FU
0211	ABST	14	0632	0634	0650	S12	E22	3987	11	15.9	18	SN			C	0634	86	1.0	EK
0212		14	0644	0645*	0703	S11	E07	3987	11	14.8	19	SN	C 1.5				74	.9	DEFKV
	ABST	14	0644	0645	0705	S11	E06	3987	11	14.7	21	SN			C	0645	131	1.4	EKV
	CULG	14	0644	0656	0703	S11	E08	3987	11	14.9	19	SN			C	0656	120	1.2	
	LEAR	14	0650	0650	0704	S12	E08	3987	11	14.9	14	SF	C 1.5	3	C		28		F
	YUNN	14	0651	0657	0701	S10	E07	3987	11	14.8	10	SF			C		16	.2	D
0213		14	0830*	0845	0900	N13	W48	3976	11	10.7	30	SN	C 1.0				109	1.6	F
	BUCA	14	0830		0900	N15	W48	3976	11	10.7	30	SN			C	0846	107	1.6	
	LEAR	14	0832	0847	0900	N13	W47	3976	11	10.8	28	SF	C 1.0	3	C		111		F
	KAND	14	0844	0845	0900	N11	W49	3976	11	10.7	16	1N			P				
0214		14	0915	0915	0921	S13	E14	3987	11	15.4	6	SN	C 1.4				56		D
	KHAR	14	0915E		0923D	S13	E13	3987	11	15.4	8D	SF			V	0915			D
	LEAR	14	0915	0915	0921	S13	E15	3987	11	15.5	6	SN	C 1.4	3	C		56		
0215	KHAR	14	1034E	1037	1041D	S11	E06	3987	11	14.9	7D	SF			P	1037	100	1.1	
		14	1430		1445	No Flare Patrol													
0216	RAMY	14	1526	1531	1549	S12	E11	3987	11	15.5	23	SN	C 1.3	3	C		57		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	See	Obs Type	Time (UT)	Area Measurement		Remarks		
																	Apparent (10-6 Disk)	Corr (Sq Deg)			
0217	RAMY	14	1648	1658	1727	S11	E05	3987	11	15.1	39	SF	C	1.2	3	C		32			
0218		14	18043	1808	1820	S18	E00	3995	11	14.7	16	SF						40			
	RAMY	14	1804	1808	1826	S19	E00	3995	11	14.7	22	SF			3	C		57			
	PALE	14	1807	1808	1815	S18	E00	3995	11	14.7	8	SF			3	C		22			
0219		14	18573	19075	1936	S09	E64	3994	11	19.6	39	SN	C	2.2				48			
	RAMY	14	1857	1912	1952	S09	E64	3994	11	19.6	55	SN	C	2.2	3	C		64			
	PALE	14	1900	1907	1919	S09	E65	3994	11	19.7	19	SF			3	C		33			
0220	RAMY	14	1945	1945	1952	S12	E00	3987	11	14.8	7	SN	C	2.1	3	C		35			
0221	HOLL	14	2011	2012	2022	S12	W01	3987	11	14.8	11	SF			3	C		25			
0222	HOLL	14	2032	2032	2038	S12	W01	3987	11	14.8	6	SN			3	C		30			
0223	HOLL	14	2255	2308	2322	N10	W68	3979	11	9.8	27	SF			3	C		17			
0224	HOLL	14	2302	2303	2308D	S11	W03	3987	11	14.7	6D	SF			3	C		26			
0225	HOLL	14	2317	2320	2324	S10	E62	3994	11	19.6	7	SF			3	C		36			
0226		15	0143*	0143*	0248	S11	W01	3987	11	15.0	65	2B	M	8.5				658	6.9	EFKUZ	
	LEAR	15	0143	0143	0312	S12	W01	3987	11	15.0	89	SF			3	C		44		K	
	LEAR	15	0143	0202	0312	S12	W01	3987	11	15.0	89	2B	M	8.5	3	C		943		ZFK	
	CULG	15	0155	0202	0241	S11	W00	3987	11	15.1	46	2B				C	0202	800	8.0	UEF	
	PALE	15	0157	0208	0253D	S11	E00	3987	11	15.1	56D	2B			3	C		972		ZU	
	YUNN	15	0159	0204	0229	S11	W01	3987	11	15.0	30	2B				P		707	7.5		
	PEKG	15	0159	0205	0229	S11	W01	3987	11	15.0	30	1B				C	0205	484	5.2	F	
0227	PALE	15	0204	0204	0253D	S06	W03	3990	11	14.9	49D	SN			3	C		30			
0228	ABST	15	0501E	0506	0613D	S12	E05	3987	11	15.6	72D	SF				C	0506	87	.9	DJK	
0229	ABST	15	0530	0538	0555	S11	W05	3987	11	14.8	25	SF				C	0538	131	1.4	DJ	
0230		15	0833*	08414	0856	S12	W00	3987	11	15.3	23	SF	C	1.5				171		F	
	LEAR	15	0833	0842	0915	S12	W02	3987	11	15.2	42	SF	C	1.5	3	C		171		F	
	KANZ	15	0841	0841	0845	S12	W01	3987	11	15.3	4	SN			1						
	KANZ	15	0845	0845	0849	S12	E02	3987	11	15.5	4	SF			1						
0231	KANZ	15	0938	0946	1003	N07	W33		11	12.9	25	SF			1					G	
0232	KANZ	15	1029	1029	1033	S12	E02	3987	11	15.6	4	SF			2						
		15	1044		1128	No Flare Patrol															
		15	1144		1149	No Flare Patrol															
0233	RAMY	15	1337	1337	1355	S12	W01	3987	11	15.5	18	SN	C	1.0	3	C		28		F	
0234	KANZ	15	1415E	1428	1428D	S11	W11	3987	11	14.8	13D	SF			1						
0235	RAMY	15	1439	1440	1453	S13	E63	3994	11	20.4	14	SN	C	1.1	3	C		34			
0236	HOLL	15	1548	1551	1602D	S13	E59	3994	11	20.1	14D	SF			3	C		30		F	
0237		15	16015	1618*	1727	S12	W09	3987	11	15.0	86	1B	M	1.3				326		FKUZ	
	HOLL	15	1601	1618	1728	S12	W09	3987	11	15.0	87	1B	M	1.3	3	C		415		ZUK	
	HOLL	15	1601	1654	1728	S12	W09	3987	11	15.0	87	1B			3	C		270		K	
	RAMY	15	1606	1618	1725	S12	W09	3987	11	15.0	79	1B			3	C		292		UF	
0238	RAMY	15	1618	1620	1720	S08	W12	3990	11	14.8	62	SF			3	C		46			
0239	HOLL	15	1706	1707	1715	N15	W62		11	11.0	9	SF			3	C		14			
0240	RAMY	15	1834	1840	1933	S12	W04	3987	11	15.5	59	SN			3	C		100			
0241	HOLL	15	1834	2006	2007D	S12	W05	3987	11	15.4	93D	SB	C	3.3	3	C		135		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	Obs See	Type	Area Measurement			Remarks	
															Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0242	HOLL	15	1857	1858	1920	S13	E57	3994	11 20.1	23	SF		3	C		27			
0243	HOLL	15	1908	1922	1936	N11	W78	3979	11 9.9	28	SF		3	C					
0244	HOLL	15	1953	2025	2049	N11	W80	3979	11 9.8	56	SF		3	C					
0245	HOLL	15	2130E	2306	2308	S12	W06	3987	11 15.4	98D	2N C 2.7		3	C		1004		FH	
0246		15	22121	2214	2220	N08	W83	3979	11 9.7	8	SN					20			
	CULG	15	2212	2214	2219	N06	W86	3979	11 9.5	7	SF			C	2214	20			
	HOLL	15	2213	2214	2220	N11	W80	3979	11 9.9	7	SN		3	C					
0247		15	2241	2248	2306	N13	W71	3979	11 10.6	25	2N					256	6.1	F	
	CULG	15	2241	2249	2306	N12	W71	3979	11 10.6	25	1F			C	2249	180			
	HOLL	15	2245E	2248	2250D	N14	W71	3979	11 10.6	50	2N		3	C		314		F	
	MANI	15	2247E	2248	2258D	N13	W70	3979	11 10.7	11D	2N		1	V		275	6.1	F	
0248		15	23404	2344	2349	S15	W12	3995	11 15.1	9	SN C 2.0					40	.5		
	CULG	15	2340	2344	2348D	S15	W12	3995	11 15.1	8D	SN			P	2344	50	.5		
	LEAR	15	2344	2344	2349	S15	W13	3995	11 15.0	5	SN C 2.0		3	C		29			
0249	YUNN	16	0047	0051	0106D	N12	W82	3979	11 9.8	19D	1N			P		94		AT	
0250	LEAR	16	0200	0201	0208	S11	W15	3987	11 14.9	8	SN		3	C		65		F	
0251		16	02423	02451	0254	S12	W16	3987	11 14.9	12	SF C 2.1					46		F	
	LEAR	16	0242	0246	0259	S13	W16	3987	11 14.9	17	SF C 2.1		3	C		66		F	
	PALE	16	0245	0245	0248	S12	W16	3987	11 14.9	3	SF		3	C		27		F	
0252		16	02543	0257*	0412	S14	E57	3994	11 20.4	78	SN C 1.9					78	1.5	CDEFJK	
	VORO	16	0254	0259	0312D	S13	E58	3994	11 20.5	18D	SF			C	0259	81	1.6	CDJK	
	PALE	16	0256	0257	0301D	S13	E56	3994	11 20.3	5D	SF C 1.9		3	C		82		F	
	LEAR	16	0257	0326	0431	S14	E57	3994	11 20.4	94	SB C 8.7		3	C		98		FE	
	PEKG	16	0314E	0321	0410	S15	E57	3994	11 20.4	56D	SN			P	0321	59	1.2	EK	
	PEKG	16	0314E	0350	0410	S15	E58	3994	11 20.5	56D	SN			P	0350	63	1.3	E	
	MANI	16	0318E	0322	0358	S13	E57	3994	11 20.4	40D	SB		1	V		85	1.6		
	YUNN	16	0320E	0324	0414	S14	E57	3994	11 20.4	54D	SN			P		94	1.9		
	CULG	16	0342E	0342U	0406D	S12	E59	3994	11 20.6	24D	SN			P	0342	60	1.2		
0253		16	03405	0350*	0520	S12	W11	3987	11 15.3	100	1N M 2.1					269	2.8	DEFJKTU	
	LEAR	16	0340	0359	0519	S13	W12	3987	11 15.2	99	1N M 2.1		3	C		305		F	
	MANI	16	0341	0352	0510	S13	W12	3987	11 15.2	89	1N		1	V		200	2.2	F	
	YUNN	16	0344	0413	0512	S12	W11	3987	11 15.3	88	1N			C		472	5.1	FTU	
	PEKG	16	0345	0350	0456	S13	W12	3987	11 15.2	71	SN			C	0350	160	1.7	EK	
	PEKG	16	0345	0417	0456	S12	W12	3987	11 15.2	71	1N			C	0417	202	2.2	F	
	CULG	16	0346U	0405U	0416D	S13	W11	3987	11 15.3	30U	1B			P	0405	420	4.6	JFE	
	ABST	16	0502E	0504	0624	S12	W09	3987	11 15.5	82D	SN			P	0504	122	1.3	DJ	
0254		16	05244	05293	0535	N10	W88	3979	11 9.6	11	1F					48		AD	
	ABST	16	0524	0529	0536	N10	W89	3979	11 9.5	12	1F			C	0529	87		AD	
	LEAR	16	0528	0532	0534	N10	W86	3979	11 9.8	6	SF		3	C		9			
0255	ABST	16	0630	0635	0701	S10	W15	3987	11 15.1	31	SN			C	0635	175	1.9	FJ	
0256	LEAR	16	0812	0820	0834	S12	W20	3987	11 14.8	22	SN C 2.6		3	C		83		F	
0257		16	0910	0918	0935D	S14	W21	3995	11 14.8	25D	SN					60	.5	FT	
	LEAR	16	0910	0918	0924D	S14	W20	3995	11 14.9	14D	SF		2	C		72		F	
	YUNN	16	0922E	0922U	0935D	S14	W22	3995	11 14.7	13D	SN			P	0922	47	.5	T	
0258	YUNN	16	0922E	0922U	0935D	N10	W89	3979	11 9.7	13D	SN			P	0922	31		AT	
		16	0936		1027														No Flare Patrol
0259	CATA	16	1010E	1010	1010D	N10	W90	3979	11 9.7	13D	1		2	P	1010	84			
		16	1031		1037														No Flare Patrol
		16	1051		1127														No Flare Patrol

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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)	
0280		17	1054E	10555	1108D	S15	E40	3994	11	20.5	14D	1N					284	4.0	EU
	ABST	17	1054E	1055	1105D	S15	E39	3994	11	20.4	11D	1N		P	1055	288	4.0	EU	
	CATA	17	1100E	1100	1108D	S15	E40	3994	11	20.5	8D	1		2	P	1100	281	4.0	
		17	1109		1204														No Flare Patrol
		17	1216		1229														No Flare Patrol
0281	RAMY	17	1322	1322	1327	S07	E86	3997	11	24.0	5	SF		3	C		24		
0282	RAMY	17	1357	1406	1544	S12	W34	3987	11	15.0	107	1B M	2.8	3	C		359		
0283	RAMY	17	1737	1744	1810	S16	W53	3984	11	13.7	33	SF		3	C		17		
0284	RAMY	17	1738	1744	1810	S21	W41	3995	11	14.6	32	SF		3	C		19		
		17	1909		1913														No Flare Patrol
		17	2008		2021														No Flare Patrol
0285	VORO	18	0004	0009	0025	S14	E27	3994	11	20.0	21	1F			C	0009	179	2.1	CFJ
0286		18	00205	00252	0039	S09	W44	3990	11	14.7	19	SN					34	.5	ET
	YUNN	18	0020	0025	0035	S08	W44	3990	11	14.7	15	SN			C		16	.2	ET
	PURP	18	0025	0027	0043	S10	W43	3990	11	14.8	18	SF			C	0027	53	.8	
0287		18	01204	01242	0149	S15	W43	3995	11	14.8	29	SF	C 2.1				52	1.0	CEFJKT
	YUNN	18	0120	0126	0150	S15	W41	3995	11	14.9	30	SN			C		31	.5	ET
	VORO	18	0122	0125	0155	S15	W42	3995	11	14.9	33	SF			C	0125	99	1.4	CFJK
	LEAR	18	0124	0124	0141	S14	W45	3995	11	14.6	17	SF	C 2.1	3	C		27		F
0288		18	03013	03043	0315	S12	W40	3987	11	15.1	14	SN	C 3.8				89	1.2	CEFJT
	YUNN	18	0301	0304	0313	S10	W39	3987	11	15.2	12	SN			C		79	1.1	ET
	CULG	18	0301	0304	0314	S14	W40	3987	11	15.1	13	SB			C	0304	60	.8	FE
	LEAR	18	0301	0304	0323	S12	W40	3987	11	15.1	22	SN	C 3.8	3	C		79		F
	VORO	18	0302	0304	0313	S12	W40	3987	11	15.1	11	1F			C	0306	161	2.2	CFJ
	PURP	18	0304	0307	0322	S12	W41	3987	11	15.0	18	SN			C	0307	60	.8	E
	PEKG	18	0306E	0306	0307	S12	W39	3987	11	15.2	1D	SN			P	0306	97	1.3	E
0289		18	03298	03352	0356	S16	E31	3994	11	20.5	27	SF					20	.2	DT
	YUNN	18	0329	0335	0344D	S16	E30	3994	11	20.4	15D	SF			P		13	.2	DT
	LEAR	18	0337	0337	0356	S17	E32	3994	11	20.6	19	SF		3	C		27		
0290	CULG	18	0358	0401	0405	S13	W40	3987	11	15.1	7	SF			C	0401	60	.8	
0291		18	04545	05008	0603	S15	E30	3994	11	20.5	69	1B M	1.4				314	3.8	EFT
	CULG	18	0454	0503	0556	S14	E30	3994	11	20.5	62	1B			C	0503	290	3.5	FE
	YUNN	18	0455E	0500	0557	S16	E29	3994	11	20.4	62D	1B			P		377	4.7	FT
	LEAR	18	0455	0506	0626	S15	E30	3994	11	20.5	91	1B M	1.4	3	C		343		FE
	ABST	18	0456E	0506	0620	S15	E30	3994	11	20.5	84D	1N			P	0506	349	4.3	E
	PEKG	18	0459	0508	0535	S15	E30	3994	11	20.5	36	1B			C	0508	210	2.6	F
0292	LEAR	18	0613	0614	0628	S12	W42	3987	11	15.1	15	SF	C 2.4	3	C		21		
0293	KANZ	18	0810	0817	0828	S15	E28	3994	11	20.4	18	SF							
0294	KANZ	18	0813	0834	0844	S13	W43	3987	11	15.1	31	SF							
0295		18	12403	12438	1306	S16	W40	3995	11	15.5	26	1F					150	2.2	D
	LVOV	18	1240	1243	1257	S16	W41	3995	11	15.4	17	1F			C	1243	150	2.2	D
	KANZ	18	1243	1251	1314	S16	W40	3995	11	15.5	31	SF							
0296		18	1311	13482	1355D	S13	E20	3994	11	20.0	44D	SB					185		F
	RAMY	18	1311	1348	1350D	S13	E21	3994	11	20.1	39D	SB		3	C		185		F
	KANZ	18	1346E	1350	1355D	S13	E20	3994	11	20.1	9D	SB		2					
		18	1341		1343														No Flare Patrol
0297	HOLL	18	1411E	1411U	1439	S14	E17	3994	11	19.9	28D	SN		2	C		85		FZ

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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)		
0298		18	1543	16521	1657D	S10	E17	3994	11	19.9	74D	SN	C	1.7			56		K	
	RAMY	18	1543	1652	1657D	S10	E17	3994	11	19.9	74D	SN			3	C	52		K	
	RAMY	18	1543	1653	1657D	S10	E17	3994	11	19.9	74D	SN	C	1.7	3	C	60		K	
		18	1721		1806														No Flare Patrol	
0299	HOLL	18	1846	1855	1859	S11	E14	3994	11	19.8	13	SF			3	C	25		F	
0300	HOLL	18	1859	1903	1905D	S07	W54	3990	11	14.7	6D	SF			2	C	19			
		18	1906		1917														No Flare Patrol	
		18	1924		1939														No Flare Patrol	
0301		18	21141	21271	2146	S10	E14	3994	11	19.9	32	SN	C	6.4			100	1.2	FJ	
	CULG	18	2114	2128	2149	S09	E15	3994	11	20.0	35	SN				C	2128	110	1.2	J
	HOLL	18	2115	2127	2142	S10	E14	3994	11	19.9	27	SN	C	6.4	3	C	91			F
0302	VORO	19	0113	0121	0132	S14	W56	3995	11	14.8	19	SF				C	0121	81	1.6	CJ
0303	YUNN	19	0201	0204	0220	S11	E10	3994	11	19.8	19	SN				P	47	.5	DT	
0304		19	04552	0459	0508	S10	W59	3987	11	14.8	13	SN	C	2.3			66	1.0	FT	
	CULG	19	0455	0459	0507	S12	W59	3987	11	14.7	12	SF				C	0459	80	1.6	
	LEAR	19	0455	0459	0514	S10	W58	3987	11	14.8	19	SN	C	2.3	3	C	103			F
	YUNN	19	0457	0459	0502	S09	W59	3987	11	14.8	5	SN				C	16	.3	T	
0305	YUNN	19	0505	0515	0535	S14	E10	3994	11	20.0	30	SF				C	63	.7	T	
0306	LEAR	19	0602	0612	0626	S14	E10	3994	11	20.0	24	SN			3	C	26		F	
0307		19	07243	0725*	0809	S15	E16	3994	11	20.5	45	1B	M	1.1			190	2.1	FJKTU	
	CULG	19	0724	0735U	0810	S14	E17	3994	11	20.6	46	S8				P	0735	60	.7	JF
	CATA	19	0725	0725	0745D	S16	E17	3994	11	20.6	20D	1			2	P	0725	337	3.8	
	LEAR	19	0726	0736	0815	S15	E16	3994	11	20.5	49	1B	M	1.1	3	C	205			U
	YUNN	19	0727	0735	0805	S15	E15	3994	11	20.4	38	1B				C	204	2.3	FT	
	PEKG	19	0729E	0731	0807	S15	E15	3994	11	20.4	38D	SN				P	0731	130	1.5	FK
	PEKG	19	0729E	0740	0807	S15	E16	3994	11	20.5	38D	1N				P	0740	202	2.3	FU
0308		19	0817	08192	0838	S14	E10	3994	11	20.1	21	SN					88		F	
	LEAR	19	0817	0819	0839	S15	E11	3994	11	20.2	22	SN			3	C	88		F	
	KANZ	19	0821E	0821	0838	S14	E09	3994	11	20.0	17D	SN			1					
0309		19	09034	09102	0918	S12	W55	3987	11	15.2	15	SN					85			
	KANZ	19	0903	0910	0918	S15	W52	3987	11	15.4	15	SN			2					
	LEAR	19	0906	0910	0917	S10	W59	3987	11	14.9	11	SF			3	C	60			
	MONT	19	0907	0912	0918	S12	W53	3987	11	15.4	11	SN				C	0912	110		
0310	LEAR	19	0919	0919	0928	N11	E72	3998	11	24.8	9	SF			3	C	15			
0311		19	09301	09356	0958	S12	W54	3987	11	15.3	28	SN					105	1.2	EFT	
	YUNN	19	0930	0935	0937D	S11	W55	3987	11	15.2	7D	SN				P	31	.6	ET	
	KANZ	19	0930	0938	1008	S14	W53	3987	11	15.4	38	1N			3					
	CATA	19	0930	0941	0955	S13	W57	3987	11	15.1	25	S			2	C	0941	84	1.7	
	LEAR	19	0931	0932U	0932D	S13	W53	3987	11	15.4	1D	SF			3	C	56		F	
	MONT	19	0931	0936	0951	S12	W53	3987	11	15.4	20	1N				C	0936	250		
0312	KANZ	19	1016	1020	1023	S16	W30	3999	11	17.1	7	SF			2					
0313	KANZ	19	1153	1155	1221	S10	E03	3994	11	19.7	28	SF			1					
0314	KANZ	19	1153	1205	1217	S16	W31	3999	11	17.1	24	SF			1					
0315	KANZ	19	1307	1311	1315	S09	E02	3994	11	19.7	8	SF			1					
0316		19	13437	1351*	1405	S10	E05	3994	11	19.9	22	SF	C	2.4			30		K	
	KANZ	19	1343	1351	1411	S10	E05	3994	11	19.9	28	SN			2					
	RAMY	19	1350	1351	1402	S10	E05	3994	11	19.9	12	SF	C	2.4	3	C	37		K	
	RAMY	19	1350	1401	1402	S10	E05	3994	11	19.9	12	SF			3	C	22		K	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
															Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0317		19	13501	13511	1355	N12	E68	3998	11	24.7	5	SF				64		
	RAMY	19	1350	1352	1409D	N13	E69	3998	11	24.8	19D	SF	3	C		64		
	KANZ	19	1351	1351	1355	N12	E67	3998	11	24.6	4	SF	2					
		19	1424		1425	No Flare Patrol												
0318	HOLL	19	1443	1505	1550	S09	E00	3994	11	19.6	67	SF	3	C			79	
0319	HOLL	19	1453	1527	1551	N11	E67	3998	11	24.7	58	SN	3	C			24	
0320	HOLL	19	1535	1603	1604	S10	W62	3987	11	15.0	29	SF C 2.3	3	C			28	F
0321	HOLL	19	1626	1632	1643	S09	E00	3994	11	19.7	17	SN	3	C			41	F
0322	HOLL	19	1652	1656	1723	N11	E67	3998	11	24.7	31	SF	3	C			48	
0323		19	17103	17121	1750	S04	E57	3997	11	24.0	40	SN C 1.4				62		
	HOLL	19	1710	1712	1752	S05	E57	3997	11	24.0	42	SN C 1.4	3	C		70		
	RAMY	19	1713	1713	1747	S03	E57	3997	11	24.0	34	SF	3	C		53		
0324	HOLL	19	1753	1754	1802	S09	E00	3994	11	19.7	9	SB C 2.0	3	C		103	E	
0325		19	18061	18235	1840	N12	E64	3998	11	24.6	34	SF				45		
	HOLL	19	1806	1823	1842	N11	E66	3998	11	24.7	36	SF	3	C		37		
	RAMY	19	1807	1828	1839	N12	E62	3998	11	24.4	32	SF	3	C		53		
0326	RAMY	19	1836	1836	1852	S09	W01	3994	11	19.7	16	1F	3	C		295		
0327	HOLL	19	2102E	2104U	2138	S08	E54	3997	11	23.9	36D	SF	3	C		27	F	
0328	HOLL	19	2156	2158	2205	S09	W04	3994	11	19.6	9	SF	3	C		28	F	
0329	HOLL	19	2240	2254	2302	S12	E00	3994	11	19.9	22	SN	3	C		100	F	
0330	CULG	19	2312	2314	2324	S16	W76	3995	11	14.2	12	SF		C	2314	40		
0331	LEAR	20	0055	0057	0108	S12	W66	3987	11	15.1	13	SF	3	C		17		
0332	CULG	20	0103	0111	0121	S11	W07	3994	11	19.5	18	SF		C	0111	40	.4	
0333	LEAR	20	0256	0256	0300	S06	E52	3997	11	24.0	4	SF	3	C		18		
0334	LEAR	20	0338	0340	0402	S12	W65	3987	11	15.2	24	SF	3	C		32	F	
0335		20	05206	05306	0548	S25	E89	4000	11	27.1	28	1B M 2.0				175	AFGKY	
	YUNN	20	0520	0536	0551	S25	E89	4000	11	27.1	31			C			AY	
	ABST	20	0521	0533	0539D	S25	E90	4000	11	27.2	18D	2N		C	0533	175	AFGK	
	LEAR	20	0526	0530	0544	S24	E89	4000	11	27.1	18	SB M 2.0	3	C				
0336		20	08302	08371	0859	S09	W08	3994	11	19.7	29	SN C 2.4				141	F	
	KANZ	20	0830	0838	0901	S09	W07	3994	11	19.8	31	SN	3					
	LEAR	20	0832	0837	0857	S09	W09	3994	11	19.7	25	SN C 2.4	3	C		141	F	
0337	KANZ	20	0833	0837	0849	S07	E49	3997	11	24.0	16	SF	3					
0338	KANZ	20	0935	0943	0951	S06	W05	3994	11	20.0	16	SF	3				L	
0339	KANZ	20	0955	1000	1019	S13	W70	3987	11	15.1	24	SN	3					
0340		20	1003*	10157	1051	S10	W02	3994	11	20.3	48	1B				240	2.6	
	KANZ	20	1003	1015	1042	S11	W05	3994	11	20.0	39	2N	3					
	CATA	20	1015	1015	1045D	S10	W04	3994	11	20.1	30D	1	2	C	1015	281	3.0	
	CATA	20	1015	1015	1100	S11	E01	3994	11	20.5	45	S	2	C	1015	169	1.8	
	ATHN	20	1020E	1022	1024D	S09	W01	3994	11	20.3	4D	1B	2	V	1022	271	2.9	
0341	KANZ	20	1007	1007	1023	S10	E44	3997	11	23.7	16	SF	3					
0342	KANZ	20	1140	1144	1203	S14	W09	3994	11	19.8	23	SF	3					

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																Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0343		20	1219*	12304	1254	S14	W09	3994	11	19.8	35	SF								
	RAMY	20	1219	1230	1302	S14	W09	3994	11	19.8	43	SF		3	C			34		
	KANZ	20	1230	1234	1246	S13	W09	3994	11	19.8	16	SF		3				34		
0344	KANZ	20	1318	1321	1346	S24	E81	4000	11	26.8	28	SF		3						
0345		20	1554*	1606*	1800	S08	W13	3994	11	19.7	126	SN	C 2.4					143		EFK
	RAMY	20	1554	1706	1937	S09	W13	3994	11	19.7	223	SB		3	C			192		K
	RAMY	20	1554	1708	1937	S09	W13	3994	11	19.7	223	1B	C 2.4	3	C			239		K
	HOLL	20	1603	1606	1623	S08	W13	3994	11	19.7	20	SF		3	C			51		F
	HOLL	20	1628	1641	1651	S09	W14	3994	11	19.6	23	SN		3	C			50		F
	HOLL	20	1653	1701	1732	S08	W14	3994	11	19.6	39	SB	C 5.4	3	C			184		E
0346	HOLL	20	1627	1628	1633	N11	W03	4001	11	20.4	6	SF		3	C			29		
0347	HOLL	20	1655	1657	1704	N11	W04	4001	11	20.4	9	SF		3	C			45		
0348	HOLL	20	1736	1739	1744	S09	W13	3994	11	19.7	8	SF		3	C			38		F
0349		20	1808*	1834*	2211	S11	W09	3994	11	20.1	243	1N						148		.7
	HOLL	20	1808	1834	2349D	S11	W09	3994	11	20.1	341D	SN		3	C			106		EJKU
	HOLL	20	1808	2211	2349D	S11	W09	3994	11	20.1	341D	2B		3	C			268		K
	CULG	20	2202	2204	2211	S12	W10	3994	11	20.2	9	SN			C	2204		70		.7
0350	HOLL	20	1834	1840	1843	N10	E46	3998	11	24.2	9	SF		3	C			40		
0351	HOLL	20	1902	1903	1912	N11	W05	4001	11	20.4	10	SF		3	C			26		
0352		20	19252	19385	1949	N10	W06	4001	11	20.3	24	SN						42		
	RAMY	20	1925	1938	1957D	N10	W06	4001	11	20.3	32D	SN		3	C			53		
	HOLL	20	1927	1943	1949	N11	W06	4001	11	20.3	22	SN		3	C			31		
0353	CULG	20	2004	2010	2031	S12	W10	3994	11	20.1	27	SB			C	2010		110		1.1
0354	CULG	20	2042	2045	2052	N15	E40	3998	11	23.9	10	SF			C	2045		50		.7
0355		20	20531	20582	2118	S08	E37	3997	11	23.6	25	1B						148		1.2
	CULG	20	2053	2058	2115	S07	E37	3997	11	23.6	22	SB			C	2058		90		1.2
	HOLL	20	2054	2100	2122	S10	E37	3997	11	23.6	28	1B		3	C			207		E
0356	HOLL	20	2116	2117	2124	N11	W07	4001	11	20.3	8	SF		3	C			50		
0357	HOLL	20	2158	2202	2208	N11	W07	4001	11	20.4	10	SF		3	C			24		
0358	HOLL	20	2205	2207	2212	S26	E79	4000	11	27.0	7	SF		3	C					
0359		20	2214*	2227*	2311	S12	W12	3994	11	20.0	57	SN						111		.8
	CULG	20	2214	2227	2250	S11	W12	3994	11	20.0	36	SN			C	2227		100		1.1
	LEAR	20	2244E	2259U	2346	S10	W12	3994	11	20.0	62D	SN		3	C			194		F
	CULG	20	2254	2255	2258	S14	W13	3994	11	20.0	4	SN			C	2255		40		.4
0360	LEAR	20	2301	2303	2317	N12	W07	4001	11	20.4	16	SF		3	C			28		
0361	CULG	20	2302	2304	2311	S14	W05	3994	11	20.6	9	SN			C	2304		30		.3
0362		21	0041*	0046*	0148	S10	W18	3994	11	19.7	67	SN						85		.9
	LEAR	21	0041	0046	0200	S10	W18	3994	11	19.7	79	SN		3	C			97		DFKT
	LEAR	21	0041	0136	0200	S10	W18	3994	11	19.7	79	SN		3	C			93		FK
	CULG	21	0044E	0044U	0045	S10	W19	3994	11	19.6	1D	SN			P	0044		100		1.1
	LEAR	21	0201	0205	0208	S09	W18	3994	11	19.7	7	SN		3	C			74		F
	YUNN	21	0205E	0205U	0207	S10	W19	3994	11	19.6	2D	SN			P	0205		63		.7
0363	LEAR	21	0106	0106	0114	S23	E75	4000	11	26.8	8	SF		3	C					H
0364	YUNN	21	0254E	0254U	0305	S08	W21	3994	11	19.5	11D	SN			P	0254		79		.9
0365	LEAR	21	0339	0347	0409	S12	W81	3987	11	15.0	30	SF		3	C					F

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															(10-6 Disk)	Corr (Sq Deg)	
0366	LEAR	21	0340	0349	0408	S09	W19	3994	11 19.7	28	SN C 7.3	3	C		73		F
0367	LEAR	21	0422	0424	0435	S07	W19	3994	11 19.7	13	SN C 6.3	3	C		58		F
0368	LEAR	21	0423	0423	0427	S23	E73	4000	11 26.8	4	SF	3	C				
0369		21	04491	04533	0507	S11	W14	3994	11 20.1	18	SN C 6.1				83	.9	EFJT
	LEAR	21	0449	0453	0505	S11	W13	3994	11 20.2	16	SN C 6.1	3	C		83		F
	CULG	21	0450E	0454	0506	S12	W14	3994	11 20.1	16D	SN		P	0454	120	1.3	FJ
	YUNN	21	0450	0456	0511	S11	W15	3994	11 20.1	21	SN		C		47	.5	ET
0370		21	0605	0626*	0709	S12	W81	3987	11 15.1	64	1N M 1.5				87		DG
	LEAR	21	0605	0626	0709	S11	W79	3987	11 15.3	64	SN M 1.5	3	C				
	ABST	21	0632E	0638	0638D	S13	W83	3987	11 15.0	6D	1N		P	0638	87		DG
0371		21	06082	06096	0624	S06	W22	4002	11 19.6	16	SB				28	.4	DET
	LEAR	21	0608	0609	0629	S07	W21	4002	11 19.7	21	SB	3	C		24		E
	YUNN	21	0610	0615	0620	S06	W23	4002	11 19.5	10	SN		C		31	.4	DT
0372	YUNN	21	0918	0928	0937	S09	W21	3994	11 19.8	19	SN		C		79	.9	T
0373		21	10144	10201	1030	S10	W24	3994	11 19.6	16	SB				31	.4	
	KANZ	21	1014	1021	1033	S10	W24	3994	11 19.6	19	SB	3					
	WEND	21	1018	1020	1027	S09	W23	3994	11 19.7	9	SB		C	1020	31	.4	
0374	KANZ	21	1018	1018	1021	N11	W14	4001	11 20.4	3	SF	3					
0375		21	1121	11271	1142	S08	W25	3994	11 19.6	21	SN				19	.2	
	WEND	21	1121	1127	1141	S08	W25	3994	11 19.6	20	SN		C	1127	19	.2	
	KANZ	21	1121	1128	1144	S09	W25	3994	11 19.6	23	SN	3					
0376		21	11486	11532	1227	N11	W15	4001	11 20.4	39	SN C 3.6				84		
	KANZ	21	1148	1153	1207	N11	W15	4001	11 20.4	19	SN	3					
	RAMY	21	1154	1155	1247	N11	W15	4001	11 20.4	53	SN C 3.6	3	C		84		
0377	KANZ	21	1214	1214	1222	S08	W38	4002	11 18.7	8	SF	3					L
0378		21	1306	13103	1322	S09	W26	3994	11 19.6	16	1B				191	2.2	
	KANZ	21	1306	1310	1325	S09	W25	3994	11 19.7	19	SN	3					
	ATHN	21	1310E	1313	1318	S09	W26	3994	11 19.6	8D	1B	3	V	1313	191	2.2	
0379		21	1417	14192	1625	S09	W26	3994	11 19.6	128	2B M 1.1				524		FKU
	RAMY	21	1411E	1419	1625	S10	W25	3994	11 19.7	134D	2B M 1.1	3	C		524		UFK
	KANZ	21	1417	1421	1421D	S08	W26	3994	11 19.6	4D	1B	3					
0380		21	1443	15023	1524	N10	W16	4001	11 20.4	41	SN				49		FU
	RAMY	21	1443	1502	1537	N10	W16	4001	11 20.4	54	SN	3	C		70		UF
	HOLL	21	1454E	1505	1511	N11	W16	4001	11 20.4	17D	SF	1	C		28		F
0381	HOLL	21	1521	1522	1527	N11	W17	4001	11 20.4	6	SF	2	C		54		F
0382	RAMY	21	1617	1618	1628	N11	W17	4001	11 20.4	11	SN	3	C		31		
0383	HOLL	21	1628	1650	1711	S07	W27	3994	11 19.7	43	SN	3	C		49		FH
0384	RAMY	21	1631	1651	1700	S10	W14	3994	11 20.6	29	SB	3	C		33		
0385		21	17383	1745*	1827	S08	W27	3994	11 19.7	49	SB C 5.0				85		EK
	HOLL	21	1738	1745	1835	S07	W28	3994	11 19.6	57	SB C 5.0	3	C		95		EK
	HOLL	21	1738	1755	1835	S07	W28	3994	11 19.6	57	SN	3	C		107		K
	RAMY	21	1741	1745	1811	S11	W26	3994	11 19.8	30	SB	3	C		52		
0386		21	1805	18072	1809D	N12	W18	4001	11 20.4	4D	SB				63		E
	RAMY	21	1805	1807	1807D	N11	W19	4001	11 20.3	2D	SB	3	C		42		E
	HOLL	21	1805	1809	1809D	N12	W17	4001	11 20.5	4D	SB	3	C		84		E
0387	HOLL	21	1813	1815	1820	S09	E26	3997	11 23.7	7	SN	3	C		106		F

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																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0388	HOLL	21	1813	1816	1818	S11	W76	3987	11	16.0	5	SF		3	C					
0389		21	1816*	18432	1914	S08	W28	3994	11	19.7	58	1B	C 8.6				297		E	
	RAMY	21	1816	1843	1908	S08	W28	3994	11	19.7	52	SB		3	C		114			
	HOLL	21	1838	1845	1919	S07	W27	3994	11	19.7	41	1B	C 8.6	3	C		480		E	
0390	HOLL	21	1840	1841	1847	N12	W18	4001	11	20.4	7	SF		3	C		28			
0391		21	19411	1943	2000	S08	W26	3994	11	19.9	19	SB	C 5.8				72		F	
	RAMY	21	1941	1943	2010	S11	W24	3994	11	20.0	29	SB	C 5.8	3	C		93			
	HOLL	21	1942	1943	1951	S06	W27	3994	11	19.8	9	SN		3	C		51		F	
0392	CULG	21	2035	2035	2044	S09	W29	3994	11	19.7	9	SN			C	2035	60	.7	J	
0393	CULG	21	2134	2135	2140	S11	W31	3994	11	19.6	6	SN			C	2135	100	1.2	J	
0394	LEAR	21	2318	2319	2324	N13	W65	4003	11	17.1	6	SF	C 3.7	3	C		20			
0395		22	0012	0019	0031	N11	W22	4001	11	20.3	19	SN	C 3.9				42	.5	DT	
	LEAR	22	0012	0019	0032	N11	W23	4001	11	20.3	20	SF	C 3.9	3	C		37			
	YUNN	22	0020E	0020U	0030	N11	W22	4001	11	20.3	100	SN			P	0020	47	.5	DT	
0396	YUNN	22	0020E	0020U	0030	S10	W23	3994	11	20.3	100	SN			P	0020	47	.5	T	
0397		22	01201	0130*	0154	N12	W24	4001	11	20.2	34	SN	C 4.8				88	1.2	FKT	
	YUNN	22	0120	0130	0138	N12	W23	4001	11	20.3	18	SN			C		126	1.4	FT	
	LEAR	22	0121	0132	0159	N11	W23	4001	11	20.3	38	SF	C 4.8	3	C		81		FK	
	LEAR	22	0121	0151	0159	N11	W23	4001	11	20.3	38	SF		3	C		66		K	
	YUNN	22	0148E	0148U	0200	N13	W25	4001	11	20.2	120	SN			P	0148	79	.9	FT	
0398	YUNN	22	0127	0129	0135	S09	W30	3994	11	19.8	8	SN			C		47	.6		
0399		22	02121	02145	0234	N08	W70	4003	11	16.8	22	SN					30			
	LEAR	22	0212	0219	0233	N08	W70	4003	11	16.8	21	SF		3	C		28			
	YUNN	22	0213	0214	0234	N09	W71	4003	11	16.8	21	SN			C		31			
0400	YUNN	22	0234	0237	0240	S07	W35	4002	11	19.5	6	SN			C		47	.6	T	
0401		22	0325	0328	0337	S12	W32	3994	11	19.7	12	SN					26	.4	ET	
	LEAR	22	0325	0328	0337	S14	W30	3994	11	19.9	12	SN		3	C		21			
	YUNN	22	0325	0328	0337	S09	W34	3994	11	19.6	12	SN			C		31	.4	ET	
0402	LEAR	22	0347	0347	0351	S24	E61	4000	11	26.9	4	SF		3	C		22			
0403		22	04501	0451	0458	S06	W36	4002	11	19.5	8	SB					69	1.2	EFT	
	YUNN	22	0450	0451	0455	S06	W36	4002	11	19.5	5	SN			C		94	1.2	ET	
	LEAR	22	0451	0451	0500	S07	W35	4002	11	19.6	9	SB		3	C		44		FE	
0404		22	0502	0504	0509	S11	W24	3994	11	20.4	7	SN					88	1.0	ET	
	CULG	22	0502	0504	0510	S11	W22	3994	11	20.5	8	SN			C	0504	50	.5		
	YUNN	22	0504E	0504	0508	S11	W27	3994	11	20.2	40	SN			P		126	1.5	ET	
0405	CULG	22	0539	0541	0547	N14	W23	4001	11	20.5	8	SF			C	0541	60	.7		
0406	LEAR	22	0608	0608	0613	S07	W36	4002	11	19.5	5	SN		3	C		34		F	
0407		22	06247	06334	0644	N12	W28	4001	11	20.1	20	SN					34	.5	D	
	PEKG	22	0624	0633	0633D	N13	W28	4001	11	20.1	9D	SN			P	0633	42	.5	D	
	LEAR	22	0631	0637	0644	N12	W27	4001	11	20.2	13	SF		3	C		27			
0408		22	0723	0724	0738	S12	W29	3994	11	20.1	15	SB					77	.9	EJT	
	CULG	22	0723	0724	0727	S11	W31	3994	11	20.0	4	SB			C	0724	60	.7	J	
	YUNN	22	0743E	0743U	0750	S13	W27	3994	11	20.3	7D	SN			P	0743	94	1.1	ET	
0409		22	07452	0749	0754	N14	E30	3998	11	24.6	9	SF					34	.5	F	
	CULG	22	0745	0749	0753	N15	E30	3998	11	24.6	8	SF			C	0749	40	.5	F	
	LEAR	22	0747	0749	0754	N12	E29	3998	11	24.5	7	SF		3	C		27			

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						Region	Lat CMD									Apparent (10-6 Disk)	Corr (Sq Deg)	
0410	LEAR	22	0822	0822	0832	N11 W69	4003	11	17.1	10	SF		3	C		11		
0411	LEAR	22	0857	0905	0917D	S10 W32	3994	11	20.0	20D	SF		3	C		28		
		22	0918		0941	No Flare Patrol												
0412		22	09453	09518	1020	N12 W26	4001	11	20.4	35	SN					163	1.9	E
	KHAR	22	0942E	0958	1035D	N10 W28	4001	11	20.3	53D	SN			P	0958	150	1.7	E
	WEND	22	0945	0959	1022	N13 W26	4001	11	20.4	37	SF			C	0959	88	1.0	E
	LVOV	22	0948	0951	1018	N13 W25	4001	11	20.5	30	1N			C	0951	250	3.0	E
0413		22	1018	10217	1029	S08 W34	3994	11	19.9	11	SN					105	1.3	DE
	LVOV	22	1018	1021	1029	S06 W35	3994	11	19.8	11	SN			C	1021	100	1.3	D
	KHAR	22	1028E	1028	1035D	S10 W34	3994	11	19.9	7D	SN			P	1028	110	1.3	E
0414	LVOV	22	1121	1132	1219	S11 W90	3987	11	15.7	58	SN			C	1132	250		D
0415		22	11411	11415	1150	S08 W34	3994	11	19.9	9	SB					58	.7	DZ
	WEND	22	1141	1141	1147	S09 W33	3994	11	20.0	6	SB			C	1141	25	.3	Z
	LVOV	22	1142	1144	1152	S06 W35	3994	11	19.9	10	SN			C	1144	100	1.3	D
	KHAR	22	1142E	1146	1150D	S10 W34	3994	11	19.9	8D	SB			P	1146	50	.6	D
0416		22	1208*	1210*	1225	S08 W34	3994	11	19.9	17	SN M 2.0					79	1.0	D
	WEND	22	1208	1210	1214	S09 W33	3994	11	20.0	6	SN			C	1210	19	.2	
	LVOV	22	1219	1223	1231	S06 W35	3994	11	19.9	12	SN			C	1223	150	1.9	D
	RAMY	22	1224	1226	1231	S10 W33	3994	11	20.0	7	SB M 2.0	3		C		67		
		22	1401		1421	No Flare Patrol												
0417		22	1432	14412	1515	N12 W28	4001	11	20.5	43	SB					70		
	HOLL	22	1422E	1443	1443D	N14 W27	4001	11	20.5	21D	SB		3	C		81		
	RAMY	22	1432	1441	1515	N11 W30	4001	11	20.3	43	SB		3	C		60		
0418		22	1454	1506*	1626D	S11 W35	3994	11	20.0	92D	SB					118		EKZ
	HOLL	22	1454	1506	1626D	S11 W35	3994	11	20.0	92D	SN		3	C		100		K
	HOLL	22	1454	1620	1626D	S11 W35	3994	11	20.0	92D	SB		3	C		135		ZEK
0419	RAMY	22	1514	1817	1826D	S11 W36	3994	11	19.9	192D	1N		3	C		323		F
		22	1633		1809	No Flare Patrol												
		22	1827		1952	No Flare Patrol												
0420	CULG	22	2051	2054	2058	N14 W52	4004	11	18.9	7	SN			C	2054	50	.8	
0421	CULG	22	2055	2057	2120	S20 E52	4000	11	26.8	25	1N			C	2057	120	2.0	FJ
0422	CULG	22	2149	2154	2203	S14 W38	3994	11	20.0	14	1N			C	2154	240	3.1	J
0423		23	01091	0113	0121	S25 E52	4000	11	27.1	12	1F					128	2.2	CJ
	VORO	23	0109	0113	0127	S26 E52	4000	11	27.1	18	1F			C	0113	125	2.3	CJ
	CULG	23	0110	0113	0115	S24 E52	4000	11	27.1	5	1F			C	0113	130	2.2	J
0424		23	0110*	01267	0139	S10 W45	3994	11	19.7	29	SN					45	.7	CDJT
	YUNN	23	0110	0129U	0139	S10 W44	3994	11	19.7	29	SN			P	0129	47	.7	DT
	VORO	23	0124	0126	0142	S10 W45	3994	11	19.7	18	SF			C	0126	54	.8	CJ
	PEKG	23	0128	0133	0137	S09 W45	3994	11	19.7	9	SN			P	0133	34	.5	D
0425		23	02201	02221	0232	S11 W46	3994	11	19.6	12	SN					95	1.4	CDEJK
	VORO	23	0220	0222	0232	S10 W46	3994	11	19.6	12	SN			C	0222	99	1.5	CDJK
	PEKG	23	0221	0223	0229	S09 W45	3994	11	19.7	8	SN			C	0223	59	.9	E
	CULG	23	0221	0223	0229	S13 W46	3994	11	19.6	8	1F			C	0223	150	2.2	J
	PURP	23	0222E	0223	0236	S12 W47	3994	11	19.5	14D	SB			C	0223	73	1.1	
0426		23	0317	03182	0319	S12 W43	3994	11	19.9	2	SN					40	.6	E
	PEKG	23	0317	0318	0319	S10 W43	3994	11	19.9	2	SN			P	0318	55	.8	E
	PURP	23	0320E	0320	0320D	S13 W43	3994	11	19.9	2D	SN			P	0320	26	.4	
0427	PURP	23	0430E	0430	0430D	S13 W44	3994	11	19.9	2D	SF			P	0430	20	.3	

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						Region	Lat	Cmd									Apparent (10-6 Disk)	Corr (Sq Deg)	
0428	PURP	23	0525E	0525	0530	S11	W46	3994	11	19.8	50	SF		P	0525	26	.4		
0429	YUNN	23	0530	0534	0549	S05	W50	4002	11	19.5	19	SN		C		31	.5	DT	
0430	ISTA	23	0710E		0720	S04	W51	4002	11	19.5	100	SF						D	
0431		23	0807	0809	0814	S10	W46	3994	11	19.9	7	SN				47	.7	DT	
	KANZ	23	0807		0812D	S10	W45	3994	11	19.9	50	SN	2						
	YUNN	23	0807	0809	0814	S09	W47	3994	11	19.8	7	SN		C		47	.7	DT	
0432	LEAR	23	0821	0826	0829	N13	W82	4003	11	17.2	8	SF	3	C					
0433		23	0822	08265	0835	S04	W51	4002	11	19.5	13	SN				31	.5	DT	
	YUNN	23	0822	0826	0830	S04	W51	4002	11	19.5	8	SN		C		31	.5	DT	
	KANZ	23	0831E	0831	0840	S05	W51	4002	11	19.5	90	SF	2						
0434		23	09151	09241	0936	S04	W53	4002	11	19.4	21	SN				31	.5	ET	
	YUNN	23	0915	0924	0931	S04	W53	4002	11	19.4	16	SN		C		31	.5	ET	
	KANZ	23	0916	0925	0941	S05	W53	4002	11	19.4	25	SN	2						
0435		23	09437	0943*	0953	S10	W47	3994	11	19.9	10	SN						D	
	KANZ	23	0943	0943	0948	S08	W48	3994	11	19.8	5	SF	3						
	KANZ	23	0948	0950	0955	S11	W47	3994	11	19.9	7	SB	3						
	KAND	23	0950	0953	0955	S12	W47	3994	11	19.9	5	SB		C				D	
0436	KANZ	23	1018	1018	1025	S10	W51	3994	11	19.6	7	SF	3						
0437	KANZ	23	1041	1043	1048	S22	E43	4000	11	26.7	7	SF	3						
0438	LVOV	23	1047	1049	1103	S05	W37	4001B	11	20.7	16	SN		C	1049	100	1.5	D	
0439	LVOV	23	1107	1117	1133	N02	W55		11	19.3	26	1N		C	1117	150	2.7	D	
0440		23	11099	1120	1132	S06	W54	3994	11	19.4	23	1N				150	2.9	DF	
	KANZ	23	1109	1120	1134	S08	W50	3994	11	19.7	25	1N	3					F	
	LVOV	23	1118	1120	1131	S04	W57	3994	11	19.2	13	1F		C	1120	150	2.9	D	
0441		23	11371	11421	1149	S08	W52	3994	11	19.6	12	1N				200	3.3	D	
	LVOV	23	1137	1142	1148	S05	W52	3994	11	19.6	11	1N		C	1142	200	3.3	D	
	KANZ	23	1138	1143	1150	S10	W51	3994	11	19.6	12	SN	3						
0442		23	1220*	1243	1244	S10	W48	3994	11	19.9	24	SN						FKZ	
	KANZ	23	1220		1238	S10	W49	3994	11	19.8	18	SN	3					FK	
	KANZ	23	1241	1243	1250	S11	W47	3994	11	20.0	9	SN	3					Z	
0443		23	1317	13204	1327	S12	W46	3994	11	20.1	10	1B				143	2.3		
	KANZ	23	1317	1320	1324	S11	W48	3994	11	19.9	7	SN	3						
	ATHN	23	1322E	1324	1330	S13	W43	3994	11	20.3	80	1B	2	V	1324	143	2.3		
0444	KANZ	23	1345	1352	1355	N10	W45	4001	11	20.2	10	SN	3						
0445	KANZ	23	1345	1355	1402	S13	W46	3994	11	20.1	17	SN	3						
		23	1403		1947	No Flare Patrol													
0446	CULG	23	2019	2027	2052	S14	W54	3994	11	19.8	33	SN		C	2027	70	1.2	FJ	
		23	2146		2151	No Flare Patrol													
0447		23	23581	24001	2403	S12	W55	3994	11	19.8	5	SN	C 4.4			90	1.8	DEJ	
	CULG	23	2358	2400	2402	S13	W56	3994	11	19.8	4	SN		C	2400	60	1.1	J	
	MITK	23	2359	2400	2403	S12	W55	3994	11	19.8	4	1N		C	2400	130	2.5	D	
	LEAR	23	2359	2401	2404	S11	W55	3994	11	19.9	5	SB	C 4.4	3	C	79		E	
0448	LEAR	24	0113	0117	0131	S09	W58	3994	11	19.7	18	SN	3	C		27		FH	
0449	LEAR	24	0116	0117	0123	N11	W50	4001	11	20.3	7	SF	3	C		23			

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						Lat	CMD	Region								(10-6 Disk)	Corr (Sq Deg)	
0450		24	0144*	0204	0216	S24	E35	4000	11	26.8	32	SF				68	1.1	F
	CULG	24	0144	0204	0222	S21	E36	4000	11	26.8	38	SF		C	0204	140	1.8	
	PURP	24	0159	0204	0216	S26	E36	4000	11	26.9	17	SN		C	0204	26	.4	
	LEAR	24	0205E	0205U	0210	S24	E34	4000	11	26.7	50	SF	3	C		37		F
0451		24	0214*	0219*	0234	S16	W46	3994	11	20.6	20	SN				48	.8	EFK
	CULG	24	0214	0219	0232	S17	W45	3994	11	20.7	18	SF		C	0219	70	1.1	FK
	PURP	24	0226	0229	0236	S14	W46	3994	11	20.6	10	SN		C	0229	26	.4	E
0452		24	0227	0231	0234	S08	W62	4002	11	19.4	7	SN				28	.7	
	LEAR	24	0227	0231	0232	S08	W61	4002	11	19.5	5	SN	3	C		24		
	PURP	24	0231E	0231	0236	S08	W62	4002	11	19.4	50	SN		P	0231	33	.7	
0453	LEAR	24	0312	0313	0319	N11	W52	4001	11	20.2	7	SF	3	C		23		
0454		24	03523	03561	0400	S12	W59	3994	11	19.7	8	SN				33	.7	D
	PEKG	24	0352	0357	0401	S12	W59	3994	11	19.7	9	SN		C	0357	46	1.0	D
	PURP	24	0355	0356	0358	S11	W59	3994	11	19.7	3	SN		C	0356	20	.4	
0455		24	04445	04468	0504	S16	W63	3994	11	19.4	20	SN C 5.0				65	1.8	EF
	LEAR	24	0444	0446	0504	S17	W64	3994	11	19.3	20	SN C 5.0	3	C		54		F
	PEKG	24	0449	0454	0503	S14	W62	3994	11	19.5	14	SN		P	0454	76	1.8	E
0456	LEAR	24	0533	0533	0540	S28	E33	4000	11	26.8	7	SF	3	C		23		F
0457		24	05496	0556	0603	S10	W57	3994	11	19.9	14	SN				46	.8	DE
	PEKG	24	0549	0556	0607	S10	W52	3994	11	20.3	18	SN		P	0556	59	1.0	E
	PEKG	24	0555	0556	0559	S09	W62	3994	11	19.6	4	SN		P	0556	34	.7	D
0458		24	0550	0553*	0657D	N09	W53	4001	11	20.3	67D	1B				124	4.0	E
	LEAR	24	0550	0553	0600D	N09	W52	4001	11	20.3	100	SN	3	C		26		
	TACH	24	0603E	0606	0657D	N09	W54	4001	11	20.2	54D	1B		C	0606	221	4.0	E
0459	RAMY	24	1704	1706	1855	S11	W62	3994	11	20.0	111	SN	3	C		23		
0460	RAMY	24	1810	1810	1822	N11	W58	4001	11	20.4	12	SF	3	C		27		
0461	RAMY	24	1835	1843	1850	N11	W60	4001	11	20.3	15	SF	3	C		32		
0462	RAMY	24	1858	1907	1910D	S24	E24	4000	11	26.6	12D	SN	3	C		24		
		24	1911		2002	No Flare Patrol												
0463	CULG	24	2125	2127	2135	S14	W72	3994	11	19.4	10	SB		C	2127	20		
0464	LEAR	24	2244	2244	2251	S27	E23	4000	11	26.7	7	SF	3	C		22		F
0465		24	23041	23061	2322	N12	W06	3998	11	24.5	18	SN				50	.6	
	CULG	24	2304	2307	2320	N12	W05	3998	11	24.6	16	SF		C	2307	60	.6	
	LEAR	24	2305	2306	2323	N11	W07	3998	11	24.4	18	SN	3	C		41		
0466	LEAR	24	2304	2304	2310	S10	W70	3994	11	19.7	6	SF C 5.9	3	C		12		
0467		25	00191	00211	0030	S10	W77	3994	11	19.2	11	1N C 8.6				81		CJ
	VORO	25	0019	0021	0029	S10	W83	3994	11	18.8	10	1F		C	0021	81		CJ
	LEAR	25	0020	0022	0032	S11	W71	3994	11	19.7	12	SN C 8.6	3	C				
0468		25	00353	00382	0046	S23	E23	4000	11	26.8	11	SF				57	.8	CFJ
	CULG	25	0035	0038	0043	S21	E23	4000	11	26.8	8	SF		C	0038	100	1.2	
	LEAR	25	0038	0038	0048	S24	E22	4000	11	26.7	10	SF	3	C		36		F
	VORO	25	0038	0040	0048	S24	E23	4000	11	26.8	10	SF		C	0039	36	.4	CJ
0469		25	01241	01251	0132	S12	W74	3994	11	19.5	8	SB M 1.3				20		EF
	CULG	25	0124	0125	0130	S14	W75	3994	11	19.4	6	SB		C	0125	20		
	LEAR	25	0125	0126	0134	S11	W72	3994	11	19.6	9	SB M 1.3	3	C				FE
0470	PEKG	25	0214E	0214	0220D	N12	W79	4004	11	19.1	6D	1N		P	0214	76		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 (10-6 Disk)	Corr (Sq Deg)		
0471	LEAR	25	0305	0310	0314	N11	W60	4001	11	20.6	9	SF		3	C		23		F	
0472	LEAR	25	0327	0328	0339	S10	W67	3994	11	20.1	12	SN		3	C		20			
0473		25	0337	03401	0348	S24	E21	4000	11	26.8	11	SN					50	.8	F	
	LEAR	25	0337	0340	0353	S25	E21	4000	11	26.8	16	SF		3	C		31		F	
	CULG	25	0337	0341	0344	S22	E21	4000	11	26.8	7	SN			C	0341	70	.8		
0474		25	04141	0416	0427	S11	W76	3994	11	19.4	13	1B	M 2.4				77		EF	
	CULG	25	0414	0416	0422	S14	W76	3994	11	19.4	8	1B			C	0416	70			
	LEAR	25	0415	0416	0435	S10	W75	3994	11	19.5	20	1B	M 2.4	3	C				FE	
	PEKG	25	0415E	0417U	0424	S10	W76	3994	11	19.5	9D	1N			P	0417	84		E	
0475	LEAR	25	0515	0515	0518	S12	W73	3994	11	19.7	3	SF		3	C					
0476	LEAR	25	0611	0613	0621	N11	W66	4001	11	20.3	10	SF		3	C		16			
0477		25	0656*	07228	0738	S25	E20	4000	11	26.8	42	SN	C 3.8				130	1.4	EFK	
	CULG	25	0656	0726	0742	S23	E20	4000	11	26.8	46	SN			C	0726	130	1.5	K	
	CATA	25	0700	0730	0740D	S27	E21	4000	11	26.9	40D	S		1	P	0730	84	1.1		
	CATA	25	0700	0730	0740D	S23	E18	4000	11	26.7	40D	S		1	P	0730	140	1.7		
	LEAR	25	0714	0728	0748	S24	E19	4000	11	26.8	34	1N	C 3.8	3	C		204		F	
	KAND	25	0720E	0722	0728	S27	E23	4000	11	27.1	8D	SN			C					
	YUNN	25	0720E	0730U	0730D	S25	E18	4000	11	26.7	10D	SN			P	0730	94	1.1	F	
	KAND	25	0726	0728	0734	S24	E19	4000	11	26.8	8	SN			C				E	
0478	KANZ	25	1047	1047	1053	S12	W79	3994	11	19.5	6	SB		3						
0479	KANZ	25	1110	1113	1117	N11	W11	3998	11	24.6	7	SF		3						
0480	KANZ	25	1113	1117	1120	S10	W81	3994	11	19.4	7	SF		3						
0481	KANZ	25	1203	1223	1239	N10	W12	3998	11	24.6	36	SF		3						
0482	KANZ	25	1309	1322	1325	S12	W79	3994	11	19.6	16	SF		3						
			1401		1518			No Flare Patrol												
			1628		1726			No Flare Patrol												
			1746		2036			No Flare Patrol												
			2117		2122			No Flare Patrol												
			2133		2142			No Flare Patrol												
			2154		2202			No Flare Patrol												
			2216		2221			No Flare Patrol												
0483	VORO	26	0022	0022	0026	S06	W89	3994	11	19.3	4	1F			C	0022	72		CJ	
0484		26	0207	02122	0226	N10	W78	4001	11	20.2	19	1N					98		EF	
	CULG	26	0207	0212	0227	N09	W81	4001	11	20.0	20	1N			C	0212	120			
	LEAR	26	0207	0213	0225	N10	W75	4001	11	20.4	18	SN		3	C				F	
	PEKG	26	0214E	0214	0220D	N12	W79	4001	11	20.1	6D	1N			P	0214	76		E	
0485	VORO	26	0210	0213	0222D	S10	W88	3994	11	19.5	12D	2F			C	0213	116		CJ	
0486		26	0230*	0236*	0419	S12	W87	3994	11	19.5	109	1N	X 4.5				135		CEFJKUY	
	LEAR	26	0230	0236	0408	S12	W84	3994	11	19.8	98	SN	X 4.5	3	C				UF	
	CULG	26	0231	0236	0419	S14	W87	3994	11	19.5	108	1B			C	0236	140		Y	
	PEKG	26	0232	0254	0425	S10	W88	3994	11	19.5	113	1N			C	0254	84		EK	
	PEKG	26	0232	0315U	0425	S11	W89	3994	11	19.4	113	2B			C	0315	181		E	
	VORO	26	0242	0243	0247D	S12	W89	3994	11	19.4	5D	SF			C	0243	134		CJ	
0487	VORO	26	0232	0237	0250D	N12	W89	4001	11	19.4	18D	1F			C	0237	45		CDJ	
0488	LEAR	26	0319	0321	0332	S22	E09	4000	11	26.8	13	SF		3	C		88		F	
0489		26	04461	04484	0532	S26	E08	4009	11	26.8	46	1N					110	2.1	EF	
	MITK	26	0446	0452	0532	S26	E08	4009	11	26.8	46	1F			C	0452	180	2.1	E	
	LEAR	26	0447	0448	0507D	S27	E09	4009	11	26.9	20D	SN		3	C		40		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)	
0490	KAND	26	0655		1242	S09	W90	3994	11	19.5	347				P				Y
0491	CATA	26	0855	0855	0900D	S09	E85	4005	12	2.7	5D	1		1	P	0855	68		
0492	YUNN	26	0920	0922	0930	S10	E80	4005	12	2.4	10	SN			P		16		
0493	KAND	26	1232	1235	1241	N13	W20	3998	11	25.0	9	SN			P				
0494	RAMY	26	1534	1535	1551	N09	W26	3998	11	24.7	17	SF		3	C		29		
0495	RAMY	26	1630	1630	1651D	S31	E03	4009	11	26.9	21D	SF		3	C		42		
			26 1643		1649														No Flare Patrol
			26 1745		1802														No Flare Patrol
			26 1928		1948														No Flare Patrol
0496		26	2025*	2042*	2137	S27	W11	4000	11	26.0	72	1F	C	8.0			372	3.8	FI
	CULG	26	2025	2042	2137	S28	W13	4000	11	25.8	72	1N			P	2042	320	3.8	FI
	RAMY	26	2038	2049	2049D	S26	W13	4000	11	25.8	11D	1F	C	8.0	3	C	409		
	RAMY	26	2052	2052	2103D	S26	W08	4000	11	26.2	11D	1F			3	C	388		
			26 2104		2116														No Flare Patrol
			26 2149		2154														No Flare Patrol
0497	VORO	27	0144	0146	0152	S28	W04	4009	11	26.7	8	SF			C	0146	63	.7	CJ
0498	LEAR	27	0208	0209	0229	S08	E71	4005	12	2.4	21	SF	C	2.5	3	C	32		F
0499	ABST	27	0726E	0733	0744	S10	E74	4005	12	2.9	18D	1F			P	0733	79		DJ
0500	KAND	27	0813	0817	0822	S20	E54	4008	12	1.5	9	SF			C				
			27 0908		1602														No Flare Patrol
			27 1630		1650														No Flare Patrol
			27 1734		1754														No Flare Patrol
			27 1825		1836														No Flare Patrol
0501	HOLL	27	2216	2220	2236D	S14	E43	4007	12	1.2	20D	SF	C	2.9	3	C	34		F
0502	MANI	27	2336	2336U	2343D	S23	E45	4008	12	1.4	7D	SN		1	V		80	1.3	EF
0503	LEAR	27	2353	2353	2405	S13	E44	4007	12	1.3	12	SN		3	C		21		F
0504	VORO	28	0038	0041	0050	S12	E42	4007	12	1.2	12	SF			C	0041	90	1.3	CJ
0505		28	0148	0153	0204	S12	E42	4007	12	1.2	16	SN					49	.8	CEFJT
	VORO	28	0148	0153	0205	S12	E42	4007	12	1.2	17	SF			C	0153	67	1.0	CFJ
	YUNN	28	0156E	0156U	0202	S13	E42	4007	12	1.2	6D	SN			P	0156	31	.5	ET
0506	YUNN	28	0250	0251	0300	S13	E42	4007	12	1.3	10	SN			C		47	.7	T
0507		28	0317	0321	0340	S14	E40	4007	12	1.1	23	SN	C	2.2			52	.9	EFT
	LEAR	28	0317	0321	0342	S14	E40	4007	12	1.1	25	SN	C	2.2	3	C	42		F
	YUNN	28	0317	0322	0337	S13	E41	4007	12	1.2	20	SN			C		63	.9	ET
0508		28	0402I	0404E	0445	S13	E43	4007	12	1.4	43	SB	C	7.4			135	1.8	EFT
	YUNN	28	0400E	0409	0443	S13	E43	4007	12	1.4	43D	SB			P		126	1.8	FT
	LEAR	28	0402	0404	0450	S14	E43	4007	12	1.4	48	SB	C	7.4	3	C	150		FE
	CULG	28	0402	0406	0436D	S12	E44	4007	12	1.5	34D	SN			P	0406	130	1.8	F
	MITK	28	0403	0405	0443	S13	E43	4007	12	1.4	40	SN			C	0405			E
0509		28	0520	0524	0542	S13	E39	4007	12	1.2	22	SN					157	2.4	BDEFK
	CULG	28	0520	0524	0538	S12	E40	4007	12	1.2	18	SN			C	0524	120	1.5	FK
	LEAR	28	0528E	0528U	0545	S13	E39	4007	12	1.2	17D	SB			3	C	104		FE
	TACH	28	0528E	0528	0634D	S14	E38	4007	12	1.1	66D	1N			C	0528	248	3.4	BD
0510		28	0558	0559	0609	S11	E58	4005	12	2.6	11	1N	C	1.8			96	3.3	D
	TACH	28	0556E	0559	0626D	S11	E58	4005	12	2.6	30D	1N			C	0559	159	3.3	D
	LEAR	28	0558	0602	0609	S11	E58	4005	12	2.6	11	SN	C	1.8	3	C	32		

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0511	LEAR	28	0559	0602	0634	S13	E39	4007	12	1.2	35	SF		3	C		42		
0512		28	07233	07317	0750	S14	E38	4007	12	1.2	27	SF					72	1.4	DJ
	ABST	28	0723	0731	0758D	S14	E39	4007	12	1.2	35D	SF		P	0731	105	1.4	DJ	
	LEAR	28	0726	0738	0750	S13	E38	4007	12	1.2	24	SF		3	C		39		
0513	ABST	28	0732	0745	0758D	S13	E59	4005	12	2.8	26D	SF		P	0745	79	1.6	DJ	
0514	LEAR	28	0815	0827	0900	S23	W21	4000	11	26.7	45	SF	C 2.1	3	C		180		F
0515	LEAR	28	0918	0918	0929	S11	E56	4005	12	2.6	11	SF	C 1.5	3	C		19		
		28	0944		1055	No Flare Patrol													
0516	LVOV	28	1102	1112	1120	S11	E57	4005	12	2.7	18	1F			C	1112	250	4.9	D
0517	LVOV	28	1135	1144	1157	S13	E36	4007	12	1.2	22	1F			C	1144	200	2.6	D
		28	1232		1303	No Flare Patrol													
		28	1346		1400	No Flare Patrol													
0518	HOLL	28	1448	1448	1457	S23	W24	4000	11	26.8	9	SF		3	C		23		F
0519		28	14487	14507	1500	S14	E35	4007	12	1.3	12	SN	C 2.1				32		
	RAMY	28	1448	1450	1454	S14	E35	4007	12	1.3	6	SN	C 2.1	3	C		33		
	RAMY	28	1455	1457	1506	S13	E35	4007	12	1.3	11	SN		3	C		30		
0520	HOLL	28	1633	1718	1735	S14	E32	4007	12	1.1	62	SB	C 2.0	3	C		104		E
0521		28	16381	1646*	1746	N14	W54	3998	11	24.6	68	SN	C 3.6				76		F
	HOLL	28	1638	1646	1751	N14	W54	3998	11	24.6	73	SN	C 3.6	3	C		73		F
	RAMY	28	1639	1709	1740	N14	W55	3998	11	24.5	61	SF		3	C		78		F
0522	HOLL	28	1746	1746	1750	S14	E35	4007	12	1.4	4	SN		3	C		30		F
0523	HOLL	28	1829	1829	1837	S23	W26	4000	11	26.8	8	SN		3	C		22		F
0524	RAMY	28	1901E		1903D	S12	E32	4007	12	1.2	2D	SF		3	C		32		
0525	CULG	28	2005E	2005U	2036	S12	E32	4007	12	1.2	31D	SN		P	2005	150	1.8	B	
0526		28	2016	2048*	2238	S12	E50	4005	12	2.6	142	SB					68		EK
	HOLL	28	2016	2048	2238	S12	E50	4005	12	2.6	142	SB		3	C		97		EK
	HOLL	28	2016	2156	2238	S12	E50	4005	12	2.6	142	SN		3	C		40		K
0527	CULG	28	2126E	2127	2128	S13	E29	4007	12	1.1	2D	SN		P	2127	40	.4		
0528	HOLL	28	2207	2221	2231	S14	E31	4007	12	1.3	24	SN		3	C		44		F
0529	LEAR	28	2242	2242	2256	S24	W28	4000	11	26.8	14	SF		3	C		22		
0530		28	23061	23072	2329	S13	E29	4007	12	1.1	23	SN	C 2.7				43	.4	EF
	LEAR	28	2306	2307	2345	S14	E30	4007	12	1.2	39	SB	C 2.7	3	C		49		FE
	CULG	28	2307	2308	2313	S12	E29	4007	12	1.1	6	SN			C	2308	40	.4	
	MANI	28	2307	2309	2317D	S13	E27	4007	12	1.0	10D	SN		1	V		40	.5	FE
0531	LEAR	28	2344	2348	2354	S11	E49	4005	12	2.7	10	SF		3	C		35		
0532		29	00131	00162	0023	S10	E48	4005	12	2.6	10	SN					22	.3	F
	LEAR	29	0013	0018	0023	S10	E47	4005	12	2.5	10	SN		3	C		25		F
	MANI	29	0014	0016	0020D	S10	E48	4005	12	2.6	6D	SN		1	V		20	.3	F
0533	LEAR	29	0126	0128	0135	S11	E46	4005	12	2.5	9	SF		3	C		30		
0534	YUNN	29	0135	0136	0138	S14	E30	4007	12	1.3	3	SN			C		47	.6	T
0535		29	0146	01461	0201	S11	E45	4005	12	2.4	15	SF					24	.4	
	LEAR	29	0146	0146	0201	S11	E45	4005	12	2.4	15	SF		3	C		22		
	MANI	29	0147E	0147	0158D	S11	E45	4005	12	2.4	11D	SF		1	V		25	.4	

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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)		
0536		29	01582	02028	0224	S13	E27	4007	12	1.1	26	SN	C	3.3			61	.7	DF	
	PEKG	29	0158	0210	0223	S13	E27	4007	12	1.1	25	SN			C	0210	67	.8	D	
	LEAR	29	0200	0202	0226	S14	E27	4007	12	1.1	26	SN	C	3.3	3	C	65		F	
	MANI	29	0202E	0203	0224D	S13	E27	4007	12	1.1	22D	SN			1	V	50	.6	F	
0537	PEKG	29	0242	0302	0302D	S15	E32	4007	12	1.5	200	SN			P	0302	55	.7	D	
0538	CULG	29	0335E	0344U	0349	S13	E26	4007	12	1.1	14D	SN			P	0344	80	.8	K	
0539		29	0430*	0442*	0506	S12	E47	4005	12	2.7	36	SN	C	1.4			58	1.2	E	
	PEKG	29	0430	0455	0510	S12	E47	4005	12	2.7	40	SN			C	0455	76	1.2	E	
	LEAR	29	0440	0442	0502	S11	E47	4005	12	2.7	22	SF	C	1.4	3	C	39			
0540		29	0525	0526*	0606	S23	W32	4000	11	26.7	41	SF	C	1.3			48		FK	
	LEAR	29	0525	0526	0606	S23	W32	4000	11	26.7	41	SF			3	C	20		K	
	LEAR	29	0525	0539	0606	S23	W32	4000	11	26.7	41	SF	C	1.3	3	C	75		FK	
0541		29	0532*	0532*	0557	S13	E25	4007	12	1.1	25	SF					75	.9	DEV	
	ABST	29	0532	0532	0534D	S13	E25	4007	12	1.1	2D	SF			P	0532	87	1.0	DV	
	PEKG	29	0545	0550	0600	S13	E25	4007	12	1.1	15	SF			C	0550	50	.6	E	
	ABST	29	0546E	0549	0554	S14	E24	4007	12	1.0	8D	SF			P	0549	87	1.0	D	
0542		29	06404	0646*	0732	S16	E29	4007	12	1.5	52	SF					72	.9	DFK	
	PEKG	29	0640	0656	0720	S16	E30	4007	12	1.5	40	SF			C	0656	21	.3	D	
	ABST	29	0644	0646	0743	S15	E28	4007	12	1.4	59	SF			P	0646	122	1.5	FK	
		29	0804		0808															No Flare Patrol
	29	0813		0817																No Flare Patrol
	29	0819		0836																No Flare Patrol
	29	0846		0901																No Flare Patrol
	29	0906		0919																No Flare Patrol
	29	0936		1044																No Flare Patrol
	29	1116		1134																No Flare Patrol
0543	CATA	29	1150	1200	1220	S19	E28	4007A	12	1.6	30	1		2	C	1200	169	2.1		
0544	HOLL	29	1411	1412	1437	N11	E90	4010	12	6.4	26	SN	C	8.6	2	C				
			1713		1819															
		29	1824		1854															No Flare Patrol
0545	CULG	29	2101	2107	2120	S12	E17	4007	12	1.1	19	SN			C	2107	170	1.8		
0546	LEAR	29	2323	2324	2356	S13	E32	4005	12	2.4	33	SN		3	C		55		F	
0547	LEAR	29	2335	2340	2419	S18	E24	4007A	12	1.8	44	SF	C	3.2	3	C		112		F
0548		29	2359	24072	2428	S22	E34	4008	12	2.6	29	SF					91	1.1	F	
	LEAR	29	2359	2409	2428	S22	E34	4008	12	2.6	29	SF		3	C		102		F	
	MANI	30	0001E	0007	0025D	S23	E34	4008	12	2.6	24D	SF		1	V		80	1.1	F	
0549		30	0025	0028*	0050	S15	E17	4007	12	1.3	25	SN					105	1.2	EFT	
	YUNN	30	0025	0028	0040	S14	E19	4007	12	1.4	15	SN			C		79	.9	ET	
	PURP	30	0032E	0035	0046	S15	E15	4007	12	1.1	14D	SF			C	0035	60	.7		
	PEKG	30	0043E	0043	0105	S15	E18	4007	12	1.4	22D	SN			P	0043	176	2.0	F	
0550	PURP	30	0032E	0035	0046	S19	E23	4007A	12	1.8	14D	SF			C	0035	53	.6		
0551		30	00461	00471	0102	S12	E35	4005	12	2.7	16	SF					94	1.4	F	
	PEKG	30	0046	0048	0109	S11	E35	4005	12	2.7	23	1N			C	0048	168	2.2	F	
	LEAR	30	0047	0047	0055	S12	E35	4005	12	2.7	8	SF		3	C		65			
	MANI	30	0047E	0047	0055D	S12	E36	4005	12	2.7	8D	SF		1	V		50	.7		
0552	LEAR	30	0136	0139	0143	S09	E33	4005	12	2.5	7	SF		3	C		25			
0553	PURP	30	0225	0237	0321	S09	E34	4005	12	2.6	56	SN			C	0237	46	.6		
0554		30	03191	03216	0354	S13	E14	4007	12	1.2	35	SN					74	.8	EFT	
	LEAR	30	0319	0327	0350	S13	E15	4007	12	1.3	31	SF		3	C		82		F	
	PURP	30	0320	0321	0359	S14	E13	4007	12	1.1	39	SN			C	0321	93	1.0		
	YUNN	30	0320	0322	0332D	S12	E13	4007	12	1.1	12D	SN			P		47	.5	ET	

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																	Apparent (10-6 Disk)	Corr (Sq Deg)		
0555		30	04075	04112	0424	S08	E32	4005	12	2.6	17	SN	C	2.3			106	1.4	EF	
	MITK	30	0407	0411	0425	S08	E32	4005	12	2.6	18	SN			C	0411			E	
	CULG	30	0411	0413	0428	S07	E32	4005	12	2.6	17	SF			C	0413	150	1.8	F	
	PURP	30	0412E	0412	0421	S09	E33	4005	12	2.6	9D	SN			C	0412	86	1.1		
	LEAR	30	0412	0413	0422	S09	E32	4005	12	2.6	10	SN	C	2.3	3	C		83		F
0556	LEAR	30	0446	0448	0459	S12	E12	4007	12	1.1	13	SF					94		F	
0557		30	05484	0600*	0713	S14	E14	4007	12	1.3	85	SF	C	1.2			112	.9	DF	
	ABST	30	0548	0600	0638D	S14	E14	4007	12	1.3	50D	SF			P	0600	87	.9	D	
	LEAR	30	0552	0616	0713	S14	E14	4007	12	1.3	81	SF	C	1.2	2	C		138		F
0558	CULG	30	0605	0609	0616	S19	E04	4009B	11	30.5	11	SF				0609	50	.5		
0559		30	0629	06421	0726D	S19	E19	4007A	12	1.7	57D	SN					102	1.2	EF	
	ABST	30	0629	0642	0726D	S19	E18	4007A	12	1.6	57D	SF			P	0642	131	1.5	F	
	PURP	30	0643E	0643	0703D	S19	E20	4007A	12	1.8	20D	SB			C	0643	73	.9	E	
0560	LEAR	30	0725	0730	0739	S12	E10	4007	12	1.1	14	SN					54		F	
0561		30	0734	0735*	0750	N08	E89	4012C	12	7.0	16	2N					160		ADJV	
	ABST	30	0734	0735	0746	N09	E90	4012C	12	7.1	12	1F			C	0735	131		ADJV	
	YUNN	30	0744E	0745	0755	N08	E88	4012C	12	6.9	11D	2N			P		189		A	
0562		30	0857	0859	0906	S14	E26	4005	12	2.3	9	SN					106	1.1	EF	
	LEAR	30	0857	0859	0909	S14	E27	4005	12	2.4	12	SF			2	C	118		F	
	YUNN	30	0858E	0858U	0902	S13	E25	4005	12	2.2	4D	SB			P	0858	94	1.1	E	
		30	0946		1300	No Flare Patrol														
		30	1628		1637	No Flare Patrol														
		30	1642		1653	No Flare Patrol														
0563	RAMY	30	1655	1711	1726	S10	E24	4005	12	2.5	31	SF					41			
0564		30	17422	1746	1800	S20	E10	4007A	12	1.5	18	SF					62		U	
	RAMY	30	1742	1746	1800	S19	E11	4007A	12	1.6	18	SF			3	C	102		U	
	HOLL	30	1744	1746	1759	S20	E09	4007A	12	1.4	15	SF			3	C	23		U	
		30	1811		1859	No Flare Patrol														
		30	1903		1908	No Flare Patrol														
		30	1919		1937	No Flare Patrol														
		30	2025		2235	No Flare Patrol														
0565	LEAR	30	2324	2327	2403	S12	E23	4005	12	2.7	39	SF					104		F	

"Remarks":

- | | |
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| <p>A = Eruptive prominence whose base is less than 90° from central meridian.
 B = Probably the end of a more important flare.
 C = Invisible 10 minutes before.
 D = Brilliant point.
 E = Two or more brilliant points.
 F = Several eruptive centers.
 G = No visible spots in the neighborhood.
 H = Flare accompanied by high-speed dark filament.
 I = Active region very extended.
 J = Distinct variations of plage intensity before or after the flare.
 K = Several intensity maxima.
 L = Existing filaments show signs of sudden activity.
 M = White-light flare.
 N = Continuous spectrum shows effects of polarization.</p> | <p>O = Observations have been made in the H and K lines of Ca II.
 P = Flare shows helium D3 in emission.
 Q = Flare shows Balmer continuum in emission.
 R = Marked asymmetry in H-alpha line suggests ejection of high-velocity material.
 S = Brightness follows disappearance of filament in same position.
 T = Region active all day.
 U = Two bright branches, parallel or converging.
 V = Occurrence of an explosive phase: important, expansion within roughly 1 minute that often includes a significant intensity increase.
 W = Great increase in area after time of maximum intensity.
 X = Unusually wide H-alpha line.
 Y = System of loop-type prominences.
 Z = Major sunspot umbra covered by flare.</p> |
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