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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
0001	LEAR	01	0054	0055	0058	S15	W14	4162	04	30.0	4	SF		3	C		23		
0002		01	0118	0118*	0140	S10	E57	4165	05	5.3	22	SF					31		K
	LEAR	01	0118	0118	0140	S10	E57	4165	05	5.3	22	SF		3	C		24		K
	LEAR	01	0118	0128	0140	S10	E57	4165	05	5.3	22	SF		3	C		38		K
0003	LEAR	01	0157	0157	0203	S15	W19	4162	04	29.7	6	SF		3	C		47		
0004		01	0218*	02575	0325	S12	E52	4165	05	5.0	67	1B	C 8.7				279	4.2	FU
	LEAR	01	0218	0257	0342	S11	E52	4165	05	5.0	84	1B	C 8.7	3	C		355		F
	PURP	01	0257E	0258	0315	S12	E53	4165	05	5.1	18D	1B			C	0258	179	3.1	
	MANI	01	0258	0258	0318	S11	E52	4165	05	5.0	20	2B		1	V		350	5.7	F
	PEKG	01	0258	0302	0315D	S12	E53	4165	05	5.1	17D	1N	C 8.7		P	0302	231	3.9	U
0005	LEAR	01	0300	0301	0307	S11	W05	4164A	04	30.7	7	SF		3	C		34		
0006	LEAR	01	0326	0329	0344	S14	W33	4154	04	28.7	18	SF		3	C		32		
0007	LEAR	01	0354	0404	0422	S10	E56	4165	05	5.4	28	SF	C 1.3	3	C		59		
0008	LEAR	01	0457	0458	0505	S14	W21	4162	04	29.7	8	SF		3	C		26		
0009		01	0600*	0601*	0628	S11	E50	4165	05	5.0	28	SN	C 1.4				41	1.1	EU
	LEAR	01	0600	0601	0605	S11	E50	4165	05	5.0	5	SN	C 1.4	3	C		34		U
	LEAR	01	0611	0614	0619	S11	E50	4165	05	5.0	8	SN	C 1.1	3	C		25		
	PEKG	01	0617	0626	0638	S11	E51	4165	05	5.1	21	SN			P	0626	67	1.1	E
	LEAR	01	0621	0629	0649	S11	E50	4165	05	5.0	28	SN	C 1.4	3	C		37		U
0010		01	07123	0720*	0820	S13	W33	4154	04	28.9	68	1N	C 4.7				216	2.4	EF
	LEAR	01	0712	0720	0824	S14	W33	4154	04	28.9	72	1N	C 4.7	3	C		289		F
	ATHN	01	0714	0721	0831	S12	W31	4154	04	29.1	77	1N		3	V	0721	223	2.7	
	PEKG	01	0715	0722	0759	S12	W34	4154	04	28.8	44	SN	C 4.7		P	0722	80	1.0	E
	MANI	01	0716E	0720	0827	S15	W34	4154	04	28.8	71D	1N		1	V		270	3.5	F
	KANZ	01	0740E	0740	0811D	S13	W34	4154	04	28.8	31D	SN		1					
0011		01	09082	09102	0936	S10	E54	4165	05	5.4	28	1N	C 2.5				113	1.5	D
	LEAR	01	0908	0910	0916D	S09	E53	4165	05	5.3	8D	1F	C 2.5	3	C		180		
	KAND	01	0908	0910	0918D	S11	E54	4165	05	5.4	10D	SB			C		21	.4	D
	MANI	01	0908	0910	0936D	S10	E53	4165	05	5.4	28D	1N		1	V		157	2.6	
	ATHN	01	0910	0912	0936	S11	E55	4165	05	5.5	26	SF		3	V	0913	95	1.6	
		01	0937		1239	No Flare Patrol													
		01	1304		1708	No Flare Patrol													
0012	ATHN	01	1316	1325	1351	S10	E50	4165	05	5.3	35	SB		3	V	1325	111	1.7	
0013	HOLL	01	1709E	1725	1745D	S09	E44	4165	05	5.0	36D	SF		3	C		106		
0014	HOLL	01	1715	1718	1736	S13	W28	4162	04	29.7	21	SN	C 1.0	3	C		54		F
		01	1746		1843	No Flare Patrol													
0015	PALE	01	1845E	1845U	1921D	S07	E49	4165	05	5.4	36D	1B	C 5.8	3	C		400		EZ
		01	1852		1908	No Flare Patrol													
		01	1922		1924	No Flare Patrol													
0016	HOLL	01	1937	1959	2036	S15	W37	4156	04	29.1	59	SF		2	C		162		F
0017	HOLL	01	2045	2053	2054D	S16	W38	4156	04	29.1	9D	1N	C 7.4	2	C		312		F
0018	HOLL	01	2058E	2111U	2207D	S27	W26		04	29.9	69D	SF		2	C		64		F
		01	2119		2149	No Flare Patrol													
0019		01	2314E	2321*	2439	S16	W37	4156	04	29.3	85D	2N	M 2.9				409	5.1	FU
	PEKG	01	2314E	2321	2400D	S16	W38	4156	04	29.2	46D	2N	M 2.9		P	2321	463	6.1	U
	MANI	01	2328E	2328	2406	S17	W38	4156	04	29.2	38D	1N		1	V		310	4.2	F
	LEAR	01	2336E	2342U	2512	S17	W34	4156	04	29.5	96D	2N	M 2.9	2	C		493		UF
	MITK	01	2349E	2529		S15	W38	4156	04	29.2	D	1N			C	2351	370	5.0	U

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0020	LEAR	02	0159	0203	0224	S11	E36	4165	05	4.8	25	SF		3	C		69		F
0021	LEAR	02	0333	0335	0341	S09	E44	4165	05	5.4	8	SF		3	C		26		
0022	LEAR	02	0350	0356	0409	S09	E44	4165	05	5.5	19	SN	C 1.3	3	C		48		
0023	ABST	02	0443	0448	0500	N19	W55	4160	04	28.1	17	SF			C	0448	87	1.6	D
0024	ABST	02	0446	0448	0452	S04	W33	4157	04	29.8	6	SN			C	0448	87	1.0	DK
0025	LEAR	02	0512	0513	0516	S11	E39	4165	05	5.1	4	SF		3	C		35		
0026	LEAR	02	0553	0556	0610	N18	W53	4160	04	28.3	17	SF	C 1.8	3	C		21		F
0027		02	0636	0652	0715	S11	E32	4165	05	4.7	39	SF					20		
	LEAR	02	0636	0652	0725	S11	E32	4165	05	4.7	49	SF		3	C		20		
	KANZ	02	0650E	0652	0705	S11	E32	4165	05	4.7	15D	SF		2					
0028		02	07471	08002	0815	S10	E41	4165	05	5.4	28	SF	C 1.1				53		
	KANZ	02	0747	0802	0817	S10	E40	4165	05	5.3	30	SF		2					
	LEAR	02	0748	0800	0813	S09	E42	4165	05	5.5	25	SF	C 1.1	3	C		53		
0029		02	0832*	0852*	0936D	S04	W33	4157	04	30.0	64D	SN					43		
	KANZ	02	0832	0852	0936D	S04	W33	4157	04	30.0	64D	SN		2					
	LEAR	02	0845	0913	0913D	S03	W33	4157	04	30.0	28D	SF		3	C		43		
0030		02	08361	08393	0854	N18	W54	4160	04	28.3	18	SN					29		
	LEAR	02	0836	0839	0845	N18	W54	4160	04	28.3	9	SF		3	C		29		
	KANZ	02	0837	0842	0902	N18	W55	4160	04	28.3	25	SN		2					
0031		02	10166	10301	1031D	S09	E40	4165	05	5.4	15D	SN					70		
	KANZ	02	1016	1031	1031D	S09	E40	4165	05	5.4	15D	SN		3					
	MONT	02	1022	1030	1030D	S09	E41	4165	05	5.5	8D	SN			C	1030	70		
0032		02	1323*	1328*	1402	S03	W34	4157	04	30.0	39	SF	C 1.8				44		F
	HOLL	02	1323	1328	1349	S02	W34	4157	04	30.0	26	SF		3	C		62		F
	HOLL	02	1350	1355	1400	S04	W31	4157	04	30.2	10	SF		3	C		50		
	HOLL	02	1407	1407	1417	S03	W36	4157	04	30.0	10	SF	C 1.8	3	C		20		F
0033	HOLL	02	1351	1355	1404	S11	E34	4165	05	5.1	13	SF		3	C		33		F
0034	HOLL	02	1422	1430	1444	S03	W36	4157	04	30.0	22	SF	C 1.9	3	C		58		
		02	1444		1602	No Flare Patrol													
0035	HOLL	02	1603E	1628U	1702	S03	W37	4157	04	30.0	59D	SF		3	C		71		F
0036		02	1715*	1728	1731	S04	W38	4157	04	30.0	16	SN	C 1.9				64		F
	HOLL	02	1715	1728	1748D	S03	W37	4157	04	30.0	33D	SN	C 1.9	3	C		99		F
	PALE	02	1727	1728	1731	S04	W39	4157	04	29.9	4	SF	C 1.9	3	C		28		
		02	1801		1810	No Flare Patrol													
		02	1822		1827	No Flare Patrol													
		02	1855		1933	No Flare Patrol													
0037	HOLL	02	2013	2025	2025D	S02	W41	4157	04	29.9	12D	SB	C 3.3	3	C		171		
		02	2041		2054	No Flare Patrol													
		02	2119		2128	No Flare Patrol													
		02	2140		2159	No Flare Patrol													
0038	VORO	02	2244E		2252	S10	W63	4154	04	28.3	8D	1F			C	2245	161		BDHJ
0039		03	00114	00134	0038	S20	W52	4156	04	29.1	27	SN	C 4.5				116	2.4	EFJ
	CULG	03	0011	0013	0030	S21	W50	4156	04	29.3	19	SN			P	0013	60	.9	F
	VORO	03	0011	0013	0034	S21	W52	4156	04	29.1	23	1N			C	0013	170	3.3	EJ
	LEAR	03	0012	0014	0037	S20	W51	4156	04	29.2	25	SN	C 4.5	3	C		76		F
	HOLL	03	0012	0014	0038	S18	W53	4156	04	29.1	26	SN	C 4.5	2	C		69		F
	PEKG	03	0015E	0015	0045	S19	W52	4156	04	29.1	30D	SN	C 4.5		P	0015	118	2.0	E
	MANI	03	0015	0017	0042	S19	W52	4156	04	29.1	27	1B		1	V		200	3.4	F

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0040	MANI	03	0013	0013	0035	S03	W42	4157	04	30.0	22	SF		1	V		50	.7	
0041		03	0058*	01106	0137	S11	E30	4165	05	5.3	39	SF	C 2.0				168	2.3	DFJ
	MANI	03	0058	0110	0141	S11	E30	4165	05	5.3	43	SF		1	V		64	.8	F
	LEAR	03	0058	0116	0141	S11	E30	4165	05	5.3	43	SN	C 2.0	3	C		63		F
	VORO	03	0113	0116	0129	S11	E30	4165	05	5.3	16	1F			C	0116	376	3.8	DJ
0042		03	01021	0103*	0122	S03	W41	4157	04	30.0	20	SN					104	2.6	EFJ
	HOLL	03	0102	0104	0119	S03	W41	4157	04	30.0	17	SN		2	C		21		F
	VORO	03	0102	0119	0121	S03	W42	4157	04	30.0	19	1F			C	0109	349	4.8	EJ
	LEAR	03	0103	0103	0118	S03	W40	4157	04	30.0	15	SN		3	C		27		
	MANI	03	0103	0116	0132	S03	W41	4157	04	30.0	29	SF		1	V		20	.3	F
0043	LEAR	03	0356	0400	0410	S11	E29	4165	05	5.3	14	SF		3	C		93		
0044	LEAR	03	0402	0406	0417	S03	W43	4157	04	30.0	15	SF	C 1.3	3	C		42		
0045		03	04312	04321	0442	S02	W44	4157	04	30.0	11	SN	C 2.0				52	.7	FJ
	CULG	03	0431	0432	0439	S03	W43	4157	04	30.0	8	SN			C	0432	50	.7	JF
	LEAR	03	0433	0433	0446	S02	W45	4157	04	29.9	13	SF	C 2.0	3	C		53		
0046	LEAR	03	0536	0539	0548	S11	E28	4165	05	5.3	12	SF		3	C		21		
0047	HTPR	03	0633	0636	0645	S11	E28	4165	05	5.4	12	SF			C	0636	60	.7	
0048		03	0705*	0712*	0738	S04	W46	4157	04	29.9	33	SN					30	.4	E
	HTPR	03	0705	0712	0740	S05	W45	4157	04	30.0	35	SF			C	0712	30	.4	E
	KANZ	03	0720	0726	0736	S03	W46	4157	04	30.0	16	SN		2					
0049	KANZ	03	0746	0756	0816	S03	W45	4157	04	30.0	30	SN		2					
0050		03	08066	0817*	0857	S10	E28	4165	05	5.4	51	SN					92	1.0	E
	KANZ	03	0806	0826	0856	S10	E27	4165	05	5.4	50	SN		3					
	HTPR	03	0812	0817	0858	S11	E28	4165	05	5.4	46	SF			C	0817	100	1.1	E
	CATA	03	0840E	0840	0840D	S08	E28	4165	05	5.5	46D	S			P	0840	84	1.0	
0051	HTPR	03	0947	0950	0954	S05	W50	4157	04	29.8	7	SF			C	0950	20	.3	
0052		03	1110	1113	1136	S12	E27	4165	05	5.5	26	SN					40	.4	E
	HTPR	03	1110		1146D	S11	E28	4165	05	5.6	36D	SN			C	1130	60	.7	E
	KAND	03	1110	1113	1136	S12	E26	4165	05	5.4	26	SF			C		21	.2	E
0053	HTPR	03	1225		1309D	S04	W67		04	28.6	44D	SF			C	1241	20	.4	E
0054		03	13011	1304	1312	S10	E27	4165	05	5.6	11	SN					32	.4	E
	KAND	03	1301	1304	1312	S09	E27	4165	05	5.6	11	SF			C		33	.4	E
	HTPR	03	1302		1309D	S11	E27	4165	05	5.6	7D	SN			C	1309	30	.3	
0055	HTPR	03	1439	1444	1456	S07	E16	4165	05	4.8	17	SF			C	1444	10	.1	
0056	HOLL	03	2049	2051	2111	S03	W51	4157	04	30.0	22	SF	C 1.0	3	C		21		F
0057		04	0521	0536	0616	S03	W57	4157	04	30.0	55	SF	C 2.1				52	1.1	E
	LEAR	04	0521	0536	0605	S02	W55	4157	04	30.1	44	SF	C 2.1	3	C		45		
	HTPR	04	0549E		0613	S02	W58	4157	04	30.0	24D	SF			C	0557	80	1.6	E
	HTPR	04	0549E		0630	S04	W58	4157	04	30.0	41D	SF			C	0611	30	.6	E
0058	HTPR	04	0549E		0616	S16	E66	4169	05	9.2	27D	SF			C	0557	20	.4	
0059	HTPR	04	0549E		0620	S10	E10	4165	05	5.0	31D	SF			C	0555	60	.6	EI
0060	HTPR	04	0619	0623	0726	S13	E66	4169	05	9.2	67	SF			C	0623	20	.4	
0061	HTPR	04	0814	0815	0824	S11	E11	4165	05	5.2	10	SN			C	0815	30	.3	E
0062	HTPR	04	0930E		0955	N14	E01	4167	05	4.5	25D	SF			C	0935	30	.3	E
0063	HTPR	04	1121E		1125D	S16	W72	4156	04	29.1	4D	SF			C	1121	20		

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0064	HTPR	04	1133E		1137D	N14	W01	4167	05	4.4	4D	SF			C	1134	20	.2	
0065	HTPR	04	1205E		1209	S07	E04	4165	05	4.8	4D	SF			C	1207	20	.2	
0066	ATHN	04	1230E	1235	1241	S10	E15	4165	05	5.6	11D	SN		4	V	1235	95	1.0	
0067	ATHN	04	1233E	1237	1245	S11	E03	4165	05	4.7	12D	SN		4	V	1237	80	.8	
0068	HTPR	04	1340		1533D	S15	E30	4168	05	6.8	113D	SN			C	1450	100	1.1	E
0069	HTPR	04	1451		1533D	N14	W01	4167	05	4.5	42D	SF			C	1504	40	.4	E
		04	1523		1527	No Flare Patrol													
		04	1534		1555	No Flare Patrol													
		04	1603		1737	No Flare Patrol													
		04	1751		1950	No Flare Patrol													
		04	2029		2110	No Flare Patrol													
0070		05	00023	0005*	0100	S02	W68	4157	04	30.0	58	SN	C 4.2				114	.5	DEFJK
	VORO	05	0002	0020	0054	S03	W71	4157	04	29.8	52	1F			C	0020	349		DJK
	CULG	05	0003	0005	0012	S03	W66	4157	04	30.1	9	SN			C	0005	20	.5	
	HOLL	05	0004	0005	0112	N01	W69	4157	04	29.9	68	SB		3	C		52		FEK
	PALE	05	0004E	0008U	0101D	S04	W68	4157	04	30.0	57D	SN	C 4.2	3	C		74		K
	PALE	05	0004E	0020	0101D	S04	W68	4157	04	30.0	57D	SN	C 8.2	3	C		86		K
	HOLL	05	0004	0020	0112	N01	W69	4157	04	29.9	68	1N		3	C		112		K
	LEAR	05	0005	0006	0114	S03	W67	4157	04	30.0	69	SB	C 4.2	3	C		64		FEK
	LEAR	05	0005	0021	0114	S03	W67	4157	04	30.0	69	1B	C 8.2	3	C		153		K
0071	LEAR	05	0129	0130	0149	S11	E01	4165	05	5.1	20	SF		3	C		37		
0072	LEAR	05	0158	0200	0203	S14	E21	4168	05	6.7	5	SF		3	C		30		
0073	LEAR	05	0324	0338	0404	S02	W70	4157	04	30.0	40	SN	C 3.9	3	C		64		F
0074		05	06001	06013	0612	S03	W70	4157	04	30.0	12	1N	C 2.0				202	2.7	E
	LEAR	05	0600	0601	0614	S03	W71	4157	04	30.0	14	1N	C 2.0	3	C		141		
	TACH	05	0601		0610	S04	W70	4157	04	30.0	9	1N			C	0603	371		E
	ATHN	05	0601	0604	0613	S03	W69	4157	04	30.1	12	1N		2	V	0604	95	2.7	
0075	KANZ	05	0649	0657	0657D	S17	W81	4156	04	29.2	8D	SN		1					
0076		05	0710*	0712*	0726	S02	W70	4157	04	30.1	16	SF	C 1.9				28		
	HTPR	05	0710		0715D	S01	W73	4157	04	29.9	5D	SF			C	0712	30		
	LEAR	05	0711	0712	0719	S01	W73	4157	04	29.9	8	SN	C 1.9	3	C				
	KANZ	05	0712	0712	0722	S04	W61	4157	04	30.7	10	SF		1					
	LEAR	05	0722	0724	0736	S02	W71	4157	04	30.0	14	SF		3	C		25		
0077	KANZ	05	0726	0734	0739	S16	W80	4156	04	29.3	13	SN		1					
0078	YUNN	05	0809	0811	0814D	S25	E88	4171	05	12.1	5D	1N			P		94		A
0079	KANZ	05	1113	1118	1118D	S16	W80	4156	04	29.5	5D	SN		1					
0080	RAMY	05	1144	1151	1208	S14	E16	4168	05	6.7	24	SF	C 1.8	3	C		38		
0081	HTPR	05	1414	1424	1430	S17	E90	4172	05	12.4	16	SN			C	1424	30		
0082	HOLL	05	1431	1432	1442	S01	W77	4157	04	29.9	11	SN	C 2.2	3	C		26		
0083	HOLL	05	1916	1917	1923	N00	W80	4157	04	29.9	7	SN		3	C		20		
0084	HOLL	05	1919	1919	1922	S10	W09	4165	05	5.1	3	SF		3	C		40		
0085	HOLL	05	2139	2141	2152	S09	W09	4165	05	5.2	13	SF		3	C		58		F
0086	PALE	05	2256	2257	2305	S28	E89	4171	05	12.9	9	SN	C 4.3	3	C		33		
0087		06	0002	2346*	0030	S10	W12	4165	05	5.1	28	SF					62	.6	F
	CULG	05	2346E	2346	2406	S11	W12	4165	05	5.1	20D	SF			P	2346	60	.6	F
	LEAR	06	0002	0008	0053	S10	W12	4165	05	5.1	51	SF		3	C		65		

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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
0088	MANI	06	0242E	0245	0251	S25	E88	4171	05	12.9	9D	SN		1	V				
0089	CULG	06	0331	0336	0339	S08	W17	4165	05	4.9	8	SF			C	0336	40	.4	
0090		06	04021	04033	0413	S08	W19	4165	05	4.7	11	SN					60	.7	EFKV
	CULG	06	0402	0403	0406	S08	W18	4165	05	4.8	4	SN			C	0403	30	.4	F
	PEKG	06	0402	0405	0409	S07	W19	4165	05	4.7	7	SN			C	0405	63	.7	E
	PURP	06	0403	0404	0411	S09	W19	4165	05	4.7	8	SN			C	0404	28	.3	E
	ABST	06	0403	0404	0418	S08	W20	4165	05	4.7	15	SN			C	0404	131	1.4	EKV
	LEAR	06	0403	0406	0422	S08	W18	4165	05	4.8	19	SN		3	C		47		
0091	ABST	06	0543	0545	0550	S10	W20	4170	05	4.7	7	SN			C	0545	131	1.4	E
0092		06	06033	06104	0624	S10	W20	4165	05	4.7	21	SN					64	.7	EF
	LEAR	06	0603	0610	0624	S10	W20	4165	05	4.7	21	SN		3	C		52		F
	MANI	06	0603	0613	0625	S10	W19	4165	05	4.8	22	SN		1	V		45	.5	
	ATHN	06	0605	0614	0625	S09	W19	4165	05	4.8	20	SN		3	V	0614	32	.4	
	ABST	06	0606	0610	0626	S11	W20	4165	05	4.7	20	SN			C	0610	131	1.4	E
	PEKG	06	0612E	0612E	0625	S10	W21	4165	05	4.7	13D	SN			P	0612	46	.5	E
	YUNN	06	0615E	0615U	0616	S11	W20	4165	05	4.7	1D	SF			P	0615	79	.9	
0093		06	0750	0750	0803	S10	W20	4165	05	4.8	13	SF					32	.4	EF
	LEAR	06	0750	0750	0803	S10	W21	4165	05	4.7	13	SF		3	C		25		F
	HTPR	06	0859E		0938D	S10	W20	4165	05	4.9	39D	SF			C	0930	40	.4	E
0094	HTPR	06	0859E		0906	S15	E05	4168	05	6.7	7D	SF			C	0902	10	.1	
0095	HTPR	06	1026	1031	1037	S15	E04	4168	05	6.7	11	SN			C	1031	30	.3	
0096	RAMY	06	1055	1103	1121	S11	W21	4165	05	4.9	26	SN	C 1.8	3	C		62		
0097	KANZ	06	1233	1233	1238	S10	W22	4170	05	4.9	5	SF		2					
0098	HOLL	06	1353	1412	1448	S10	W26	4165	05	4.6	55	SF		3	C		81		H
0099		06	1528	1533	1558	S10	W23	4165	05	4.9	30	SN					65		F
	HOLL	06	1528	1533	1556	S09	W23	4165	05	4.9	28	SN		3	C		73		F
	RAMY	06	1528	1533	1601	S10	W22	4165	05	5.0	33	SN		3	C		57		
	KANZ	06	1541E		1542D	S10	W23	4165	05	4.9	1D	SN		1					
0100		06	16072	16112	1625	S10	W20	4165	05	5.2	18	SF					48		F
	RAMY	06	1607	1613	1632	S10	W21	4165	05	5.1	25	SF		3	C		74		
	HOLL	06	1609	1611	1618	S10	W20	4165	05	5.2	9	SF		3	C		22		F
		06	2010		2014	No Flare Patrol													
		06	2038		2040	No Flare Patrol													
		06	2113		2116	No Flare Patrol													
0101	PALE	06	2216	2217	2250D	S15	W03	4168	05	6.7	34D	SF		3	C		27		
0102	CULG	06	2229	2230	2243	S11	W30	4170	05	4.7	14	SN			C	2230	30	.3	
0103	CULG	06	2337	2337U	2345D	S11	W30	4170	05	4.7	8D	SN			P	2337	40	.5	
0104	CULG	07	0118	0119	0123	S08	E81	4172	05	13.1	5	SF			C	0119	30		
0105		07	01293	01344	0155	S25	E75	4171	05	12.9	26	SF	C 1.8				52		
	PALE	07	0129	0134	0203	S26	E77	4171	05	13.0	34	SN	C 1.8	3	C		33		
	LEAR	07	0131	0138	0201	S27	E75	4171	05	12.9	30	SF	C 1.8	3	C				
	CULG	07	0132	0134	0141	S22	E74	4171	05	12.7	9	1F			C	0134	70		
0106	PALE	07	0251	0251	0300	S09	W27	4165	05	5.1	9	SF		3	C		27		
0107	LEAR	07	0310	0311	0323	S09	W29	4165	05	4.9	13	SF	C 1.0	3	C		36		
0108		07	03312	03332	0340	S10	W32	4165	05	4.7	9	SN					53	.6	D
	CULG	07	0331	0333	0342	S11	W32	4165	05	4.7	11	SN			C	0333	60	.7	
	LEAR	07	0333	0334	0339	S10	W32	4165	05	4.7	6	SN		3	C		50		
	PEKG	07	0333	0335	0339	S09	W33	4165	05	4.7	6	SF			C	0335	50	.6	D

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0109	ABST	07	0454	0455	0458	S08	W30	4165	05	4.9	4	SF			C	0455	87	1.0	DHV
0110	ABST	07	0530	0533	0545	N13	W41	4167	05	4.1	15	1N			C	0533	174	2.6	EK
0111	CATA	07	0615E	0615	0620	S35	E77	4171	05	13.4	5D	1			P	0615	56		
0112		07	07405	07407	0800	S29	E74	4171	05	13.1	20	SB	M 1.0				75		E
	CATA	07	0740	0740	0755	S29	E75	4171	05	13.2	15	1			C	0740	112		
	ISTA	07	0743		0759	S29	E75	4171	05	13.2	16	SB							
	LEAR	07	0743	0746	0811	S28	E72	4171	05	12.9	28	SB	M 1.0	3	C				
	PEKG	07	0745	0747	0755	S29	E73	4171	05	13.0	10	SN	M 1.0		C	0747	38		E
0113	CATA	07	1040	1045	1045D	S36	E74	4171	05	13.4	5D	1			P	1045	112		
		07	1046		1059	No Flare Patrol													
0114		07	1103	1129*	1227	S28	E71	4171	05	13.0	84	SN					30		K
	RAMY	07	1103	1129	1227	S28	E71	4171	05	13.0	84	SF		3	C		32		K
	RAMY	07	1103	1147	1227	S28	E71	4171	05	13.0	84	SN		3	C		28		K
		07	1133		1144	No Flare Patrol													
0115	HOLL	07	1449	1502	1510	S09	W37	4165	05	4.8	21	SF		3	C		30		
0116		07	1524*	1524*	1538	S29	E70	4171	05	13.1	14	SN	C 1.9				12		S
	HOLL	07	1524	1524	1532	S29	E71	4171	05	13.2	8	SN		3	C		14		S
	RAMY	07	1529	1534	1535	S28	E71	4171	05	13.2	6	SF		3	C		11		
	HOLL	07	1539	1541	1548	S29	E69	4171	05	13.1	9	SN	C 1.9	3	C		10		
0117	HOLL	07	1714	1716	1727	S29	E68	4171	05	13.0	13	SB	C 4.2	3	C		44		
0118	HOLL	07	1759	1759	1808	S09	W35	4165	05	5.1	9	SF		3	C		28		
0119		07	1905	19207	1930D	S29	E66	4171	05	13.0	25D	1B	C 8.0				101		FKZ
	HOLL	07	1905	1920	1930D	S29	E66	4171	05	13.0	25D	1B		3	C		94		K
	HOLL	07	1905	1927	1930D	S29	E66	4171	05	13.0	25D	1B	C 8.0	3	C		108		ZFK
0120	HOLL	07	2014	2022	2028	S29	E66	4171	05	13.0	14	SF	C 1.4	3	C		49		
0121		07	21034	2107	2114	N14	W48	4167	05	4.2	11	SF					40		
	PALE	07	2103	2107	2114	N14	W47	4167	05	4.3	11	SF		3	C		38		
	HOLL	07	2107	2107	2113	N15	W50	4167	05	4.1	6	SF		3	C		42		
0122	HOLL	07	2143	2148	2159	N13	W49	4167	05	4.2	16	SF		3	C		34		
0123		07	22071	22071	2224	S16	W24	4168	05	6.1	17	SN					28	.2	F
	CULG	07	2207	2207	2218	S17	W23	4168	05	6.2	11	SN			C	2207	20	.2	
	HOLL	07	2208	2208	2231	S15	W24	4168	05	6.1	23	SN		3	C		37		F
0124		07	2216*	2216*	2301	S29	E66	4171	05	13.1	45	2B	X 3.1				458	10.8	EFMZ
	MANI	07	2216	2216	2305	S30	E67	4171	05	13.2	49	2B		1	V		550	11.6	MZ
	HOLL	07	2216	2220	2300	S29	E68	4171	05	13.2	44	2B	X 3.1	3	C		546		Z
	CULG	07	2217	2222	2241	S27	E64	4171	05	12.9	24	2B			C	2222	420	10.0	
	PALE	07	2218	2220	2304	S31	E68	4171	05	13.3	46	2B	X 3.1	3	C		559		ZE
	MITK	07	2227E	2322		S26	E67	4171	05	13.1	D	3N			C	2227	650		Z
	HOLL	07	2310	2310	2317	S30	E63	4171	05	12.9	7	SN		3	C		25		F
0125	PALE	07	2258	2300	2309	N14	W48	4167	05	4.3	11	SF		3	C		17		
0126		07	2359*	24057	2443	S13	W27	4168	05	6.0	44	SN	C 1.9				98	1.1	EFHJ
	HOLL	07	2359	2405	2502	S12	W29	4168	05	5.8	63	SN		3	C		142		F
	LEAR	08	0002	0005	0054	S13	W25	4168	05	6.1	52	SF		3	C		90		FH
	MANI	08	0003	0005	0034	S13	W28	4168	05	5.9	31	SN		1	V		55	.6	F
	PALE	08	0003	0005	0045	S12	W26	4168	05	6.0	42	SF	C 1.9	3	C		43		F
	CULG	08	0005E	0005U	0005D	S14	W26	4168	05	6.0	42D	SN			P	0005	150	1.6	J
	PEKG	08	0010	0012	0022	S12	W28	4168	05	5.9	12	SF			C	0012	105	1.2	E
0127		08	0224*	0224*	0430	S30	E61	4171	05	12.9	126	2N	X 1.3				705	14.2	EFIKUZ
	LEAR	08	0224	0224	0913D	S31	E62	4171	05	13.0	409D	SF		3	C		60		K
	CULG	08	0224E	0228	0233	S27	E60	4171	05	12.8	9D	SF			P	0228	60	1.2	
	LEAR	08	0224	0317	0913D	S31	E62	4171	05	13.0	409D	3B	X 1.3	3	C		851		ZUK
	PEKG	08	0225	0226	0231	S30	E62	4171	05	13.0	6	SF			C	0226	126		F
	CULG	08	0248	0316U	0535	S28	E60	4171	05	12.8	167	3B			P	0316	570	12.5	UIE
	MANI	08	0250	0300	0513	S30	E62	4171	05	13.0	143	2B		1	V		455	9.4	FU
	MANI	08	0250	0308	0513	S30	E62	4171	05	13.0	143	3B		1	V		730	15.1	FU
	PALE	08	0255	0303	0403D	S31	E59	4171	05	12.8	68D	2B		3	C		755		K
	YUNN	08	0255	0324	0416D	S30	E62	4171	05	13.0	81D	4B			P		1383	32.8	U
	PALE	08	0255	0325	0403D	S31	E59	4171	05	12.8	68D	3B		3	C		887		ZUK
	PEKG	08	0257	0305	0448	S31	E61	4171	05	12.9	111	2N			C	0305	223	5.2	FKU
	PEKG	08	0257	0315	0448	S30	E60	4171	05	12.8	111	2B			C	0315	463	10.8	FU
	PURP	08	0303	0327	0631D	S30	E62	4171	05	13.0	208D	3N			C	0327	703	16.7	
	KODA	08	0322E	0323	0348D	S30	E60	4171	05	12.8	26D	4B			P	0333	2958	30.5	U
	MITK	08	0355E	0425	0518	S30	E58	4171	05	12.7	83D	2N			C	0425	360	7.8	E

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0128		08	02452	02501	0302	S17	E18	4173	05	9.5	17	SN					56	.7	
	CULG	08	0245	0251	0301	S17	E17	4173	05	9.4	16	SN			C	0251	70	.7	
	LEAR	08	0247	0250	0302	S17	E18	4173	05	9.5	15	SF		3	C		42		
0129	YUNN	08	0248E	0248U	0251	N15	W50	4167	05	4.3	3D	SN			P	0248	94	1.6	
0130	LEAR	08	0505	0508	0513	S11	E15	4173	05	9.3	8	SF		3	C		29		
0131		08	0629*	06489	0702	N13	W54	4167	05	4.2	33	SF					22		
	LEAR	08	0629	0648	0653	N12	W53	4167	05	4.3	24	SF		3	C		19		
	LEAR	08	0656	0657	0711	N14	W54	4167	05	4.2	15	SF		3	C		26		
0132	LEAR	08	0724	0727	0739	S09	E64	4172	05	13.1	15	SF		3	C		35		
0133	CATA	08	0725E	0725	0725D	S32	E55	4171	05	12.7	15D	2			P	0725	337	6.7	
0134	ATHN	08	1143E	1148	1152	S30	E63	4171	05	13.4	9D	1B		3	V	1148	127	2.8	
0135	HOLL	08	1453	1456	1517	N16	W56	4167	05	4.4	24	SN		3	C		19		
0136	HOLL	08	1735	1737	1742	S11	E59	4172	05	13.2	7	SF		3	C		29		
0137	HOLL	08	1900	1901	1905	N13	W58	4167	05	4.4	5	SF		3	C		17		
0138		08	19139	19212	1930	S28	E54	4171	05	13.0	17	SN	C 2.1				31		
	HOLL	08	1913	1921	1933	S28	E54	4171	05	13.0	20	SN	C 2.1	3	C		39		
	PALE	08	1922	1923	1927	S29	E55	4171	05	13.1	5	SF	C 2.1	3	C		23		
0139		08	19511	19522	2002	S30	E54	4171	05	13.1	11	SN	C 1.9				86		F
	HOLL	08	1951	1952	2003	S29	E53	4171	05	13.0	12	SN	C 1.9	3	C		65		F
	PALE	08	1952	1954	2000	S30	E54	4171	05	13.1	8	SN	C 1.9	3	C		107		
0140	PALE	08	1959	2010	2028	S11	E55	4172	05	13.0	29	SF		3	C		44		
0141		08	2227	22306	2247	S08	W55	4165	05	4.8	20	SF	C 1.2				22		K
	PALE	08	2227	2230	2247	S08	W55	4165	05	4.8	20	SF		3	C		18		K
	PALE	08	2227	2236	2247	S08	W55	4165	05	4.8	20	SF	C 1.2	3	C		25		K
0142		08	2300	23003	2309	S10	E54	4172	05	13.0	9	SF					22	.3	
	MANI	08	2300	2300	2312	S10	E54	4172	05	13.0	12	SF		1	V		20	.3	
	PALE	08	2300	2303	2306	S10	E54	4172	05	13.0	6	SF		3	C		24		
0143		08	23131	23141	2324	N14	W62	4167	05	4.3	11	SF					45	.9	
	HOLL	08	2313	2314	2324	N17	W61	4167	05	4.3	11	SF		3	C		40		
	MANI	08	2314	2314	2324	N13	W62	4167	05	4.3	10	SF		1	V		45	.9	
	PALE	08	2314	2315	2324	N13	W62	4167	05	4.3	10	SF		3	C		50		
0144	PALE	08	2315	2316	2325	S09	W55	4165	05	4.8	10	SF		3	C		51		
0145		08	2340*	24031	2415	S11	E54	4172	05	13.0	35	SF					77	.7	
	LEAR	08	2340	2403	2429	S10	E55	4172	05	13.1	49	SF		3	C		150		
	PALE	09	0003	0003	0008	S12	E53	4172	05	13.0	5	SF		3	C		42		
	MANI	09	0004	0004	0008	S12	E53	4172	05	13.0	4	SF		1	V		40	.7	
0146		08	2340*	24162	2428	S28	E51	4171	05	13.0	48	SN	C 1.3				104	1.8	F
	LEAR	08	2340	2417	2444	S28	E52	4171	05	13.0	64	1N	C 1.3	3	C		156		
	MANI	08	2340	2418	2437D	S28	E52	4171	05	13.0	57D	1N		1	V		154	2.7	F
	HOLL	09	0015	0016	0022	S29	E50	4171	05	12.9	7	SN		3	C		71		F
	PALE	09	0015	0017	0024	S30	E51	4171	05	13.0	9	SN		3	C		88		F
	CULG	09	0016	0017	0021	S27	E51	4171	05	13.0	5	SF			C	0017	50	.8	
0147	LEAR	09	0029	0029	0048	S14	W32	4168	05	6.6	19	SF		3	C		23		
0148		09	00352	00364	0046	N16	W62	4167	05	4.3	11	SF					30		
	LEAR	09	0035	0036	0046	N15	W61	4167	05	4.4	11	SF		3	C		17		
	HOLL	09	0036	0037	0048	N17	W64	4167	05	4.2	12	SF		3	C		14		
	PALE	09	0037	0040	0045	N16	W62	4167	05	4.3	8	SF		3	C		60		

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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	See	Obs Type	Time (UT)	Area Measurement Apparent (10^{-6} Disk)	Area Measurement Corr (Sq Deg)	Remarks
0149		09	0109*	0112*	0130	S11	E52	4172	05	13.0	21	SF	C 2.3				66		F
	HOLL	09	0109	0112	0124	S10	E52	4172	05	12.9	15	SF	C 2.3	3	C		37		F
	PALE	09	0130	0133	0136	S12	E52	4172	05	13.0	6	SF		3	C		96		F
0150		09	01555	0202	0210	S10	E52	4172	05	13.0	15	SF	C 5.6				30		
	PALE	09	0155	0159U	0212	S12	E53	4172	05	13.1	17	SF	C 5.6	3	C		39		
	LEAR	09	0200	0202	0209	S09	E52	4172	05	13.0	9	SF	C 5.6	3	C		21		
0151	PALE	09	0227	0231	0236	S11	E52	4172	05	13.0	9	SF		3	C		43		
0152	PALE	09	0227	0233	0240	S30	E50	4171	05	13.0	13	SF		3	C		40		F
0153	LEAR	09	0233	0233	0243	N12	W64	4167	05	4.3	10	SF		3	C		27		
0154		09	03011	03021	0312	S28	E50	4171	05	13.0	11	SN	C 2.0				60	.9	F
	CULG	09	0301	0302	0304	S26	E50	4171	05	13.0	3	SF			C	0302	60	.9	F
	PALE	09	0302	0303	0320	S29	E50	4171	05	13.0	18	SN	C 2.0	3	C		61		F
0155	LEAR	09	0407	0407	0410	S28	E50	4171	05	13.1	3	SF		3	C		25		
0156	LEAR	09	0427	0431	0441	S10	E51	4172	05	13.0	14	SN	C 2.5	3	C		26		
0157		09	0531	0536	0546	S10	E52	4172	05	13.1	15	SN	C 4.8				72	1.2	EF
	LEAR	09	0531	0536	0549	S11	E52	4172	05	13.1	18	SN	C 4.8	3	C		69		F
	PEKG	09	0535E	0536	0544	S10	E51	4172	05	13.1	9D	SN	C 4.8		P	0536	76	1.2	E
0158		09	06233	06271	0640	S10	E50	4172	05	13.0	17	SN	C 2.3				78	1.2	EFJ
	CULG	09	0621E	0625U	0640	S08	E49	4172	05	12.9	19D	SN			P	0625	90	1.3	J
	LEAR	09	0623	0627	0644	S10	E51	4172	05	13.1	21	SN	C 2.3	3	C		80		F
	PEKG	09	0626	0628	0635	S11	E49	4172	05	12.9	9	SF	C 2.3		C	0628	63	1.0	E
0159		09	07064	07087	0743	S10	E50	4172	05	13.0	37	SB	C 9.6				96	1.5	DEF
	KAND	09	0706	0708	0726	S10	E52	4172	05	13.2	20	SB			C		42	.7	D
	CULG	09	0708E	0713U	0713D	S08	E49	4172	05	13.0	5D	SN			P	0713	130	1.9	
	MANI	09	0710	0710	0819	S09	E47	4172	05	12.8	69	SB		1	V		95	1.4	
	PEKG	09	0710	0714	0719	S11	E50	4172	05	13.1	9	SN	C 9.6		P	0714	126	2.0	E
	LEAR	09	0710	0715	0748	S11	E51	4172	05	13.1	38	SB	C 9.6	3	C		88		FE
0160	LEAR	09	0807	0812	0826	S10	E71		05	14.7	19	SF		3	C		39		F
0161	RAMY	09	1200	1205	1229	S11	E46	4172	05	13.0	29	SB	C 3.7	3	C		57		
0162	RAMY	09	1303	1304	1322	S11	E48	4172	05	13.1	19	SN	C 1.8	3	C		23		
0163		09	14074	1413*	1515	S12	E46	4172	05	13.0	68	SN	M 1.0				133		EFK
	HOLL	09	1407	1416	1529	S12	E46	4172	05	13.0	82	1N	M 1.0	3	C		203		FK
	HOLL	09	1407	1454	1529	S12	E46	4172	05	13.0	82	SN		3	C		65		K
	RAMY	09	1411	1413	1447	S11	E47	4172	05	13.1	36	SB	M 1.0	3	C		130		FE
0164	HOLL	09	1511	1513	1519	S09	W63	4165	05	4.9	8	SF		3	C		51		F
0165		09	16203	1628*	1718	S12	E44	4172	05	13.0	58	SN	C 2.9				76		FK
	HOLL	09	1620	1633	1724	S12	E44	4172	05	13.0	64	SN	C 2.9	3	C		75		FK
	HOLL	09	1620	1646	1724	S12	E44	4172	05	13.0	64	SN		3	C		70		K
	RAMY	09	1623	1628	1705	S11	E44	4172	05	13.0	42	SN		3	C		84		
0166	HOLL	09	1654	1656	1706	S28	E42	4171	05	13.0	12	SN		3	C		90		F
0167		09	17303	1733*	1807	S29	E42	4171	05	13.0	37	SN					49		FK
	HOLL	09	1730	1733	1807	S29	E41	4171	05	12.9	37	SN		3	C		73		FK
	HOLL	09	1730	1755	1807	S29	E41	4171	05	12.9	37	SN		3	C		39		K
	PALE	09	1732	1733	1810	S29	E42	4171	05	13.0	38	SN		3	C		60		FK
	PALE	09	1732	1757	1810	S29	E42	4171	05	13.0	38	SF		3	C		35		K
	RAMY	09	1733	1733	1803	S30	E44	4171	05	13.2	30	SN		3	C		56		K
	RAMY	09	1733	1757	1803	S30	E44	4171	05	13.2	30	SF		3	C		30		K
0168		09	18112	18142	1833	S10	E43	4172	05	13.0	22	SF	C 1.8				35		F
	HOLL	09	1811	1815	1828	S10	E44	4172	05	13.1	17	SF	C 1.8	3	C		56		F
	PALE	09	1813	1814	1831	S10	E43	4172	05	13.0	18	SF		3	C		22		F
	RAMY	09	1816E	1816	1840	S10	E42	4172	05	12.9	24D	SF		3	C		27		

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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
0169	HOLL	09	2021	2022	2026D	S12	E41	4172	05	12.9	5D	SB	C 1.2	3	C		72		
0170	HOLL	09	2107	2112	2141D	S31	E39	4171	05	12.9	34D	SF	C 1.1	3	C		71		F
0171		09	2109	2112*	2140D	S10	E43	4172	05	13.1	31D	SN					36		K
	HOLL	09	2109	2112	2140D	S10	E43	4172	05	13.1	31D	SF		3	C		29		K
	HOLL	09	2109	2132	2140D	S10	E43	4172	05	13.1	31D	SN		3	C		43		K
0172		09	2200*	2217*	2248	S11	E41	4172	05	13.0	48	SF					52		
	HOLL	09	2200	2217	2253	S11	E41	4172	05	13.0	53	SF		3	C		42		
	PALE	09	2214	2238	2242	S11	E41	4172	05	13.0	28	SF		3	C		63		
0173		09	23022	23056	2354	S29	E41	4171	05	13.2	52	2B	X 2.4				535	9.0	EFUZ
	MANI	09	2302	2305	2350	S29	E39	4171	05	13.0	48	2B		1	V		520	7.4	F
	PALE	09	2302	2307U	2329D	S29	E39	4171	05	13.0	27D	2B	X 2.4	3	C		550		F
	MITK	09	2302	2307	2352	S29	E42	4171	05	13.2	50	2B			C	2307	680	10.1	EZ
	CULG	09	2303	2307	2351	S28	E42	4171	05	13.2	48	2B			C	2307	640	9.6	E
	HOLL	09	2304	2311	2352	S30	E41	4171	05	13.2	48	2B	X 2.4	3	C		655		UE
	LEAR	09	2331E	2331U	2407	S29	E42	4171	05	13.3	36D	1N		2	C		165		F
0174	CULG	09	2304	2313	2315	S09	E61		05	14.5	11	SF			C	2313	70	1.2	F
0175	HOLL	10	0012	0012	0025	S09	W70	4165	05	4.7	13	SF		3	C		13		
0176		10	00155	00231	0036	S12	E40	4172	05	13.0	21	SN					34		
	LEAR	10	0015	0024	0038	S12	E40	4172	05	13.0	23	SN		3	C		45		
	HOLL	10	0020	0023	0033	S11	E39	4172	05	12.9	13	SN		3	C		22		
0177	LEAR	10	0027	0028	0035	S11	W12	4173	05	9.1	8	SF		3	C		24		
0178	CULG	10	0106	0111	0144	S14	W46	4168	05	6.6	38	SF			C	0111	120	1.8	
0179	PALE	10	0255E	0258U	0350D	S10	E38	4172	05	13.0	55D	SN	C 3.3	3	C		63		F
0180	PALE	10	0301	0308	0313	S12	W08	4173	05	9.5	12	SF		3	C		88		F
0181	PALE	10	0308	0312	0317	S27	E37	4171	05	13.0	9	SF		3	C		23		
0182	PALE	10	0323	0326	0339	S27	E38	4171	05	13.1	16	SF		3	C		25		F
0183		10	0330	03385	0529	S08	E38	4172	05	13.0	119	SN					98	1.1	F
	MANI	10	0328E	0338	0525	S08	E38	4172	05	13.0	117D	SN		1	V		85	1.1	F
	LEAR	10	0330	0343	0533	S08	E39	4172	05	13.1	123	SN		3	C		110		F
0184	PALE	10	0329	0336	0342	S12	W09	4173	05	9.5	13	SF		3	C		46		F
0185	LEAR	10	0420E	0423	0500	N12	W90	4167	05	3.4	40D	SN		3	C				
0186	LEAR	10	0503	0504	0509	N13	W74	4167	05	4.6	6	SF		3	C		14		
0187	LEAR	10	0521	0522	0530	N13	W76	4167	05	4.5	9	SF		3	C				
0188	LEAR	10	0527	0530	0534	S32	E34	4171	05	12.9	7	SF		3	C		19		
0189	LEAR	10	0536	0537	0547	S09	E38	4172	05	13.1	11	SF		3	C		33		
0190		10	0651*	0654*	0732	S11	W15	4173	05	9.1	41	SN					201	2.2	E
	YUNN	10	0651	0654	0704	S11	W15	4173	05	9.1	13	SN			C		157	1.7	
	YUNN	10	0711E	0711U	0739	S11	W15	4173	05	9.2	28D	1N			P	0711	314	3.4	
	ABST	10	0735E	0743	0802D	S11	W16	4173	05	9.1	27D	SN			P	0743	131	1.4	E
	KANZ	10	0739	0748	0753	S12	W14	4173	05	9.3	14	SF		1					
0191		10	07399	07417	0759	S11	E36	4172	05	13.0	20	SN					80	1.0	DEU
	KAND	10	0739	0741	0752U	S10	E35	4172	05	12.9	13U	SF			C		29	.4	D
	KANZ	10	0739	0748	0803	S11	E36	4172	05	13.0	24	SF		1					
	ABST	10	0740	0742	0801	S12	E36	4172	05	13.0	21	SN			C	0742	131	1.6	E
	ISTA	10	0748		0752	S12	E39	4172	05	13.3	4	SN							U

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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
0192		10	08111	08111	0816	S30	E36	4171	05	13.2	5	SF						31		
	LEAR	10	0811	0811	0816	S30	E36	4171	05	13.2	5	SF			3	C		31		
	KANZ	10	0812	0812	0817	S30	E36	4171	05	13.2	5	SF			2					
0193	KANZ	10	0850	0855	0900	S10	W72	4170	05	4.9	10	SF			2					
0194		10	0929	0929	0939	S12	W14	4173	05	9.3	10	1N						314	3.4	
	YUNN	10	0924E	0924U	0929D	S11	W15	4173	05	9.3	5D	1N				P	0924	314	3.4	
	KANZ	10	0929	0929	0939	S12	W12	4173	05	9.5	10	SF			1					
0195	KANZ	10	1006	1011	1025	S15	W53	4168	05	6.4	19	SF			1					
0196		10	1011	10125	1029	S12	E36	4172	05	13.1	18	SN						65	.6	
	KHAR	10	1010E	1012	1034D	S12	E37	4172	05	13.2	24D	SF				P	1021	60	.6	
	KANZ	10	1011	1017	1030	S11	E36	4172	05	13.1	19	SN			2					
	MONT	10	1015E	1016	1028	S12	E36	4172	05	13.1	13D	SN				C	1016	70		
0197	KANZ	10	1021	1025	1036	S12	W14	4173	05	9.4	15	SN			2					
		10	1056		1058	No Flare Patrol														
0198		10	1106	1211*	1319	S13	W15	4173	05	9.3	133	1B	M	3.1				283	2.4	K
	RAMY	10	1106	1211	1340	S13	W16	4173	05	9.2	154	1B	M	3.1	3	C		316		K
	RAMY	10	1106	1302	1340	S13	W16	4173	05	9.2	154	1N			3	C		310		K
	ATHN	10	1208E	1214	1236	S14	W14	4173	05	9.4	28D	1B			1	V	1214	223	2.4	
0199	RAMY	10	1301	1308	1318	S12	E32	4172	05	12.9	17	SN			3	C		39		
0200		10	1350E	1352*	1545D	S11	W18	4173	05	9.2	115D	SN	C	1.8				124		FK
	HOLL	10	1350E	1352	1545D	S11	W18	4173	05	9.2	115D	SF			3	C		154		K
	HOLL	10	1350E	1425	1545D	S11	W18	4173	05	9.2	115D	SN	C	1.8	3	C		95		FK
0201		10	14585	15079	1522	S16	W22	4173	05	8.9	24	SN						51		FK
	RAMY	10	1458	1511	1523	S15	W21	4173	05	9.0	25	SN			3	C		48		K
	RAMY	10	1458	1516	1523	S15	W21	4173	05	9.0	25	SN			3	C		49		K
	HOLL	10	1503	1507	1521	S18	W25	4173	05	8.7	18	SN			3	C		57		F
0202	RAMY	10	1619	1622	1636	S14	W55	4168	05	6.5	17	SF			3	C		18		
0203		10	1627	16292	1706	S12	W19	4173	05	9.2	39	SN	C	3.9				65		
	KANZ	10	1624E	1629	1654D	S12	W19	4173	05	9.2	30D	SN			2					
	RAMY	10	1627	1631	1657	S12	W19	4173	05	9.2	30	SN	C	3.9	3	C		50		
	PALE	10	1644E	1650U	1715	S13	W20	4173	05	9.2	31D	SN	C	3.9	3	C		80		
0204	RAMY	10	1646	1647	1659	S28	E28	4171	05	12.9	13	SF			3	C		33		
0205	PALE	10	1722	1739	1747	S13	W20	4173	05	9.2	25	SF			3	C		94		
0206		10	1800	1808*	2013	S13	W21	4173	05	9.2	133	SN	C	5.7				113		EFK
	PALE	10	1800	1808	1952	S13	W21	4173	05	9.2	112	SN			3	C		60		K
	PALE	10	1800	1844U	1952	S13	W21	4173	05	9.2	112	SN	C	5.7	3	C		114		FK
	HOLL	10	1827E	1842	2056	S12	W22	4173	05	9.1	149D	SB	C	5.7	3	C		165		FE
0207	HOLL	10	1921	1922	1928	S29	E28	4171	05	13.0	7	SN			3	C		24		
0208	HOLL	10	2007	2012	2026	S12	E27	4172	05	12.9	19	SF			3	C		67		F
0209		10	2331*	23388	2348	S11	W26	4173	05	9.0	17	SN	C	1.8				55	.5	
	CULG	10	2331	2338	2340	S11	W28	4173	05	8.9	9	SN				C	2338	50	.5	
	HOLL	10	2344	2346	2356	S11	W24	4173	05	9.2	12	SN	C	1.8	3	C		60		
0210	YUNN	11	0043	0044	0045	S29	E27	4171	05	13.1	2	SN				C		31	.4	
0211	YUNN	11	0246E	0246U	0310	S12	W27	4173	05	9.1	24D	SN				P	0246	157	1.8	F
0212	CULG	11	0318	0321	0325	S10	E23	4172	05	12.9	7	SF				C	0321	50	.5	F
0213		11	03504	03599	0434	S11	W25	4173	05	9.3	44	SN	M	3.1				130	1.6	FIJ
	CULG	11	0350	0359	0428	S12	W26	4173	05	9.2	38	1N				C	0359	200	2.2	JFI
	LEAR	11	0354	0408	0445	S11	W24	4173	05	9.3	51	SB	M	3.1	3	C		99		F
	MANI	11	0411E	0411U	0428	S10	W25	4173	05	9.3	17D	SN			1	V		90	1.0	

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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
0214	LEAR	11	0450	0451	0459	S12	W27	4173	05	9.2	9	SF	C 4.4	3	C		24		
0215		11	0759	0800	0824	S11	E27	4172	05	13.4	25	SF	C 5.4				46		F
	LEAR	11	0759	0800	0824	S10	E24	4172	05	13.1	25	SF	C 5.4	3	C		46		F
	KHAR	11	0829E		0835D	S12	E30	4172	05	13.6	6D	SF			P				
0216	LEAR	11	0825	0826	0854	S11	W26	4173	05	9.4	29	SN		3	C		26		
		11	1019		1032	No Flare Patrol													
0217	KHAR	11	1033E		1049D	S16	E27	4172	05	13.5	16D	SF			P				D
		11	1050		1100	No Flare Patrol													
		11	1138		1141	No Flare Patrol													
		11	1217		1220	No Flare Patrol													
0218	HOLL	11	1322	1329	1332D	S12	W30	4173	05	9.3	10D	SB	M 1.3	3	C		75		
0219	HTPR	11	1417E		1434D	S10	W27	4175	05	9.6	17D	SF			C	1419	30	.3	E
0220	HTPR	11	1417E		1434D	S12	W34	4173	05	9.0	17D	SF			C	1419	20	.2	E
0221		11	14191	1423	1451D	S30	E24	4171	05	13.5	32D	1B	M 1.9				207	.8	BEFU
	HTPR	11	1419		1434D	S30	E27	4171	05	13.7	15D	SF			C	1426	70	.8	E
	RAMY	11	1419	1423	1423D	S31	E22	4171	05	13.3	4D	1B	M 1.9	3	C		263		UF
	HOLL	11	1420	1423	1426D	S31	E22	4171	05	13.3	6D	1B	M 1.9	3	C		414		FE
	HTPR	11	1450E		1451D	S30	E27	4171	05	13.7	1D	SB			C	1450	80	.9	BE
		11	1530		1533	No Flare Patrol													
0222	HTPR	11	1534E		1535D	S13	W30	4173	05	9.4	1D	SF			C	1534	20	.2	E
		11	1536		1546	No Flare Patrol													
		11	1556		1610	No Flare Patrol													
0223	HTPR	11	1611E		1627	S12	W33	4173	05	9.2	16D	SN			C	1614	80	1.0	E
0224	HTPR	11	1621	1623	1626	S10	W20	4175	05	10.2	5	SF			C	1623	20	.2	
0225	HTPR	11	1624		1644D	N08	E85	4174	05	18.0	20D	SF			C	1632	20		
		11	1645		1906	No Flare Patrol													
0226	RAMY	11	1737	1745	1802	S10	E17	4172	05	13.0	25	SF		3	C		27		
0227	PALE	11	1907E	1919U	1928	S11	W36	4173	05	9.1	21D	SF		3	C		61		F
0228	PALE	11	1935	1942	2031	S11	E16	4172	05	13.0	56	SN	C 6.3	3	C		190		F
0229	PALE	11	2032	2032	2041	S12	W38	4173	05	9.0	9	SF		3	C		26		F
		11	2055		2104	No Flare Patrol													
0230	CULG	11	2157	2159	2210	S12	W36	4173	05	9.2	13	SF			C	2159	20	.2	
0231	CULG	11	2206	2207	2212	S27	E17	4171	05	13.2	6	SF			C	2207	60	.7	
0232		11	2210	2214	2229	N08	E75	4174	05	17.5	19	1N					120		EJ
	CULG	11	2210	2212U	2223D	N09	E77	4174	05	17.7	13D	1N			P	2212	70		J
	VORO	11	2210	2214	2229	N08	E73	4174	05	17.4	19	1F			C	2214	170		EJ
0233	HOLL	11	2257E	2312	2336	S10	W40	4173	05	8.9	39D	SN		3	C		79		
0234		11	2320*	2337*	2414	S28	E14	4171	05	13.1	54	SN	C 5.9				162	1.8	DEFJK
	HOLL	11	2320	2338	2448	S28	E13	4171	05	13.0	88	1B	C 5.9	3	C		345		FEK
	HOLL	11	2320	2412	2448	S28	E13	4171	05	13.0	88	SF		3	C		136		K
	MANI	11	2327	2337	2348	S28	E13	4171	05	13.0	21	1B		1	V		195	2.3	F
	VORO	11	2337	2338	2343	S28	E14	4171	05	13.1	6	1F			C	2338	242	2.8	EJ
	LEAR	11	2337E	2339U	2350	S28	E14	4171	05	13.1	13D	SB	C 5.9	3	C		158		F
	PEKG	12	0010	0014	0020	S27	E17	4171	05	13.3	10	SF			C	0014	29	.4	D
	LEAR	12	0011	0011	0025	S27	E17	4171	05	13.3	14	SF		3	C		27		

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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
0235		11	2337*	2342*	2452	S10	W39	4173	05	9.0	75	1N	M 1.0				188	2.4	EFJKU
	HOLL	11	2337	2342	2506	S09	W39	4173	05	9.0	89	SF		3	C		37		K
	HOLL	11	2337	2438	2506	S09	W39	4173	05	9.0	89	1B		3	C		380		FEK
	LEAR	11	2353	2425	2457	S10	W38	4173	05	9.1	64	SB		3	C		98		FK
	LEAR	11	2353	2438	2457	S10	W38	4173	05	9.1	64	1B		3	C		254		K
	PEKG	12	0007	0014	0021	S09	W39	4173	05	9.1	14	SN			C	0014	97	1.3	E
	PEKG	12	0020	0030	0045D	S09	W39	4173	05	9.1	25D	1N			C	0030	202	2.7	EKU
	PEKG	12	0020	0038	0045D	S10	W39	4173	05	9.1	25D	1N	M 1.0		C	0038	176	2.4	E
	CULG	12	0036	0040	0048	S12	W38	4173	05	9.2	12	1B			C	0040	260	3.2	J
0236	PEKG	12	0010	0014	0022	N06	E80	4174	05	18.0	12	SF			C	0014	17		E
0237		12	00201	00225	0039	S09	W27	4175	05	10.0	19	SN	C 5.5				68	.6	DEFJ
	PEKG	12	0020	0022	0035	S08	W28	4175	05	9.9	15	SF	C 5.5		C	0022	46	.5	E
	HOLL	12	0020	0026	0045	S08	W28	4175	05	9.9	25	SN	C 5.5	3	C		76		F
	LEAR	12	0021	0023	0045	S09	W27	4175	05	10.0	24	SB	C 5.5	3	C		89		F
	VORO	12	0021	0024	0034	S09	W28	4175	05	9.9	13	SN			C	0024	99	1.1	DJ
	CULG	12	0021	0027	0035	S10	W27	4175	05	10.0	14	SN			C	0027	30	.3	
0238	LEAR	12	0028	0030	0036	S29	E10	4171	05	12.8	8	SF		3	C		27		
0239		12	00366	00402	0050	N08	E83	4174	05	18.2	14	SN					54		A
	PEKG	12	0036	0040	0050	N08	E88	4174	05	18.6	14	SB			C	0040	84		A
	HOLL	12	0042	0042	0049	N07	E78	4174	05	17.9	7	SF		3	C		25		
0240		12	01464	01507	0207	S13	W37	4173	05	9.3	21	SN	C 8.2				104	1.5	EJ
	VORO	12	0146	0155	0205	S13	W38	4173	05	9.2	19	1F			C	0155	215	2.8	EJ
	CULG	12	0147	0155	0159D	S15	W36	4173	05	9.3	12D	SN			P	0155	80	1.0	
	PEKG	12	0148	0150	0210	S11	W38	4173	05	9.2	22	SF	C 8.2		C	0150	59	.8	E
	LEAR	12	0150	0157	0205	S12	W36	4173	05	9.4	15	SN	C 8.2	3	C		64		
0241	LEAR	12	0151	0154	0156	N08	E70	4174	05	17.3	5	SF		3	C		11		
0242		12	0219*	0225*	0316	S30	E15	4171	05	13.3	57	2B	M 5.6				668	8.1	EFHJ
	LEAR	12	0219	0225	0236	S30	E14	4171	05	13.2	17	SF		3	C		118		
	LEAR	12	0237	0256	0346	S30	E15	4171	05	13.3	69	3B	M 5.6	3	C		1174		EH
	MANI	12	0238	0251	0324	S30	E15	4171	05	13.3	46	2B		1	V		810	9.8	
	VORO	12	0253	0256	0314D	S30	E17	4171	05	13.4	21D	2B			C	0256	735	8.6	EHJ
	PEKG	12	0254E	0256	0319	S31	E15	4171	05	13.3	25D	2B	M 5.6		C	0256	505	6.0	F
0243	LEAR	12	0223	0246	0311	S11	E12	4172	05	13.0	48	SF		3	C		60		
0244		12	02232	02234	0227	S10	W40	4173	05	9.1	4	SF					48	.8	DJ
	LEAR	12	0223	0223	0229	S10	W41	4173	05	9.0	6	SF		3	C		25		
	VORO	12	0223	0224	0225	S11	W40	4173	05	9.1	2	SN			C	0224	90	1.2	DJ
	MANI	12	0225	0227	0234D	S10	W40	4173	05	9.1	9D	SF		1	V		30	.4	
0245		12	0240*	02542	0320	S10	W40	4173	05	9.1	40	1B					160	2.2	DEFJ
	MANI	12	0240	0255	0327	S10	W39	4173	05	9.2	47	1B		1	V		170	2.3	
	LEAR	12	0241	0256	0328	S10	W39	4173	05	9.2	47	SB		3	C		154		F
	PEKG	12	0250	0254	0322	S10	W40	4173	05	9.1	32	SN			C	0254	126	1.7	E
	VORO	12	0252	0254	0304	S12	W41	4173	05	9.0	12	1N			C	0254	188	2.5	DJ
0246	LEAR	12	0346	0402	0415	N08	E75	4174	05	17.8	29	SF		3	C		23		
0247		12	0422*	04331	0440	S10	W42	4173	05	9.0	18	SN	C 2.7				66	.9	E
	LEAR	12	0422	0433	0442	S11	W42	4173	05	9.0	20	SN	C 2.7	3	C		65		
	PEKG	12	0432	0434	0437	S09	W42	4173	05	9.0	5	SN			C	0434	67	.9	E
0248	CULG	12	0453	0456	0503	S09	E03	4172	05	12.4	10	SB			C	0456	100	1.0	V
0249	PEKG	12	0454	0456	0500	N07	E77	4174	05	18.0	6	SF			C	0456	17		D
0250	PEKG	12	0456E	0457	0504	S29	E10	4171	05	13.0	8D	SN	C 6.4		C	0457	160	1.8	E
0251		12	05492	05543	0609	S09	W30	4175	05	10.0	20	SN	C 3.5				76	.9	E
	CULG	12	0549	0554	0603	S10	W31	4175	05	9.9	14	SN			C	0554	70	.8	
	PEKG	12	0551	0554	0603	S09	W32	4175	05	9.8	12	SF	C 3.5		C	0554	84	1.0	E
	LEAR	12	0552E	0557	0558D	S09	W30	4175	05	10.0	6D	SB	C 3.5	3	C		84		
	MANI	12	0559E	0559U	0621	S09	W29	4175	05	10.1	22D	SN		1	V		65	.8	

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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
0252	TACH	12	0602	0602	0615	S32	E15	4171	05	13.4	13	1B			C	0602	177	2.1	BD
0253	BUCA	12	0630	0636	0655	S11	W42	4173	05	9.1	25	SF			C	0636	107	1.5	E
0254	LEAR	12	0712	0713	0725	S09	W31	4175	05	10.0	13	SN	C 2.6	3	C		47		
0255		12	07221	0724	0727	S10	W42	4173	05	9.1	5	SF					50	.7	E
	ISTA	12	0722		0725	S11	W41	4173	05	9.2	3	SF							
	PEKG	12	0723	0724	0729	S10	W44	4173	05	9.0	6	SF			C	0724	50	.7	E
0256		12	08333	08362	0850	S10	W42	4173	05	9.2	17	SF	C 2.9				139	1.4	D
	ISTA	12	0833		0839	S11	W40	4173	05	9.3	6	SF							
	PEKG	12	0833	0836	0846	S09	W43	4173	05	9.1	13	SF	C 2.9		P	0836	42	.6	D
	WEND	12	0834	0838	0842	S10	W44	4173	05	9.0	8	SF			C	0838	38	.5	
	LEAR	12	0834E	0838	0902D	S10	W42	4173	05	9.2	28D	1N	C 2.9	3	C		245		
	MANI	12	0836	0838	0915	S10	W43	4173	05	9.1	39	1N		1	V		230	3.2	
0257		12	08561	08581	0904	S09	W33	4175	05	9.9	8	SF	C 2.6				46	.4	
	WEND	12	0856	0858	0904	S10	W34	4175	05	9.8	8	SF			C	0858	25	.3	
	YUNN	12	0856	0859	0905	S08	W33	4175	05	9.9	9	SF			P		31	.4	
	LEAR	12	0857	0859	0902D	S08	W32	4175	05	10.0	5D	SN	C 2.6	3	C		83		
0258	WEND	12	1049	1114	1143	S11	E09	4172	05	13.1	54	SF			C	1114	81	.9	
0259	WEND	12	1156	1203	1212D	S11	E09	4172	05	13.2	16D	SF			C	1203	63	.7	
0260	RAMY	12	1234	1238	1249	S10	W32	4175	05	10.1	15	SN	C 7.3	3	C		43		
0261		12	1235	1247	1258	N08	E68	4174	05	17.6	23	SN					61		
	RAMY	12	1235	1247	1258	N08	E69	4174	05	17.7	23	SF		3	C		72		
	HOLL	12	1238E	1238U	1250D	N09	E67	4174	05	17.5	12D	SN		3	C		50		
0262	RAMY	12	1325	1331	1334	S34	E05	4171	05	12.9	9	SF		3	C		22		
0263		12	1333*	1337*	1449	S11	W43	4173	05	9.3	76	SB	M 2.2				154	5.1	EFK
	RAMY	12	1333	1337	1411	S12	W44	4173	05	9.2	38	SB	M 2.2	3	C		93		
	HOLL	12	1334E	1340	1515	S12	W44	4173	05	9.2	101D	1B	M 2.2	3	C		195		FEK
	HOLL	12	1334E	1500	1515	S12	W44	4173	05	9.2	101D	SN		3	C		29		K
	ATHN	12	1343E	1345	1400D	S10	W38	4173	05	9.7	17D	1B		2	V	1345	382	5.1	
	RAMY	12	1416	1419	1436	S11	W44	4173	05	9.3	20	SN		3	C		74		
0264		12	15281	15311	1534	S07	W42	4173	05	9.5	6	SB	C 2.5				60		
	RAMY	12	1528	1531	1534	S08	W42	4173	05	9.5	6	SN	C 2.5	3	C		59		
	HOLL	12	1529	1532	1535	S06	W42	4173	05	9.5	6	SB	C 2.5	3	C		61		
0265	HOLL	12	1611	1612	1628	S08	E05	4172	05	13.0	17	SF		3	C		38		F
0266		12	16191	16211	1631	S08	W44	4173	05	9.4	12	SN	C 3.4				70		F
	HOLL	12	1619	1621	1634	S08	W44	4173	05	9.4	15	SN	C 3.4	3	C		70		F
	RAMY	12	1620	1622	1628	S09	W45	4173	05	9.3	8	SN	C 3.4	3	C		70		
0267		12	16336	1640	1704	N09	E74	4174	05	18.2	31	SB					48		
	HOLL	12	1633	1640	1704	N09	E75	4174	05	18.3	31	SB		3	C		60		
	RAMY	12	1639	1640	1704	N09	E72	4174	05	18.1	25	SB		3	C		37		
0268	HOLL	12	1639	1641	1656	S10	E06	4172	05	13.1	17	SF		3	C		32		
0269		12	16531	1654	1700	S08	W39	4175	05	9.8	7	SN					24		
	HOLL	12	1653	1654	1657	S09	W40	4175	05	9.7	4	SN		3	C		26		
	HOLL	12	1654	1654	1704	S08	W38	4175	05	9.8	10	SN		3	C		23		
0270	HOLL	12	1712	1717	1721	N07	E70	4174	05	18.0	9	SF		3	C		21		
0271		12	1720*	1721*	1735	S10	W47	4173	05	9.2	15	SN	C 2.4				25		FH
	PALE	12	1720	1722	1742	S09	W48	4173	05	9.1	22	SN		3	C		25		F
	RAMY	12	1721	1721	1724	S10	W46	4173	05	9.3	3	SN	C 2.4	3	C		18		
	HOLL	12	1721	1721	1732	S09	W48	4173	05	9.1	11	SB	C 2.4	3	C		29		H
	HOLL	12	1736	1737	1743	S11	W46	4173	05	9.3	7	SN		3	C		29		H

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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
0272		12	17471	17471	1752	S08	W38	4175	05	9.9	5	SB					34		
	HOLL	12	1747	1747	1752D	S07	W38	4175	05	9.9	5D	SB		3	C		47		
	RAMY	12	1748	1748	1752	S09	W39	4175	05	9.8	4	SN		3	C		20		
0273	HOLL	12	1938	1938	1954	S11	E06	4172	05	13.3	16	SF	C 1.8	3	C		29		
0274	HOLL	12	2028	2036	2117	S10	E03	4172	05	13.1	49	SN		3	C		134		F
0275		12	2040	2045	2114	S07	W42	4175	05	9.7	34	1N	C 3.5				176		FH
	HOLL	12	2040	2045	2102	S07	W40	4175	05	9.9	22	SN		3	C		50		
	HOLL	12	2040	2045	2125	S07	W45	4175	05	9.5	45	1N	C 3.5	3	C		301		FH
0276		12	21005	2100*	2110	S31	E04	4171	05	13.2	10	SF					48		F
	HOLL	12	2100	2100	2105	S31	E03	4171	05	13.1	5	SF		3	C		26		
	HOLL	12	2105	2110	2115	S31	E05	4171	05	13.3	10	SF		3	C		70		F
0277	HOLL	12	2141	2142	2146	S31	E02	4171	05	13.1	5	SN	C 1.2	3	C		23		
		12	2207		2215	No Flare Patrol													
0278	HOLL	12	2221	2222	2317	S29	E03	4171	05	13.2	56	SN	C 1.7	3	C		46		F
0279	HOLL	12	2226	2228	2240	S10	E02	4172	05	13.1	14	SF		3	C		37		F
0280		13	0009*	00266	0034	S09	W52	4173	05	9.1	25	SF					63	.4	DF
	HOLL	13	0009	0026	0032	S09	W51	4173	05	9.2	23	SN		3	C		57		F
	PEKG	13	0027	0032	0037	S09	W53	4173	05	9.0	10	SF			C	0032	25	.4	D
	LEAR	13	0028E	0029	0040D	S10	W51	4173	05	9.2	12D	SF		2	C		106		
0281		13	00104	0015	0026	S10	E00	4172	05	13.0	16	SF					55	.5	EF
	PEKG	13	0010	0015	0021	S11	E00	4172	05	13.0	11	SF			C	0015	46	.5	E
	PALE	13	0014	0015	0023	S11	W01	4172	05	12.9	9	SF		3	C		31		
	HOLL	13	0014	0015	0025	S10	E01	4172	05	13.1	11	SF		3	C		52		F
	LEAR	13	0014	0015	0034	S10	W00	4172	05	13.0	20	SF		3	C		91		
0282		13	0057	0100	0112	S29	E02	4171	05	13.2	15	SN					36	.5	F
	HOLL	13	0057	0100	0109	S29	E01	4171	05	13.1	12	SF		3	C		26		F
	YUNN	13	0057	0100	0116	S29	E03	4171	05	13.3	19	SN			C		47	.5	
0283		13	0141	0143	0145	S10	W43	4175	05	9.8	4	SF					31	.6	E
	PALE	13	0138E	0141U	0145	S11	W43	4175	05	9.8	7D	SF		3	C		20		
	PEKG	13	0141	0143	0145	S09	W43	4175	05	9.8	4	SF			C	0143	42	.6	E
0284	LEAR	13	0246	0250	0306	S09	E20	4176	05	14.6	20	SF	C 1.2	3	C		63		
0285	LEAR	13	0338	0340	0349	S08	E19	4176	05	14.6	11	SF		3	C		23		
0286	ABST	13	0406	0410	0420	S10	W56	4173	05	9.0	14	1F			C	0410	131	2.4	E
0287	ABST	13	0408	0410	0416	S30	W02	4171	05	13.0	8	SF			C	0410	131	1.4	E
0288	ABST	13	0447	0452	0505	S10	E20	4176	05	14.7	18	SF			C	0452	131	1.3	E
0289	ABST	13	0458	0500	0510	S10	E01	4172	05	13.3	12	SF			C	0500	131	1.3	E
0290		13	0552	0555	0602	S12	W54	4173	05	9.2	10	1N					127	2.3	EH
	ABST	13	0552	0555	0602	S10	W56	4173	05	9.0	10	1F			C	0555	174	3.4	EH
	CULG	13	0632E	0637U	0637D	S13	W51	4173	05	9.4	5D	SN			P	0637	80	1.2	
0291		13	0630	06307	0655	S09	W03	4172	05	13.0	25	SF					147	1.6	F
	CULG	13	0627E	0631U	0634D	S09	W01	4172	05	13.2	7D	SN			P	0631	160	1.6	F
	LEAR	13	0629E	0630	0700	S11	W03	4172	05	13.0	31D	SF		3	C		98		F
	KANZ	13	0629E	0631	0655	S10	W02	4172	05	13.1	26D	SN		3					
	ATHN	13	0629E	0632	0649	S07	W07	4172	05	12.7	20D	SF		3	V	0632	64	.7	
	BUCA	13	0630	0637	0705	S08	W02	4172	05	13.1	35	1F			C	0637	322	3.3	
	PEKG	13	0636E	0636	0646	S10	W03	4172	05	13.0	10D	SF			P	0636	92	.9	F
0292		13	06301	06364	0649	S08	W53	4173	05	9.3	19	SB	C 6.2				135	2.3	E
	ATHN	13	0629E	0640	0648	S07	W55	4173	05	9.1	19D	SB		3	V	0640	80	1.4	
	BUCA	13	0630	0636	0655	S08	W52	4173	05	9.4	25	1N			C	0636	215	3.6	
	KANZ	13	0631	0636	0646	S08	W52	4173	05	9.4	15	SN		3					
	LEAR	13	0631	0637	0647	S08	W53	4173	05	9.3	16	SB	C 6.2	3	C		128		
	PEKG	13	0636E	0636	0646D	S08	W53	4173	05	9.3	10D	SB	C 6.2		P	0636	118	2.0	E

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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	See	Obs Type	Time (UT)	Area Measurement Apparent (10^{-6} Disk)	Area Measurement Corr (Sq Deg)	Remarks
0293		13	07151	07182	0723	S12	W53	4173	05	9.3	8	SF	C 1.9				21		
	KANZ	13	0715	0718	0723	S13	W50	4173	05	9.5	8	SF		3					
	LEAR	13	0716	0720	0723	S11	W56	4173	05	9.1	7	SF	C 1.9	3	C		21		
0294		13	07443	07467	0759	S08	E18	4176	05	14.7	15	SN	C 2.2				74	.8	E
	LEAR	13	0744	0747	0800D	S08	E17	4176	05	14.6	16D	SN	C 2.2	3	C		93		
	BUCA	13	0745	0750U	0800	S07	E18	4176	05	14.7	15	SN			C	0750	107	1.2	E
	PEKG	13	0746E	0746	0756	S08	E17	4176	05	14.6	10D	SF	C 2.2		P	0746	25	.3	E
	KANZ	13	0747	0747	0758	S07	E18	4176	05	14.7	11	SN		3					
	ATHN	13	0749E	0753	0803	S09	E17	4176	05	14.6	14D	SF		3	V	0753	64	.7	
	CATA	13	0750E	0750	0755D	S09	E18	4176	05	14.7	5D	S			P	0750	84	1.0	
0295	LEAR	13	0847	0850	0901	S30	W02	4171	05	13.2	14	SF		3	C		29		
0296		13	0910E	0918	0923	S14	W51	4173	05	9.5	13D	SF					29	.4	D
	KHAR	13	0910E		0917D	S14	W52	4173	05	9.4	7D	SF			P	0910	50	.7	D
	HTPR	13	0918E		0926	S14	W50	4173	05	9.6	8D	SF			C	0919	20	.3	
	PEKG	13	0918E	0918	0920	S13	W52	4173	05	9.5	2D	SN			P	0918	17	.3	D
0297		13	10182	10244	1032	S09	W54	4173	05	9.4	14	SN	C 3.4				130	2.2	H
	KHAR	13	0943E		0948D	S10	W58	4173	05	9.0	5D	SF			V	0943			
	WEND	13	1018	1024	1030	S08	W54	4173	05	9.4	12	1N	C 3.4		C	1024	131	2.3	
	KHAR	13	1020E	1024	1031D	S09	W56	4173	05	9.2	11D	SN			P	1028	110	1.9	H
	CATA	13	1020	1025	1025D	S08	W55	4173	05	9.3	5D	1			P	1025	281	5.0	
	HTPR	13	1022E		1025D	S08	W53	4173	05	9.4	3D	SB			C	1025	80	1.3	
	ATHN	13	1025E	1028	1035	S10	W48	4173	05	9.8	10D	SB		3	V	1028	48	.7	
0298		13	10562	10595	1108	S11	W05	4172	05	13.1	12	SF					50	.5	
	HTPR	13	1056	1059	1109	S11	W03	4172	05	13.2	13	SF			C	1059	60	.6	
	HTPR	13	1058	1104	1108	S11	W07	4172	05	12.9	10	SF			C	1104	40	.4	
0299		13	11086	1110*	1135	S09	W50	4175	05	9.7	27	SN					70	1.2	E
	WEND	13	1108	1110	1122D	S07	W52	4175	05	9.6	14D	SN			C	1110	106	1.8	
	HTPR	13	1110	1112	1131	S10	W52	4175	05	9.5	21	SN			C	1112	30	.5	E
	ATHN	13	1114	1117	1133	S10	W46	4175	05	10.0	19	SN		3	V	1117	32	.5	
	CATA	13	1115E	1120	1140	S08	W50	4175	05	9.7	25D	S			P	1120	112	1.8	
0300	HTPR	13	1134	1138	1155	S30	W04	4171	05	13.2	21	SF			C	1138	60	.7	E
0301		13	12379	1244*	1310	S30	W04	4171	05	13.2	33	SN					39	.5	DE
	HTPR	13	1237	1244	1316	S30	W05	4171	05	13.1	39	SN			C	1244	60	.7	E
	KAND	13	1246	1252	1304	S29	W03	4171	05	13.3	18	SF			C		27	.3	D
	HOLL	13	1246E	1254	1310	S31	W03	4171	05	13.3	24D	SN		3	C		30		
0302		13	14201	14214	1501	S10	W59	4173	05	9.2	41	SN	C 4.8				51	.9	EF
	RAMY	13	1420	1421	1627D	S10	W59	4173	05	9.2	127D	SB	C 4.8	3	C		56		
	HOLL	13	1420	1425	1502	S09	W55	4173	05	9.5	42	SN	C 4.8	3	C		58		F
	HTPR	13	1421	1424	1500	S10	W63	4173	05	8.9	39	SN			C	1424	40	.9	E
0303	HOLL	13	1448	1453	1459	N07	E57	4174	05	17.9	11	SF		3	C		19		
0304	HOLL	13	1724	1725	1742	S08	W51	4175	05	9.9	18	SF		3	C		30		
0305	HOLL	13	1810	1811	1816	S07	W58	4173	05	9.4	6	SF		3	C		27		F
0306	HOLL	13	1840	1841	1852	S07	W53	4175	05	9.8	12	SF	C 1.3	3	C		26		F
0307		13	1840	1844*	1933	S10	W60	4173	05	9.3	53	SN	C 2.1				48		FK
	HOLL	13	1840	1844	1933	S10	W60	4173	05	9.3	53	SN		3	C		32		K
	HOLL	13	1840	1905	1933	S10	W60	4173	05	9.3	53	SN	C 2.1	3	C		64		FK
0308	HOLL	13	1941	1947	2005	S06	W54	4175	05	9.8	24	SF		3	C		34		
0309	HOLL	13	2040	2040	2057	N07	E52	4174	05	17.7	17	SF		3	C		29		
0310	HOLL	13	2139	2140	2147	S10	W11	4172	05	13.1	8	SF		3	C		23		
0311	HOLL	13	2224	2226	2234D	S09	W62	4173	05	9.3	10D	SF		3	C		33		

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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
0312		13	23336	23401	2358	S07	W57	4175	05	9.7	25	SN	C 1.1				46	1.5	DJ
	HOLL	13	2333	2340	2407	S06	W56	4175	05	9.8	34	SN		3	C		31		
	VORO	13	2338	2341	2350	S08	W57	4175	05	9.7	12	SN			C	2341	81	1.5	DJ
	HOLL	13	2339	2340		S08	W58	4175	05	9.6		SN	C 1.1	3	C		26		
0313		13	2356	24053	2428	N12	E60	4182	05	18.5	32	2F					218	4.6	FJ
	VORO	13	2356	2405	2428	N12	E60	4182	05	18.5	32	2F			C	2405	305	6.7	J
	CULG	14	0002E	0008	0028	N12	E59	4182	05	18.4	26D	1F			P	0008	130	2.6	F
0314	HOLL	14	0015	0030	0038	S11	W63	4173	05	9.3	23	SF		3	C		23		F
0315	LEAR	14	0236	0251	0301	S08	W59	4175	05	9.7	25	SF		3	C		67		F
0316	LEAR	14	0307	0309	0318	S12	W63	4173	05	9.4	11	SN		3	C		36		
0317		14	0347*	0408*	0453	S11	W68	4173	05	9.0	66	1N	C 4.7				128	3.5	EFK
	MANI	14	0347	0408	0519	S11	W70	4173	05	8.9	92	1N		1	V		158	3.5	F
	LEAR	14	0347	0417	0519	S11	W67	4173	05	9.1	92	1N	C 4.7	3	C		176		F
	PURP	14	0403E	0409	0432	S13	W68	4173	05	9.0	29D	1N			C	0409	83		
	YUNN	14	0410E	0415	0430	S10	W66	4173	05	9.2	20D	1N			P		94		
	ABST	14	0419	0424	0446	S11	W70	4173	05	8.9	27	1N			C	0424	131		EK
0318	ABST	14	0451	0454	0504	S06	W63	4175	05	9.5	13	1F			C	0454	87	2.8	D
0319		14	06287	0629*	0642	S12	W74	4173	05	8.7	14	SF	C 2.0				24	2.0	
	LEAR	14	0628	0629	0641	S10	W71	4173	05	8.9	13	SF	C 2.0	3	C		15		
	HTPR	14	0628	0631	0647	S11	W76	4173	05	8.5	19	SF			C	0631	10		
	LEAR	14	0633	0634	0640	S13	W75	4173	05	8.6	7	SF		3	C				
	MANI	14	0634	0634	0641	S13	W75	4173	05	8.6	7	SF		1	V				
	ATHN	14	0635	0639	0643	S12	W76	4173	05	8.5	8	SF		3	V	0639	48	2.0	
0320		14	0630*	0657*	0820	S27	W21	4171	05	12.6	110	1N					259	2.6	EFHW
	HTPR	14	0630		0719D	S25	W21	4171	05	12.6	49D	SN			C	0704	80	.9	
	LEAR	14	0633	0703	0911	S24	W22	4171	05	12.6	158	1N		3	C		260		F
	MANI	14	0633	0704	0743	S24	W22	4171	05	12.6	70	1N		1	V		260	3.1	F
	BUCA	14	0640	0725U	0800	S29	W22	4171	05	12.5	80	1N			C	0725	322	3.9	E
	HTPR	14	0641		0719D	S31	W19	4171	05	12.8	38D	SN			C	0704	60	.7	
	PURP	14	0642	0650U	0714D	S26	W20	4171	05	12.7	32D	SN			C	0650	103	1.2	
	CATA	14	0645	0725	0810D	S31	W19	4171	05	12.8	85D	1			P	0725	225	2.8	
	CATA	14	0645	0725	0810D	S25	W23	4171	05	12.5	85D	1			P	0725	337	4.1	
	ATHN	14	0651	0708	0844	S27	W20	4171	05	12.7	113	SN		3	V	0708	64	.8	
	ABST	14	0652	0657	0703D	S26	W23	4171	05	12.5	11D	1N			P	0657	174	2.1	E
	MANI	14	0653	0707	0745	S27	W20	4171	05	12.7	52	1N		1	V		220	2.7	
	YUNN	14	0653	0720	0813	S26	W21	4171	05	12.6	80	2B			P		550	6.6	FW
	KANZ	14	0654E	0724	0816	S28	W21	4171	05	12.6	82D	1N		3					
	HTPR	14	0703		0719D	S30	W24	4171	05	12.4	16D	SN			C	0719	40	.5	
	MITK	14	0716E	0722	0729	S28	W20	4171	05	12.7	13D	2N			C	0722	680	8.3	F
	HTPR	14	0724E		0738D	S30	W23	4171	05	12.5	14D	SN			C	0734	40	.5	
	HTPR	14	0724E		0738D	S25	W21	4171	05	12.7	14D	SN			C	0734	100	1.1	
	HTPR	14	0724E		0738D	S31	W19	4171	05	12.8	14D	SN			C	0738	80	.9	
	MONT	14	0743E	0748	0838	S29	W20	4171	05	12.7	55D	2B			C	0748	900		H
	KANZ	14	0754	0857	0925	S25	W23	4171	05	12.5	91	SF		3					
	KHAR	14	0801E	0802	0851D	S27	W22	4171	05	12.6	50D	1F			P	0802	420	4.6	EH
0321		14	07249	07332	0745	S12	W71	4173	05	8.9	21	SB	M 1.8				106	3.6	DEF
	KANZ	14	0724	0735	0740	S12	W70	4173	05	9.0	16	SN		3					
	MANI	14	0725	0733	0751	S11	W70	4173	05	9.0	26	1B		1	V		142	3.1	
	LEAR	14	0725	0735	0752	S11	W70	4173	05	9.0	27	SB	M 1.8	3	C		107		F
	HTPR	14	0728		0738D	S12	W77	4173	05	8.5	10D	SN			C	0735	60		E
	ISTA	14	0730E		0738	S13	W68	4173	05	9.2	8D	SN							D
	YUNN	14	0730	0734	0743	S12	W73	4173	05	8.8	13	1B			P		79		
	ATHN	14	0730	0734	0748	S10	W68	4173	05	9.2	18	1B		3	V	0734	159	4.2	
	BUCA	14	0733	0734	0746	S12	W70	4173	05	9.0	13	SN			C	0734	86		E
0322		14	08352	0837*	0911	S11	W72	4173	05	8.9	36	SN	C 5.0				48		E
	LEAR	14	0835	0837	0907	S10	W71	4173	05	9.0	32	SN	C 5.0	3	C		27		
	KHAR	14	0836E	0841	0857D	S10	W73	4173	05	8.9	21D	SN			P	0837			E
	MONT	14	0836	0905	0920	S12	W70	4173	05	9.1	44	SN			C	0905	70		E
	KANZ	14	0837	0837	0907	S11	W72	4173	05	8.9	30	SN		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	Imp Xray	Imp See	Obs Type	Time (UT)	Area Measurement Apparent (10^{-6} Disk)	Area Measurement Corr (Sq Deg)	Remarks
0323		14	0956	09508	1008	S10	W64	4173	05	9.6	12	SN					56	1.3	D
	CATA	14	0945E	0950	1010	S10	W64	4173	05	9.6	25D	S			P	0950	84	2.0	
	KHAR	14	0955E	0957	1003D	S09	W64	4173	05	9.6	8D	SN			P	0957			D
	WEND	14	0956	0958	1006	S11	W64	4173	05	9.6	10	SN			C	0958	38	.9	
	YUNN	14	1001E	1001U	1005D	S11	W65	4173	05	9.5	4D	SN			P	1001	46	1.1	D
0324		14	1044	1046	1048	S12	W71	4173	05	9.1	4	SN					31		D
	WEND	14	1044	1046	1048	S11	W70	4173	05	9.2	4	SF			C	1046	31		
	KHAR	14	1046E	1046	1052D	S12	W72	4173	05	9.0	6D	SN			P				D
0325	HOLL	14	1413	1414	1420	S10	W70	4173	05	9.3	7	SN	C 3.2	3	C		38		
0326		14	1439	14391	1500	S10	W22	4172	05	12.9	21	SF					38		F
	KANZ	14	1439	1439	1449	S10	W22	4172	05	12.9	10	SF		3					
	HOLL	14	1439	1440	1511	S10	W21	4172	05	13.0	32	SF		3	C		38		F
0327	HOLL	14	1515	1532	1535	S10	W72	4173	05	9.2	20	SF		3	C		19		F
0328	HOLL	14	1535	1620	1655	S11	W68	4173	05	9.5	80	SN	C 5.1	3	C		78		F
0329	HOLL	14	1606	1607	1609	S11	W24	4172	05	12.9	3	SF		3	C		27		
0330	HOLL	14	1613	1615	1644	S30	W18	4171	05	13.3	31	SF		3	C		122		F
0331	HOLL	14	1615	1617	1627	N08	E45	4174	05	18.0	12	SF		3	C		25		
0332	HOLL	14	1620	1620	1630	S10	W24	4172	05	12.9	10	SN		3	C		39		F
0333		14	1635	1635*	1659	S11	W25	4172	05	12.8	24	SF					44		KS
	HOLL	14	1635	1635	1659	S11	W25	4172	05	12.8	24	SF		3	C		33		K
	HOLL	14	1635	1648	1659	S11	W25	4172	05	12.8	24	SF		3	C		56		SK
0334	PALE	14	1707	1708	1718	S08	W66	4175	05	9.8	11	SF		3	C		20		
0335		14	1806	18071	1817	S12	W72	4173	05	9.3	11	SB	C 2.2				58		
	HOLL	14	1806	1807	1818	S11	W72	4173	05	9.3	12	SB	C 2.2	3	C		63		
	PALE	14	1806	1808	1816	S14	W72	4173	05	9.3	10	SB		3	C		53		
0336		14	19174	1923*	1953	S11	W25	4172	05	12.9	36	SN	C 2.4				91		FK
	PALE	14	1917	1923	1944	S12	W25	4172	05	12.9	27	SN	C 2.4	3	C		98		F
	HOLL	14	1921	1923	1957	S11	W25	4172	05	12.9	36	SN	C 2.4	3	C		106		FK
	HOLL	14	1921	1944	1957	S11	W25	4172	05	12.9	36	SN		3	C		70		K
		14	2139		2144	No Flare Patrol													
0337		15	0018	00186	0036	S26	E80	4179	05	21.2	18	SF	C 1.5				134		AEFY
	MANI	15	0018	0018	0030	S26	E78	4179	05	21.1	12	SF		1	V				F
	LEAR	15	0019E	0019U	0029	S26	E78	4179	05	21.1	10D	SF	C 1.5	3	C				F
	PEKG	15	0020E	0024	0040	S26	E84	4179	05	21.5	20D	SN	C 1.5		P	0024	134		EY
	YUNN	15	0030E	0030U	0045	S24	E79	4179	05	21.1	15D				P	0033			A
0338	LEAR	15	0212	0212	0226	N10	E38	4174	05	17.9	14	SF		3	C		37		
0339		15	02173	02201	0234	S10	W30	4172	05	12.8	17	1N					170	3.7	
	YUNN	15	0217	0221	0237	S10	W31	4172	05	12.8	20	1N			C		308	3.7	
	LEAR	15	0220	0220	0231	S10	W30	4172	05	12.8	11	SF		3	C		33		
0340	YUNN	15	0237	0240	0254	N08	E41	4174	05	18.2	17	SN			C		31	.4	D
0341		15	03258	03351	0346	S10	W30	4172	05	12.9	21	SN	C 2.1				150	2.1	EF
	YUNN	15	0325	0335	0343	S08	W30	4172	05	12.9	18	1N			C		308	3.7	E
	CULG	15	0328E	0333U	0333D	S11	W31	4172	05	12.8	5D	SN			P	0333	120	1.4	
	LEAR	15	0329	0336	0351	S11	W30	4172	05	12.9	22	SN	C 2.1	3	C		73		F
	PEKG	15	0333	0336	0343	S10	W31	4172	05	12.8	10	SN	C 2.1		C	0336	101	1.2	E
0342		15	0615*	0641*	0711	S11	W80	4173	05	9.2	56	SN	M 2.0				63		EF
	LEAR	15	0615	0641	0716	S12	W81	4173	05	9.1	61	SN	M 2.0	3	C				F
	KANZ	15	0638	0648	0717	S11	W83	4173	05	9.0	39	SN		3					
	MANI	15	0642	0642	0703	S10	W79	4173	05	9.3	21	1B		1	V				
	CATA	15	0645	0645	0720	S11	W78	4173	05	9.4	35	1			C	0645	84		
	PEKG	15	0647	0652	0659	S11	W82	4173	05	9.1	12	SF			C	0652	42		E

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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
0343		15	06483	06494	0709	S11	W31	4172	05	12.9	21	SF					42	.5	F
	KANZ	15	0648	0653	0712	S11	W32	4172	05	12.9	24	SF		3					
	MANI	15	0649	0649	0708	S11	W29	4172	05	13.1	19	SN		1	V		45	.5	F
	LEAR	15	0651	0652	0707	S11	W33	4172	05	12.8	16	SF		3	C		40		
0344	KANZ	15	0742	0742	0751	S28	E81	4179	05	21.6	9	SN		3					
0345		15	07483	07492	0810	S10	W33	4172	05	12.8	22	SF					45		F
	LEAR	15	0748	0749	0809	S10	W33	4172	05	12.8	21	SF		3	C		45		F
	KANZ	15	0751	0751	0811	S10	W33	4172	05	12.8	20	SF		3					
0346		15	0839*	0845*	0922	S12	W82	4173	05	9.2	43	1B	X 2.3				210		ACEFHJK
	LEAR	15	0839	0845	0909D	S11	W81	4173	05	9.3	30D	2B	X 2.3	2	C				F
	ISTA	15	0840E		0850	S13	W75	4173	05	9.7	10D	1B							EJ
	ATHN	15	0840	0845	0938	S10	W78	4173	05	9.5	58	2B		3	V	0845	302		
	KANZ	15	0841		0946	S11	W85	4173	05	9.0	65	1N		3					ACK
	PEKG	15	0845E	0850	0856	S10	W80	4173	05	9.3	11D	SB	X 2.3		P	0850	126		E
	CATA	15	0845	0900	0945	S12	W80	4173	05	9.3	60	2			C	0900	281		
	KHAR	15	0850E	0851	0945D	S10	W83	4173	05	9.1	55D	1N			P	0855	130		H
	LEAR	15	0852	0900	0902	S16	W91	4173	05	8.5	10	SF		3	C				
	ISTA	15	0911		0940	S13	W90	4173	05	8.6	29	1B							EJ
0347	KANZ	15	0935	0939	0955	N10	E42	4182	05	18.5	20	SF		3					
0348		15	1553	15571	1606	S12	W80	4173	05	9.6	13	SN	C 1.8				48		F
	HOLL	15	1553	1557	1604	S11	W81	4173	05	9.6	11	SN	C 1.8	3	C		48		F
	KANZ	15	1553	1558	1607	S12	W80	4173	05	9.6	14	SN		3					
0349	HOLL	15	1608	1612	1622	S12	W80	4173	05	9.6	14	1N	C 3.3	3	C		108		F
0350	HOLL	15	1743	1753	1805	S12	W80	4173	05	9.7	22	SF	C 2.0	3	C		19		
0351	PALE	15	1933	1933	1947	S11	W40	4172	05	12.8	14	SF		3	C		26		
0352	HOLL	15	2224	2225	2242	S10	W82	4173	05	9.8	18	SF	C 2.0	3	C		30		
0353		15	22531	22551	2304	S10	W18	4176	05	14.6	11	SN	C 1.9				64	.8	F
	CULG	15	2253	2255	2303	S11	W18	4176	05	14.6	10	SF			C	2255	80	.8	
	HOLL	15	2254	2256	2304	S09	W17	4176	05	14.7	10	SN	C 1.9	3	C		48		F
0354	PEKG	15	2350	2355	2401	S09	W17	4176	05	14.7	11	SF			P	2355	34	.4	E
0355		16	0020*	0056*	0124	S11	W90	4173	05	9.2	64	SF					109		ADH
	PEKG	16	0020	0110	0130	S06	W90	4173	05	9.3	70	SN			C	0110	84		A
	VORO	16	0054	0056	0110	S14	W90	4173	05	9.2	16	SF			C	0056	134		DH
	LEAR	16	0111	0122	0132	S12	W90	4173	05	9.3	21	SF		3	C				
0356		16	08023	08032	0811	S30	W40	4171	05	13.2	9	SF					42	.7	
	WEND	16	0802	0805	0811	S30	W40	4171	05	13.2	9	SF			C	0805	38	.6	
	LEAR	16	0803	0803	0812	S30	W39	4171	05	13.3	9	SF		3	C		33		
	CATA	16	0805	0805	0810	S31	W40	4171	05	13.2	5	S			C	0805	56	.8	
0357		16	0822	0823	0842	S10	W48	4172	05	12.7	20	SF					44	.9	E
	KHAR	16	0818E		0842D	S11	W47	4172	05	12.8	24D	SF			P	0832	60	.9	E
	LEAR	16	0822	0823	0842	S10	W48	4172	05	12.7	20	SF		3	C		29		
0358	KHAR	16	0931E		0941D	S11	W47	4172	05	12.9	10D	SF			P				E
0359	KHAR	16	0944E		0957D	S34	W42	4171	05	13.0	13D	SF			P	0947	30	.5	
0360	KHAR	16	0957E		1200D	S28	E64	4179	05	21.4	123D	SF			P				D
0361	KHAR	16	1141E	1144	1151D	S30	W42	4171	05	13.2	10D	SF			P	1144	50	.8	E
0362		16	1405	1405	1415	S10	W90	4173	05	9.8	10	SN	M 1.3						
	KANZ	16	1405	1405	1409	S12	W90	4173	05	9.8	4	SF		3					
	HOLL	16	1405E	1405U	1421	S09	W90	4173	05	9.8	16D	SB	M 1.3	3	C				

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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
0363	HOLL	16	1536	1539	1617	S32	W53	4171	05	12.4	41	SN	C 2.1	3	C		69		
0364		16	1629	1633*	1833	S29	W54	4171	05	12.4	124	SN	C 5.7				108		FKU
	HOLL	16	1629	1633	1833	S29	W54	4171	05	12.4	124	SN	C 5.7	3	C		123		UFK
	HOLL	16	1629	1719	1833	S29	W54	4171	05	12.4	124	SF		3	C		92		K
0365	HOLL	16	1708	1710	1717	S10	W27	4176	05	14.7	9	SF		3	C		37		
0366	HOLL	16	2154	2156	2215	S07	W31	4176	05	14.6	21	SF		3	C		36		F
0367	HOLL	16	2156	2158	2214	S28	W48	4171	05	13.2	18	SF		3	C		44		
0368		16	22461	22501	2302	S26	E50	4179	05	20.8	16	1B	C 1.3				189	2.4	E
	HOLL	16	2246	2251	2304	S27	E50	4179	05	20.8	18	1B	C 1.3	3	C		228		E
	CULG	16	2247	2250	2301	S24	E51	4179	05	20.9	14	1N			C	2250	150	2.4	
0369		17	05203	05235	0540	S10	W34	4176	05	14.7	20	SF	C 1.0				36	.4	
	LEAR	17	0520	0523	0545	S09	W35	4176	05	14.6	25	SF	C 1.0	3	C		33		
	CULG	17	0523	0528	0536	S10	W33	4176	05	14.7	13	SF			C	0528	40	.4	
0370	LEAR	17	0536	0547	0549	S10	W57	4172	05	12.9	13	SF		3	C		42		
0371		17	1214	1235	1245	S11	W64	4172	05	12.7	31	SF					38		
	KHAR	17	1201E		1205D	S10	W66	4172	05	12.5	4D	SF			P				
	RAMY	17	1214	1235	1245	S12	W61	4172	05	12.9	31	SF		3	C		38		
0372		17	1623	1627	1632	N16	E82	4183	05	23.9	9	SF					20		
	HOLL	17	1623	1627	1632	N15	E86	4183	05	24.2	9	SF		3	C		13		
	RAMY	17	1623	1627	1633	N18	E77	4183	05	23.5	10	SF		3	C		26		
0373		17	1636	16371	1644	S24	E44	4188A	05	21.1	8	SN					84		
	HOLL	17	1636	1637	1644	S25	E44	4188A	05	21.1	8	SN		3	C		76		
	RAMY	17	1636	1638	1644	S23	E43	4188A	05	21.0	8	SN		3	C		92		
0374		17	1729	17311	1741	N16	E82	4183A	05	23.9	12	SN					42		
	HOLL	17	1729	1731	1742	N15	E85	4183A	05	24.2	13	SN		3	C		40		
	RAMY	17	1729	1732	1740	N16	E79	4183A	05	23.7	11	SN		3	C		45		
0375	PALE	17	1817	1820	1822	S13	W65	4172	05	12.8	5	SF		3	C		19		
0376	HOLL	17	1903	1907	1915	N16	E82	4183A	05	24.0	12	SF		3	C		20		F
0377	HOLL	17	2115	2124	2128	N15	E76	4183	05	23.6	13	SF		3	C		36		F
0378		18	02062	02083	0218	S28	W61	4171	05	13.3	12	SF					33	.8	F
	CULG	18	0206	0208	0218	S30	W59	4171	05	13.4	12	SF			C	0208	40	.8	F
	LEAR	18	0208	0211	0217	S28	W62	4171	05	13.2	9	SF		3	C		28		F
	YUNN	18	0211E	0211U	0220	S26	W62	4171	05	13.3	9D	SN			P	0211	31	.7	
0379	PEKG	18	0300	0307	0320D	N16	E78	4183A	05	24.0	20D	SN			C	0307	147		AF
0380		18	0405	0420*	0525	N16	E76	4183A	05	23.9	80	SN					84		EK
	PEKG	18	0405	0420	0525	N16	E76	4183A	05	23.9	80	SN			C	0420	84		EK
	PEKG	18	0405	0459	0525	N16	E76	4183A	05	23.9	80	SN			C	0459	84		E
0381	PEKG	18	0453	0459	0507	S11	W48	4176	05	14.6	14	SF			C	0459	63	1.0	E
0382		18	05371	0544	0550	N16	E70	4183	05	23.5	13	1N	C 2.2				97		E
	PEKG	18	0537	0544	0550	N15	E72	4183	05	23.7	13	SN	C 2.2		C	0544	84		E
	CULG	18	0538	0544	0551	N18	E67	4183	05	23.3	13	1N			C	0544	110		
0383		18	0732*	0732*	0809	N18	E72	4183A	05	23.8	37	SF					50		E
	LEAR	18	0732	0732	0738	N17	E70	4183A	05	23.6	6	SF		3	C		44		
	KANZ	18	0733	0754	0812	N19	E75	4183A	05	24.0	39	SN		3					
	CATA	18	0745	0750	0800	N17	E73	4183A	05	23.9	15	S			C	0750	56		
	PEKG	18	0753	0758	0810	N17	E72	4183A	05	23.8	17	SN			C	0758	67		E
	LEAR	18	0754	0756	0806	N18	E70	4183A	05	23.6	12	SF		3	C		30		
	PEKG	18	0805	0822	0850	N17	E74	4183A	05	24.0	45	SF			C	0822	55		E

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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
0384		18	08332	08352	0850	S26	E26	4179	05	20.4	17	SF					20	.2	EG
	HTPR	18	0833	0837	0855	S26	E26	4179	05	20.4	22	SF			C	0837	20	.2	E
	KANZ	18	0835	0835	0845	S27	E26	4179	05	20.4	10	SF		3					G
0385		18	0835*	09146	0931	N18	E68	4183	05	23.5	56	1N					110		HKL
	KANZ	18	0835	0920	1158D	N19	E68	4183	05	23.5	203D	2N		1					KH
	MONT	18	0902	0914	0931	N16	E67	4183	05	23.4	29	SN			C	0914	110		L
0386	HTPR	18	0923	0929	0943	S05	W27	4177	05	16.4	20	SF			C	0929	40	.4	
0387	HTPR	18	1023	1051	1058	N18	E69	4183	05	23.7	35	SN			C	1051	40	.9	
0388	KHAR	18	1039E	1041	1053D	N34	E74		05	24.3	14D	SF			V	1041			D
0389	RAMY	18	1059	1126	1127D	N15	E63	4183	05	23.2	28D	1N		3	C		160		
0390	ATHN	18	1153E	1153	1214	N17	E71	4183A	05	23.9	21D	1N		2	V	1153	111	3.4	
0391	HTPR	18	1219	1239	1252	N18	E68	4183	05	23.7	33	SN			C	1239	40	.9	
0392		18	1304*	1321*	1401	N18	E68	4183	05	23.7	57	1N	C 1.4				134	1.3	BEFKL
	HOLL	18	1304	1321	1422	N17	E68	4183	05	23.7	78	1N		3	C		223		K
	HOLL	18	1304	1355	1422	N17	E68	4183	05	23.7	78	1B	C 1.4	3	C		151		K
	HTPR	18	1305		1309D	N18	E68	4183	05	23.7	4D	SF			C	1309	20	.4	
	MONT	18	1311	1322	1332	N19	E70	4183	05	23.9	21	1B			C	1322	250		L
	RAMY	18	1312	1321	1333	N19	E69	4183	05	23.8	21	SN	C 5.5	3	C		120		F
	KANZ	18	1320E		1320D	N19	E70	4183	05	23.9	21D	SB		3					
	HTPR	18	1326E		1329D	N18	E68	4183	05	23.7	3D	1N			C	1326	100	2.2	BE
	RAMY	18	1353	1355	1418	N19	E66	4183	05	23.6	25	SN	C 2.8	3	C		77		
0393	HOLL	18	1311	1316	1333	S27	E47	4181	05	22.2	22	SF		3	C		27		
0394		18	1427*	1428*	1519	N17	E68	4183	05	23.8	52	SN	C 2.6				78		K
	HOLL	18	1427	1428	1435	N17	E70	4183	05	23.9	8	SF		3	C		33		
	HOLL	18	1437	1448	1457	N17	E69	4183	05	23.8	20	SB	C 2.6	3	C		86		
	RAMY	18	1441	1448	1536	N18	E66	4183	05	23.6	55	SB	C 2.6	3	C		119		K
	RAMY	18	1441	1532	1536	N18	E66	4183	05	23.6	55	SN	C 2.3	3	C		47		K
	HOLL	18	1524	1533	1550	N16	E69	4183	05	23.9	26	SF	C 2.3	3	C		108		
0395		18	1618*	1622*	1722	N16	E65	4183	05	23.6	64	SN	C 1.7				72		EFK
	RAMY	18	1618	1622	1659	N17	E64	4183	05	23.5	41	SF		3	C		44		K
	RAMY	18	1618	1652	1659	N17	E64	4183	05	23.5	41	SN	C 1.7	3	C		100		K
	HOLL	18	1621	1653	1659	N17	E69	4183	05	23.9	38	SN	C 1.7	3	C		88		
	PALE	18	1700	1719	1730D	N19	E66	4183	05	23.7	30D	SB	C 2.9	3	C		88		
	RAMY	18	1707	1718	1736	N16	E65	4183	05	23.6	29	SN	C 2.9	3	C		84		F
	HOLL	18	1710	1719	1743	N14	E67	4183	05	23.8	33	SB	C 2.9	3	C		76		E
	RAMY	18	1738	1739	1753	N13	E59	4183	05	23.2	15	SF		3	C		23		
0396	RAMY	18	1801	1804	1816	N17	E65	4183	05	23.7	15	SF		3	C		26		
0397		18	1809	1810	1824	S25	E44	4181	05	22.2	15	SN					47		F
	HOLL	18	1809	1810	1820	S26	E45	4181	05	22.2	11	SN		3	C		43		
	RAMY	18	1809	1810	1828	S24	E44	4181	05	22.1	19	SN		3	C		51		F
0398		18	1826*	1829*	1848	N16	E65	4183	05	23.7	22	SN	C 3.0				71		FK
	RAMY	18	1826	1829	1935D	N16	E65	4183	05	23.7	69D	SN		3	C		72		K
	RAMY	18	1826	1851	1935D	N16	E65	4183	05	23.7	69D	SN	C 3.0	3	C		124		K
	HOLL	18	1827	1829	1836	N14	E65	4183	05	23.7	9	SN		3	C		38		
	HOLL	18	1845	1854	1859	N17	E66	4183	05	23.8	14	SN	C 3.0	3	C		49		F
0399	HOLL	18	1942	1945	1951	N16	E67	4183	05	23.9	9	SN		3	C		33		F
0400	HOLL	18	2248	2248	2258	S25	E25	4179	05	20.9	10	SN		3	C		26		
0401	LEAR	19	0029	0116	0140	N17	E64	4183	05	23.9	71	SF		3	C		54		
0402	LEAR	19	0153	0155	0249	N15	E55	4183	05	23.2	56	SF		3	C		81		F

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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
0403	YUNN	19	0251E	0251U	0251D	S09	W59	4176	05	14.7	56D	SN			P	0251	31	.6	
0404	ABST	19	0457	0501	0509	S08	W63	4176	05	14.5	12	SF			C	0501	87		D
0405		19	05441	05462	0552	S24	E22	4188A	05	20.9	8	SF					60	1.1	DH
	ABST	19	0544	0546	0552	S23	E23	4188A	05	21.0	8	SF			C	0546	96	1.1	D
	LEAR	19	0545	0548	0553	S25	E21	4188A	05	20.9	8	SF		3	C		25		H
0406	HTPR	19	0555E		0645	S25	E37	4181	05	22.1	50D	SF			C	0634	20	.3	E
0407		19	07541	07554	0810	S08	W64	4176	05	14.5	16	1F	C 1.3				96	4.0	
	LEAR	19	0754	0759	0811	S07	W64	4176	05	14.5	17	SF	C 1.3	3	C		24		
	CATA	19	0755	0755	0810	S09	W64	4176	05	14.5	15	1			C	0755	169	4.0	
0408	KHAR	19	0821E	0822	0826D	S22	W61	4184	05	14.6	5D	SF			V	0822			H
0409	KHAR	19	0840E	0841	0854D	N02	E90		05	26.1	14D	SF			P	0841			D
		19	0932		0935	No Flare Patrol													
0410	HTPR	19	0936E		0945	N18	E54	4183	05	23.5	9D	SF			C	0940	30	.5	EH
0411	HTPR	19	1002	1016	1019	N16	E53	4183	05	23.4	17	SF			C	1016	30	.5	E
0412		19	1014	1017	1033	S26	E34	4181	05	22.1	19	SB					70	.9	E
	HTPR	19	1014	1017	1033	S25	E34	4181	05	22.1	19	SB			C	1017	40	.5	E
	KHAR	19	1020E		1028D	S26	E35	4181	05	22.1	8D	SN			P	1025	100	1.3	
0413		19	10556	1109*	1136	N17	E56	4183	05	23.7	41	SN	C 1.8				108	.6	EK
	RAMY	19	1055	1109	1136	N17	E57	4183	05	23.8	41	1N	C 1.8	3	C		150		K
	RAMY	19	1055	1112	1136	N17	E57	4183	05	23.8	41	SN	C 1.8	3	C		133		K
	HTPR	19	1101	1130	1135	N16	E53	4183	05	23.5	34	SN			C	1130	40	.6	E
0414	KHAR	19	1125E	1127	1138D	N27	W49		05	15.6	13D	SF			V	1127			H
0415	RAMY	19	1144	1147	1241	N17	E57	4183	05	23.8	57	SN		3	C		79		
0416	RAMY	19	1247	1259	1302	N16	E53	4183	05	23.5	15	SF		3	C		85		
0417	RAMY	19	1307	1318	1337	N16	E59	4183	05	24.0	30	SN		3	C		95		
0418		19	15573	15591	1606	S25	E32	4181	05	22.1	9	SF					38	.3	
	HTPR	19	1557	1559	1606	S25	E32	4181	05	22.1	9	SF			C	1559	30	.3	
	HOLL	19	1559	1600	1607	S26	E32	4181	05	22.1	8	SN		3	C		45		
	KANZ	19	1600	1600	1606	S25	E33	4181	05	22.2	6	SF		3					
0419		19	16285	16332	1638	N18	E54	4183	05	23.8	10	SN					56	.8	E
	HTPR	19	1628	1633	1637	N18	E51	4183	05	23.6	9	SN			C	1633	50	.8	E
	HOLL	19	1633	1635	1639	N17	E56	4183	05	23.9	6	SN		3	C		61		
0420	RAMY	19	1849	1905	1926D	N15	E56	4183	05	24.0	37D	SN	C 1.3	3	C		28		F
0421		19	2054*	2101	2121	N17	E54	4183	05	24.0	27	SF	C 2.2				28		
	HOLL	19	2054	2101	2107	N17	E55	4183	05	24.0	13	SF		3	C		38		
	HOLL	19	2110	2110U	2135	N17	E54	4183	05	24.0	25	SF	C 2.2	2	C		18		
0422	HOLL	19	2139	2141	2153	N17	E52	4183	05	23.8	14	SN	C 2.4	2	C		134		F
0423		19	2317	2323*		N15	E54	4183	05	24.0		SN					29		FK
	HOLL	19	2317	2323		N15	E54	4183	05	24.0		SF		3	C		29		K
	HOLL	19	2317	2341		N15	E54	4183	05	24.0		SN		3	C		29		FK
0424		20	0024*	0037*	0107	N18	E51	4183	05	23.9	43	SB	C 4.5				97	1.4	DEF
	YUNN	20	0024	0037	0044	N18	E50	4183	05	23.8	20	SN			C		38	.7	D
	MANI	20	0024	0041	0051D	N17	E51	4183	05	23.9	27D	SB		1	V		47	.8	
	HOLL	20	0024	0047	0119	N17	E51	4183	05	23.9	55	SB	C 4.5	2	C		146		F
	PURP	20	0027	0103	0106D	N17	E53	4183	05	24.0	39D	SB			P	0103	55	1.0	E
	MANI	20	0029	0043	0051D	N18	E49	4183	05	23.7	22D	SB		1	V		85	1.4	
	LEAR	20	0029	0047	0118	N19	E51	4183	05	23.9	49	SB	C 4.5	3	C		124		FE
	YUNN	20	0035	0047	0108	N18	E52	4183	05	24.0	33	1N			C		185	3.3	

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0425	YUNN	20	0110	0114	0124	S20	W65	4184	05	15.1	14	1N			P		123		
0426		20	0140	01402	0155	N18	E54	4183	05	24.2	15	SB					50	1.4	D
	LEAR	20	0140	0140	0155	N19	E54	4183	05	24.2	15	SN		3	C		23		
	PURP	20	0140	0142	0211D	N17	E55	4183	05	24.2	31D	SB			C	0142	76	1.4	D
0427	ABST	20	0404	0405	0407	N07	E43	4190A	05	23.4	3	SF			C	0405	87	1.3	DJV
0428		20	0407*	0411*	0432	N16	E48	4183	05	23.8	25	SF					86	1.8	DEJV
	ABST	20	0407	0411	0420	N16	E52	4183	05	24.1	13	1F			C	0411	131	2.3	EJ
	ABST	20	0427	0428	0430	N15	E45	4183	05	23.6	3	SF			C	0428	87	1.3	DJV
	LEAR	20	0432	0437	0447	N17	E46	4183	05	23.7	15	SF		3	C		39		
0429	ABST	20	0501	0503	0512	N15	E54	4183	05	24.3	11	1F			P	0503	131	2.4	DJ
0430		20	05139	0515*	0541	S20	E79	4185	05	26.2	28	1N	C 4.7				134		AGH
	TACH	20	0513	0515	0535	S20	E80	4185	05	26.3	22	2N			C	0515	221		A
	LEAR	20	0522	0527	0544	S20	E78	4185	05	26.2	22	SN	C 4.7	3	C				
	PURP	20	0528E	0528	0545	S21	E80	4185	05	26.4	17D	1B			C	0528	48		HG
0431		20	0525	05253	0542	N18	E48	4183	05	23.9	17	SN					38	.8	F
	LEAR	20	0525	0525	0530	N18	E48	4183	05	23.9	5	SN		3	C		28		F
	PURP	20	0528E	0528	0554	N18	E49	4183	05	23.9	26D	SN			C	0528	48	.8	
0432		20	0620*	0636*	0705	N16	E46	4183	05	23.7	45	SF					78	1.3	DEJV
	ATHN	20	0620	0636	0730	N14	E52	4183	05	24.2	70	1N		3	V	0636	127	2.2	
	ABST	20	0647	0648	0652	N17	E43	4183	05	23.5	5	SF			C	0648	87	1.3	DJV
	HTPR	20	0649	0651	0654	N16	E43	4183	05	23.5	5	SF			C	0651	20	.3	E
0433		20	0749*	08046	0817	N18	E44	4183	05	23.7	28	1N					126	2.4	E
	KANZ	20	0749	0809	0814	N19	E44	4183	05	23.7	25	1N		2					
	CATA	20	0800	0810	0825	N17	E45	4183	05	23.7	25	1			C	0810	169	2.6	
	MONT	20	0802E	0804	0811	N18	E44	4183	05	23.7	9D	SF			C	0804	50		E
	KHAR	20	0805E		0821D	N20	E43	4183	05	23.6	16D	1N			P	0805	160	2.3	E
0434	KHAR	20	0925E		0935D	N09	W33	4174	05	17.9	10D	SF			P				E
0435	KANZ	20	0929	0929	0939	N18	E41	4183	05	23.5	10	SF		1					
0436	KHAR	20	0958E	1005	1018D	N16	E48	4183	05	24.0	20D	SN			P	1005	80	1.2	D
0437	KHAR	20	1018E			N10	W31	4174	05	18.1	D	SF			P				D
0438	KANZ	20	1038E		1038D	N18	E41	4183	05	23.6	822D	SN		2					
0439	KANZ	20	1119	1129	1134	S21	E80	4187	05	26.6	15	SN		1					
0440	KHAR	20	1138E		1140D	N17	E47	4183	05	24.0	2D	SF			P				
0441	HOLL	20	1412	1412	1422	N10	W34	4174	05	18.0	10	SF		3	C		18		
0442	HOLL	20	1437	1444	1505	N16	E46	4183	05	24.1	28	SF	C 1.5	3	C		50		
0443		20	1504	1509	1528	S20	E76	4185	05	26.4	24	1N	C 4.1				143		ABF
	HOLL	20	1504	1509	1528	S22	E79	4185	05	26.7	24	1F	C 4.1	3	C		143		F
	KANZ	20	1518E		1518D	S19	E73	4185	05	26.2	24D	SN		3					AB
0444	HOLL	20	1704E	1704U	1740	N14	E48	4183	05	24.3	36D	SB	C 3.7	3	C		100		E
0445	LEAR	21	0117	0119	0123	N18	E38	4183	05	23.9	6	SF		3	C		23		F
0446	LEAR	21	0140	0143	0159	N17	E39	4183	05	24.0	19	SF		3	C		18		
0447	LEAR	21	0335	0340	0351	N16	E40	4183	05	24.2	16	SF		3	C		39		
0448	ABST	21	0431	0441	0452	N13	W36	4182	05	18.5	21	SF			P	0441	79	1.1	DJ
0449	ABST	21	0448	0452	0513	N19	E30	4183	05	23.5	25	1N			P	0452	288	3.7	FJ

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0450	ABST	21	0513	0515	0527	N20	E37	4183	05	24.0	14	1N			C	0515	175	2.5	EJ
0451	YUNN	21	0745	0750	0805	N18	E33	4183	05	23.8	20	SN			C		46	.6	E
0452	YUNN	21	0753	0754	0801	S19	E63	4185	05	26.1	8	SN			C		23	.5	
0453	RAMY	21	1110	1113	1136	N19	E32	4183	05	23.9	26	SN	C 1.9	3	C		77		
0454		21	13401	13406	1414	N17	E32	4183	05	24.0	34	SN	C 2.2				80	1.4	EF
	RAMY	21	1340	1340	1401	N19	E31	4183	05	23.9	21	SN	C 2.2	3	C		43		F
	HOLL	21	1341	1345	1412	N17	E33	4183	05	24.1	31	SN	C 2.2	3	C		50		F
	ATHN	21	1346E	1346	1352D	N17	E34	4183	05	24.1	6D	SN		1	V	1346	127	1.7	
	HTPR	21	1355E		1430	N16	E31	4183	05	23.9	35D	SF			C	1357	100	1.2	E
0455	HOLL	21	1659	1714	1731	S19	E71	4187	05	27.1	32	SF		3	C		23		F
0456	HOLL	21	1727	1729	1743	N18	E23	4183	05	23.5	16	SN	C 1.1	3	C		42		F
		21	1816		1819	No Flare Patrol													
		21	1829		1840	No Flare Patrol													
0457	HOLL	21	1947	1947	2002	N15	E31	4183	05	24.2	15	SF	C 1.2	3	C		47		F
0458	HOLL	21	1957	1958	2007	N11	W52	4174	05	17.9	10	SF	C 1.3	3	C		85		F
0459	HOLL	21	2032	2035	2051	S18	E56	4185	05	26.1	19	SN	C 1.1	3	C		96		
0460	HOLL	21	2128	2129	2139	N19	E25	4183	05	23.8	11	SN	C 1.7	3	C		99		F
0461	HOLL	21	2144	2153	2206	N14	E22	4183	05	23.6	22	SF		3	C		41		F
0462		22	0334	0338*	0427	N15	E24	4183	05	24.0	53	SN	C 3.7				204	2.9	EFK
	MITK	22	0334	0338	0409D	N16	E25	4183	05	24.0	35D	SN			C	0338			E
	PALE	22	0336E	0338	0411D	N15	E25	4183	05	24.0	35D	SN	C 3.7	3	C		162		FE
	LEAR	22	0336E	0340	0416	N16	E24	4183	05	24.0	40D	SN	C 3.7	2	C		160		F
	YUNN	22	0337E	0337U	0352	N15	E26	4183	05	24.1	15D	1B			P	0337	231	2.8	F
	ABST	22	0357E	0405	0514	N15	E22	4183	05	23.8	77D	1N			P	0405	262	3.0	FK
0463	YUNN	22	0517	0519	0535	N15	E16	4183	05	23.4	18	SN			C		15	.2	D
0464	YUNN	22	0603	0606	0622	S20	E63	4187	05	27.1	19	SN			C		46	1.1	
0465		22	0840E	0913	1040D	N18	E13	4183	05	23.3	120D	SN					105	1.2	EH
	KHAR	22	0840E		0852D	N18	E13	4183	05	23.3	12D	SF			P	0840	30	.3	H
	KHAR	22	0903E	0913	1040D	N19	E13	4183	05	23.4	97D	SN			P	0913	180	2.0	EH
0466	KHAR	22	0956E		1009D	S30	W16	4179	05	21.1	13D	SF			P				
0467		22	1220	1224	1252	N16	E22	4183	05	24.2	32	SB	C 3.6				122		F
	HOLL	22	1219E	1221U	1254	N16	E22	4183	05	24.2	35D	SB	C 3.6	2	C		89		F
	RAMY	22	1220	1224	1250	N16	E22	4183	05	24.2	30	SB	C 3.6	3	C		155		
0468	HOLL	22	1356	1356	1410	N19	E17	4183	05	23.9	14	SN		3	C		43		F
0469	RAMY	22	1437	1444	1540	S19	E50	4185	05	26.4	63	SF		3	C		25		
0470		22	1452*	1502*	1600	N16	E17	4183	05	23.9	68	SF	C 2.2				48		FK
	RAMY	22	1452	1502	1520	N17	E14	4183	05	23.7	28	SF	C 2.2	3	C		61		
	HOLL	22	1453	1534	1621	N16	E19	4183	05	24.1	88	SF		3	C		45		K
	HOLL	22	1453	1544	1621	N16	E19	4183	05	24.1	88	SF		3	C		58		FK
	RAMY	22	1542	1545	1556	N16	E17	4183	05	23.9	14	SF		3	C		27		
0471	HOLL	22	1508	1509	1519	S29	W18	4179	05	21.2	11	SF		3	C		20		
0472	HOLL	22	1610	1622	1629	S19	E57	4187	05	27.0	19	SN		3	C		26		F
0473	HOLL	22	1709	1711	1718	S20	E56	4187	05	27.0	9	SN		3	C		16		

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0474	HOLL	22	1732	1732	1742	S19	E56	4187	05	27.0	10	SN		3	C		22		
0475	HOLL	22	1746	1747	1754	N17	E18	4183	05	24.1	8	SN		3	C		58		F
0476		22	1806	1806*	1909	N17	E18	4183	05	24.1	63	SN					72		K
	HOLL	22	1806	1806	1909	N17	E18	4183	05	24.1	63	SF		3	C		23		K
	HOLL	22	1806	1823	1909	N17	E18	4183	05	24.1	63	SN		3	C		122		K
0477		22	1814	18157	1911	S20	E55	4187	05	27.0	57	SN					18		K
	HOLL	22	1814	1815	1911	S20	E55	4187	05	27.0	57	SN		3	C		20		K
	HOLL	22	1814	1822	1911	S20	E55	4187	05	27.0	57	SN		3	C		17		K
0478	HOLL	22	2004	2005	2015	S30	W21	4179	05	21.2	11	SF		3	C		26		
0479	HOLL	22	2033	2050	2107D	N17	E18	4183	05	24.2	34D	SF	C 2.4	3	C		33		
0480	HOLL	22	2204	2210	2229	S19	E53	4187	05	27.0	25	SN		3	C		16		
0481		22	23191	23202	2344	N17	E16	4183	05	24.2	25	SN	C 1.5				107	2.0	EFJ
	VORO	22	2319	2320	2349	N17	E15	4183	05	24.1	30	SN			C	2320	179	2.0	EJ
	HOLL	22	2320	2322	2338	N17	E16	4183	05	24.2	18	SN	C 1.5	3	C		35		F
0482	YUNN	23	0056	0100	0120	N10	E90	4191	05	29.8	24				C				A
0483	VORO	23	0115	0116	0120	S18	E48	4187	05	26.7	5	SF			C	0116	90	1.4	D
0484	YUNN	23	0133	0140	0152	N11	E90	4191	05	29.8	19				C				A
0485		23	01377	0142*	0205	S16	E52	4187	05	27.0	28	SN					60	1.0	DFK
	YUNN	23	0137	0142	0213	S14	E54	4187	05	27.1	36	SB			C		46	.8	F
	YUNN	23	0137	0152	0213	S16	E54	4187	05	27.2	36	SB			C		62	1.1	K
	VORO	23	0144	0144	0148	S18	E48	4187	05	26.7	4	SF			C	0144	72	1.1	D
0486	YUNN	23	0202	0204	0220	S24	W12	4181	05	22.1	18	SN			C		92	1.0	
0487	ABST	23	0424E	0447	0456D	S19	E50	4187	05	27.0	32D	SF			P	0447	96	1.6	DJ
0488	LEAR	23	0534E	0547U	0726	S20	E48	4187	05	26.9	112D	SF		3	C		78		F
0489		23	0534E	0546U	0604	N18	E11	4183	05	24.1	30D	SN					44	.2	F
	LEAR	23	0534E	0546U	0615	N16	E13	4183	05	24.2	41D	SF		3	C		74		F
	YUNN	23	0546E	0546U	0554	N20	E09	4183	05	23.9	8D	SN			P	0546	15	.2	
0490		23	0736	0745	0820	S19	E48	4187	05	27.0	44	SN	C 1.0				98	2.0	EFHL
	YUNN	23	0736E	0736U	0741D	S19	E48	4187	05	27.0	5D	1N			P	0736	154	2.5	
	LEAR	23	0736	0745	0820	S19	E48	4187	05	27.0	44	SN	C 1.0	3	C		49		FH
	KHAR	23	0810E		0849D	S19	E47	4187	05	26.9	39D	SF			P	0815	90	1.5	EL
0491		23	0840	08411	0900D	N16	E09	4183	05	24.0	20D	SN	C 2.4				105	1.2	EFH
	YUNN	23	0840	0841U	0841D	N17	E11	4183	05	24.2	1D	SN			P	0841	154	1.7	
	LEAR	23	0840	0841	0842D	N15	E06	4183	05	23.8	2D	SN	C 2.4	3	C		90		F
	KHAR	23	0840E	0842	0900D	N16	E09	4183	05	24.0	20D	SN			P	0847	70	.8	EH
0492	KHAR	23	0922E		0940D	N08	W75	4174	05	17.8	18D	SF			V	0922			
0493		23	1051E	1107	1129	N16	E08	4183	05	24.0	38D	SF					24		E
	KHAR	23	1051E	1107	1121D	N17	E08	4183	05	24.0	30D	SF			P				E
	RAMY	23	1110E	1110U	1129	N16	E09	4183	05	24.1	19D	SF		3	C		24		
0494	RAMY	23	1144	1145	1158	S08	W47	4188	05	20.0	14	SF		3	C		35		
0495		23	1147	1151*	1253	S18	E46	4187	05	27.0	66	SN					109	1.9	K
	RAMY	23	1109E	1151	1313	S19	E46	4187	05	27.0	124D	1F		3	C		161		K
	RAMY	23	1109E	1251	1313	S19	E46	4187	05	27.0	124D	SN		3	C		38		K
	ATHN	23	1147	1151	1214	S17	E45	4187	05	26.9	27	SN		3	V	1151	127	1.9	
0496	RAMY	23	1301	1302	1310	N07	W74	4174	05	18.0	9	SN	C 1.3	3	C		61		

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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
0497	RAMY	23	1323	1324	1331	N19	E04	4183	05	23.9	8	SN	C 1.2	3	C		26		
0498		23	13391	13391	1348	N19	E02	4183	05	23.7	9	SN	C 1.2				30		F
	HOLL	23	1339	1339	1347	N19	E03	4183	05	23.8	8	SN	C 1.2	3	C		22		F
	RAMY	23	1340	1340	1349	N19	E02	4183	05	23.7	9	SN	C 1.2	3	C		39		
0499		23	14152	14171	1428	N08	W76	4174	05	17.9	13	SN					56		
	HOLL	23	1415	1418	1431	N09	W76	4174	05	17.9	16	SN		3	C		70		
	RAMY	23	1417	1417	1425	N07	W76	4174	05	17.9	8	SN		3	C		42		
0500		23	15102	15123	1528	N08	W75	4174	05	18.0	18	SF					19		
	HOLL	23	1510	1512	1528	N09	W76	4174	05	17.9	18	SF		3	C		20		
	RAMY	23	1512	1515	1527	N07	W74	4174	05	18.1	15	SF		3	C		18		
0501	HOLL	23	1535	1545	1604	N09	W77	4174	05	17.9	29	SF		3	C		26		
		23	1634		1653	No Flare Patrol													
0502	HOLL	23	1710	1719	1747	N18	E03	4183	05	23.9	37	SF	C 1.2	3	C		85		F
0503	HOLL	23	2053	2100	2159	S19	E41	4187	05	27.0	66	SF		3	C		39		F
0504		24	0011*	0013*	0051	N19	W00	4183	05	24.0	40	SN	C 1.4				32		
	HOLL	24	0011	0013	0051	N19	E00	4183	05	24.0	40	SN	C 1.4	3	C		36		
	LEAR	24	0039	0045	0051	N19	W01	4183	05	23.9	12	SF		3	C		29		
0505		24	01241	01251	0144	N18	W08	4183	05	23.4	20	SF	C 1.0				27	.2	
	CULG	24	0124	0125	0127D	N18	W09	4183	05	23.4	3D	SF			P	0125	20	.2	
	LEAR	24	0125	0126	0144	N19	W07	4183	05	23.5	19	SF	C 1.0	3	C		34		
0506	CULG	24	0435	0437U	0437D	S17	E25	4185	05	26.1	2D	SF			P	0437	60	.7	
0507	HOLL	24	1516	1521	1537	S16	E26	4187	05	26.6	21	SF	C 1.0	3	C		42		
0508	HOLL	24	1520	1520	1529	N18	W06	4183	05	24.2	9	SF		3	C		26		F
		24	1720		1750	No Flare Patrol													
		24	1844		1850	No Flare Patrol													
0509	HOLL	24	1928	1932	1941	S19	E29	4187	05	27.0	13	SF		3	C		25		
		24	1959		2108	No Flare Patrol													
0510	VORO	24	2342	2342	2348	S18	E12	4185	05	25.9	6	SN			C	2342	161	1.7	DI
0511		25	00415	00474	0102	S17	E27	4187	05	27.1	21	SF	C 1.2				99	1.1	DEFIJ
	VORO	25	0041	0047	0104	S19	E28	4187	05	27.2	23	1F			C	0047	206	2.5	EIJ
	YUNN	25	0044	0048	0100	S17	E27	4187	05	27.1	16	SN			C		92	1.1	D
	CULG	25	0046E	0046U	0054	S14	E27	4187	05	27.1	8D	SF			P	0046	40	.4	
	LEAR	25	0046	0048	0105	S16	E27	4187	05	27.1	19	SF	C 1.2	3	C		126		F
	PURP	25	0051E	0051	0108	S20	E27	4187	05	27.1	17D	SF			C	0051	32	.3	
0512		25	01251	0126	0138	N14	W21	4183	05	23.5	13	SN					28	.3	D
	YUNN	25	0125	0126	0136D	N14	W20	4183	05	23.5	11D	SN			P		15	.2	D
	CULG	25	0126	0127U	0138	N14	W22	4183	05	23.4	12	SF			C	0127	40	.4	
0513	LEAR	25	0145	0147	0206	N15	W13	4183	05	24.1	21	SF		3	C		50		F
0514		25	03563	0400	0425	N18	W18	4183	05	23.8	29	1N	C 3.6				332	4.8	EFK
	LEAR	25	0356	0400	0422	N18	W17	4183	05	23.9	26	SN	C 3.6	3	C		161		F
	TACH	25	0359	0400	0428	N18	W18	4183	05	23.8	29	2F			C	0400	575	6.5	E
	ABST	25	0400E	0400	0425	N18	W20	4183	05	23.6	25D	1N			P	0400	261	3.0	EK
0515	ABST	25	0400E	0400	0432	S18	E24	4187	05	27.0	32D	SN			P	0400	174	2.0	EK
0516	ABST	25	0656	0703	0708D	N18	W20	4183	05	23.8	12D	1F			P	0703	261	3.0	E
0517		25	07011	07032	0708	S19	E20	4187	05	26.8	7	SN					62	.7	DV
	KAND	25	0701	0705	0707	S20	E19	4187	05	26.7	6	SF			C		35	.4	D
	ABST	25	0702	0703	0708D	S18	E21	4187	05	26.9	6D	SN			P	0703	87	1.0	DV
	ATHN	25	0704E	0704	0709	S19	E20	4187	05	26.8	5D	SN		2	V	0704	64	.7	

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0518		25	0723E	07242	0739	S20	E20	4187	05	26.8	16D	SN						52	.6	D
	ATHN	25	0723E	0724	0739	S19	E20	4187	05	26.8	16D	SB			2	V	0724	80	.9	
	PURP	25	0726E	0726	0726D	S21	E20	4187	05	26.8	16D	SF				P	0726	24	.2	D
0519	KAND	25	0804	0806	0808	S20	E19	4187	05	26.8	4	SF				C		21	.2	D
0520		25	0839	0841	0850	S20	E23	4187	05	27.1	11	SN						37	.4	DEHK
	KHAR	25	0831E	0841	0924D	S18	E21	4187	05	26.9	53D	SF				P	0841	50	.6	EHK
	PURP	25	0839	0841	0850	S21	E25	4187	05	27.3	11	SB				C	0841	24	.2	D
0521	KHAR	25	0911E	0914	0937D	N19	W20	4183	05	23.8	26D	SF				P	0914	50	.6	E
0522	KHAR	25	0928E		0944D	S19	E11	4185	05	26.2	16D	SF				P	0934	20	.2	E
0523	KHAR	25	1114E	1127	1137D	S18	E20	4187	05	27.0	23D	SN				P	1127	100	1.1	E
0524		25	1158	11586	1211	N18	W21	4183	05	23.9	13	SN	C	1.1				32	.4	E
	KHAR	25	1154E	1158	1204D	N18	W22	4183	05	23.8	10D	SF				P	1158	30	.4	E
	RAMY	25	1158	1204	1211	N17	W20	4183	05	24.0	13	SN	C	1.1	3	C		34		
0525		25	1405*	1456*	1641	S18	E20	4187	05	27.1	156	1N	C	2.4				177	1.2	BEFK
	RAMY	25	1405	1456	1637D	S17	E19	4187	05	27.0	152D	1N	C	2.4	3	C		302		
	HOLL	25	1423	1456	1641	S18	E20	4187	05	27.1	138	1N	C	2.4	3	C		250		FK
	HOLL	25	1423	1635	1641	S18	E20	4187	05	27.1	138	SN			3	C		36		K
	HTPR	25	1510E		1519D	S18	E20	4187	05	27.1	9D	SN				C	1512	120	1.2	BE
		25	1522		1539	No Flare Patrol														
0526		25	1633	1642*	1726	N18	W22	4183	05	24.0	53	SF						66		K
	HOLL	25	1633	1642	1726	N18	W22	4183	05	24.0	53	SF			3	C		59		K
	HOLL	25	1633	1655	1726	N18	W22	4183	05	24.0	53	SF			3	C		74		K
		25	1800		1822	No Flare Patrol														
		25	1840		1850	No Flare Patrol														
0527	HOLL	25	2011E	2013U	2024	N19	W21	4183	05	24.2	13D	SN	C	1.1	3	C		29		F
		25	2047		2058	No Flare Patrol														
0528	HOLL	25	2059E	2059U	2109	N19	W22	4183	05	24.2	10D	SF			2	C		20		F
		25	2114		2118	No Flare Patrol														
0529	HOLL	25	2119E	2119U	2128	S17	E21	4187	05	27.5	9D	SF			2	C		22		
0530	PALE	25	2204E	2222U	2239D	S19	E14	4187	05	27.0	35D	SN	C	1.9	3	C		44		
0531		25	2346	2355	2430	N10	E50	4191	05	29.7	44	1N	C	2.2				144	1.9	EF
	LEAR	25	2346	2355	2430	N09	E52	4191	05	29.9	44	1F	C	2.2	2	C		164		F
	YUNN	26	0010E	0014U	0030	N10	E48	4191	05	29.6	20D	SN				P	0014	123	1.9	E
0532	LEAR	26	0024	0025	0040	N17	W26	4183	05	24.0	16'	SF			3	C		68		F
0533	LEAR	26	0117	0118	0123	N18	W30	4183	05	23.8	6	SF			3	C		58		
0534	ABST	26	0446	0448	0455	S05	E06	4198	05	26.6	9	SF				C	0448	175	1.8	D
0535	ABST	26	0452	0457	0523D	S19	E12	4187	05	27.1	31D	SF				P	0457	96	1.1	DJ
0536		26	0756	0757*	0806	N18	W32	4183	05	23.9	10	SF						26	.3	DF
	LEAR	26	0756	0757	0806	N18	W34	4183	05	23.7	10	SF			3	C		26		F
	KHAR	26	0810E	0823	0927D	N17	W31	4183	05	24.0	77D	SF				P	0823	25	.3	D
0537	KAND	26	1210	1218	1236	N10	E40	4191	05	29.5	26	SF				C		21	.3	E
0538		26	12471	1257	1322	N12	E40	4191	05	29.5	35	SF	C	1.2				70	1.1	
	HOLL	26	1247	1249U	1318	N12	E40	4191	05	29.5	31	SF	C	1.2	2	C		60		
	ATHN	26	1248	1257	1325	N12	E39	4191	05	29.5	37	SF			3	V	1257	80	1.1	

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		26	1659		1707	No Flare Patrol													
0539	HOLL	26	1719	1720	1729	S15	E05	4187	05	27.1	10	SF		3	C		49		
0540		26	1759	1800	1812	S11	W12	4193	05	25.8	13	SN					30		F
	RAMY	26	1759	1800	1807	S11	W12	4193	05	25.8	8	SF		3	C		25		F
	HOLL	26	1759	1800	1817	S11	W11	4193	05	25.9	18	SN		3	C		34		F
0541	HOLL	26	2011	2030	2047	S19	E02	4187	05	27.0	36	SF	C 1.1	3	C		41		F
0542	LEAR	26	2346	2355	2411D	S11	E35	4189A	05	29.6	25D	1F		2	C		164		F
0543	LEAR	27	0055	0059	0112	S10	W16	4193	05	25.8	17	SF		3	C		28		F
0544	LEAR	27	0837	0838	0849	S18	W03	4187	05	27.1	12	SF		3	C		34		
0545	ATHN	27	0912	0919	0943	S13	E31	4189A	05	29.7	31	SN		3	V	0919	127	1.6	
0546	HTPR	27	0915	0922	0956	N10	E30	4191	05	29.6	41	SF			C	0922	30	.3	E
0547	HTPR	27	1038	1049	1054	S18	W04	4187	05	27.1	16	SF			C	1049	30	.3	E
0548	HTPR	27	1108	1110	1115	S19	W05	4187	05	27.1	7	SF			C	1110	20	.2	
0549		27	1110	11178	1136	S10	E60	4196	06	1.0	26	SF					33	.7	
	HTPR	27	1110	1117	1136	S10	E59	4196	05	31.9	26	SF			C	1117	10	.2	
	CATA	27	1120E	1125	1135D	S09	E62	4196	06	1.1	15D	S			P	1125	56	1.2	
0550		27	1431	14321	1440	S13	W40	4186	05	24.6	9	SF					41	.8	
	HOLL	27	1431	1432	1439	S12	W41	4186	05	24.5	8	SF		3	C		22		
	HTPR	27	1431	1433	1442	S14	W40	4186	05	24.6	11	SF			C	1433	60	.8	
0551		27	16464	1659*	1831	S10	W25	4193	05	25.8	105	SN					145	1.5	EFK
	HTPR	27	1646		1733D	S10	W26	4193	05	25.7	47D	SN			C	1700	140	1.5	E
	RAMY	27	1646	1748	1827	S11	W25	4193	05	25.8	101	1N		3	C		238		F
	HOLL	27	1650	1659	1833	S09	W25	4193	05	25.8	103	SN		3	C		75		K
	HOLL	27	1650	1747	1833	S09	W25	4193	05	25.8	103	SN		3	C		126		FK
0552	HOLL	27	1807	1808	1832	S11	E72	4196A	06	2.2	25	SF		3	C		16		F
0553	HOLL	27	1854	1857	1914	S10	E57	4196	06	1.1	20	SF		3	C		53		F
0554	HOLL	27	2248	2248	2307	N16	W02	4189	05	27.8	19	SF		3	C		48		F
0555	VORO	27	2336	2336	2345	S17	W44	4186	05	24.6	9	SN			C	2336	108	1.5	D
0556	CULG	28	0412	0416U	0418D	S09	E66	4196A	06	2.1	6D	SF			P	0416	30	.5	
0557	CULG	28	0457	0458	0502	S13	W38	4192	05	25.3	5	SN			C	0458	20	.3	
0558	HTPR	28	0515	0518	0521	S04	W14	4195	05	27.2	6	SF			C	0518	30	.3	
0559		28	0521	05231	0540	S16	W17	4187	05	26.9	19	SF					35	.4	E
	CULG	28	0521	0523	0530	S16	W16	4187	05	27.0	9	SF			C	0523	40	.4	
	HTPR	28	0521	0524	0550	S16	W18	4187	05	26.8	29	SF			C	0524	30	.3	E
0560	HTPR	28	0539	0542	0546	S09	W37	4193	05	25.4	7	SF			C	0542	60	.7	E
0561	HTPR	28	0557	0559	0604	S15	W16	4187	05	27.0	7	SF			C	0559	20	.2	
0562		28	0713	0715	0722	S11	E63	4196A	06	2.0	9	SN					31	.7	D
	HTPR	28	0713	0715	0723	S11	E60	4196A	06	1.8	10	SN			C	0715	20	.4	
	YUNN	28	0714E	0714U	0716D	S12	E65	4196A	06	2.2	2D	SN			P	0714	31	.7	D
	BUCA	28	0715E		0720	S11	E65	4196A	06	2.2	5D	SN			C	0715	43	1.0	D
0563	CATA	28	0845	0910	0920	S12	E64	4196A	06	2.2	35	S			C	0910	56	1.3	
0564	HTPR	28	1239	1244	1250	S19	W20	4187	05	27.0	11	SF			C	1244	20	.2	

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0565	HTPR	28	1540	1542	1547	S08	W43	4193	05	25.4	7	SF			C	1542	20	.3	E
0566	HTPR	28	1549	1555	1625	S13	W63	4190B	05	23.9	36	SF			C	1556	40	.9	E
0567	HTPR	28	1630	1632	1646	S09	W52	4186	05	24.8	16	SN			C	1632	40	.6	
		28	1719		2225	No Flare Patrol													
		28	2232		2259	No Flare Patrol													
0568		29	0049*	0118	0127	S10	E37	4196	05	31.8	38	SN	C	2.2			91	.8	
	CULG	29	0049	0049U	0054D	S09	E37	4196	05	31.8	5D	SF			P	0049	30	.3	
	CULG	29	0101E	0117U	0121D	S09	E38	4196	05	31.9	20D	SN			P	0117	110	1.4	
	LEAR	29	0116	0118	0127	S11	E37	4196	05	31.8	11	SN	C	2.2	C		133		
0569	CATA	29	0920	0930	0935D	S07	E90	4201	06	5.1	15D	1			P	0930	68		
0570	RAMY	29	1115	1120	1130	S18	W40	4187	05	26.4	15	SF			C		28		
0571	RAMY	29	1136	1138	1144	S11	E47	4196A	06	2.0	8	SF			C		36		
0572	RAMY	29	1323	1323	1330	S10	E77	4201	06	4.3	7	SF			C		25		
0573		29	15122	15143	1533	S06	E90	4201	06	5.4	21	SN					27		
	KANZ	29	1512	1517	1533	S06	E90	4201	06	5.4	21	SN							
	RAMY	29	1514	1514	1540D	S07	E90	4201	06	5.4	26D	SF			C		27		
0574		29	15382	1541	1551	S11	E44	4196A	06	2.0	13	SF					34		F
	KANZ	29	1538	1541	1550	S11	E44	4196A	06	2.0	12	SF							
	HOLL	29	1540	1541	1552	S11	E43	4196A	06	1.9	12	SF			C		34		F
0575	HOLL	29	1607	1615	1625	S09	E40	4196	06	1.7	18	SF			C		62		F
0576		29	18401	1843	1848	S10	E86	4201	06	5.2	8	SF					11		
	HOLL	29	1840	1843	1845	S10	E90	4201	06	5.5	5	SF			C		10		
	RAMY	29	1841	1843	1850	S10	E83	4201	06	5.0	9	SF			C		12		
		29	2033		2034	No Flare Patrol													
0577	LEAR	30	0121	0121	0125	S11	E84	4201	06	5.4	4	SF			C				
0578		30	0255	0257	0300	S09	E82	4201	06	5.3	5	SN	C	1.2			30		
	CULG	30	0255	0257	0300	S07	E81	4201	06	5.2	5	SN			C	0257	30		
	LEAR	30	0255	0257	0301	S11	E84	4201	06	5.4	6	SF	C	1.2	C				
0579	LEAR	30	0310	0312	0323	S18	W48	4187	05	26.5	13	SF			C		22		
0580		30	0447	0437*	0502	S14	W88		05	23.5	15	1F					87		AD
	YUNN	30	0424E	0437	0451D	S12	W90		05	23.4	27D				P				A
	ABST	30	0447	0452	0502	S15	W85		05	23.8	15	1F			C	0452	87		AD
0581	ABST	30	0530	0532	0534	S09	E85	4201	06	5.6	4	1N			C	0532	96		AD
0582	ABST	30	0552	0554	0620	N17	W34	4189	05	27.7	28	SF			C	0554	105	1.4	DG
0583	KANZ	30	0736	0741	0746	S10	E80	4201	06	5.3	10	SF							
0584	KANZ	30	0751	0806	0811	N12	W90	4183	05	23.5	20	SF							
0585		30	1044	1049*	1143	S09	E77	4201	06	5.2	59	SN	C	1.2			38	1.6	FK
	KANZ	30	1044	1049	1059	S12	E79	4201	06	5.4	15	SN							
	RAMY	30	1044	1049	1157	S07	E77	4201	06	5.2	73	SN			C		40		K
	RAMY	30	1044	1133	1157	S07	E77	4201	06	5.2	73	SN	C	1.2	C		27		FK
	ATHN	30	1141E	1141	1158	S10	E74	4201	06	5.0	17D	SN			V	1141	48	1.6	
0586		30	1206	12094	1222	S06	E77	4201	06	5.3	16	SF					30		
	KANZ	30	1200E	1209	1221	S06	E77	4201	06	5.3	21D	SF							
	RAMY	30	1206	1213	1224	S06	E77	4201	06	5.3	18	SF			C		30		

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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
0587	HOLL	30	1448	1451	1513	S12	E70	4201	06	4.9	25	SF	C 1.8	3	C		35		F
0588		30	1623	1630*	1730D	S11	E72	4201	06	5.1	67D	1F	C 5.0				99		F
	HOLL	30	1623	1630	1730D	S12	E73	4201	06	5.2	67D	SF	C 5.0	3	C		90		F
	RAMY	30	1624E	1702	1706D	S10	E70	4201	06	4.9	42D	1F		3	C		108		F
		30	2123		2128	No Flare Patrol													
0589	CULG	30	2223	2224	2226	S19	W56	4187	05	26.6	3	SF			C	2224	70	1.3	
0590	LEAR	31	0252	0257	0302	S13	E18	4196	06	1.5	10	SF		3	C		29		F
0591		31	03172	0319*	0338	S11	E69	4201	06	5.3	21	SF	C 3.8				38		FK
	PALE	31	0317	0331	0353D	S09	E68	4201	06	5.2	36D	SF	C 3.8	3	C		48		
	LEAR	31	0319	0319	0335	S11	E67	4201	06	5.2	16	SF		3	C		15		FK
	LEAR	31	0319	0330	0335	S11	E67	4201	06	5.2	16	SF	C 3.8	3	C		28		K
	PURP	31	0334E	0334	0343	S12	E73	4201	06	5.6	9D	SN			C	0334	63		
0592	KANZ	31	0705	0705	0710	S08	E55	4201	06	4.4	5	SN		3					D
0593		31	07005	07103	0722	S19	W62	4187	05	26.6	22	SF	C 2.4				78		
	LEAR	31	0700	0713	0723	S16	W62	4187	05	26.6	23	SF	C 2.4	3	C		93		
	KANZ	31	0705	0710	0720	S20	W61	4187	05	26.6	15	SF		3					
	PURP	31	0713E	0713	0713D	S22	W64	4187	05	26.4	15D	SN			P	0713	63		
0594	KANZ	31	0710	0715	0725	S11	E17	4196	06	1.6	15	SF		3					
0595	KHAR	31	0756E	0757	0802D	S21	W62	4187	05	26.6	6D	SF			V	0800	40		D
0596		31	0759	08093	0818	S10	E52	4201	06	4.2	19	SF							D
	KANZ	31	0759	0809	0818	S09	E53	4201	06	4.3	19	SF		2					
	KHAR	31	0811E	0812	0817D	S10	E52	4201	06	4.2	6D	SF			V	0812			D
0597		31	0916	0921	0936	S10	E52	4201	06	4.3	20	SF							D
	KANZ	31	0916	0921	0936	S09	E53	4201	06	4.4	20	SF		1					
	KHAR	31	0920E		0923D	S10	E52	4201	06	4.3	3D	SF			V	0921			D
0598		31	1000	10022	1006	S20	W64	4187	05	26.5	6	SN					70		HK
	KHAR	31	0944E	1004	1017D	S21	W65	4187	05	26.4	33D	SN			P	0947			K
	MONT	31	1000	1002	1006	S19	W64	4187	05	26.5	6	SN			C	1002	70		H
		31	1121		1128	No Flare Patrol													
0599	RAMY	31	1141	1141	1148	S11	E16	4196	06	1.7	7	SF		3	C		21		
0600	RAMY	31	1155	1201	1210	S09	E62	4201	06	5.1	15	SF		3	C		20		
0601	RAMY	31	1255	1302	1307	S12	E64	4201	06	5.3	12	SN	C 3.0	3	C		21		
0602		31	1336*	1350	1416	S10	E64	4201	06	5.4	40	SB	C 7.9				158		E
	HOLL	31	1336	1350U	1356D	S11	E63	4201	06	5.3	20D	SB	C 7.9	1	C		125		E
	RAMY	31	1348	1350	1416	S10	E65	4201	06	5.4	28	1B	C 7.9	3	C		192		
	KANZ	31	1350	1350	1405D	S10	E64	4201	06	5.4	15D	SB		1					
0603	RAMY	31	1459	1505	1521	S12	E65	4201	06	5.5	22	SN	M 1.2	3	C		48		
0604	HOLL	31	1656	1656	1706	S10	E50	4201	06	4.5	10	SN		3	C		77		
0605	HOLL	31	1711	1730	1741	S11	E61	4201	06	5.3	30	SF		3	C		38		
0606		31	1758*	1805*	1959	S11	E62	4201	06	5.4	121	SB	C 9.0				128		FKU
	HOLL	31	1758	1805	1959	S11	E62	4201	06	5.4	121	SN		2	C		48		K
	HOLL	31	1758	1826	1959	S11	E62	4201	06	5.4	121	1B	C 9.0	2	C		195		UFK
	RAMY	31	1810	1815	1954D	S11	E62	4201	06	5.4	104D	SB		3	C		144		K
	RAMY	31	1810	1826	1954D	S11	E62	4201	06	5.4	104D	SB	C 9.0	3	C		126		K

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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
0607	HOLL	31	2017	2018	2039	S11	E71	4201	06	6.2	22	SN	C 2.9	2	C		63		F
0608	HOLL	31	2045	2046	2050	S12	E60	4201	06	5.4	5	SN		3	C		30		
0609	HOLL	31	2100	2102	2108	S11	E60	4201	06	5.4	8	SF	C 2.1	2	C		26		

"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.