

H - ALPHA SOLAR FLARES

JANUARY 1982

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Area Measurement			Remarks
																Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0001	PURP	01	0044E	0045	0059	N24	E35	3531	01	3.7	15D	SN			P	0045	118	1.6	
0002	CULG	01	0046E	0046U	0104D	N12	E48	3537	01	4.6	18D	SF			P	0046	100	1.5	
0003	CULG	01	0055	0057	0105D	N16	W15	3530	12	31.0	10D	1N			P	0057	80		
0004		01	0059	01001	0116	N18	W74	3522	12	26.5	17	1N					79	1.8	F
	PURP	01	0059	0100	0116	N19	W74	3522	12	26.5	17	1B			C	0100	78		
	MANI	01	0100E	0101	0115D	N17	W73	3522	12	26.6	15D	SF	1		V		80	1.8	F
0005		01	0128	0139	0205	N18	W74	3522	12	26.5	37	1N					48		D
	CULG	01	0128	0139	0205	N19	W73	3522	12	26.6	37	1N			C	0139	80		
	YUNN	01	0156E	0156U	0157D	N18	W76	3522	12	26.4	1D	SN			P	0156	16		D
0006		01	03107	03221	0350	N20	W19	3530	12	30.8	40	SN					51	.6	E
	CULG	01	0310	0323	0400	N19	W20	3530	12	30.7	50	SN			C	0323	70	.8	
	YUNN	01	0317	0322	0341	N20	W18	3530	12	30.9	24	SN			C		32	.4	E
0007	CULG	01	0316	0323	0334	N06	E09	3533	01	1.8	18	SN			C	0323	50	.5	
0008		01	04133	04161	0427	N20	E34	3536	01	3.8	14	SN					67	1.0	EFJW
	CULG	01	0413	0416	0425	N22	E36	3536	01	3.9	12	SN			C	0416	80	1.1	J
	YUNN	01	0414	0417	0417D	N20	E35	3536	01	3.8	3D	SN			P		64	.9	EW
	LEAR	01	0416	0417	0429	N19	E32	3536	01	3.6	13	SF	3		C		56		F
0009		01	0435	0437	0502	N22	E33	3536	01	3.7	27	1N					130	2.1	FJT
	CULG	01	0434U	0441U	0506	N23	E34	3536	01	3.8	32U	1N			P	0441	160	2.1	JT
	LEAR	01	0435	0437	0459	N21	E32	3536	01	3.6	24	SF	3		C		100		F
0010	CULG	01	0445	0450	0503	N19	W74	3522	12	26.6	18	SF			C	0450	40		
0011		01	05331	05361	0555	N22	E32	3536	01	3.7	22	SN					42	.4	F
	YUNN	01	0533	0537	0556	N22	E33	3536	01	3.8	23	SN			C		32	.4	
	LEAR	01	0534	0536	0554	N21	E31	3536	01	3.6	20	SF	3		C		51		F
0012		01	1401	1407*	1455	N25	E24	3531	01	3.4	54	SF					63		K
	RAMY	01	1401	1407	1455	N25	E24	3531	01	3.4	54	SF	3		C		42		K
	RAMY	01	1401	1421	1455	N25	E24	3531	01	3.4	54	SF	3		C		84		K
0013	RAMY	01	1455	1459	1506	N21	W77	3522	12	26.8	11	SF	3		C				
0014	RAMY	01	1625	1625	1633	N10	E36	3537	01	4.4	8	SF	3		C		25		
0015	RAMY	01	1651	1655	1753	N24	E22	3531	01	3.4	62	SF	3		C		79		
0016		01	1750	1750*	1838	N21	E33	3536	01	4.3	48	SN					31		K
	RAMY	01	1750	1750	1838	N21	E33	3536	01	4.3	48	SF	3		C		23		K
	RAMY	01	1750	1801	1838	N21	E33	3536	01	4.3	48	SN	3		C		39		K
0017	RAMY	01	1831	1854	1859	N21	E24	3531	01	3.6	28	SF	3		C		20		
0018	PALE	01	1932	1935	1942	N21	E16	3531	01	3.0	10	SF	3		C		24		
0019	PALE	01	1938	1938	1948	N22	E31	3536	01	4.2	10	SF	3		C		25		
0020		01	2050*	2114	2141	N22	E30	3536	01	4.2	51	SN					50	1.1	JK
	CULG	01	2050	2114	2200	N23	E31	3536	01	4.2	70	SN			C	2114	80	1.1	JK
	PALE	01	2113	2114	2122	N21	E30	3536	01	4.2	9	SF	3		C		19		
		01	2224		2229	No Flare Patrol													
0021	CULG	02	0027	0038	0100	N23	E13	3531	01	3.0	33	1F			C	0038	180	2.0	JK
0022	YUNN	02	0128	0131	0139	S17	W73	3532	12	27.6	11	SN			C		16		D
0023	YUNN	02	0131	0135	0147	S21	W63	3520	12	28.3	16	SN			C		16	.4	DG
0024	CULG	02	0211	0215	0250	S18	E43	3535	01	5.4	39	1F			C	0215	170	2.4	I
0025		02	0256	03001	0311	N25	E16	3531	01	3.4	15	SN					41	.5	E
	CULG	02	0256	0301	0311	N25	E15	3531	01	3.3	15	SF			C	0301	50	.6	
	YUNN	02	0259E	0300	0311	N25	E17	3531	01	3.4	12D	SN			P		32	.4	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)	
0026		02	04402	0443	0459	N24	E14	3531	01	3.3	19	SN					59	.5	DJ
	CULG	02	0440	0443	0457	N25	E13	3531	01	3.2	17	SB				0443	50	.6	J
	LEAR	02	0442	0443	0458	N24	E15	3531	01	3.3	16	SN		3	C		96		
	YUNN	02	0450E	0450U	0503	N24	E15	3531	01	3.4	13D	SN			P	0450	32	.4	D
0027	CULG	02	0450	0453	0457	N09	E71	3541	01	7.5	7	SN				0453	70		
0028	CULG	02	0510	0516	0526	N25	E13	3531	01	3.2	16	SN				0516	60	.7	J
0029	CULG	02	0610	0616	0632	N13	E03	3533	01	2.5	22	SN				0616	90	.9	F
0030		02	06161	06201	0642	N19	W88	3522	12	26.6	26	1B					96		AGY
	CULG	02	0616	0621	0640	N18	W90	3522	12	26.5	24	SB				0621	30		
	LEAR	02	0617	0620	0645	N19	W86	3522	12	26.8	28	1B		3	C				Y
	YUNN	02	0619E	0620U	0633D	N19	W87	3522	12	26.7	14D	1N			P	0620	161		AG
0031	CULG	02	0632	0634	0653	N20	E18	3531	01	3.6	21	SF				0634	40	.4	
0032		02	07364	07402	0756	N29	E08	3531	01	2.9	20	SN					53	.6	
	CULG	02	0736	0742	0756	N30	E07	3531	01	2.9	20	SN				0742	50	.6	
	CATA	02	0740	0740	0755	N28	E09	3531	01	3.0	15	S		2	C	0740	56	.7	
0033	CATA	02	0910	0910	0915D	N21	W34	3530	12	30.9	5D	S		1	P	0910	28	.4	
0034	LEAR	02	1000	1002	1010	N10	E40	3534	01	5.4	10	SF		3	C		26		F
0035	CATA	02	1115E	1115	1125D	S13	E74	3540	01	8.0	10D	1		2	P	1115	112		
0036		02	1345E	1413U	1410	N24	E14	3531	01	3.6	25D	SF					20	.1	H
	WEND	02	1345E		1402	N25	E16	3531	01	3.8	17D	SF				1345	12	.1	H
	RAMY	02	1358E	1413U	1418	N23	E12	3531	01	3.5	20D	SF		3	C		29		
		02	1517		1557	No Flare Patrol													
0037	RAMY	02	1642	1643	1649	N23	E13	3531	01	3.7	7	SN		3	C		42		
0038		02	1710	1714*	1732	N24	E08	3531	01	3.3	22	SF					25		K
	RAMY	02	1710	1714	1732	N24	E08	3531	01	3.3	22	SF		3	C		27		K
	RAMY	02	1710	1726	1732	N24	E08	3531	01	3.3	22	SF		3	C		23		K
0039	RAMY	02	1830	1834	1840	S38	E77	3539	01	9.0	10	SN		3	C				
		02	2003		2243	No Flare Patrol													
0040	CULG	02	2025	2029	2037	N17	W52	3530	12	30.0	12	SF				2029	30	.5	
0041	CULG	02	2314	2318	2322	S15	E49	3535	01	6.7	8	SN				2318	30	.5	
0042	YUNN	03	0107E	0112	0123	S10	W36	3528	12	31.3	16D	SN					48	.6	EG
0043	CULG	03	0153E	0206U	0245	N14	E11	3537	01	3.9	52D	1F				0206	200	2.2	FI
0044	CULG	03	0210	0226	0243	S35	E78	3539	01	9.3	33	1N				0226	60		
0045		03	03016	03111	0318	S09	E58	3538	01	7.5	17	SN					49	1.0	DG
	CULG	03	0301	0311	0320	S08	E59	3538	01	7.5	19	SN				0311	50	1.0	
	YUNN	03	0307	0312	0317	S10	E57	3538	01	7.4	10	SN					48	.9	DG
0046		03	0359	04115	0434	N22	E15	3536	01	4.3	35	SN					59	.7	
	CULG	03	0359	0416	0452	N23	E15	3536	01	4.3	53	SN				0416	70	.8	
	YUNN	03	0403E	0411	0415	N21	E15	3536	01	4.3	12D	SN			P		48	.6	
0047	CULG	03	0400	0406	0415	S35	E77	3539	01	9.3	15	SF				0406	30		
0048	CULG	03	0551	0559	0617	N12	E42	3535B	01	6.4	26	SF				0559	80	1.1	
0049	CULG	03	0623	0628	0636	S36	E76	3539	01	9.4	13	SF				0628	30		
0050	CULG	03	0659	0703	0719	S17	E58	3538	01	7.7	20	SF				0703	40	.8	
0051	CULG	03	0814	0818	0829	N20	W50	3530	12	30.6	15	SF				0818	50	.9	

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																(10 ⁻⁶)	Disk	
0052	WEND	03	1210		1215D	N10	E11	3537	01	4.3	5D	SN		C	1210	46	.5	
0053	WEND	03	1349	1355	1400	S37	E64	3539	01	8.7	11	SF		C	1355	20		D
		03	1427		1618	No Flare Patrol												
0054	HOLL	03	1647	1647	1702	N10	E10	3537	01	4.4	15	SF	3	C		25		
0055	HOLL	03	1702	1708	1729	N09	E07	3537	01	4.2	27	SF	3	C		62		F
0056	HOLL	03	1709	1710	1714	S35	E68	3539	01	9.1	5	SF	3	C		17		F
0057		03	1836*	19491	2004	S35	E64	3539	01	8.9	88	SN				52	1.3	
	RAMY	03	1836	1950	1950D	S35	E65	3539	01	9.0	74D	SB	3	C		59		
	BIGB	03	1947	1949	2006	S35	E62	3539	01	8.8	19	SN	2	C	1949	60	1.3	
	HOLL	03	1952E	1952U	2003	S34	E64	3539	01	8.9	11D	SN	3	C		37		
		03	1844		1846	No Flare Patrol												
0058	HOLL	03	2002	2002	2010	N09	E08	3537	01	4.4	8	SF	3	C		43		F
0059	HOLL	03	2014	2014	2019	S34	E64	3539	01	8.9	5	SF	3	C		17		
0060	HOLL	03	2059	2102	2107	N25	W11	3531	01	3.0	8	SF	3	C		37		F
0061	HOLL	03	2246	2248	2251	S35	E61	3539	01	8.8	5	SF	3	C		31		
0062	CULG	03	2339	2343	2352	N25	W07	3531	01	3.4	13	SN		C	2343	40	.4	
0063		04	00412	00431	0053	N08	E03	3537	01	4.2	12	SN				55	.6	E
	CULG	04	0041	0043	0055	N07	E03	3537	01	4.2	14	SN		C	0043	60	.6	E
	PALE	04	0043	0044	0052	N09	E02	3537	01	4.2	9	SN	3	C		39		
	PEKG	04	0045E	0046U	0051	N09	E03	3537	01	4.2	6D	SF		P	0046	67	.7	E
0064		04	01214	01261	0139	N27	W14	3531	01	3.0	18	SN				87	1.0	DEJ
	PALE	04	0121	0127	0140	N25	W14	3531	01	3.0	19	SF	3	C		94		
	CULG	04	0122	0126	0144	N26	W15	3531	01	2.9	22	SN		C	0126	140	1.7	
	VORO	04	0125	0127	0132	N28	W13	3531	01	3.0	7	SN		C	0127	63	.7	EJ
	PEKG	04	0131E	0132U	0140	N28	W14	3531	01	3.0	9D	SF		P	0132	50	.6	D
0065	CULG	04	0156	0158	0206	N11	E44	3541	01	7.4	10	SN		C	0158	20	.3	
0066		04	01593	02031	0231	N08	E02	3537	01	4.2	32	SN				36	.3	
	CULG	04	0159	0204	0218	N06	E01	3537	01	4.1	19	SN		C	0204	30	.3	
	PALE	04	0202	0203	0244	N09	E02	3537	01	4.2	42	SF	3	C		41		
0067		04	02252	0230	0243	N08	E02	3537	01	4.2	18	SN				52	.6	DE
	PEKG	04	0225	0230U	0230D	N09	E01	3537	01	4.2	5D	SF		P	0230	63	.7	E
	CULG	04	0227	0230	0243	N08	E03	3537	01	4.3	16	SN		C	0230	40	.4	D
0068		04	0250*	0305*	0329	N12	E36	3535B	01	6.8	39	SF				76	1.7	FI
	CULG	04	0250	0305	0326D	N13	E37	3535B	01	6.9	36D	SF		P	0305	130	1.7	FI
	PALE	04	0318	0324	0329	N12	E36	3535B	01	6.8	11	SF	2	C		23		
0069	PALE	04	0332	0334	0335	N12	E35	3535B	01	6.8	3	SF	2	C		24		
0070		04	03352	0339	0414	N09	E00	3537	01	4.1	39	1N				181	1.9	DEF
	PEKG	04	0335	0339	0339D	N09	W00	3537	01	4.1	4D	SN		P	0339	168	1.8	E
	LEAR	04	0336	0339	0422	N09	E01	3537	01	4.2	46	1N	3	C		207		F
	PALE	04	0337	0339	0344D	N08	W00	3537	01	4.1	7D	SN	2	C		150		
	CULG	04	0340E	0340U	0405	N09	E01	3537	01	4.2	25D	1B		P	0340	200	2.0	D
0071	CULG	04	0340E	0427	0500	S35	E63	3539	01	9.2	80D	1F		P	0427	100	2.4	
0072	LEAR	04	0532	0532	0545	N08	E00	3537	01	4.2	13	SF	3	C		44		
0073	CULG	04	0549	0556	0614	N24	W10	3531	01	3.5	25	SF		C	0556	90	1.0	
0074	ISTA	04	0722		0750	S17	E59	3540	01	8.8	28	1N						U
0075		04	0808	0811	0816	N22	W16	3531	01	3.1	8	SN				19	.2	D
	ISTA	04	0808	0811	0815	N22	W18	3531	01	2.9	7	SN						D
	MANI	04	0812E	0813U	0816	N22	W15	3531	01	3.2	4D	SF	1	V		19	.2	

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																	(10 ⁻⁶ Disk)	Corr (Sq Deg)	
0076	LEAR	04	0921	0921	0935	N08	W02	3537	01	4.2	14	SF		3	C		26		F
0077		04	1027	1047	1050D	N08	E02	3537	01	4.6	23D	SN	C 1.1				68	.7	E
	HTPR	04	1027		1047D	N08	E02	3537	01	4.6	20D	SF			C	1040	40	.4	E
	ATHN	04	1030E	1047	1050D	N09	E01	3537	01	4.5	20D	SN	C 1.1	3	V	1047	95	1.0	
0078	HTPR	04	1145	1203	1230	S24	E38	3538	01	7.4	45	SF			C	1203	30	.4	
0079	HTPR	04	1315	1319	1333	N08	E01	3537	01	4.6	18	SF			C	1319	40	.4	
0080		04	1446	1525U	1605D	N22	W22	3531	01	2.9	79D	1N					282	4.4	F
	HTPR	04	1446		1530D	N24	W20	3531	01	3.1	44D	1N			C	1530	400	4.4	
	HOLL	04	1523E	1525U	1605D	N21	W24	3531	01	2.8	42D	SF		3	C		164		F
		04	1531		1539	No Flare Patrol													
		04	1601		1602	No Flare Patrol													
0081	HOLL	04	1628E	1642	1706	N09	W04	3537	01	4.4	38D	SF		3	C		58		
0082		04	1759	18012	1817	N10	W02	3537	01	4.6	18	SF					138		
	HOLL	04	1759	1801	1812	N10	W03	3537	01	4.5	13	SF		3	C		164		
	RAMY	04	1802E	1803	1822	N09	W02	3537	01	4.6	20D	SF		3	C		113		
0083		04	19152	19171	1950	N09	W07	3537	01	4.3	35	SN					44		F
	HOLL	04	1915	1918	1936	N09	W06	3537	01	4.3	21	SN		3	C		56		F
	RAMY	04	1917	1917	2004	N09	W08	3537	01	4.2	47	SF		3	C		31		
0084		04	21406	21416	2206	N09	W08	3537	01	4.3	26	SN					102	1.8	F
	HOLL	04	2140E	2141	2201	N08	W08	3537	01	4.3	21D	SN		2	C		84		F
	CULG	04	2140	2143	2210	N09	W09	3537	01	4.2	30	SB			C	2143	180	1.8	
	PALE	04	2146	2147	2155D	N09	W06	3537	01	4.4	9D	SF		3	C		41		
0085	CULG	04	2213	2219	2236	S40	E64	3539	01	10.1	23	SF			C	2219	30	.8	
0086		04	22503	22572	2325	N08	W08	3537	01	4.3	35	SN					34	.4	DF
	CULG	04	2250	2257	2325	N09	W09	3537	01	4.3	35	SN			C	2257	40	.4	D
	LEAR	04	2253	2259	2301D	N08	W06	3537	01	4.5	8D	SF		3	C		27		F
0087	CULG	04	2359	2401	2419	S11	E52	3540	01	8.9	20	SN			C	2401	50	.8	
0088	CULG	05	0026E	0028	0044	S35	E70		01	10.6	18D	SF			P	0028	20		
0089		05	01401	01452	0200	S18	E32	3538	01	7.5	20	SN					88	1.0	J
	CULG	05	0140	0145	0201	S16	E32	3538	01	7.5	21	SN			C	0145	70	.8	J
	PURP	05	0141	0147	0200	S19	E32	3538	01	7.5	19	SN			V	0147	105	1.3	
0090	CULG	05	0212	0218	0235	S34	E50	3539	01	9.1	23	SF			C	0218	40	.7	
0091	CULG	05	0258	0303	0316D	S35	E70		01	10.7	18D	SF			P	0303	50		
0092	PURP	05	0459	0504	0511	S20	E30	3538	01	7.5	12	SN			C	0504	92	1.1	
0093	YUNN	05	0520	0523	0529	N10	W11	3537	01	4.4	9	SN			C		16	.2	D
0094	YUNN	05	0653E	0653U	0705	N23	W13	3536	01	4.3	12D	SN			P	0653	32	.4	F
0095	YUNN	05	0749	0753	0805	N26	W29	3531	01	3.1	16	SN			C		32	.4	E
0096		05	0801	08041	0816	S36	E46	3539	01	9.0	15	SB					73	1.2	EF
	YUNN	05	0801	0805	0817	S35	E44	3539	01	8.8	16	SN			C		48	.8	F
	PURP	05	0804E	0804	0814	S37	E48	3539	01	9.2	10D	SB			V	0804	98	1.6	E
0097	YUNN	05	0825E	0825U	0833	N08	W13	3537	01	4.4	8D	SN			P	0825	32	.3	
0098		05	0853	0902*	0925	S35	E43	3539	01	8.8	32	SN					55	.8	DEK
	YUNN	05	0853	0902	0902D	S35	E39	3539	01	8.5	9D	SN			C		32	.5	E
	HTPR	05	0900E		0915D	S36	E45	3539	01	9.0	15D	SF			C	0914	100	1.4	E
	YUNN	05	0913E	0913	0925	S35	E44	3539	01	8.9	12D	SN			C		32	.5	DK
0099	YUNN	05	0858E	0858U	0905	N09	E31	3541	01	7.7	7D	SN			P	0858	32	.4	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)		
0100	HTPR	05	1206	1207	1226	N26	W34	3531	01	2.9	20	SF				C	1207	30	.4	E
0101		05	13412	13442	1402	N26	W34	3531	01	2.9	21	SB						56	.6	EF
	HTPR	05	1341	1346	1403	N26	W34	3531	01	2.9	22	SB				C	1346	50	.6	E
	RAMY	05	1343	1344	1400	N27	W34	3531	01	2.9	17	SN		3		C		61		F
0102	RAMY	05	1356	1410	1417	S35	E39	3539	01	8.7	21	SF				C		45		
0103	HTPR	05	1435		1502D	S36	E42	3539	01	9.0	27D	SN				C	1500	150	2.0	E
		05	1503		1505	No Flare Patrol														
0104	RAMY	05	1843	1844	1850	N08	E25	3541	01	7.6	7	SN				C		40		
0105	HOLL	05	1942E	1943	2012	N10	W51	3533	01	2.0	30D	SB				C		85		EF
0106	HOLL	05	2000	2000	2014	S13	E35	3540	01	8.5	14	SF				C		30		
0107	CULG	05	2122	2125	2147	S16	E27	3538	01	7.9	25	SF				C	2125	60	.7	E
0108	CULG	05	2130	2133	2139	N10	W22	3537	01	4.2	9	SN				C	2133	20	.2	
0109	CULG	05	2229	2241	2330	S35	E37	3539	01	8.9	61	SN				C	2241	90	1.4	EJ
0110	CULG	05	2253	2257	2332	N09	W27	3537	01	3.9	39	SF				C	2257	20	.2	
0111	CULG	06	0107	0113	0129	S41	E50	3539	01	10.1	22	SF				C	0113	60	1.1	
0112	LEAR	06	0251	0253	0307	S35	E34	3539	01	8.8	16	SF				C		29		
0113		06	0258*	03047	0321	N21	W26	3536	01	4.1	23	SN						59	.7	EFW
	YUNN	06	0258	0304	0325	N21	W24	3536	01	4.3	27	SN				C		64	.8	FW
	LEAR	06	0259	0304	0327	N20	W24	3536	01	4.3	28	SN				C		64		F
	CULG	06	0301E	0301U	0338U	N21	W27	3536	01	4.0	37U	SN				P	0301	50	.6	
	PEKG	06	0310	0311	0312	N22	W27	3536	01	4.0	2	SF				C	0311	59	.7	E
0114	YUNN	06	0413	0418	0421D	N12	W20	3537	01	4.7	8D	SN				P		32	.4	D
0115	LEAR	06	0527	0532	0554	N09	W25	3537	01	4.3	27	SF				C		57		F
0116		06	0628	0631	0652	N07	W22	3537	01	4.6	24	SN						82		EF
	MITK	06	0628	0631	0638D	N08	W22	3537	01	4.6	10D	SN				C	0631			E
	LEAR	06	0629E	0631	0652	N06	W23	3537	01	4.5	23D	SF				C		82		F
0117		06	0630*	0742*	0813	N08	W25	3537	01	4.4	103	1N						209	2.8	EFK
	ABST	06	0630	0742	0818	N08	W26	3537	01	4.3	108	1N				P	0712	253	3.0	FK
	LEAR	06	0712	0746	0806	N09	W25	3537	01	4.4	54	SN				C		112		F
	CATA	06	0740	0750	0815	N07	W25	3537	01	4.4	35	1				C	0750	281	3.2	
	PEKG	06	0753	0759	0802D	N07	W25	3537	01	4.4	9D	1N				P	0759	189	2.2	E
0118	ABST	06	0714	0715	0730	N22	W46	3531	01	2.8	16	SF				C	0715	87	1.4	DV
0119		06	07364	07401	0744	S17	E85	3544	01	12.8	8	1F						87		D
	ABST	06	0736	0741	0744	S16	E85	3544	01	12.8	8	1F				C	0741	87		D
	LEAR	06	0740	0740	0745	S18	E85	3544	01	12.8	5	SF				C				
0120		06	09052	09073	0925	N09	W27	3537	01	4.3	20	SF						68	1.3	F
	CATA	06	0905	0910	0925	N10	W27	3537	01	4.3	20	S				C	0910	112	1.3	
	LEAR	06	0907	0907	0925	N10	W27	3537	01	4.3	18	SF				C		24		F
	KANZ	06	0923E		0923D	N08	W28	3537	01	4.3	18D	SF								
		06	1420		1921	No Flare Patrol														
0121	BIGB	06	1820	1823	1857	N12	W33	3537	01	4.3	37	SF				C	1823	60	.7	
		06	1956		2012	No Flare Patrol														
0122		06	1959	2001	2110	N09	W34	3537	01	4.3	71	1N						220	2.6	F
	CULG	06	1933U	1949U	2047D	N08	W34	3537	01	4.3	74U	1N				P	1949	320	3.8	F
	BIGB	06	1959	2001	2110	N10	W33	3537	01	4.3	71	SN				C	1001	120	1.5	

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																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)			
			06 2014		2021			No Flare Patrol													
			06 2048		2331			No Flare Patrol													
0123	LEAR	06	2257	2257	2311	N10	W36	3537	01	4.2	14	SF						77			
0124	LEAR	06	2316	2320	2338	N10	W37	3537	01	4.2	22	SF						176		F	
0125		07	0231	0233*	0256	N10	W38	3537	01	4.2	25	1N						173	3.5	F	
	PURP	07	0223E	0247	0250	N10	W40	3537	01	4.1	27D	1F				0247		262	3.5		
	LEAR	07	0231	0233	0303	N10	W36	3537	01	4.4	32	SN						84		F	
0126	LEAR	07	0437	0438	0501	S37	E21	3539	01	8.9	24	SF						24			
0127	YUNN	07	0521E	0521U	0523D	N09	E07	3541	01	7.7	2D	SN					0521	32	.3	E	
0128	YUNN	07	0521E	0521U	0523	N09	W41	3537	01	4.1	2D	SN					0521	32	.5		
0129	LEAR	07	0612	0614	0628	N06	W36	3537	01	4.6	16	SF						42		F	
0130		07	06357	0643*	0702	N08	W38	3537	01	4.4	27	SN						100	1.3	DEJ	
	YUNN	07	0635E	0635U	0642	N09	W39	3537	01	4.3	7D	SN					0635	16	.2	D	
	ABST	07	0635	0643	0722	N07	W39	3537	01	4.3	47	1F					0643	227	3.1	DJ	
	YUNN	07	0642	0642U	0657D	N07	W38	3537	01	4.4	15D	SN					0642	16	.2	E	
	CATA	07	0705E	0710	0720D	N07	W37	3537	01	4.5	15D	S					0710	140	1.8		
0131	ABST	07	0720E	0726	0738D	N09	E06	3541	01	7.7	18D	SF					0726	175	1.9	E	
0132		07	0816	0823*	0901	N11	W42	3537	01	4.2	45	SN						156	2.5	EFJ	
	LEAR	07	0816	0823	0903	N10	W40	3537	01	4.3	47	SN						100		F	
	ABST	07	0818E	0823	0836D	N11	W42	3537	01	4.2	18D	1N					0823	262	3.8	FJ	
	HPR	07	0831E		0900	N12	W43	3537	01	4.1	29D	SF					0844	120	1.7	E	
	CATA	07	0840E	0840	0900	N11	W41	3537	01	4.3	20D	S					0840	140	2.0		
0133	KANZ	07	1102	1110	1114	N10	W47	3537	01	3.9	12	SF									
0134	KANZ	07	1213	1217	1237	N09	W43	3537	01	4.3	24	SN									
0135	HPR	07	1355		1511D	S17	E05	3545	01	7.9	76D	SN						1418	70	.7	E
		07	1512		1518			No Flare Patrol													
		07	1521		1551			No Flare Patrol													
0136		07	1617	1622	1710	S23	W06	3538	01	7.2	53	SF						54	.8		
	BIGB	07	1617	1622	1716	S25	W07	3538	01	7.1	59	SF					1622	80	.8		
	RAMY	07	1642E	1642U	1704	S21	W04	3538	01	7.4	22D	SF						29			
0137		07	1658	17013	1736	N10	W48	3537	01	4.1	38	SN						170	1.5	F	
	BIGB	07	1658	1701	1727	N11	W48	3537	01	4.1	29	SN						100	1.5		
	HOLL	07	1702E	1704	1713	N10	W50	3537	01	3.9	11D	SN						175		F	
	RAMY	07	1703E	1704U	1809	N10	W47	3537	01	4.2	66D	1F						236			
0138		07	1942E	1942U	1958	N09	W48	3537	01	4.2	16D	SN						62		F	
	RAMY	07	1942E	1942U	1958	N10	W48	3537	01	4.2	16D	SN						85			
	PALE	07	1946E	1946U	1951D	N08	W48	3537	01	4.2	5D	SF						40		F	
		07	2126		2132			No Flare Patrol													
		07	2138		2146			No Flare Patrol													
		07	2159		2206			No Flare Patrol													
0139		07	22111	2214	2230	N10	W52	3537	01	4.0	19	SN						70	1.5	F	
	BIGB	07	2211	2214	2233	N12	W52	3537	01	4.0	22	SN						90	1.5		
	HOLL	07	2212	2214	2226	N09	W51	3537	01	4.1	14	SF						50		F	
0140	LEAR	08	0025	0025	0035	N09	W51	3537	01	4.2	10	SN						17			
0141	YUNN	08	0137	0143	0157	N11	W49	3537	01	4.4	20	SN						64	1.0	E	
0142		08	02021	0205*	0237	N10	W51	3537	01	4.2	35	SN						138	2.4	EFZ	
	MITK	08	0202	0206	0236D	N12	W51	3537	01	4.2	34D	SN					0206			E	
	LEAR	08	0203	0205	0233	N10	W51	3537	01	4.2	30	SB						132		ZF	
	PURP	08	0214E	0217	0241	N09	W51	3537	01	4.3	27D	1N					0217	144	2.4		

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																Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0143	08	0537	0543	0610	N08	W52	3537	01	4.3	33	SN					74	1.1	EF	
	PEKG	08	0537	0543	0555	N09	W53	3537	01	4.2	18	SN		C	0543	63	1.1	E	
	LEAR	08	0540E	0544	0624	N08	W52	3537	01	4.3	44D	SN	3	C		85		F	
0144	YUNN	08	0644	0645	0700	N09	W52	3537	01	4.4	16	SN		C		48	.8	E	
0145	08	0800	0804	0814	S16	W12	3538	01	7.4	14	SN					60	.7	EF	
	YUNN	08	0800	0804	0812	S17	W11	3538	01	7.5	12	SN		C		64	.7	E	
	LEAR	08	0800	0805	0815	S16	W13	3538	01	7.3	15	SF	3	C		55		F	
0146	YUNN	08	0812	0815	0820D	N10	W53	3537	01	4.3	8D	SN		P		16	.3		
0147	LEAR	08	0940	0943	1004	N09	W57	3537	01	4.1	24	SN		3	C		39		F
		08	1027		1134	No Flare Patrol													
		08	1256		1415	No Flare Patrol													
0148	RAMY	08	1354	1432	1913D	N10	W60	3537	01	4.1	319D	2B		3	C		446		
		08	1731		1811	No Flare Patrol													
		08	1939		2013	No Flare Patrol													
0149	HOLL	08	2024	2027	2030	N08	W60	3537	01	4.3	6	SF		3	C		19		
0150	HOLL	08	2032	2034	2036	N08	W59	3537	01	4.4	4	SF		3	C		21		
		08	2051		2146	No Flare Patrol													
		08	2151		2222	No Flare Patrol													
		08	2231		2234	No Flare Patrol													
		08	2304		2309	No Flare Patrol													
		08	2317		2324	No Flare Patrol													
0151	CULG	08	2337E	2346	2413	S16	E03	3540	01	9.2	36D	SF		P	2346	40	.4	J	
0152	CULG	09	0004	0011	0025	N08	W64	3537	01	4.2	21	SN		C	0011	40	1.0	J	
0153	CULG	09	0010	0023	0100	S34	E01	3539	01	9.1	50	SF		C	0023	30	.4	J	
0154	09	01299	01384	0152	N09	W62	3537	01	4.4	23	1N					102	2.1	DEFJK	
	YUNN	09	0129	0138	0142D	N09	W61	3537	01	4.5	13D	SN		P		32	.7	D	
	YUNN	09	0129	0141U	0142D	N10	W61	3537	01	4.5	13D	1N		P		129	2.8	K	
	LEAR	09	0131	0141	0149	N09	W62	3537	01	4.4	18	1N	3	C		131		F	
	CULG	09	0133	0142	0205	N08	W62	3537	01	4.4	32	1B		C	0142	110	2.6	J	
	PALE	09	0137	0138U	0147	N08	W63	3537	01	4.3	10	SN		1	C		120		
	PEKG	09	0138	0142	0148	N11	W63	3537	01	4.3	10	1N		C	0142	105	2.6	E	
	MANI	09	0141E	0141	0148D	N09	W63	3537	01	4.3	7D	SN		1	V		90	1.8	F
0155	CULG	09	0226	0229	0233	S19	W31	3538	01	6.7	7	SF		C	0229	30	.4		
0156	YUNN	09	0256	0300	0315	N09	W63	3537	01	4.4	19	SN		C		16	.4	D	
0157	CULG	09	0258	0302	0317	S17	E01	3540	01	9.2	19	SF		C	0302	40	.4		
0158	09	03552	03593	0418	N22	W56	3542	01	4.8	23	SF					46	1.1		
	CULG	09	0355	0359	0415	N22	W58	3542	01	4.7	20	SF		C	0359	50	1.1		
	LEAR	09	0357	0402	0422	N21	W54	3542	01	5.0	25	SF	3	C		42			
0159	09	04382	04451	0504	S22	W28	3538	01	7.0	26	SN					51	.6	E	
	CULG	09	0438	0446	0503	S22	W28	3538	01	7.0	25	SN		C	0446	70	.8	E	
	YUNN	09	0440	0445	0504	S23	W28	3538	01	7.0	24	SN		C		32	.4		
0160	YUNN	09	0444	0448	0516	N09	W65	3537	01	4.3	32	SN		C		32		E	
0161	09	0508*	0512*	0602	S18	W21	3545	01	7.6	54	SN					184	1.9	EFJKU	
	LEAR	09	0508	0528	0616D	S19	W21	3545	01	7.6	68D	1N	3	C		298		UF	
	CULG	09	0509	0534	0615	S19	W22	3545	01	7.5	66	1B		C	0534	300	3.3		
	YUNN	09	0510	0512	0608	S15	W22	3545	01	7.5	58	SN		C		80	.9	E	
	YUNN	09	0510	0517	0608	S17	W21	3545	01	7.6	58	SN		C		48	.5	FK	
	MITK	09	0510	0528	0623	S18	W16	3545	01	8.0	73	SN		C	0528			U	
	PEKG	09	0510	0532	0600	S19	W22	3545	01	7.5	50	SN		C	0532	176		F	
	YUNN	09	0518E	0518	0521	S20	W19	3545	01	7.8	3D	SN		C		32	.4	FK	
	YUNN	09	0518	0528	0608	S17	W21	3545	01	7.6	50	1B		C		225	2.6	J	
	TACH	09	0528E	0535	0556	S18	W22	3545	01	7.5	28D	1B		C	0535	309	3.5	EU	

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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)		
0162	YUNN	09	0644	0648	0652	N21	W56	3542	01	5.0	8	SN			C		16	.3	D	
0163	CULG	09	0650	0701	0711	N09	W69	3537	01	4.1	21	SF			C	0701	60			
0164		09	0724*	0728*	0801	N10	W67	3537	01	4.3	37	1N					117	2.1	DEFJKT	
	YUNN	09	0724	0728	0732	N09	W65	3537	01	4.4	8	SN			C		16		D	
	PURP	09	0724	0738	0758	N11	W67	3537	01	4.3	34	1N			C	0738	137			
	LEAR	09	0729	0735	0753	N10	W67	3537	01	4.3	24	SN		3	C		110		F	
	TACH	09	0730	0734	0748	N09	W68	3537	01	4.2	18	1F			C	0734			E	
	CULG	09	0731	0735	0802	N11	W67	3537	01	4.3	31	1B			C	0735	130			
	YUNN	09	0732	0736	0828	N12	W66	3537	01	4.3	56	2N			C		257			
	YUNN	09	0732	0816	0828	N09	W65	3537	01	4.4	56	SN			C		48		FJKT	
	CATA	09	0735	0740	0750D	N12	W68	3537	01	4.2	15D	1		2	P	0740	140			
	MANI	09	0736E	0736U	0739D	N10	W68	3537	01	4.2	3D	1N		1	V		100	2.1	F	
0165	YUNN	09	0832	0837	0845	S11	W26	3538	01	7.4	13	SN			C		32	.4	DG	
0166	YUNN	09	0900	0904	0908	N09	W63	3537	01	4.6	8	SN			C		16	.4	DT	
0167	YUNN	09	0916	0917	0920	N08	W65	3537	01	4.5	4	SN			C		32		DT	
0168	YUNN	09	0920	0936	0940D	S35	W07	3539	01	8.8	20D	SN			P		16	.2		
0169		09	09249	09323	0938	N08	W64	3537	01	4.6	14	SN					38	.8	D	
	YUNN	09	0924	0932	0940	N07	W63	3537	01	4.7	16	SN			C		32	.8	D	
	LEAR	09	0933	0935	0937	N08	W65	3537	01	4.5	4	SN		3	C		44			
0170	LEAR	09	0946	0949	0954	N08	W68	3537	01	4.3	8	SN		3	C		32			
0171		09	10246	1030*	1100	N09	W26	3541	01	7.5	36	SB					164	1.9	EG	
	HTPR	09	1024	1033	1100	N09	W27	3541	01	7.4	36	SB			C	1033	160	1.8	E	
	CATA	09	1030	1030	1100	N10	W25	3541	01	7.5	30	S		2	C	1030	169	2.0		
	KANZ	09	1041E	1041	1100	N09	W25	3541	01	7.6	19D	SN		1					G	
0172	KANZ	09	1122	1126	1141	N07	W71	3537	01	4.1	19	SB		1						
0173		09	11573	12001	1205	N08	W68	3537	01	4.4	8	SN					49	.7		
	KANZ	09	1157	1201	1205	N07	W70	3537	01	4.2	8	SN		1						
	HTPR	09	1200		1203D	N06	W66	3537	01	4.6	3D	SF			C	1202	30	.7		
	CATA	09	1200E	1200	1200D	N10	W68	3537	01	4.4	3D	S		1	P	1200	68			
0174		09	1223*	1314*	1442	N08	W70	3537	01	4.3	139	SF					44		K	
	RAMY	09	1223	1314	1522	N09	W69	3537	01	4.3	179	SF		3	C		20		K	
	RAMY	09	1223	1505	1522	N09	W69	3537	01	4.3	179	SF		3	C		67		K	
	KANZ	09	1332	1332	1344	N06	W69	3537	01	4.4	12	SF		1						
	KANZ	09	1411	1411	1418	N07	W71	3537	01	4.3	7	SN		1						
0175	KANZ	09	1324	1324	1341	S07	E40	3546	01	12.5	17	SB		1						
0176		09	1337*	14043	1720D	S38	W06	3539	01	9.1	223D	1N					544	9.7	BEFIU	
	KANZ	09	1337	1407	1422D	S38	W03	3539	01	9.3	45D	1N		2						
	RAMY	09	1358	1404	1720D	S36	W08	3539	01	8.9	202D	1F		3	C		339		UF	
	HTPR	09	1504E		1522D	S39	W06	3539	01	9.1	18D	2B			C	1504	750	9.7	BEI	
0177		09	1358*	1411*	1434	S08	E40	3546	01	12.6	36	SN					19			
	RAMY	09	1358	1433	1449	S08	E39	3546	01	12.5	51	SF		3	C		19			
	KANZ	09	1411	1411	1418	S08	E40	3546	01	12.6	7	SN		1						
		09	1423		1442	No Flare Patrol														
		09	1527		1540	No Flare Patrol														
0178		09	1945	1950	2004	N08	W73	3537	01	4.3	19	1N					80	2.8		
	PALE	09	1945	1950	1959	N08	W73	3537	01	4.3	14	SN		4	C					
	BIGB	09	1945	1950	2009	N08	W73	3537	01	4.3	24	1N		3	C	1950	80	2.8		
0179	PALE	09	2018	2018	2025	N10	W80	3537	01	3.8	7	SF		4	C					
0180	CULG	09	2033	2037	2043	N10	W84	3537	01	3.5	10	SF			C	2037	20			
0181	CULG	09	2139	2141	2150	N11	W76	3537	01	4.2	11	SN			C	2141	40			

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						Lat	CMD	Region									(10 ⁻⁶ Disk)	Corr (Sq Deg)	
0182		09	2335*	2336*	2356	N10	W75	3537	01	4.3	21	SN					30		J
	CULG	09	2335	2336	2355	N12	W77	3537	01	4.2	20	SN				2336	30		J
	LEAR	09	2351	2351	2356	N09	W73	3537	01	4.5	5	SF	3	C					
0183		10	00491	0051	0100	S21	W28	3545	01	7.9	11	SN					56	.6	F
	CULG	10	0049	0051	0103	S22	W28	3545	01	7.9	14	SN				0051	50	.6	
	LEAR	10	0050	0051	0057	S20	W29	3545	01	7.8	7	SF	3	C		61		F	
0184	YUNN	10	0110E	0111	0134	N21	W64	3542	01	5.1	24D	SN					32		D
0185	YUNN	10	0110E	0111	0121	S18	W37	3545	01	7.2	11D	SN					32	.4	D
0186	YUNN	10	0209	0217	0229	N21	W66	3542	01	5.0	20	SN					16		D
0187	YUNN	10	0221E	0221U	0233	N17	W24	3541	01	8.3	12D	SN				0221	16	.2	EG
0188		10	0245	0246	0249	N11	W75	3537	01	4.5	4	SF					16		CD
	YUNN	10	0245E	0245U	0249	N12	W73	3537	01	4.6	4D	SN				0245	16		CD
	PALE	10	0245	0246	0248	N12	W78	3537	01	4.2	3	SF	3	C					
	LEAR	10	0245	0246	0249	N10	W75	3537	01	4.5	4	SF	3	C			17		
0189	YUNN	10	0425E	0429U	0437	N21	W66	3542	01	5.1	12D	SN				0429	16		D
0190	YUNN	10	0434	0437U	0451	N10	W77	3537	01	4.4	17	SN					32		E
0191	CULG	10	0509	0510	0515	N10	W84	3537	01	3.9	6	1F				0510	60		
0192	YUNN	10	0642E	0642U	0649	N10	W68	3534	01	5.2	7D	SN				0642	16		
0193	YUNN	10	0813	0815	0821	N12	W75	3537	01	4.7	8	SN					16		DT
0194	YUNN	10	0813	0821	0829	S19	W35	3545	01	7.7	16	SN					32	.4	
0195	YUNN	10	0841	0845	0900	N10	W77	3537	01	4.6	19	SN					16		DT
0196	KHAR	10	0935E	0935	0946D	N12	W85	3537	01	4.0	11D	SF				0935			DH
0197		10	0950	0955E	1015	S20	W36	3545	01	7.6	25	1F					142	1.9	DO
	CATA	10	0950	0955	1015	S20	W37	3545	01	7.6	25	1	2	C		0955	225	3.0	
	KHAR	10	0955E	1001	1012D	S20	W36	3545	01	7.6	17D	SF				1001	60	.8	DO
0198	KHAR	10	1011E	1015	1025D	N13	W90	3537	01	3.6	14D	SN				1015			H
0199	RAMY	10	1247	1254	1319	S35	W22	3539	01	8.8	32	SF	3	C			84		
		10	1324		1340	No Flare Patrol													
0200	RAMY	10	1430	1441	1454	N11	W89	3537	01	3.9	24	SF	3	C					
0201	HOLL	10	1548	1548	1600	S16	W39	3545	01	7.7	12	SF	3	C			19		F
0202	RAMY	10	1654	1714	1732	S17	W38	3545	01	7.8	38	SF	3	C			58		
0203	RAMY	10	1658	1705	1738	N10	W41	3541	01	7.6	40	SN	3	C			79		
		10	1857		1859	No Flare Patrol													
0204		10	2109	21101	2119	S20	W37	3545	01	8.0	10	SN					72	1.1	
	CULG	10	2109	2110	2119	S20	W37	3545	01	8.0	10	SN				2110	90	1.1	
	HOLL	10	2109	2111	2119	S19	W37	3545	01	8.0	10	SN	3	C			55		
0205	YUNN	11	0107	0113	0123	S16	W43	3545	01	7.8	16	SN					32	.5	
0206	YUNN	11	0216	0217	0223	N09	W44	3541	01	7.8	7	SN					16	.2	DG
0207	YUNN	11	0300	0331	0347	N12	W89	3537	01	4.4	47	1N					161		AG
0208	YUNN	11	0449	0502	0512	S17	W44	3545	01	7.8	23	SN					48	.7	E
0209	YUNN	11	0550	0552	0600	S17	W45	3545	01	7.8	10	SN					48	.7	E

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																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0210	YUNN	11	0611	0623	0628	S18	W46	3545	01	7.7	17	SN			C		48	.7	E	
0211	YUNN	11	0635	0643	0717	S17	W46	3545	01	7.8	42	SN			C		32	.5	D	
0212	YUNN	11	0639	0643	0700	N14	W89	3537	01	4.5	21				C				AG	
0213	RAMY	11	1312	1315	1332	N10	W51	3541	01	7.7	20	SN		3	C		78			
0214	RAMY	11	1316	1318	1332	S22	W18	3540	01	10.2	16	SF		3	C		37			
0215	RAMY	11	1316	1338	1403	S16	W50	3545	01	7.8	47	SF		3	C		43			
			11 1322		1329	No Flare Patrol														
0216	RAMY	11	1608	1616	1632	S19	W49	3545	01	7.9	24	SN		3	C		27			
0217	RAMY	11	1633	1646	1648	S20	W55	3545	01	7.5	15	SF		3	C		20			
0218	RAMY	11	1705	1710	1726	S15	W52	3545	01	7.8	21	SF		3	C		21			
			11 1728		1927	No Flare Patrol														
			11 1938		1941	No Flare Patrol														
0219		11	20041	20061	2031	S20	W22	3540	01	10.1	27	SB					130	1.6		
	CULG	11	2004	2007	2018D	S19	W22	3540	01	10.1	14D	SB			P	2007	150	1.6		
	RAMY	11	2005	2006	2031	S21	W22	3540	01	10.1	26	SN		3	C		109			
0220	RAMY	11	2010	2011	2019	S09	E66	3549	01	16.8	9	SF		3	C		22			
0221	CULG	11	2146	2151	2157D	S18	W22	3540	01	10.2	11D	SB			C	2151	100	1.1		
0222	BIGB	11	2226	2239	2334	S08	E71	3549	01	17.2	68	1F		3	C	2239	80	2.5		
0223	CULG	12	0045	0046	0048	S08	E07	3546	01	12.5	3	SF			C	0046	20	.2		
0224	YUNN	12	0157E	0157U	0204	S10	E65	3549	01	17.0	7D	SN			P	0157	48	1.2	DT	
0225		12	02047	0213	0216	S08	E68	3549	01	17.2	12	SN	C 5.1				51	1.3	FJT	
	YUNN	12	0204	0212U	0212D	S10	E66	3549	01	17.0	8D	SN			P	0212	32		T	
	MANI	12	0210E	0210U	0220D	S09	E67	3549	01	17.1	10D	SN		1	V		60	1.3	F	
	CULG	12	0211	0213	0216	S06	E70	3549	01	17.3	5	SN	C 5.1		C	0213	60		J	
0226	LEAR	12	0318	0321	0335	S37	W41	3539	01	8.8	17	SF		3	C		31		F	
0227	YUNN	12	0400	0408U	0424	S10	E65	3549	01	17.0	24	SN			P	0408	16	.4	T	
0228	YUNN	12	0408	0416	0420	S19	W64	3545	01	7.3	12	SN			C		16	.4	D	
0229	YUNN	12	0504	0512	0532	S09	E62	3549	01	16.9	28	SN			C		64	1.4	T	
			12 1236		1244	No Flare Patrol														
			12 1301		1303	No Flare Patrol														
0230	RAMY	12	1441	1443	1447	S10	E58	3549	01	17.0	6	SF		3	C		23			
0231	RAMY	12	1452	1507	1519	S08	E53	3549	01	16.6	27	SN		3	C		40			
0232	CULG	12	1957	1957U	1957D	S04	E57	3549	01	17.1	27D	SN			P	1957	40	.7		
			12 2202		2214	No Flare Patrol														
0233	CULG	13	0054	0055	0057	S17	W69	3545	01	7.8	3	SF			C	0055	30			
0234		13	0126*	0132*	0211	S21	W72	3545	01	7.5	45	1B					257	5.8	BEFIJ	
	CULG	13	0126	0132	0214	S24	W74	3545	01	7.3	48	2B			C	0132	270		FI	
	LEAR	13	0128E	0135	0220D	S20	W72	3545	01	7.5	52D	1B		3	C		193		F	
	VORO	13	0128	0142	0225	S22	W72	3545	01	7.6	57	1B			C	0142	161		EJ	
	PEKG	13	0130E	0138	0203	S18	W72	3545	01	7.6	33D	1B			P	0138	223		E	
	MANI	13	0133E	0135	0155D	S19	W71	3545	01	7.6	22D	1N		1	V		150	3.4	F	
	MITK	13	0135E	0146	0208	S20	W72	3545	01	7.5	33D	1B			C	0146	140		E	
	KODA	13	0151	0155	0207	S20	W71	3545	01	7.6	16	2N			P	0202	822	8.3	BE	
	YUNN	13	0205E	0206	0215D	S23	W72	3545	01	7.5	10D	1N			P		96			

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								USAF Region						Mo	Day		(Min)	Opt	Xray	See	Type
0235	MANI	13	0223E	0224U	0233D	S22	W71	3545	01	7.6	10D	SN		1	V		50	1.1			
0236	LEAR	13	0301	0301	0316	S19	W71	3545	01	7.7	15	SF		3	C		21		F		
0237	YUNN	13	0853	0857	0909	S08	E48	3549	01	17.0	16	SN			C		48	.7	D		
0238	YUNN	13	0925	0930U	0930D	S10	E46	3549	01	16.8	5D	SN		P	0930		64	1.0	D		
0239	HTPR	13	1530		1602D	S08	E46	3549	01	17.1	32D	SF			C	1600		50	.7	E	
0240		13	17479	17572	1822	S09	E44	3549	01	17.0	35	SN					52				
	RAMY	13	1747	1757	1837	S09	E43	3549	01	17.0	50	SN		3	C		43				
	HOLL	13	1756	1759	1806	S09	E44	3549	01	17.0	10	SN		3	C		60				
0241		13	18513	1855	1910	S09	E41	3549	01	16.9	19	SF					34	.5			
	BIGB	13	1851	1855	1912	S09	E41	3549	01	16.9	21	SF		3	C	1855		40	.5		
	RAMY	13	1854	1855	1908	S09	E41	3549	01	16.9	14	SF		3	C			28			
0242	HOLL	13	2126	2134	2145	S10	E37	3549	01	16.7	19	SF			C			39			
		14	19		38	No Flare Patrol															
0243	PURP	14	0039	0043	0057	S11	E38	3549	01	16.9	18	SB			C	0043		105	1.3	E	
0244	YUNN	14	0458E	0458U	0514D	S10	E34	3549	01	16.8	16D	SN			P	0458		32	.4		
0245	YUNN	14	0613	0617	0632	S12	E39	3549	01	17.2	19	SN			C			16	.2	T	
0246	YUNN	14	0749	0757	0809	S12	E38	3549	01	17.2	20	SN			C			16	.2	D	
0247		14	09498	10029	1018	S13	E37	3549A	01	17.2	29	SF						62	.8		
	KANZ	14	0949	1002	1032	S13	E38	3549A	01	17.3	43	SF		2							
	HTPR	14	0950	1011	1013	S14	E38	3549A	01	17.3	23	SN			C	1011		80	1.0		
	WEND	14	0957	1002	1010	S13	E36	3549A	01	17.1	13	SF			C	1002		44	.6		
0248	KANZ	14	1115	1115	1130	S07	E33	3549	01	16.9	15	SF			2						
		14	1152		1153	No Flare Patrol															
0249	KANZ	14	1328	1335	1405	S26	E72		01	20.1	37	SN			2					G	
0250	BIGB	14	2021	2022	2052	N03	E16	3550	01	16.0	31	SF			3	C	2022		100	1.1	
		14	2400		2400	No Flare Patrol															
0251		15	0201	0211*	0250	N04	E11	3550	01	15.9	49	SN						80	.8	DEK	
	PEKG	15	0201	0211	0250	N05	E11	3550	01	15.9	49	SN			P	0211		67	.7	DK	
	PEKG	15	0201	0232	0250	N04	E11	3550	01	15.9	49	SF			P	0232		92	1.0	E	
0252	PEKG	15	0356	0401	0425	S09	E27	3549	01	17.2	29	SN			P	0401		97	1.1	D	
0253		15	08348	0836	0858	N03	E06	3550	01	15.8	24	SF						40	.4	E	
	HTPR	15	0834	0836	0858	N04	E06	3550	01	15.8	24	SF			C	0836		30	.3	E	
	HTPR	15	0842		0904D	N02	E06	3550	01	15.8	22D	SF			C	0845		50	.5	E	
0254		15	09193	09302	0950	N02	E07	3550	01	15.9	31	SF						72	.8	DJ	
	KANZ	15	0919	0931	0950	N01	E07	3550	01	15.9	31	SF			3						
	WEND	15	0922	0932	0949	N03	E07	3550	01	15.9	27	SF			C	0932		56	.6		
	ABST	15	0928E	0930	0936D	N01	E08	3550	01	16.0	8D	SN			P	0930		87	.9	DJ	
0255		15	10252	1029*	1034	N02	E07	3550	01	15.9	9	SF						25	.3		
	KANZ	15	1025	1045	1029	N01	E07	3550	01	15.9	4	SF			3						
	WEND	15	1027	1029	1038	N03	E07	3550	01	15.9	11	SF			C	1029		25	.3		
0256	KANZ	15	1208	1208	1212	S08	E16	3549	01	16.7	4	SF			3						
0257		15	12293	1248*	1314	N02	E06	3550	01	16.0	45	SF						100	1.0		
	WEND	15	1229	1248	1313	N04	E06	3550	01	16.0	44	SF			C	1248		100	1.0		
	KANZ	15	1232	1340	1315	N01	E06	3550	01	16.0	43	SF			3						
0258	BIGB	15	1819	1833	1907	N02	E02	3550	01	15.9	48	SN			3	C	1833		160	1.7	

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																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0259	CULG	16	0342	0344	0348U	S11	E12	3549	01	17.0	6U	SF			P	0344	20	.2		
0260		16	0450E	04591	0520	N02	W04	3550	01	15.9	30D	1N					215	2.2	EJ	
	CULG	16	0450U	0459	0536U	N02	W05	3550	01	15.8	46U	1B			P	0459	220	2.2	J	
	PEKG	16	0450E	0500	0520	N03	W03	3550	01	16.0	30D	1F			P	0500	210	2.2	E	
0261	PURP	16	0628E	0628	0634	N02	W03	3550	01	16.0	6D	SN			V	0628	138	1.4		
0262		16	0815	0818	0828	N02	W06	3550	01	15.9	13	1N					168	1.8	E	
	ISTA	16	0815		0830	N02	W05	3550	01	16.0	15	1N							E	
	PEKG	16	0815	0818	0825	N03	W06	3550	01	15.9	10	SN			P	0818	168	1.8	E	
0263	WEND	16	0903	0912	0912D	N02	W03	3550	01	16.1	9D	SF			C	0912	44	.5		
0264		16	11131	11225	1133	N02	W06	3550	01	16.0	20	SF					69	.7		
	WEND	16	1113	1127	1136	N02	W04	3550	01	16.2	23	SF			C	1127	69	.7		
	KANZ	16	1114	1122	1130	N01	W07	3550	01	15.9	16	SF								
0265		16	1157	1220	1236	N02	W06	3550	01	16.0	39	SN					63	.7		
	KANZ	16	1157	1220	1235	N02	W07	3550	01	16.0	38	SN								
	WEND	16	1214E	1220	1237	N02	W05	3550	01	16.1	23D	SN			C	1220	63	.7		
0266		16	12456	1302*	1407	N02	W06	3550	01	16.1	82	SN					106	1.1	E	
	WEND	16	1245	1302	1400	N02	W04	3550	01	16.2	75	SN			C	1302	106	1.1	E	
	KANZ	16	1251	1350	1414	N01	W08	3550	01	15.9	83	SN								
0267	KANZ	16	1322	1326	1334	S08	E06	3549	01	17.0	12	SF								
		16	1439		1500	No Flare Patrol														
		16	1512		1518	No Flare Patrol														
		16	1536		1541	No Flare Patrol														
0268	HOLL	16	1605	1605	1611	N01	W09	3550	01	16.0	6	SN					41		F	
0269	HOLL	16	1608	1611	1625D	S12	E03	3549	01	16.9	17D	SF					55			
0270	HOLL	16	1639	1643	1708	S12	E03	3549	01	16.9	29	SN					111		F	
0271	HOLL	16	1750	1759	1811	N01	W11	3550	01	15.9	21	SF					48			
0272	HOLL	16	1822	1837	1847	N01	W12	3550	01	15.9	25	SF					103		F	
0273	HOLL	16	1844	1845	1853	S12	E01	3549	01	16.8	9	SF					29		F	
0274		16	19551	1956	2021	S11	E00	3549	01	16.8	26	SN					64	.9	F	
	BIGB	16	1955	1956	2026	S11	E01	3549	01	16.9	31	SN				1956	90	.9		
	HOLL	16	1956	1956	2016	S11	E00	3549	01	16.8	20	SN					37		F	
0275		16	2025	20261	2103	N02	W13	3550	01	15.9	38	SN	C 2.2				74	1.1	F	
	HOLL	16	2025	2026	2055D	N02	W13	3550	01	15.9	30D	SN					47		F	
	BIGB	16	2025	2027	2103	N02	W13	3550	01	15.9	38	SN	C 2.2			2027	100	1.1		
0276	CULG	16	2152	2157	2208D	S12	W01	3549	01	16.8	16D	SN				2157	60	.6		
0277	LEAR	16	2342E	2345	0003	S11	W01	3549	01	16.9	21D	SF					72		F	
0278		17	0056	0106	0125	S12	W02	3549	01	16.9	29	SF					45			
		17	01482	0150	0204	S10	W02	3549	01	16.9	16	SF					51	.7	EJ	
	VORO	17	0148	0150	0155	S08	E00	3549	01	17.1	7	SF				0150	72	.7	EJ	
	LEAR	17	0150	0150	0213	S11	W03	3549	01	16.8	23	SF					30			
0280	PURP	17	0348	0359U	0400D	S14	E00	3549	01	17.1	12D	SN				0359	111	1.2	E	
0281		17	0523E	05241	0526D	S12	W04	3549	01	16.9	3D	SN					139	1.4	E	
	YUNN	17	0523E	0524	0526D	S12	W03	3549	01	17.0	3D	SN				0523	177	1.8		
	PEKG	17	0525E	0525	0525D	S11	W04	3549	01	16.9	3D	SN				0525	101	1.0	E	
0282	PEKG	17	0525E	0525	0540	N02	W19	3550	01	15.8	15D	SF				0525	50	.6	D	
0283		17	0741*	0745*	0822	S15	E06	3559	01	17.8	41	1N					128	1.4	BEFK	
	YUNN	17	0741	0745	0753	S15	E06	3559	01	17.8	12	SN					48	.5	E	
	ISTA	17	0750		0900D	S16	E07	3559	01	17.8	70D	1B							BK	
	YUNN	17	0821	0841	0852	S15	E06	3559	01	17.8	31	1N					209	2.2	F	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks		
																Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)			
0284	ISTA	17	0800		0900D	S11	W31	3553	01	15.0	60D	SB						FK		
0285	ISTA	17	0800		0830	S20	W25	3558	01	15.4	30	SN						U		
0286	ISTA	17	0815		0835	S08	W05	3549	01	17.0	20	1B						H		
0287	17	0905*	0908*	0942	S15	E05	3559	01	17.7	37	SF					70	.9	H		
	YUNN	17	0905	0908	0941	S15	E05	3559	01	17.7	36	SN		C		113	1.2			
	KHAR	17	0925E	0928	0945D	S15	E05	3559	01	17.8	20D	SF		P	0929	60	.6	H		
	KANZ	17	0928	0932	0942	S15	E05	3559	01	17.8	14	SF								
	LEAR	17	0929	0930	0932D	S15	E05	3559	01	17.8	3D	SF		C		36				
0288	YUNN	17	0905E	0908	0941	S09	W29	3553	01	15.2	36D	SN		P		64	.8	D		
0289	KANZ	17	1222	1222	1230	N00	W21	3550	01	15.9	8	SF								
			17	1235		1325	No Flare Patrol													
			17	1332		1409	No Flare Patrol													
0290	HOLL	17	17041	17073	1742	N02	W25	3550	01	15.8	38	SF					39		F	
			17	1704	1707	1750D	N01	W25	3550	01	15.8	46D	SF		C		29		F	
			17	1705	1710	1742	N02	W25	3550	01	15.8	37	SF		C		49			
0291	HOLL	17	1931	1933	1944	S07	W35	3553	01	15.2	13	SF		C			29			
0292	HOLL	17	1953	1953	2024	S12	W12	3549	01	16.9	31	SF		C			25		F	
0293	RAMY	17	2035	2038	2107	S07	W13	3549	01	16.9	32	SF		C			32			
0294	HOLL	17	1950*	2012*	2111	S08	W38	3553	01	15.0	81	SN					60	1.0	FHK	
			17	1950	2012	2107	S08	W37	3553	01	15.0	77	SF		C		55		K	
			17	1950	2046	2107	S08	W37	3553	01	15.0	77	SF		C		61		FHK	
			17	2042	2046	2110D	S07	W38	3553	01	15.0	28D	SN		C		46			
			17	2043	2047	2118	S07	W38	3553	01	15.0	35	SN		C	2047	80	1.0		
0295	HOLL	17	2131	2134	2138	S07	W36	3553	01	15.2	7	SF		C			31			
0296	BIGB	17	2306	2314	2329D	S10	W15	3549	01	16.8	23D	SN		P	2314	180	1.9			
0297	LEAR	17	2343	2345	2354	S09	W15	3549	01	16.9	11	SF		C			42			
0298	CULG	17	2345	2353U	2418U	S09	W39	3553	01	15.1	33U	SN		P	2353	50	.7			
0299	CULG	18	0047	0050	0116	N09	E64	3557	01	22.8	29	SF		C	0050	80	1.0	FI		
0300	CULG	18	0055	0059	0108	S08	E38	3552A	01	20.9	13	SN		C	0059	40	.5			
0301	CULG	18	0056	0101	0120	N01	E69	3557	01	23.2	24	SF		C	0101	30				
0302	CULG	18	0100U	0105	0136U	S09	W40	3553	01	15.0	36U	SB		P	0105	130	1.7	JKT		
0303	LEAR	18	0523*	0548*	0659	S09	W15	3549	01	17.1	96	1N					265	2.8	F	
			18	0523	0548	0706	S10	W13	3549	01	17.2	103	1N		C		272		F	
			18	0538	0600	0705	S07	W15	3549	01	17.1	87	1N		C	0600	273	2.9	F	
			18	0540	0600	0645	S09	W17	3549	01	17.0	65	1N		C	0600	249	2.6		
0304	KANZ	18	0833	0825	0838	S08	W44	3553	01	15.0	5	SF							D	
			18	0817E	0825	0837	S09	W44	3553	01	15.0	20D	SF							D
			18	0833		0838	S07	W43	3553	01	15.1	5	SF							
0305	ISTA	18	0835		0844	S11	W20	3549	01	16.8	9	SF						D		
0306	KANZ	18	0948	1004	1034	S09	W46	3553	01	14.9	46	SN								
0307	KANZ	18	10275	10381	1056	S10	W27	3549	01	16.4	29	SN					75	1.2	E	
			18	1027	1038	1057	S10	W27	3549	01	16.4	30	SN							
			18	1028		1037D	S10	W27	3549	01	16.4	9D	SN		C	1034	100	1.2		
			18	1032	1039	1056	S11	W27	3549	01	16.4	24	SF		C	1039	50		E	
0308	KANZ	18	1049	1101	1111	S09	W46	3553	01	15.0	22	SF								

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																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0309	KANZ	18	1153	1204	1223	S14	W13	3559	01	17.5	30	SF		2						
0310	KANZ	18	1348	1352	1359D	S09	W47	3553	01	15.0	11D	SF		1						
0311		18	1430	1436	1446	S14	W16	3559	01	17.4	16	SB					120	1.3		
	WEND	18	1430	1436	1446	S14	W15	3559	01	17.5	16	SB		C	1436		120	1.3		
	KANZ	18	1434E		1437D	S14	W17	3559	01	17.3	3D	SB		1						
0312		18	1520	1522*	1546	S08	W49	3553	01	15.0	26	SF					36		K	
	HOLL	18	1520	1522	1546	S08	W49	3553	01	15.0	26	SF		3	C		19		K	
	HOLL	18	1520	1545	1546	S08	W49	3553	01	15.0	26	SF		3	C		53		K	
0313	HOLL	18	1538	1544	1600	S14	W14	3559	01	17.6	22	SF		3	C		51			
0314		18	1643*	1818*	2134	S08	W50	3553	01	14.9	291	SN					130			
	HOLL	18	1643	1818	2134	S09	W47	3553	01	15.2	291	SN		3	C		117			
	RAMY	18	1956	2044	2053D	S07	W52	3553	01	14.9	57D	SN		3	C		143			
0315	HOLL	18	1832	1910	1958	S11	W24	3549	01	17.0	86	SF		3	C		89			
0316	HOLL	18	1843	1845	1853	S13	W15	3559	01	17.6	10	SF		3	C		59		F	
0317	RAMY	18	1955	2019	2053D	S10	W26	3549	01	16.9	58D	SF		3	C		70			
0318	RAMY	18	2021	2052	2053D	S12	W16	3559	01	17.6	32D	SF		3	C		113			
		18	2054		2109			No Flare Patrol												
		18	2202		2222			No Flare Patrol												
0319	CULG	18	2239U	2242U	2246D	S14	W23	3559	01	17.2	7U	SF		P	2242		20	.2		
0320	CULG	18	2258U	2324	2340D	S09	W54	3553	01	14.9	42U	SN		P	2324		80	1.4	JKT	
0321	CULG	18	2308U	2309	2324U	S10	W29	3549	01	16.8	16U	SN		P	2309		50	.6	E	
		18	2345		2400			No Flare Patrol												
		19	0		4			No Flare Patrol												
		19	6		9			No Flare Patrol												
0322		19	0055E	0055	0130D	S10	W54	3553	01	15.0	35D	SN					60	1.0	EJK	
	PEKG	19	0055E	0055	0055D	S11	W53	3553	01	15.0	35D	SN		C	0055		50	.9	E	
	CULG	19	0055E	0055U	0130D	S09	W55	3553	01	14.9	35D	SN		P	0055		70	1.2	KJ	
0323	YUNN	19	0137	0143	0157D	S08	W53	3553	01	15.1	20D	SB		P			113	1.9	D	
0324	YUNN	19	0143E	0146	0157	N01	W42	3550	01	15.9	14D	SN		P	0143		48	.7	D	
0325		19	0253E	0253*	0342	N01	W44	3550	01	15.8	49D	SN					128	1.8	F	
	PURP	19	0253E	0253	0321D	N00	W44	3550	01	15.8	28D	SN		C	0253		138	1.9		
	YUNN	19	0308E	0308U	0316D	N01	W43	3550	01	15.9	8D	1B		P	0308		193	2.7	F	
	CULG	19	0312E	0314U	0342U	N00	W45	3550	01	15.8	30U	SF		P	0314		40	.6		
	PEKG	19	0316E	0318	0342	N02	W43	3550	01	15.9	26D	SN		P	0318		139	2.0	F	
0326		19	0308	0311*	0342	S08	W56	3553	01	14.9	34	SN					91	1.6	EFK	
	YUNN	19	0308	0311	0334D	S09	W54	3553	01	15.1	26D	SN		P			80	1.4	EF	
	PEKG	19	0316E	0318	0342	S07	W57	3553	01	14.9	26D	SN		C	0318		76	1.4	EK	
	PEKG	19	0316E	0340	0342	S07	W57	3553	01	14.9	26D	SN		C	0340		118	2.1	F	
0327	YUNN	19	0500	0502	0504D	S10	W55	3553	01	15.1	4D	SN		P			32	.6	DT	
0328	ABST	19	0634	0635	0643	S08	W59	3553	01	14.8	9	1N		C	0635		105	2.1	DJV	
0329		19	0758	07593	0807	S08	W57	3553	01	15.0	9	SN					72	1.4	DEJT	
	PEKG	19	0755E	0759	0805	S07	W57	3553	01	15.1	10D	SN		P	0759		50	1.0	D	
	YUNN	19	0758	0802	0807	S08	W56	3553	01	15.1	9	SB		C			80	1.5	T	
	ABST	19	0759E	0759	0809	S08	W59	3553	01	14.9	10D	SN		P	0759		87	1.8	EJ	
0330	YUNN	19	0758	0807	0832	S18	W35	3549	01	16.7	34	SN		C			48	.6	EG	
0331	HTPR	19	0805		0920	N05	W35	3564	01	16.7	75	SF		C	0825		20	.2		

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																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)			
0332		19	0839I	0840I	0853	S22	W20	3559A	01	17.8	14	SN						76	.8	DEGJ	
	ABST	19	0839	0841	0853	S22	W20	3559A	01	17.8	14	SN			C	0841		87	1.0	DJ	
	HTRP	19	0839	0841	0858	S22	W20	3559A	01	17.8	19	SF			C	0841		60	.6	E	
	KANZ	19	0840	0840	0851	S23	W19	3559A	01	17.9	11	SF		2						.9	G
	YUNN	19	0841E	0841U	0850	S23	W20	3559A	01	17.8	9D	SB			P	0841		80	.9	DG	
0333		19	08413	0843I	0856	S12	W25	3559	01	17.5	15	SN						65	.7	DJ	
	ABST	19	0841	0843	0853	S12	W25	3559	01	17.5	12	SN			C	0843		87	1.0	DJ	
	HTRP	19	0842	0844	0853	S12	W25	3559	01	17.5	11	SN			C	0844		60	.7		
	YUNN	19	0842	0844	0902	S12	W24	3559	01	17.5	20	SN			C			48	.5		
	KANZ	19	0844	0844	0855	S12	W25	3559	01	17.5	11	SF		2							
0334		19	09316	0935	1019	S08	W59	3553	01	15.0	48	SN						37	.7	DT	
	YUNN	19	0930E	0930U	0930D	S08	W57	3553	01	15.1	48D	SN			P	0930		48	.9		
	KANZ	19	0931	0935	1019	S09	W61	3553	01	14.8	48	SF		1							
	YUNN	19	0933E	0933U	0933D	S09	W60	3553	01	14.9	48D	SN			P	0933		16	.3	D	
	YUNN	19	0937	0942U	0942D	S08	W58	3553	01	15.0	5D	SN			P	0942		48	.9	T	
0335	HTRP	19	1041		1119	S07	W60	3553	01	14.9	38	SF			C	1100		30	.6		
0336	HTRP	19	1219	1220	1234	S13	W33	3549	01	17.0	15	SF			C	1220		20	.2		
0337	KANZ	19	1418	1422	1433	S10	W61	3553	01	15.0	15	SF		1							
			1434		1556	No Flare Patrol															
			1602		1745	No Flare Patrol															
0338	BIGB	19	2030	2037	2120D	S10	W40	3549	01	16.8	50D	SN		3	C	2037		130	1.7		
0339	BIGB	19	2150	2200	2305	S10	W30	3551	01	17.6	75	SN		3	C	2200		110	1.3		
0340		20	01227	01246	0135	N01	W60	3550	01	15.6	13	SF						22	.5	DEJK	
	VORO	20	0122	0124	0136	N01	W59	3550	01	15.6	14	SF			P					EJK	
	YUNN	20	0124E	0124U	0138	N00	W60	3550	01	15.6	14D	SN			P	0124		32	.7	D	
	PEKG	20	0129	0130	0132	N02	W60	3550	01	15.6	3	SF			P	0130		13	.3	D	
0341	YUNN	20	0140	0144	0200	S09	W68	3553	01	15.0	20	SN			C			16		DT	
0342		20	0222*	0224*	0234	S08	W68	3553	01	15.0	12	SN						31		DEJT	
	VORO	20	0222	0224	0259D	S08	W67	3553	01	15.1	37D	SF			P					EJ	
	YUNN	20	0223	0228	0234	S08	W68	3553	01	15.0	11	SN			C			40		DT	
	PEKG	20	0229	0230	0234	S07	W69	3553	01	14.9	5	SF			P	0230		21		E	
	YUNN	20	0235	0236	0236D	S09	W68	3553	01	15.0	1D	SN			P			32		DT	
0343		20	03154	0322	0335	S08	W68	3553	01	15.0	20	SN						40		ET	
	PEKG	20	0315	0322	0345	S06	W68	3553	01	15.0	30	SN			P	0322		71		E	
	YUNN	20	0318E	0318U	0324	S08	W68	3553	01	15.0	6D	SN			P	0318		16			
	YUNN	20	0319	0322	0336	S09	W68	3553	01	15.0	17	SN			C			32		ET	
0344		20	03172	03226	0333	S10	W42	3549	01	17.0	16	1N						142	2.0	E	
	PEKG	20	0317	0328	0330	S07	W43	3549	01	16.9	13	SN			P	0328		42	.6	E	
	YUNN	20	0319	0322	0336	S13	W40	3549	01	17.1	17	1N			C			241	3.3		
0345		20	0534*	05542	0606	S09	W71	3553	01	14.9	32	1N						123		ET	
	MITK	20	0534	0556	0607	S10	W70	3553	01	15.0	33	1N			C	0556		110			
	YUNN	20	0551	0554	0601	S09	W68	3553	01	15.1	10	SN			C			64		T	
	PEKG	20	0551E	0554	0609	S06	W73	3553	01	14.8	18D	1B			P	0554		218		E	
	CULG	20	0553U	0554U	0556D	S11	W73	3553	01	14.7	3U	1N			P	0554		100			
0346		20	06466	06565	0716	S25	E19	3566	01	21.7	30	1N						175	2.0	EFW	
	MITK	20	0646	0700	0705D	S25	E17	3566	01	22.4	19D	SN			C	0700				E	
	YUNN	20	0652	0656	0715	S25	E20	3566	01	21.8	23	1N			C			193	2.3	W	
	PEKG	20	0659E	0659	0720	S25	E18	3566	01	21.7	21D	1N			P	0659		181	2.1	F	
	PURP	20	0701E	0701	0712	S26	E20	3566	01	21.8	11D	SN			P	0701		151	1.7		
0347	ISTA	20	0655		0710	S09	E31	3567	01	22.6	15	SN									
0348	ABST	20	0845E	0846	0858	S08	W48	3549	01	16.8	13D	SF			P	0846		87	1.5	DJ	
0349		20	08593	09012	0912	S08	W48	3549	01	16.8	13	SF						72	1.1	EFJ	
	ABST	20	0859	0901	0903D	S05	W50	3549	01	16.6	4D	1N			P	0901		131	2.1	FJ	
	WEND	20	0901	0903	0910	S08	W47	3549	01	16.8	9	SF			C	0903		56	.9		
	HTRP	20	0901	0903	0915	S09	W48	3549	01	16.8	14	SF			C	0903		30	.4	E	
	KANZ	20	0902		0902D	S11	W47	3549	01	16.8	14D	SF		1							

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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)		
0350	KHAR	20	1001E	1004	1008D	S08	W46	3549	01	17.0	7D	SF			P	1004	40	.6	D	
0351		20	10393	10504	1129	S10	W48	3549	01	16.8	50	SN					141	2.1	EK	
	HTPR	20	1039	1050	1128	S11	W48	3549	01	16.8	49	1B			C	1050	180	2.7	EK	
	WEND	20	1041	1054	1136	S08	W47	3549	01	16.9	55	SF			C	1054	113	1.7		
	KANZ	20	1042	1050	1124	S11	W47	3549	01	16.9	42	SN	1							
	KHAR	20	1042E	1052	1132D	S10	W48	3549	01	16.8	50D	SN			P	1052	130	2.0	E	
0352		20	1150*	1205*	1258	N04	E29	3557	01	22.7	68	SN					139	1.6	E	
	KANZ	20	1150	1230	1305	N05	E28	3557	01	22.6	75	SN	2							
	HTPR	20	1154	1209	1247	N03	E33	3557	01	23.0	53	SN			C	1209	50	.6	E	
	WEND	20	1157	1231	1308	N04	E27	3557	01	22.5	71	1N			C	1231	425	4.9	E	
	KHAR	20	1158E	1205	1205D	N04	E34	3557	01	23.0	7D	SF			P	1205	50	.6		
	HTPR	20	1214	1216	1250	N03	E26	3557	01	22.4	36	SN			C	1216	30	.3		
0353	HTPR	20	1419	1420	1424	N01	E28	3557	01	22.7	5	SF			C	1420	20	.2		
0354		20	1848	1852	1903	S02	E22	3570	01	22.4	15	SN					69		F	
	HOLL	20	1848	1852	1859	S02	E22	3570	01	22.4	11	SN	3		C		63		F	
	RAMY	20	1848	1853	1907	S03	E23	3570	01	22.5	19	SN	3		C		75			
0355	RAMY	20	1855	1859	1902	S10	W52	3549	01	16.9	7	SF	3		C		18			
		20	2100		2121	No Flare Patrol														
		20	2303		2316	No Flare Patrol														
0356	CULG	20	2317E	2319U	2328U	N00	W56	3564	01	16.8	11U	SN			P	2319	30	.5		
0357	CULG	21	0042	0047	0102U	N02	E56		01	25.2	20U	SF			P	0047	30	.5		
0358	CULG	21	0042	0047	0100U	S12	W55	3549	01	16.9	18U	SF			P	0047	60	1.0	E	
0359	PEKG	21	0050	0055	0059	N03	W69	3550	01	15.9	9	SF			P	0055	59		E	
0360	CULG	21	0109	0120U	0122D	S01	E23	3570	01	22.8	13D	SF			P	0120	30	.3		
0361	PEKG	21	0203	0220	0228	N04	W70	3550	01	15.8	25	SN			P	0228	42		D	
0362	PEKG	21	0236	0255	0259	S09	E64	3569	01	25.9	23	SN			P	0255	34	.8	D	
0363	ABST	21	0610	0611	0710	S06	E65	3569	01	26.1	60	SF			P	0611	87		DJK	
0364	KANZ	21	0755E	0811	0931	S11	W84	3553	01	15.0	96D	SN	2							
0365		21	0845	0851	0913	S10	W64	3549	01	16.5	28	SN					58	.7	DJ	
	ABST	21	0845	0851	0900D	S09	W63	3549	01	16.6	15D	SF			P	0851	87		DJ	
	HTPR	21	0850E		0913	S10	W65	3549	01	16.5	23D	SN			C	0855	30	.7		
0366		21	09572	10012	1022	S10	W86	3553	01	14.9	25	SN					31		DH	
	WEND	21	0957	1003	1028	S08	W85	3553	01	15.0	31	SN			C	1003	31		DH	
	KHAR	21	0958E	1001	1005D	S11	W90	3553	01	14.6	7D	SN			P	1000				
	KANZ	21	0959	1003	1015	S11	W84	3553	01	15.1	16	SN	2							
0367		21	10261	1031	1037	S08	E58	3569	01	25.8	11	SF					38	.7		
	WEND	21	1026	1031	1039	S09	E58	3569	01	25.8	13	SF			C	1031	38	.7		
	KANZ	21	1027	1031	1035	S07	E58	3569	01	25.8	8	SF	3							
0368	WEND	21	1035	1037	1049	S08	W87	3553	01	14.9	14	SF			C	1037	19			
0369		21	10524	11061	1120	N05	E13	3557	01	22.4	28	SF					70	.9	E	
	HTPR	21	1052		1106D	N05	E18	3557	01	22.8	14D	SN			C	1057	6	.6	E	
	KHAR	21	1054E		1127D	N07	E09	3557	01	22.1	33D	SF			P	1113	100	1.1	E	
	HTPR	21	1055		1106D	N03	E05	3557	01	21.8	11D	SN			C	1059	50	.5	E	
	KANZ	21	1055	1107	1123	N06	E18	3557	01	22.8	28	SF	3							
	WEND	21	1056	1106	1117	N06	E16	3557	01	22.6	21	SF			C	1106	125	1.4	E	
0370		21	1205	1212	1250	S04	E12	3570	01	22.4	45	SN					146	1.5	E	
	HTPR	21	1205E		1227D	S04	E13	3570	01	22.5	22D	SN			C	1210	180	1.8	E	
	WEND	21	1205	1212	1250	S03	E12	3570	01	22.4	45	SN			C	1212	113	1.2		
	KANZ	21	1205	1212	1251	S04	E12	3570	01	22.4	46	SN	3							

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								USAF Region					Mo	Day	Time (UT)		Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0371		21	12413	12431	1254	S16	W66	3549	01	16.5	13	SF			38				
	WEND	21	1241	1243	1254	S14	W67	3549	01	16.5	13	SF	C	1243	38				
	KANZ	21	1244	1244	1255	S17	W65	3549	01	16.6	11	SF	2						
0372	WEND	21	1312		1330	S08	W88	3553	01	14.9	18	SN		C	1318	20			
0373	RAMY	21	1412	1438	1455	S07	E54	3569	01	25.6	43	SF		3	C		106		
		21	1529		1752	No Flare Patrol													
0374	HOLL	21	1603	1603	1615	S04	E10	3570	01	22.4	12	SF		3	C		24		
0375	HOLL	21	1606	1606	1612	S07	E56	3569	01	25.9	6	SF		3	C		15		F
0376	HOLL	21	1625	1627	1635	S07	E54	3569	01	25.7	10	SF		3	C		28		F
0377		21	1803	1848	1949	S04	E09	3570	01	22.4	106	SN					96	.9	
	RAMY	21	1803	1848	1946	S04	E09	3570	01	22.4	103	SN	3	C		101			
	BIGB	21	1803	1848	1952	S04	E09	3570	01	22.4	109	SN	3	C	1848	90	.9		
0378		21	19482	19492	2008	S09	E54	3569	01	25.9	20	SN					55	1.2	
	HOLL	21	1948	1949	2007	S09	E54	3569	01	25.9	19	SF	3	C		40			
	BIGB	21	1950	1951	2008	S09	E54	3569	01	25.9	18	SN	3	C	1951	70	1.2		
0379	HOLL	21	1956	2003	2015	N04	E11	3557	01	22.6	19	SF		3	C		83		F
0380	HOLL	21	2013	2014	2019	S05	E09	3570	01	22.5	6	SF		3	C		33		F
0381		21	22383	2249	2322D	S04	E07	3570	01	22.5	44D	1B					183	1.5	J
	HOLL	21	2238	2249	2322D	S04	E07	3570	01	22.5	44D	1N	3	C		216			
	CULG	21	2241	2248U	2312D	S03	E07	3570	01	22.5	31D	SB		P	2248	150	1.5	J	
		21	2253		2309	No Flare Patrol													
0382	CULG	22	0057	0100	0123	S04	E06	3570	01	22.5	26	SN			C	0100	60	.6	D
0383		22	0136	0140*	0216	N07	W25	3556	01	20.2	40	SB					109	1.5	EJK
	VORO	22	0136	0140	0211	N07	W25	3556	01	20.2	35	SB		C	0140	125	1.4	EJ	
	CULG	22	0137E	0141	0224	N07	W25	3556	01	20.2	47D	SB		P	0141	140	1.6	KE	
	PEKG	22	0153E	0200	0212	N08	W26	3556	01	20.1	19D	SN		P	0200	63		E	
0384		22	02562	02591	0316	N02	W86	3550	01	15.7	20	SN					32		D
	PEKG	22	0256	0259	0317	N04	W85	3550	01	15.8	21	SN		C	0259	34		D	
	CULG	22	0258	0300	0314	N01	W87	3550	01	15.6	16	SF		C	0300	30			
0385		22	0310E	0314	0330D	S08	E51	3569	01	25.9	20D	SN					39	.6	DJKT
	CULG	22	0310U	0314	0330U	S07	E51	3569	01	25.9	20U	SN		C	0314	40	.6	JKT	
	PEKG	22	0314E	0314	0314D	S09	E51	3569	01	26.0	20D	SN		P	0314	38	.6	D	
0386		22	0359	03592	0405	S08	E50	3569	01	25.9	6	SN					54	.8	DJKT
	CULG	22	0355U	0359	0415U	S07	E51	3569	01	26.0	20U	SN		C	0359	40	.6	JKT	
	PEKG	22	0359	0401	0405	S09	E50	3569	01	25.9	6	SN		P	0401	67	1.1	D	
0387		22	0423*	0444*	0507	N05	W81	3550	01	16.1	44	1B					122		AEFHV
	PEKG	22	0423	0445	0502	N06	W78	3550	01	16.3	39	2B			P	0445	252		FAH
	CULG	22	0440	0444	0457U	N03	W85	3550	01	15.8	17U	1N		C	0444	70		V	
	PEKG	22	0440	0452	0510	N05	W80	3550	01	16.2	30	1B		P	0452	126		F	
	PEKG	22	0440	0503	0510	N05	W82	3550	01	16.1	30	SN		P	0503	42		E	
0388	CULG	22	0547	0550	0631	S05	E48	3569	01	25.8	44	SF		C	0550	50	.8	J	
0389	CULG	22	0720	0722	0737	S07	E50	3569	01	26.0	17	SF		C	0722	30	.5	J	
0390	ABST	22	0738E	0748	0809D	N14	W25	3568	01	20.4	31D	SF		P	0848	131	1.6	EJ	
0391	PEKG	22	0750	0754	0758	S09	E48	3569	01	25.9	8	SF		P	0754	8	.1	D	
0392	RAMY	22	1255	1256	1312	S07	E43	3569	01	25.7	17	SN		3	C		27		
0393		22	14571	14594	1512	S10	W77	3549	01	16.8	15	SF					20		E
	RAMY	22	1457	1459	1518	S10	W76	3549	01	16.9	21	SF	3	C					
	HTPR	22	1458	1503	1506	S09	W78	3549	01	16.8	8	SF		C	1503	20		E	

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																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
			22 1548		2059			No Flare Patrol												
			22 2131		2135			No Flare Patrol												
0394	CULG	22	2259	2305U	2404	S06	E39	3569	01	25.9	65	SN			P	2305	60	.8	J	
0395		22	2307	2310	2334	N10	W34	3568	01	20.4	27	SN					47	.8	FJ	
	CULG	22	2307	2310	2333	N09	W35	3568	01	20.3	26	SN			C	2310	60	.8	J	
	LEAR	22	2316E	2316U	2354	N11	W33	3568	01	20.5	18D	SF	3		C		34		F	
0396	CULG	22	2334	2342	2400	N02	E29		01	25.1	26	SF			C	2342	30	.4		
		23	922		1007			No Flare Patrol												
0397	ABST	23	0630	0632	0640	S08	E35	3569	01	25.9	10	SF			C	0632	87	1.1	DJ	
		23	1028		1123			No Flare Patrol												
		23	1139		1201			No Flare Patrol												
0398	KANZ	23	1213	1221	1258	N02	W13	3557	01	22.5	45	1N		3					F	
		23	1309		1322			No Flare Patrol												
		23	1511		1533			No Flare Patrol												
0399	HOLL	23	2233	2238	2256	N04	W19	3557	01	22.5	23	SF		3	C		58			
0400		24	0505	0507	0514	S02	W24	3570	01	22.4	9	SN					34	.4	EF	
	LEAR	24	0505	0507	0512	S02	W24	3570	01	22.4	7	SF	3		C		36		F	
	YUNN	24	0507E	0507U	0516	S02	W24	3570	01	22.4	9D	SN			P	0507	32	.4	E	
0401	ABST	24	0736	0738	0748	N13	W56	3568	01	20.1	12	SN			C	0748	87	1.7	DK	
0402	ABST	24	0756	0759	0808	N05	W26	3557	01	22.4	12	SF			C	0759	87	.9	DJ	
		24	1034		1254			No Flare Patrol												
0403	RAMY	24	1302	1322	1340	N02	W30	3557	01	22.3	38	SF		3	C		49			
0404	RAMY	24	1348	1350	1409	N04	W29	3557	01	22.4	21	SN		3	C		85			
		24	1411		1447			No Flare Patrol												
0405		24	1635	1637	1656	N02	W31	3557	01	22.4	21	SF					26			
	RAMY	24	1623E	1632U	1705	N04	W30	3557	01	22.4	42D	SF	3		C		29			
	HOLL	24	1635	1637	1647	N01	W32	3557	01	22.3	12	SF	3		C		23			
0406	RAMY	24	1711	1728	1731	N11	W60	3568	01	20.2	20	SF		3	C		15			
0407		24	1722	1722*	1737.	N20	E41	3572	01	27.8	15	SF					20		K	
	RAMY	24	1722	1722	1737	N20	E41	3572	01	27.8	15	SF	3		C		18		K	
	RAMY	24	1722	1733	1737	N20	E41	3572	01	27.8	15	SF	3		C		21		K	
0408	RAMY	24	1816	1819	1842	N04	W30	3557	01	22.5	26	SF		3	C		44			
0409		24	1949*	1959*	2110	N09	E82	3573	01	31.0	81	1B					130	38.4		
	PALE	24	1947E	2001	2030D	N12	E85	3573	01	31.2	43D	SN	2		C					
	HOLL	24	1949	1959	2113	N07	E77	3573	01	30.6	84	1B	3		C					
	BIGB	24	1949	2002	2105	N11	E88	3573	01	31.4	76	1B	3		C	2002	130	38.4		
	HOLL	24	2012	2012	2113	N07	E77	3573	01	30.6	61	1B	3		C					
0410		24	2020	2022	2056	N04	W30	3557	01	22.6	36	SN					106	1.1		
	BIGB	24	2020	2022	2056	N04	W30	3557	01	22.6	36	SN	3		C	2022	90	1.1		
	HOLL	24	2020	2022	2056	N04	W30	3557	01	22.6	36	SN	3		C		123			
0411		24	2123	2129	2136	N20	E69	3574	01	30.2	13	SN					70	2.0		
	HOLL	24	2123	2129	2136	N20	E69	3574	01	30.2	13	SN	3		C					
	BIGB	24	2123	2129	2136	N20	E69	3574	01	30.2	13	SN	3		C	2129	70	2.0		
0412	CULG	24	2139	2141	2146	S01	W36	3570	01	22.2	7	SN			C	2141	130	1.5		
0413	CULG	25	0101	0106	0123	N03	W37	3557	01	22.3	22	SN			C	0106	60	.7	F	

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																	(10 ⁻⁶)	Disk	
0414	CULG	25	0406	0410	0415	N22	E65	3574	01	30.2	9	1N			C	0410	80	2.3	
0415		25	06082	06103	0629	N02	W41	3570	01	22.2	21	SF	C 2.5				62	.8	DJ
	LEAR	25	0608	0610	0636	N02	W40	3570	01	22.3	28	SF		3	C		57		
	ABST	25	0608E	0612	0626D	N04	W41	3570	01	22.2	18D	SF			P	0612	87	1.2	DJ
	CULG	25	0608	0612	0628	N02	W42	3570	01	22.1	20	SF	C 2.5		C	0612	70	.9	
	YUNN	25	0610	0613	0623	S01	W41	3570	01	22.2	13	SN			C		32	.4	
0416	ABST	25	0700	0711	0817	N21	E31	3572	01	27.7	77	SF			C	0711	114	1.6	FJ
0417	YUNN	25	0705E	0705U	0712	N00	W41	3570	01	22.2	7D	SN			P	0751	16	.2	E
0418	ABST	25	0746	0753	0811	N07	E90	3573	02	1.1	25	1F			C	0753	87		ADJ
		25	1029		1252	No Flare Patrol													
0419		25	13265	13315	1353	N07	E79	3578A	01	31.5	27	SN					25		
	WEND	25	1326	1331	1353	N06	E81	3578A	01	31.6	27	SF			C	1331	25		
	KANZ	25	1328	1336	1355	N08	E76	3578A	01	31.2	27	SN		3					
	RAMY	25	1331	1334	1352	N07	E80	3578A	01	31.5	21	SN		3	C				
0420		25	1336	13401	1406	N20	E28	3572	01	27.7	30	SN					64		
	RAMY	25	1329E	1341	1411	N20	E27	3572	01	27.6	42D	SN		3	C		64		
	KANZ	25	1336	1340	1402	N21	E28	3572	01	27.7	26	SF		3					
0421	RAMY	25	1338	1343	1358	N01	W43	3557	01	22.3	20	SF		3	C		49		
0422		25	1441	14432	1450	N20	E28	3572	01	27.7	9	SN	C 3.6				84	.9	
	RAMY	25	1441	1443	1450	N19	E27	3572	01	27.7	9	SN		3	C		99		
	WEND	25	1441	1445	1449	N21	E29	3572	01	27.8	8	SF	C 3.6		C	1445	69	.9	
0423	RAMY	25	1453	1454	1506	N20	E29	3572	01	27.8	13	SF		3	C		29		
0424	HOLL	25	1508	1513	1525	N02	W43	3557	01	22.4	17	SF		3	C		23		
0425	RAMY	25	1532	1532	1600	N07	E79	3578A	01	31.6	28	SF		3	C				
0426		25	1533*	1555	1629	N02	W44	3557	01	22.4	56	1B					388		EF
	RAMY	25	1533	1555	1555D	N02	W43	3557	01	22.4	22D	1B		3	C		379		FE
	HOLL	25	1549	1555	1629	N02	W44	3557	01	22.4	40	1N		3	C		398		F
0427	RAMY	25	1537	1539	1548	S07	E01	3569	01	25.7	11	SF		3	C		32		
0428	RAMY	25	1621	1641	1655	N20	E27	3572	01	27.7	34	SF		3	C		63		
0429	RAMY	25	1621	1624	1639	N09	E73	3573	01	31.2	18	SF		3	C		19		
0430	RAMY	25	1654	1655	1705	N09	E73	3573	01	31.2	11	SF		3	C		10		
0431	HOLL	25	1736	1750	1759	N01	W44	3557	01	22.4	23	SF		3	C		18		
0432		25	18016	1810	1832	N03	W47	3557	01	22.2	31	SN					60	1.1	
	HOLL	25	1801	1810	1826	N02	W46	3557	01	22.3	25	SN		3	C		51		
	BIGB	25	1807	1810	1839	N04	W48	3557	01	22.2	32	SF		3	C	1810	70	1.1	
0433		25	18201	1821	1838	N20	E25	3572	01	27.7	18	SN					61	.9	
	BIGB	25	1820	1821	1848	N21	E25	3572	01	27.7	28	SN		3	C	1821	80	.9	
	HOLL	25	1821	1821	1828	N19	E25	3572	01	27.7	7	SN		3	C		42		
0434		25	2048	20524	2117	N02	W48	3557	01	22.3	29	SB	C 6.3				126	2.0	EF
	HOLL	25	2048	2052	2129	N02	W47	3557	01	22.3	41	SB		3	C		108		FE
	CULG	25	2048	2053	2102	N01	W48	3557	01	22.3	14	SB	C 6.3		C	2053	90	1.3	F
	BIGB	25	2055E	2056	2120	N02	W48	3557	01	22.3	25D	1N		3	C	2056	180	2.8	
0435	HOLL	25	2053	2058	2106	S11	W08	3569	01	25.3	13	SF		3	C		34		F
0436		25	21402	21421	2156	N02	W48	3557	01	22.3	16	1N					79	2.0	F
	BIGB	25	2140	2143	2203	N02	W48	3557	01	22.3	23	1N		3	C	2143	130	2.0	
	HOLL	25	2142	2142	2149	N02	W48	3557	01	22.3	7	SN		3	C		28		F
0437	HOLL	25	2243	2246	2310	N01	W49	3557	01	22.3	27	SN		3	C		71		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
																	(10 ⁻⁶)	(Sq Deg)	
0438	HOLL	25	2323	2324	2339	S16	E79	3576	02	1.0	16	SF		3	C				
0439		26	0209*	0213*	0250	S02	W51	3557	01	22.3	41	1B	C 5.7				189	3.9	FIKW
	CULG	26	0209	0230U	0244	S04	W53	3557	01	22.1	35	1B	C 5.7			0230	220	3.7	FI
	LEAR	26	0210	0213	0244	N01	W50	3557	01	22.3	34	SN		3	C		108		F
	YUNN	26	0211E	0217	0250	S03	W52	3557	01	22.2	39D	1B					225	3.7	F
	YUNN	26	0211E	0223	0250	S03	W51	3557	01	22.3	39D	1B					241	3.9	FKW
	PALE	26	0217E	0217U	0300D	S01	W46	3557	01	22.6	43D	SN		1	C		80		
	PEKG	26	0220	0228	0305	S01	W53	3557	01	22.1	45	1N				0228	260	4.4	F
0440	CULG	26	0322	0325	0328	N21	E17	3572	01	27.4	6	SN				0325	60	.7	
0441	PEKG	26	0323	0325	0410	S03	W53	3570	01	22.2	47	SN				0325	63	1.1	D
0442	CULG	26	0413	0414	0417	N21	E18	3572	01	27.5	4	SB				0414	40	.4	
0443	LEAR	26	0451	0452	0459	S13	E73	3576	01	31.7	8	SF		3	C		43		H
0444	MANI	26	0625E	0625U	0629D	S12	E84	3576	02	1.6	4D	SN		1	V		15	.4	
0445	YUNN	26	0718	0722	0734	N00	W53	3557	01	22.3	16	SN					48	.8	D
0446	YUNN	26	0754	0759	0810	N14	E66	3573	01	31.3	16	SN					24		D
0447		26	08123	08181	0825	S12	E75	3576	02	1.0	13	1N					80		F
	YUNN	26	0812	0818	0822	S13	E74	3576	01	31.9	10	1B					80		
	LEAR	26	0812	0818	0825	S13	E76	3576	02	1.1	13	1F		3	C				F
	KANZ	26	0815	0819	0827	S11	E75	3576	02	1.0	12	SN		3					
0448	KANZ	26	0945	0953	0957	S12	E75	3576	02	1.0	12	SF		3					
0449		26	0949*	0950*	1033	N04	W53	3557	01	22.4	44	SN					110	2.6	DFL
	LEAR	26	0949	0950	0953	N00	W55	3557	01	22.3	4	SF		3	C		17		F
	KANZ	26	0949	1024	1051	N03	W53	3557	01	22.4	62	1N		3					
	MONT	26	1001	1024	1047	N05	W52	3557	01	22.5	46	SN				1024	150		L
	CATA	26	1020E	1020	1020D	N05	W52	3557	01	22.5	46D	1		1	P	1020	225	3.8	
	LVOV	26	1025	1028	1040	N06	W56	3557	01	22.2	15	SF				1028	50	1.3	D
0450	LVOV	26	1048	1054	1114	N06	W56	3557	01	22.2	26	1F				1054	100	2.6	E
0451	KANZ	26	1137		1303	S13	E75	3576	02	1.1	86	SF		3					L
0452	HTPR	26	1233	1237	1305	S14	E37	3577	01	29.3	32	SN				1237	50	.6	
0453	KANZ	26	1349	1353	1401	N10	E90	3579	02	2.3	12	SN		3					A
0454	BIGB	26	1547	1549	1701	N03	W60	3557	01	22.2	74	SN		3	C	1549	80	1.6	
0455	BIGB	26	1559	1602	1615	S12	E79	3576	02	1.6	16	1N		3	C	1602	80	4.3	
0456	BIGB	26	1732	1735	1749	N10	E60	3573	01	31.2	17	SN		3	C	1735	70	1.4	
0457		26	18241	18278	1844	S12	E74	3576	02	1.3	20	SN					70	2.8	
	BIGB	26	1824	1827	1850	S12	E75	3576	02	1.4	26	SN		3	C	1827	70	2.8	
	HOLL	26	1825	1835	1838	S13	E74	3576	02	1.3	13	SN		3	C				
0458		26	19152	19171	1924	S12	E74	3576	02	1.4	9	SN					60	2.4	F
	BIGB	26	1915	1917	1926	S12	E75	3576	02	1.4	11	SN		3	C	1917	60	2.4	
	HOLL	26	1917	1918	1922	S13	E74	3576	02	1.4	5	SF		3	C				F
0459	HOLL	26	1927	1927	1932	S09	E60	3578	01	31.3	5	SF		3	C		18		
0460	HOLL	26	1955	2000	2009	N08	W71	3552	01	21.5	14	SF		3	C				
0461	HOLL	26	2023	2028	2039	S14	E34	3577	01	29.4	16	SF		3	C		22		
0462	LEAR	27	0205	0205	0211	S15	E75	3576	02	1.8	6	SF		3	C				H
0463		27	02152	02175	0223	S11	E66	3576	02	1.0	8	1F					86	1.7	F
	CULG	27	0215	0217	0226	S10	E67	3576	02	1.1	11	1N				0217	110		F
	LEAR	27	0217	0217	0221D	S12	E66	3576	02	1.1	4D	1F		3	C		136		
	PALE	27	0217	0218	0220	S11	E65	3576	02	1.0	3	SF		1	C		18		
	MANI	27	0220E	0222	0225D	S12	E67	3576	02	1.1	5D	SF		1	V		80	1.7	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp Opt	Xray	Obs See	Type	Area Measurement		Remarks	
															Time (UT)	Apparent (10 ⁻⁶ Disk)		Corr (Sq Deg)
0464	MANI	27	0223E	0223U	0228D	S14	E32	3577	01	29.5	5D	SF	1	V	40	.5		
0465	YUNN	27	0454	0458	0510	S14	E28	3577	01	29.3	16	SN		C	24	.3	D	
0466	27	0535	0537	0555	S14	E29	3577	01	29.4	20	SN			68	1.3			
	MANI	27	0530E	0532U	0545D	S13	E30	3577	01	29.5	15D	SN	1	V	110	1.3		
	LEAR	27	0535	0537	0555	S14	E28	3577	01	29.3	20	SF	3	C	27			
0467	LEAR	27	0617	0618	0628	S16	E74	3576	02	1.9	11	SF	3	C				
0468	27	06173	06241	0637	S13	E27	3577	01	29.3	20	SF			24	.2	D		
	LEAR	27	0617	0625	0645	S15	E28	3577	01	29.4	28	SF	3	C	34			
	CULG	27	0620	0624	0631	S12	E28	3577	01	29.4	11	SF		C	20	.2		
	YUNN	27	0626E	0626U	0634	S13	E26	3577	01	29.2	8D	SN		P	19	.2	D	
0469	LEAR	27	0637	0638	0645	N02	W66	3557	01	22.3	8	SF	3	C	24			
0470	LEAR	27	0638	0647	0658	S15	E73	3576	02	1.8	20	SF	3	C	15			
0471	27	06383	06423	0659	S09	E56	3578	01	31.5	21	SF			28	.3	DF		
	YUNN	27	0638	0642	0659	S09	E55	3578	01	31.4	21	SN		C	16	.3	D	
	CULG	27	0641	0643	0655	S08	E56	3578	01	31.5	14	SF		C	20	.3		
	LEAR	27	0641	0645	0704	S10	E56	3578	01	31.5	23	SF	3	C	47		F	
0472	LEAR	27	0705	0706	0712	S13	E65	3576	02	1.2	7	SF	3	C	35			
0473	27	07234	07262	0733	S11	E64	3576	02	1.1	10	SN			65	1.2	DK		
	CULG	27	0723	0726	0731	S11	E65	3576	02	1.2	8	SN		C	40	.9		
	LEAR	27	0723	0727	0734	S13	E64	3576	02	1.1	11	SN	3	C	99			
	YUNN	27	0726E	0726U	0735	S13	E62	3576	02	1.0	9D	SB		P	48	1.0	D	
	PURP	27	0727	0728	0732	S13	E65	3576	02	1.2	5	SN		C	72	1.6		
	TACH	27	0727E	0728	0732D	S08	E64	3576	02	1.1	5D	SN		C	728		DK	
0474	27	0759*	0815	0822	S14	E26	3577	01	29.3	23	SN			68	.8	E		
	YUNN	27	0759	0815	0825	S15	E26	3577	01	29.3	26	SN		C	16	.2	E	
	HTPR	27	0813	0815	0819	S14	E25	3577	01	29.2	6	SN		C	120	1.3	E	
0475	HTPR	27	0805		0825	S10	W25	3569	01	25.4	20	SF		C	0811	50	.6	E
0476	ABST	27	0856	0902	0906D	S16	E28	3577	01	29.5	10D	SF		P	0902	175	2.0	EJ
0477	YUNN	27	0913	0917	0937	S15	E25	3577	01	29.3	24	SN		C	64	.7	E	
0478	HTPR	27	1112	1122	1132	S14	E23	3577	01	29.2	20	SN		C	1122	60	.7	E
0479	HTPR	27	1153	1214	1235	S13	E22	3577	01	29.1	42	SB		C	1214	80	.8	EK
0480	HTPR	27	1200	1203	1209	S12	E60	3576	02	1.0	9	SN		C	1203	30	.6	
0481	HTPR	27	1303		1307	S12	E60	3576	02	1.1	4	SN		C	1304	40	.8	E
0482	HTPR	27	1348	1353	1400	S13	E22	3577	01	29.2	12	SB		C	1353	80	.8	E
0483	HTPR	27	1412	1413	1416	S15	E63	3576	02	1.4	4	SB		C	1413	30	.7	
0484	27	1440	1444	1454	S13	E22	3577	01	29.3	14	SN			35	.2	F		
	HOLL	27	1422E	1429U	1500	S14	E22	3577	01	29.3	38D	SN	3	C	50		F	
	HTPR	27	1440	1444	1449	S12	E21	3577	01	29.2	9	SN		C	1444	20	.2	
0485	27	1619*	1638*	1750	S12	E60	3576	02	1.2	91	SN			62	1.5	EFK		
	HOLL	27	1619	1638	1822	S13	E64	3576	02	1.5	123	SF	3	C	88		K	
	HOLL	27	1619	1745	1822	S13	E64	3576	02	1.5	123	SB	3	C	5		FEK	
	BIGB	27	1636	1638	1649	S12	E59	3576	02	1.1	13	SN	3	C	1638	60	1.2	
	BIGB	27	1717	1720	1740	S11	E58	3576	02	1.1	23	SN	3	C	1720	80	1.6	
	BIGB	27	1742	1744	1758	S14	E58	3576	02	1.1	16	SB	3	C	1744	80	1.6	
0486	HOLL	27	1710E	1724	1751	S09	E47	3578	01	31.2	41D	SF	3	C	26			
0487	HOLL	27	1952	1952	2003	N11	E51	3573	01	31.7	11	SF	3	C	16			
0488	HOLL	27	1952	2000	2031	S09	E44	3578	01	31.1	39	SN	3	C	29		F	

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Grp #	Sta	Start 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)		
0489	HOLL	27	2011	2012	2019	N21	E29	3574	01	30.1	8	SF		3	C		50			
0490		27	20261	20466	2145	S14	E20	3577	01	29.4	79	SN					123		1.6	F
	HOLL	27	2026	2052	2217	S13	E19	3577	01	29.3	111	SN		3	C		96			F
	BIGB	27	2027	2046	2113	S14	E20	3577	01	29.4	46	SN		3	C	2046	150		1.6	
0491		27	2044	20461	2105	S11	W33	3569	01	25.4	21	SN					72		1.0	F
	HOLL	27	2044	2046	2109	S11	W33	3569	01	25.4	25	SF		3	C		64			F
	BIGB	27	2044	2047	2101	S11	W33	3569	01	25.4	17	SN		3	C	2047	80		1.0	
0492		27	21092	21133	2134	S12	E56	3576	02	1.1	25	1B					257		2.9	JW
	HOLL	27	2109	2116	2137	S13	E61	3576	02	1.5	28	2B		3	C		509			
	BIGB	27	2111	2113	2148	S14	E57	3576	02	1.2	37	SB		3	C	2113	100		1.9	
	CULG	27	2111	2114	2122	S09	E54	3576	01	31.9	11	1B			C	2114	240		3.9	WJ
	PALE	27	2111	2116	2130	S13	E54	3576	01	31.9	19	1N		2	C		180			
0493		27	2159	2209	2219	S12	E54	3576	02	1.0	20	SN					108			F
	HOLL	27	2159	2209	2219	S13	E53	3576	01	31.9	20	SN		3	C		116			
	PALE	27	2209E	2210U	2222D	S10	E55	3576	02	1.0	13D	SN		2	C		100			F
0494		27	22432	22469	2314	S12	E53	3576	01	31.9	31	SB					193		3.4	FHK
	HOLL	27	2243	2247	2310	S12	E52	3576	01	31.9	27	SB		3	C		196			K
	HOLL	27	2243	2255	2310	S12	E52	3576	01	31.9	27	1B		3	C		237			FHK
	CULG	27	2244	2248	2305	S11	E53	3576	01	31.9	21	1B			C	2248	320		4.9	
	BIGB	27	2245	2246	2331	S11	E55	3576	02	1.1	46	SB		3	C	2246	100		1.8	
	PALE	27	2247E	2049U	2306D	S13	E53	3576	01	31.9	19D	SB		2	C		115			
0495	CULG	27	2318	2324	2328	S09	W30	3569	01	25.7	10	SN			C	2324	30		.3	
0496		27	2338	23356	2356	S12	E17	3577	01	29.3	18	1N					265		2.9	ET
	MITK	27	2334E	2335	2357	S13	E17	3577	01	29.3	23D	1F			C	2335	440		4.8	E
	CULG	27	2338	2341	2356	S12	E17	3577	01	29.3	18	SN			C	2341	90		1.0	T
0497	HOLL	27	2338	2340	2351D	S10	W35	3569	01	25.3	13D	SF		3	C		57			F
0498	CULG	27	2350	2352	2355	N14	E56	3575	02	1.2	5	SN			C	2352	40		.7	
0499	CULG	28	0013	0015	0021	S14	E17	3577	01	29.3	8	SN			C	0015	50		.5	T
0500	YUNN	28	0042E	0042U	0109	S14	E17	3577	01	29.3	27D	2N			P	0042	611		6.6	EZ
0501	YUNN	28	0051E	0051U	0109	S16	E56	3576	02	1.3	18D	SN			P	0051	64		1.2	E
0502	CULG	28	0125	0127	0130	S10	E54	3576	02	1.1	5	SF			C	0127	30		.5	
0503		28	0128*	0128*	0223	S13	E16	3577	01	29.3	55	SB					114		1.2	EFT
	PURP	28	0128	0128	0310	S13	E17	3577	01	29.3	102	SN			C	0128	46		.5	E
	YUNN	28	0147	0151	0204	S13	E15	3577	01	29.2	17	1B			P		225		2.4	F
	CULG	28	0151	0151	0155	S13	E15	3577	01	29.2	4	SB			C	0151	70		.7	T
0504		28	02062	02111	0222	N22	W06	3572	01	27.6	16	SN					98		1.1	D
	YUNN	28	0206	0211	0218	N21	W05	3572	01	27.7	12	SN			C		96		1.1	D
	CULG	28	0208	0212	0226	N22	W06	3572	01	27.6	18	SF			C	0212	100		1.1	
0505	YUNN	28	0211E	0211U	0211D	S16	E84	3591	02	3.5	18D	1N			P	0211	80			D
0506	YUNN	28	0251	0254	0302	N21	W06	3572	01	27.6	11	SN			C		48		.6	E
0507		28	03022	03054	0316	S13	E51	3576	02	1.0	14	SN					116		1.9	DFT
	YUNN	28	0302	0307	0313	S15	E50	3576	01	31.9	11	SN			C		24		.4	DT
	CULG	28	0304	0309	0326	S11	E50	3576	01	31.9	22	1N			C	0309	220		3.5	F
	PURP	28	0305E	0305	0310	S13	E52	3576	02	1.0	5D	SB			V	0305	105		1.7	
0508	YUNN	28	0307	0311	0326	S13	E19	3577	01	29.6	19	SN			C		80		.9	FT
0509	YUNN	28	0343	0351	0407	S14	E15	3577	01	29.3	24	SN			C		80		.9	FT
0510		28	04369	0440*	0502	S12	E52	3576	02	1.1	26	SN					65		1.1	EFKT
	CULG	28	0436	0450	0503	S12	E57	3576	02	1.5	27	SF			C	0450	70		1.2	FT
	YUNN	28	0439	0440		S14	E50	3576	02	1.0		SN			C		48		.8	ET
	PURP	28	0445	0446	0454D	S13	E52	3576	02	1.1	9D	SN			C	0446	111		1.8	E
	YUNN	28	0447E	0447	0500	S10	E51	3576	02	1.0	13D	SN			C		32		.5	EKT

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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)	
0511		28	0514*	05261	0540	S14	E50	3576	02	1.0	26	SB				0526	96	1.5	DFT
	CULG	28	0514	0526	0542	S12	E50	3576	02	1.0	28	SB			C	0526	110	1.7	
	YUNN	28	0521	0526	0534	S15	E48	3576	01	31.8	13	SB			C	0526	64	1.0	DT
	MANI	28	0526E	0526	0529D	S15	E50	3576	02	1.0	3D	SN		1	V	0526	85	1.4	F
	PURP	28	0526	0527	0543	S15	E52	3576	02	1.2	17	SN			C	0527	124	1.9	
0512		28	06392	06435	0704	S10	E52	3576	02	1.2	25	1B				0643	333	5.4	EFHJT
	ABST	28	0639	0643	0659	S10	E54	3576	02	1.3	20	1N			C	0643	218	3.7	EJ
	CULG	28	0641	0644	0714	S08	E50	3576	02	1.0	33	2B			C	0644	380	5.7	FJ
	YUNN	28	0641	0648	0700	S10	E51	3576	02	1.1	19	SB			C	0644	80	1.3	FT
	PURP	28	0643E	0645	0704	S12	E53	3576	02	1.3	21D	2B			C	0645	655	10.9	H
0513		28	0638*	0700*	0812	N08	E42	3573	01	31.4	94	2B					814	11.7	FH1JKWZ
	ABST	28	0638	0706	0808	N05	E44	3573	01	31.6	90	2N			C	0706	786	11.4	FJK
	CULG	28	0648	0709	0840D	N12	E42	3573	01	31.4	112D	2B			P	0709	820	11.4	FI
	PURP	28	0649	0700	0721D	N07	E46	3573	01	31.7	32D	3B			C	0708	917	14.0	KWH
	PURP	28	0649	0708	0721	N07	E46	3573	01	31.7	32	3B			C	0708			
	ATHN	28	0655E	0720	0815	N09	E42	3573	01	25.1	80D	2B		2	V	0720	477	6.9	
	YUNN	28	0656	0715	0830	N08	E41	3573	01	31.4	94	3B			C	0720	884	12.6	
	YUNN	28	0656	0722	0830	N07	E41	3573	01	31.3	94	3B			C	0720	900	12.7	
	YUNN	28	0656	0725	0830	N07	E40	3573	01	31.3	94	3B			C	0720	916	12.7	FKWZ
	KANZ	28	0808E		0815D	N07	E41	3573	01	31.4	7D	1N		1					
0514		28	06542	06561	0658	S08	W34	3569	01	25.7	4	SB					39	.4	DT
	CULG	28	0654	0656	0700D	S08	W34	3569	01	25.7	6D	SB			C	0656	30	.3	
	YUNN	28	0656	0657	0658	S09	W34	3569	01	25.7	2	SB			C	0656	48	.6	DT
0515		28	07182	0721*	0802	S14	E48	3576	01	31.9	44	SN					72	1.1	D
	CULG	28	0718	0721	0806	S12	E49	3576	02	1.0	48	SF			C	0721	80	1.2	
	ABST	28	0718	0740	0800	S14	E49	3576	02	1.0	42	SF			C	0740	87	1.4	D
	YUNN	28	0720	0735	0759	S15	E47	3576	01	31.9	39	SB			C	0740	48	.7	D
0516	ABST	28	0832	0836	0840D	S03	E50	3578	02	1.1	8D	SF			P	0836	87	1.4	D
0517	YUNN	28	0835	0839	0851	N06	E42	3573	01	31.5	16	SN			C		64	.9	F
0518	CULG	28	0838	0840U	0840D	N23	E23	3574	01	30.1	2D	SN			P	0840	90	1.1	
0519	YUNN	28	0855	0859	0910	N05	E48	3573	02	1.0	15	SN			C		64	1.0	D
0520		28	0855	08593	0916	S14	E12	3577	01	29.3	21	SN					161	1.7	FW
	YUNN	28	0855	0859	0911	S14	E12	3577	01	29.3	16	SN			C		161	1.7	FW
	KANZ	28	0855	0902	0920	S13	E12	3577	01	29.3	25	SN			2				
0521		28	09344	09411	0955	S14	E46	3576	01	31.9	21	1B C 5.3					196	3.2	EFT
	KANZ	28	0934	0942	0958	S13	E46	3576	01	31.9	24	SB			3				
	YUNN	28	0935	0941	0949D	S14	E46	3576	01	31.9	14D	1B			P	0941	241	3.6	FT
	HPR	28	0938	0941	0952	S16	E47	3576	02	1.0	14	1B C 5.3			C	0941	150	2.7	E
0522		28	10192	10201	1026	S12	E46	3576	01	31.9	7	SN					20	.3	
	HPR	28	1019	1020	1023	S13	E47	3576	02	1.0	4	SF			C	1020	20	.3	
	KANZ	28	1021	1021	1029	S12	E46	3576	01	31.9	8	SN			2				
0523		28	10323	1051*	1132	S14	E46	3576	01	31.9	60	SB					120	1.7	EFK
	KANZ	28	1032	1051	1133	S12	E46	3576	01	31.9	61	SN			3				FK
	HPR	28	1035	1114	1132	S17	E46	3576	01	31.9	57	SB			C	1114	120	1.7	E
0524		28	11457	11542	1206	S15	E46	3576	02	1.0	21	SB					120	1.7	E
	HPR	28	1145	1154	1205	S16	E46	3576	02	1.0	20	SB			C	1154	120	1.7	E
	KANZ	28	1152	1156	1207	S14	E47	3576	02	1.0	15	SB			3				
0525	HPR	28	1225	1228	1235	N10	E50	3573	02	1.3	10	SF			C	1228	20	.3	
0526	HPR	28	1227	1229	1240	S17	E45	3576	01	31.9	13	SN			C	1229	80	1.1	E
0527		28	13401	13432	1403	S11	E48	3576	02	1.2	23	1B					160	2.4	E
	HPR	28	1340	1343	1410	S12	E48	3576	02	1.2	30	1B			C	1343	160	2.4	E
	KANZ	28	1341	1345	1356	S10	E47	3576	02	1.1	15	SN			3				
0528	KANZ	28	1345	1352	1412	N19	E78	3582	02	3.5	27	SF			3				A

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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	Obs Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0529	HTPR	28	1410	1420	1440	S14	E13	3577	01	29.6	30	SF			C	1420	60	.6	E
		28	1520		1521	No Flare Patrol													
0530	HTPR	28	1522		1530	N15	E47	3575	02	1.2	8	SB			C	1522	80	1.2	E
0531	BIGB	28	1650	1657	1722	S14	E45	3576	02	1.1	32	SN		3	C	1657	70	1.0	
0532	BIGB	28	1851	1857	1916	S10	E46	3576	02	1.2	25	SF		3	C	1857	80	1.2	
		28	1927		1948	No Flare Patrol													
0533	CULG	28	2135	2137	2146	N13	E45	3575	02	1.3	11	SN			C	2137	60	.9	
		29	931		943	No Flare Patrol													
		29	946		1024	No Flare Patrol													
0534		29	02146	02223	0235	S17	E50	3576	02	1.9	21	1B					282	4.4	EFJT
	CULG	29	0214	0222	0236	S16	E50	3576	02	1.9	22	2B			C	0222	320	5.1	
	PURP	29	0220E	0222	0234	S17	E49	3576	02	1.8	14D	1B			C	0222	255	4.0	
	VORO	29	0220	0222	0238	S17	E50	3576	02	1.9	18	SB			C	0222	72	1.1	EJ
	YUNN	29	0224E	0225	0233	S17	E49	3576	02	1.8	9D	2B			P	0225	482	7.6	FT
0535		29	0223*	0227*	0304	S15	E39	3576	02	1.0	41	SB					76	1.0	EFJT
	CULG	29	0223	0243	0305	S13	E39	3576	02	1.0	42	SB			C	0243	100	1.3	
	YUNN	29	0226	0239	0252D	S16	E38	3576	02	1.0	26D	SB			P		80	1.1	FT
	PURP	29	0227E	0227	0302	S14	E39	3576	02	1.0	35D	SB			C	0227	52	.7	E
	VORO	29	0237		0252D	S17	E39	3576	02	1.1	15D	SN			P	0243	72	1.0	EJ
0536		29	03121	03141	0327	S13	E43	3576	02	1.4	15	SN					130	1.8	FT
	MITK	29	0312	0315	0336	S14	E44	3576	02	1.4	24	SN			C	0315			
	YUNN	29	0313E	0313U	0316D	S13	E42	3576	02	1.3	3D	SN			P	0313	80	1.1	FT
	CULG	29	0313	0314	0318	S11	E43	3576	02	1.4	5	1B			C	0314	180	2.5	
0537		29	03433	0347*	0416	S15	E36	3576	01	31.9	33	SN					77	.9	FT
	CULG	29	0343	0347	0419	S14	E36	3576	01	31.9	36	SN			C	0347	90	1.0	
	YUNN	29	0346	0358	0414	S16	E35	3576	01	31.8	28	SN			C		64	.8	FT
0538	CULG	29	0420	0423	0435	S13	E43	3576	02	1.4	15	SF			C	0423	40	.5	T
0539		29	05042	05074	0518	S14	E40	3576	02	1.2	14	SN					62	.8	FT
	CULG	29	0504	0507	0514	S14	E42	3576	02	1.4	10	SF			C	0507	60	.8	
	YUNN	29	0506	0511	0521	S14	E37	3576	02	1.0	15	SN			C		64	.8	FT
0540		29	0534*	0543*	0633	S14	E01	3577	01	29.3	59	SB					94	1.0	DEFHT
	YUNN	29	0534	0544	0557	S15	E02	3577	01	29.4	23	SB			C		113	1.2	FT
	CULG	29	0534	0544	0641	S14	E00	3577	01	29.2	67	SB			C	0544	120	1.2	
	MITK	29	0535	0543	0656	S15	E02	3577	01	29.4	81	SN			C	0543			EH
	YUNN	29	0614	0619	0636	S14	E02	3577	01	29.4	22	SB			C		80	.8	FT
	YUNN	29	0630E	0630U	0636	S15	E02	3577	01	29.4	6D	SN			P	0630	64	.7	DT
0541	CULG	29	0708	0714	0718	N13	E39	3575	02	1.2	10	SF			C	0714	30	.4	
0542	YUNN	29	0714	0721	0734	S15	E01	3577	01	29.4	20	SN			C		80	.8	FT
0543	CULG	29	0727	0727	0730	S13	E41	3576	02	1.4	3	SF			C	0727	80	1.0	
0544		29	07301	07322	0736	S14	E40	3576	02	1.3	6	1N					130	1.8	FT
	YUNN	29	0730	0734	0737	S15	E40	3576	02	1.3	7	1N			C		161	2.2	FT
	CULG	29	0731	0732	0736	S14	E41	3576	02	1.4	5	SN			C	0732	100	1.3	
0545	CULG	29	0735	0738	0751	N12	E38	3573	02	1.2	16	SN			C	0738	50	.6	
0546		29	07506	0758	0812	S10	E22	3578	01	31.0	22	SB					72	.8	F
	YUNN	29	0750	0758	0819	S11	E21	3578	01	30.9	29	SB			C		64	.7	F
	CULG	29	0756	0758	0806	S08	E24	3578	01	31.1	10	SN			C	0758	80	.8	F
0547	YUNN	29	0841E	0849	0906	S14	W01	3577	01	29.3	25D	2B			P		547	5.7	FT
0548	YUNN	29	0850	0852	0857	S16	E37	3576	02	1.2	7	SN			C		113	1.5	FT

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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		Corr (Sq Deg)	Remarks
						Lat	CMD	Region								(10 ⁻⁶ Disk)	Disk		
0549	ABST	29	1025E	1026	1026D	N13	E38	3575	02	1.3	1D	SF		P	1026	122	1.7	D	
0550	ABST	29	1025E	1026	1026D	N13	W06	3580	01	29.0	1D	SF		P	1026	87	.9	D	
		29	1028		1044	No Flare Patrol													
		29	1101		1732	No Flare Patrol													
0551	BIGB	29	1735	1738	1753	S08	E30	3576	02	1.0	18	1B		3	C	1738	210	2.5	
0552	BIGB	29	1743	1748	1806	S15	E79	3584	02	4.7	23	1N		3	C	1748	120	6.5	
0553	CULG	29	2110	2110	2114	S09	E15	3578	01	31.0	4	SF			C	2110	80	.8	
0554		29	2125	2126	2132	S12	E43	3576	02	2.1	7	SN				75	1.0		
	CULG	29	2125	2126	2129	S10	E43	3576	02	2.1	4	SF		C	2126	70	.9		
	BIGB	29	2125	2126	2136	S13	E43	3576	02	2.1	11	SN		3	C	2126	80	1.1	
0555	CULG	29	2143	2148	2151	S09	E28	3576	02	1.0	8	SN			C	2148	80	.9	T
0556		29	2148	2153	2216	S10	E15	3578	01	31.0	28	1B				180	1.8		
	CULG	29	2148	2153	2209	S10	E16	3578	01	31.1	21	1B			C	2153	210	2.1	
	BIGB	29	2148	2155	2222	S10	E14	3578	01	31.0	34	SN		3	C	2155	150	1.6	
0557	CULG	29	2207	2210	2215	S09	E31	3576	02	1.2	8	1N			C	2210	200	2.4	
0558	CULG	29	2314	2315	2319	S11	W53	3569	01	26.0	5	SF			C	2315	20	.3	
0559		30	0015*	0033	0051	N12	E23	3573	01	31.7	36	SN				121	1.4	EFJ	
	MITK	30	0015	0036	0108	N12	E22	3573	01	31.7	53	1N		C	0036	210	2.5	E	
	CULG	30	0021E	0034U	0048	N13	E20	3573	01	31.5	27D	SN		P	0034	150	1.6	F	
	PURP	30	0030	0033	0048D	N11	E30	3573	02	1.3	18D	SB		P	0033	124	1.4	E	
	MANI	30	0031E	0033U	0051D	N12	E22	3573	01	31.7	20D	SN		1	V	70	.9	F	
	VORO	30	0034	0035	0038	N12	E21	3573	01	31.6	4	SN			C	0035	54	.6	EJ
0560		30	0025A	0033	0056	N09	E45	3579	02	2.4	31	1N				165	2.4	EF1JK	
	MITK	30	0025	0033	0104	N10	E45	3579	02	2.4	39	1N			C	0033	190	2.9	E
	CULG	30	0028	0033	0045	N11	E45	3579	02	2.4	17	1F			C	0033	290	4.3	FI
	VORO	30	0028	0033	0058	N08	E46	3579	02	2.5	30	SB			C	0033	90	1.3	EJK
	PURP	30	0029	0033	0048D	N08	E44	3579	02	2.3	19D	SB			C	0033	105	1.4	E
	MANI	30	0031E	0035	0045D	N10	E46	3579	02	2.5	14D	1N		1	V	150	2.4	F	
0561	MANI	30	0031E	0031	0051D	S10	E41	3576	02	2.1	20D	SF		1	V	40	.6	F	
0562		30	0041A	0044	0052	S11	E29	3576	02	1.2	11	SN				131	1.5	EJ	
	VORO	30	0041	0044	0051	S12	E30	3576	02	1.3	10	SF			C	0044	152	1.8	EJ
	CULG	30	0042	0046	0054	S09	E29	3576	02	1.2	12	SN			C	0046	130	1.4	
	PURP	30	0045	0046	0048D	S12	E29	3576	02	1.2	3D	SB			P	0046	111	1.3	E
0563		30	0045I	0046	0059	N13	E30	3573	02	1.3	14	SN M 1.4				112	1.4	EJW	
	MANI	30	0045E	0048	0051D	N13	E30	3573	02	1.3	9D	SN M 1.4		1	V	105	1.3		
	CULG	30	0045	0046	0103	N15	E30	3573	02	1.3	18	SN			C	0046	140	1.7	W
	VORO	30	0046	0046	0055	N11	E30	3573	02	1.3	9	SB			C	0046	90	1.1	EJ
0564		30	0109I	0112	0118	S11	W66	3569	01	25.1	9	1N				187	4.0	F	
	MANI	30	0102E	0104U	0113D	S10	W65	3569	01	25.1	11D	1N				115	2.3		
	MITK	30	0109	0112	0117	S11	W65	3569	01	25.1	8	1F			C	0112	210	5.0	
	CULG	30	0109	0112	0120	S12	W70	3569	01	24.8	11	1F			C	0112	230		
	YUNN	30	0110	0111U	0111D	S11	W65	3569	01	25.1	1D	1N			P	0111	193	4.6	F
0565		30	0150I	0153	0204	S10	E25	3576	01	31.9	14	SN				113	1.2	EJ	
	VORO	30	0150	0154	0158	S11	E25	3576	01	31.9	8	SN			C	0154	116	1.3	EJ
	CULG	30	0151	0153	0158	S09	E25	3576	01	31.9	7	SN			C	0153	160	1.7	J
	YUNN	30	0155E	0155U	0216	S10	E25	3576	01	31.9	21D	SF			P	0115	64	.7	
0566	YUNN	30	0221	0227	0237	S15	W27	3572A	01	28.0	16	SN			C	96	1.1	DG	
0567		30	0246	0248	0313	N12	W14	3572B	01	29.1	27	SN				78	.8	E	
	YUNN	30	0246	0256	0325	N12	W14	3572B	01	29.1	39	SN			C	0256	64	.7	E
	PURP	30	0248	0248	0301	N11	W14	3572B	01	29.1	13	SN			V	0248	92	1.0	E
0568		30	0325I	0329	0338	N09	E28	3573	02	1.2	13	SN				66	.8	EF	
	CULG	30	0325	0334	0341	N11	E27	3573	02	1.2	16	SN			C	0334	80	.9	F
	PURP	30	0326	0329	0336	N07	E28	3573	02	1.2	10	SN			C	0329	52	.6	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)		
0569	CULG	30	0417	0418	0425	S12 E38	3576	02	2.0	8	SF				C	0418	50	.6		
0570		30	0420	0444	0552	S12 E23	3576	01	31.9	92	1N						140	1.6	EH	
	MITK	30	0420	0444	0629	S13 E23	3576	01	31.9	129	1N			C	0444	240	2.7	EH		
	YUNN	30	0442E	0442U	0516	S12 E23	3576	01	31.9	34D	SN			P	0422	40	.5	E		
0571	YUNN	30	0455	0503	0516	N12 W15	3572B	01	29.1	21	SN				C		16	.2		
0572		30	0603	0607	0612	S12 E37	3576	02	2.0	9	SN						69	.8	AD	
	CULG	30	0603	0607U	0612	S12 E37	3576	02	2.0	9	SN			P	0607	80	1.0			
	ABST	30	0606E	0607	0612	S11 E36	3576	02	2.0	6D	SN			P	0607	87	1.0	DA		
	MANI	30	0608E	0608U	0613D	S13 E37	3576	02	2.0	5D	SN		1	V		40	.5			
0573	ABST	30	0612	0614	0620D	S09 E22	3576	01	31.9	8D	SN				P	0614	87	.9	D	
0574		30	06574	0704	0714	N07 E26	3573	02	1.2	17	SN						58	.6	DJ	
	CULG	30	0657	0703U	0714	N07 E26	3573	02	1.2	17	SF				C	0703	30	.3		
	ABST	30	0701	0704	0714	N07 E26	3573	02	1.2	13	SN				C	0704	87	1.0	DJ	
0575		30	0702*	0713	0728	N13 W20	3572B	01	28.8	26	SN						112	1.2	EJK	
	ABST	30	0702	0713	0742	N14 W20	3572B	01	28.8	40	SN				C	0713	174	1.9	EJK	
	CULG	30	0712	0713	0714	N12 W19	3572B	01	28.9	2	SF				C	0713	50	.5		
0576		30	07185	0727	0745	S14 E72	3584	02	4.7	27	1B						74		DFJ	
	YUNN	30	0718	0726U	0726D	S14 E72	3584	02	4.7	8D	SN				P	0726	16		D	
	ABST	30	0723	0727	0745	S13 E72	3584	02	4.7	22	1B				C	0727	131		FJ	
0577	ABST	30	0719	0723	0740	S14 E36	3576	02	2.0	21	1N				C	0723	174	2.3	FJ	
0578	ABST	30	0738	0740	0750	N24 W04	3574	01	30.0	12	SF				C	0740	131	1.5	E	
0579		30	08051	08101	0821	N14 E26	3573	02	1.3	16	1N						103	1.2	EK	
	YUNN	30	0805	0811	0820	N13 E25	3573	02	1.2	15	SN				C		32	.4	E	
	ABST	30	0806	0810	0822	N14 E26	3573	02	1.3	16	1N				C	0810	174	2.1	EK	
0580		30	08231	08251	0831	N14 W19	3572B	01	28.9	8	SN						110	1.2	E	
	YUNN	30	0823	0825	0832	N13 W18	3572B	01	29.0	9	SN				C		56	.6		
	MONT	30	0824	0826	0830	N15 W19	3572B	01	28.9	6	SN				C	0826	100			
	ABST	30	0824	0826	0848D	N14 W20	3572B	01	28.8	24D	SN				P	0826	174	1.9	E	
0581	MANI	30	0824E	0824U	0832D	N20 W35	3572	01	27.7	8D	SF		1	V		80	1.1			
0582	YUNN	30	0831	0835	0839	N13 E25	3573	02	1.2	8	SF				C		40	.5	E	
0583	YUNN	30	0900	0907	0939	N13 W17	3572B	01	29.1	39	SN				C		64	.7		
0584	YUNN	30	0923	0931	0935	N12 E17	3573	01	31.7	12	SN				C		96	1.1		
0585	YUNN	30	0931E	0931	0945	S17 E38	3576	02	2.3	14D	SN				P	0931	32	.4	D	
0586		30	09433	0946	0958	S10 E11	3578	01	31.2	15	SN						96	1.0	E	
	YUNN	30	0943	0946U	0946D	S11 E11	3578	01	31.2	3D	SN				P	0946	96	1.0	E	
	KANZ	30	0946	0946	0958	S10 E11	3578	01	31.2	12	SF			2						
0587		30	0958	1002	1025	N14 W20	3572B	01	28.9	27	SN						140	1.4	E	
	HTRP	30	0958E		1025D	N15 W21	3572B	01	28.8	27D	SN				C	1006	140	1.4	E	
	KANZ	30	0958	1002	1025	N12 W20	3572B	01	28.9	27	SF			2						
0588	HTRP	30	0958		1025D	S15 E39	3591	02	2.4	27D	SF				C	0959	30	.4		
0589	HTRP	30	1018		1025D	S13 W15	3577	01	29.3	7D	SF				C	1022	60	.6		
0590	CATA	30	1135	1155	1300D	N10 W13	3572B	01	29.5	85D	2		2	P	1155	562	6.2			
0591		30	1135	1215	1300D	N15 W20	3572B	01	29.0	85D	2N						612	6.7	EF1	
	CATA	30	1135	1215	1300D	N15 W20	3572B	01	29.0	85D	2		2	P	1215	675	7.9			
	HTRP	30	1206E		1217D	N15 W20	3580	01	29.0	11D	2N				C	1215	550	5.5	EF1	
		30	1301		1530	No Flare Patrol														
		30	1532		1538	No Flare Patrol														
0592	BIGB	30	1612	1615	1627	N20 W14	3574	01	29.6	15	SN		3	C	1615	70	.7			

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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)	
0593	BIGB	30	1711	1718	1841	N10	E20	3573	02	1.2	90	SN		3	C	1718	120	1.3	
0594	CULG	30	2012	2014	2019	S13	E30	3576	02	2.1	7	SN C	3.6		C	2014	80	.9	
0595	BIGB	30	2123	2126	2150	S13	E63	3584	02	4.6	27	SN		3	C	2126	80	1.8	
0596	CULG	30	2140	2144	2153	N13	E11	3573	01	31.7	13	SF			C	2144	80	.9	F
0597		30	2325*	2344*	2548	S14	E13	3576	01	31.9	143	2B					630	6.5	FIKU
	MITK	30	2325	2344	2527	S17	E13	3576	02	1.0	122	2B			C	2344	520	5.6	FU
	BIGB	30	2326	2350	0040D	S15	E14	3576	02	1.0	74D	1B		3	P	2350	420	4.5	
	CULG	30	2334E	2357	2608	S15	E12	3576	01	31.9	154D	3B			P	2357	1460	14.6	FKI
	MANI	30	2345E	2345U	0057D	S14	E13	3576	02	1.0	72D	2B		1	V		650	7.0	F
	PEKG	31	0153	0156	0156D	S11	E16	3576	02	1.3	3D	SF			C	0156	101	1.1	F
0598		30	2333*	0005*	2616	S12	E06	3578	01	31.4	163	1B					529	5.5	BEFIJZ
	YORO	30	2333	0014	0026D	S14	E08	3578	01	31.6	53D	2B			C	0014	1075	10.9	EJ
	BIGB	30	2352	0012	0040E	S12	E07	3578	01	31.5	48	1B		3	P	0012	240	2.5	
	MITK	30	2357	2409	2708	S11	E05	3578	01	31.4	191	1B			C	2409	340	3.5	
	MANI	30	2358E	0005	0107D	S11	E05	3578	01	31.4	69D	1B		1	V		300	3.1	
	PEKG	31	0020E	0020U	0135	S13	E08	3578	01	31.6	75D	2N			P	0020	925	9.7	BFI
	YUNN	31	0034E	0038	0206	S12	E08	3578	01	31.6	92D	2B			P		675	7.1	FZ
	PEKG	31	0156E	0156	0156D	S10	E03	3578	01	31.3	92D	SN			P	0156	151	1.6	F
0599	YUNN	31	0054	0056	0110	N12	W28	3580	01	28.9	16	SN			C		16	.2	D
0600		31	0132	01331	0141	N08	E17	3573	02	1.3	9	SN					34	.4	E
	CULG	31	0132	0133	0140	N09	E17	3573	02	1.3	8	SF			C	0133	20	.2	
	YUNN	31	0132	0134	0142	N08	E17	3573	02	1.3	10	SN			C		48	.5	E
0601	YUNN	31	0230E	0230U	0238	N10	E13	3573	02	1.1	8D	SN			P	0230	32	.4	E
0602	CULG	31	0308	0311	0313	S16	E55	3584	02	4.3	5	SF			C	0311	40	.6	
0603		31	04011	04051	0410	N11	E10	3573	01	31.9	9	SF					56	.6	D
	CULG	31	0401	0405	0409	N12	E10	3573	01	31.9	8	SF			C	0405	80	.8	
	YUNN	31	0402	0406	0410	N10	E11	3573	02	1.0	8	SF			C		32	.4	D
0604	YUNN	31	0410	0414	0425	S10	E01	3578	01	31.2	15	SN			C		32	.3	D
0605		31	0510	0525	0538	N08	E14	3573	02	1.3	28	1N					234	2.6	EFI
	PEKG	31	0510	0525	0550	N10	E14	3573	02	1.3	40	1F			C	0525	421	4.6	FI
	YUNN	31	0521E	0521U	0526	N07	E13	3573	02	1.2	5D	SN			P	0521	48	.5	E
0606		31	06255	06284	0651	N10	E14	3573	02	1.3	26	1N C	7.4				153	1.7	EF
	YUNN	31	0625	0630	0651	N11	E16	3573	02	1.5	26	SN			C		48	.5	E
	MANI	31	0626E	0628	0637D	N11	E13	3573	02	1.2	11D	SN		1	V		120	1.3	F
	PEKG	31	0630	0632	0645	N10	E15	3573	02	1.4	15	1F			C	0632	252	2.8	E
	ATHN	31	0630E	0632	0656	N10	E14	3573	02	1.3	26D	1B C	7.4	2	V	0632	191	2.1	
0607		31	0707	07108	0733	N10	E13	3573	02	1.3	26	1N C	5.5				212	2.3	F
	MANI	31	0707E	0707U	0713D	N10	E13	3573	02	1.3	6D	SN		1	V		25	.3	
	PEKG	31	0707	0718	0742	N10	E13	3573	02	1.3	35	1F			C	0718	421	4.6	F
	ATHN	31	0709E	0710	0724	N10	E14	3573	02	1.3	15D	1B C	5.5	3	V	0710	191	2.1	
0608	YUNN	31	0746	0751	0806	S16	E48	3583	02	4.0	20	SN			C		16	.2	D
0609	YUNN	31	0830E	0830U	0851	N10	E09	3573	02	1.0	21D	SN			P	0830	80	.9	
0610	YUNN	31	0900	0903	0910	S20	E52	3583	02	4.3	10	SN			C		32	.5	E
0611		31	09293	0924*	0941	N11	E09	3573	02	1.1	12	SN					78	.9	EF
	ABST	31	0916E	0924	0933D	N11	E10	3573	02	1.1	17D	SF			P	0924	131	1.4	F
	KANZ	31	0929	0933	0937	N12	E08	3573	02	1.0	8	SF		2					
	YUNN	31	0930	0934	0949	N11	E07	3573	01	31.9	19	SF			C		72	.8	E
	ATHN	31	0932	0934	0936	N10	E11	3573	02	1.2	4	SB		3	V	0934	32	.4	
0612	YUNN	31	0951	0955	0959	N10	E09	3573	02	1.1	8	SN			C		48	.5	E
0613	KANZ	31	1009	1016	1024	N12	E10	3573	02	1.2	15	SN		2					

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Opt	Xray	See	Obs Type	Time (UT)	Area Measurement		Remarks	
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0614	31	1039	10458	1109	N10	E12	3573	02	1.3	30	SB						164	1.8		
	KANZ	31	1039	1047	1109	N11	E10	3573	02	1.2	30	SN		3						
	CATA	31	1045E	1045	1105	N10	E11	3573	02	1.3	20D	S		2	P	1045	169	1.8		
	ATHN	31	1050E	1053	1114	N10	E15	3573	02	1.6	24D	1B		3	V	1053	159	1.8		
0615	KANZ	31	1144	1147	1159	N09	E11	3573	02	1.3	15	SF		3						
0616	KANZ	31	1221	1225	1240	N11	E10	3573	02	1.3	19	SF		3						
0617	CATA	31	1235	1235	1245	S11	E06	3576	02	1.0	10	S		2	C	1235	56	.6		
0618	31	12405	12457	1327	N08	E24	3579	02	2.3	47	1N						225	2.6	E	
	KANZ	31	1240	1252	1327	N09	E24	3579	02	2.3	47	SN		3					E	
	CATA	31	1245	1245	1250D	N07	E23	3579	02	2.2	5D	1		2	P	1245	225	2.6		
0619	KANZ	31	1240	1240	1248	S19	E45	3583	02	4.0	8	SF		3						
0620	31	13194	13231	1354	S12	E20	3576	02	2.1	35	1B M	2.5					286	3.1	U	
	KANZ	31	1319	1323	1347D	S13	E20	3576	02	2.1	28D	1B		3					U	
	ATHN	31	1323	1324	1354	S12	E20	3576	02	2.1	31	1B M	2.5	3	V	1324	286	3.1		
	31	1401		1546	No Flare Patrol															
0621	BIGB	31	1557	1601	1624	N11	E05	3573	02	1.0	27	SN		2	C	1601	90	.9		
0622	BIGB	31	1557	1609	1628	N14	W34	3580	01	29.1	31	SN		2	C	1609	110	1.4		
0623	BIGB	31	1723	1730	1748	N13	W36	3580	01	29.0	25	SN		3	C	1730	130	1.7		
0624	BIGB	31	1747	1749	1837	N10	E24	3579	02	2.5	50	SN		3	C	1749	80	.9		
0625	BIGB	31	1753	1840	1908	N10	E09	3573	02	1.4	75	SB		3	C	1840	160	1.7		
	31	1952		2010	No Flare Patrol															
	31	2020		2130	No Flare Patrol															
0626	BIGB	31	2135	2139	2204	N10	E01	3573	02	1.0	29	SN		3	C	2139	80	.8		
0627	31	2157	2213	2242	S14	E16	3576	02	2.1	45	1B						335	3.6	F	
	BIGB	31	2157	2213	2242	S15	E17	3576	02	2.2	45	SB		3	C	2213	140	1.5		
	CULG	31	2223E	2223U	2244D	S14	E16	3576	02	2.1	21D	1B			P	2223	530	5.8	F	
0628	31	2208	2227	2338	N11	E19	3579	02	2.3	90	1B						480	5.2	F	
	BIGB	31	2208	2227	2338	N10	E18	3579	02	2.3	90	1B		3	C	2227	380	4.1		
	CULG	31	2223E	2223U	2332D	N12	E20	3579	02	2.4	69D	1B			P	2223	580	6.4	F	
0629	CULG	31	2223E	2223U	2223D	S16	E32	3591	02	3.3	69D	SN			P	2223	60	.7		
0630	31	2324	2341	0015	S14	E16	3576	02	2.2	51	SN						80	.8		
	CULG	31	2319E	2325U	2333D	S13	E16	3576	02	2.2	14D	SN			P	2325	80	.8		
	BIGB	31	2324	2341	0015	S14	E16	3576	02	2.2	51	SN		3	C	2341	80	.9		
0631	BIGB	31	2329	2332	2443	S15	E47	3584	02	4.5	74	SN		3	C	2332	70	1.1		

"Remarks":

A = Eruptive prominence whose base is less than 90° from central meridian.
 B = Probably the end of a more important flare.
 C = Invisible 10 minutes before.
 D = Brilliant point.
 E = Two or more brilliant points.
 F = Several eruptive centers.
 G = No visible spots in the neighborhood.
 H = Flare accompanied by high-speed dark filament.
 I = Active region very extended.
 J = Distinct variations of plage intensity before or after the flare.
 K = Several intensity maxima.
 L = Existing filaments show signs of sudden activity.
 M = White-light flare.
 N = Continuous spectrum shows effects of polarization.

O = Observations have been made in the H and K lines of Ca II.
 P = Flare shows helium D3 in emission.
 Q = Flare shows Balmer continuum in emission.
 R = Marked asymmetry in H-alpha line suggests ejection of high-velocity material.
 S = Brightness follows disappearance of filament in same position.
 T = Region active all day.
 U = Two bright branches, parallel or converging.
 V = Occurrence of an explosive phase: important, expansion within roughly 1 minute that often includes a significant intensity increase.
 W = Great increase in area after time of maximum intensity.
 X = Unusually wide H-alpha line.
 Y = System of loop-type prominences.
 Z = Major sunspot umbra covered by flare.