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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	CMP Day	Dur (Min)	Imp Opt	Imp Xray	Obs See	Obs Type	Time (UT)	Area Measurement Apparent (10^{-6} Disk)	Area Measurement Corr (Sq Deg)	Remarks
		01	1401		1454	No Flare Patrol													
		01	1618		1645	No Flare Patrol													
0001	LEAR	01	2301	2307	2317	N15	W26	4384	12	31.0	16	SF		3	C		31		FH
0002	LEAR	02	0120	0120	0123	N14	W28	4384	12	31.0	3	SF		3	C		25		F
0003	LEAR	02	0412	0414	0422	N14	W31	4384	12	30.9	10	SF		3	C		21		
0004	LEAR	02	0438	0454	0527	N12	W02	4387	01	2.0	49	SF		3	C		75		U
0005	LEAR	02	0521	0527	0534	N13	W29	4384	12	31.0	13	SF		3	C		32		
0006		02	0750	07492	0755	N12	W33	4384	12	30.9	5	SF					22		
	KANZ	02	0749E	0749	0755	N12	W33	4384	12	30.9	6D	SF		1					
	LEAR	02	0750	0751	0755	N13	W33	4384	12	30.9	5	SF		3	C		22		
0007		02	08013	0804	0809	N12	W33	4384	12	30.9	8	SF					37		
	KANZ	02	0801	0804	0809	N12	W33	4384	12	30.9	8	SF		1					
	LEAR	02	0804	0804	0809	N13	W33	4384	12	30.9	5	SF		3	C		37		
0008	KANZ	02	0850	0854	0857	N14	W32	4384	12	31.0	7	SN		2					
0009		02	1130	11387	1148	N12	W36	4384	12	30.9	18	SN					28	.4	
	KANZ	02	1130	1138	1146	N13	W35	4384	12	30.9	16	SN		2					
	CATA	02	1140E	1145	1150	N12	W36	4384	12	30.9	10D	S		2	P	1145	28	.4	
0010	RAMY	02	1303	1303	1327	N14	W36	4384	12	30.9	24	SF		3	C		23		
		02	2140		2142	No Flare Patrol													
0011	RAMY	03	1338	1340	1353	N13	W47	4384	12	31.0	15	SF		3	C		28		
0012	RAMY	03	1656	1700	1710	N13	W48	4384	12	31.1	14	SN		3	C		24		
0013	PALE	03	1851	1854	1858	N14	W51	4384	12	31.0	7	SF		3	C		20		F
0014	LEAR	03	2338	2339	2341	N14	W53	4384	12	31.0	3	SF		3	C		31		
0015		03	2354	23568	2411	N15	W54	4384	12	31.0	17	SN					48		K
	LEAR	03	2354	2356	2411	N15	W54	4384	12	31.0	17	SF		3	C		66		K
	LEAR	03	2354	2404	2411	N15	W54	4384	12	31.0	17	SN		3	C		30		K
0016	LEAR	04	0449	0455	0455	N16	W60	4384	12	30.7	6	SF		3	C		24		F
0017	ABST	04	0650E	0708	0732	N15	W61	4384	12	30.8	42D	SN			P	0708	87		DH
0018	CATA	04	1025	1040	1135	S10	W32		01	2.0	70	S		1	C	1040	112	1.4	
		04	1725		1804	No Flare Patrol													
0019		05	08103	0814	0823	N15	W78	4384	12	30.5	13	1F					87		DJ
	ABST	05	0810	0814	0826	N16	W80	4384	12	30.4	16	1F			C	0814	87		DJ
	ISTA	05	0813		0820	N14	W76	4384	12	30.7	7	SF							D
		05	1401		1424	No Flare Patrol													
0020	RAMY	05	1434	1435	1449	N14	W49		01	1.9	15	SF		3	C		21		
		05	1607		1640	No Flare Patrol													
		05	1651		1811	No Flare Patrol													
		05	1827		1931	No Flare Patrol													
0021		05	2103	2104	2113	S04	E80	4389	01	11.8	10	SF					26		
	CULG	05	2103	2104	2113	S02	E79	4389	01	11.8	10	SF			P	2104	30		
	HOLL	05	2103	2104	2113	S06	E80	4389	01	11.9	10	SF		3	C		22		
		05	2207		2228	No Flare Patrol													

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		05	2230		2245	No Flare Patrol													
		06	0704		0738	No Flare Patrol													
		06	0757		0811	No Flare Patrol													
		06	0820		0821	No Flare Patrol													
0022	KANZ	06	0909	0916	0930	S04	E71	4389	01	11.7	21	SB		2					
0023	KANZ	06	1108	1112	1116	S05	E68	4389	01	11.5	8	SB		2					
		06	1547		1636	No Flare Patrol													
0024	RAMY	06	1648	1651	1655	S04	E65	4389	01	11.5	7	SN		3	C		26		
		06	1656		1809	No Flare Patrol													
0025	RAMY	06	1936	1936	1948	S02	E66	4389	01	11.7	12	SF		3	C		18		
0026	LEAR	08	0937	0939	0940	S06	E48	4389B	01	12.0	3	SF		3	C		25		
0027	LEAR	08	0954	0955	1000	S06	E48	4389B	01	12.0	6	SF		3	C		20		
		08	1721		1733	No Flare Patrol													
		08	1944		1957	No Flare Patrol													
		09	1401		1421	No Flare Patrol													
		09	1437		1452	No Flare Patrol													
		09	1459		1508	No Flare Patrol													
		09	1512		1540	No Flare Patrol													
		09	1549		1604	No Flare Patrol													
		09	1721		1809	No Flare Patrol													
0028		09	19221	19223	1930	S16	W26	4388	01	7.8	8	SF					32		
	RAMY	09	1922	1922	1929	S16	W26	4388	01	7.8	7	SF		3	C		33		
	PALE	09	1923	1925	1932	S17	W26	4388	01	7.8	9	SF		3	C		30		
0029		10	0852*	09503	1035	S06	E20	4389B	01	11.9	103	SN					138	1.2	EFZ
	HTPR	10	0852	0950	1035	S05	E20	4389B	01	11.9	103	SN			C	0950	110	1.2	E
	KANZ	10	0945	0953	1021D	S06	E20	4389B	01	11.9	36D	SB		2					
	LEAR	10	0946E	0953	0959D	S06	E21	4389B	01	12.0	13D	SN		2	C		167		ZF
0030	HTPR	10	1156	1159	1203	S15	E87	4393	01	17.1	7	SF			C	1159	20		
0031		10	12011	12042	1217	S15	E68	4392	01	15.6	16	SF					51	1.1	EF
	RAMY	10	1201	1204	1221	S15	E68	4392	01	15.6	20	SF		3	C		52		F
	HTPR	10	1202	1206	1213	S15	E67	4392	01	15.6	11	SF			C	1206	50	1.1	E
0032	HTPR	10	1227	1231	1240	S15	E87	4393	01	17.1	13	SN			C	1231	20		
0033		10	1834*	1848	1910	S15	E79	4393	01	16.7	36	SF					26		
	RAMY	10	1834	1848	1925	S15	E81	4393	01	16.9	51	SF		3	C		40		
	PALE	10	1846	1848	1856	S15	E77	4393	01	16.6	10	SF		3	C		13		
0034		10	20211	2026	2040	S16	E80	4393	01	16.9	19	SF					22		
	HOLL	10	2021	2026	2040	S17	E82	4393	01	17.1	19	SF		3	C		20		
	PALE	10	2022	2026	2101D	S15	E78	4393	01	16.7	39D	SF		3	C		25		
0035	HOLL	10	2337	2338	2340	S17	E75	4393	01	16.7	3	SF		3	C		19		
0036	LEAR	11	0327	0436	0617	S16	E74	4393	01	16.7	170	SF		3	C		54		
0037	KANZ	11	0910	0914	0918	S15	E68	4393	01	16.5	8	SN		2					
0038		11	0953*	1024*	1116	S16	E70	4393	01	16.7	83	SN					50		
	HTPR	11	0953	1038	1135	S16	E71	4393	01	16.8	102	SN			C	1126	50		
	HTPR	11	0953	1126	1135	S16	E71	4393	01	16.8	102	SN			C	1126	50		
	KANZ	11	1020	1024	1039	S15	E68	4393	01	16.6	19	SN		2					
0039	HTPR	11	1120	1124	1134	S17	W50	4388	01	7.7	14	SF			C	1124	40	.6	

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0040	RAMY	11	1247	1312	1357	S16	E69	4393	01	16.8	70	SN		3	C		24		
0041		11	1359*	1448*	1605	S16	E68	4393	01	16.7	126	SN					58		K
	RAMY	11	1359	1448	1605	S16	E68	4393	01	16.7	126	SN		3	C		49		K
	RAMY	11	1359	1543	1605	S16	E68	4393	01	16.7	126	SN		3	C		43		K
	HOLL	11	1519	1545	1605	S16	E69	4393	01	16.9	46	SF		3	C		82		
0042	RAMY	11	1640	1645	1659	S16	E67	4393	01	16.8	19	SN		3	C		17		
0043		11	18227	18343	1858	S16	E67	4393	01	16.8	36	SN	C 2.9				68		F
	PALE	11	1822	1834	1858	S14	E66	4393	01	16.7	36	SN		3	C		114		F
	HOLL	11	1826	1837	1901	S17	E67	4393	01	16.8	35	SN	C 2.9	3	C		59		
	RAMY	11	1829	1837	1856	S16	E67	4393	01	16.8	27	SN	C 2.9	3	C		30		F
0044		11	19186	1921*	1943	S16	E65	4393	01	16.7	25	SN					20		F
	HOLL	11	1918	1921	1945	S17	E66	4393	01	16.8	27	SF		3	C		27		
	RAMY	11	1924	1934	1941	S16	E64	4393	01	16.7	17	SN		3	C		13		F
0045	RAMY	11	2008	2025	2045	S16	E65	4393	01	16.8	37	SN		3	C		27		F
0046		11	2134	2141*	2202	S17	E64	4393	01	16.8	28	SN	C 1.8				61		K
	HOLL	11	2134	2141	2202	S17	E64	4393	01	16.8	28	SN	C 1.8	3	C		62		K
	HOLL	11	2134	2151	2202	S17	E64	4393	01	16.8	28	SN		3	C		60		K
		11	2219		2229	No Flare Patrol													
0047	HOLL	11	2240	2244	2249	S15	E64	4393	01	16.8	9	SF		3	C		33		
0048		11	2301*	2304*	2444	S16	E62	4393	01	16.7	103	1N					126	3.1	K
	LEAR	11	2301	2304	2609D	S16	E62	4393	01	16.7	188D	SF		3	C		109		K
	LEAR	11	2301	2606	2609D	S16	E62	4393	01	16.7	188D	1N		3	C		236		K
	HOLL	11	2303	2307	2313	S17	E64	4393	01	16.8	10	SF		3	C		20		
	YUNN	12	0204	0206	0215	S16	E62	4393	01	16.8	11	1N			C		141	3.1	
0049	YUNN	12	0416	0420	0437	S17	E60	4393	01	16.7	21	1N			C		110	2.3	T
0050	YUNN	12	0456	0459	0512	S16	E60	4393	01	16.7	16	1N			C		126	2.6	T
0051	YUNN	12	0612	0615	0630	S16	E60	4393	01	16.8	18	1N			C		126	2.6	T
0052		12	0826*	0830*	0852	S16	E54	4393	01	16.4	26	1N					152	2.8	DET
	YUNN	12	0826	0830	0846	S16	E57	4393	01	16.7	20	1N			P		126	2.4	DT
	YUNN	12	0834	0840	0846	S16	E57	4393	01	16.7	12	SN			P		94	1.8	DT
	HTPR	12	0836E		0844D	S16	E58	4393	01	16.7	8D	2N			C	0844	350	6.5	E
	KANZ	12	0836	0847	0903	S16	E50	4393	01	16.1	27	SF		2					
	HTPR	12	0844E		0844D	S15	E49	4393	01	16.1	27D	SN			C	0844	40	.6	
0053	KANZ	12	0844	0844	0859	S06	W04	4389B	01	12.1	15	SF		2					
0054	KANZ	12	0936	0936	0939	S17	E41	4392A	01	15.5	3	SF		2					
0055	RAMY	12	1222	1225	1252	S16	E56	4393	01	16.8	30	SF		3	C		45		F
0056		12	16176	1623*	1703	S18	E38	4392A	01	15.6	46	SN					50		F
	RAMY	12	1617	1623	1716	S18	E38	4392A	01	15.6	59	SN		3	C		60		
	HOLL	12	1623	1640	1650	S18	E38	4392A	01	15.6	27	SF		3	C		41		F
0057	HOLL	12	1731	1733	1742	S17	E55	4393	01	16.9	11	SF	C 1.3	3	C		20		
0058		12	1831	1832	1840	S12	E38	4392	01	15.6	9	SN					64		F
	HOLL	12	1831	1832	1839	S12	E38	4392	01	15.6	8	SN		3	C		52		F
	RAMY	12	1831	1832	1841	S12	E38	4392	01	15.6	10	SN		3	C		76		F
0059	RAMY	12	1845	1845	1852	S16	E51	4393	01	16.6	7	SN		3	C		17		
0060		12	19111	19172	1940	S16	E52	4393	01	16.7	29	SB	C 3.4				29		EF
	HOLL	12	1911	1917	1920D	S17	E52	4393	01	16.7	9D	SN	C 3.4	3	C		32		F
	RAMY	12	1912	1919	1940	S16	E52	4393	01	16.7	28	SB	C 3.4	3	C		26		FE

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0061	RAMY	12	1920	1922	1936	S11	E38	4392	01	15.7	16	SN		3	C		57		
0062		12	20571	2103*	2123	S16	E50	4393	01	16.7	26	SN	C 1.2				45		EFK
	PALE	12	2057	2106	2112	S15	E51	4393	01	16.7	15	SF		3	C		18		
	RAMY	12	2058	2103	2128	S16	E50	4393	01	16.7	30	SN		3	C		16		K
	RAMY	12	2058	2114	2128	S16	E50	4393	01	16.7	30	SB	C 1.2	3	C		21		FEK
	HOLL	12	2100E	2105	2116D	S17	E50	4393	01	16.7	16D	SN		3	C		149		K
	HOLL	12	2100E	2115	2116D	S17	E50	4393	01	16.7	16D	SB	C 1.2	3	C		20		FK
0063	RAMY	12	2135	2138	2138D	S15	E50	4393	01	16.7	3D	SB		3	C		126		
0064		12	2317*	2335*	2354	S16	E49	4393	01	16.7	37	SF	C 1.4				42		F
	HOLL	12	2317	2339	2358	S17	E50	4393	01	16.8	41	SN	C 1.4	3	C		49		F
	PALE	12	2324	2346	2348	S15	E49	4393	01	16.7	24	SF		3	C		42		F
	LEAR	12	2329	2335	2357	S16	E49	4393	01	16.7	28	SF	C 1.4	2	C		35		F
0065		13	0001*	00096	0024	S16	E50	4393	01	16.8	23	SF					36	.5	EFH
	MITK	13	0001	0011	0037	S15	E48	4393	01	16.6	36	SN			C	0011			E
	LEAR	13	0002	0009	0013	S16	E50	4393	01	16.8	11	SF		2	C		41		FH
	MANI	13	0011	0015	0022	S16	E51	4393	01	16.9	11	SF		1	V		30	.5	F
0066		13	0137*	0140*	0253	S16	E46	4393	01	16.5	76	SN	C 1.8				94	1.8	EFHIJKT
	PURP	13	0114E	0142	0309	S17	E45	4393	01	16.5	115D	SN			C	0142	79	1.2	K
	PURP	13	0114E	0247	0309	S17	E45	4393	01	16.5	115D	SB			C	0247	106	1.6	
	LEAR	13	0137	0140	0210	S15	E46	4393	01	16.5	33	SN	C 1.8	3	C		46		
	MITK	13	0213	0240	0311	S15	E48	4393	01	16.7	58	SN			C	0240			E
	LEAR	13	0218	0224	0227	S16	E46	4393	01	16.6	9	SN		3	C		30		
	YUNN	13	0234	0244	0300	S15	E47	4393	01	16.7	26	1B	C 6.4		P		189	2.9	FT
	LEAR	13	0234	0245	0301	S15	E48	4393	01	16.7	27	SB	C 6.4	3	C		99		FH
	VORO	13	0236	0239	0254	S16	E47	4393	01	16.7	18	SN			C	0244	108	1.6	EIJ
0067		13	0417*	0426*	0445	S16	E46	4393	01	16.7	28	1F					102	2.3	FTZ
	LEAR	13	0417	0426	0442	S16	E45	4393	01	16.6	25	SF		3	C		47		FZ
	YUNN	13	0443	0446	0448	S16	E46	4393	01	16.7	5	1F			C		157	2.3	T
0068		13	04573	05213	0559	S16	E31	4392A	01	15.5	62	SN					95	1.2	FU
	LEAR	13	0457	0524	0609	S17	E31	4392A	01	15.6	72	SF		3	C		98		UF
	YUNN	13	0500	0521	0553	S16	E31	4392A	01	15.5	53	SB			P		126	1.5	F
	MANI	13	0516E	0522	0555	S16	E32	4392A	01	15.6	39D	SF		1	V		60	.8	
0069	LEAR	13	0537	0537	0541	S16	E45	4393	01	16.6	4	SF		3	C		21		
0070		13	06156	0618*	0650	S16	E44	4393	01	16.6	35	SN	C 3.3				116	2.0	BEFKTZ
	ABST	13	0614E	0618	0624D	S17	E37	4393	01	16.1	10D	SF			P	0618	148	1.9	BE
	LEAR	13	0615	0627	0649	S16	E46	4393	01	16.7	34	SN	C 3.3	3	C		94		ZFK
	LEAR	13	0615	0644	0649	S16	E46	4393	01	16.7	34	SN		3	C		50		K
	ABST	13	0618E	0622	0624D	S16	E44	4393	01	16.6	6D	SN			P	0622	122	1.7	E
	PURP	13	0618	0631	0653	S17	E45	4393	01	16.7	35	SN			C	0631	93	1.4	
	YUNN	13	0621	0629	0650	S15	E46	4393	01	16.7	29	1B			C		189	2.8	ET
0071		13	08252	08294	0836	S16	E44	4393	01	16.7	11	SF					74	1.8	ET
	YUNN	13	0825	0829	0837	S16	E45	4393	01	16.8	12	SN			C		126	1.8	ET
	LEAR	13	0825	0833	0836	S16	E45	4393	01	16.8	11	SF		3	C		22		
	KANZ	13	0827	0831	0835	S17	E42	4393	01	16.5	8	SF		2					
0072	KANZ	13	0935	0946	1024	S24	E20		01	14.9	49	SN		2					G
0073	KANZ	13	0942	0950	1040	S19	E28	4392A	01	15.5	58	SN		2					
0074	RAMY	13	1505	1512	1526	S16	E41	4393	01	16.7	21	SN		4	C		28		F
0075	RAMY	13	1610	1611	1620	S16	E40	4393	01	16.7	10	SF		3	C		32		
0076	RAMY	13	1659	1701	1719	S16	E41	4393	01	16.8	20	SB	C 1.8	3	C		70		EF
		13	1748		1820	No Flare Patrol													
		13	1826		1854	No Flare Patrol													
		13	1903		1948	No Flare Patrol													

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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
		13	1952		2049	No Flare Patrol													
		13	2107		2109	No Flare Patrol													
		13	2157		2225	No Flare Patrol													
		13	2359		2400	No Flare Patrol													
		14	0000		0015	No Flare Patrol													
0077	LEAR	14	0517	0520	0529	S14	E14	4392	01	15.3	12	SF		3	C		33		
		14	0547		0550	No Flare Patrol													
0078		14	11552	12014	1211	S14	E10	4392	01	15.2	16	SN					73	1.2	
	CATA	14	1155	1205	1215	S14	E09	4392	01	15.2	20	S		1	C	1205	112	1.2	
	KANZ	14	1157	1201	1209	S14	E10	4392	01	15.2	12	SB		2					
	RAMY	14	1202E		1209	S14	E10	4392	01	15.2	7D	SF		3	C		34		
0079	RAMY	14	1510	1513	1534	S16	E27	4393	01	16.7	24	SB	C 1.8	3	C		94		EF
		14	1540		1620	No Flare Patrol													
		14	1655		1701	No Flare Patrol													
0080	RAMY	14	1705	1710	1720	S13	E08	4392	01	15.3	15	SN		3	C		49		
		14	1832		1953	No Flare Patrol													
0081		14	2017	2018	2031	S16	E23	4393	01	16.6	14	SF					96		F
	RAMY	14	2017	2018	2027	S16	E20	4393	01	16.4	10	SF		2	C		96		F
	HOLL	14	2017	2018	2035	S16	E26	4393	01	16.8	18	SF		3	C		97		F
		14	2043		2053	No Flare Patrol													
		14	2100		2114	No Flare Patrol													
		14	2357		2400	No Flare Patrol													
		15	0000		0126	No Flare Patrol													
		15	0301		0309	No Flare Patrol													
		15	0320		0344	No Flare Patrol													
		15	0416		0443	No Flare Patrol													
		15	0536		0559	No Flare Patrol													
0082	KANZ	15	1139E	1139U	1143	S18	E18	4393	01	16.8	4D	SF		2					
0083		15	12444	12444	1302	S13	W03	4392	01	15.3	18	SN					21		F
	RAMY	15	1244	1244	1257	S13	W03	4392	01	15.3	13	SN		3	C		21		F
	KANZ	15	1248	1248	1306	S13	W03	4392	01	15.3	18	SN		2					
0084	RAMY	15	1541	1541	1551	S13	W05	4392	01	15.3	10	SN		3	C		27		
		15	1926		1932	No Flare Patrol													
0085		16	0128*	0135*	0204	S16	W01	4393	01	16.0	36	SF					60	1.2	DKT
	LEAR	16	0128	0135	0204	S16	W00	4393	01	16.1	36	SF		3	C		32		K
	LEAR	16	0128	0145	0204	S16	W00	4393	01	16.1	36	SF		3	C		37		K
	YUNN	16	0140	0145	0145D	S16	W02	4393	01	15.9	5D	SN			P		110	1.2	DT
0086		16	0336*	03545	0413	S16	W01	4393	01	16.1	37	SN					88	1.2	DTZ
	LEAR	16	0336	0359	0421	S17	E00	4393	01	16.2	45	SF		3	C		65		Z
	YUNN	16	0350	0354	0405	S16	W02	4393	01	16.0	15	SN			C		110	1.2	DT
		16	1110		1120	No Flare Patrol													
0087		16	16581	17015	1739	S16	W08	4393	01	16.1	41	SN					44		F
	RAMY	16	1658	1701	1756	S16	W08	4393	01	16.1	58	SN		3	C		50		F
	HOLL	16	1659	1706	1722	S15	W08	4393	01	16.1	23	SF		3	C		39		F
0088	HOLL	16	1926	1931	1936	S15	W01	4393	01	16.7	10	SF		3	C		36		F
		16	1958		2003	No Flare Patrol													
0089	LEAR	17	0200	0201	0204	S13	W19	4392	01	15.6	4	SF		3	C		24		

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		17	0410		0420	No Flare Patrol														
0090	RAMY	17	1737	1742	1749	S14	W31	4392	01	15.4	12	SN			3	C		59		
0091		17	19173	19228	1950	S16	W28	4393	01	15.7	33	SF						51		F
	RAMY	17	1917	1922	1958	S16	W28	4393	01	15.7	41	SF			4	C		73		F
	HOLL	17	1920	1930	1942	S15	W27	4393	01	15.8	22	SF			3	C		29		F
		17	2154		2204	No Flare Patrol														
		17	2320		2322	No Flare Patrol														
		18	0316		0339	No Flare Patrol														
		18	0401		0427	No Flare Patrol														
		18	0439		0444	No Flare Patrol														
0092		18	04544	04573	0516	S02	E57	4394	01	22.5	22	SN						48	1.2	F
	YUNN	18	0454	0457	0512	S03	E57	4394	01	22.5	18	SN				C		63	1.2	
	LEAR	18	0458	0500	0521	S02	E57	4394	01	22.5	23	SN			3	C		34		F
		18	0514		0526	No Flare Patrol														
		18	0535		0552	No Flare Patrol														
0093	HTPR	18	1010E		1023	S12	W42	4392	01	15.2	13D	SF				C	1015	30	.4	
0094	HTPR	18	1157	1200	1209	S05	E54	4394	01	22.5	12	SF				C	1200	40	.7	E
0095	HTPR	18	1213	1233	1248	S12	W43	4392	01	15.3	35	SF				C	1233	30	.4	E
0096		18	1316*	1323*	1400	S11	W44	4392	01	15.2	44	SF						44	.8	EK
	HTPR	18	1316	1323	1401	S11	W43	4392	01	15.3	45	SN				C	1338	60	.8	EK
	RAMY	18	1345	1346	1356	S12	W45	4392	01	15.2	11	SF			3	C		29		
	KANZ	18	1347	1347	1403	S11	W43	4392	01	15.3	16	SF			2					
0097	KANZ	18	1318	1325	1329	S15	W37	4393	01	15.7	11	SF			2					
0098		18	1403	14061	1414	S14	W32	4393	01	16.2	11	SF						32		F
	RAMY	18	1403	1406	1415	S15	W33	4393	01	16.1	12	SF			3	C		32		F
	KANZ	18	1403	1407	1414	S14	W31	4393	01	16.2	11	SF			2					
0099		18	16478	16532	1705	S04	E50	4394	01	22.4	18	SF						25		F
	RAMY	18	1647	1653	1707	S03	E50	4394	01	22.4	20	SF			3	C		32		
	HOLL	18	1655	1655	1703	S05	E50	4394	01	22.4	8	SF			3	C		18		F
0100	LEAR	19	0440E	0445U	0451D	S18	W38	4393	01	16.3	11D	SF			3	C		20		
0101	ABST	19	0652	0652	0653	S15	W54	4392	01	15.2	1	SF				P	0652	87	1.5	D
0102	ISTA	19	0716	0718	0735	N30	E90		01	26.4	19	SN								
0103		19	0827	08243	0838	S04	E35	4394	01	22.0	11	SF						105	1.4	E
	ABST	19	0822E	0824	0831D	S04	E33	4394	01	21.8	9D	SF				P	0824	105	1.4	E
	KANZ	19	0827	0827	0838	S04	E37	4394	01	22.1	11	SF			2					
0104	KANZ	19	1019	1023	1027D	S06	E42	4394	01	22.6	8D	SF			2					E
0105	RAMY	19	1155	1212	1234	S03	E38	4394	01	22.3	39	SF			3	C		38		F
0106	RAMY	19	1345	1346	1426	S04	E37	4394	01	22.3	41	SB	C	1.6	3	C		123		
0107	RAMY	19	1358	1400	1418	S15	W49	4393	01	15.9	20	SF			3	C		37		
0108		19	1834	1837	1836	S16	W44	4393	01	16.4	2	SF						32		
	HOLL	19	1830E	1830U	1832	S16	W44	4393	01	16.4	2D	SF			3	C		33		
	HOLL	19	1834	1837	1841	S16	W44	4393	01	16.4	7	SF			3	C		30		
0109	HOLL	19	1849	1851	1901	S14	W50	4393	01	16.0	12	SF			3	C		18		
0110	PALE	19	2012	2012	2037	S15	W50	4393	01	16.0	25	SF			3	C		20		F

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0111	PALE	19	2043	2100	2116D	S15	W50	4393	01	16.1	33D	SF			3	C		28		
0112	PALE	19	2219	2220	2226	S15	W55	4393	01	15.8	7	SF			3	C		28		
0113	LEAR	20	0544	0544	0553	S16	W53	4393	01	16.2	9	SF			3	C		18		F
0114		20	0832	0901	0847	S06	E18	4396	01	21.7	15	SF						87	.9	D
	ISTA	20	0832		0847	S06	E18	4396	01	21.7	15	SF								D
	ABST	20	0901E	0901	0902D	S05	E17	4396	01	21.6	1D	SF				P	0901	87	.9	D
0115		20	0857	08583	0905	S15	W56	4393	01	16.1	8	SN	C	1.4				61	1.6	D
	LEAR	20	0857	0858	0905	S16	W56	4393	01	16.1	8	SN	C	1.4	3	C		35		
	ABST	20	0901E	0901	0902D	S14	W57	4393	01	16.1	1D	SF				P	0901	87	1.6	D
0116	LEAR	20	1005	1005	1010	S05	E17	4396	01	21.7	5	SF			3	C		34		F
0117	HTPR	20	1045	1048	1100	S15	W59	4393	01	16.0	15	SF				C	1048	50	1.0	
0118		20	1332*	1401*	1543	S17	W62	4393	01	15.8	131	1N	M	1.0				293	7.0	EFIKT
	RAMY	20	1332	1401	1604	S17	W63	4393	01	15.8	152	1N	M	1.0	3	C		217		FK
	RAMY	20	1332	1410	1604	S17	W63	4393	01	15.8	152	1N			3	C		313		K
	HTPR	20	1350	1430	1500	S16	W60	4393	01	16.0	70	2N				C	1430	350	7.0	EIT
	KANZ	20	1408E	1408U	1425D	S17	W62	4393	01	15.9	17D	1F			2					
0119	RAMY	20	1350	1352	1532	S12	W70	4392	01	15.3	102	SN			3	C		37		
0120	HTPR	20	1404	1409	1415	S06	E14	4396	01	21.6	11	SF				C	1409	50	.5	E
0121	HTPR	20	1455	1457	1513	S06	E14	4396	01	21.7	18	SF				C	1457	60	.6	E
0122		20	1737*	1740*	1800	S14	W62	4393	01	16.0	23	SN	C	2.4				36		
	RAMY	20	1737	1740	1759	S15	W63	4393	01	16.0	22	SN	C	2.4	3	C		41		
	HOLL	20	1756	1757	1800	S13	W62	4393	01	16.1	4	SF			3	C		30		
0123	RAMY	20	1930	1932	1941	S05	E12	4396	01	21.7	11	SN			3	C		24		
0124		20	19596	20071	2017	S16	W60	4393	01	16.3	18	SF						19		
	RAMY	20	1959	2008	2017	S18	W59	4393	01	16.3	18	SF			3	C		18		
	HOLL	20	2005	2007	2017	S13	W62	4393	01	16.1	12	SF			3	C		20		
0125	PALE	20	2130	2137	2143D	S04	E12	4396	01	21.8	13D	SF			3	C		52		
0126		20	2159	2159	2158	S16	W62	4393	01	16.2	1439	SF						19		F
	HOLL	20	2132E	2143U	2153	S15	W64	4393	01	16.0	21D	SF			3	C		22		F
	HOLL	20	2159	2159	2203	S18	W60	4393	01	16.3	4	SF			3	C		16		F
0127	HOLL	20	2204	2218	2223	S05	E09	4396	01	21.6	19	SF			3	C		24		
0128	HOLL	20	2243	2254	2309	S18	W61	4393	01	16.3	26	SF			3	C		25		
0129		20	23091	23102	2316	S06	E10	4396	01	21.7	7	SF	C	1.2				43		
	HOLL	20	2309	2310	2313	S06	E10	4396	01	21.7	4	SF	C	1.2	3	C		31		
	LEAR	20	2310	2312	2318	S07	E10	4396	01	21.7	8	SF	C	1.2	3	C		55		
0130		20	23203	23261	2338	S14	W66	4393	01	16.0	18	SF						36		FU
	HOLL	20	2320	2327	2336	S13	W64	4393	01	16.1	16	SF			3	C		49		
	LEAR	20	2323	2326	2339	S16	W67	4393	01	15.9	16	SF			3	C		22		UF
0131	LEAR	21	0019	0022	0034	S16	W66	4393	01	16.0	15	SF			4	C		17		F
0132	LEAR	21	0342	0354	0444	S16	W69	4393	01	15.9	62	SF	C	1.8	3	C		38		
0133	LEAR	21	0605	0610	0617	S16	W70	4393	01	15.9	12	SF			3	C		38		
0134		21	0721	0727	0732	S18	W70	4393	01	16.0	11	SN						43		
	LEAR	21	0721	0727	0734	S17	W70	4393	01	16.0	13	SF			3	C		39		
	YUNN	21	0726E	0726U	0730	S18	W71	4393	01	15.9	4D	SN				P	0726	47		

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0135		21	1835	1840	1846	S16	W74	4393	01	16.2	11	SF					17		
	HOLL	21	1835	1840	1845	S14	W74	4393	01	16.2	10	SF		3	C		18		
	PALE	21	1835	1840	1846	S17	W75	4393	01	16.1	11	SF		3	C		16		
0136	RAMY	21	1949	1950	1957	S15	W79	4393	01	15.8	8	SF	C 1.3	3	C		20		
0137		22	0141	0141	0147	S16	W80	4393	01	16.0	6	SN	C 1.1				21		
	LEAR	22	0141	0141	0147	S17	W80	4393	01	16.0	6	SN	C 1.1	3	C		24		
	PALE	22	0141	0141	0147	S16	W80	4393	01	16.0	6	SF	C 1.1	3	C		18		
0138		22	03091	0311	0322	N16	E64	4397	01	27.0	13	SN					33		E
	YUNN	22	0309	0311	0325	N17	E68	4397	01	27.3	16	SN			C		47		E
	LEAR	22	0310	0311	0319	N14	E61	4397	01	26.7	9	SF		3	C		19		
0139		22	04321	04371	0440	S16	W86	4393	01	15.7	8	1N					34		
	LEAR	22	0432	0438	0440	S17	W82	4393	01	15.9	8	SF		3	C		20		
	YUNN	22	0433	0437	0440	S15	W89	4393	01	15.4	7	1N			P		47		
0140	LEAR	22	0503	0503	0506	S17	W84	4393	01	15.8	3	SN		3	C		14		
0141	RAMY	22	1548	1549	1612	N13	E89	4399	01	29.4	24	SN	C 1.3	3	C		22		
0142	RAMY	22	1931	1931	1953	N19	E56	4397	01	27.1	22	SF		3	C		14		
0143	RAMY	22	1948	1952	2004	S05	W12	4396	01	21.9	16	SN		3	C		34		
0144		22	21071	2111*	2141	S05	W12	4396	01	22.0	34	SN					50		FK
	RAMY	22	2107	2111	2136D	S05	W12	4396	01	22.0	29D	SN		3	C		41		K
	RAMY	22	2107	2124	2136D	S05	W12	4396	01	22.0	29D	SN		3	C		54		FK
	PALE	22	2108	2126	2141	S06	W12	4396	01	22.0	33	SF		3	C		56		F
0145		23	01402	0142	0152	N15	E62	4398	01	27.8	12	SF					59		
	LEAR	23	0140	0142	0147	N15	E64	4398	01	27.9	7	SF		3	C		67		
	PALE	23	0142	0142	0156	N15	E60	4398	01	27.6	14	SF		3	C		51		
0146	LEAR	23	0144	0147	0158	N19	E53	4397	01	27.1	14	SF		3	C		22		
0147		23	02453	0250	0255	N12	E83	4399	01	29.4	10	SN					26		A
	YUNN	23	0245	0250	0254	N12	E83	4399	01	29.4	9	SN			C		31		A
	PALE	23	0248	0250	0256	N13	E83	4399	01	29.4	8	SN		3	C		20		
0148		23	04143	04171	0426	N12	E82	4399	01	29.3	12	SN	C 3.1				32		A
	YUNN	23	0414	0417	0425	N11	E80	4399	01	29.2	11	SN	C 3.1		C		31		A
	LEAR	23	0417	0418	0428	N12	E84	4399	01	29.5	11	SN	C 3.1	3	C		32		
0149	LEAR	23	0518	0518	0529	N12	E86	4399	01	29.7	11	SN		3	C		38		
0150	LEAR	23	0545	0545	0603	N12	E83	4399	01	29.5	18	SF		3	C		15		
0151		23	0601	06011	0610	N16	E50	4397	01	27.0	9	SN					56	1.5	D
	ABST	23	0559E	0602	0607	N16	E51	4397	01	27.1	8D	SN			P	0607	87	1.5	D
	LEAR	23	0601	0601	0613	N16	E50	4397	01	27.0	12	SF		3	C		24		
0152	LEAR	23	0745	0745	0754	N13	E87	4399	01	29.9	9	SF		3	C		14		
0153		23	08255	08334	0850	N11	E82	4399	01	29.5	25	1B	C 9.9				114		CDW
	LEAR	23	0825	0833	0854	N13	E85	4399	01	29.8	29	1B	C 9.9	3	C		95		
	ISTA	23	0829	0833	0849	N11	E83	4399	01	29.6	20	2B	C 9.9						CD
	CATA	23	0830E	0835	0845D	N12	E82	4399	01	29.5	15D	1		2	P	0835	84		
	ABST	23	0830	0837	0844D	N12	E86	4399	01	29.8	14D	1B			P	0837	105		D
	YUNN	23	0833E	0834U	0846	N10	E74	4399	01	28.9	13D	1B	C 9.9		P	0834	173		W
0154	LEAR	23	0928	0931	0936	N13	E83	4399	01	29.6	8	SF		3	C		26		
		23	1016		1039	No Flare Patrol													
		23	1101		1139	No Flare Patrol													
		23	1201		1214	No Flare Patrol													
		23	1401		1414	No Flare Patrol													

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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
0155		23	1456*	1537*	1602	N08	E85	4399	01	30.0	66	SN	C	2.0				25		F
	HOLL	23	1456	1537	1607	N08	E88	4399	01	30.2	71	SN	C	2.0	3	C		28		F
	RAMY	23	1533	1537	1547	N12	E77	4399	01	29.4	14	SN			3	C		13		
	RAMY	23	1555	1602	1613	N05	E90	4399	01	30.4	18	SN	C	1.9	3	C		34		
		23	1459		1503	No Flare Patrol														
		23	1643		1647	No Flare Patrol														
0156		23	18567	1905*	1919	N12	E76	4399	01	29.5	23	SF						14		
	PALE	23	1856	1905	1913	N13	E75	4399	01	29.4	17	SF			3	C		14		
	HOLL	23	1903	1915	1925	N11	E76	4399	01	29.5	22	SF			3	C		15		
0157		23	19165	19215	1934	N14	E54	4398	01	27.9	18	SF						18		
	PALE	23	1916	1926	1935	N15	E52	4398	01	27.7	19	SF			3	C		20		
	HOLL	23	1921	1921	1932	N13	E55	4398	01	27.9	11	SF			3	C		17		
0158		23	2029	2107*	2138	N07	E68	4400	01	28.9	69	SN	C	1.7				24		K
	HOLL	23	2029	2107	2138	N07	E68	4400	01	28.9	69	SF			3	C		35		K
	HOLL	23	2029	2129	2138	N07	E68	4400	01	28.9	69	SN	C	1.7	3	C		12		K
0159	HOLL	23	2031	2031	2045	N13	E52	4398	01	27.8	14	SF			3	C		21		
		23	2222		2227	No Flare Patrol														
0160	LEAR	24	0011	0014	0023	N13	E74	4399	01	29.6	12	SF			3	C		13		
0161	LEAR	24	0159	0200	0206	N12	E72	4399	01	29.5	7	SF			3	C		33		
0162		24	0408*	0411*	0420	N12	E72	4399	01	29.6	12	SF	C	3.2				26		F
	LEAR	24	0408	0411	0416	N11	E72	4399	01	29.6	8	SF	C	3.2	3	C		25		F
	LEAR	24	0420	0421	0423	N12	E71	4399	01	29.5	3	SF			3	C		27		F
0163	LEAR	24	0545	0545	0552	N12	E46	4398	01	27.7	7	SF			3	C		38		
0164		24	0622	06226	0634	S05	W29	4396	01	22.1	12	SF	C	2.2				76	1.0	D
	ABST	24	0621E	0622	0626D	S05	W29	4396	01	22.1	5D	SF				P	0622	87	1.0	D
	LEAR	24	0622	0628	0634	S05	W29	4396	01	22.1	12	SF	C	2.2	3	C		64		
0165	LEAR	24	0711	0714	0726	N16	E48	4398	01	27.9	15	SF	C	1.0	3	C		49		
0166	LEAR	24	0721	0723	0725	N12	E69	4399	01	29.5	4	SF			3	C		22		
0167		24	0804	0806	0817	N16	E47	4398	01	27.9	13	SF	C	2.3				112	1.7	EF
	LEAR	24	0804	0806	0817	N17	E47	4398	01	27.9	13	SF	C	2.3	3	C		119		F
	ABST	24	0805E	0806	0818D	N15	E47	4398	01	27.9	13D	SF				P	0806	105	1.7	E
0168	LEAR	24	0823	0824	0830	N12	E66	4399	01	29.3	7	SF			3	C		19		
0169		24	0845	08573	0914	N17	E46	4398	01	27.9	29	1F	C	3.4				113	1.4	DE
	LEAR	24	0845	0900	0918	N17	E46	4398	01	27.9	33	1F	C	3.4	3	C		177		
	ABST	24	0852E	0857	0901D	N19	E47	4398	01	27.9	9D	1F				P	0857	131	2.2	E
	YUNN	24	0859E	0859U	0909	N16	E44	4398	01	27.7	10D	SN	C	3.4		P	0859	31	.5	D
0170	LEAR	24	0947	0951	0955	N15	E44	4398	01	27.7	8	SF	C	1.9	1	C		47		
0171	LEAR	24	0950	0952	0955	N14	E66	4399	01	29.4	5	SF			1	C		19		
		24	1106		1141	No Flare Patrol														
		24	1148		1153	No Flare Patrol														
		24	1210		1229	No Flare Patrol														
		24	1241		1315	No Flare Patrol														
		24	1322		1325	No Flare Patrol														
		24	1328		1419	No Flare Patrol														
		24	1459		1511	No Flare Patrol														
0172	HOLL	24	1818	1820	1827	N10	E63	4399	01	29.5	9	SF			3	C		14		
0173		24	2022	2022	2032	S06	W37	4396	01	22.1	10	SN	C	1.1				78		FH
	HOLL	24	2022	2022	2030	S05	W37	4396	01	22.1	8	SF	C	1.1	3	C		62		F
	PALE	24	2022	2022	2033	S06	W37	4396	01	22.1	11	SN	C	1.1	3	C		93		H

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10^{-6} Disk)	Corr (Sq Deg)	Remarks
0174	HOLL	24	2132	2134	2148	S04	W39	4396	01	22.0	16	SF		3	C		28		F
0175	HOLL	24	2210	2210	2216	S04	W38	4396	01	22.1	6	SF		3	C		21		
0176	LEAR	24	2335E	2335	2342	N13	E60	4399	01	29.5	7D	SF		3	C		22		
0177		25	00586	01015	0112	N12	E58	4399	01	29.4	14	SF					36		
	PALE	25	0058	0101	0110	N12	E58	4399	01	29.4	12	SF		3	C		44		
	LEAR	25	0104	0106	0113	N11	E58	4399	01	29.4	9	SF		3	C		29		
0178	LEAR	25	0140	0143	0147	S06	W41	4396	01	22.0	7	SF	C 1.1	3	C		37		
0179		25	01412	01451	0158	N13	E36	4398	01	27.8	17	SN					58	.8	EFT
	YUNN	25	0141	0145	0154	N13	E35	4398	01	27.7	13	SN			C		63	.8	ET
	LEAR	25	0143	0146	0202	N13	E36	4398	01	27.8	19	SF		3	C		53		F
0180		25	0210	02125	0221	N11	E58	4399	01	29.4	11	SF	C 1.0				49		
	PALE	25	0210	0212	0222	N10	E60	4399	01	29.6	12	SF	C 1.0	3	C		62		
	LEAR	25	0210	0217	0220	N12	E57	4399	01	29.4	10	SF	C 1.0	3	C		36		
0181	PALE	25	0242	0247	0259	S06	W42	4396	01	22.0	17	SF		3	C		44		F
0182		25	0249*	0249*	0256	N15	E36	4398	01	27.8	7	SF					34	.6	DFT
	PALE	25	0249	0249	0258	N16	E37	4398	01	27.9	9	SF		3	C		34		F
	YUNN	25	0250E	0250U	0252	N13	E35	4398	01	27.7	2D	SN			P	0250	47	.6	DT
	LEAR	25	0250	0251	0259	N16	E38	4398	01	28.0	9	SF		3	C		34		
	PALE	25	0306	0309	0311D	N15	E35	4398	01	27.8	5D	SF		3	C		23		F
0183		25	0253*	0256*	0259	N11	E56	4399	01	29.3	6	SF					23		
	LEAR	25	0253	0256	0259	N10	E57	4399	01	29.4	6	SF		3	C		30		
	PALE	25	0309	0310	0311D	N12	E56	4399	01	29.3	2D	SF		3	C		16		
0184		25	0303*	0307*	0350	S09	W46	4396	01	21.7	47	SF					60	1.3	FT
	PALE	25	0303	0307	0311D	S08	W49	4396	01	21.4	8D	SF		3	C		52		F
	YUNN	25	0345E	0345U	0350	S09	W41	4396	01	22.1	5D	SN			P	0345	94	1.3	T
	LEAR	25	0345	0345	0350	S10	W49	4396	01	21.5	5	SF		3	C		35		
0185		25	0325*	0329*	0347	N16	E36	4398	01	27.9	22	SF					33	.4	DFT
	YUNN	25	0325	0329	0341	N15	E36	4398	01	27.9	16	SN			P		31	.4	DT
	LEAR	25	0332	0333	0336	N16	E36	4398	01	27.9	4	SF		3	C		33		F
	LEAR	25	0343	0345	0403	N17	E37	4398	01	28.0	20	SF		3	C		36		F
0186	ABST	25	0611E	0618	0648D	N14	E32	4398	01	27.7	37D	SN			P	0618	140	1.8	E
0187	ABST	25	0624	0634	0648D	S07	W50	4396	01	21.5	24D	SN			P	0634	105	1.7	E
0188		25	07143	07171	0722	N12	E32	4398	01	27.7	8	SN					78	1.6	FT
	YUNN	25	0714	0717	0721	N13	E31	4398	01	27.6	7	SN			C		126	1.6	FT
	LEAR	25	0717	0718	0722	N12	E32	4398	01	27.7	5	SF		3	C		30		
0189		25	07335	0736*	0839	N17	E27	4398	01	27.4	66	1N	C 3.9				218	2.0	DETUWZ
	ABST	25	0733	0736	0754D	N20	E27	4398	01	27.4	21D	SN			P	0736	87	1.1	D
	YUNN	25	0734	0737	0803D	N15	E28	4398	01	27.4	29D	1N			P		236	2.9	ETW
	LEAR	25	0738	0757	0839	N16	E27	4398	01	27.4	61	1N	C 3.9	3	C		331		ZU
0190	LEAR	25	0756	0757	0804	N15	E19	4397	01	26.8	8	SF		3	C		52		
0191	HTPR	25	0845	0850	0859	N14	E33	4398	01	27.8	14	SF			C	0850	30	.3	E
0192	HTPR	25	1008	1012	1042	N16	E33	4398	01	27.9	34	SN			C	1012	20	.2	E
0193	HTPR	25	1102	1106	1116	N13	E17	4397	01	26.7	14	SN			C	1106	30	.3	E
0194		25	1315*	14163	1433	S07	W56	4396	01	21.3	78	SF					50	1.2	E
	HTPR	25	1315		1354D	S08	W55	4396	01	21.4	39D	SN			C	1325	80	1.5	E
	RAMY	25	1416	1416	1431	S07	W57	4396	01	21.3	15	SF		3	C		19		
	HTPR	25	1416	1419	1435	S07	W57	4396	01	21.3	19	SF			C	1419	50	.9	

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0195	HTPR	25	1516	1524	1538	N18	E24	4398	01	27.5	22	SF			C	1524	30	.3	
0196	RAMY	25	1523	1621	1704	S08	W58	4396	01	21.3	101	SN		3	C		30		
0197		25	1538	15452	1632	N14	E29	4398	01	27.8	54	SN					68		F
	RAMY	25	1538	1545	1631	N14	E28	4398	01	27.8	53	SN		3	C		65		F
	HOLL	25	1538E	1547	1632	N14	E30	4398	01	27.9	54D	SN		3	C		72		F
0198		25	17091	1712	1748	N14	E16	4397	01	26.9	39	SN	C 1.8				62		F
	HOLL	25	1709	1712	1812	N14	E17	4397	01	27.0	63	SN	C 1.8	3	C		69		
	RAMY	25	1710	1712	1724	N13	E14	4397	01	26.8	14	SN	C 1.8	3	C		56		F
0199	HOLL	25	1740	1741	1801	S15	E75	4402	01	31.4	21	SF		3	C		8		
0200	HOLL	25	1754	1754	1806	N10	E50	4399	01	29.5	12	SN		3	C		24		
0201	HOLL	25	1755	1755	1821	N12	E27	4398	01	27.8	26	SN		3	C		38		F
0202		25	1827*	1832*	1908	N15	E28	4398	01	27.9	41	SN					54		F
	HOLL	25	1827	1832	1906	N15	E31	4398	01	28.1	39	SN		3	C		33		F
	RAMY	25	1827	1835	1909	N15	E24	4398	01	27.6	42	SN		3	C		61		
	PALE	25	1838	1844	1908	N14	E28	4398	01	27.9	30	SF		3	C		67		
0203	PALE	25	1837	1852	1859	S09	W59	4396	01	21.3	22	SF		3	C		29		
0204	HOLL	25	1926	1926	1935	S06	W58	4396	01	21.5	9	SF		3	C		17		F
0205		25	1956	2010*	2138	N14	E28	4398	01	27.9	102	SF					118		FK
	HOLL	25	1956	2010	2138	N14	E28	4398	01	27.9	102	SF		3	C		137		K
	HOLL	25	1956	2031	2138	N14	E28	4398	01	27.9	102	SF		3	C		99		FK
0206		25	20587	20589	2112	N11	E47	4399	01	29.4	14	SN					32		
	RAMY	25	2058	2058	2104	N12	E47	4399	01	29.4	6	SN		3	C		38		
	HOLL	25	2059	2104	2115	N11	E50	4399	01	29.6	16	SF		3	C		32		
	RAMY	25	2105	2107	2117	N10	E44	4399	01	29.2	12	SN		3	C		27		
0207	HOLL	25	2155	2158	2207	S05	W61	4396	01	21.3	12	SN	C 2.0	3	C		44		
0208		25	22521	22531	2305	N17	E18	4397	01	27.3	13	SN					68		F
	HOLL	25	2252	2254	2306	N16	E19	4397	01	27.4	14	SN		3	C		103		F
	PALE	25	2253	2253	2304	N18	E16	4397	01	27.2	11	SF		3	C		34		F
0209		25	2255	2311*	2340D	S07	W61	4396	01	21.4	45D	SF					60		K
	HOLL	25	2255	2311		S06	W61	4396	01	21.4		SF		3	C		66		K
	HOLL	25	2255	2324		S06	W61	4396	01	21.4		SF		3	C		76		K
	LEAR	25	2328E		2340D	S08	W62	4396	01	21.3	12D	SF		3	C		37		
0210		25	2258	22592	2314	N10	E45	4399	01	29.3	16	SN					39		F
	HOLL	25	2258	2259	2316	N09	E46	4399	01	29.4	18	SN		3	C		47		F
	PALE	25	2258	2301	2311	N10	E44	4399	01	29.3	13	SN		3	C		31		F
0211		26	00353	00467	0134	N16	E26	4398	01	28.0	59	SB	M 3.6				147	2.1	EF
	MITK	26	0035	0047	0139	N16	E25	4398	01	27.9	64	1B			C	0047	170	2.1	E
	PALE	26	0038	0046	0126	N16	E26	4398	01	28.0	48	SB	M 3.6	3	C		120		FE
	LEAR	26	0038E	0053	0138	N16	E28	4398	01	28.2	60D	SB		3	C		152		FE
0212	LEAR	26	0100	0107	0109	N18	E09	4397	01	26.7	9	SF		3	C		29		
0213	LEAR	26	0115	0115	0121	S07	W64	4396	01	21.2	6	SF		3	C		27		F
0214	LEAR	26	0129	0202	0213	N10	E44	4399	01	29.4	44	SF		3	C		61		F
0215		26	02591	0301	0317	N14	E08	4397	01	26.7	18	SN	C 2.3				141	2.1	EFT
	LEAR	26	0259	0301	0321	N14	E09	4397	01	26.8	22	SF	C 2.3	3	C		145		F
	PALE	26	0300	0301	0316D	N14	E08	4397	01	26.7	16D	SN	C 2.3	3	C		88		F
	YUNN	26	0301E	0301U	0313	N13	E08	4397	01	26.7	12D	1N	C 2.3		P	0301	189	2.1	ET
0216	LEAR	26	0341	0341	0347	N16	E23	4398	01	27.9	6	SF		3	C		20		

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0217	LEAR	26	0442	0442	0445	N13	E24	4398	01	28.0	3	SF		3	C		49		
0218	LEAR	26	0448	0450	0505	N10	E42	4399	01	29.3	17	SN	C 2.0	3	C		53		F
0219		26	0541*	05592	0604	N14	E44	4399	01	29.6	23	SN	C 2.5				79	1.3	EF
	LEAR	26	0541	0601	0607	N14	E44	4399	01	29.6	26	SN	C 2.5	3	C		71		F
	ABST	26	0558	0559	0602	N14	E43	4399	01	29.5	4	SN			C	0559	87	1.3	E
0220	ABST	26	0600E	0607	0647D	S09	W68	4396	01	21.1	47D	1N			C	0607	140		E
0221	ABST	26	0732	0733	0738	N15	E07	4397	01	26.8	6	SN			C	0733	114	1.3	E
0222	ABST	26	0737	0741	0748	N10	E22	4400	01	28.0	11	SF			C	0741	105	1.2	EV
0223	LEAR	26	0753	0754	0804	S05	W48	4394	01	22.7	11	SF		3	C		33		
0224	KANZ	26	0826	0833	0856	N19	E09	4397	01	27.0	30	SF		2					
0225	KANZ	26	0947	0947	0951	N14	E21	4398	01	28.0	4	SN		2					
0226	KANZ	26	1052	1052	1055	N10	E34	4399	01	29.0	3	SF		2					
0227	KANZ	26	1052	1055	1103	N11	E20	4398	01	27.9	11	SF		2					
0228		26	1148	11564	1240	N15	E08	4397	01	27.1	52	SN	C 1.6				36		F
	KANZ	26	1148	1156	1239	N15	E08	4397	01	27.1	51	SN		2					
	RAMY	26	1148	1200	1240	N15	E07	4397	01	27.0	52	SF	C 1.6	3	C		36		F
0229		26	12002	12022	1208	N14	E14	4398	01	27.5	8	SN					31		
	KANZ	26	1200	1204	1208	N13	E13	4398	01	27.5	8	SN		2					
	RAMY	26	1202	1202	1209	N14	E16	4398	01	27.7	7	SN		3	C		31		
0230	RAMY	26	1252	1254	1305	N14	E40	4399	01	29.5	13	SF	C 1.8	3	C		28		
0231	RAMY	26	1302	1302	1309	N15	E18	4398	01	27.9	7	SN		3	C		20		F
0232	HOLL	26	1440	1445	1522	N12	E00	4397	01	26.6	42	SN		3	C		119		F
0233		26	1531E	1535	1545	N14	E14	4398	01	27.7	14D	SN					69		F
	RAMY	26	1531E	1535	1546	N14	E14	4398	01	27.7	15D	SN		3	C		81		F
	HOLL	26	1533E	1535U	1544	N14	E15	4398	01	27.8	11D	SN		3	C		57		F
0234		26	1532*	1534*	1627	S07	W67	4396	01	21.6	55	SN	C 4.2				51		FZ
	RAMY	26	1532	1534	1655	S08	W62	4396	01	22.0	83	SN	C 4.2	3	C		51		
	HOLL	26	1533E	1533U	1540	S06	W70	4396	01	21.4	7D	SF	C 4.2	3	C		28		
	HOLL	26	1622	1629	1646	S06	W70	4396	01	21.4	24	SB	M 2.1	3	C		73		ZF
0235	HOLL	26	1542	1542	1559	N14	E06	4397	01	27.1	17	SN		3	C		20		
0236		26	1551	1601	1739	N12	E37	4399	01	29.4	108	SN					64		FK
	HOLL	26	1551	1601	1739	N12	E37	4399	01	29.4	108	SN		3	C		75		K
	HOLL	26	1551	1642U	1739	N12	E37	4399	01	29.4	108	SN		3	C		52		FK
0237	HOLL	26	1621	1621	1626	N17	E00	4397	01	26.7	5	SN		3	C		21		F
0238	HOLL	26	1721	1724	1738	S06	W69	4396	01	21.5	17	SN		3	C		27		
0239	HOLL	26	1747	1756	1806	N14	E13	4398	01	27.7	19	SF		3	C		44		
0240	HOLL	26	1920	1921	1929	N10	E34	4399	01	29.4	9	SN		3	C		26		
0241	HOLL	26	2035	2039	2100	N14	E04	4397	01	27.1	25	SF		3	C		36		F
0242	HOLL	26	2057	2057	2102	S03	W74	4396	01	21.3	5	SN		3	C		19		
0243	HOLL	26	2100	2111	2138	N15	E13	4398	01	27.8	38	SN	C 2.9	3	C		101		F
0244	HOLL	26	2123	2123	2126	S04	W75	4396	01	21.3	3	SN		3	C		16		

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0245	LEAR	26	2324	2335	2358	N10	E32	4399	01	29.4	34	SF		3	C		52		
0246		26	2324*	2332*	2404	S06	W74	4396	01	21.4	40	SN					17		HK
	HOLL	26	2324	2332	2348	S05	W74	4396	01	21.4	24	SF		3	C		12		K
	HOLL	26	2324	2345	2348	S05	W74	4396	01	21.4	24	SN		3	C		13		HK
	LEAR	26	2326	2333	2415	S08	W74	4396	01	21.4	49	SF		3	C		21		K
	LEAR	26	2326	2344	2415	S08	W74	4396	01	21.4	49	SN		3	C		22		K
	HOLL	26	2354	2405	2410	S05	W74	4396	01	21.5	16	SN		3	C		17		
	PALE	27	0002	0005	0008	S05	W74	4396	01	21.5	6	SF		3	C		15		
0247		26	23298	2329*	2406	N13	E01	4397	01	27.0	37	SN	C 3.7				109		EFK
	HOLL	26	2329	2329	2408	N14	E01	4397	01	27.0	39	SF		3	C		43		K
	HOLL	26	2329	2341	2408	N14	E01	4397	01	27.0	39	SB	C 3.7	3	C		156		FEK
	LEAR	26	2333	2338	2407	N14	E01	4397	01	27.0	34	SB	C 3.7	3	C		184		F
	MITK	26	2337	2338	2402	N13	E01	4397	01	27.0	25	SN			C	2338			E
	PALE	26	2356E	2356U	2406	N13	E00	4397	01	27.0	10D	SF		3	C		52		F
0248	LEAR	27	0027	0032	0057	S08	W76	4396	01	21.3	30	SF		3	C		33		
0249		27	00422	00427	0100	N10	E30	4399	01	29.3	18	SF					30		
	PALE	27	0042	0042	0104	N11	E28	4399	01	29.1	22	SF		3	C		37		
	LEAR	27	0044	0049	0057	N10	E32	4399	01	29.4	13	SF		3	C		23		
0250		27	00532	00544	0105	N14	E02	4397	01	27.2	12	SF					33		
	LEAR	27	0053	0054	0107	N14	E02	4397	01	27.2	14	SF		3	C		40		
	PALE	27	0055	0058	0103	N14	E02	4397	01	27.2	8	SF		3	C		26		
0251	LEAR	27	0101	0108	0109	N15	E09	4398	01	27.7	8	SF		3	C		51		
0252		27	0120*	0123*	0208	S08	W78	4396	01	21.2	48	SF					19		K
	LEAR	27	0120	0123	0137	S08	W76	4396	01	21.3	17	SF		3	C		14		
	LEAR	27	0137	0146	0207	S08	W77	4396	01	21.3	30	SF		3	C		24		
	LEAR	27	0208	0208	0224	S07	W79	4396	01	21.2	16	SF		3	C		17		K
	LEAR	27	0208	0223	0224	S07	W79	4396	01	21.2	16	SF		3	C		20		K
0253	LEAR	27	0258	0307	0323	N13	W04	4397	01	26.8	25	SF		3	C		77		
0254		27	03172	0329	0346	N14	E08	4398	01	27.7	29	SN	C 5.2				100	1.4	E
	LEAR	27	0317	0329	0351	N15	E08	4398	01	27.7	34	SN	C 5.2	3	C		73		
	YUNN	27	0319	0329	0341	N14	E07	4398	01	27.7	22	SN	C 5.2		C		126	1.4	E
0255	LEAR	27	0331	0333	0358	N13	E33	4399	01	29.6	27	SF		3	C		26		
0256	LEAR	27	0529	0533	0536	N07	E15	4400	01	28.3	7	SF		3	C		32		F
0257		27	0655	0659*	0744	N16	E11	4398	01	28.1	49	1B	M 1.1				267	3.5	CEF
	LEAR	27	0655	0659	0752	N16	E10	4398	01	28.0	57	SB	M 1.1	3	C		106		F
	YUNN	27	0655	0709	0735	N15	E09	4398	01	28.0	40	1B	M 1.1		C		377	4.2	F
	ATHN	27	0702E	0702U	0731D	N15	E13	4398	01	28.3	29D	SN		3	V	0702	159	1.8	
	KODA	27	0715E	0719	0748D	N19	E12	4398	01	28.2	33D	1B			P	0737	425	4.4	CE
0258		27	10093	1013	1024	S06	W74	4396	01	21.9	15	SN					16	.4	
	WEND	27	1009	1013	1026	S07	W85	4396	01	21.0	17	SN			C	1013	15		
	WEND	27	1012	1013	1022	S06	W64	4396	01	22.6	10	SF			C	1013	18	.4	
0259		27	1235*	1254	1320	N14	E05	4398	01	27.9	45	1B	C 5.1				228	2.3	EF
	RAMY	27	1235	1254	1333	N13	E02	4398	01	27.7	58	1B	C 5.1	3	C		249		FE
	ATHN	27	1251	1254	1308	N14	E08	4398	01	28.1	17	1B		3	V	1254	207	2.3	
0260		27	14033	14042	1424	N14	E03	4398	01	27.8	21	SB	C 2.4				84		
	RAMY	27	1403	1404	1432	N14	E03	4398	01	27.8	29	SB	C 2.4	3	C		84		
	KANZ	27	1406	1406	1416	N14	E03	4398	01	27.8	10	SN		2					
0261		27	14392	14417	1525	N13	E00	4398	01	27.6	46	SN	C 3.0				95		EFK
	RAMY	27	1439	1441	1525	N13	W00	4398	01	27.6	46	SN	C 3.0	3	C		67		K
	RAMY	27	1439	1446	1525	N13	W00	4398	01	27.6	46	SB	C 3.0	3	C		123		FEK
	KANZ	27	1441	1448	1459D	N14	E01	4398	01	27.7	18D	SN		2					E

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0262		27	15471	15481	1552	N10	E20	4399	01	29.2	5	SN					26		
	RAMY	27	1547	1549	1551	N10	E20	4399	01	29.2	4	SN		3	C		29		
	HOLL	27	1548	1548	1552	N10	E21	4399	01	29.2	4	SF		3	C		24		
0263	HOLL	27	1631	1631	1636	N11	E17	4399	01	29.0	5	SF		3	C		40		
0264	HOLL	27	1656	1656	1709	N11	E24	4399	01	29.5	13	SF	C 2.2	3	C		33		
0265	HOLL	27	1710	1710	1718	N14	E01	4398	01	27.8	8	SF		3	C		25		
0266	HOLL	27	1724	1725	1757	N14	E00	4398	01	27.7	33	SF	C 1.8	3	C		57		
0267		27	1808*	1818*	1909	N14	E00	4398	01	27.7	61	SN	C 2.4				80		FK
	HOLL	27	1808	1819	1927	N14	E01	4398	01	27.8	79	SF		3	C		59		K
	HOLL	27	1808	1904	1927	N14	E01	4398	01	27.8	79	SN		3	C		164		FK
	RAMY	27	1809	1818	1827	N14	E00	4398	01	27.7	18	SN		3	C		45		
	RAMY	27	1839	1840	1849	N14	W01	4398	01	27.7	10	SN	C 2.4	3	C		46		
	RAMY	27	1903	1903	1935	N14	W01	4398	01	27.7	32	SB	C 3.6	3	C		89		
0268	HOLL	27	1841	1842	1852	N12	E25	4399	01	29.7	11	SF		3	C		23		F
0269		27	18471	1848	1901	N13	E46	4403	01	31.2	14	SF					28		
	HOLL	27	1847	1848	1903	N13	E46	4403	01	31.2	16	SF		3	C		26		
	RAMY	27	1848	1848	1859	N13	E46	4403	01	31.2	11	SF		3	C		31		
0270	HOLL	27	1948	1949	2003	N11	E20	4399	01	29.3	15	SF		3	C		25		F
0271		27	20592	2103	2124	N14	W04	4398	01	27.6	25	SN	C 2.1				36		F
	RAMY	27	2059	2103	2123	N13	W05	4398	01	27.5	24	SN	C 2.1	3	C		36		
	HOLL	27	2101	2103	2124	N14	W02	4398	01	27.7	23	SN	C 2.1	3	C		36		F
0272	HOLL	27	2200	2206	2225	N12	E14	4399	01	29.0	25	SF	C 2.7	3	C		52		FH
0273		27	2242	2242	2258	N14	W02	4398	01	27.8	16	SN					36		F
	HOLL	27	2242	2242	2257	N14	W02	4398	01	27.8	15	SN		3	C		29		F
	PALE	27	2249E	2252U	2259	N14	W03	4398	01	27.7	10D	SF		3	C		44		F
0274	HOLL	27	2259	2303	2333	N10	E16	4399	01	29.1	34	SF		3	C		54		F
0275	LEAR	28	0023	0026	0053	N10	E16	4399	01	29.2	30	SF		3	C		64		F
0276		28	0036	0053	0106	N12	W06	4398	01	27.6	30	SF					54		F
	PALE	28	0027E	0043U	0110	N13	W07	4398	01	27.5	43D	SF		3	C		66		F
	LEAR	28	0036	0053	0101	N11	W06	4398	01	27.6	25	SF		3	C		42		
		28	0459		0510	No Flare Patrol													
0277		28	0715	0717	0751	N13	W08	4398	01	27.7	36	SF	C 4.0				86	.8	EF
	LEAR	28	0715	0717	0751	N13	W07	4398	01	27.8	36	SF	C 4.0	3	C		93		F
	HTPR	28	0753E		0805D	N13	W10	4398	01	27.6	12D	SF			C	0753	80	.8	E
0278	HTPR	28	0850	0922	1000	N16	W06	4398	01	27.9	70	SF			C	0922	50	.5	E
0279	HTPR	28	1005	1008	1009	N10	E10	4399	01	29.2	4	SF			C	1008	10	.1	
0280	HTPR	28	1151	1151	1156	N12	W12	4398	01	27.6	5	SF			C	1151	40	.4	E
		28	1231		1234	No Flare Patrol													
0281	RAMY	28	1243	1250	1312	N12	W11	4398	01	27.7	29	SN		3	C		51		
		28	1252		1259	No Flare Patrol													
0282	HTPR	28	1320	1326	1332	N10	E07	4399	01	29.1	12	SF			C	1326	20	.2	E
0283		28	15351	15394	1557	N13	W14	4398	01	27.6	22	SN					28		F
	RAMY	28	1535	1539	1552	N12	W14	4398	01	27.6	17	SN		3	C		25		
	HOLL	28	1536	1543	1602	N14	W15	4398	01	27.5	26	SF		3	C		30		F

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0284		28	19132	19161	1930	N12	E34	4403	01	31.4	17	SB	C	2.0				73		F
	RAMY	28	1913	1916	1934	N13	E34	4403	01	31.4	21	SB	C	2.0	3	C		87		
	HOLL	28	1915	1917	1927	N12	E35	4403	01	31.4	12	SN	C	2.0	3	C		59		F
0285		28	2002*	2012*	2101	N13	W15	4398	01	27.7	59	SF						46		FK
	HOLL	28	2002	2012	2102	N14	W14	4398	01	27.8	60	SF			3	C		37		K
	HOLL	28	2002	2032	2102	N14	W14	4398	01	27.8	60	SN			3	C		69		FK
	PALE	28	2036	2036	2059	N10	W17	4398	01	27.6	23	SF			3	C		31		
0286	HOLL	28	2154	2155	2214	N15	W15	4398	01	27.8	20	SB	C	3.7	3	C		102		EF
0287	HOLL	28	2344	2344	2356	N15	W18	4398	01	27.6	12	SF			3	C		29		F
0288		29	02024	0214*	0329	N14	W37	4404	01	26.3	87	SN	C	2.1				104		K
	LEAR	29	0202	0214	0349	N14	W37	4404	01	26.3	107	SN			3	C		88		K
	LEAR	29	0202	0231	0349	N14	W37	4404	01	26.3	107	SN	C	2.1	3	C		132		K
	PALE	29	0206	0233	0250	N14	W38	4404	01	26.2	44	SF	C	2.1	3	C		91		
0289		29	03118	0319	0332	N17	W16	4398	01	27.9	21	SN	C	1.8				59		DF
	MITK	29	0311	0319	0335	N17	W17	4398	01	27.8	24	SN				C	0319			D
	LEAR	29	0319	0319	0330	N17	W16	4398	01	27.9	11	SF	C	1.8	3	C		59		F
0290	LEAR	29	0350	0355	0403	N14	W40	4404	01	26.1	13	SF			3	C		31		
0291		29	0545	05468	0603	N17	W19	4398	01	27.8	18	SN	C	1.9				46		K
	LEAR	29	0545	0546	0603	N17	W19	4398	01	27.8	18	SF			3	C		28		K
	LEAR	29	0545	0554	0603	N17	W19	4398	01	27.8	18	SN	C	1.9	3	C		64		K
0292	LEAR	29	0730	0731	0735	N08	E02	4399	01	29.5	5	SF			3	C		27		H
0293	LEAR	29	0825	0852	0907	N11	W24	4398	01	27.5	42	SF			3	C		49		
0294	LEAR	29	0946	0946	0953	N10	E03	4399	01	29.6	7	SF			3	C		29		
0295		29	1206	12066	1230	N12	E00	4399	01	29.5	24	SN						26	.3	F
	RAMY	29	1206	1206	1228	N12	W01	4399	01	29.4	22	SN			3	C		28		F
	WEND	29	1206	1212	1232	N12	E01	4399	01	29.6	26	SN				C	1212	25	.3	
0296		29	12253	1230*	1308	N14	W42	4404	01	26.3	43	SN						84	1.7	FK
	RAMY	29	1225	1230	1318	N14	W41	4404	01	26.4	53	SN			3	C		66		K
	RAMY	29	1225	1247	1318	N14	W41	4404	01	26.4	53	SN			3	C		29		FK
	WEND	29	1228	1235	1304	N14	W44	4404	01	26.2	36	SN				C	1235	50	.7	
	ATHN	29	1232E	1235U	1251	N13	W40	4404	01	26.5	19D	1N			3	V	1235	191	2.7	
0297		29	1301*	13251	1340	N17	W20	4398	01	28.0	39	SF	C	2.0				50	.3	F
	RAMY	29	1301	1325	1348	N16	W21	4398	01	27.9	47	SF	C	2.0	3	C		73		F
	WEND	29	1322	1326	1331	N18	W20	4398	01	28.0	9	SF	C	2.0		C	1326	28	.3	
0298	RAMY	29	1421	1421	1434	S19	W01	4405	01	29.5	13	SF			3	C		21		
0299	RAMY	29	1849	1900U	1945	N13	W29	4398	01	27.6	56	SF			3	C		36		
0300	HOLL	29	1914E	1915	1921	N10	W07	4399	01	29.3	7D	SF			3	C		23		F
0301	HOLL	29	2057E	2057U	2123D	N15	W42	4404	01	26.7	26D	SB			3	C		45		F
0302		29	2129	2130	2138	N06	W24	4400	01	28.1	9	SF						28		F
	PALE	29	2129	2130	2138	N05	W25	4400	01	28.0	9	SF			3	C		24		F
	HOLL	29	2129	2130	2138	N06	W24	4400	01	28.1	9	SF			3	C		31		F
0303		29	2223*	2230*	2332	N11	W08	4399	01	29.3	69	SF	C	4.7				108		FK
	HOLL	29	2223	2230	2343	N11	W07	4399	01	29.4	80	SF			3	C		128		K
	HOLL	29	2223	2245	2343	N11	W07	4399	01	29.4	80	SN	C	4.7	3	C		135		FK
	LEAR	29	2258	2258	2310	N11	W10	4399	01	29.2	12	SF			3	C		60		F
0304	LEAR	30	0052	0052	0057	N15	W38	4397	01	27.1	5	SF			3	C		43		
0305	LEAR	30	0136	0139	0206	N17	W55	4404	01	25.9	30	SF			3	C		37		

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0306		30	02023	02024	0209	N12	W36	4398	01	27.4	7	SN	C 3.8				50	.8	EK
	VORO	30	0202	0202	0208	N10	W38	4398	01	27.2	6	SN		C	C	0202	90	1.2	EK
	CULG	30	0202	0202	0209	N13	W37	4398	01	27.3	7	SF		C	C	0202	40	.5	
	PALE	30	0203	0206	0209	N13	W36	4398	01	27.4	6	SF	C 3.8	3	C		33		
	LEAR	30	0205	0206	0209	N13	W35	4398	01	27.4	4	SN	C 3.8	3	C		35		
0307	PALE	30	0323	0326U	0327D	N09	W11	4399	01	29.3	4D	SF		3	C		36		
0308		30	0430	04317	0511	N09	W13	4399	01	29.2	41	1B	M 2.9				262	4.3	EFK
	LEAR	30	0430	0431	0512	N09	W12	4399	01	29.3	42	SB		3	C		87		K
	CULG	30	0430	0438	0508	N10	W14	4399	01	29.1	38	1B			C	0438	390	4.3	E
	LEAR	30	0430	0438	0512	N09	W12	4399	01	29.3	42	1B	M 2.9	3	C		309		FK
0309		30	0710	0724*	0758	N10	W38	4398	01	27.4	48	SF	C 2.3				112	1.4	E
	LEAR	30	0710	0724	0758	N11	W38	4398	01	27.4	48	SF	C 2.3	3	C		118		
	ABST	30	0737E	0742	0811D	N10	W37	4398	01	27.5	34D	SF			P	0742	105	1.4	E
0310	ABST	30	0754E	0806	0811D	N07	W14	4400	01	29.3	17D	SF			P	0806	87	1.0	D
0311	ABST	30	0755E	0756	0811D	N18	W32	4398	01	27.9	16D	SF			P	0756	87	1.2	E
0312		30	0906	0912	0916	N15	W41	4398	01	27.3	10	SN	C 1.9				162		EFH
	LEAR	30	0906	0912	0917	N14	W40	4398	01	27.3	11	SN	C 1.9	3	C		162		F
	KHAR	30	0910E		0915D	N16	W43	4398	01	27.1	5D	SN			V				EH
	KANZ	30	0914E	0914U	0916	N14	W39	4398	01	27.4	2D	SN		1					
0313		30	0910	0915	0926	N08	W16	4399	01	29.2	16	SN					47		F
	LEAR	30	0910	0915	0922	N08	W16	4399	01	29.2	12	SN		3	C		47		F
	KANZ	30	0914E	0914U	0929	N08	W15	4399	01	29.3	15D	SN		1					
0314	KANZ	30	1055E	1055D	1101D	N09	W16	4399	01	29.2	6D	SN		1					
		30	1121		1133	No Flare Patrol													
		30	1242		1248	No Flare Patrol													
0315	RAMY	30	1310	1310	1354	N12	W38	4398	01	27.7	44	SN	C 2.9	3	C		27		F
0316	RAMY	30	1408	1410	1447	N10	W17	4399	01	29.3	39	SN		3	C		46		F
0317		30	1422	1433*	1519	N13	W38	4398	01	27.7	57	SN					38		K
	RAMY	30	1422	1433	1519	N13	W38	4398	01	27.7	57	SF		3	C		22		K
	RAMY	30	1422	1453	1519	N13	W38	4398	01	27.7	57	SN		3	C		55		K
0318	RAMY	30	1607	1607	1625	N08	W20	4399	01	29.2	18	SF	C 1.1	3	C		25		
0319	RAMY	30	1828	1830	1843	N09	W22	4399	01	29.1	15	SN	C 1.1	3	C		51		
0320	RAMY	30	2008	2019	2042	N14	W63	4404	01	26.1	34	SF		3	C		13		
0321		30	2030*	2031*	2133	N13	W42	4398	01	27.7	63	SB	C 2.2				45		EF
	HOLL	30	2030	2031	2113D	N13	W40	4398	01	27.8	43D	SB	C 2.2	3	C		45		
	RAMY	30	2053	2057	2133	N15	W42	4398	01	27.7	40	SB		3	C		45		FE
	PALE	30	2056E	2059U	2133	N12	W44	4398	01	27.5	37D	SN		3	C		45		F
	HOLL	30	2057E	2057U	2103D	N13	W40	4398	01	27.8	6D	SB		3	C		45		
0322		30	2124	2126	2137	N10	W22	4399	01	29.2	13	SN					48		F
	RAMY	30	2124	2126	2137	N11	W20	4399	01	29.4	13	SN		2	C		55		F
	PALE	30	2124	2126	2137	N08	W23	4399	01	29.2	13	SF		3	C		42		
		30	2302		2319	No Flare Patrol													
0323	VORO	30	2345	2349	2353	N08	W29	4400	01	28.8	8	SF			C	2349	99	1.2	D
0324	LEAR	30	2351	2357	2401	N16	W50	4397	01	27.2	10	SF		3	C		25		
0325	VORO	31	0025	0026	0028	N05	W41	4400	01	27.9	3	SF			C	0026	81	1.2	D
0326		31	0042	0047	0106	N16	W50	4397	01	27.2	24	SN	C 2.1				66		FH
	PALE	31	0042	0047	0101	N15	W51	4397	01	27.2	19	SN	C 2.1	3	C		57		F
	LEAR	31	0049E		0110	N16	W50	4397	01	27.2	21D	SF	C 2.1	3	C		76		H

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JANUARY 1984

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
0327	PALE	31	0129	0135	0145	N14	W45	4398	01	27.7	16	SF			3	C		40		F
0328	VORO	31	0247	0250	0252	N07	W56		01	26.9	5	SF				C	0250	90	1.6	D
0329	LEAR	31	0420	0450	0509	N13	W48	4398	01	27.5	49	SN	C	3.1	3	C		71		F
0330	LEAR	31	0539	0539	0540D	N17	W56	4397	01	27.0	1D	1N	C	8.1	3	C		179		
0331	ABST	31	0601E	0609	0701D	N11	W49	4398	01	27.6	60D	SN				P	0609	87	1.4	E
0332		31	0705E	0711	0806	N08	W48	4400	01	27.7	61D	SN						56	1.5	D
	ABST	31	0705E	0711	0806	N08	W51	4400	01	27.5	61D	SN				P	0710	87	1.5	D
	LEAR	31	0710E	0711	0714D	N09	W45	4400	01	27.9	4D	SF			2	C		25		
0333		31	0711E	0714	0757	N11	W24	4399	01	29.5	46D	SN						34		E
	LEAR	31	0711E	0714	0714D	N11	W25	4399	01	29.4	3D	SF			2	C		34		
	ISTA	31	0730E		0757	N11	W24	4399	01	29.5	27D	SB								E
0334		31	07102	07268	0754	N18	W54	4397	01	27.2	44	1B						326	6.6	DEU
	ABST	31	0710	0726	0738D	N16	W53	4397	01	27.3	28D	1N				P	0726	260	4.7	E
	ABST	31	0712	0734	0755	N21	W55	4397	01	27.1	43	2B				C	0734	393	8.4	E
	ISTA	31	0730E		0754	N18	W51	4397	01	27.4	24D	SN								D
	ISTA	31	0730E		0754	N16	W56	4397	01	27.1	24D	SB								D
	ISTA	31	0730E		0855D	N19	W54	4397	01	27.2	85D	1B								U
0335	ISTA	31	0750E		0758	S18	W65	4407	01	26.4	8D	SF								D
0336		31	08331	08344	0844	N09	W28	4399	01	29.2	11	SN						87	1.0	DV
	ABST	31	0833	0834	0846	N08	W28	4399	01	29.2	13	SN				C	0834	87	1.0	DV
	KANZ	31	0834	0838	0842	N10	W27	4399	01	29.3	8	SF			1					
0337	KANZ	31	0955	0955	0958	N10	W27	4399	01	29.4	3	SF			2					
		31	1018		1041	No Flare Patrol														
		31	1043		1049	No Flare Patrol														
0338	KANZ	31	1050E	1057U	1159D	N15	W45	4398	01	28.0	69D	SB			2					
		31	1051		1054	No Flare Patrol														
0339	KANZ	31	1106	1106	1114	N09	W28	4399	01	29.4	8	SB			2					E
		31	1126		1135	No Flare Patrol														
0340		31	1137	1204*	1357	N17	W55	4398	01	27.3	140	SB						95		EKS
	RAMY	31	1137	1204	1357	N17	W55	4398	01	27.3	140	SN			3	C		68		K
	RAMY	31	1137	1300	1357	N17	W55	4398	01	27.3	140	SB			3	C		122		ESK
		31	1217		1222	No Flare Patrol														
0341		31	1256	12582	1303D	N16	W60	4397	01	27.0	7D	1B	M	1.2				259		F
	RAMY	31	1256	1258	1258D	N16	W62	4397	01	26.8	2D	1B			3	C		270		
	RAMY	31	1256	1300	1303D	N15	W58	4397	01	27.1	7D	1B	M	1.2	3	C		248		F
0342	RAMY	31	1239	1247	1252	N09	W30	4399	01	29.3	13	SF			3	C		23		
0343	HOLL	31	1952	1956	2015	N12	W31	4399	01	29.5	23	SF	C	2.0	3	C		29		F
0344		31	20084	20102	2026	N12	W09	4403	01	31.2	18	SF						28		
	HOLL	31	2008	2010	2030	N12	W09	4403	01	31.2	22	SF			3	C		21		
	RAMY	31	2012	2012	2021	N12	W09	4403	01	31.2	9	SF			3	C		36		
0345		31	2053	20531	2110	N10	W33	4399	01	29.4	17	SB						27		
	RAMY	31	2053	2053	2110	N11	W33	4399	01	29.4	17	SB			3	C		29		
	HOLL	31	2053	2054	2110	N10	W33	4399	01	29.4	17	SN			3	C		25		
0346	RAMY	31	2110	2113	2125	N15	W58	4398	01	27.5	15	SN			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	Area Measurement Time (UT)	Area Measurement Apparent (10^{-6} Disk)	Area Measurement Corr (Sq Deg)	Remarks
0347	RAMY	31	2129	2136	2143	N14	W59	4398	01	27.4	14	SF		3	C		26		
0348	HOLL	31	2213	2213	2218	N10	W35	4399	01	29.3	5	SF	C 2.3	3	C		27		
0349	HOLL	31	2248	2249	2259	N13	W10	4403	01	31.2	11	SF		3	C		35		
0350		31	2252	2253	2311	N10	W34	4399	01	29.4	19	SN					30		
	HOLL	31	2252	2253	2308	N11	W34	4399	01	29.4	16	SN		3	C		32		
	PALE	31	2256E	2256U	2314	N10	W35	4399	01	29.3	18D	SF		3	C		28		
0351		31	2311	2314	2336	N14	W10	4403	01	31.2	25	SF					32	.3	
	LEAR	31	2311	2314	2338	N14	W10	4403	01	31.2	27	SF		3	C		35		
	MANI	31	2312E	2314	2335	N14	W10	4403	01	31.2	23D	SF		1	V		30	.3	
0352		31	2325	2326*	2404	N15	W57	4398	01	27.7	39	SN					43	.5	K
	MANI	31	2325	2326U	2403	N15	W57	4398	01	27.7	38	SN		1	V		25	.5	
	HOLL	31	2325	2326	2405	N15	W57	4398	01	27.7	40	SN		3	C		33		K
	HOLL	31	2325	2336	2405	N15	W57	4398	01	27.7	40	SN		3	C		72		K
0353		31	2334	23351	2339	N15	W63	4397	01	27.2	5	SN	C 2.2				61	1.2	
	MANI	31	2334	2335	2338	N15	W63	4397	01	27.2	4	SN	C 2.2	1	V		55	1.1	
	CULG	31	2334	2336	2338	N14	W64	4397	01	27.1	4	SF			C	2336	50	1.2	
	LEAR	31	2334	2336	2340	N15	W63	4397	01	27.2	6	SN	C 2.2	3	C		77		

"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.