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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp	Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10^{-6} Disk)	Area Measurement Corr (Sq Deg)	Remarks
0001		01	00214	00224	0035	S12	E54	4102	03	5.1	14	SN	C	2.1				85	1.6	CEFIJ
	MANI	01	0020E	0024	0028D	S13	E56	4102	03	5.2	8D	SF	C	2.1	1	V		30	.5	F
	HOLL	01	0021	0022	0033	S13	E51	4102	03	4.9	12	SN	C	2.1	2	C		60		F
	CULG	01	0024	0026	0033	S11	E56	4102	03	5.2	9	SN	C	2.1		C	0026	100	1.8	F
	PALE	01	0025	0026	0036	S12	E54	4102	03	5.1	11	SN	C	2.1	3	C		103		
	VORO	01	0025	0026	0038	S14	E55	4102	03	5.2	13	1F	C	2.1		C	0026	134	2.4	CEIJ
0002		01	02113	02143	0225	S20	E64	4104	03	6.0	14	SN	C	2.8				66	1.4	CEIJ
	VORO	01	0211	0214	0224	S22	E65	4104	03	6.1	13	SF	C	2.8		C	0214	81		CEIJ
	PALE	01	0211	0218U	0231	S19	E64	4104	03	6.0	20	SN	C	2.8	3	C		52		
	YUNN	01	0214	0217	0220	S20	E62	4104	03	5.8	6	SN	C	2.8		C		64	1.4	
0003	PALE	01	0304	0305	0313	S21	E59	4104	03	5.6	9	SF	C	1.3	3	C		64		
0004	LEAR	01	0356	0356	0404	S14	E08	4098	03	1.8	8	SF			3	C		25		
0005		01	0705	07061	0714	S15	E06	4098	03	1.7	9	SN						41	.4	
	CULG	01	0705	0706	0716	S15	E06	4098	03	1.7	11	SF				C	0706	50	.5	
	YUNN	01	0707E	0707	0712	S15	E06	4098	03	1.7	5D	SN				P		32	.3	
0006		01	07078	0717	0723	S12	W87		02	22.8	16	SN	C	3.5				16		D
	YUNN	01	0707	0717	0722	S12	W88		02	22.8	15	SN	C	3.5		P		16		
	ISTA	01	0715		0722	S15	W88		02	22.7	7	SB	C	3.5						D
	ATHN	01	0715E	0717	0724	S10	W86		02	22.9	9D	SN	C	3.5	3	V	0717			
0007		01	0715	0718	0724	S20	E60	4104	03	5.9	9	SN						16	.3	E
	ISTA	01	0715		0724	S21	E60	4104	03	5.9	9	SN								E
	YUNN	01	0715	0718	0724	S20	E61	4104	03	6.0	9	SN				P		16	.3	
0008		01	0822	0822	0822	S07	W57		02	25.2	9	SN						34	1.0	E
	KAND	01	0752E	0806U	0819	S06	W56		02	25.2	27D	SN				C		52	1.0	E
	LEAR	01	0822	0822	0826	S08	W58		02	25.1	4	SF			3	C		16		
0009	HTPR	01	0905	0920	0930	S08	W58		02	25.1	25	SF				C	0920	40	.8	
0010	KHAR	01	0916E		0937D	S10	W90		02	22.7	21D	SF				V	0920			
0011		01	0945	0948	0955	S22	E09	4097A	03	2.1	10	SF						85	.9	E
	HTPR	01	0945	0948	0955	S23	E09	4097A	03	2.1	10	SF				C	0948	50	.5	E
	KHAR	01	0947E		1000D	S21	E09	4097A	03	2.1	13D	SF				P	0947	120	1.3	E
0012		01	0956	1000	1016	S14	E02	4098	03	1.6	20	SN						150	1.5	EL
	KHAR	01	0953E	1000	1024D	S13	E03	4098	03	1.6	31D	SF				P	1000	200	2.0	EL
	HTPR	01	0956	1000	1016	S15	E02	4098	03	1.6	20	SN				C	1000	100	1.0	E
0013		01	1015E		1117D	S10	W90		02	22.8	62D	SN								
	KHAR	01	1015E		1034D	S10	W90		02	22.8	19D	SF				V	1017			
	KHAR	01	1047E		1117D	S10	W90		02	22.8	30D	SN				V	1048			
0014		01	1025		1100D	S20	E62	4104	03	6.2	35D	SF						70	.8	
	HTPR	01	1025		1100D	S20	E60	4104	03	6.0	35D	SF				C	1043	40	.8	
	KHAR	01	1033E		1047D	S20	E63	4104	03	6.2	14D	SF				P	1037	100		
0015	ISTA	01	1100		1110	S21	W88		02	22.8	10	SN								D
		01	1245		1251	No Flare Patrol														
		01	1313		1336	No Flare Patrol														
		01	1526		1529	No Flare Patrol														
0016	RAMY	01	1544	1620	1639	S14	E45	4102	03	5.0	55	SN			3	C		78		
		01	1601		1609	No Flare Patrol														
0017	RAMY	01	1615	1628	1633	S21	E57	4104	03	6.0	18	SF			3	C		38		
0018	RAMY	01	1659	1717	1839	S19	E55	4104	03	5.9	100	SN	C	1.2	3	C		30		
0019	PALE	01	1824	1831	1847	S12	E44	4102	03	5.1	23	SN	C	1.1	3	C		80		F

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0020		01	1854*	19103	1922	S13	E44	4102	03	5.1	28	SF	C 1.0				33		
	RAMY	01	1854	1913	1925	S14	E44	4102	03	5.1	31	SF	C 1.0	3	C		46		
	PALE	01	1910	1910	1919	S12	E44	4102	03	5.1	9	SF	C 1.0	3	C		20		
0021	RAMY	01	1931	1940	1956	S13	E48	4102	03	5.4	25	SF		3	C		137		
0022		01	1939	1940	1948	S16	W03	4098	03	1.6	9	SN	C 1.9				52		F
	RAMY	01	1939	1940	1946	S16	W03	4098	03	1.6	7	SF	C 1.9	3	C		50		
	HOLL	01	1942E	1942U	1949	S15	W03	4098	03	1.6	7D	SN	C 1.9	3	C		55		F
0023	PALE	01	2004	2004	2016	S19	E56	4104	03	6.1	12	SF		3	C		28		
0024		01	2054	1927*	2108	S23	E51	4104	03	5.8	14	1N	C 4.9				214	2.1	EFKUZ
	HOLL	01	1846E	1927	2104D	S24	E52	4104	03	5.8	138D	1F		3	C		247		K
	HOLL	01	1846E	2058	2104D	S24	E52	4104	03	5.8	138D	2B		3	C		417		ZUK
	RAMY	01	2054	2055	2101D	S24	E51	4104	03	5.8	7D	SN	C 4.9	3	C		106		F
	CULG	01	2054	2057	2109	S21	E52	4104	03	5.8	15	1B	C 4.9		C	2057	130	2.1	
	PALE	01	2054	2058	2108	S22	E51	4104	03	5.8	14	1B	C 4.9	3	C		169		FE
0025		01	21012	21134	2226	S15	W04	4098	03	1.6	85	1B	C 8.3				419	3.0	EFU
	CULG	01	2101	2113	2226	S16	W04	4098	03	1.6	85	1B	C 8.3		C	2113	300	3.0	FE
	HOLL	01	2102	2114	2148D	S15	W04	4098	03	1.6	46D	2B	C 8.3	3	C		548		
	PALE	01	2103	2117	2225	S14	W04	4098	03	1.6	82	1N	C 8.3	3	C		408		U
0026		01	22051	22082	2220	S21	E53	4104	03	6.0	15	SN	C 5.6				95	1.9	EF
	CULG	01	2205	2208	2217	S19	E54	4104	03	6.0	12	SN	C 5.6		C	2208	110	1.9	
	PALE	01	2206	2210	2223	S19	E52	4104	03	5.9	17	SN	C 5.6	3	C		101		F
	HOLL	01	2210E	2210U	2215D	S24	E52	4104	03	5.9	5D	SB	C 5.6	2	C		75		E
0027		01	2313*	2315*	2328	S20	E50	4104	03	5.8	15	1N	C 2.7				138	2.4	FH
	PALE	01	2313	2315	2320	S19	E49	4104	03	5.7	7	1N	C 2.7	3	C		179		
	CULG	01	2313	2315	2330	S19	E54	4104	03	6.1	17	1N	C 2.7		C	2315	140	2.4	H
	LEAR	01	2321	2326	2331	S21	E49	4104	03	5.7	10	SN		3	C		130		F
	PALE	01	2325	2326	2332	S19	E48	4104	03	5.6	7	SF		3	C		103		
0028	PALE	02	0023	0031	0037	S19	E53	4104	03	6.1	14	SF		3	C		46		
0029	CULG	02	0049	0054	0100	N13	W15		02	28.9	11	SN			C	0054	20	.3	
0030		02	0136*	0140*	0203	S19	E52	4104	03	6.0	27	1N	C 3.6				153	2.5	FJK
	PALE	02	0136	0140	0157	S19	E52	4104	03	6.0	21	1N	C 3.6	3	C		166		FK
	PALE	02	0136	0149	0157	S19	E52	4104	03	6.0	21	1N		3	C		178		K
	CULG	02	0138	0141	0208	S19	E51	4104	03	5.9	30	1N			C	0141	180	2.9	J
	YUNN	02	0138	0142	0153	S20	E50	4104	03	5.9	15	1N			C		145	2.3	
	PALE	02	0159	0204	0214	S19	E52	4104	03	6.0	15	SB	C 2.3	3	C		103		
	YUNN	02	0202	0205	0208	S20	E52	4104	03	6.1	6	1B	C 2.3		C		145	2.4	
0031	PALE	02	0318	0318	0332	S19	E51	4104	03	6.0	14	SF	C 1.0	3	C		29		
0032	PALE	02	0355	0357	0402	S17	E48	4104	03	5.8	7	SF		3	C		27		
0033		02	04191	04231	0435	S20	E49	4104	03	5.9	16	SB	C 2.4				79	1.8	F
	LEAR	02	0419	0423	0435	S20	E49	4104	03	5.9	16	SB	C 2.4	3	C		45		F
	YUNN	02	0420	0424	0432D	S20	E49	4104	03	5.9	12D	SB	C 2.4		P		113	1.8	
0034	YUNN	02	0616	0619	0622	S20	E50	4104	03	6.1	6	SF			C		32	.5	
0035		02	07112	0714	0721	S20	E46	4104	03	5.8	10	SF	C 1.4				74	1.1	F
	LEAR	02	0711	0714	0719	S20	E47	4104	03	5.9	8	SF	C 1.4	3	C		82		F
	CULG	02	0712	0714	0719	S19	E46	4104	03	5.8	7	SN	C 1.4		C	0714	80	1.1	
	HTPR	02	0713	0714	0725	S20	E46	4104	03	5.8	12	SF	C 1.4		C	0714	60	1.1	
0036	HTPR	02	0727	0727	0736	S14	E37	4102	03	5.1	9	SF			C	0727	20	.3	E
0037		02	0908	09114	0925	N16	W17		03	1.1	17	SF					38	.4	
	HTPR	02	0908	0911	0925	N17	W17		03	1.1	17	SF			C	0911	20	.2	
	CATA	02	0915E	0915	0915D	N15	W17		03	1.1	17D	S		2	P	0915	56	.6	

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0038		02	0918*	0923*	0952	S19	E46	4104	03	5.9	34	SN	C 2.4				93	1.2	EKLT
	LEAR	02	0918	0923	0953D	S20	E45	4104	03	5.8	35D	SF		3	C		61		K
	LEAR	02	0918	0934	0953D	S20	E45	4104	03	5.8	35D	1N	C 2.4	3	C		200		K
	KHAR	02	0921E		0924D	S17	E47	4104	03	6.0	3D	SF			P	0921	100	1.6	ET
	HTPR	02	0929	0934	0955	S20	E45	4104	03	5.8	26	SB	C 2.4		C	0934	80	1.1	
	KHAR	02	0931E	0931	1004D	S20	E46	4104	03	5.9	33D	SN			P	0931	100	1.6	ELT
	MONT	02	0932	0935	0941	S14	E46	4104	03	5.9	9	SN	C 2.4		C	0935	70		
	HTPR	02	0937	0941	0959	S20	E48	4104	03	6.1	22	SN			C	0941	40	.6	E
0039		02	1125	11343	1149	S18	E48	4104	03	6.1	24	SF					80	1.2	ET
	KHAR	02	1114E	1134	1151D	S17	E49	4104	03	6.2	37D	SF			P	1134	60	.9	T
	HTPR	02	1125	1137	1149	S19	E46	4104	03	6.0	24	SF			C	1137	100	1.4	E
	KHAR	02	1212E		1225D	S18	E48	4104	03	6.2	13D	SF			P	1215	80	1.3	T
0040	HTPR	02	1242	1245	1248	S20	E46	4104	03	6.0	6	SF			C	1245	50	.7	E
0041	HTPR	02	1335	1335	1341	S20	E45	4104	03	6.0	6	SF			C	1335	30	.5	E
0042	HTPR	02	1510	1512	1520	S18	E47	4104	03	6.2	10	SF			C	1512	20	.3	
0043	HTPR	02	1521		1646D	S25	E36	4104	03	5.4	85D	SF			C	1548	120	1.5	E
		02	1650		1726	No Flare Patrol													
		02	1734		1753	No Flare Patrol													
		02	1859		1917	No Flare Patrol													
		02	1922		1926	No Flare Patrol													
		02	2002		2030	No Flare Patrol													
		02	2041		2055	No Flare Patrol													
		02	2102		2110	No Flare Patrol													
0044	PALE	02	2124E	2128U	2141D	S19	E40	4104	03	5.9	17D	SF	C 2.2	3	C		60		
0045	CULG	02	2221	2223	2227	S18	E38	4104	03	5.8	6	SN			C	2223	140	1.8	
0046		03	00052	00072	0014	S18	E33	4104	03	5.5	9	SN					112	1.4	DH
	VORO	03	0005	0007	0018	S19	E27	4104	03	5.1	13	SN			C	0007	143	1.8	DH
	CULG	03	0007	0009	0011	S18	E39	4104	03	6.0	4	SN			C	0009	80	1.1	
0047	CULG	03	0427	0433	0442	S08	E18	4105	03	4.5	15	SN			C	0433	170	1.7	J
0048	YUNN	03	0610	0612	0616	S09	E17	4105	03	4.5	6	SF			C		32	.3	
0049		03	1034	10372	1058	S06	E15	4105	03	4.6	24	SN					65	.8	E
	HTPR	03	1034	1037	1059	S09	E15	4105	03	4.6	25	SN			C	1037	80	.8	E
	MONT	03	1034	1039	1058	S04	E15	4105	03	4.6	24	SF			C	1039	50		
0050	HTPR	03	1225	1233	1252	S09	E15	4105	03	4.6	27	SF			C	1233	50	.5	E
0051		03	1422*	1426*	1438	S09	E14	4105	03	4.6	16	SN					60	.6	E
	HTPR	03	1422	1426	1430	S09	E14	4105	03	4.6	8	SF			C	1426	60	.6	E
	KANZ	03	1442E		1442D	S09	E14	4105	03	4.7	8D	SN		1					
	HTPR	03	1443	1444	1447	S09	E14	4105	03	4.7	4	SN			C	1444	60	.6	E
0052		03	1441	1443	1451	S20	E26	4104	03	5.6	10	SF					30	.3	E
	HTPR	03	1441	1443	1451	S20	E32	4104	03	6.0	10	SF			C	1443	30	.3	E
	KANZ	03	1442E		1442D	S20	E20	4104	03	5.1	10D	SF		1					
0053	HTPR	03	1610	1613	1630	S09	E13	4105	03	4.6	20	SF			C	1613	50	.5	E
		03	1648		2048	No Flare Patrol													
		03	2125		2133	No Flare Patrol													
		03	2208		2212	No Flare Patrol													
		03	2214		2229	No Flare Patrol													
		03	2308		2316	No Flare Patrol													
0054	PURP	04	0044E	0044	0052	S09	E02	4105	03	4.2	8D	SN			C	0044	34	.2	D
0055	CULG	04	0608	0609	0620	S09	E03	4105	03	4.5	12	SN			C	0609	100	1.0	

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0056		04	06547	0701*	0822	S17	W37	4103A	03	1.5	88	1B	C 5.4				149	1.9	BEF
	PEKG	04	0654	0701	0800	S15	W38	4103A	03	1.4	66	1N			C	0701	168	2.2	E
	CULG	04	0701	0708U	0801D	S18	W34	4103A	03	1.7	60D	SB			P	0708	130	1.6	E
	ATHN	04	0706E	0715	0758	S18	W38	4103A	03	1.4	52D	1B	C 5.4	2	V	0715	207	2.8	
	MANI	04	0712E	0714	0755	S18	W39	4103A	03	1.3	43D	1B	C 5.4	1	V		175	2.3	F
	HTPR	04	0717E		0905	S16	W39	4103A	03	1.3	108D	SB	C 5.4		C	0717	100	1.3	BE
	KANZ	04	0721E	0721	0852	S17	W37	4103A	03	1.5	91D	1N	C 5.4	1					
	CATA	04	0745E	0750	0850D	S18	W36	4103A	03	1.6	65D	S		2	P	0750	112	1.4	
0057		04	09211	09255	0946	S08	E02	4105	03	4.5	25	SF					30	.3	E
	KANZ	04	0921	0925	0945	S09	E02	4105	03	4.5	24	SF		1					
	HTPR	04	0922	0930	0947	S08	E03	4105	03	4.6	25	SF			C	0930	30	.3	E
0058		04	09555	10003	1010	S09	E02	4105	03	4.6	15	SN					62	.6	E
	CATA	04	0955	1000	1010	S09	E02	4105	03	4.6	15	S		1	C	1000	84	.9	
	KANZ	04	0957	1001	1009	S09	E02	4105	03	4.6	12	SN		1					
	HTPR	04	1000	1003	1010	S08	E03	4105	03	4.6	10	SN			C	1003	40	.4	E
0059		04	1017*	1105*	1149	S09	E02	4105	03	4.6	92	SN					60	.6	EK
	KANZ	04	1017	1105	1125	S09	E02	4105	03	4.6	68	SN		2					
	HTPR	04	1028	1142	1210	S08	E02	4105	03	4.6	102	SF			C	1142	60	.6	EK
	KANZ	04	1133	1141	1153	S09	E02	4105	03	4.6	20	SN		3					
0060		04	13313	13371	1350	S09	E00	4105	03	4.6	19	SN					100	1.0	E
	HTPR	04	1331	1337	1349	S09	W01	4105	03	4.5	18	SN			C	1337	100	1.0	E
	KANZ	04	1334	1338	1350	S09	E01	4105	03	4.6	16	SN		3					
0061	KANZ	04	1350	1350	1358	S15	W46	4103A	03	1.1	8	SF		2					
0062	HTPR	04	1422		1453D	S09	W01	4105	03	4.5	31D	SN			C	1448	120	1.2	E
0063	HTPR	04	1435		1453D	S15	E08	4102	03	5.2	18D	SF			C	1444	50	.5	E
		04	1454		1504	No Flare Patrol													
		04	1605		2034	No Flare Patrol													
		04	2220		2230	No Flare Patrol													
0064		04	2317	23231	2338	S12	E02	4102	03	5.1	21	1N					192	2.0	EIJ
	CULG	04	2317	2323	2339	S14	E01	4102	03	5.0	22	SN			C	2323	160	1.6	
	VORO	04	2321E	2324	2336	S11	E03	4102	03	5.2	15D	1F			C	2324	224	2.3	EIJ
0065	VORO	04	2344	2346	2400	S07	W08	4105	03	4.4	16	SN			C	2346	116	1.2	CEIJ
0066	PEKG	05	0004	0008	0013	S09	W09	4105	03	4.3	9	SN			P	0008	92	.9	E
		05	1127		1135	No Flare Patrol													
0067	HTPR	05	1205	1207	1210	S09	W11	4105	03	4.7	5	SF			C	1207	20	.2	
0068	HTPR	05	1255		1259D	S08	W20	4105	03	4.0	4D	SF			C	1257	20	.2	
0069	KANZ	05	1451	1455	1503	S14	W04	4108	03	5.3	12	SF		3					L
0070	KANZ	05	1455	1503	1515	S08	W15	4105	03	4.5	20	SN		3					
0071	KANZ	05	1459	1507	1511	S13	W62	4103A	02	28.9	12	SF		2					
0072	KANZ	05	1546	1546	1554	S14	W03	4108	03	5.4	8	SB	C 1.9	3					
0073	KANZ	05	1557		1557D	S07	W21	4105	03	4.1	8D	SB		3					D
		05	1558		2234	No Flare Patrol													
0074		06	01223	01254	0138	S16	W60	4103A	03	1.5	16	SN					90	1.8	CD
	CULG	06	0122	0125	0134	S18	W61	4103A	03	1.4	12	SN			C	0125	90	1.8	
	VORO	06	0125	0129	0142	S15	W60	4103A	03	1.5	17	SF			C	0129	90	1.7	CD
0075		06	02241	02271	0236	S16	W62	4103A	03	1.4	12	SF					86	1.3	CE
	VORO	06	0224	0228	0241	S16	W63	4103A	03	1.3	17	SF			C	0228	108		CE
	PEKG	06	0225	0227	0230	S15	W61	4103A	03	1.5	5	SF			P	0227	63	1.3	E

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0076		06	0720*	0723*	0744	S14	W12	4108	03	5.4	24	1B	C 5.1				236	2.5	E
	CULG	06	0720	0724	0743	S16	W14	4108	03	5.2	23	SB	C 5.1		C	0724	180	1.8	
	PEKG	06	0720	0726	0741	S13	W13	4108	03	5.3	21	SB	C 5.1		C	0726	60	.6	E
	MITK	06	0720	0726	0746	S14	W12	4108	03	5.4	26	2N	C 5.1		C	0726	490	5.2	
	PURP	06	0722	0723	0747	S14	W12	4108	03	5.4	25	1N	C 5.1		C	0723	248	2.6	
	CATA	06	0725	0728	0745	S14	W13	4108	03	5.3	20	1	C 5.1	2	C	0728	281	3.0	
	ATHN	06	0730	0735	0742	S12	W08	4108	03	5.7	12	SB		4	V	0735	159	1.7	
0077	ATHN	06	0843	0847	0855	S22	W03	4104	03	6.1	12	SN		4	V	0847	127	1.4	
		06	1401		2055	No Flare Patrol													
0078		07	0340	03501	0400	N12	W76		03	1.4	20	SN	C 1.2				33		G
	YUNN	07	0340	0350	0400	N14	W74		03	1.6	20	SN	C 1.2		C		16		G
	CULG	07	0340	0351	0359	N11	W79		03	1.2	19	SN	C 1.2		C	0351	50		
0079	KANZ	07	1106	1106	1114	S10	W42	4105	03	4.3	8	SF		1					
		07	1454		1504	No Flare Patrol													
		07	1611		1629	No Flare Patrol													
0080	CULG	07	2241	2243	2249	S24	W32	4104	03	5.5	8	SN			C	2243	40	.5	H
0081	VORO	07	2348E	2350	2356	S19	W30	4104	03	5.7	8D	SN			C	2350	81	1.0	DIJ
0082		08	0002	00101	0019	S17	W28	4104	03	5.9	17	1B					166	2.0	EIJ
	CULG	08	0002	0010	0019	S19	W28	4104	03	5.9	17	1N			C	0010	170	2.1	
	VORO	08	0002	0011	0019	S15	W28	4104	03	5.9	17	SB			C	0011	161	1.9	EIJ
0083		08	00503	0054	0104	S20	W70	4099	03	2.7	14	SN					32		CDH
	VORO	08	0050	0054	0106	S19	W70	4099	03	2.7	16	SN			C	0054	45		CDH
	LEAR	08	0053	0054	0101	S21	W71	4099	03	2.6	8	SF		3	C		20		H
0084	LEAR	08	0207	0209	0229	S20	W31	4104	03	5.7	22	SF		3	C		44		F
0085	LEAR	08	0409	0409	0414	S23	W33	4104	03	5.6	5	SF		3	C		29		
0086	LEAR	08	0414	0415	0419	S14	W39	4102	03	5.2	5	SF		3	C		20		
0087		08	0454	0455	0504	S18	W32	4104	03	5.8	10	SN	C 1.1				80	1.1	FJ
	CULG	08	0454	0455	0501	S18	W32	4104	03	5.8	7	SN	C 1.1		C	0455	90	1.1	J
	LEAR	08	0454	0455	0508	S18	W32	4104	03	5.8	14	SF	C 1.1	3	C		69		F
0088		08	05505	05515	0558	S24	W35	4104	03	5.5	8	SN	C 1.1				35	.5	
	CULG	08	0550	0551	0555	S25	W35	4104	03	5.5	5	SN	C 1.1		C	0551	60	.8	
	LEAR	08	0551	0556	0600	S24	W35	4104	03	5.5	9	SN	C 1.1	3	C		30		
	YUNN	08	0555	0555	0559	S22	W35	4104	03	5.5	4	SF	C 1.1		P		16	.2	
0089	HTPR	08	0715	0725	0730	S21	W72	4099	03	2.8	15	SN			C	0725	40		
0090		08	07541	07542	0811	S21	W34	4104	03	5.7	17	SF					20	.2	E
	KANZ	08	0754	0754	0801	S21	W34	4104	03	5.7	7	SF		1					
	HTPR	08	0754	0756	0818	S19	W32	4104	03	5.9	24	SF			C	0756	20	.2	
	HTPR	08	0755	0756	0813	S22	W35	4104	03	5.6	18	SF			C	0756	20	.2	E
0091	KANZ	08	0826	0830	0833	S09	W53	4105	03	4.4	7	SF		3					
0092		08	08472	08473	0856	S23	W36	4104	03	5.6	9	SN	C 2.1				60	.6	EL
	HTPR	08	0847	0847	0855	S23	W35	4104	03	5.7	8	SF	C 2.1		C	0847	50	.6	E
	LEAR	08	0847	0848	0857	S23	W36	4104	03	5.6	10	SF	C 2.1	3	C		75		
	WEND	08	0848	0850	0856	S22	W35	4104	03	5.7	8	SN	C 2.1		C	0850	56	.7	
	KANZ	08	0849	0849	0857	S23	W36	4104	03	5.6	8	SN	C 2.1	3					EL
0093		08	09301	09365	0952	S19	W34	4104	03	5.8	22	SN					80	.9	EU
	HTPR	08	0930	0936	0950	S19	W33	4104	03	5.9	20	SF			C	0936	80	.9	EU
	KANZ	08	0931	0941	0953	S19	W35	4104	03	5.7	22	SN		3					
0094		08	10482	10511	1100	S20	W34	4104	03	5.8	12	SF					30	.4	E
	KANZ	08	1048	1052	1059	S20	W33	4104	03	5.9	11	SF		2					
	HTPR	08	1050	1051	1102	S19	W34	4104	03	5.8	12	SF			C	1051	30	.4	E

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0095		08	1110*	1114*	1132	S22	W36	4104	03	5.7	22	SN						62	.8	E
	KANZ	08	1110	1114	1125	S24	W38	4104	03	5.5	15	SN			2					
	HTPR	08	1112	1115	1123	S23	W38	4104	03	5.5	11	SB				C	1115	50	.6	E
	CATA	08	1115	1115	1125	S23	W37	4104	03	5.6	10	1			2	C	1115	169	2.2	
	HTPR	08	1126	1131	1149	S18	W32	4104	03	6.0	23	SF				C	1131	20	.2	E
	HTPR	08	1128	1129	1136	S23	W35	4104	03	5.8	8	SF				C	1129	10	.1	
	KANZ	08	1129	1129	1136	S22	W37	4104	03	5.6	7	SF			2					
0096	HTPR	08	1318	1319	1323	S19	W35	4104	03	5.9	5	SF				C	1319	20	.2	E
0097		08	13322	1337	1345	S22	W37	4104	03	5.7	13	SF	C	1.1				23	.2	E
	HTPR	08	1332	1337	1343	S23	W36	4104	03	5.8	11	SF	C	1.1		C	1337	20	.2	E
	KANZ	08	1333	1337	1345	S22	W39	4104	03	5.6	12	SF	C	1.1	2					
	HTPR	08	1333	1337	1348	S19	W35	4104	03	5.9	15	SF	C	1.1		C	1337	20	.2	E
	RAMY	08	1334	1337	1345	S22	W38	4104	03	5.6	11	SF	C	1.1	3	C		28		
0098	KANZ	08	1353	1353	1401	S24	W38	4104	03	5.6	8	SF			2					
0099		08	13563	13591	1408	S14	W45	4102	03	5.2	12	SF						16	.1	
	HTPR	08	1356	1359	1408	S15	W45	4102	03	5.2	12	SF				C	1359	10	.1	
	RAMY	08	1359	1400	1443D	S14	W45	4102	03	5.2	44D	SF			3	C		23		
0100		08	15053	15112	1520	S03	W09	4110	03	7.9	15	SF						43	.4	E
	RAMY	08	1505	1511	1519	S04	W10	4110	03	7.9	14	SF			3	C		46		
	KANZ	08	1505	1513	1521	S03	W08	4110	03	8.0	16	SF			2					
	HTPR	08	1508		1651D	S03	W10	4110	03	7.9	103D	SF				C	1610	40	.4	E
0101		08	15416	15455	1603	S10	W54	4105	03	4.6	22	SF						48		
	KANZ	08	1541	1545	1549	S11	W52	4105	03	4.7	8	SF			2					
	RAMY	08	1547	1550	1617	S08	W57	4105	03	4.4	30	SF			3	C		48		
0102		08	15429	1544*	1604	S23	W38	4104	03	5.7	22	SN						34	.3	F
	HTPR	08	1542	1544	1631	S23	W37	4104	03	5.8	49	SB				C	1544	40	.5	
	HOLL	08	1544	1544	1550	S22	W40	4104	03	5.6	6	SN			3	C		45		
	KANZ	08	1545	1545	1557	S23	W40	4104	03	5.6	12	SN			2					
	RAMY	08	1547E	1555	1600	S23	W38	4104	03	5.7	13D	SF			3	C		40		F
	HTPR	08	1551		1651D	S24	W34	4104	03	6.0	60D	SF				C	1553	10	.1	
0103	HOLL	08	1710	1712	1714D	S07	W59	4105	03	4.3	4D	SF			3	C		24		
0104	HOLL	08	1711	1712	1714D	S19	W40	4104	03	5.7	3D	SF			3	C		21		
		08	1715		1718	No Flare Patrol														
0105	PALE	08	1758	1759	1808	S02	W10	4110	03	8.0	10	SF			3	C		21		
0106		08	1827	1827	1834	S18	W41	4104	03	5.6	7	SF						28		
	HOLL	08	1827	1827	1833	S18	W41	4104	03	5.6	6	SF			3	C		20		
	PALE	08	1827	1827	1835	S19	W41	4104	03	5.6	8	SF			3	C		36		
0107		08	18411	1843	1849	S08	W58	4105	03	4.4	8	SF						14		F
	HOLL	08	1841	1843	1850	S07	W57	4105	03	4.5	.9	SF			3	C		15		F
	PALE	08	1842	1843	1848	S08	W58	4105	03	4.4	6	SF			3	C		14		
0108	HOLL	08	1918	1933	1949	S07	W59	4105	03	4.4	31	SF			3	C		66		
0109	HOLL	08	1956	2001	2020	S20	W42	4104	03	5.6	24	SN	C	2.1	3	C		77		F
0110	HOLL	08	2050	2051	2055	S12	W48	4102	03	5.2	5	SF			3	C		18		H
0111	HOLL	08	2117	2118	2132	S07	W60	4105	03	4.4	15	SF			3	C		29		
0112		08	2141	21412	2150	S14	W49	4102	03	5.2	9	SN						54	.6	F
	CULG	08	2141	2141	2143	S16	W49	4102	03	5.2	2	SN				C	2141	40	.6	
	HOLL	08	2141	2143	2156	S13	W49	4102	03	5.2	15	SN			3	C		69		F
0113	HOLL	08	2153	2157	2203	S06	W59	4105	03	4.5	10	SF			3	C		47		F

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0114	HOLL	08	2221	2221	2231	S18	W43	4104	03	5.6	10	SF		3	C		20		
0115	HOLL	08	2301	2311	2317	S12	W49	4102	03	5.3	16	SF		3	C		21		
0116		09	00098	0017*	0051	S20	W41	4104	03	5.9	42	SN					142	1.9	EF
	CULG	09	0009	0017	0052	S21	W41	4104	03	5.9	43	1N			C	0017	190	2.6	
	PALE	09	0011E	0011U	0048D	S21	W39	4104	03	6.0	37D	SF		3	C		75		F
	HOLL	09	0017	0017	0048	S18	W42	4104	03	5.8	31	1B		3	C		207		E
	LEAR	09	0020E	0020U	0104	S20	W41	4104	03	5.9	44D	SF		2	C		159		F
	YUNN	09	0023E	0028	0040	S22	W44	4104	03	5.6	17D	SF			P		80	1.2	
0117		09	02303	02323	0239	S24	W40	4104	03	6.0	9	SN					64	1.3	
	CULG	09	0230	0232	0240	S25	W39	4104	03	6.1	10	SN			C	0232	100	1.3	
	PALE	09	0233	0235	0238	S24	W40	4104	03	6.0	5	SF		3	C		27		
0118		09	04341	04363	0442	S09	W64	4105	03	4.4	8	SF					44	1.3	
	CULG	09	0434	0439	0443	S10	W64	4105	03	4.4	9	SF			C	0439	60	1.3	
	LEAR	09	0435	0436	0442	S08	W65	4105	03	4.3	7	SF		3	C		29		
0119	ISTA	09	0703		0712	S20	W48	4104	03	5.6	9	SF							E
0120	KANZ	09	0741E	0741	0747	S03	W17	4110	03	8.0	6D	SN		3					
0121	HTPR	09	0749E		0756D	N04	W20	4113	03	7.8	7D	SF			C	0753	20	.2	
0122		09	0754	07583	0814	S20	W46	4104	03	5.8	20	SF					31		
	LEAR	09	0754	0758	0811	S20	W45	4104	03	5.9	17	SF		3	C		31		
	KANZ	09	0754	0801	0817	S20	W46	4104	03	5.8	23	SF		3					
0123	ISTA	09	0825		0828	N08	W17	4113	03	8.1	3	SF							D
0124		09	08313	08391	0849	S21	W48	4104	03	5.7	18	SF					25	.4	
	KANZ	09	0831	0840	0851	S21	W49	4104	03	5.6	20	SF		3					
	WEND	09	0834	0839	0847	S21	W48	4104	03	5.7	13	SF			C	0839	25	.4	
0125	HTPR	09	0837E		0841D	S16	W50	4108	03	5.6	4D	SF			C	0841	20	.3	
0126	KANZ	09	0847	0851	0856	S02	W18	4110	03	8.0	9	SF		3					
0127	HTPR	09	0852E		0856D	N04	W20	4113	03	7.9	4D	SF			C	0852	30	.2	
0128	KANZ	09	0915	0919	0926	S13	W73	4102	03	3.9	11	SF		3					G
0129	KANZ	09	0949	0952	1012	S22	W49	4104	03	5.6	23	SF		2					L
0130	HTPR	09	1046	1110	1125	N04	W21	4113	03	7.9	39	SF			C	1110	20	.2	
0131		09	11055	11078	1120	S18	W50	4104	03	5.6	15	SF					33	.6	
	HTPR	09	1105	1107	1119	S15	W50	4104	03	5.7	14	SF			C	1107	10	.2	
	CATA	09	1110	1115	1120	S21	W51	4104	03	5.5	10	S		2	C	1115	56	.9	
0132		09	12111	1212	1218	S18	W50	4104	03	5.7	.7	SF					41	.3	
	RAMY	09	1211	1212	1220	S21	W49	4104	03	5.7	9	SF		3	C		62		
	HTPR	09	1212	1212	1215	S16	W52	4104	03	5.6	3	SF			C	1212	20	.3	
0133	RAMY	09	1253	1256	1304	S03	W21	4110	03	8.0	11	SF		3	C		23		
0134	HTPR	09	1336	1345	1400	N04	W23	4113	03	7.8	24	SN	C 1.2		C	1345	60	.6	E
0135	RAMY	09	1340	1345	1402	S03	W20	4110	03	8.1	22	SN	C 1.2	3	C		100		
0136	HTPR	09	1446	1447	1450	S16	W52	4108	03	5.7	4	SN			C	1447	50	.8	
0137	RAMY	09	1458	1504	1548	S03	W21	4110	03	8.0	50	SN		3	C		54		
0138	HTPR	09	1502		1504D	N04	W19	4113	03	8.2	2D	SF			C	1504	40	.4	
0139	HOLL	09	1612	1613	1617	S18	W51	4104	03	5.8	5	SF		3	C		26		

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0140	HOLL	09	1625	1626	1637	S19	W52	4104	03	5.7	12	SF		3	C		31		
0141	PALE	09	1732	1733	1740	S02	W23	4110	03	8.0	8	SF		3	C		29		
0142	HOLL	09	1821	1828	1830	S19	W53	4104	03	5.7	9	SF		3	C		22		
0143	PALE	09	2034	2035	2041	S03	W24	4110	03	8.1	7	SF		3	C		34		
0144		10	0004*	0009*	0048	S08	W76	4105	03	4.3	44	SN	C 7.5				103		EFU
	LEAR	10	0004	0010U	0026	S08	W76	4105	03	4.3	22	SF		2	C				F
	HOLL	10	0006	0009	0056D	S07	W77	4105	03	4.2	50D	SN		3	C		92		UF
	MANI	10	0006E	0010	0025	S09	W77	4105	03	4.2	19D	SF		1	V				F
	PALE	10	0007	0009	0024	S09	W76	4105	03	4.3	17	SF		3	C				F
	PEKG	10	0007	0010	0016	S08	W74	4105	03	4.4	9	SN			C	0010	76		E
	YUNN	10	0027E	0047	0112	S08	W74	4105	03	4.5	45D	1N	C 7.5		P		96		
	PALE	10	0028	0048	0118	S08	W73	4105	03	4.5	50	SF	C 7.5	3	C				F
	PURP	10	0049E	0050	0139	S09	W80	4105	03	4.0	50D	1N	C 7.5		C	0050	148		
0145		10	00584	01022	0112	S02	W28	4110	03	7.9	14	SF					94	1.3	
	YUNN	10	0058	0103	0111	S01	W29	4110	03	7.9	13	SF			C		80	.9	
	CULG	10	0059	0103	0109	S02	W27	4110	03	8.0	10	SF			C	0103	110	1.2	
	PURP	10	0059	0104	0122	S03	W28	4110	03	7.9	23	SN			C	0104	140	1.7	
	PALE	10	0102	0102	0108	S03	W29	4110	03	7.9	6	SF		3	C		44		
0146	PURP	10	0158E	0158	0215	S03	W30	4110	03	7.8	17D	SF			C	0158	27	.3	
0147		10	0244	02479	0310	S02	W30	4110	03	7.9	26	SF					36	.4	
	PURP	10	0244	0247	0310	S03	W30	4110	03	7.9	26	SF			C	0247	40	.5	
	YUNN	10	0251E	0256	0311	S01	W29	4110	03	7.9	20D	SF			P		32	.4	
0148		10	02591	03012	0315	S21	W52	4104	03	6.1	16	SN	C 1.1				40	.8	
	LEAR	10	0259	0301	0317	S22	W51	4104	03	6.2	18	SN	C 1.1	3	C		34		
	PURP	10	0300	0303	0312	S21	W52	4104	03	6.1	12	SN	C 1.1		C	0303	54	.9	
	YUNN	10	0304E	0304U	0315	S21	W53	4104	03	6.1	11D	SN	C 1.1		P	0304	32	.6	
0149	YUNN	10	0439E	0439	0448	S01	W31	4110	03	7.9	9D	SF			P		32	.4	
0150		10	0455*	0505*	0618	S02	W37	4110	03	7.4	83	SN					68	1.0	
	YUNN	10	0455	0505	0511D	S01	W35	4110	03	7.6	16D	SN			P		48	.6	
	LEAR	10	0504	0512	0610	S04	W38	4110	03	7.4	66	SF		3	C		29		
	CULG	10	0507	0542	0625	S02	W39	4110	03	7.3	78	SF			C	0542	130	1.7	
	YUNN	10	0553	0557	0608D	S02	W36	4110	03	7.5	15D	SN			P		64	.8	
0151	CATA	10	0820	0835	0900	S33	W63		03	5.3	40	1		1	C	0835	169	3.9	
0152		10	0820*	0841*	1020	S24	W55	4104	03	6.1	120	1N	M 1.1				280	5.6	FKU
	CATA	10	0820	0850	1035	S26	W58	4104	03	5.8	135	2	M 1.1	2	C	0850	478	9.3	
	LEAR	10	0834	0909	0932D	S26	W58	4104	03	5.8	58D	1N	M 1.1	3	C		194		F
	PEKG	10	0835	0841	0900D	S24	W59	4104	03	5.8	25D	1N	M 1.1		C	0841	168	3.6	F
	WEND	10	0835	0920	1047	S23	W52	4104	03	6.3	132	2N			C	0920	306	5.6	
	ISTA	10	0840		0945	S23	W53	4104	03	6.3	65	2B							KU
	ATHN	10	0850	0853	1015	S22	W50	4104	03	6.5	85	1B		3	V	0853	255	4.0	
	KANZ	10	0944E	0952	1018	S24	W56	4104	03	6.1	34D	1N		2					
0153	KANZ	10	1059	1103	1119	S23	W54	4104	03	6.3	20	1F		2					
0154	KANZ	10	1119	1123	1131	S15	W70	4102	03	5.2	12	SN		1					
0155		10	1144	1153	1233	S22	W57	4104	03	6.1	49	1N					138	4.0	BEI
	RAMY	10	1144	1153	1238	S22	W57	4104	03	6.1	54	SN		3	C		57		
	HTPR	10	1154E		1228	S23	W57	4104	03	6.1	34D	1N			C	1200	220	4.0	BEI
0156	KANZ	10	1147	1151	1159	S17	W77	4102	03	4.6	12	SF		1					
0157		10	12231	12235	1241	S04	W34	4110	03	8.0	18	SF					43	.7	E
	KANZ	10	1223	1223	1235	S04	W34	4110	03	8.0	12	SF		1					
	HTPR	10	1223	1228	1250	S03	W35	4110	03	7.9	27	SF			C	1228	60	.7	E
	RAMY	10	1224	1228	1238	S04	W34	4110	03	8.0	14	SF		3	C		26		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Imp See	Obs Type	Time (UT)	Area Measurement Apparent (10^{-6} Disk)	Area Measurement Corr (Sq Deg)	Remarks
0158		10	12433	1247*	1312	S22	W57	4104	03	6.1	29	SF					31		
	KANZ	10	1243	1247	1303	S23	W54	4104	03	6.4	20	SF		1					
	RAMY	10	1246	1258	1322	S21	W60	4104	03	5.9	36	SF		3	C		31		
0159		10	13332	13343	1342	S08	W83	4105	03	4.3	9	SN					26		D
	HTPR	10	1333	1337	1340	S08	W85	4105	03	4.2	7	SF			C	1337	20		
	KANZ	10	1334	1334	1346	S09	W89	4105	03	3.9	12	SB		1					D
	RAMY	10	1335	1337	1340	S06	W74	4105	03	5.0	5	SF		3	C		33		
0160		10	15101	15143	1524	S08	W87	4105	03	4.1	14	SN	C 1.0				30		
	KANZ	10	1510	1514	1522	S07	W89	4105	03	4.0	12	SN	C 1.0	1					
	WEND	10	1511	1515	1521	S11	W89	4105	03	3.9	10	SN	C 1.0		C	1515	25		
	HTPR	10	1511	1515	1526	S08	W86	4105	03	4.2	15	SF	C 1.0		C	1515	20		
	HOLL	10	1511	1517	1528	S07	W85	4105	03	4.3	17	SF	C 1.0	3	C		46		
0161	HOLL	11	0018	0026	0039	S01	W42	4110	03	7.9	21	SF		3	C		30		
0162		11	0112*	0146*	0234	S04	W48	4110	03	7.5	82	SF	C 1.3				124	2.4	EFJK
	CULG	11	0112	0207	0246	S05	W48	4110	03	7.4	94	1N			C	0207	260	3.9	K
	LEAR	11	0120	0146	0218	S03	W45	4110	03	7.7	58	SF	C 1.3	3	C		71		F
	PALE	11	0121E	0148U	0157D	S05	W45	4110	03	7.7	36D	SF	C 1.3	3	C		35		F
	YUNN	11	0128	0152	0230	S02	W50	4110	03	7.3	62	SN	C 1.3		C		48	.8	
	VORO	11	0134	0150	0300D	S02	W50	4110	03	7.3	86D	1F	C 1.3		C	0150	206	3.2	EJ
	PEKG	11	0142	0159	0240	S03	W49	4110	03	7.4	58	SN			P	0159	126	2.0	E
	PURP	11	0155	0228	0251D	S07	W51	4110	03	7.2	56D	SF			C	0228	121	2.0	
0163	KANZ	11	0937	0937	0945	S23	W70	4104	03	6.0	8	SF		1					
0164	KANZ	11	1017	1017	1032	S16	W80	4102	03	5.4	15	SF		1					
0165	KANZ	11	1252	1258	1310	S16	W80	4102	03	5.5	18	SF		1					
		11	1659		1705	No Flare Patrol													
		11	1822		1826	No Flare Patrol													
		11	1921		1927	No Flare Patrol													
		11	2013		2018	No Flare Patrol													
0166	YUNN	12	0031E	0045	0045D	S09	E01	4114	03	12.1	14D	SN			P		32	.3	
0167	ABST	12	0650	0657	0710	S09	W04	4114	03	12.0	20	SF			C	0657	131	1.5	E
		12	1901		1902	No Flare Patrol													
		12	1925		1941	No Flare Patrol													
		13	2153		2158	No Flare Patrol													
0168	PEKG	14	0546	0547	0548	S06	W88	4110	03	7.6	2	SF			P	0547	50		E
0169	YUNN	14	0617	0623	0700	S07	E89	4116	03	20.9	43	SN			C		16		A
0170	PEKG	14	0624	0628	0642	S06	W88	4110	03	7.7	18	SF			P	0628	42		E
0171	YUNN	14	0651	0657	0658	S13	E60	4115	03	18.8	.7	SN			C		32	.6	D
		14	1022		1034	No Flare Patrol													
0172		14	1150	1200	1200	S11	E86	4118	03	21.0	10	1F					56		DH
	KHAR	14	1148E		1205D	S13	E83	4118	03	20.7	17D	SF			P	1153			DH
	CATA	14	1150	1200	1200	S09	E90	4118	03	21.2	10	1		1	P	1200	56		
		14	1206		1229	No Flare Patrol													
		14	1306		1339	No Flare Patrol													
		14	1410		1425	No Flare Patrol													
		14	1536		1542	No Flare Patrol													
0173	HOLL	14	1639	1705	1708	S14	E56	4115	03	18.9	29	SF		3	C		18		
0174	HOLL	14	1651	1654	1656	S05	E84	4116	03	21.0	5	SF		3	C		11		

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0175	HOLL	14	1713	1721	1732	S07	E82	4116	03	20.8	19	SF		3	C		25		F
0176	HOLL	14	1733	1739	1744	S14	E56	4115	03	19.0	11	SF		3	C		47		
0177	HOLL	14	1757	1818	1819	S05	E83	4116	03	20.9	22	SF		3	C		25		
0178	HOLL	14	1832	1833	1841	S08	E84	4116	03	21.1	9	SF		3	C		16		
0179	HOLL	14	1904	1919	1938	S09	E72	4116	03	20.2	34	SF		3	C		45		
0180	HOLL	14	1907	1909	1923	S14	E54	4115	03	18.9	16	SF		3	C		21		
0181	HOLL	14	2137	2142	2149	S07	E78	4116	03	20.7	12	SF		3	C		13		
		14	2208		2232	No Flare Patrol													
0182	HOLL	14	2323	2329	2345	S08	E77	4116	03	20.7	22	SF		3	C		19		
0183	YUNN	15	0224E	0229	0241D	N19	W03	4117	03	14.9	17D	SN			P		80	.9	
0184	YUNN	15	0313	0315	0326	N20	W04	4117	03	14.8	13	SN			C		96	1.1	
		15	0353		0359	No Flare Patrol													
0185		15	04092	04166	0444	S18	E58	4115	03	19.6	35	SF	C 1.0				107	2.2	EFGS
	LEAR	15	0409E	0409U	0447	S19	E58	4115	03	19.6	38D	SF	C 1.0	2	C		89		FS
	YUNN	15	0409	0422	0441	S18	E58	4115	03	19.6	32	SN	C 1.0		C		64	1.2	
	PURP	15	0411	0416	0445	S18	E59	4115	03	19.7	34	1F	C 1.0		C	0416	168	3.3	EG
0186	YUNN	15	0650	0653	0659	S13	E49	4115	03	19.0	9	SN			C		48	.8	
0187	ABST	15	0833E	0841	0853D	S08	E74	4116	03	20.9	20D	1F			P	0841	87		D
		15	1232		1237	No Flare Patrol													
		15	1244		1248	No Flare Patrol													
		15	1312		1351	No Flare Patrol													
		15	1417		1418	No Flare Patrol													
		15	1514		1524	No Flare Patrol													
0188	RAMY	15	1539	1545	1554	S15	E44	4115	03	19.0	15	SF		3	C		56		
0189	HOLL	15	1814	1815	1827	N19	W11	4117	03	14.9	13	SN		3	C		58		F
0190		15	18531	1856	1942	S08	E71	4116	03	21.1	49	SN	C 3.0				66		F
	HOLL	15	1853	1856	1951	S08	E72	4116	03	21.2	58	SN	C 3.0	3	C		83		F
	RAMY	15	1854	1856	1932	S09	E70	4116	03	21.0	38	SN	C 3.0	3	C		49		
		15	2039		2045	No Flare Patrol													
		15	2136		2324	No Flare Patrol													
0191	LEAR	16	0034	0036	0042	S14	E41	4115	03	19.1	8	SF		3	C		19		
0192	LEAR	16	0110	0112	0121	S07	E63	4116	03	20.8	11	SF	C 1.1	3	C		39		
0193		16	0111	0113	0126	S12	E39	4115	03	19.0	15	SN					37	.5	F
	LEAR	16	0111	0113	0127	S14	E39	4115	03	19.0	16	SF		3	C		34		F
	CULG	16	0112E	0112U	0126	S10	E39	4115	03	19.0	14D	SN			P	0112	40	.5	
0194		16	01353	01381	0144	S06	E68	4116	03	21.1	9	SF					39	1.3	
	CULG	16	0135	0139	0142	S03	E68	4116	03	21.1	7	SF			C	0139	50	1.3	
	LEAR	16	0136	0138	0146	S08	E69	4116	03	21.2	10	SF		3	C		44		
	PALE	16	0138	0139	0143	S07	E66	4116	03	21.0	5	SF		2	C		24		
0195		16	03141	03177	0330	S13	E36	4115	03	18.8	16	SF	C 1.4				54	.7	E
	PEKG	16	0314	0317	0330	S13	E36	4115	03	18.8	16	SF	C 1.4		C	0317	59	.7	E
	PALE	16	0315	0324	0330	S13	E36	4115	03	18.8	15	SF	C 1.4	2	C		49		
0196		16	03382	03419	0400	S14	E36	4115	03	18.9	22	SN	C 1.5				80	1.2	EF
	LEAR	16	0338	0341	0359	S14	E37	4115	03	18.9	21	SN	C 1.5	3	C		67		F
	PEKG	16	0340	0350	0401	S14	E36	4115	03	18.9	21	SF	C 1.5		C	0350	92	1.2	E

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0197		16	0426	04314	0447	S14	E35	4115	03	18.8	21	SN						30	.4	E
	PEKG	16	0426	0431	0440	S13	E35	4115	03	18.8	14	SF				C	0431	34	.4	E
	PURP	16	0435E	0435	0454	S15	E35.	4115	03	18.8	19D	SN				P	0435	27	.3	
0198	PEKG	16	0531	0534	0556	S14	E35	4115	03	18.9	25	SF				C	0534	29	.4	E
0199	ABST	16	0656	0704	0710	S14	E35	4115	03	18.9	14	SN				C	0704	87	.9	D
0200	ABST	16	0710	0713	0725	N18	W22	4117	03	14.6	15	SF				C	0713	87	1.1	D
0201	ABST	16	0715	0718	0728	S07	E58	4116	03	20.6	13	1F				C	0718	131	2.6	EK
0202	PEKG	16	0737	0741	0749	S13	E34	4115	03	18.9	12	SF				C	0741	17	.2	D
0203	PEKG	16	0757	0802	0810	S13	E34	4115	03	18.9	13	SF				C	0802	25	.3	E
0204		16	0826E		0900	S12	E33	4115	03	18.8	34D	SF						20	.2	E
	HTPR	16	0826E		0900	S12	E33	4115	03	18.8	34D	SF				C	0835	20	.2	
	KHAR	16	0910E		0920D	S13	E33	4115	03	18.9	10D	SF				V	0910			E
0205	HTPR	16	1109E		1113D	S12	E32	4115	03	18.9	4D	SF				C	1111	20	.2	
0206		16	1745	1752	1806	S08	E51	4116	03	20.6	21	SF						33		F
	PALE	16	1745	1752	1800	S08	E51	4116	03	20.6	15	SF			3	C		40		F
	HOLL	16	1745	1752	1812	S09	E51	4116	03	20.6	27	SF			3	C		26		
0207	PALE	16	1756	1800	1803	S13	E29	4115	03	18.9	7	SF			3	C		22		
0208	HOLL	16	1815	1816	1822	S09	E52	4116	03	20.7	7	SF			3	C		25		
0209	HOLL	16	1846	1850	1858	S07	E56	4116	03	21.0	12	SF	C	1.0	3	C		24		
0210		16	19241	19262	1932	S09	E52	4116	03	20.7	8	SF						42		
	RAMY	16	1924	1928	1936	S10	E55	4116	03	20.9	12	SF			3	C		56		
	PALE	16	1925	1926	1928	S08	E49	4116	03	20.5	3	SF			3	C		29		
0211		16	21032	2106*	2343	S08	E51	4116	03	20.7	160	SF	C	7.3				87		FHK
	PALE	16	2103	2120	2137D	S08	E47	4116	03	20.4	34D	SF			3	C		108		
	HOLL	16	2105	2106	2346D	S07	E53	4116	03	20.8	161D	SF			3	C		26		K
	HOLL	16	2105	2209	2346D	S07	E53	4116	03	20.8	161D	1N	C	7.3	3	C		186		FHK
	LEAR	16	2334E	2337	2343	S10	E52	4116	03	20.9	9D	SF			3	C		27		
0212	HOLL	17	0015	0015	0052D	S08	E48	4116	03	20.6	37D	SF	C	3.2	3	C		27		F
0213	PURP	17	0031	0036	0110	S09	E52	4116	03	20.9	39	1N				C	0036	295	4.9	E
0214	PURP	17	0132	0158	0213	S09	E48	4116.	03	20.7	41	1F				C	0158	134	2.1	
0215		17	02231	0225*	0401	S08	E50	4116	03	20.8	98	SB	M	1.1				90	2.0	DEK
	PALE	17	0223	0226	0252	S06	E49	4116	03	20.8	29	SN	M	1.1	3	C		73		
	PURP	17	0224	0225	0513	S09	E50	4116	03	20.8	169	SB	M	1.1		C	0225	94	1.5	DK
	LEAR	17	0224	0227	0246	S07	E52	4116	03	21.0	22	SB	M	1.1	3	C		45		
	PURP	17	0224	0242	0513	S09	E51	4116	03	20.9	169	1N				C	0242	148	2.4	E
0216	LEAR	17	0441	0445	0556	S08	E46	4116	03	20.6	75	SF	C	4.0	3	C		43		
0217		17	06565	0701	0705	S14	E25	4115	03	19.2	9	SN						58	.9	D
	ABST	17	0656	0701	0706	S14	E25	4115	03	19.2	10	SN				C	0701	87	.9	D
	LEAR	17	0701	0701	0704	S14	E25	4115	03	19.2	3	SF			3	C		30		
0218		17	0714*	0723*	0748	S06	E46	4116	03	20.7	34	SN	C	2.7				95	1.4	EF
	MITK	17	0714	0731	0746D	S07	E47	4116	03	20.8	32D	1N				C	0731	270	4.0	E
	ABST	17	0721	0724	0755	S08	E45	4116	03	20.7	34	SN				C	0724	131	1.9	E
	PURP	17	0723E	0723	0758	S09	E45	4116	03	20.7	35D	SF	C	2.7		C	0723	67	1.0	
	LEAR	17	0723	0724	0753	S07	E46	4116	03	20.7	30	SN	C	2.7	3	C		99		F
	CULG	17	0723	0725	0738	S02	E46	4116	03	20.7	15	SN	C	2.7		C	0725	40	.6	
	BUCA	17	0724E		0746	S07	E44	4116	03	20.6	22D	SN	C	2.7		C	0724	107	1.5	E
	HTPR	17	0724	0726	0748	S06	E43	4116	03	20.5	24	SN	C	2.7		C	0726	40	.5	E
	CATA	17	0730	0735	0745	S08	E45	4116	03	20.7	15	S			2	P	0735	84	1.2	
	HTPR	17	0732	0733	0737	S05	E50	4116	03	21.0	5	SF				C	0733	20	.3	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp	Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10^{-6} Disk)	Area Measurement Corr (Sq Deg)	Remarks
0219	HTPR	17	0723E		0737	S12	E24	4115	03	19.1	14D	SF				C	0725	40	.4	E
0220	KANZ	17	0824	0824	0832	S06	E49	4116	03	21.0	8	SF			3					
0221	KANZ	17	0824	0828	0832	S14	E24	4115	03	19.2	8	SF			3					
0222		17	08596	09048	0938	S07	E47	4116	03	20.9	39	1B	M	2.2				188	2.8	EF
	KANZ	17	0859	0907	0943	S07	E45	4116	03	20.7	44	SB			3					
	LEAR	17	0900	0904	0940	S08	E48	4116	03	21.0	40	1B	M	2.2	3	C		223		F
	HTPR	17	0901	0905	0930	S09	E47	4116	03	20.9	29	SB	M	2.2		C	0905	80	1.2	E
	KAND	17	0901	0909	0952	S07	E47	4116	03	20.9	51	1B	M	2.2		C		187	2.8	E
	MANI	17	0904E	0905U	0908D	S03	E50	4116	03	21.1	4D	SB	M	2.2	1	V		80	1.3	F
	KHAR	17	0905E		0945D	S08	E46	4116	03	20.8	40D	1N	M	2.2		P	0907	250	3.8	E
	PEKG	17	0905	0912	0946	S07	E47	4116	03	20.9	41	1N	M	2.2		C	0912	160	2.4	F
	CATA	17	0907E	0907	0915	S08	E48	4116	03	21.0	8D	2	M	2.2	2	P	0907	337	5.2	
0223	HTPR	17	0943	1011	1026	S06	E41	4116	03	20.5	43	SF				C	1011	30	.4	E
0224		17	10341	10362	1048	S08	E46	4116	03	20.9	14	SN						26	.4	D
	KAND	17	1034	1036	1040	S07	E49	4116	03	21.1	6	SN				C		21	.3	D
	KAND	17	1035	1038	1055	S08	E42	4116	03	20.6	20	SN				C		31	.4	D
0225		17	1057*	1100*	1118	S07	E44	4116	03	20.7	21	SN						70	1.0	EHL
	KHAR	17	1056E	1100	1114D	S07	E46	4116	03	20.9	18D	SN				P	1106	130	1.9	EH
	KANZ	17	1057	1102	1113	S06	E48	4116	03	21.0	16	SN			3					
	HTPR	17	1057	1105	1118	S10	E46	4116	03	20.9	21	SB				C	1105	100	1.4	E
	KAND	17	1100	1104	1110	S06	E46	4116	03	20.9	10	SB				C		42	.6	E
	HTPR	17	1102	1106	1119	S06	E38	4116	03	20.3	17	SN				C	1106	10	.1	
	KANZ	17	1109	1121	1133	S09	E40	4116	03	20.5	24	SN			3					L
0226		17	1128*	1143*	1212	S08	E41	4116	03	20.5	44	SF						45	.4	E
	HTPR	17	1128	1143	1157	S06	E40	4116	03	20.5	29	SF				C	1143	30	.4	E
	KANZ	17	1141	1149	1212	S08	E41	4116	03	20.6	31	SF			3					
	RAMY	17	1151E	1151U	1214	S08	E43	4116	03	20.7	23D	SF			3	C		85		
	HTPR	17	1207	1209	1225	S09	E41	4116	03	20.6	18	SF				C	1209	20	.3	
0227		17	1223*	12333	1242	S05	E44	4116	03	20.8	19	SN						30	.4	DE
	HTPR	17	1223	1233	1245	S06	E39	4116	03	20.4	22	SN				C	1233	40	.5	E
	KANZ	17	1232	1236	1240	S05	E47	4116	03	21.0	8	SN			3					D
	HTPR	17	1235	1236	1240	S05	E47	4116	03	21.0	5	SF				C	1236	20	.3	
0228		17	1333*	1337*	1416	S08	E43	4116	03	20.8	43	SN						79	1.4	EL
	KANZ	17	1333	1337	1405	S07	E45	4116	03	20.9	32	SB			3					L
	HTPR	17	1334	1338	1355	S09	E45	4116	03	20.9	21	SB				C	1338	120	1.7	E
	RAMY	17	1359	1401	1416	S08	E43	4116	03	20.8	17	SF			3	C		36		
	HTPR	17	1400	1435	1450	S09	E40	4116	03	20.6	50	SN				C	1435	80	1.0	E
0229		17	14581	14591	1509	S07	E39	4116	03	20.5	11	SN	C	2.6				76	.9	EF
	HOLL	17	1458	1459	1512	S07	E38	4116	03	20.5	14	SN	C	2.6	3	C		87		F
	KANZ	17	1459	1459	1503D	S07	E41	4116	03	20.7	4D	SN	C	2.6	3					
	RAMY	17	1459	1500	1508	S07	E40	4116	03	20.6	9	SN	C	2.6	3	C		81		
	HTPR	17	1459	1500	1508	S06	E38	4116	03	20.5	9	SB	C	2.6		C	1500	60	.9	E
0230		17	19398	19496	2002	S06	E42	4116	03	21.0	23	SN	C	1.0				52		F
	RAMY	17	1939	1955	2000	S06	E42	4116	03	21.0	21	SN	C	1.0	3	C		56		
	HOLL	17	1947	1949	2003	S06	E43	4116	03	21.0	16	SN	C	1.0	3	C		49		F
0231		17	20111	20134	2103	S08	E42	4116	03	21.0	52	1B	M	5.2				377		KUZ
	HOLL	17	2011	2013	2101	S08	E42	4116	03	21.0	50	1B	M	5.2	3	C		358		UK
	HOLL	17	2011	2017	2101	S08	E42	4116	03	21.0	50	1B	M	5.2	3	C		434		K
	RAMY	17	2012	2014	2106	S07	E42	4116	03	21.0	54	1B	M	5.2	3	C		340		Z
0232	CULG	17	2157	2159	2205	S13	E14	4115	03	19.0	8	SN				C	2159	50	.5	
0233		17	2308	2313	2320	S14	E14	4115	03	19.0	12	SN						52	.7	
	CULG	17	2308	2313	2318	S13	E14	4115	03	19.0	10	SN				C	2313	70	.7	
	LEAR	17	2315E		2322	S14	E14	4115	03	19.0	7D	SF			2	C		35		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Imp See	Obs Type	Time (UT)	Area Measurement Apparent (10^{-6} Disk)	Area Measurement Corr (Sq Deg)	Remarks
0234		17	23237	23284	2344	S06	E39	4116	03	20.9	21	SN	C 6.1				68	1.5	H
	CULG	17	2323	2328	2346	S05	E39	4116	03	20.9	23	SN	C 6.1		C	2328	110	1.5	H
	LEAR	17	2330	2332	2342	S08	E39	4116	03	20.9	12	SN	C 6.1	3	C		27		H
0235		18	0038*	0051*	0138	S13	E12	4115	03	18.9	60	SB	C 5.4				174	2.0	EFJK
	PEKG	18	0038	0052	0135	S13	E11	4115	03	18.8	57	SB	C 5.4		C	0052	113	1.2	FK
	PEKG	18	0038	0102	0135	S13	E11	4115	03	18.8	57	SB	C 5.4		C	0102	160	1.7	F
	HOLL	18	0048E	0049U	0105D	S10	E11	4115	03	18.8	17D	SN	C 5.4	2	C		75		F
	CULG	18	0048	0104U	0104D	S12	E12	4115	03	18.9	16D	1B	C 5.4		P	0104	240	2.5	
	MITK	18	0049	0101	0138	S13	E12	4115	03	18.9	49	1N	C 5.4		C	0101	220	2.3	E
	LEAR	18	0050	0051	0158	S15	E13	4115	03	19.0	68	SN	C 5.4	3	C		177		F
	VORO	18	0050	0059	0120	S12	E12	4115	03	18.9	30	1N	C 5.4		C	0059	242	2.5	EJ
	PURP	18	0053E	0107	0140	S15	E14	4115	03	19.1	47D	SB	C 5.4		C	0107	161	1.7	E
0236		18	01533	01566	0219	S07	E37	4116	03	20.8	26	SN	M 1.1				148	2.1	EFHJ
	CULG	18	0153	0159	0214	S05	E39	4116	03	21.0	21	SN	M 1.1		C	0159	110	1.4	
	LEAR	18	0154	0156	0224	S08	E37	4116	03	20.8	30	SB	M 1.1	3	C		119		H
	PALE	18	0154	0157	0223	S08	E37	4116	03	20.8	29	SN	M 1.1	3	C		93		F
	PURP	18	0154	0157	0237	S09	E37	4116	03	20.8	43	SN			C	0157	154	2.0	
	VORO	18	0154	0202	0212	S09	E32	4116	03	20.5	18	1F			C	0202	188	2.2	EHJ
	YUNN	18	0155E	0157	0211	S07	E39	4116	03	21.0	16D	1N			P		189	2.5	F
	PEKG	18	0156	0202	0212	S07	E37	4116	03	20.8	16	1N			C	0202	185	2.4	F
0237		18	04382	04414	0505	S07	E36	4116	03	20.9	27	1N	M 1.7				179	2.4	EF
	CULG	18	0438	0443	0450	S06	E40	4116	03	21.2	12	1N	M 1.7		C	0443	180	2.4	
	MITK	18	0439	0445	0515	S06	E37	4116	03	21.0	36	SN	M 1.7		C	0445			E
	PEKG	18	0440	0441	0451	S08	E34	4116	03	20.7	11	1N	M 1.7		C	0441	197	2.4	F
	LEAR	18	0440	0444	0454	S07	E38	4116	03	21.0	14	SB	M 1.7	3	C		138		F
	PURP	18	0441E	0445	0538	S10	E33	4116	03	20.7	57D	1N	M 1.7		C	0445	201	2.5	E
0238	LEAR	18	0548	0550	0554	S13	E13	4115	03	19.2	6	SF		3	C		26		
0239		18	08019	08084	0834	S11	E09	4115	03	19.0	33	1B	C 4.2				296	2.9	EFJ
	LEAR	18	0801	0808	0851	S11	E12	4115	03	19.2	50	1B	C 4.2	3	C		351		F
	HTPR	18	0805	0808	0845	S11	E09	4115	03	19.0	40	1B	C 4.2		C	0808	250	2.5	E
	PEKG	18	0806	0808	0820	S11	E09	4115	03	19.0	14	1N	C 4.2		P	0808	210	2.2	FJ
	ABST	18	0806	0809	0830	S11	E08	4115	03	18.9	24	1N	C 4.2		C	0809	436	4.4	E
	YUNN	18	0807E	0807U	0830	S12	E09	4115	03	19.0	23D	SB	C 4.2		P	0807	157	1.6	E
	PURP	18	0809E	0810	0838	S13	E09	4115	03	19.0	29D	1B	C 4.2		C	0810	201	2.1	
	CATA	18	0810	0810	0825	S12	E09	4115	03	19.0	15	1	C 4.2	2	P	0810	281	2.9	
	BUCA	18	0810E	0812	0835	S10	E08	4115	03	18.9	25D	1N	C 4.2		C	0812	483	5.0	E
0240	HTPR	18	1047	1050	1105	S07	E31	4116	03	20.8	18	SN			C	1050	20	.2	
0241	KANZ	18	1258	1302	1306	S14	E08	4115	03	19.1	8	SF		3					
0242		18	13245	13322	1339	S10	E41	4118	03	21.6	15	SN					39	.4	E
	KANZ	18	1324	1332	1340	S10	E41	4118	03	21.6	16	SN		3					
	HTPR	18	1325	1333	1338	S10	E40	4118	03	21.6	13	SF			C	1333	30	.4	E
	RAMY	18	1329	1334	1339	S11	E41	4118	03	21.6	10	SN		3	C		48		
0243		18	14133	14182	1435	S07	E30	4116	03	20.8	22	SB	C 3.3				59	.3	
	RAMY	18	1413	1420	1445	S08	E31	4116	03	20.9	32	SB	C 3.3	3	C		88		
	KANZ	18	1415	1418	1429	S07	E30	4116	03	20.8	14	SB	C 3.3	3					
	HTPR	18	1416	1419	1430	S07	E30	4116	03	20.8	14	SB	C 3.3		C	1419	30	.3	
0244	KANZ	18	1444	1448	1456	S13	E01	4115	03	18.7	12	SF		3					
0245		18	14586	1508	1525	S06	E30	4116	03	20.9	27	SN	C 1.2				71	.3	EF
	HTPR	18	1458	1508	1523	S07	E29	4116	03	20.8	25	SB	C 1.2		C	1508	30	.3	E
	RAMY	18	1459	1508	1536	S06	E31	4116	03	20.9	37	SN	C 1.2	3	C		140		
	KANZ	18	1504	1508	1517	S05	E31	4116	03	20.9	13	SN	C 1.2	3					E
	HOLL	18	1507E	1507U	1522D	S05	E30	4116	03	20.9	15D	SF	C 1.2	3	C		43		F
0246	HTPR	18	1538	1542	1553	S10	E39	4118	03	21.6	15	SF			C	1542	20	.2	E
0247		18	1549*	1555*	1630	S13	E06	4115	03	19.1	41	SF					41	.5	EF
	HTPR	18	1549	1555	1607	S11	E06	4115	03	19.1	18	SF			C	1555	50	.5	E
	RAMY	18	1550	1556	1609	S13	E06	4115	03	19.1	19	SN		3	C		43		
	HOLL	18	1550E	1621	1652	S12	E07	4115	03	19.2	62D	SF		3	C		29		F
	RAMY	18	1632	1641	1650	S15	E03	4115	03	18.9	18	SF		3	C		41		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Obs See	Obs Type	Area Measurement Time (UT)	Area Measurement Apparent (10^{-6} Disk)	Area Measurement Corr (Sq Deg)	Remarks
0248	RAMY	18	1744	1745	1825	S15	E02	4115	03	18.9	41	SF		3	C		30		
0249		18	18511	1854	1922	S08	E28	4116	03	20.9	31	1B	C 3.5				203		EF
	RAMY	18	1851	1854	1925	S08	E28	4116	03	20.9	34	1B	C 3.5	3	C		226		
	HOLL	18	1852	1854	1920	S08	E28	4116	03	20.9	28	SB	C 3.5	3	C		180		FE
		18	2101		2229	No Flare Patrol													
0250	LEAR	19	0029	0035	0047	S13	E02	4115	03	19.2	18	SF		3	C		23		
0251	LEAR	19	0159	0200	0210	S13	E00	4115	03	19.1	11	SF		3	C		73		
0252		19	03008	0305*	0323	S12	E00	4115	03	19.1	23	SF	C 1.1				61		F
	LEAR	19	0300	0305	0307	S12	E01	4115	03	19.2	7	SF		3	C		51		F
	LEAR	19	0308	0316	0339	S12	W01	4115	03	19.0	31	SF	C 1.1	3	C		71		
0253	LEAR	19	0557	0605	0654	S07	E20	4116	03	20.7	57	SF		3	C		42		F
0254	ABST	19	0628E	0630	0638	S14	W05	4115	03	18.9	100	SF			P	0630	87	.9	D
0255		19	08003	0805	0818	S13	W06	4115	03	18.9	18	SN					38	.4	
	CATA	19	0800	0805	0815	S13	W06	4115	03	18.9	15	S		2	C	0805	56	.6	
	HTPR	19	0803	0805	0822	S13	W05	4115	03	18.9	19	SN			C	0805	20	.2	
0256	HTPR	19	0853	0855	0905	S12	W01	4115	03	19.3	12	SF			C	0855	10	.1	
		19	1002		1004	No Flare Patrol													
0257	HTPR	19	1040	1041	1102	S14	W04	4115	03	19.1	22	SF			C	1041	50	.5	
0258	HTPR	19	1201	1208	1220	S13	W04	4115	03	19.2	19	SN			C	1208	60	.6	E
0259	HTPR	19	1304	1323	1338	S13	W04	4115	03	19.2	34	SN			C	1323	50	.5	E
0260		19	14201	14231	1436	S14	W04	4115	03	19.3	16	SN					35	.4	
	HTPR	19	1420	1423	1442	S14	W04	4115	03	19.3	22	SF			C	1423	40	.4	
	RAMY	19	1421	1424	1431	S14	W04	4115	03	19.3	10	SN		3	C		30		
0261	HTPR	19	1535	1540	1544	S14	W05	4115	03	19.3	9	SF			C	1540	30	.3	
0262	HTPR	19	1637		1639	S06	E15	4116	03	20.8	2	SN			C	1639	150	1.5	E
		19	1640		1942	No Flare Patrol													
		19	1948		2233	No Flare Patrol													
0263	PALE	20	0046	0048U	0110	S12	W10	4115	03	19.3	24	SF		3	C		42		
0264	YUNN	20	0118	0120	0136	S14	E64	4120	03	24.9	18	SN			C		31	.7	
0265		20	01271	01305	0156	S13	W13	4115	03	19.1	29	SN	C 1.0				64	.9	E
	YUNN	20	0124E	0132	0200	S12	W14	4115	03	19.0	36D	SB	C 1.0		P		94	1.0	E
	LEAR	20	0127	0130	0150	S14	W11	4115	03	19.2	23	SF	C 1.0	3	C		41		
	PALE	20	0128	0132	0142	S13	W13	4115	03	19.1	14	SF	C 1.0	3	C		40		
	PURP	20	0128	0135	0210	S13	W14	4115	03	19.0	42	SF	C 1.0		C	0135	81	.8	E
0266		20	0254	02559	0325	S12	W13	4115	03	19.1	31	SN	C 1.2				58	.7	EF
	PALE	20	0254	0255	0324	S12	W12	4115	03	19.2	30	SF	C 1.2	3	C		40		F
	LEAR	20	0254	0259	0322	S13	W13	4115	03	19.1	28	SF	C 1.2	3	C		46		F
	PURP	20	0257E	0259	0330	S13	W15	4115	03	19.0	33D	SN	C 1.2		C	0259	67	.7	E
	PEKG	20	0257E	0300U	0326D	S13	W13	4115	03	19.1	29D	SN	C 1.2		P	0300	59	.6	E
	YUNN	20	0302E	0304	0324	S12	W14	4115	03	19.1	22D	SN	C 1.2		P		79	.8	E
0267	PURP	20	0348E	0348	0426	S15	W14	4115	03	19.1	38D	SF			P	0348	54	.6	
0268	LEAR	20	0525	0530	0559	S13	W15	4115	03	19.1	34	SN	C 1.8	3	C		71		F
0269		20	06505	06533	0707	S10	E03	4116	03	20.5	17	SN					102	1.2	DEF
	ABST	20	0650	0653	0705	S11	E02	4116	03	20.4	15	SN			C	0653	131	1.3	E
	CATA	20	0650	0655	0700	S12	E02	4116	03	20.4	10	S		1	C	0655	169	1.7	
	YUNN	20	0652E	0656U	0656D	S11	E02	4116	03	20.4	4D	SN			P	0656	79	.8	F
	LEAR	20	0653	0656	0714	S13	E02	4116	03	20.4	21	SF		3	C		44		F
	ABST	20	0655	0656	0710	S06	E06	4116	03	20.7	15	SF			C	0656	87	.9	D

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Imp See	Obs Type	Area Measurement Time (UT)	Area Measurement Apparent (10^{-6} Disk)	Area Measurement Corr (Sq Deg)	Remarks
0270	LEAR	21	0310	0313	0334	S13	W28	4115	03	19.0	24	SF		3	C		64		F
0271		21	15281	15377	1608	S13	W37	4115	03	18.8	40	SF	C 1.1				101		
	RAMY	21	1528	1537	1608	S12	W35	4115	03	19.0	40	SF	C 1.1	3	C		103		
	HOLL	21	1529	1544	1602D	S14	W39	4115	03	18.7	33D	SF	C 1.1	3	C		99		
0272		21	20143	2019	2039	S11	W36	4115	03	19.1	25	SN	C 1.4				81		F
	HOLL	21	2014	2019	2030	S10	W36	4115	03	19.1	16	SN	C 1.4	3	C		97		F
	RAMY	21	2014	2019	2048	S12	W36	4115	03	19.1	34	SN	C 1.4	3	C		93		
	PALE	21	2017	2017U	2026D	S12	W37	4115	03	19.0	9D	SF	C 1.4	3	C		53		F
0273		21	2123	21255	2149	S12	W36	4115	03	19.2	26	SN	C 1.9				80	1.0	F
	HOLL	21	2123	2125	2147	S11	W36	4115	03	19.2	24	SN	C 1.9	3	C		81		F
	CULG	21	2123	2130	2151	S13	W37	4115	03	19.1	28	SN	C 1.9		C	2130	80	1.0	
0274	LEAR	22	0157	0157	0205	S13	W39	4115	03	19.1	8	SF	C 1.1	3	C		45		F
0275		22	02397	02461	0300	S12	W40	4115	03	19.1	21	SN	C 1.1				64	.9	F
	YUNN	22	0239	0247	0304	S10	W41	4115	03	19.0	25	SN	C 1.1		C		63	.9	F
	LEAR	22	0246	0246	0257	S13	W40	4115	03	19.1	11	SF	C 1.1	3	C		64		F
0276		22	03405	03451	0402	S12	W02	4121	03	22.0	22	SN	C 1.1				76	1.3	
	CULG	22	0340	0345	0356	S11	E00	4121	03	22.1	16	SN	C 1.1		C	0345	130	1.3	
	LEAR	22	0345	0346	0409	S13	W04	4121	03	21.8	24	SF	C 1.1	3	C		23		
		22	1925		1926	No Flare Patrol													
0277	PALE	22	1935	1935	1946	S11	W11	4118	03	22.0	11	SF		3	C		23		
		22	2008		2045	No Flare Patrol													
0278		23	0124	01255	0150	S12	W14	4121	03	22.0	26	SN	C 2.1				60	.7	EF
	LEAR	23	0124	0125	0201	S12	W14	4121	03	22.0	37	SF	C 2.1	3	C		56		F
	YUNN	23	0126E	0130	0139	S11	W14	4121	03	22.0	13D	SN	C 2.1		P		63	.7	E
0279		23	07177	0724*	0753	S11	W19	4118	03	21.9	36	SF					109	1.3	E
	ABST	23	0717	0724	0745	S12	W20	4118	03	21.8	28	SF			C	0724	157	1.7	E
	CATA	23	0720	0725	0750	S11	W19	4118	03	21.9	30	S		1	C	0725	140	1.5	
	LEAR	23	0721	0734	0803	S12	W18	4118	03	21.9	42	SF		3	C		73		
	PEKG	23	0724	0727	0744	S11	W19	4118	03	21.9	20	SF			C	0727	67	.7	E
	KANZ	23	0730E	0733	0805	S12	W18	4118	03	21.9	35D	SN		3					
0280	LEAR	23	0747	0752	0753	S11	W58	4115	03	19.0	6	SF		3	C		20		
0281		23	0841*	08454	0901	S14	E18	4120	03	24.7	20	SF					72	.8	E
	CATA	23	0835E	0845	0910	S14	E18	4120	03	24.7	35D	S		1	P	0845	112	1.2	
	HTPR	23	0840E		0900	S16	E17	4120	03	24.6	20D	SF			C	0848	60	.6	E
	KANZ	23	0841	0849	0853D	S14	E18	4120	03	24.7	12D	SN		3					
	KAND	23	0841	0849	0858	S14	E18	4120	03	24.7	17	SN			C		52	.6	E
	PEKG	23	0844	0847	0858	S13	E17	4120	03	24.6	14	SF			C	0847	63	.7	E
	ISTA	23	0855		0902	S13	E17	4120	03	24.6	7	SF							E
0282	RAMY	23	1348	1348	1354	S12	W65	4115	03	18.7	6	SF		3	C		17		
0283	RAMY	23	1440	1441	1449	S15	E58	4123A	03	28.0	9	SN		3	C		32		
0284	RAMY	23	1526	1534	1545	S12	W23	4121	03	21.9	19	SF		3	C		36		F
0285		23	18521	1853	1900	S12	W66	4115	03	18.8	8	SB	C 4.0				102		
	RAMY	23	1852	1853	1859	S12	W64	4115	03	19.0	7	SB	C 4.0	3	C		105		
	PALE	23	1853	1853	1900	S11	W68	4115	03	18.7	7	SB	C 4.0	3	C		98		
0286		23	19273	19292	1952	S14	W22	4121	03	22.1	25	SF					34		F
	RAMY	23	1927	1929	1956	S13	W21	4121	03	22.2	29	SF		3	C		42		
	PALE	23	1930	1931	1948	S14	W23	4121	03	22.1	18	SF		3	C		26		F
		23	2148		2215	No Flare Patrol													
		23	2224		2239	No Flare Patrol													

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0287	LEAR	24	0052	0053	0127	S12	W29	4121	03	21.8	35	SF		3	C		108		F
0288	CATA	24	0840E	0840	0855	S11	W05	4120	03	24.0	15D	S		1	P	0840	84	.9	
0289	HOLL	24	1511	1511	1517	S13	E00	4120	03	24.6	6	SF		3	C		20		
0290		24	17331	17342	1746	S08	W54	4116	03	20.7	13	SF					30		F
	PALE	24	1733	1734	1748	S08	W54	4116	03	20.7	15	SF		3	C		33		F
	RAMY	24	1734	1736	1745	S07	W53	4116	03	20.8	11	SF		3	C		26		
		24	2207		2232	No Flare Patrol													
0291	CULG	24	2327	2334	2342D	S17	E44	4123	03	28.3	15D	SF			P	2334	100	1.4	
		25	0221		0228	No Flare Patrol													
0292	YUNN	25	0247E	0247U	0252	S17	E88	4127	03	31.8	5D				P	0247			AG
0293		25	0302	0305	0318	S13	W40	4121	03	22.1	16	SN					48	.7	E
	CULG	25	0302	0305	0316	S13	W38	4121	03	22.2	14	SN			C	0305	50	.7	
	YUNN	25	0305E	0305U	0321	S13	W42	4121	03	21.9	16D	SN			P	0305	47	.7	E
0294	ABST	25	0554E	0557	0558D	N21	W43	4124	03	21.9	4D	SF			P	0557	87	1.4	E
0295	HTPR	25	1051	1058	1109	S15	W09	4120	03	24.8	18	SF			C	1058	30	.3	E
0296		25	1420	1432	1455	S09	E76	4125	03	31.3	35	SN	C 2.0				58		EF
	HTPR	25	1420	1432	1455	S07	E75	4125	03	31.2	35	SF	C 2.0		C	1432	50		E
	HOLL	25	1422E	1437U	1451D	S11	E76	4125	03	31.3	29D	SN	C 2.0	3	C		65		F
0297		25	1430	1436	1515	S11	W68	4116	03	20.5	45	SN					30	.7	
	HTPR	25	1430	1436	1515	S14	W68	4116	03	20.5	45	SF			C	1436	30	.7	
	HOLL	25	1434E	1436U	1451D	S08	W67	4116	03	20.6	17D	SN		3	C		30		
		25	1758		1802	No Flare Patrol													
		25	1813		1824	No Flare Patrol													
		25	1829		1835	No Flare Patrol													
		25	1843		1851	No Flare Patrol													
		25	2158		2224	No Flare Patrol													
0298	VORO	25	2318	2320	2327	N20	W58	4124	03	21.5	9	SF			C	2320	27	.6	DJ
0299		25	23345	23425	2400	N20	W52	4124	03	22.0	26	SN					28	.6	DFJ
	MANI	25	2334	2342	2403	N20	W55	4124	03	21.8	29	SN		1	V		30	.6	F
	VORO	25	2339	2343	2352	N20	W52	4124	03	22.0	13	SN			C	2343	36	.7	DJ
	LEAR	25	2339	2347	2404	N19	W50	4124	03	22.2	25	SN		3	C		19		
0300	LEAR	26	0127	0127	0138	N20	W56	4124	03	21.8	11	SF		3	C		17		
0301		26	0219	02192	0227	S14	W20	4120	03	24.6	8	SN					51	.9	FG
	YUNN	26	0218E	0219	0228	S13	W20	4120	03	24.6	10D	SN			P		79	.9	FG
	LEAR	26	0219	0221	0226	S14	W19	4120	03	24.7	.7	SF		3	C		23		
0302		26	02246	0231*	0332	N21	W59	4124	03	21.6	68	SN	C 1.2				45	1.7	DE
	YUNN	26	0224	0231	0301	N21	W61	4124	03	21.4	37	SN			C		16		D
	LEAR	26	0230	0242	0403	N20	W58	4124	03	21.7	93	SN	C 1.2	3	C		43		
	PEKG	26	0245E	0246	0248D	N22	W59	4124	03	21.6	3D	SF	C 1.2		C	0246	76	1.7	E
0303		26	05591	0609	0621	N22	W62	4124	03	21.5	22	1N					102		EJ
	YUNN	26	0559	0609	0621	N22	W64	4124	03	21.3	22	SN			C		47		
	ABST	26	0600	0609	0712D	N22	W60	4124	03	21.6	72D	1N			P	0609	157		EJ
0304		26	0717*	07326	0746	N21	W60	4124	03	21.7	29	1N					111		BEJ
	YUNN	26	0717	0734	0743	N21	W61	4124	03	21.6	26	1B			C		94		
	LEAR	26	0730	0732	0749	N20	W59	4124	03	21.8	19	SF		3	C		65		
	ABST	26	0738E	0738	0800D	N21	W61	4124	03	21.6	22D	1N			P	0738	175		BEJ
		26	0816		0850	No Flare Patrol													

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		26	0944		0949	No Flare Patrol														
0305	HTPR	26	0950E		1300	N17	W67	4124	03	21.3	190D	SF				C	1121	60	1.4	
0306		26	14553	14594	1540	N20	W64	4124	03	21.7	45	SF						16		
	HOLL	26	1455	1503	1541	N21	W64	4124	03	21.7	46	SF			3	C		17		
	RAMY	26	1458	1459	1538	N20	W63	4124	03	21.8	40	SF			3	C		16		
0307		26	1551	1646	1731	N20	W64	4124	03	21.8	100	SN	C	1.4				51		H
	HOLL	26	1543E	1648U	1805	N20	W65	4124	03	21.7	142D	SN	C	1.4	3	C		54		H
	RAMY	26	1551	1646	1657	N20	W64	4124	03	21.8	66	SF	C	1.4	3	C		48		
0308	RAMY	26	1705	1716	1725	N20	W63	4124	03	21.9	20	SF			3	C		31		
0309		26	1728*	1747	1754	N20	W66	4124	03	21.7	26	SN						20		
	RAMY	26	1728	1747	1757	N20	W63	4124	03	21.9	29	SN			3	C		26		
	PALE	26	1743	1747	1752	N20	W68	4124	03	21.5	9	SN			3	C		13		
0310	PALE	26	1814	1816	1820	N19	W69	4124	03	21.5	6	SN			3	C				
0311	PALE	26	1851	1856	1904	N19	W69	4124	03	21.5	13	SF			3	C				
0312		26	1913	19182	1925	N20	W66	4124	03	21.7	12	SN						39		
	PALE	26	1913	1918	1925	N19	W68	4124	03	21.6	12	SN			3	C		32		
	RAMY	26	1913	1920	1925	N21	W65	4124	03	21.8	12	SN			3	C		46		
0313		26	20514	21027	2110	N21	W66	4124	03	21.8	19	SN						14		
	HOLL	26	2051	2109	2115	N22	W70	4124	03	21.5	24	SN			3	C		12		
	RAMY	26	2055	2102	2106	N20	W63	4124	03	22.0	11	SF			3	C		17		
0314	KANZ	27	0745	0746	0758	S17	E67	4127	04	1.4	13	SF			1					
0315	KANZ	27	1037		1037D	S11	W71	4121	03	22.1	13D	SN			1					
		27	1038		1103	No Flare Patrol														
0316	KANZ	27	1238		1330D	S12	W73	4121	03	22.0	52D	SF			1					
0317		27	1841	19082	1930	S16	E32	4128	03	30.2	49	SN	C	1.2				124		FU
	HOLL	27	1841	1908	1938	S17	E32	4128	03	30.2	57	SN	C	1.2	3	C		139		F
	PALE	27	1859E	1910	1923	S15	E33	4128	03	30.3	24D	SF	C	1.2	4	C		110		U
0318	YUNN	28	0058	0111	0121	S02	E90		04	3.8	23					C				AG
0319		28	0753	0754*	0835	S16	E24	4128	03	30.1	42	1N	C	1.2				194	2.2	EF
	YUNN	28	0752E	0754	0837	S15	E25	4128	03	30.2	45D	1N				P		204	2.3	F
	PEKG	28	0753	0825	0838	S17	E23	4128	03	30.1	45	SF				C	0825	84	.9	E
	ABST	28	0754E	0756	0801D	S16	E24	4128	03	30.1	7D	1N	C	1.2		P	0756	279	3.2	F
	CATA	28	0805E	0805	0840	S16	E24	4128	03	30.1	35D	1	C	1.2	1	P	0805	309	3.5	
	ATHN	28	0807E	0815	0825	S15	E25	4128	03	30.2	18D	SN			3	V	0815	95	1.2	
0320		28	1017	1026	1041	S16	E27	4128	03	30.5	24	SN								E
	KHAR	28	1015E		1022D	S15	E29	4128	03	30.6	7D	SN				P				E
	KANZ	28	1017	1026	1041	S16	E25	4128	03	30.3	24	SN			3					
0321	KAND	28	1217	1222	1233	S16	E23	4128	03	30.2	16	SN				C		52	.6	E
		28	1401		2041	No Flare Patrol														
		28	2055		2103	No Flare Patrol														
0322		29	01123	01221	0142	S14	E17	4128	03	30.3	30	SF						104	1.0	E
	CULG	29	0112	0122	0134	S14	E17	4128	03	30.3	22	SF				C	0122	120	1.2	
	PEKG	29	0115	0123	0150	S13	E17	4128	03	30.3	35	SF				C	0123	88	.9	E
0323		29	01142	01184	0130	S16	E24	4125	03	30.9	16	1F						190	2.0	EJ
	VORO	29	0114	0122	0132	S15	E22	4125	03	30.7	18	1F				C	0122	349	3.6	EJ
	CULG	29	0116	0118	0128	S16	E26	4125	03	31.0	12	SF				C	0118	30	.3	

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0324	YUNN	29	0852E	0852U	0900	S16	E39	4127	04	1.3	8D	SF			P	0852	31	.4	
0325	HTPR	29	1550E		1601	S19	E11	4132	03	30.5	11D	SF			C	1556	20	.2	
0326	HOLL	29	2033	2040	2059	S17	E05	4128	03	30.2	26	SN		3	C		53		F
0327		30	00306	00373	0054	S16	E31	4127	04	1.4	24	1N					191	2.6	EFJ
	HOLL	30	0030	0036U	0052	S17	E31	4127	04	1.4	22	SN		2	C		101		F
	CULG	30	0032	0040	0050	S15	E30	4127	04	1.3	18	SN			P	0040	120	1.4	F
	YUNN	30	0033	0037	0058	S16	E31	4127	04	1.4	25	1N			C		220	2.7	F
	VORO	30	0036	0040	0055	S17	E31	4127	04	1.4	19	1F			C	0040	323	3.8	EJ
0328	YUNN	30	0420	0425	0438	S18	E31	4127	04	1.5	18	SF			C		63	.8	
0329	ABST	30	0507	0511	0521	S20	E32	4129	04	1.7	14	SF			C	0511	87	1.1	DK
0330	ABST	30	0711	0712	0720	S20	E32	4129	04	1.7	9	1F			C	0712	218	2.6	EV
0331	LEAR	30	0847	0848	0852	S18	E27	4127	04	1.4	5	SF		3	C		24		
0332	HTPR	30	0901	0904	0912	S19	E28	4127	04	1.5	11	SF			C	0904	20	.2	
0333	HTPR	30	0917	0920	0940	S18	E28	4127	04	1.5	23	SF			C	0920	30	.3	
0334		30	10028	1008*	1122	S18	E27	4127	04	1.5	80	SF					41	.4	E
	KAND	30	1002	1008	1015	S19	E28	4127	04	1.5	13	SF			C		42	.5	E
	HTPR	30	1010	1130	1230	S18	E26	4127	04	1.4	140	SF			C	1130	40	.4	E
0335	HTPR	30	1335	1345	1420	S12	E20	4127	04	1.1	45	SF			C	1345	60	.6	E
0336	HTPR	30	1443		1531D	S18	E26	4127	04	1.6	48D	SF			C	1520	40	.4	E
		30	1635		1659	No Flare Patrol													
0337		31	03231	0324	0328	S18	E20	4127	04	1.7	5	SN					20	.3	
	CULG	31	0323	0324	0328	S17	E19	4127	04	1.6	5	SN			C	0324	20	.3	
	PALE	31	0324	0324	0327	S18	E20	4127	04	1.7	3	SF		3	C		20		
		31	1039		1105	No Flare Patrol													
		31	1122		1309	No Flare Patrol													
		31	2206		2210	No Flare Patrol													
		31	2238		2326	No Flare Patrol													

"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.