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Jan 92

H α SOLAR FLARES

JANUARY 1992

Grp #	Sta	Start Day	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Opt	Xray	Obs See	Type	Area Measurement			Remarks	
															Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0001	01	00069	00171	0047	S16	W48	6985	12	28.5	41	SF					36			
	LEAR	01	0006	0018	0047	S15	W48	6985	12	28.5	41	SF	3	E		50			
	PALE	01	0015	0017	0128D	S17	W47	6985	12	28.5	73D	SF	3	E		21			
0002	YUNN	01	0248E	0248U	0300	S13	W89		12	25.5	12D	SN		P	0248	49		A	
0003	01	0253*	0254*	0343	S12	W18	6992	12	30.9	50	1N M	1.2				276	3.3	DEFIJ	
	VORO	01	0253	0254	0300D	S12	W18	6992	12	30.9	7D	SF	1	C	0258	179	2.0	DIJ	
	YUNN	01	0253	0314	0345	S11	W17	6992	12	30.9	52	1N		C		439	4.8		
	MITK	01	0254	0315	0352	S12	W18	6992	12	30.9	58	2B		C	0315	470	5.2	E	
	PEKG	01	0258	0310	0341	S11	W19	6992	12	30.8	43	1B		C	0310	336	3.7	E	
	LEAR	01	0303	0314	0354	S12	W18	6992	12	30.9	51	1N M	1.2	3	E		180		FE
WATU	01	0311E	0311	0322	S15	W18	6992	12	30.9	11D	SF		P	0311	50	0.6	E		
0004	01	03236	03305	0344	S16	W48	6985	12	28.6	21	1N M	2.8				202	3.8	DEF	
	LEAR	01	0323	0331	0351	S18	W47	6985	12	28.7	28	SN M	2.8	3	E		67		FE
	PEKG	01	0328	0335	0341	S14	W48	6985	12	28.6	13	SB		P	0335	105	1.7	D	
	YUNN	01	0328	0335	0345	S16	W46	6985	12	28.7	17	2N		C		504	7.6	F	
MITK	01	0329	0330	0340	S15	W51	6985	12	28.4	11	1N		C	0330	130	2.2	E		
0005	WATU	01	0332E		0336	S16	W18	6988	12	30.9	4D	SF		P	0332	90	1.0	E	
0006	01	03423	03468	0408	S12	E69	6993	01	6.3	26	1N M	5.8				185		CEF	
	YUNN	01	0342	0347	0402	S12	E69	6993	01	6.3	20	1N		C		228			
	LEAR	01	0342	0354	0429	S11	E67	6993	01	6.2	47	1F M	5.8	3	E		120		FE
	MITK	01	0344	0346	0400	S12	E70	6993	01	6.4	16	1N		C	0346	140		E	
	PEKG	01	0345	0347	0403	S12	E70	6993	01	6.4	18	2B		C	0347	252		C	
0007	01	08559	09101	0941	S12	W24	6992	12	30.7	46	SN C	7.8				133	2.0	E	
	HTPR	01	0855	0910	1000	S12	W27	6992	12	30.4	65	1B		C	0910	200	2.0	E	
	KANZ	01	0902	0910	0934	S12	W22	6992	12	30.8	32	SN		2	C				
	LEAR	01	0904	0911	0929	S12	W22	6992	12	30.8	25	SF C	7.8	3	E		66		
0008	01	09291	09331	0944	S11	E62	6993	01	6.0	15	1F					106			
	HTPR	01	0929	0933	0945	S12	E63	6993	01	6.1	16	SF		C	0933	80			
	LEAR	01	0930	0933	0942	S11	E61	6993	01	6.0	12	1F		3	E		131		
	KANZ	01	0930	0934	0946	S11	E63	6993	01	6.1	16	1F		2	C				
0009	HTPR	01	1000		1010	S06	W90		12	25.8	10	SN		C					
0010	SVTO	01	1028	1029	1033	S14	W24	6988	12	30.7	5	SF		3	E		29		
0011	01	11184	11265	1157	S11	E64	6993	01	6.3	39	1N M	3.3				170		EF	
	SVTO	01	1118	1131	1159	S09	E64	6993	01	6.3	41	1N M	3.3	3	E		182		F
	HTPR	01	1120	1128	1155	S12	E62	6993	01	6.1	35	1B		C	1128	250		E	
	KANZ	01	1122	1126	1158	S11	E65	6993	01	6.4	36	1F		2	C				
	RAMY	01	1137E	1137U	1157	S13	E64	6993	01	6.3	20D	SF		1	E		78		F
0012	01	11451	11586	1213	S14	E73	6994	01	7.0	28	SF					27			
	SVTO	01	1145	1204	1213	S14	E71	6994	01	6.8	28	SF		3	E		27		
	KANZ	01	1146	1158	1211D	S15	E75	6994	01	7.2	25D	SF		2	C				
0013	01	12002	12002	1212	S12	E41	6991	01	4.6	12	SF					31			
	SVTO	01	1200	1200	1212	S11	E41	6991	01	4.6	12	SF		3	E		31		
	KANZ	01	1202	1202	1211D	S13	E41	6991	01	4.6	9D	SF		2	C				
0014	01	12437	12541	1310	S16	E70	6994	01	6.8	27	SF C	7.0				72		EF	
	RAMY	01	1243	1254	1314	S16	E73	6994	01	7.1	31	SF C	7.0	4	E		83		F
	SVTO	01	1246	1255	1316	S14	E74	6994	01	7.1	30	SF		3	E		33		
	HTPR	01	1250	1254	1301	S18	E63	6994	01	6.3	11	SF		C	1254	100		E	
0015	KANZ	01	1326	1330	1334	S20	W33	6988	12	30.1	8	SF		2	C				
0016	HOLL	01	1549E	1549U	1556	S14	W49	6985	12	29.0	7D	SF C	2.6	2	E		29		
0017	01	16232	16251	1636	S18	W30	6988	12	30.5	13	SF					36		F	
	HOLL	01	1623	1625	1636	S20	W29	6988	12	30.6	13	SF		3	E		56		
	RAMY	01	1625	1626	1635	S16	W32	6988	12	30.3	10	SF		3	E		17		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Opt Xray	Obs See	Type	Area Measurement			Remarks	
															Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0018	HOLL	01	1733	1743	1756	S16	W57	6985	12	28.5	23	SF	3	E		20			
0019	HOLL	01	1747	1749	1759	S12	E64	6994	01	6.6	12	SF	3	E		21			
0020	HOLL	01	1941	1946	1958	S15	W56	6985	12	28.7	17	SF	3	E		20			F
0021		01	1958*	20321	2053	S16	W58	6985	12	28.5	55	SF M 5.1				94			EFH
	HOLL	01	1958	2033	2124D	S16	W58	6985	12	28.5	86D	1N M 5.1	3	E		181			EH
	PALE	01	2032	2032	2043	S16	W58	6985	12	28.5	11	SF	3	E		62			FH
	PALE	01	2054E	2054U	2103	S17	W58	6985	12	28.6	9D	SF	3	E		38			
0022		01	2011*	2023	2044	S12	W26	6992	12	31.0	33	2N M 2.4				308			FH
	HOLL	01	2011	2023	2050	S12	W26	6992	12	31.0	39	2B M 2.4	3	E		384			F
	PALE	01	2021	2023	2038	S11	W27	6992	12	30.9	17	1F	3	E		232			FH
0023	HOLL	01	2140	2149	2201	S11	E34	6991	01	4.5	21	SF	3	E		22			
0024	HOLL	01	2222	2240	2258	S13	E33	6991	01	4.4	36	SF	3	E		23			F
		01	2341		2349	No Flare Patrol													
0025	VORO	02	0139	0142	0147	S09	E55	6993	01	6.2	8	SF	1	C	0142	81	1.4		DIJT
0026	VORO	02	0143	0144	0158	S09	E36	6991	01	4.8	15	SF	1	C	0144	90	1.1		DIJT
0027	VORO	02	0225	0226	0229	S12	W33	6992	12	30.7	4	SF	1	C	0226	72	0.9		DIJT
0028		02	03586	04064	0426	S16	W34	6988	12	30.7	28	SF C 4.9				66	0.7		F
	LEAR	02	0358	0410	0437	S16	W37	6988	12	30.4	39	SF C 4.9	3	E		71			F
	WATU	02	0404	0406	0414	S15	W32	6988	12	30.8	10	SF		C	0406	60	0.7		
0029	LEAR	02	0414	0415	0428	S15	E59	6994	01	6.6	14	SF	3	E		43			F
0030		02	06437	0657	0707	S16	W66	6985	12	28.4	24	1N C 6.6				125			EH
	LEAR	02	0643	0657	0713	S17	W66	6985	12	28.4	30	1N C 6.6	3	E		201			EH
	YUNN	02	0650	0654U	0701	S16	W65	6985	12	28.4	11	SN		P	0654	49			
0031	LEAR	02	0656	0702	0714	S16	W39	6988	12	30.4	18	SF	3	E		43			
0032		02	0657*	07086	0728	S09	E52	6993	01	6.2	31	SF C 8.4				56	0.8		F
	LEAR	02	0657	0708	0735	S10	E52	6993	01	6.2	38	SF C 8.4	3	E		63			F
	SVTO	02	0709E	0710	0722	S08	E52	6993	01	6.2	13D	SF	1	E		57			F
	YUNN	02	0710	0714	0727	S10	E52	6993	01	6.2	17	SF		C		49	0.8		
0033	YUNN	02	0714E	0714U	0717	S13	E57	6994	01	6.6	3D	SN		P	0714	33	0.6		
0034		02	07492	0803*	0836	S20	W58	6985	12	29.0	47	SF				20			
	SVTO	02	0749	0803	0810	S23	W56	6985	12	29.1	21	SF	3	E		11			
	LEAR	02	0751	0831	0903	S17	W59	6985	12	28.9	72	SF	3	E		28			
0035		02	0753*	0827	0846	S09	E52	6993	01	6.2	53	SF				48			
	LEAR	02	0753	0827	0849	S09	E50	6993	01	6.1	56	SF	3	E		56			
	SVTO	02	0826	0827	0843	S09	E53	6993	01	6.3	17	SF	3	E		41			
0036		02	08441	08522	0910	S10	E31	6991	01	4.7	26	SF C 3.7				42	1.0		F
	SVTO	02	0844	0852	0910	S09	E34	6991	01	4.9	26	SF C 3.7	3	E		22			F
	HTPR	02	0844	0854	0915	S10	E30	6991	01	4.6	31	SF		C	0854	80	1.0		
	LEAR	02	0845	0852	0905	S11	E28	6991	01	4.5	20	SF	3	E		25			
0037	SVTO	02	0908	0908	0912	S14	E62	6994	01	7.1	4	SF	3	E		18			
0038	HTPR	02	1006	1010	1015	S21	W57	6985	12	29.1	9	1F		C	1010	130			
0039		02	1009	10153	1057	S19	W40	6988	12	30.5	48	SF C 4.8				87	1.2		EF
	HTPR	02	1009	1015	1050	S18	W40	6988	12	30.5	41	SF		C	1015	90	1.2		E
	SVTO	02	1012E	1018	1104	S20	W40	6988	12	30.5	52D	SF C 4.8	3	E		84			F
0040		02	10541	10552	1106	S09	E52	6993	01	6.3	12	SF				61	1.7		
	SVTO	02	1054	1055	1107	S08	E53	6993	01	6.4	13	SF	3	E		22			
	HTPR	02	1055	1057	1105	S10	E50	6993	01	6.2	10	SF		C	1057	100	1.7		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0041		02	12164	12208	1302	S17	E59	6994	01	7.0	46	SN	M 1.8			117			EF
	KANZ	02	1216	1220	1300	S16	E61	6994	01	7.1	44	SF		2	C				
	HTPR	02	1216	1225	1300	S18	E58	6994	01	6.9	44	1B			C	1225	150		E
	RAMY	02	1220	1228	1307	S17	E58	6994	01	6.9	47	SF	M 1.8	3	E		84		F
0042		02	14254	1430	1516	S15	W44	6988	12	30.4	51	1N	C 6.7				174	4.2	EF
	HTPR	02	1425	1430	1515	S15	W45	6988	12	30.3	50	1N			C	1430	300	4.2	E
	RAMY	02	1429	1430	1516	S15	W43	6988	12	30.4	47	SF	C 6.7	3	E		49		F
0043	HOLL	02	1644	1651	1704	S11	W38	6992	12	30.9	20	SF	C 2.7	3	E		43		F
0044	HOLL	02	1749	1752	1804	S11	E55	6993	01	6.9	15	SF	C 3.9	3	E		45		F
0045	HOLL	02	1749	1801	1814	S12	E27	6991	01	4.8	25	SF		3	E		34		F
0046	HOLL	02	1754	1757	1814	S18	W65	6985	12	28.9	20	SF		3	E		58		
0047	HOLL	02	1831	1842	1905	S19	W52	6988	12	29.9	34	SF	C 4.3	3	E		38		F
0048	HOLL	02	1922	1928	1934	S17	W65	6985	12	29.0	12	SF	C 5.0	3	E		48		
0049	HOLL	02	1943	1949	2021	S09	E48	6993	01	6.4	38	SF		3	E		28		
0050		02	2104	2107	2230D	S14	E54	6994	01	6.9	86D	SN	C 9.3				44		EF
	HOLL	02	2104	2107	2230D	S15	E53	6994	01	6.9	86D	SN	C 9.3	3	E		55		FE
	PALE	02	2107E	2111U	2147D	S14	E56	6994	01	7.1	40D	SN		3	E		32		FE
		02	2132		2223	No Flare Patrol													
0051	PALE	02	2142E	2142U	2230	S08	E50	6993	01	6.6	48D	SN	M 1.9	3	E		43		F
0052		03	01549	01549	0210	S12	W43	6992	12	30.9	16	SF					30	0.4	D
	PALE	03	0154	0154	0212	S11	W43	6992	12	30.9	18	SF		3	E		30		
	WATU	03	0203	0203	0209	S12	W43	6992	12	30.9	6	SF			C	0204	30	0.4	D
0053		03	0425*	0502	0531	S10	E41	6993	01	6.3	66	SN	C 7.1				60	0.7	EF
	LEAR	03	0425	0502	0536	S12	E41	6993	01	6.3	71	SN	C 7.1	3	E		71		FE
	MITK	03	0459	0502	0537	S10	E40	6993	01	6.2	38	SN			C	0502			E
	URUM	03	0502E	0502U	0519	S09	E42	6993	01	6.4	17D	SN			C		48	0.7	E
0054	WATU	03	0513E		0516	S15	E45	6994	01	6.6	3D	SF			P	0513	120	1.8	E
0055		03	05389	05505	0613	S17	E45	6994	01	6.6	35	1N	C 8.0				169	2.3	E
	LEAR	03	0538	0549U	0549D	S18	E45	6994	01	6.7	11D	1N	C 8.0	3	E		207		
	URUM	03	0545E	0549U	0615	S18	E44	6994	01	6.6	30D	SN			C		64	0.9	E
	PEKG	03	0546	0550	0608	S17	E46	6994	01	6.7	22	1N			P	0550	210	3.1	E
	YUNN	03	0547	0555	0616	S16	E45	6994	01	6.6	29	1N			C		195	2.9	
0056		03	05472	05522	0600	S12	W48	6992	12	30.7	13	SN					32	0.5	E
	YUNN	03	0547	0554	0600	S12	W49	6992	12	30.6	13	SN			C		33	0.5	
	URUM	03	0549	0552	0600	S12	W46	6992	12	30.9	11	SF			C		32	0.5	E
0057		03	08033	08042	0812	S12	W47	6992	12	30.9	9	SF					11		D
	SVTO	03	0803	0804	0812	S13	W47	6992	12	30.9	9	SF		3	E		11		
	ISTA	03	0804		0810	S11	W48	6992	12	30.8	6	SF			P				D
	KANZ	03	0806	0806	0814	S13	W47	6992	12	30.9	8	SF		2	C				
0058		03	0824*	08343	0850	S10	E40	6993	01	6.3	26	SF	C 4.4				41		EF
	SVTO	03	0824	0835	0919	S09	E39	6993	01	6.3	55	SF	C 4.4	3	E		51		F
	ISTA	03	0833		0838	S11	E41	6993	01	6.4	5	1N			P				E
	KANZ	03	0834	0834	0842	S10	E38	6993	01	6.2	8	SF		2	C				
	LEAR	03	0835	0837	0843	S11	E40	6993	01	6.4	8	SF		3	E		31		F
0059		03	0826	0826	0830	S12	W48	6992	12	30.8	4	SF					100		E
	KANZ	03	0826	0826	0830	S12	W47	6992	12	30.9	4	SF		2	C				
	HTPR	03	0828E		0830D	S11	W48	6992	12	30.8	2D	SF			C	0829	100		E

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0060		03	0853*	0858*	0954	S17	E44	6994	01	6.7	61	1N	M	3.6			158	2.4	EFKZ	
	LEAR	03	0853	0940	1020	S19	E44	6994	01	6.7	87	1N	M	3.6	3	E	162		FE	
	SVTO	03	0853	0942	1031D	S15	E45	6994	01	6.8	98D	1N			3	E	123		F	
	KANZ	03	0854	0858	0906	S17	E44	6994	01	6.7	12	SN			2	C				
	ISTA	03	0855		1004	S17	E46	6994	01	6.9	69	2B				P			K	
	KAND	03	0855	0938	0958	S16	E44	6994	01	6.7	63	1N				P	0938	208	2.9	EZ
	ONDR	03	0900U	0923U	0955	S17	E45	6994	01	6.8	55U	1N				P	0923	145	2.2	E
	HTPR	03	0906E		0922D	S18	E43	6994	01	6.6	16D	1N				C	0915	150	2.1	
KANZ	03	0922	0941	0958	S17	E44	6994	01	6.7	36	1N			2	C					
0061	KAND	03	0905	0910	0920	S12	W49	6992	12	30.8	15	SF				P	0910	62	1.0	D
0062	HTPR	03	0906E		0922D	S10	E40	6993	01	6.4	16D	1N				C	0915	200	2.6	E
0063		03	1010*	1012*	1056	S10	E39	6993	01	6.3	46	SN					156	2.0	DEZ	
	KAND	03	1010	1012	1025	S10	E39	6993	01	6.3	15	SN				P	1012	62	0.8	D
	KANZ	03	1043	1047	1103	S11	E39	6993	01	6.4	20	SF			2	C				
	KAND	03	1043	1047	1121	S09	E39	6993	01	6.4	38	1B				P	1047	249	3.3	EZ
0064		03	1323	1327*	1359	S12	E37	6993	01	6.3	36	SF	C	4.2			34		FK	
	KANZ	03	1323	1327	1335	S11	E37	6993	01	6.3	12	SF			2	C				
	RAMY	03	1323	1327	1411	S12	E37	6993	01	6.3	48	SF				E		36		K
	RAMY	03	1323	1344	1411	S12	E37	6993	01	6.3	48	SF	C	4.2	3	E		33		F
0065		03	1625	1714	1815	S10	E34	6993	01	6.2	110	SF	M	1.3			52		F	
	RAMY	03	1625	1714	1815	S12	E34	6993	01	6.2	110	SF	M	1.3	3	E		78		
	PALE	03	1740E	1740U	1851D	S08	E33	6993	01	6.2	71D	SF			2	E		27		F
0066	PALE	03	1905E	1905U	1911	S09	E36	6993	01	6.5	6D	SF	M	1.1	3	E		28		
		03	2020		2051	No Flare Patrol														
0067	PALE	03	2135	2141	2208D	S10	E31	6993	01	6.2	33D	SF	M	1.3	3	E		39		F
		03	2156		2207	No Flare Patrol														
0068	PALE	03	2220	2224U	2257D	S08	E32	6993	01	6.3	37D	SN	M	1.7	3	E		69		EF
0069	LEAR	03	2305	2305	2351	S10	E30	6993	01	6.2	46	SF	C	9.6	3	E		69		F
0070	LEAR	04	0012	0015	0019	S18	W81	6985	12	28.9	7	SF	C	5.6	3	E		30		
0071	MITK	04	0023	0025	0038	S09	E31	6993	01	6.3	15	SF				C	0025			
0072		04	0222*	0229*	0330	S10	E30	6993	01	6.3	68	SN	M	1.1			115	1.6	EFIJT	
	VORO	04	0222	0229	0259D	S10	E30	6993	01	6.3	37D	SF			1	C	0229	116	1.4	EIJT
	MITK	04	0225	0232	0351	S10	E30	6993	01	6.3	86	1N				C	0232	200	2.4	E
	PEKG	04	0225	0240	0325	S10	E29	6993	01	6.3	60	1F				P	0240	252	2.9	E
	WATU	04	0301E		0313	S09	E30	6993	01	6.4	12D	SN				P	0301	50	0.6	F
	LEAR	04	0301	0302	0330	S10	E28	6993	01	6.2	29	SN	M	1.1	3	E		24		FE
	YUNN	04	0313E	0313U	0331	S09	E32	6993	01	6.5	18D	SN				P	0313	49	0.6	
0073	LEAR	04	0419	0426	0439	S10	E27	6993	01	6.2	20	SF	C	5.3	3	E		26		F
0074		04	05302	05373	0616	S10	E27	6993	01	6.2	46	1N	M	2.4			189	2.4	EF	
	LEAR	04	0530	0537	0623	S10	E26	6993	01	6.2	53	1N	M	2.4	3	E		110		F
	MITK	04	0531	0539	0622	S10	E28	6993	01	6.3	51	1B				C	0539	250	2.9	E
	PEKG	04	0531	0540	0621	S10	E27	6993	01	6.2	50	1N				P	0540	252	2.9	E
	WATU	04	0532	0537	0555	S11	E28	6993	01	6.3	23	SN				C	0537	90	1.0	E
	YUNN	04	0539E	0539U	0621	S09	E27	6993	01	6.3	42D	1B				P	0539	244	2.8	
0075	ISTA	04	0813	0853	0908	S10	E28	6993	01	6.4	55	SF				P				E
0076	SVTO	04	1028	1029	1047D	S19	E33	6997	01	6.9	19D	SF				E		21		F
0077		04	10503	1059	1107	S16	W71	6988	12	30.2	17	1N					21		FH	
	HTPR	04	1050		1102D	S14	W72	6988	12	30.1	12D	1N				C				H
	SVTO	04	1053	1059	1107	S19	W70	6988	12	30.2	14	SF			3	E		21		F

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Grp #	Sta	Start Day	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
														Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0078	04	11086	11202	1212	S18	W64	6988	12	30.7	64	2N				288	6.9	EF
	KANZ	04 1108	1120	1212	S18	W65	6988	12	30.6	64	1F	2	C				
	ONDR	04 1114	1122	1135D	S19	W64	6988	12	30.7	21D	2N		P	1122	288	6.9	FE
0079	KANZ	04 1204	1204	1216	S11	E21	6993	01	6.1	12	SF	2	C				
0080	KANZ	04 1344	1344	1352	S20	E31	6997	01	6.9	8	SF	2	C				
		04 1401		1426	No Flare Patrol												
		04 1616		1647	No Flare Patrol												
		04 1652		1728	No Flare Patrol												
		04 1752		1810	No Flare Patrol												
0081	04	18301	18323	1928	S17	W72	6988	12	30.4	58	1N M 4.4				170		EFZ
	PALE	04 1830	1835	1949	S17	W71	6988	12	30.5	79	1F	3	E		168		F
	RAMY	04 1831	1832	1908	S17	W74	6988	12	30.2	37	1N M 4.4	4	E		173		ZE
		04 2209		2223	No Flare Patrol												
0082	04	23561	2359	2410	S09	E18	6993	01	6.3	14	SF C 6.2				52		EF
	LEAR	04 2356	2359	2411	S09	E18	6993	01	6.3	15	SF C 6.2	3	E		52		F
	MITK	04 2357	2359	2409	S09	E19	6993	01	6.4	12	SF		C	2359			E
0083	05	02375	02526	0336	S17	E22	6994	01	6.8	59	1N M 1.8				260	3.0	EF
	LEAR	05 0237	0252	0356	S18	E21	6994	01	6.7	79	1N M 1.8	3	E		247		F
	YUNN	05 0241E	0252	0330	S17	E21	6994	01	6.7	49D	2N		P		455	5.2	F
	WATU	05 0242	0256	0311	S17	E23	6994	01	6.9	29	SN		C	0256	30	0.3	F
	MITK	05 0242	0258	0345	S17	E22	6994	01	6.8	63	1N		C	0258	310	3.5	EF
0084	05	0248	02521	0357	S20	E25	6997	01	7.0	69	SF				70		F
	PALE	05 0246E	0253	0338D	S19	E24	6997	01	6.9	52D	SF	3	E		96		F
	LEAR	05 0248	0252	0357	S21	E26	6997	01	7.1	69	SF	3	E		45		
0085	05	0455*	0503*	0538	S16	E19	6994	01	6.6	43	SF M 1.3				95	0.6	EF
	LEAR	05 0455	0525	0604	S16	E20	6994	01	6.7	69	1F M 1.3	3	E		140		F
	WATU	05 0501	0503	0511	S17	E18	6994	01	6.6	10	SF		C	0503	50	0.6	E
	MITK	05 0516	0545	0552D	S16	E20	6994	01	6.7	36D	SN		C	0545			E
0086	05	0729*	0737*	0840	S10	E12	6993	01	6.2	71	SF C 5.6				44	0.7	EFK
	LEAR	05 0729	0741	0855	S10	E13	6993	01	6.3	86	SF C 5.6	3	E		59		F
	LEAR	05 0729	0829	0855	S10	E13	6993	01	6.3	86	SN		E		37		K
	WATU	05 0732	0737	0747	S11	E12	6993	01	6.2	15	SN		C	0737	70	0.7	E
	SVTO	05 0736E	0750	0813	S10	E13	6993	01	6.3	37D	SF	3	E		36		F
	SVTO	05 0825	0844	0933	S10	E13	6993	01	6.3	68	SF	3	E		19		F
	ISTA	05 0830		0838	S09	E09	6993	01	6.0	8	SF		P				E
0087	SVTO	05 0849	0907	0925	N06	E47	6996	01	8.9	36	SF	3	E		34		
0088	05	0935*	0941*	1032	S12	E12	6993	01	6.3	57	SF C 4.7				42		F
	SVTO	05 0935	0956	1109	S12	E10	6993	01	6.1	94	SF C 4.7	3	E		42		F
	KANZ	05 0937	0941	1005	S13	E10	6993	01	6.1	28	SF	2	C				
	KANZ	05 0957	0957	1021	S10	E15	6993	01	6.5	24	SF	2	C				
0089	KANZ	05 1025	1025	1041	S11	E18	6994	01	6.8	16	SF	2	C				
0090	KANZ	05 1025	1029	1045	S11	E09	6993	01	6.1	20	SF	2	C				
0091	KANZ	05 1105	1105	1109	S17	W71	6992	12	31.1	4	SF	2	C				
0092	KANZ	05 1242	1242	1247	S21	W77	6988	12	30.7	5	SF	2	C				
0093	KANZ	05 1247	1247	1259	N19	W06	6991B	01	5.1	12	SF	2	C				
0094	05	1316	13204	1438D	S12	E10	6993	01	6.3	82D	1N M 1.9				110		F
	KANZ	05 1316	1320	1404D	S12	E10	6993	01	6.3	48D	1N	2	C				
	SVTO	05 1316	1324	1438D	S11	E10	6993	01	6.3	82D	1N M 1.9	3	E		153		F
	RAMY	05 1345E	1346U	1408D	S14	E09	6993	01	6.2	23D	SF	2	E		68		F
		05 1439		2021	No Flare Patrol												

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Grp #	Sta	Start Day	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur (Min)	Imp Opt	Xray	See	Obs Type	Area Measurement			Remarks			
														Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)				
0095	HOLL	05 2022	2024U	2054D	S16	E13	6994	01	6.8	32D	1F	M	1.0	2	E	127		F		
		05 2055		2108	No Flare Patrol															
		05 2110		2138	No Flare Patrol															
		05 2148		2158	No Flare Patrol															
		05 2218		2225	No Flare Patrol															
		05 2227		2235	No Flare Patrol															
0096	HOLL	05 2237	2245	2249	S15	E10	6994	01	6.7	12	SF	C	4.8	3	E	26				
0097		06 0337*	0346*	0435	S12	E01	6993	01	6.2	58	SN	C	7.5			91	0.7	EFHK		
	LEAR	06 0337	0400	0459	S11	E02	6993	01	6.3	82	1F	C	7.5	3	E	167		FH		
	WATU	06 0343	0346	0350	S13	W01	6993	01	6.1	7	SF				C	0346	60	0.6	E	
	URUM	06 0346E	0350	0455	S12	W00	6993	01	6.1	69D	SN				C		48	0.5	EK	
	URUM	06 0346E	0404	0455	S11	E01	6993	01	6.2	69D	SB				C		129	1.3	FK	
	WATU	06 0356		0417	S13	E01	6993	01	6.2	21	SN				P	0401	50	0.5	E	
0098		06 0605*	0613	0650	S11	W00	6993	01	6.2	45	SF					0613	39	0.4	E	
	WATU	06 0605	0613	0643	S11	W01	6993	01	6.2	38	SF				P		30	0.3	E	
	URUM	06 0625	0641U	0657	S11	W00	6993	01	6.3	32	SF				C		48	0.5	E	
0099		06 08202	08241	0842	N05	E29	6996	01	8.5	22	SF						53	0.8	E	
	KANZ	06 0820	0824	0840	N05	E29	6996	01	8.5	20	SF			2	C					
	SVTO	06 0822	0825	0843	N06	E29	6996	01	8.5	21	SF			3	E			42		
	URUM	06 0822	0825	0843	N05	E28	6996	01	8.4	21	SF				C			64	0.8	E
0100		06 08287	08373	0848	S14	E13	6997A	01	7.3	20	SF	C	2.7				50	0.9	EF	
	KANZ	06 0828	0840	0848	S14	E13	6997A	01	7.3	20	SF			2	C					
	URUM	06 0834	0837	0850	S14	E13	6997A	01	7.3	16	SN				C			80	0.9	E
	SVTO	06 0835	0838	0846	S13	E13	6997A	01	7.3	11	SF	C	2.7	3	E			19		F
0101	SVTO	06 1432E	1433U	1451D	N09	E29	6996	01	8.8	19D	SF	C	3.9	2	E		39		F	
		06 1502		1737	No Flare Patrol															
		06 1913		1935	No Flare Patrol															
		06 1939		2000	No Flare Patrol															
		06 2015		2035	No Flare Patrol															
		06 2039		2225	No Flare Patrol															
0102		07 00452	00461	0052	S14	W10	6994	01	6.3	7	SF	C	2.5				27			
	LEAR	07 0045	0046	0053	S13	W11	6994	01	6.2	8	SF			3	E		44			
	PALE	07 0047	0047	0050	S14	W10	6994	01	6.3	3	SF	C	2.5	3	E		10			
0103		07 04032	04152	0436	S15	W11	6994	01	6.3	33	SN	M	1.5				118	1.4	EF	
	LEAR	07 0403	0417	0448	S14	W12	6994	01	6.3	45	SN	M	1.5	3	E		89		FE	
	URUM	07 0404	0415	0422D	S15	W11	6994	01	6.3	18D	SN				C		96	1.0	E	
	PEKG	07 0405	0416	0425	S15	W11	6994	01	6.3	20	SB				P	0416	168	1.8	E	
0104	LEAR	07 0449	0454	0533	S16	W07	6994	01	6.7	44	SF	C	4.4	3	E		85			
0105	SVTO	07 0803	0817	0843	N16	E35	7003	01	10.0	40	SF			3	E		30			
0106	SVTO	07 0804	0816	0833	N22	E39	6999	01	10.3	29	SF			3	E		29			
0107		07 0815	08152	0834	S19	W12	6994	01	6.4	19	SF						20			
	KANZ	07 0815	0815	0835	S19	W12	6994	01	6.4	20	SF			2	C					
	SVTO	07 0815	0817	0834	S19	W12	6994	01	6.4	19	SF			3	E		20			
0108	SVTO	07 0837	0921	0941	N22	E38	6999	01	10.3	64	SF			3	E		21			
0109	SVTO	07 0843	0848	0859	S11	W14	6993	01	6.3	16	SF			3	E		26			
0110	SVTO	07 0847	0921	0938	N17	E35	7003	01	10.0	51	SF			3	E		23			
0111	SVTO	07 0848	0849	0852	N06	W44	7002	01	4.1	4	SF			3	E		11		F	
0112	SVTO	07 1019	1022	1029	N16	E34	7003	01	10.0	10	SF			3	E		15			
0113	SVTO	07 1042	1042	1048	S13	W22	6993	01	5.8	6	SF			3	E		54		F	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/	CMP	Dur	Imp	Obs	Area Measurement			Remarks			
								USAF					Region	Mo	Day		(Min)	Opt	Xray
0114	SVTO	07	1042	1043	1048	S18	W31		01	5.1	6	SF	3	E		20			
0115	KANZ	07	1103	1107	1131	N15	E34	7003	01	10.0	28	SF	2	C					
0116		07	11283	1131	1134	S16	W14	6994	01	6.4	6	SF				13			
	SVTO	07	1128	1131	1133	S16	W15	6994	01	6.3	5	SF	3	E		13			
	KANZ	07	1131	1131	1135	S16	W14	6994	01	6.4	4	SF	2	C					
0117	KANZ	07	1203	1203	1211	S16	W10	6994	01	6.7	8	SF	2	C					
0118	KANZ	07	1219	1227	1239	N15	E33	7003	01	10.0	20	SF	2	C					
0119	KANZ	07	1223	1223	1227	S14	W10	6994	01	6.8	4	SF	2	C					
0120	KANZ	07	1317E	1317U	1328	S05	E83	7007	01	13.8	11D	SF	2	C					
0121		07	13432	13445	1404	S17	W12	6994	01	6.6	21	SF C	5.4			34		F	
	RAMY	07	1343	1344	1404	S17	W11	6994	01	6.7	21	SF C	5.4	3	E	34		F	
	KANZ	07	1345	1349	1357D	S17	W12	6994	01	6.7	12D	SF	2	C					
		07	1407		1410	No Flare Patrol													
		07	1439		1502	No Flare Patrol													
0122	RAMY	07	1503E	1505	1519	S05	E89	7007	01	14.3	16D	SF	3	E		19			
0123	RAMY	07	1503E	1507	1522	S15	W16	6994	01	6.4	19D	SF M	1.2	3	E	68		F	
0124	RAMY	07	1612	1616	1625	S12	W18	6993	01	6.3	13	SF C	4.4	3	E	38		F	
0125	RAMY	07	1615	1622	1627	S16	W12	6994	01	6.8	12	SF	3	E		12		F	
0126	RAMY	07	1646	1647	1653	N08	W50	7002	01	3.9	7	SF	3	E		15		F	
		07	1701		1725	No Flare Patrol													
0127	PALE	07	1802	1802	1810	S02	E83	7007	01	13.9	8	SF	3	E		26			
		07	1921		1926	No Flare Patrol													
0128	PALE	07	2022	2025	2037	S16	W18	6994	01	6.5	15	SF C	8.9	3	E	52		F	
0129		08	0046E	0047	0110	N10	E14	7006	01	9.1	24D	SN C	5.0			34	0.3	EF	
	PALE	08	0046E	0046U	0110	N09	E12	7006	01	8.9	24D	SF C	5.0	3	E	39		F	
	WATU	08	0047E	0047	0047D	N11	E15	7006	01	9.2	24D	SN		P	0047	30	0.3	E	
0130		08	01094	0116	0124	N06	W50	7002	01	4.3	15	1N				144	2.4	EJT	
	VORO	08	0109	0116	0128	N07	W45	7002	01	4.7	19	SF		1	C	0116	99	1.5	EJT
	MITK	08	0113	0116	0121	N06	W55	7002	01	3.9	8	1N		C	0116	190	3.4		
0131	LEAR	08	0203	0226	0230	S04	E80	7007	01	14.1	27	SF	3	E		37		F	
0132		08	02039	02137	0236	N20	E09	7005	01	8.8	33	SN C	6.2			152	2.0	EFI	
	LEAR	08	0203	0213	0300	N20	E11	7005	01	8.9	57	1N C	6.2	3	E	128		E	
	VORO	08	0207	0214	0230	N20	E09	7005	01	8.8	23	SF		1	C	0214	143	1.6	EI
	WATU	08	0209	0213	0220	N22	E08	7005	01	8.7	11	SF		C	0213	60	0.7	E	
	MITK	08	0211	0215	0225	N20	E10	7005	01	8.8	14	SN		C	0215				
	PALE	08	0212	0213	0229	N20	E09	7005	01	8.8	17	SB		3	E	95		F	
	PEKG	08	0212	0220	0253	N20	E09	7005	01	8.8	41	1N		P	0220	336	3.8	E	
0133		08	0213*	02551	0312	N07	W51	7002	01	4.3	59	SF C	3.8			57	1.4	EJT	
	LEAR	08	0213	0256	0323	N08	W54	7002	01	4.0	70	SF C	3.8	3	E	64			
	VORO	08	0251	0255	0258D	N07	W45	7002	01	4.7	7D	SF		1	C	0255	90	1.4	EJT
	PALE	08	0254	0255	0301	N05	W55	7002	01	4.0	7	SF		3	E	18			
0134	LEAR	08	0416	0423	0432	S04	E73	7007	01	13.6	16	SF C	3.2	3	E	73		F	
0135	LEAR	08	0534	0534	0539	N08	W55	7002	01	4.1	5	SF C	4.9	3	E	33		F	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/	CMP	Dur	Imp	Obs	Area Measurement			Remarks				
								USAF					Region	Mo	Day		(Min)	Opt	Xray	See
0136		08	0752*	0818*	0901	S17	W22	6994	01	6.6	69	1N	M	1.7		232		EFKU		
	LEAR	08	0752	0818	0908	S17	W22	6994	01	6.6	76	2N			E	286		K		
	LEAR	08	0752	0842	0908	S17	W22	6994	01	6.6	76	1N	M	1.7	3	E	177		FE	
	ISTA	08	0840		0846	S16	W23	6994	01	6.6	6	SB			P			U		
0137	LEAR	08	0816	0817	0835	S10	W29	6993	01	6.2	19	1N	C	6.5	3	E	122		F	
0138	ISTA	08	0908		0916	N08	W61	7002	01	3.8	8	SN				P			E	
0139	SVTO	08	1130	1133	1150	N06	W59	7002	01	4.1	20	SF			3	E	12		F	
0140		08	1130	11343	1147	S16	W22	6994	01	6.8	17	SF					29		F	
	KANZ	08	1130	1134	1146	S15	W22	6994	01	6.8	16	SF			2	C			F	
	SVTO	08	1130	1137	1148	S16	W21	6994	01	6.9	18	SF			3	E	29		F	
0141	SVTO	08	1131	1138	1154	S09	W21	6993	01	6.9	23	SF	C	3.6	3	E	36		F	
0142		08	13002	1302	1306	S11	W28	6993	01	6.4	6	1N					249	2.9	E	
	KAND	08	1300	1302	1305	S11	W29	6993	01	6.3	5	1B				P	1302	249	2.9	E
	KANZ	08	1302	1302	1306	S11	W28	6993	01	6.4	4	SF			2	C				
0143	RAMY	08	1421	1422	1438	S09	W23	6993	01	6.9	17	SF	C	3.1	3	E	34		EF	
0144	RAMY	08	1606	1606	1614	S10	W32	6993	01	6.3	8	SF	C	3.5	3	E	22		F	
0145	RAMY	08	1928	1928	1937	S11	W33	6993	01	6.3	9	SF	C	4.8	3	E	38			
0146	PALE	08	2117	2117	2133	S15	W25	6994	01	7.0	16	SF			3	E	18		F	
0147	LEAR	09	0356	0406	0415	S17	W32	6994	01	6.7	19	SF	C	6.3	3	E	33		F	
0148	LEAR	09	0536	0536	0542	S10	W39	6993	01	6.3	6	SF			3	E	35			
0149		09	06037	06141	0622	S07	E66	7007	01	14.2	19	1N	C	5.6			87	1.1	E	
	LEAR	09	0603	0614	0623	S07	E68	7007	01	14.3	20	1F	C	5.6	3	E	126			
	URUM	09	0610	0615	0620	S07	E65	7007	01	14.1	10	SN				C	48	1.1	E	
0150	SVTO	09	0931	0945	0953	S15	W33	6994	01	6.9	22	SF			3	E	25		F	
0151	SVTO	09	1003	1010	1025	N06	W74	7002	01	3.9	22	SF			3	E	16			
0152	SVTO	09	1024	1027	1037	S15	W33	6994	01	6.9	13	SF			3	E	32		F	
0153	SVTO	09	1241	1245U	1336	S17	W37	6994	01	6.7	55	1N	M	5.4	3	E	128		F	
		09	1416		1905														No Flare Patrol	
		09	1910		1914														No Flare Patrol	
		09	1932		1945														No Flare Patrol	
		09	2122		2216														No Flare Patrol	
0154	VORO	10	0148	0155	0158	S11	W60	6993	01	5.6	10	SF			1	C	0155	81	1.6	EIJ
0155	LEAR	10	0213	0214	0224	N15	W02	7003	01	9.9	11	SF			3	E	24			F
0156		10	02504	02552	0302	S12	W58	6993	01	5.7	12	SF	C	2.5			50	1.8	EIJ	
	LEAR	10	0250	0257	0303	S12	W58	6993	01	5.7	13	SF			3	E	44			
	VORO	10	0254	0255	0259	S11	W60	6993	01	5.6	5	SF			1	C	0255	90	1.8	EIJ
	LEAR	10	0254	0256	0303	S12	W57	6993	01	5.8	9	SF	C	2.5	3	E	16			
0157		10	03118	03138	0329	S12	E76		01	15.8	18	SF	C	5.5			108		EF	
	PEKG	10	0311	0313	0332	S11	E78		01	16.0	21	1N				C	0313	168		E
	PALE	10	0312	0313	0325	S11	E75		01	15.8	13	SF	C	5.5	3	E	84			F
	LEAR	10	0319	0321	0329	S13	E75		01	15.8	10	SF			3	E	73			F
		10	1216		1225															No Flare Patrol
		10	1307		1432															No Flare Patrol
	10	1622		1801															No Flare Patrol	
	10	1806		1937															No Flare Patrol	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Time (UT)	Measurement		Remarks
																Apparent (10-6 Disk)	Corr (Sq Deg)	
0158	RAMY	10	1938E	1938	1946D	N10 W18	7006	01	9.5	8D	SF		3	E		14		F
0159	RAMY	10	1938E	1938	1946D	N05 W28	6996	01	8.7	8D	SF		3	E		25		F
			10 1947		2236													No Flare Patrol
			10 2255		2311													No Flare Patrol
0160		11	04228	04274	0443	S17 W39	7004	01	8.2	21	SF	C 3.2				42	0.5	E
	MITK	11	0422	0429	0440	S15 W37	7004	01	8.4	18	SF			C	0429			
	LEAR	11	0423	0427	0439	S15 W39	7004	01	8.2	16	SF	C 3.2	3	E		53		
	URUM	11	0430	0431	0449	S21 W42	7004	01	8.0	19	SN			C		32	0.5	E
0161	LEAR	11	0845	0846	0852	S10 E82	7008	01	17.5	7	SF		3	E		31		
0162	KHAR	11	0932E		0943	S10 E85	7008	01	17.8	11D	SF		2	P	0934			DH
0163	KANZ	11	1049E	1101	1125	N10 W34	7006	01	8.9	36D	SF		2	C				
			11 1402		1410													No Flare Patrol
			11 1426		1427													No Flare Patrol
0164	HTPR	11	1444		1457D	S10 E85	7008	01	18.0	13D	SN			C				A
			11 1458		1956													No Flare Patrol
			11 2001		2005													No Flare Patrol
			11 2022		2023													No Flare Patrol
			11 2034		2205													No Flare Patrol
			11 2213		2244													No Flare Patrol
			11 2309		2330													No Flare Patrol
0165	KANZ	12	1040	1044	1052	S03 E20	7007	01	13.9	12	SF		2	C				
0166	KANZ	12	1152	1156	1200	S18 W88	6994	01	5.8	8	SF		2	C				
0167	RAMY	12	1433	1434	1446D	N14 W50	6996	01	8.8	13D	SF	C 9.3	3	E		64		H
			12 1500		1518													No Flare Patrol
			12 1616		1620													No Flare Patrol
			12 1625		1638													No Flare Patrol
			12 1949		2001													No Flare Patrol
			12 2101		2123													No Flare Patrol
			12 2149		2219													No Flare Patrol
			12 2229		2237													No Flare Patrol
			13 0042		0049													No Flare Patrol
			13 1231		1306													No Flare Patrol
			13 1308		1316													No Flare Patrol
			13 1332		1347													No Flare Patrol
			13 1349		1421													No Flare Patrol
			13 1510		1601													No Flare Patrol
			13 1612		1647													No Flare Patrol
			13 2029		2117													No Flare Patrol
			13 2143		2309													No Flare Patrol
0168	VORO	14	0217	0220	0233	N15 W60	7003	01	9.5	16	SF		1	C	0220	81	1.8	EJ
0169	LEAR	14	0600	0608	0615	N25 W47	7001	01	10.6	15	SF		3	E		51		F
0170		14	0728	07332	0754	S04 W06	7007	01	13.9	26	1N	C 3.1				67	0.3	EF
	LEAR	14	0728	0733	0753	S06 W04	7007	01	14.0	25	1F	C 3.1	3	E		102		F
	URUM	14	0729E	0735	0755	S03 W08	7007	01	13.7	26D	SN			C		32	0.3	E
0171	HTPR	14	0845		0905	S07 E90	7012	01	21.1	20	SF			C				
0172	HTPR	14	1035		1045	S07 E90	7012	01	21.2	10	SF			C				
0173	HTPR	14	1215		1235	S07 E90	7012	01	21.2	20	SF			C				
0174	HTPR	14	1405	1416	1445	S13 E45	7008	01	18.0	40	1F			C	1416	180	2.7	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks		
															Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)			
0192	PALE	18	2240E	2240U	2305	S09	W30	7020	01	16.7	25D	SF	3	E		71				
0193	WATU	19	0058	0059	0104	S03	W72	7007	01	13.7	6	SF		C	0059	30			E	
0194	PEKG	19	0402	0410	0425	N04	E77	7016	01	24.9	23	1B		P	0410	84			D	
		19	1001		1012														No Flare Patrol	
		19	1014		1019														No Flare Patrol	
		19	1025		1036														No Flare Patrol	
		19	1042		1046														No Flare Patrol	
0195		19	1051	1132	1142	N02	E72	7016	01	24.8	51	1N	C 1.4			34			FU	
	SVTO	19	1051	1132	1144	N03	E70	7016	01	24.7	53	SF	C 1.4	2	E	34			FU	
	ISTA	19	1128E		1141	N02	E73	7016	01	24.9	13D	1N		P					FU	
0196	ISTA	19	1128E		1139	N08	W40		01	16.5	11D	SB		P					DG	
0197		19	12436	12473	1258	S05	W78	7007	01	13.7	15	SN				21			ADGM	
	KANZ	19	1243	1247	1303	S06	W79	7007	01	13.6	20	SF		2	C					
	ISTA	19	1245		1258	S03	W81	7007	01	13.5	13	SB			P				ADGM	
	RAMY	19	1249	1250	1254	S05	W74	7007	01	14.0	5	SF		2	E	21				
0198	SVTO	19	1424	1429	1437	N17	E18	7019	01	21.0	13	SF		2	E	17				
0199	SVTO	19	1436	1438	1449	N04	E66	7016	01	24.5	13	SF		2	E	30				
0200	HOLL	19	1524	1542	1551	N03	E71	7016	01	24.9	27	SF		2	E	82				
0201		20	03086	03146	0329	N17	E13	7019	01	21.1	21	SF	C 1.5			58	0.8		EF	
	PEKG	20	0308	0320	0328	N17	E13	7019	01	21.1	20	SN		P	0320	126	1.4		E	
	WATU	20	0310		0314D	N17	E13	7019	01	21.1	4D	SF		P	0314	20	0.2		E	
	PALE	20	0314	0314	0330	N17	E12	7019	01	21.0	16	SF	C 1.5	3	E	27			F	
0202	PALE	20	0345	0346	0403D	N03	E59	7016	01	24.6	18D	SF	C 1.1	2	E	20				
		20	1116		1137														No Flare Patrol	
		20	2141		2158														No Flare Patrol	
		20	2237		2241														No Flare Patrol	
		20	2306		2310														No Flare Patrol	
		20	2322		2336														No Flare Patrol	
		20	2355		2400														No Flare Patrol	
		21	0000		0000														No Flare Patrol	
		21	0431		0453														No Flare Patrol	
0203		21	0642	06442	0700	N16	W02	7019	01	21.1	18	SN				86	1.0		EF	
	TACH	21	0642	0644	0700	N16	W02	7019	01	21.1	18	SB		2	C	0644	143	1.6		F
	WATU	21	0646E	0646	0646D	N16	W01	7019	01	21.2	18D	SF		P	0646	30	0.3		E	
0204	HTPR	21	0910		0920	S10	E85	7026	01	27.8	10	SN			C					
		21	1027		1044														No Flare Patrol	
		21	1116		1133														No Flare Patrol	
0205	RAMY	21	1617	1617	1623	S13	E75	7026	01	27.3	6	SF	C 1.7	3	E	23				
0206	RAMY	21	1902	1903	1916	N02	E41	7016	01	24.8	14	SF	C 2.4	3	E	14				F
0207	RAMY	21	1936	1946	2014	N01	E40	7016	01	24.8	38	SF	M 1.3	3	E	84				F
		21	2158		2206														No Flare Patrol	
0208	HOLL	21	2214E	2214U	2225	N02	E38	7016	01	24.8	11D	SF		2	E	22				
0209	HOLL	21	2300	2310	2326	N14	W12	7019	01	21.0	26	SF		2	E	67				F
0210	WATU	22	0041		0043D	N01	E38	7016	01	24.9	2D	SF		P	0043	20	0.3		D	
0211		22	0206	0211	0240	N15	W14	7019	01	21.0	34	1N	C 1.3			155	2.8		F	
	LEAR	22	0206	0211	0240	N14	W12	7019	01	21.2	34	SF	C 1.3	3	E	34				F
	KODA	22	0217E	0217U	0217D	N16	W15	7019	01	20.9	34D	1B		P	0217	276	2.8			

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/	Dur	Imp	Obs	Area Measurement	Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks	
								USAF Region									CMP Mo Day
0212	LEAR	22	0336	0338	0354	S13	E69	7026	01 27.3	18	SF	3	E		34		
0213	LEAR	22	0430	0432	0445	N13	W15	7019	01 21.0	15	SF C 1.2	3	E		31		
0214	LEAR	22	0530	0535	0543	S13	E69	7026	01 27.4	13	SF C 2.7	3	E		72		
0215		22	0540*	05561	0613	N03	E36	7016	01 24.9	33	1N C 3.8				164	2.4	EF
	YUNN	22	0540	0554U	0554D	N03	E36	7016	01 24.9	14D	1N		P	0554	325	4.2	
	LEAR	22	0542	0556	0626	N02	E37	7016	01 25.0	44	SF C 3.8	3	E		89		FE
	PEKG	22	0543	0557	0610	N03	E36	7016	01 24.9	27	1B		C	0557	168	2.2	E
	MITK	22	0546	0556	0617	N02	E36	7016	01 24.9	31	1F		C	0556	200	2.6	
	WATU	22	0554	0556	0600	N03	E35	7016	01 24.9	6	SF		C	0556	40	0.5	
0216	LEAR	22	0808	0809	0817	N01	E35	7016	01 24.9	9	SF C 1.8	3	E		26		F
0217		22	09496	09563	1005	N02	E33	7016	01 24.9	16	SF				107	2.6	BEF
	SVTO	22	0949	0956	1042D	N01	E32	7016	01 24.8	53D	SF		2	E	39		F
	LEAR	22	0955	0959	1005	N02	E33	7016	01 24.9	10	SF		3	E	68		F
	BUCA	22	0958E	1000U	1015D	N04	E33	7016	01 24.9	17D	1F		C	1000	215	2.6	BE
		22	1046		1047	No Flare Patrol											
		22	1056		1116	No Flare Patrol											
		22	1725		1734	No Flare Patrol											
0218	HOLL	22	1744	1747	1807	N02	E28	7016	01 24.8	23	SF C 1.3	3	E		45		F
0219	HOLL	22	1832	1834	1855	N15	W23	7019	01 21.0	23	SF		3	E	33		
0220		23	02335	02391	0245	N00	E18	7016	01 24.4	12	SF C 1.3				97	1.0	E
	WATU	23	0231E		0242	N01	E18	7016	01 24.4	11D	SF		P	0231	10	0.1	E
	PEKG	23	0233	0240	0246	N00	E17	7016	01 24.4	13	SN		P	0240	168	1.8	E
	LEAR	23	0238	0239	0248	N00	E18	7016	01 24.4	10	1F C 1.3	3	E		114		
		23	1329		1418	No Flare Patrol											
0221		23	1522	1529	1553	N01	E17	7016	01 24.9	31	SN C 2.2				60		F
	RAMY	23	1522	1529	1553	N01	E17	7016	01 24.9	31	SF C 2.2	2	E		65		F
	HOLL	23	1528E	1530U	1606D	N01	E17	7016	01 24.9	38D	SN		2	E	56		F
0222	HOLL	23	1606	1607	1658	S21	E12	7027	01 24.6	52	SF		3	E	19		
0223	HOLL	23	1747	1748	1757	S21	E12	7027	01 24.7	10	SF		3	E	14		
0224		23	18123	18192	1832	S20	E10	7027	01 24.5	20	SF				22		
	PALE	23	1812	1819	1835	S21	E12	7027	01 24.7	23	SF		2	E	29		
	HOLL	23	1815	1821	1828	S19	E07	7027	01 24.3	13	SF		3	E	14		
0225	HOLL	23	2055	2102	2112	S21	E10	7027	01 24.6	17	SF		3	E	28		F
0226	PEKG	24	0559E	0559	0605	S20	E32	7025	01 26.7	6D	SN		P	0559	42	0.5	D
		24	1100		1147	No Flare Patrol											
0227	RAMY	24	1251	1252	1255	N14	W46	7019	01 21.0	4	SF C 1.5	3	E		13		F
		24	1340		1429	No Flare Patrol											
0228		24	1534	1535	1617	N02	E03	7016	01 24.9	43	SF C 2.4				43		F
	HOLL	24	1520E	1524U	1606D	N03	E02	7016	01 24.8	46D	SF		1	E	41		F
	RAMY	24	1534	1535	1617	N01	E04	7016	01 24.9	43	SF C 2.4	3	E		45		F
0229	HOLL	24	1621	1622	1628	S05	E79	7031	01 30.6	7	SF		3	E	33		
0230	HOLL	24	1703	1716	1723	S05	E78	7031	01 30.5	20	SF		3	E	40		
0231	HOLL	24	1821	1823	1838	S05	E75	7031	01 30.4	17	SF		3	E	12		
0232	HOLL	24	2215	2218	2234	S07	E74	7031	01 30.5	19	SF C 2.0	3	E		61		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks		
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)			
0233		25	0003	0004	0011	S06	E72	7031	01	30.4	8	SF						32			
	HOLL	24	2359E		U 2407	S08	E69	7031	01	30.2	8D	SF		2	E			42			
	LEAR	25	0003	0004	0015	S05	E75	7031	01	30.6	12	SF		3	E			22			
0234		25	01021	01032	0129	N02	W02	7016	01	24.9	27	SF	C 2.9					59	0.9	F	
	WATU	25	0102	0103	0112	N02	W02	7016	01	24.9	10	SN			C	0103		90	0.9	F	
	PALE	25	0103	0105	0127	N02	W02	7016	01	24.9	24	SF		2	E			29		F	
	LEAR	25	0103E	0105U	0147	N02	W02	7016	01	24.9	44D	SF	C 2.9	3	E			58		F	
0235		25	02163	02181	0226	N03	W03	7016	01	24.9	10	SF						40	0.5	EF	
	WATU	25	0216	0218	0222	N03	W03	7016	01	24.9	6	SF			C	0218		50	0.5	E	
	LEAR	25	0219	0219	0229	N03	W03	7016	01	24.9	10	SF		3	E			31		F	
0236	HTPR	25	0825	0825	0850	S04	E63	7031	01	30.1	25	1N			C					E	
0237	HTPR	25	1000		1030	S13	E90	7033	02	1.2	30	SF			C						
0238	HTPR	25	1218		1240	S03	E62	7031	01	30.1	22	SF			C					EH	
0239		25	1239*	1239	1259	S18	W50	7012	01	21.7	20	SF						18			
	KANZ	25	1239	1239	1259	S19	W51	7012	01	21.6	20	SF		2	C						
	SVTO	25	1250	1253U	1259	S18	W50	7012	01	21.7	9	SF		2	E			18			
0240	KANZ	25	1239	1243	1247	S22	W11	7027	01	24.7	8	SF		2	C						
0241	SVTO	25	1249E	1253U	1334D	S05	E68	7031	01	30.6	45D	SF		2	E			30			
0242	SVTO	25	1252E	1252U	1257	S29	W54		01	21.3	5D	SF		2	E			23			
0243		25	1315*	1331	1350	S12	E86	7033	02	1.0	35	1N								A	
	HTPR	25	1315		1400	S12	E90	7033	02	1.3	45	1N			C					A	
	KANZ	25	1331	1331	1339	S11	E83	7033	01	31.8	8	SF		2	C						
0244	HTPR	25	1400		1547D	S20	W55	7012	01	21.4	107D	1F			C	1425	300	4.2		S	
		25	1729		1734	No Flare Patrol															
0245	PALE	25	2005	2005	2021	N07	E64	7030	01	30.6	16	SF	C 3.3	3	E			22			
0246	PALE	25	2212	2216	2236	S12	E17	7026	01	27.2	24	SN	C 6.5	3	E			18		F	
0247	PALE	25	2257	2302	2315	N08	E63	7030	01	30.7	18	SN	C 8.9	3	E			63		F	
0248	PALE	25	2349	2358	2422	S02	E58	7031	01	30.3	33	SB	M 1.6	3	E			57		F	
0249	LEAR	26	0419	0423	0429	S05	E55	7031	01	30.3	10	SF		3	E			22			
0250	SVTO	26	0809	0811	0831	S05	E56	7031	01	30.5	22	SF		3	E			22			
0251	SVTO	26	0815	0817	0825	S18	W63	7012	01	21.5	10	SF		3	E			20			
0252	KANZ	26	1022	1022	1034	N15	W70	7019	01	21.1	12	SF		2	C						
0253	SVTO	26	1045	1045U	1056	S09	E74	7033	02	1.0	11	SF		3	E			18			
0254	SVTO	26	1103	1132	1139	S10	E75	7033	02	1.1	36	SF		3	E			22			
0255	KANZ	26	1154	1154	1158	S17	W22	7017	01	24.8	4	SF		2	C						
0256		26	12063	1210	1214	N04	W24	7016	01	24.7	8	SF						14		H	
	KANZ	26	1206	1210	1214	N04	W24	7016	01	24.7	8	SF		2	C						
	SVTO	26	1209	1210	1213	N04	W25	7016	01	24.6	4	SF		3	E			14		H	
0257	SVTO	26	1212	1220	1232	S06	E53	7031	01	30.5	20	SF		3	E			18		EF	
0258	SVTO	26	1220	1319	1444	N09	E60	7030	01	31.0	144	SF		3	E			31			
0259	KANZ	26	1238	1238	1246	S09	E77	7033	02	1.3	8	SF		2	C						

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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	Area Measurement			Remarks	
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0260	KANZ	26	1338	1342	1346	S13	W35	7023	01	23.9	8	SF		2	C					
0261	SVTO	26	1426	1445	1449D	S13	E07	7026	01	27.1	23D	SF	C 5.3	2	E		17			F
0262	RAMY	26	1523	1529	1625	S16	W66	7012	01	21.6	62	3B	X 1.0	3	E		659			F
0263		26	1741	1742	1806	S08	E48	7031	01	30.3	25	SF					19			F
	PALE	26	1741	1742	1808	S06	E49	7031	01	30.4	27	SF		2	E		16			F
	RAMY	26	1742	1742	1803	S09	E48	7031	01	30.3	21	SF		3	E		22			
0264	HOLL	26	2152E	2155U	2201	S22	E90	7035	02	2.8	9D	SF	C 3.7	3	E		51			
0265		26	2257*	2335*	2406	S04	E50	7031	01	30.7	69	SN	C 6.1				67			EF
	LEAR	26	2257	2337	2406	S05	E46	7031	01	30.4	69	1F		3	E		120			FE
	PALE	26	2333	2335	2349	S04	E47	7031	01	30.5	16	SF	C 6.1	3	E		23			F
	PALE	26	2349	2358	2422	S02	E58	7031	01	31.3	33	SB		3	E		57			F
0266	SVTO	27	0830E	0832U	0842	N08	E43	7030	01	30.6	12D	SF		2	E		16			F
		27	0831		0843	No Flare Patrol														
0267		27	0844	0855	0904	S06	E42	7031	01	30.5	20	SN	C 3.1				42			F
	SVTO	27	0844	0855	0909	S07	E40	7031	01	30.4	25	SF	C 3.1	3	E		42			
	ISTA	27	0847D		0858	S06	E43	7031	01	30.6	11	SB			P					F
0268	SVTO	27	0934	0936	0938	S06	E39	7031	01	30.3	4	SF		3	E		14			
		27	1452		1455	No Flare Patrol														
0269	LEAR	28	0010	0011	0018	S11	E20	7038	01	29.5	8	SF		3	E		19			
0270		28	0210	0211	0219	N05	W48	7016	01	24.5	9	SN					28	0.6		EH
	PALE	28	0210	0211	0218	N04	W48	7016	01	24.5	8	SF		3	E		16			H
	WATU	28	0211	0212	0220	N06	W48	7016	01	24.5	9	SN			C	0212	40	0.6		E
0271	WATU	28	0229	0231	0234	N06	W49	7016	01	24.4	5	SF			C	0231	20	0.3		D
0272		28	0831*	0851	0913	N11	E38	7030	01	31.2	42	1N					150	2.0		E
	KANZ	28	0831	0851	0911	N10	E37	7030	01	31.1	40	SF		2	C					
	HTPR	28	0845	0852	0915	N12	E38	7030	01	31.2	30	1B			C	0852	150	2.0		E
0273	HTPR	28	1004	1006	1015	N08	E33	7030	01	30.9	11	SN			C	1006	90	1.1		D
0274	HTPR	28	1150		1200	S15	E90	7039	02	4.3	10	SN			C					A
0275		28	1430*	1438	1511	S09	E42	7033	01	31.7	41	SF	C 2.2				60	1.5		F
	HTPR	28	1430	1438	1519	S08	E43	7033	01	31.8	49	SF			C	1438	110	1.5		
	KANZ	28	1439	1442	1451D	S10	E41	7033	01	31.7	12D	SF		2	C					
	RAMY	28	1442	1443	1503	S10	E42	7033	01	31.8	21	SF	C 2.2	3	E		11			F
0276	HOLL	28	1654	1710	1759	S18	E70	7035	02	3.0	65	1F	C 6.9	3	E		145			F
0277	HOLL	28	1749	1750	1810	S05	E22	7031	01	30.4	21	SF	C 3.7	4	E		27			
0278	HOLL	28	1827	1832	1838	S03	E16	7031	01	30.0	11	SF	C 2.5	4	E		54			E
0279	HOLL	28	1931	1950	2024	S09	E19	7031	01	30.2	53	SF		3	E		17			
0280	HOLL	28	2044	2046	2053	S03	E15	7031	01	30.0	9	SF		4	E		42			H
0281	HOLL	28	2103	2103	2118	S15	E74	7039	02	3.5	15	SF	C 3.4	4	E		25			
0282	HOLL	28	2141	2202	2210	S02	E14	7031	01	29.9	29	SF	C 3.3	3	E		81			EH
0283	HOLL	28	2225	2226	2241	S03	E14	7031	01	30.0	16	SF		3	E		26			
0284	HOLL	28	2251	2308	2350	N05	E11	7032	01	29.8	59	SF	C 3.9	3	E		30			
0285	WATU	29	0104	0105	0111	S03	E13	7031	01	30.0	7	SF			C	0105	20	0.2		E

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Grp #	Sta	Start Day	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks	
														Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0286		29 01181	01202	0126	S03	E12	7031	01	29.9	8	SF				70	0.7	D	
	WATU	29 0118	0120	0123	S03	E12	7031	01	29.9	5	SF		C	0120	70	0.7	D	
	MITK	29 0119	0122	0129	S03	E12	7031	01	29.9	10	SF		C	0122				
0287	LEAR	29 0200	0201	0214	S20	E64	7035	02	3.0	14	SF		3	E		18		
0288		29 0202*	02281	0238	S03	E13	7031	01	30.0	36	SN	C 3.1			121	1.4	F	
	MITK	29 0202	0228	0241	S02	E12	7031	01	30.0	39	1N		C	0228	210	2.2		
	LEAR	29 0219	0228	0241	S05	E17	7031	01	30.4	22	SN	C 3.1	3	E	92		F	
	WATU	29 0223	0229	0233	S03	E11	7031	01	29.9	10	SF		C	0233	60	0.6		
0289		29 03113	03176	0340	N06	E15	7037	01	30.2	29	SN				97	1.0	DEZ	
	MITK	29 0311	0323	0357	N05	E15	7037	01	30.2	46	SN		C	0323			E	
	YUNN	29 0312E	0317	0320D	N06	E14	7037	01	30.2	8D	SN		P		114	1.2		
	WATU	29 0314	0319	0322	N06	E16	7037	01	30.3	8	SN		C	0314	80	0.9	DZ	
0290	YUNN	29 0312	0320U	0320D	S08	E35	7033B	01	31.7	8D	SF		P	0320	33	0.4		
0291		29 05341	05382	0544	S02	E10	7031	01	30.0	10	SN				36		F	
	LEAR	29 0534	0540	0544	S02	E10	7031	01	30.0	10	SF			3	E	36		F
	MITK	29 0535	0538	0543	S02	E11	7031	01	30.0	8	SN		C	0538				
0292	LEAR	29 0608	0616	0642	S12	E04	7038	01	29.5	34	SF	C 6.8	3	E		52		F
0293	WATU	29 0616E	0616	0616D	N06	E16	7037	01	30.4	34D	SF		C	0616	40	0.4		
0294	LEAR	29 0636	0637	0639	S05	E14	7031	01	30.3	3	SF		3	E		18		F
0295		29 0711	0745	0822	S12	E02	7038	01	29.4	71	SF	C 3.6			123	2.9	FT	
	LEAR	29 0711	0745	0815	S12	E03	7038	01	29.5	64	SF	C 3.6	3	E	53			
	SVTO	29 0806E	0814U	0825D	S11	E01	7038	01	29.4	19D	SF		2	E	25		F	
	HPR	29 0807E		0830	S12	E01	7038	01	29.4	23D	1F		C	0807	290	2.9	T	
0296	HPR	29 0854		0905	S17	E60	7035	02	2.9	11	SF		C	0858	90	1.8		
0297	HPR	29 0925	0943	1020	S08	E12	7031	01	30.3	55	SN		C	0943	170	1.8		
0298		29 0955	1005	1040	S12	E01	7038	01	29.5	45	SF	C 7.3			86	1.6	FT	
	HPR	29 0955	1005	1045	S13	W01	7038	01	29.3	50	SN		C	1005	160	1.6	T	
	SVTO	29 1001E	1003U	1034D	S11	E01	7038	01	29.5	33D	SF	C 7.3	3	E	37			
	LEAR	29 1015E	1015U	1036	S11	E04	7038	01	29.7	21D	SF		2	E	61		F	
0299	HPR	29 1050	1052	1105	N08	E85	7041	02	4.8	15	SF		C				A	
0300	KANZ	29 1208	1208	1212	S02	E05	7031	01	29.9	4	SF		2	C				
0301	HPR	29 1317	1319	1325	N07	E14	7030	01	30.6	8	SN		C	1319	110	1.2	E	
0302		29 13182	1320	1325	S04	E14	7031	01	30.6	7	SF				17			
	RAMY	29 1318	1320	1326	S04	E14	7031	01	30.6	8	SF		3	E	17			
	KANZ	29 1320	1320	1324	S04	E13	7031	01	30.5	4	SF		2	C				
0303		29 13271	13281	1342	S09	E11	7031	01	30.4	15	SF				122	2.1		
	HPR	29 1327	1328	1340	S09	E11	7031	01	30.4	13	1N		C	1328	210	2.1		
	KANZ	29 1328	1328	1344	S08	E10	7031	01	30.3	16	SF		2	C				
	RAMY	29 1328	1329	1342	S09	E11	7031	01	30.4	14	SF		3	E	33			
0304		29 14102	14151	1426	S02	E04	7031	01	29.9	16	SN				40	0.4	D	
	HPR	29 1410	1415	1425	S03	E04	7031	01	29.9	15	SN		C	1415	40	0.4	D	
	KANZ	29 1412	1416	1428	S02	E05	7031	01	30.0	16	SF		2	C				
0305		29 14323	1440*	1521	S12	W01	7038	01	29.5	49	SF	C 8.9			109	1.7	EFH	
	KANZ	29 1432	1440	1504D	S13	W00	7038	01	29.6	32D	SF		2	C				
	RAMY	29 1434	1451	1535	S12	W01	7038	01	29.5	61	SF	C 8.9	3	E	57		FH	
	HPR	29 1435	1446	1503D	S12	W03	7038	01	29.4	28D	SN		C	1446	170	1.7	E	
	SVTO	29 1443E	1443U	1507	S12	W01	7038	01	29.5	24D	1F		3	E	100			
0306		29 1539	15433	1604	S16	E66	7039	02	3.6	25	1N	C 9.9			80		EF	
	RAMY	29 1539	1543	1607	S16	E66	7039	02	3.6	28	1F	C 9.9	3	E	104			
	HOLL	29 1543E	1546	1602	S15	E65	7039	02	3.6	19D	SN		3	E	56		FE	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0307		29	15395	1547*	1629	S12	W02	7038	01	29.5	50	SF				22			F
	RAMY	29	1539	1547	1618	S12	W01	7038	01	29.6	39	SF		3	E	15			F
	HOLL	29	1544	1610	1640	S11	W03	7038	01	29.4	56	SF		3	E	28			
0308		29	1546*	1547*	1611	N00	E10	7031	01	30.4	25	SF				10			F
	HOLL	29	1546	1547	1613	N00	E10	7031	01	30.4	27	SF		2	E	11			F
	RAMY	29	1557	1559	1609	N01	E11	7031	01	30.5	12	SF		3	E	10			
0309	HOLL	29	1636	1639	1649	S19	E56	7035	02	3.0	13	SF		3	E	12			
0310	RAMY	29	1648	1652	1701	S12	W02	7038	01	29.5	13	SF		3	E	11			F
0311		29	17176	17186	1744	S14	E69	7039	02	3.9	27	SF	C 5.5			47			F
	HOLL	29	1717	1718	1743	S13	E68	7039	02	3.8	26	SF	C 5.5	3	E	37			F
	RAMY	29	1723	1724	1744	S14	E70	7039	02	4.0	21	SF		3	E	57			
0312	RAMY	29	1745	1754	1804	S14	E69	7039	02	3.9	19	SF		3	E	22			
0313	RAMY	29	1749	1751	1811	S12	W03	7038	01	29.5	22	SF		3	E	12			
0314	HOLL	29	1830	1832	1850	S20	E55	7035	02	3.0	20	SF		3	E	32			
0315	HOLL	29	1928	1931	1940	S10	E28	7033	01	31.9	12	SF		3	E	15			F
0316	HOLL	29	1930	1944	2000	S15	E65	7039	02	3.7	30	SF		3	E	38			EF
0317	HOLL	29	1949	2012	2032	S12	W05	7038	01	29.4	43	SN		3	E	28			EF
0318	HOLL	29	2224	2226	2238	S11	E26	7033	01	31.9	14	SF		3	E	10			F
0319		29	22331	22352	2253	S04	E04	7031	01	30.2	20	SN	C 3.1			68			EF
	HOLL	29	2233	2235	2344D	S03	E01	7031	01	30.0	71D	SN	C 3.1	3	E	70			FE
	LEAR	29	2234	2237	2253	S04	E06	7031	01	30.4	19	SN		2	E	66			F
		29	2354		2400														No Flare Patrol
		30	0000		0047														No Flare Patrol
0320	LEAR	30	0008	0009	0014	S04	E10	7031	01	30.7	6	SF		3	E	17			
		30	0051		0054														No Flare Patrol
0321	LEAR	30	0057	0058	0105	S11	W08	7038	01	29.4	8	SF		3	E	26			
0322		30	0125	01261	0132	S14	W46	7025	01	26.6	7	SF				62	1.3		DJ
	LEAR	30	0125	0126	0130	S14	W45	7025	01	26.6	5	SF		3	E	34			
	VORO	30	0125	0127	0134	S15	W47	7025	01	26.5	9	SF		1	C	0127	90	1.3	DJ
0323		30	02222	02316	0255	S02	W02	7031	01	29.9	33	2N	M 1.6			592	6.1		EF
	YUNN	30	0222	0234	0254	N01	W03	7031	01	29.9	32	2N			C	894	9.3		F
	LEAR	30	0223	0234	0315	S02	W02	7031	01	29.9	52	2N	M 1.6	3	E	594			FE
	PEKG	30	0223	0237	0245	S02	W03	7031	01	29.9	22	1B			P	0237	378	3.9	E
	WATU	30	0224	0231	0245	S02	W03	7031	01	29.9	21	SN			C	0231	90	0.9	
	KODA	30	0225E	0225U	0225D	S03	W01	7031	01	30.0	21D	2B			P	0225	1004	10.4	
0324	LEAR	30	0420	0432	0451	S10	E22	7033	01	31.8	31	SF	C 3.7	3	E	27			F
0325		30	06033	0608*	0645	S07	E02	7031	01	30.4	42	1N	C 3.9			170	2.4		FGKY
	LEAR	30	0603	0606U	0659	S07	E01	7031	01	30.3	56	1F	C 3.9	3	E	106			F
	LEAR	30	0603	0625	0659	S07	E01	7031	01	30.3	56	1F			E	111			K
	WATU	30	0605	0608	0616	S08	W00	7031	01	30.2	11	SF			C	0608	130	1.4	
	TACH	30	0606	0610	0646	S06	E04	7031	01	30.5	40	1B		2	C	0610	332	3.4	GY
0326	LEAR	30	0636	0654	0711	S11	E21	7033	01	31.8	35	2N		3	E	474			EF
0327		30	08002	08037	0818	S04	W03	7031	01	30.1	18	SF				66	1.6		EF
	SVTO	30	0728E	0731U	0819	S05	E00	7031	01	30.3	51D	SF		2	E	18			F
	HTPR	30	0800	0810	0815	S04	W02	7031	01	30.2	15	SF			C	0810	160	1.6	E
	LEAR	30	0802	0803	0821	S02	W06	7031	01	29.9	19	SF		3	E	20			F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
															Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0328	SVTO	30	0826	0924	1146D	S13	E52	7039	02	3.3	200D	SF	3	E		67		
0329	HURB	30	0836	0838	0847	S02	W04	7031	01	30.0	11	2N						E
0330		30	0845	0849	0900	N06	W02	7037	01	30.2	15	SF C 2.4				113	1.7	
	HTPR	30	0845	0849	0855	N05	W02	7037	01	30.2	10	SF		C	0849	170	1.7	
	LEAR	30	0847	0849	0904	N06	W01	7037	01	30.3	17	SF C 2.4	3	E		56		
0331		30	0931	0937	1005	N08	W06	7037	01	29.9	34	2B		C	0937	650	6.5	F
	SVTO	30	0937	0944	0953	N06	W03	7037	01	30.2	16	SF	3	E		38	6.5	F
		30	0931	0937	0959	N07	W04	7037	01	30.1	28	1N				344	6.5	F
0332		30	0933	0942	0945	S06	E00	7031	01	30.4	12	2B	3	E		481		F
	SVTO	30	0933	0942	0945	S06	E00	7031	01	30.4	12	2B	3	E		481		F
	KANZ	30	0935	0935U	0935D	S03	W06	7031	01	29.9	12D	SF	2	C				
	LEAR	30	0935	0938	1013	S03	W06	7031	01	29.9	38	2B M 4.9	3	E		502		F
0333		30	1013	1016	1116	S12	W18	7038	01	29.1	63	SF				76	1.0	
	HTPR	30	1013	1016	1025D	S13	W23	7038	01	28.7	12D	SF		C	1016	100	1.0	
	SVTO	30	1015	1018	1116	S12	W12	7038	01	29.5	61	SF	2	E		53		
0334	SVTO	30	1025	1032	1048	N18	W17	7029	01	29.1	23	SF	3	E		21		
0335	SVTO	30	1044	1048	1116	S10	E18	7033	01	31.8	32	SF	2	E		41		
0336	SVTO	30	1127	1129	1134	N18	W17	7029	01	29.2	7	SF	2	E		32		
0337	KANZ	30	1128	1132	1156	S10	E21	7033B	02	1.0	28	SF	2	C				
0338		30	1204	1206	1236	S14	E57	7039	02	3.8	32	SF C 5.2				45		F
	SVTO	30	1204	1206	1242	S14	E58	7039	02	3.9	38	SF	3	E		55		
	RAMY	30	1206	1207	1234	S15	E57	7039	02	3.8	28	SF C 5.2	3	E		35		F
	KANZ	30	1208	1208	1232	S14	E55	7039	02	3.7	24	SF	2	C				
0339		30	1209	1235	1323	S11	E22	7033	02	1.2	74	SF	3	E		37		
	SVTO	30	1211	1237	1302	S10	E17	7033	01	31.8	51	SF	3	E		52		
	KANZ	30	1212	1236	1326	S10	E21	7033	02	1.1	74	SF	2	C				
		30	1209	1235	1317	S10	E20	7033	02	1.0	68	SF				44		
0340		30	1318	1318	1322	S04	W09	7031	01	29.9	4	SF	2	C				
	KANZ	30	1318	1318	1322	S04	W09	7031	01	29.9	4	SF	2	C				
	KANZ	30	1318	1322	1337	S05	W03	7031	01	30.3	19	SF	2	C				
0341	KANZ	30	1341	1353	1357D	S10	E20	7033B	02	1.1	16D	SF	2	C				
0342	RAMY	30	1343	1345	1400	S04	W03	7031	01	30.3	17	SF	3	E		12		
0343		30	1356	1357U	1425D	S14	W43	7026	01	27.3	29D	2N	3	E		304		FU
	SVTO	30	1356	1357U	1425D	S14	W43	7026	01	27.3	29D	2N	3	E		304		UF
	KANZ	30	1357	1357U	1503D	S14	W48	7026	01	26.9	66D	1F	2	C				
	RAMY	30	1359	1400	1443	S14	W47	7026	01	27.0	44	1F M 1.8	3	E		170		F
0344	SVTO	30	1357	1413	1425D	S19	W54	7025	01	26.5	28D	1F	3	E		118		
0345		30	1418	1424	1431	S15	E80	7042	02	5.6	13	SF				22		
	RAMY	30	1418	1424	1431	S15	E80	7042	02	5.6	13	SF	3	E		22		
	KANZ	30	1419	1423	1431	S14	E80	7042	02	5.6	12	SF	2	C				
0346		30	1431	1435	1443	S10	E20	7033	02	1.1	12	SF	2	C		29		
	KANZ	30	1431	1435	1443	S10	E20	7033	02	1.1	12	SF	2	C		29		
	RAMY	30	1432	1433	1445	S11	E19	7033	02	1.0	13	SF	3	E		29		
0347	HOLL	30	1433E	1433U	1545D	S14	W45	7026	01	27.2	72D	1F	1	E		116		FH
0348	HOLL	30	1433E	1433U	1556	S17	E10	7030B	01	31.4	83D	SF	1	E		36		FH
0349	RAMY	30	1542	1543	1548	S11	E18	7033	02	1.0	6	SF	3	E		16		

H α SOLAR FLARES

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Jan 92

JANUARY 1992

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/USAF		CMP Mo	Dur Day	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
								Region	7017								Apparent (10-6 Disk)	Corr (Sq Deg)	
0350		30	1558	1558	1606	S22	W77	7017	01	24.7	8	SF	C	7.0			34		H
	HOLL	30	1556E	1600U	1609	S22	W75	7017	01	24.9	13D	SF			3	E	49		H
	RAMY	30	1558	1558	1603	S21	W79	7017	01	24.6	5	SF	C	7.0	3	E	19		
0351		30	1656	17091	1730	S14	E85	7042	02	6.1	34	SN	M	1.6			34		
	HOLL	30	1656	1709	1729	S13	E84	7042	02	6.0	33	SN	M	1.6	3	E	43		
	RAMY	30	1656	1710	1730	S14	E86	7042	02	6.2	34	SF			3	E	25		
0352	HOLL	30	1702	1737	1751	S10	E18	7033	02	1.1	49	SF			3	E	21		
0353	HOLL	30	1750	1815	1833	S12	W17	7038	01	29.5	43	SF			3	E	20		
0354	HOLL	30	1924	1946	1959	S12	W18	7038	01	29.4	35	SF			3	E	25		F
0355		30	1935	1958*	2142	S07	W06	7031	01	30.4	127	2B	M	2.4			179		FKUZ
	HOLL	30	1935	1958	2142	S07	W06	7031	01	30.4	127	2B	M	2.4	4	E	217		ZU
	HOLL	30	1935	1958	2142	S07	W06	7031	01	30.4	127	2B				E	258		K
	PALE	30	2012E	2014	2204D	S07	W07	7031	01	30.3	112D	SN			4	E	62		F
0356	HOLL	30	1942	1951	2017	S11	E13	7033	01	31.8	35	SB			3	E	85		F
0357	HOLL	30	2015	2016	2033	S13	W16	7038	01	29.6	18	SF			3	E	30		F
0358	HOLL	30	2050	2056	2100	S13	E83	7042	02	6.1	10	SF			3	E	22		
0359	HOLL	30	2154	2155	2206	N06	W03	7030	01	30.7	12	SF			3	E	20		F
0360		30	2319S	2324*	2414	S07	W08	7031	01	30.4	55	SF	C	8.4			95		FH
	LEAR	30	2319	2332	2431	S07	W09	7031	01	30.3	72	1F	C	8.4	3	E	153		F
	HOLL	30	2320	2324	2324D	S07	W08	7031	01	30.4	4D	SF			2	E	52		FH
	PALE	30	2324	2336	2358	S08	W08	7031	01	30.4	34	SF			3	E	79		F
0361	LEAR	31	0317	0337	0434	S23	E46	7035	02	3.7	77	SF			3	E	90		
0362	LEAR	31	0333	0337	0340	S05	W10	7031	01	30.4	7	SF			3	E	44		
0363	LEAR	31	0356	0401	0421	S05	W11	7031	01	30.3	25	SF			3	E	44		
0364	LEAR	31	0423	0447	0556	S06	W10	7031	01	30.4	93	SF			3	E	89		
0365	LEAR	31	0608	0610	0624	S13	E66	7042	02	5.2	16	SF	C	3.6	3	E	62		
0366	LEAR	31	0609	0610	0616	S27	E76	7044	02	6.2	7	SF			3	E	35		
0367	LEAR	31	0645	0710	0750	S28	E78	7044	02	6.4	65	SF			3	E	23		
0368		31	0701S	07061	0822	S11	E08	7033	01	31.9	81	SF					26		F
	LEAR	31	0701	0706	0727	S11	E09	7033	02	1.0	26	SF			3	E	32		
	SVTO	31	0706	0707	0916	S11	E07	7033	01	31.8	130	SF			2	E	21		F
0369	SVTO	31	0901	0906	0909	N07	W06	7030	01	30.9	8	SF			3	E	41		
0370		31	0915Z	09211	0952	N06	W09	7030	01	30.7	37	SF					68		
	SVTO	31	0915	0922	1010	N07	W06	7030	01	30.9	55	SF			2	E	68		
	KANZ	31	0917	0921	0933	N05	W12	7030	01	30.5	16	SF			2	C			
0371		31	09401	09453	0956	S14	E68	7042	02	5.5	16	SN							
	HPR	31	0940	0948	0958	S14	E67	7042	02	5.5	18	SB				C			
	KANZ	31	0941	0945	0953	S14	E68	7042	02	5.5	12	SF			2	C			
0372		31	1120Z	1124Z	1136	S02	W21	7031	01	29.9	16	SF					78		1.2
	HPR	31	1120	1124	1135	S02	W20	7031	01	30.0	15	SN				C	1124	110	1.2
	KANZ	31	1121	1125	1137	S01	W22	7031	01	29.8	16	SF			2	C			
	SVTO	31	1122	1126	1136	S03	W20	7031	01	30.0	14	SF			2	E	47		

JANUARY 1992

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
						Lat	CMD	Region							Mo	Day	
0373		31	1216*	1220*	1334	S07	W15	7031	01	30.4	78	1F	C		176	3.0	F2
	SVTO	31	1216	1220	1402	S09	W15	7031	01	30.4	106	SF	C		75		ZF
	HTPR	31	1217	1220	1230	S06	W16	7031	01	30.3	13	1F		1220	190	2.0	
	RAMY	31	1217	1246	1342	S07	W16	7031	01	30.3	85	SF			50		F
	KANZ	31	1218	1250	1356	S08	W17	7031	01	30.2	98	1F					
	HTPR	31	1245	1253	1340	S03	W13	7031	01	30.5	55	1N		1253	390	4.1	
0374	RAMY	31	1229	1235	1248	S16	E42	7039	02	3.7	19	SF			24		
0375	HOLL	31	1634	1636	1646	S08	W19	7031	01	30.3	12	SF			13		F
0376	RAMY	31	1738	1740	1745	S05	W19	7031	01	30.3	7	SF			16		F
0377		31	18012	18046	1824	S16	E38	7039	02	3.6	23	SF	C		38		F
	RAMY	31	1801	1810	1825	S16	E38	7039	02	3.6	24	SF	C		42		F
	PALE	31	1803	1804	1824	S15	E38	7039	02	3.6	21	SF			35		F
0378		31	1850	1855	2014	N07	W24	7037	01	30.0	84	1N	M		156		FU
	PALE	31	1850	1855	1948	N07	W25	7037	01	29.9	58	1N	M		222		UF
	HOLL	31	1929E	1929U	2039	N07	W24	7037	01	30.0	70D	SF			90		U
0379		31	1912	1916	1952	S03	W21	7031	01	30.2	40	1F	M		160		F
	PALE	31	1912	1916	1947	S03	W24	7031	01	30.0	35	1F	M		173		F
	RAMY	31	1917E	1917U	1935	S03	W21	7031	01	30.2	18D	1F			172		F
	HOLL	31	1929E	1929U	2015	S03	W19	7031	01	30.4	46D	1F			136		F
0380	HOLL	31	2218E	2220	2228	N18	W41	7029	01	28.8	10D	SF			37		

"Remarks"

A = Eruptive prominence whose base is less than 90 degrees 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.

Observation Type: C=Cinematographic, E=Electronic, P=Photographic, V=Visual