

H α SOLAR FLARES

SEPTEMBER 1992

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)	
0001	LEAR	01	0437	0441	0456	S09	E39	7270	09 4.1	19	SF B 4.9	3	E		41		F
0002		01	1406	1408	1412	S07	E35	7270	09 4.2	6	SF B 2.6				12		F
	KANZ	01	1404E	1404U	1412	S07	E35	7270	09 4.2	8D	SF	2	C				
	SVTO	01	1406	1408	1412	S07	E35	7270	09 4.2	6	SF B 2.6	3	E		12		F
		01	2101		2149	No Flare Patrol											
		01	2154		2235	No Flare Patrol											
		01	2325		2335	No Flare Patrol											
0003		02	0633	0637	0655	S12	W45	7272	08 30.0	22	SF				29		
	KANZ	02	0633	0637	0649	S11	W45	7272	08 30.0	16	SF	2	C				
	SVTO	02	0639E	0639U	0701	S12	W45	7272	08 30.0	22D	SF	3	E		29		
0004	KHAR	02	0806E	0806U	0818D	S10	W46	7272	08 30.0	12D	SF	2	V	0806			H
0005	KHAR	02	0832E		0840	N04	W66	7267	08 28.5	8D	SF	2	V	0833			
0006	KHAR	02	0836	0837	0849	S10	W46	7272	08 30.0	13	SF	2	P	0841	80	1.2	H
0007	KANZ	02	0841	0841	0849	S09	E17	7270	09 3.6	8	SF	2	C				
0008	KANZ	02	0957	1001	1009	S09	E17	7270	09 3.7	12	SF	2	C				
0009	HOLL	02	1413	1716	1725	S11	W49	7272	08 30.0	192	SF	3	E		60		
0010		02	1852E	1914	1948D	S12	W50	7272	08 30.1	56D	SF B 3.6				30		
	HOLL	02	1852E	1910U	1919D	S12	W51	7272	08 30.0	27D	SF B 3.6	3	E		30		
	PALE	02	1912E	1914	1948D	S11	W49	7272	08 30.2	36D	SF	2	E		29		
		02	2224		2234	No Flare Patrol											
		02	2331		2341	No Flare Patrol											
0011		03	02093	02122	0226	S10	W54	7272	08 30.1	17	SN B 5.3				68	1.4	D
	LEAR	03	0209	0214	0233	S11	W54	7272	08 30.1	24	SF B 5.3	2	E		60		
	MITK	03	0212	0212	0220	S10	W55	7272	08 30.0	8	SN			0214	76	1.4	D
0012	MITK	03	0331	0332	0332	S10	W55	7272	08 30.1	1	SN			0332	7	0.1	D
0013		03	0603	06034	0617	S24	E16		09 4.5	14	SF				13		GS
	SVTO	03	0603	0603	0615	S24	E17		09 4.6	12	SF	3	E		13		S
	KANZ	03	0603E	0607	0619	S24	E16		09 4.5	16D	SF	2	C				G
0014	KHAR	03	1035U		1046	S11	W61	7272	08 29.9	11U	SF	2	P	1035			O
0015	KHAR	03	1120	1122	1129	S11	W62	7272	08 29.9	9	1N	2	P	1121	90	2.2	
0016		03	15132	15192	1526	S09	E08	7270	09 4.2	13	SF B 8.1				28		F
	SVTO	03	1513	1521	1526	S09	E08	7270	09 4.2	13	SF B 8.1	3	E		28		F
	KANZ	03	1515	1519	1527	S09	E07	7270	09 4.2	12	SF	2	C				
0017		03	16072	16118	1628	S09	E07	7270	09 4.2	21	SF				26		F
	KANZ	03	1607	1611	1627	S10	E08	7270	09 4.3	20	SF	2	C				
	HOLL	03	1608	1612	1633	S09	E06	7270	09 4.1	25	SF	3	E		39		
	SVTO	03	1609	1619	1624	S09	E08	7270	09 4.3	15	SF	3	E		12		F
0018	HOLL	03	2259	2303	2317	S13	W65	7272	08 30.1	18	SF	3	E		47		
0019		03	2344*	2347*	2548	S12	W67	7272	08 30.0	124	1F C 2.7				110		D
	MITK	03	2344	2347	2634	S11	W65	7272	08 30.2	170	2N			2347	234		
	WATU	03	2346E		2351	S12	W68	7272	08 30.0	5D	SF			2346	20		D
	LEAR	04	0204	0207	0300	S12	W69	7272	08 30.0	56	SF C 2.7	3	E		76		
0020	LEAR	04	0136	0140	0156	S07	W04	7270	09 3.8	20	SF	3	E		45		F
0021	LEAR	04	0316	0317	0324	S12	W67	7272	08 30.2	8	SF	3	E		27		
0022	ABST	04	0443	0445	0452	S09	W11	7270	09 3.4	9	SN		C	0445	87	1.0	D

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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)		
0023		04	0520	05478	0600	S14	W67	7272	08 30.2	40	SF				36			FHK
	SVTO	04	0520	0547	0600	S14	W67	7272	08 30.2	40	SF		E		40			K
	SVTO	04	0520	0555	0600	S14	W67	7272	08 30.2	40	SF	3	E		33			FH
0024	ABST	04	0534	0536	0541	S08	W08	7270	09 3.6	7	SF		C	0536	87	0.9		D
0025		04	06341	06351	0648	S08	W07	7270	09 3.7	14	SN	C 1.0			50	0.5		DF
	SVTO	04	0634	0635	0700	S09	W07	7270	09 3.7	26	SF	C 1.0	3	E	58			F
	MITK	04	0635	0636	0639	S07	W08	7270	09 3.7	4	SB			0636	76	0.8		D
	YUNN	04	0642E	0642U	0644	S07	W07	7270	09 3.7	20	SN		P	0642	16	0.2		D
0026	SVTO	04	0646	0734	0814	S13	W70	7272	08 30.1	88	SF		3	E				21
0027	SVTO	04	0750	0752	0829	S09	W08	7270	09 3.7	39	SF		3	E				16
0028	KHAR	04	0845E		0906U	S11	W76	7272	08 29.7	21U	SN		1	V	0845			
0029		04	08559	0904	0918	S08	W10	7270	09 3.6	23	SF				22			EFHO
	SVTO	04	0855	0904	0925	S10	W10	7270	09 3.6	30	SF		3	E	23			F
	KHAR	04	0857		0935U	S08	W10	7270	09 3.6	38U	1F		2	P	0859			EHO
	LEAR	04	0904	0904	0911	S07	W09	7270	09 3.7	7	SF		3	E				20
0030		04	0932*	1017	1101	S08	W08	7270	09 3.8	89	1F	C 2.9			111			EFT
	SVTO	04	0932	1017	1101	S08	W05	7270	09 4.0	89	1F	C 2.9	3	E	111			F
	KHAR	04	1015		1025U	S08	W10	7270	09 3.7	10U	SF		2	V	1015			ET
0031	SVTO	04	1009	1011	1023	S13	W70	7272	08 30.2	14	SF		3	E				30
0032	SVTO	04	1131	1134	1152	S08	W09	7270	09 3.8	21	SF	C 1.0	3	E				25
0033	SVTO	04	1210	1212	1220	S13	W74	7272	08 30.0	10	SF		3	E				11
0034	SVTO	04	1231	1232	1245	S14	W73	7272	08 30.1	14	SF	C 1.4	3	E				20
0035	SVTO	04	1248	1248	1321	S08	W04	7270	09 4.2	33	SF		3	E				17
0036	SVTO	04	1309	1309	1321	S13	W74	7272	08 30.1	12	SF		3	E				19
0037	SVTO	04	1354	1403	1421	S09	W11	7270	09 3.7	27	SF	C 1.9	3	E				19
0038	HOLL	04	1618	1622	1627	S13	W78	7272	08 29.9	9	SF	C 1.5	3	E				27
0039	HOLL	04	2340E	2355	2424	S06	W19	7270	09 3.6	44D	1B		2	E				170
			04 2344		2400	No Flare Patrol												
			05 0000		0002	No Flare Patrol												
			05 0004		0012	No Flare Patrol												
			05 0036		0046	No Flare Patrol												
			05 0051		0052	No Flare Patrol												
0040	WATU	05	0101	0104	0111	S12	W80	7272	08 30.1	10	SN		C	0104	10			D
0041	SVTO	05	0614E	0617U	0630	S11	W82	7272	08 30.2	16D	SF	C 3.2	1	E				54
0042		05	06366	06458	0658	S09	W25	7270	09 3.4	22	SN	C 2.0			34	0.3		EFH
	WATU	05	0636	0645	0656	S08	W26	7270	09 3.3	20	SB		C	0645	20	0.2		E
	SVTO	05	0642	0653	0648D	S10	W24	7270	09 3.5	6D	SF	C 2.0	3	E	49			FH
	YUNN	05	0647E	0647U	0659	S08	W26	7270	09 3.3	12D	SN		P	0647	33	0.4		E
0043		05	0755	08038	0839	S09	W22	7270	09 3.7	44	1N	C 9.2			153			EF
	LEAR	05	0740E	0803	0854D	S08	W22	7270	09 3.7	74D	1N		3	E	178			FE
	SVTO	05	0755	0811	0839	S10	W22	7270	09 3.7	44	1F	C 9.2	3	E	128			F
0044		05	0905*	0906*	0933	S09	W20	7270	09 3.9	28	SF	C 1.4			58	1.2		DFHLO
	KHAR	05	0905	0906	0925	S07	W23	7270	09 3.6	20	SF		2	P	0912	100	1.2	HO
	SVTO	05	0907	0911	0929	S10	W20	7270	09 3.9	22	SF	C 1.4	3	E	16			F
	KANZ	05	0908	0912	0933	S09	W20	7270	09 3.9	25	SF		2	C				
	KHAR	05	0937	0939	0944	S10	W16	7270	09 4.2	7	SF		2	V	0939			DL

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																Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0064	PALE	06	0040	0041	0048	S08	W32	7270	09	3.6	8	SF	C	3.1	3	E		49		
0065	PALE	06	0106	0106	0111	S10	W31	7270	09	3.7	5	SF			3	E		21		
0066	PALE	06	0117E	0118U	0136D	S11	W32	7270	09	3.6	19D	SF			3	E		41		
0067		06	01566	0159*	0210	S09	W32	7270	09	3.7	14	1B	M	1.0				116	1.3	EFH
	LEAR	06	0156	0159	0217D	S08	W33	7270	09	3.6	21D	1B			3	E		149		FE
	PALE	06	0156	0210	0210D	S10	W32	7270	09	3.7	14D	1N	M	1.0	3	E		118		FH
	WATU	06	0159	0206	0211	S09	W32	7270	09	3.7	12	SN				C	0206	30	0.4	E
	PEKG	06	0202	0207	0210	S10	W33	7270	09	3.6	8	1B				P	0207	168	2.2	E
0068		06	02248	02305	0252	S08	W37	7270	09	3.3	28	SN	M	1.1				55	0.4	EFZ
	WATU	06	0224	0230	0254	S08	W37	7270	09	3.3	30	SN				P	0230	30	0.4	EFZ
	PALE	06	0232	0235	0251	S09	W37	7270	09	3.3	19	SF	M	1.1	3	E		80		F
0069	PALE	06	0255	0256	0301	S10	W38	7270	09	3.3	6	SF			3	E		25		
0070		06	0408E	0431	0452	S08	W38	7270	09	3.3	44D	1N						166	2.3	EFI
	TACH	06	0408E	0431	0505	S07	W36	7270	09	3.5	57D	1N			4	C	0431	158	2.1	FI
	ABST	06	0417E	0419U	0439	S08	W40	7270	09	3.2	22D	1F				P	0419	175	2.5	E
0071		06	0514	05163	0545	S10	W40	7270	09	3.2	31	1N	M	2.4				228	2.7	DEFKLZ
	WATU	06	0514	0516	0523	S09	W41	7270	09	3.1	9	SF				C	0516	100	1.4	EZ
	TACH	06	0514	0516	0547	S10	W40	7270	09	3.2	33	1B			4	C	0516	301	4.3	FKL
	SVTO	06	0515E	0517U	0614	S09	W39	7270	09	3.3	59D	2N	M	2.4	2	E		341		
	PEKG	06	0519E	0519	0535	S10	W40	7270	09	3.2	16D	1B				P	0519	168	2.4	D
0072		06	0653	07014	0752	S11	W34	7270	09	3.7	59	1N	M	1.3				174	4.5	EF
	KANZ	06	0653	0701	0749	S11	W33	7270	09	3.8	56	1N			2	C				
	SVTO	06	0657E	0705	0818	S13	W32	7270	09	3.9	81D	1F	M	1.3	2	E		139		
	PEKG	06	0702E	0702	0730	S11	W35	7270	09	3.6	28D	1B				P	0702	336	4.5	E
	LEAR	06	0717E	0740U	0812D	S10	W36	7270	09	3.6	55D	SN			3	E		46		F
0073		06	08579	09073	0931	S10	W36	7270	09	3.7	34	1N	M	3.3				133		
	SVTO	06	0857	0907	0930D	S11	W38	7270	09	3.5	33D	1N	M	3.3	3	E		133		
	KANZ	06	0906	0910	0931	S09	W33	7270	09	3.9	25	1F			2	C				
0074		06	1003	1003	1019	S11	W38	7270	09	3.5	16	SF						15		
	KANZ	06	1003E	1003U	1013D	S11	W38	7270	09	3.5	10D	SF			2	C				
	SVTO	06	1003	1003	1019	S11	W38	7270	09	3.5	16	SF			3	E		15		
0075		06	1027*	10396	1106	S12	W38	7270	09	3.6	39	SF	C	3.7				32		F
	SVTO	06	1027	1039	1107	S12	W37	7270	09	3.6	40	SF	C	3.7	3	E		32		F
	KANZ	06	1037	1045	1105	S11	W38	7270	09	3.6	28	SF			2	C				
0076		06	11472	1155*	1247	S10	W41	7270	09	3.4	60	1N	M	4.0				170		EF
	SVTO	06	1147	1207	1253	S11	W42	7270	09	3.3	66	1N	M	4.0	3	E		231		FE
	RAMY	06	1148	1155	1243	S09	W42	7270	09	3.3	55	1N			3	E		108		FE
	KANZ	06	1149	1205	1245	S10	W40	7270	09	3.5	56	1N			2	C				
0077		06	1301	1313*	1404	S12	W39	7270	09	3.6	63	1N	M	1.4				207		EFK
	KANZ	06	1301	1313	1357	S11	W38	7270	09	3.7	56	1N			2	C				
	SVTO	06	1301	1313	1407	S13	W40	7270	09	3.5	66	1N	M	1.4	3	E		165		FE
	SVTO	06	1301	1330	1407	S13	W40	7270	09	3.5	66	1N				E		249		K
0078		06	14283	1431*	1448	S10	W40	7270	09	3.6	20	1F						72		F
	SVTO	06	1428	1440	1456	S11	W40	7270	09	3.6	28	1F			3	E		127		F
	KANZ	06	1429	1441	1453	S10	W40	7270	09	3.6	24	1F			2	C				
	RAMY	06	1431	1431	1436	S10	W40	7270	09	3.6	5	SF			3	E		17		F
0079		06	1505*	1527*	1640	S10	W41	7270	09	3.5	95	SF	M	1.1				57		EFK
	RAMY	06	1505	1527	1608	S09	W40	7270	09	3.6	63	SF	M	1.1	3	E		61		F
	KANZ	06	1505	1529	1546D	S10	W40	7270	09	3.6	41D	1F			2	C				
	SVTO	06	1507	1531	1601	S11	W40	7270	09	3.6	54	SN			3	E		68		F
	HOLL	06	1528	1534	1704	S09	W40	7270	09	3.6	96	SN				E		89		K
	HOLL	06	1528	1645	1704	S09	W40	7270	09	3.6	96	SN			2	E		77		FE
	PALE	06	1640	1641	1644D	S10	W43	7270	09	3.5	4D	SF			2	E		23		F
	RAMY	06	1641	1643	1702	S10	W42	7270	09	3.5	21	SF	C	7.1	3	E		26		F

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													Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0080	06	1713	17163	1808D	S10 W42	7270	09	3.6	55D	SN M 1.1				42		F	
	RAMY	06	1713	1719	1808D	S09 W42	7270	09	3.6	55D	SF	3	E	32		F	
	PALE	06	1715E	1716	1740D	S11 W41	7270	09	3.6	25D	SN M 1.1	3	E	53		F	
0081	06	1842	1846*	2026D	S11 W42	7270	09	3.6	104D	2B X 1.7				463		FKU	
	RAMY	06	1842	1846	2026D	S11 W41	7270	09	3.7	104D	2B X 1.7	3	E	465		UF	
	PALE	06	1842	1853	2026D	S11 W43	7270	09	3.5	104D	2B	3	E	530		F	
	PALE	06	1842	1907	2026D	S11 W43	7270	09	3.5	104D	2B		E	463		K	
	HOLL	06	1853E	1854U	1855D	S11 W41	7270	09	3.7	2D	2N	2	E	394		F	
	06	1959		2024	No Flare Patrol												
0082	06	2050	2100	2118	S10 W47	7270	09	3.3	28	1B X 1.3				198		EF	
	PALE	06	2050	2100	S11 W46	7270	09	3.4	26	1N X 1.3	3	E		149		FE	
	HOLL	06	2056E	2100	S08 W48	7270	09	3.3	23D	1B	2	E		247		F	
	06	2208		2227	No Flare Patrol												
	06	2333		2339	No Flare Patrol												
0083	LEAR	07	0003	0008	0011	N12 E90	7276	09	13.8	8	SF M 1.1	3	E		88		
0084	07	0027*	00309	0043	S09 W46	7270	09	3.6	16	SF C 6.6				28	0.3	EFZ	
	WATU	07	0027	0036	0047	S10 W50	7270	09	3.3	20	SN		C	0036	20	0.3	EZ
	LEAR	07	0028	0030	0037	S09 W44	7270	09	3.7	9	SF	3	E		23		F
	LEAR	07	0038	0039	0046	S09 W44	7270	09	3.7	8	SF C 6.6	3	E		40		F
0085	07	0155	01582	0207	S10 W53	7270	09	3.1	12	1B C 4.5				156	3.2	DEF	
	WATU	07	0155	0158	0203	S10 W54	7270	09	3.0	8	SB		C	0158	40	0.7	E
	LEAR	07	0155	0158	0209	S09 W53	7270	09	3.1	14	SN C 4.5	3	E		71		F
	MITK	07	0155	0159	0206	S09 W51	7270	09	3.2	11	2N			0159	386	6.6	
	PEKG	07	0200E	0200	0210	S11 W54	7270	09	3.0	10D	1B		P	0200	126	2.3	D
0086	07	0254*	03532	0436	S10 W50	7270	09	3.4	102	1N				210	0.4	DEF	
	LEAR	07	0254	0353	0513	S10 W49	7270	09	3.4	139	2B	3	E		399		FE
	WATU	07	0353	0355	0400	S10 W50	7270	09	3.4	7	SF		C	0355	20	0.4	D
0087	ABST	07	0410	0411	0418D	N12 E90	7276	09	13.9	8D	1N		C	0411	87		AD
0088	07	04498	04554	0511	S07 W47	7270	09	3.7	22	SN				50	0.8	D	
	TACH	07	0449	0455	0518	S07 W45	7270	09	3.8	29	SN	3	C	0455	61	0.9	D
	WATU	07	0457	0459	0504	S07 W49	7270	09	3.5	7	SF		C	0459	40	0.7	D
0089	LEAR	07	0510	0510	0518	N15 E86	7276	09	13.7	8	SF	3	E		61		F
0090	ABST	07	0531	0534	0558	S07 W53	7270	09	3.2	27	1N		C	0534	131	2.2	E
0091	ABST	07	0607	0609	0615D	N16 E90	7276	09	14.1	8D	1N		C	0609	87		AD
0092	07	06303	06346	0713	S08 W50	7270	09	3.5	43	2B M 7.1				240	3.8	DEFIT	
	KANZ	07	0630	0636	0720	S09 W49	7270	09	3.6	50	1N	2	C				
	LEAR	07	0631	0634	0748	S08 W52	7270	09	3.4	77	2B M 7.1	3	E		302		F
	PEKG	07	0631	0640	0655	S09 W52	7270	09	3.4	24	2B		P	0640	336	5.8	E
	YUNN	07	0633E	0633U	0647D	S07 W54	7270	09	3.2	14D	2B		P	0633	329	6.1	
	WATU	07	0633	0637	0641	S08 W52	7270	09	3.4	8	SF		C	0637	30	0.5	D
	SVTO	07	0635E	0636U	0700D	S09 W43	7270	09	4.0	25D	2B	1	E		272		
	ONDR	07	0637E	0637U	0722	S08 W51	7270	09	3.4	45D	1B		P	0637	171	2.9	EFIT
0093	07	06511	0652	0656	N17 E86	7276	09	13.8	5	SF				30			
	LEAR	07	0651	0652	0655	N17 E90	7276	09	14.1	4	SF	3	E		30		
	KANZ	07	0652	0652	0656	N17 E82	7276	09	13.5	4	SF	2	C				
0094	07	0708	07084	0713	N16 E87	7276	09	13.9	5	SN				48		AEKT	
	KANZ	07	0708	0708	0712	N17 E82	7276	09	13.5	4	SF	2	C				
	LEAR	07	0708	0710	0714	N17 E89	7276	09	14.1	6	SN	3	E		47		E
	YUNN	07	0708	0712	0717D	N17 E88	7276	09	14.0	9D	1N		P		49		A
	ONDR	07	0711E	0711U	0718U	N14 E90	7276	09	14.1	7U	B		P	0711			AKT

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF		CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
						Region	Lat							Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0095		07	08184	08222	0833	N11	E85	7276	09 13.7	15	1N				75		ADT
	KANZ	07	0818	0822	0830	N13	E86	7276	09 13.8	12	1F	2	C				
	LEAR	07	0819	0823	0831	N13	E85	7276	09 13.8	12	1N	3	E		101		
	YUNN	07	0822E	0822U	0826D	N12	E88	7276	09 14.0	4D	1N		P	0822	49		D
	HURB	07	0822	0824	0833	N10	E76	7276	09 13.0	11	2B		V				AD
	ONDR	07	0824E	0827U	0837	N08	E89	7276	09 14.0	13D	B		P	0827			AT
0096		07	08429	0844*	0901	S10	W54	7270	09 3.3	19	SN M 1.2				85	2.2	EIT
	KANZ	07	0842	0846	0850	S11	W56	7270	09 3.1	8	SN	2	C				
	LEAR	07	0844	0844	0848	S09	W49	7270	09 3.7	4	SN M 1.2	3	E		26		
	ONDR	07	0844E	0844U	0849	S11	W59	7270	09 2.9	5D	SN		P	0844	85	1.8	ET
	ONDR	07	0849	0854	0906U	S10	W54	7270	09 3.3	17U	1N		P	0854	171	3.2	ETI
	KANZ	07	0850	0854	0918	S11	W52	7270	09 3.4	28	SF	2	C				
	LEAR	07	0851	0853	0919	S10	W54	7270	09 3.3	28	SN	3	E		59		
	YUNN	07	0855E	0855U	0907D	S09	W53	7270	09 3.4	12D	SN		P	0855	82	1.5	
0097	ONDR	07	0849	0850U	0852	N17	E88	7276	09 14.0	3	N		P	0850			AT
0098	KANZ	07	0958	0958	1006	N17	E82	7276	09 13.6	8	SN	2	C				
0099	KANZ	07	1022	1022	1034	S12	W57	7270	09 3.1	12	SF	2	C				
0100	KANZ	07	1130	1130	1138	N12	E80	7276	09 13.5	8	SF	2	C				
0101		07	1134*	11428	1152	S13	W56	7270	09 3.2	18	SF				85	1.7	DIT
	KANZ	07	1134	1142	1150	S12	W57	7270	09 3.2	16	SF	2	C				
	ONDR	07	1150E	1150U	1151	S13	W56	7270	09 3.3	1D	SN		P	1150	85	1.7	DTI
	KANZ	07	1150	1150	1154	S13	W54	7270	09 3.4	4	SF	2	C				
0102		07	12362	12362	1246	S10	W56	7270	09 3.3	10	SF C 4.5				14		F
	RAMY	07	1236	1236	1245	S10	W59	7270	09 3.1	9	SF C 4.5	3	E		14		F
	KANZ	07	1238	1238	1246	S10	W54	7270	09 3.5	8	SF	2	C				
0103		07	1250*	13093	1340	S09	W57	7270	09 3.2	50	1N M 3.8				58		DEF
	KANZ	07	1250	1310	1346	S09	W56	7270	09 3.3	56	1N	2	C				
	HOLL	07	1301E	1309	1349	S10	W55	7270	09 3.4	48D	SN	1	E		52		F
	RAMY	07	1304	1309	1344	S09	W58	7270	09 3.2	40	SN M 3.8	3	E		65		FE
	HURB	07	1309	1312	1323	S09	W60	7270	09 3.0	14	1N		V				D
0104		07	13061	1310	1314	N16	E83	7276	09 13.8	8	SF				36		
	KANZ	07	1306	1310	1314	N17	E82	7276	09 13.8	8	SF	2	C				
	RAMY	07	1307	1310	1313	N16	E84	7276	09 13.9	6	SF	3	E		36		
0105	KANZ	07	1358	1406	1418	S12	W57	7270	09 3.3	20	SF	2	C				
0106	KANZ	07	1430	1430	1434	N17	E82	7276	09 13.8	4	SF	2	C				
0107		07	15003	15056	1522	S11	W56	7270	09 3.4	22	SF C 3.1				58		FH
	HOLL	07	1500	1505	1520	S11	W53	7270	09 3.6	20	SF C 3.1	3	E		58		FH
	KANZ	07	1503	1511	1523	S11	W58	7270	09 3.3	20	SF	2	C				
0108		07	18481	18501	1915	N14	E83	7276	09 14.0	27	1F				98		FH
	PALE	07	1848	1851	1915	N14	E82	7276	09 14.0	27	1F	3	E		109		F
	RAMY	07	1849	1850	1852D	N14	E84	7276	09 14.1	3D	SF	3	E		86		FH
0109		07	1929	1936*	2033	S10	W56	7270	09 3.6	64	2B M 5.7				345		FKZ
	PALE	07	1929	1936	2034	S11	W57	7270	09 3.5	65	2B M 5.7	3	E		263		F
	PALE	07	1929	2011	2034	S11	W57	7270	09 3.5	65	2B		E		711		K
	HOLL	07	1935E	1937U	2032	S09	W57	7270	09 3.5	57D	2B	2	E		393		F
	RAMY	07	2002E	2002U	2026D	S10	W55	7270	09 3.7	24D	SF	2	E		14		ZF
0110	PALE	07	2032	2034	2038	N17	E83	7276	09 14.2	6	SF	3	E		26		
0111		07	2102	2112	2129D	N17	E84	7276	09 14.2	27D	1B M 3.0				142		
	PALE	07	2102	2112	2120D	N17	E85	7276	09 14.3	18D	1B M 3.0	3	E		157		
	HOLL	07	2108E	2111U	2129D	N17	E83	7276	09 14.2	21D	1N	2	E		126		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Xray	Obs See	Type	Area Measurement		Remarks		
															Time (UT)	Apparent (10-6 Disk)		Corr (Sq Deg)	
0112		07	2258	2302*	2317	S10	W62	7270	09	3.3	19	1B	M 2.9			181		EFK	
	PALE	07	2257E	2305	2320	S10	W66	7270	09	3.0	23D	1B		3	E	230			
	PALE	07	2257E	2316	2320	S10	W66	7270	09	3.0	23D	1B			E	303		K	
	LEAR	07	2258	2302	2312	S10	W59	7270	09	3.5	14	1B	M 2.9	3	E	115		FE	
	HOLL	07	2304E	2304U	2306D	S08	W57	7270	09	3.7	2D	SF		2	E	77		F	
		07	2258		2300													No Flare Patrol	
		07	2302		2303													No Flare Patrol	
		07	2307		2324													No Flare Patrol	
		07	2350		2400													No Flare Patrol	
0113	LEAR	08	0219	0223	0228	S10	W60	7270	09	3.6	9	SF		3	E		29		F
0114	LEAR	08	0413	0419	0431	S10	W64	7270	09	3.4	18	SF		3	E		37		F
0115	LEAR	08	0518	0528	0543	S10	W62	7270	09	3.6	25	SF C	3.6	3	E		36		
0116		08	0836	08384	0918	S11	W64	7270	09	3.5	42	SN	M 1.5				85		F
	LEAR	08	0836	0838	0917	S11	W63	7270	09	3.6	41	SN	M 1.5	3	E		85		F
	KANZ	08	0838E	0842	0919	S11	W66	7270	09	3.4	41D	SF		2	C				
0117	KANZ	08	0931	0931	0935	S15	W72	7270	09	2.9	4	SF		2	C				
0118		08	1207	1207	1219	N16	E70	7276	09	13.8	12	SN	M 2.6				97		
	RAMY	08	1206E	1206U	1216D	N15	E68	7276	09	13.6	10D	SN	M 2.6	2	E		97		
	KANZ	08	1207	1207	1219	N17	E73	7276	09	14.0	12	SN		2	C				
0119	RAMY	08	1858E	1903U	1912D	S09	W71	7270	09	3.5	14D	SF		2	E		21		F
0120	PALE	08	1927	1927	1937	S10	W66	7270	09	3.8	10	SF	M 1.2	3	E		17		
		08	2025		2145														No Flare Patrol
		08	2147		2227														No Flare Patrol
0121	PEKG	09	0200	0216	0230	S10	W72	7270	09	3.7	30	1B			P	0216	84		D
0122	LEAR	09	0757	0757	0805	N17	E64	7276	09	14.2	8	SF		3	E		20		
0123	LEAR	09	0757	0801	0804	S06	E74	7279	09	14.9	7	SF		3	E		18		
0124	LEAR	09	0830	0835	0905	S06	E73	7279	09	14.8	35	SF		3	E		20		
		09	1600		1611														No Flare Patrol
0125	PALE	09	1758	1801	1825D	S11	W78	7270	09	3.9	27D	SF	M 1.9	3	E		69		EF
		09	2010		2029														No Flare Patrol
0126		09	20578	21032	2115	N16	E56	7276	09	14.1	18	SF	C 1.4				26		F
	PALE	09	2057	2103	2117	N17	E58	7276	09	14.3	20	SF	C 1.4	3	E		32		
	RAMY	09	2105	2105	2113	N16	E55	7276	09	14.0	8	SF		3	E		19		F
0127		09	21171	21181	2122	S10	W88	7270	09	3.3	5	SF					18		
	RAMY	09	2117	2119	2122	S09	W89	7270	09	3.2	5	SF		3	E		24		
	PALE	09	2118	2118	2122	S12	W88	7270	09	3.2	4	SF		3	E		13		
0128	VORO	09	2337	2339	2340U	S10	W87	7270	09	3.4	3U	SF		2	C	2339	27		DH
0129	PALE	10	0226	0237	0244	N12	E48	7276	09	13.7	18	SF	C 9.4	3	E		26		
0130		10	03087	03105	0325	N14	E54	7276	09	14.2	17	SF					32		
	PALE	10	0308	0310	0331D	N14	E54	7276	09	14.2	23D	SF		2	E		52		
	LEAR	10	0315	0315	0325	N13	E54	7276	09	14.2	10	SF		3	E		11		
		10	0816		0924														No Flare Patrol
		10	0946		1005														No Flare Patrol
		10	1007		1014														No Flare Patrol
		10	1156		1214														No Flare Patrol

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	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)		
0131	HOLL	10	1630	1650	1700D	N12 E42	7276	09	13.8	30D	SF C 1.3	3	E		103		F	
0132	PALE	10	1727	1730	1735	N19 E46	7276	09	14.2	8	SF		3	E		86		
0133	PALE	10	1739	1749	1752	N20 E46	7276	09	14.2	13	SF		3	E		92		
0134		10	1803*	18142	1838	N14 E44	7276	09	14.1	35	SF C 2.4				52		F	
	HOLL	10	1803	1815	1839	N12 E43	7276	09	14.0	36	SF		3	E		69		F
	PALE	10	1807	1814	1848	N13 E47	7276	09	14.3	41	SF C 2.4		3	E		60		F
	RAMY	10	1814	1816	1828	N16 E41	7276	09	13.9	14	SF		3	E		28		F
		10	1952		2010	No Flare Patrol												
		10	2102		2136	No Flare Patrol												
		10	2145		2226	No Flare Patrol												
0135		10	2203*	2238*	2326	N12 E41	7276	09	14.0	83	2N M 3.2				258	0.5	EFHIJK	
	HOLL	10	2203	2253	2336	N12 E41	7276	09	14.0	93	2B M 3.2	3	E		499		F	
	PALE	10	2232	2238	2312D	N12 E43	7276	09	14.2	40D	2N			E	196		K	
	PALE	10	2232	2252U	2312D	N12 E43	7276	09	14.2	40D	2N		3	E	300		FH	
	VORO	10	2243	2253	2315	N12 E38	7276	09	13.8	32	SF		2	C	2253	39	0.5	EIJ
		10	2228		2229	No Flare Patrol												
0136	MITK	11	0254	0301	0314	N17 E40	7276	09	14.2	20	1B			0301	260	3.5	E	
0137	MITK	11	0315	0315	0316	N16 E40	7276	09	14.2	1	SN			0315	7	0.1		
0138		11	04024	0407	0426	N16 E38	7276	09	14.0	24	1B				136	1.9	EF	
	TACH	11	0402	0407	0440	N15 E37	7276	09	14.0	38	1B		2	C	0407	230	3.2	F
	MITK	11	0406	0407	0411	N17 E40	7276	09	14.2	5	SN			0407	42	0.6	E	
0139	ABST	11	0505	0508	0521	N14 E35	7276	09	13.8	16	SN			0508	105	1.3	D	
0140	MITK	11	0604	0610	0620	N14 E34	7276	09	13.8	16	1B			0610	207	2.6	H	
0141	KANZ	11	0758	0809	0826	N18 E39	7276	09	14.3	28	SF		2	C				
0142	HOLL	11	1448	1450	1459	N14 E28	7276	09	13.7	11	SF B 9.7	3	E		32			
		11	2206		2224	No Flare Patrol												
		11	2226		2229	No Flare Patrol												
0143		12	06351	0636	0642	N16 E26	7276	09	14.2	7	SF C 1.7				19			
	LEAR	12	0635	0636	0643	N17 E26	7276	09	14.2	8	SF C 1.7	3	E		19			
	KANZ	12	0636	0636	0640	N16 E25	7276	09	14.2	4	SF		2	C				
0144	RAMY	12	1113E	1117U	1135D	N19 E23	7276	09	14.2	22D	SF B 4.7	2	E		16			
0145	SVTO	12	1320	1322	1333	N18 E22	7276	09	14.2	13	SF C 1.1	3	E		10			
0146		12	15363	15393	1603	N18 E21	7276	09	14.2	27	SF C 5.2				36		EF	
	HOLL	12	1536	1539	1613	N18 E21	7276	09	14.2	37	SN C 5.2	3	E		69		FE	
	SVTO	12	1538		1553	N18 E20	7276	09	14.2	15	SF		2	E	10			
	RAMY	12	1539	1542	1602	N18 E21	7276	09	14.2	23	SF		3	E	29		F	
		12	2013		2035	No Flare Patrol												
		12	2043		2054	No Flare Patrol												
		12	2104		2209	No Flare Patrol												
0147	HOLL	12	2206	2207	2227	N19 E16	7276	09	14.1	21	SF B 5.0	4	E		26			
		12	2211		2224	No Flare Patrol												
		12	2319		2320	No Flare Patrol												
		12	2352		2358	No Flare Patrol												
0148		13	0258	03068	0334	N18 E14	7276	09	14.2	36	SF C 2.6				61		FK	
	LEAR	13	0258	0306	0334	N18 E14	7276	09	14.2	36	SF		E		65		K	
	LEAR	13	0258	0314	0334	N18 E14	7276	09	14.2	36	SF C 2.6	3	E		57		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)			
0149	KANZ	13	0613	0613	0617	N12	E10	7276	09	14.0	4	SF		2	C					
0150		13	07211	07211	0728	S15	E52	7280	09	17.2	7	SF					15			
	KANZ	13	0721	0721	0729	S16	E54	7280	09	17.4	8	SF		2	C					
	LEAR	13	0722	0722	0727	S14	E50	7280	09	17.1	5	SF		3	E			15		
0151		13	09352	09352	0940	N12	E08	7276	09	14.0	5	SF B 5.9					15		F	
	SVTO	13	0935	0935	0940	N13	E07	7276	09	13.9	5	SF B 5.9	3	E			15		F	
	KANZ	13	0937	0937	0941	N12	E08	7276	09	14.0	4	SF		2	C					
0152		13	1009	1013	1046	N20	E10	7276	09	14.2	37	SF C 2.2					52			
	KANZ	13	1009	1013	1045	N20	E10	7276	09	14.2	36	SF		2	C					
	SVTO	13	1009	1013	1047	N19	E09	7276	09	14.1	38	SF C 2.2	3	E			52			
0153		13	1249	12494	1258	N12	E06	7276	09	14.0	9	SF B 9.4					12		F	
	KANZ	13	1249	1249	1301	N12	E05	7276	09	13.9	12	SF		2	C					
	RAMY	13	1249	1253	1255	N12	E07	7276	09	14.1	6	SF		3	E			11	F	
	SVTO	13	1249	1253	1258	N11	E06	7276	09	14.0	9	SF B 9.4	3	E			12		F	
0154		13	13121	1313	1319	N12	E05	7276	09	13.9	7	SF B 8.9					26		F	
	HOLL	13	1311E	1312U	1319	N13	E05	7276	09	13.9	8D	SF		1	E		26			
	SVTO	13	1312	1313	1318	N12	E05	7276	09	13.9	6	SF B 8.9	3	E			26		F	
	KANZ	13	1313	1313	1321	N12	E05	7276	09	13.9	8	SF		2	C					
0155		13	13172	13241	1334	S20	W27	7282	09	11.5	17	SF					12			
	KANZ	13	1317	1325	1337	S19	W27	7282	09	11.5	20	SF		2	C					
	SVTO	13	1319	1324	1330	S20	W27	7282	09	11.5	11	SF		3	E			12		
0156	KANZ	13	1333	1333	1341	N20	E08	7276	09	14.2	8	SF		2	C					
0157		13	13543	13561	1407	N11	W61	7281	09	9.0	13	SF C 1.1					24		F	
	SVTO	13	1354	1356	1408	N09	W61	7281	09	9.0	14	SF C 1.1	3	E			36		F	
	RAMY	13	1355	1356	1406	N12	W61	7281	09	9.0	11	SF		3	E		13			
	KANZ	13	1357	1357	1401D	N11	W60	7281	09	9.1	4D	SF		2	C					
0158	SVTO	13	1404	1404	1410	N12	E04	7276	09	13.9	6	SF		3	E		20		F	
0159		13	14141	14173	1432	S18	W28	7282	09	11.5	18	SF B 7.9					22		F	
	SVTO	13	1414	1417	1434	S20	W27	7282	09	11.5	20	SF B 7.9	3	E			21		F	
	HOLL	13	1414E	1419	1434	S17	W28	7282	09	11.5	20D	SF		2	E		27			
	RAMY	13	1415	1420	1428	S17	W29	7282	09	11.4	13	SF		3	E		17		F	
		13	1617		1636	No Flare Patrol														
0160	HOLL	13	1824	1825	1855	N18	E06	7276	09	14.2	31	SF B 9.8	3	E			31			
		13	1908		1935	No Flare Patrol														
0161	PALE	13	1937E	1948	2017	N11	E08	7276	09	14.4	40D	SF C 1.2	2	E			40			
		13	2010		2124	No Flare Patrol														
		13	2129		2138	No Flare Patrol														
		13	2152		2219	No Flare Patrol														
		13	2308		2323	No Flare Patrol														
0162	LEAR	14	0233E		0233D	N12	W63	7281	09	9.3	40D	SF		3	E		46		F	
0163	SVTO	14	0719	0721	0802	N08	W68	7281	09	9.2	43	SF		3	E		21		F	
0164		14	08411	08424	0854	N16	W01	7276	09	14.3	13	SF					13			
	SVTO	14	0841	0842	0853	N16	W01	7276	09	14.3	12	SF		3	E		13			
	KANZ	14	0842	0846	0854	N16	W01	7276	09	14.3	12	SF		2	C					
0165	KHAR	14	1010U	1012U	1022	N13	W04	7276A	09	14.1	12U	SF		2	P	1016	30	0.3	D	
0166	RAMY	14	1142	1142	1206	N13	W70	7281	09	9.2	24	SF		3	E		21			
0167	RAMY	14	1231	1233	1249	N13	W70	7281	09	9.2	18	SF C 1.3	3	E			11			

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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	Time (UT)	Area Measurement		Remarks
														Apparent (10-6 Disk)	Corr (Sq Deg)	
0168	RAMY	14	1254	1256	1258	N13 W70	7281	09 9.2	4	SF	3	E		11		
0169	RAMY	14	1312	1409	1417	N13 W70	7281	09 9.3	65	SF C 1.1	3	E		16		
0170	SVTO	14	1448	1449	1456	N18 W06	7276	09 14.1	8	SF C 1.6	2	E		28		H
0171	RAMY	14	1552	1553	1600	N13 W73	7281	09 9.1	8	SF C 1.5	3	E		17		F
0172	RAMY	14	1647	1650	1654	N13 W73	7281	09 9.2	7	SF C 2.8	3	E		24		
0173	RAMY	14	1821	1826	1833	N13 W73	7281	09 9.2	12	SF C 1.1	3	E		45		
0174	HOLL	14	2109	2110	2114	N20 W10	7276	09 14.1	5	SF C 1.1	3	E		27		
0175	LEAR	15	0158	0158	0206	N12 W74	7281	09 9.5	8	SF C 2.6	3	E		64		
0176	KANZ	15	0841	0849	0913	N17 W16	7276	09 14.1	32	SN	2	C				
0177	KANZ	15	0905	0909	0913	N12 W79	7281	09 9.4	8	SF	2	C				
0178	KANZ	15	1053	1106	1118	S18 W54	7282	09 11.3	25	SF	2	C				
0179		15	12002	12011	1208	S17 W54	7282	09 11.4	8	SF C 1.1				18		
	SVTO	15	1200	1201	1206	S16 W54	7282	09 11.4	6	SF C 1.1	3	E		18		
	KANZ	15	1202	1202	1210	S18 W54	7282	09 11.4	8	SF	2	C				
0180	SVTO	15	1309	1309	1314	N11 W16	7276A	09 14.3	5	SF	3	E		10		
0181	HOLL	15	1836	2050	2201	N15 W21	7276	09 14.2	205	SF	2	E		76		
		15	2308		2309	No Flare Patrol										
0182	ABST	16	0614	0624U	0641D	N18 W32	7276	09 13.8	27D	SF			P 0624	87	1.1	D
0183		16	0648*	0704*	0822	N15 W28	7276	09 14.2	94	1N C 3.5				265	3.9	EF
	SVTO	16	0647E	0704	0840	N15 W29	7276	09 14.1	113D	1F C 3.5	2	E		120		F
	KANZ	16	0648	0716	0820	N15 W27	7276	09 14.2	92	1F	2	C				
	PEKG	16	0658	0717	0805	N15 W29	7276	09 14.1	67	1B		C	0717	420	4.9	E
	ATHN	16	0720E	0721U	0742D	N15 W26	7276	09 14.3	22D	1N	2	V	0721	254	2.9	
0184		16	0636	0648	0710	S19 W64	7282	09 11.4	34	SF				80	3.0	
	KANZ	16	0636	0648	0708	S19 W63	7282	09 11.5	32	SF	2	C				
	SVTO	16	0637E	0655U	0711	S21 W62	7282	09 11.5	34D	SF	2	E		34		
	ATHN	16	0652E	0653U	0658D	S18 W66	7282	09 11.3	6D	1N	2	V	0653	127	3.0	
0185		16	08502	08562	0918	N14 W28	7276	09 14.2	28	1F C 2.5				66		F
	SVTO	16	0850	0858	0921	N14 W29	7276	09 14.2	31	SF C 2.5	2	E		66		F
	KANZ	16	0852	0856	0916	N15 W28	7276	09 14.2	24	1F	2	C				
0186		16	0956*	10186	1052	N14 W29	7276	09 14.2	56	1N M 1.0				165	2.6	CDF
	KANZ	16	0956	1024	1104	N15 W29	7276	09 14.2	68	1F	2	C				
	SVTO	16	1005	1022	1104	N14 W30	7276	09 14.1	59	1N M 1.0	2	E		107		F
	HURB	16	1018	1018	1027	N13 W32	7276	09 14.0	9	1N		V				DC
	ATHN	16	1022E	1023U	1034D	N15 W26	7276	09 14.5	12D	1N	2	V	1023	223	2.6	
0187		16	13494	13514	1413	N15 W32	7276	09 14.1	24	SF C 2.2				30		
	SVTO	16	1349	1351	1409	N14 W32	7276	09 14.1	20	SF C 2.2	3	E		20		
	HOLL	16	1353	1355	1417	N16 W31	7276	09 14.2	24	SF	3	E		41		
0188		16	1436*	14531	1514	N14 W32	7276	09 14.2	38	SN M 1.2				94		EF
	HOLL	16	1436	1453	1524	N15 W32	7276	09 14.2	48	SN	3	E		94		FE
	SVTO	16	1450	1454	1505	N13 W33	7276	09 14.1	15	SN M 1.2	3	E		93		F
		16	1856		1905	No Flare Patrol										
0189	HOLL	16	2001	2015U	2032	N16 W38	7276	09 13.9	31	SF C 2.4	3	E		38		
		16	2005		2012	No Flare Patrol										
		16	2014		2220	No Flare Patrol										

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Grp #	Sta	Start Day	Max (UT)	End (UT)	Lat	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)	
0190	HOLL	16	2101E	2118	2137	N15 W36 7276	09 14.1	36D	SN C 1.9	3 E		58		F
0191		16	23446	23504	2404	N15 W40 7276	09 14.0	20	SN C 3.7			63	0.8	EFIJT
	HOLL	16	2344	2350	2413	N16 W38 7276	09 14.1	29	SN C 3.7	3 E		78		FE
	LEAR	16	2350	2350	2358	N14 W39 7276	09 14.0	8	SF	3 E		43		
	VORO	16	2353E	2354	2405	N15 W41 7276	09 13.9	12D	SF	1 C	2354	90	1.2	EIJT
	WATU	16	2354E		2359	N15 W40 7276	09 14.0	5D	SN	P	2354	40	0.5	E
0192		17	00231	0026*	0059	N15 W40 7276	09 14.0	36	SF C 1.6			65	0.8	EIJKT
	WATU	17	0023	0026	0029	N15 W40 7276	09 14.0	6	SN	C	0026	40	0.5	E
	LEAR	17	0024	0035	0109	N15 W39 7276	09 14.1	45	SF	E		80		K
	LEAR	17	0024	0049	0109	N15 W39 7276	09 14.1	45	SF C 1.6	3 E		58		
	VORO	17	0025E	0037	0110	N15 W41 7276	09 13.9	45D	SF	1 C	0037	81	1.1	EIJT
0193		17	0127	01276	0142	N10 W05 7284	09 16.7	15	SN B 5.4			74	1.0	EFGJ
	LEAR	17	0127	0127	0143	N10 W05 7284	09 16.7	16	SF B 5.4	3 E		21		F
	VORO	17	0127	0131	0141	N11 W06 7284	09 16.6	14	SF	1 C	0131	116	1.2	EJ
	PEKG	17	0127	0133	0142	N10 W05 7284	09 16.7	15	SB	C	0133	84	0.9	G
0194		17	0251	0310*	0423	N15 W40 7276	09 14.1	92	SF			48		FK
	LEAR	17	0251	0310	0423	N15 W40 7276	09 14.1	92	SF	E		50		K
	LEAR	17	0251	0324	0423	N15 W40 7276	09 14.1	92	SF	3 E		46		F
0195	LEAR	17	0313	0314	0330	N09 W06 7284	09 16.7	17	SF C 1.0	3 E		44		
0196	LEAR	17	0424	0430	0455	N15 W40 7276	09 14.1	31	SF C 1.4	3 E		35		F
0197		17	0610*	07365	0800	N15 W42 7276	09 14.1	110	SF C 6.8			144	3.6	EFT
	LEAR	17	0610	0739	0807	N15 W41 7276	09 14.1	117	1N	3 E		117		FE
	KANZ	17	0728	0740	0812	N14 W42 7276	09 14.1	44	SF	2 C				
	SVTO	17	0729	0740	0813D	N15 W40 7276	09 14.3	44D	SF C 6.8	2 E		56		F
	KAND	17	0729	0741	0752	N16 W43 7276	09 14.0	23	SN	P	0741	145		EFT
	BUCA	17	0735	0736	0750	N16 W43 7276	09 14.0	15	1F	C	0736	258	3.6	E
0198	SVTO	17	0747	0809	0820D	S07 E55 7285	09 21.4	33D	SF	2 E		23		F
0199		17	08362	08443	0926	N15 W43 7276	09 14.1	50	SF C 5.6			94	1.7	EFT
	KANZ	17	0836	0844	0932	N13 W43 7276	09 14.1	56	SF	2 C				
	LEAR	17	0837	0847	0935	N15 W42 7276	09 14.2	58	SF C 5.6	3 E		64		F
	KAND	17	0838	0844	0910	N16 W43 7276	09 14.1	32	SN	P	0844	125	1.7	EFT
0200		17	08522	08561	0910	N09 W09 7284	09 16.7	18	SF			39	0.6	EF
	KANZ	17	0852	0856	0916	N09 W08 7284	09 16.8	24	SF	2 C				
	SVTO	17	0853	0854U	0910D	N09 W09 7284	09 16.7	17D	SF	2 E		16		F
	KAND	17	0854	0857	0903	N09 W09 7284	09 16.7	9	SF	P	0857	62	0.6	E
0201		17	10031	1008	1016	N14 W43 7276	09 14.2	13	SF C 1.9			26	0.6	DF
	SVTO	17	1003	1007U	1010D	N13 W43 7276	09 14.2	7D	SF C 1.9	2 E		11		F
	KANZ	17	1004	1008	1012	N14 W42 7276	09 14.2	8	SF	2 C				
	KAND	17	1006E		1020	N14 W43 7276	09 14.2	14D	SF	P	1006	42	0.6	D
0202		17	11124	11201	1143	N15 W44 7276	09 14.1	31	1N M 1.1			160	3.7	EFTZ
	KANZ	17	1112	1120	1140	N14 W44 7276	09 14.1	28	1F	2 C				
	SVTO	17	1116	1121	1136	N14 W44 7276	09 14.1	20	1N M 1.1	3 E		141		F
	KAND	17	1126E		1145	N16 W43 7276	09 14.2	19D	1B	P	1126	270	3.7	EFZT
	RAMY	17	1126E	1126U	1150	N15 W43 7276	09 14.2	24D	SN	2 E		69		F
0203		17	11522	1200	1220	N14 W44 7276	09 14.2	28	SF			22		F
	KANZ	17	1152	1200	1220	N14 W43 7276	09 14.2	28	SF	2 C				
	SVTO	17	1154	1200	1219	N15 W44 7276	09 14.2	25	SF	3 E		22		F
0204		17	12511	12533	1311	N15 W44 7276	09 14.2	20	1N			249	3.4	EFT
	KAND	17	1251	1253	1310	N16 W43 7276	09 14.3	19	1B	P	1253	249	3.4	EFT
	KANZ	17	1252	1256	1312	N14 W44 7276	09 14.2	20	SF	2 C				
0205	KANZ	17	1316	1320	1328	S09 E52 7285	09 21.4	12	SF	2 C				
0206	KANZ	17	1344	1344	1348	N13 W45 7276A	09 14.2	4	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)			
0207	HOLL	17	1431	1441	1450	N15	W48	7276	09	14.0	19	SF		3	E			11			
0208		17	1508*	15147	1554	N15	W47	7276	09	14.1	46	SF	C 4.8					45		F	
	KANZ	17	1508	1516	1556	N15	W47	7276	09	14.1	48	SF		2	C						
	HOLL	17	1509	1514	1617	N17	W47	7276	09	14.0	68	SF	C 4.8	4	E			72		F	
	SVTO	17	1521	1521	1528	N13	W46	7276	09	14.2	7	SF		3	E			18		F	
0209		17	1657	17005	1740	N15	W47	7276	09	14.1	43	SN	C 5.5					41		FK	
	HOLL	17	1657	1700	1740	N15	W47	7276	09	14.1	43	SN	C 5.5	4	E			37		F	
	HOLL	17	1657	1705	1740	N15	W47	7276	09	14.1	43	SF			E			45		K	
0210	HOLL	17	1718	1722	1736	N11	W14	7284	09	16.7	18	SF	C 4.6	4	E			15			
0211		17	18199	1838	1850	N16	W48	7276	09	14.1	31	SN	C 2.9					38		EF	
	HOLL	17	1819	1838	1848	N16	W48	7276	09	14.1	29	SN	C 2.9	4	E			35		EF	
	PALE	17	1828	1838	1852	N15	W47	7276	09	14.2	24	SF		3	E			40		F	
0212	HOLL	17	1823	1830	1848	S15	E44	7283	09	21.1	25	SF		3	E			36			
0213		17	1916	1923	1937	N14	W50	7276	09	14.0	21	SN	C 3.6					66		EF	
	PALE	17	1916	1923	1936	N14	W50	7276	09	14.0	20	SF		3	E			77		F	
	HOLL	17	1916	1923	1938	N15	W49	7276	09	14.1	22	SN	C 3.6	3	E			55		E	
0214		17	20359	20501	2115	N16	W48	7276	09	14.2	40	1N	M 1.2					144		EFU	
	PALE	17	2035	2051	2129D	N15	W49	7276	09	14.1	54D	1F		3	E			138		F	
	HOLL	17	2044	2050	2115	N16	W48	7276	09	14.2	31	1N	M 1.2	3	E			151		UE	
0215	LEAR	17	2325	2328	2336	N15	W50	7276	09	14.2	11	SF	C 1.6	3	E			44			
0216	VORO	18	0034E	0034	0038	N17	W53	7276	09	14.0	4D	SF		2	C	0034		99	1.6	DIJT	
0217	LEAR	18	0127	0130	0158	S08	E46	7285	09	21.5	31	SF		3	E			25			
0218		18	01391	01421	0158	N16	W52	7276	09	14.1	19	SF	C 1.4					55	1.2	DFIJT	
	LEAR	18	0139	0142	0158	N15	W52	7276	09	14.1	19	SF	C 1.4	3	E			38		F	
	VORO	18	0140	0143	0154D	N17	W53	7276	09	14.0	14D	SF		1	C	0143		72	1.2	DIJT	
0219	LEAR	18	0232	0234	0251	N14	W51	7276	09	14.2	19	SF	C 1.5	3	E			18			
0220	SVTO	18	0713	0714	0719	N12	W51	7276	09	14.4	6	SF		3	E			12			
0221	SVTO	18	0742	0743	0753	N12	W52	7276	09	14.4	11 ^s	SF		3	E			11			
0222	SVTO	18	0813	0818	0824	N13	W55	7276	09	14.2	11	SF	B 6.9	3	E			11			
0223	SVTO	18	1136	1141	1148	N13	W56	7276	09	14.2	12	SF	B 9.8	3	E			14			
0224	KANZ	18	1350	1350	1358	N18	W53	7276	09	14.5	8	SF		2	C						
0225	HOLL	18	1637	1651	1702	N15	W60	7276	09	14.1	25	SF	B 6.3	3	E			40		F	
		18	2022		2027	No Flare Patrol															
0226	LEAR	19	0838	0839	0847	N13	W70	7276	09	14.1	9	SF	B 5.7	3	E			39			
0227		19	11124	11164	1201	S16	E22	7283	09	21.1	49	SF	B 7.2					40			
	KANZ	19	1112	1116	1220	S15	E22	7283	09	21.1	68	SF		2	C						
	SVTO	19	1116	1120	1142	S16	E23	7283	09	21.2	26	SF	B 7.2	3	E			40			
0228	KANZ	19	1412	1412	1416	S16	E23	7283	09	21.3	4	SF		2	C						
		19	1934		2003	No Flare Patrol															
		19	2054		2216	No Flare Patrol															
		19	2218		2226	No Flare Patrol															
		19	2228		2229	No Flare Patrol															
0229	VORO	19	2319	2320	2329U	N22	W80	7276	09	13.8	10U	1F		2	C	2320		63		DIJ	

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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	See	Obs Type	Area Measurement			Remarks
															Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0246	HOLL	24	2316	2317	2324	S09 E12	7289	09	25.9	8	SF B	3.8	3	E		26		
		24	2340		2344	No Flare Patrol												
0247	LEAR	25	0456	0458	0506	S17 W56	7283	09	21.0	10	SF B	9.1	3	E		50		
0248	HOLL	25	1659	1701	1708	N18 E41	7292	09	28.8	9	SF		2	E		29		
0249		25	1817	18182	1838	N17 E86	7295	10	2.3	21	SF B	5.5				28		
	HOLL	25	1817	1818	1838	N16 E82	7295	10	2.0	21	SF B	5.5	3	E		20		
	PALE	25	1818E	1820	1832D	N18 E90	7295	10	2.6	14D	SF		2	E		37		
0250	LEAR	25	2352	2354	2358	N16 E92	7295	10	3.0	6	SF B	5.9	3	E		37		
0251	SVTO	26	0609E	0611U	0630	N18 E86	7295	10	2.8	21D	SF		2	E		53		
0252		26	07421	07433	0754	N05 E82	7296	10	2.4	12	SF					14		
	KANZ	26	0742	0746	0754	N05 E82	7296	10	2.4	12	SF		2	C				
	SVTO	26	0743	0743	0754	N05 E81	7296	10	2.4	11	SF		3	E		14		
0253		26	07451	07461	0800	N16 E88	7295	10	3.0	15	SF					17		
	SVTO	26	0745	0747	0809	N18 E89	7295	10	3.1	24	SF		3	E		17		
	KANZ	26	0746	0746	0750	N15 E88	7295	10	3.0	4	SF		2	C				
0254		26	08145	08182	0831	N17 E83	7295	10	2.6	17	SF					34		
	KANZ	26	0814	0818	0830	N17 E85	7295	10	2.8	16	SF		2	C				
	LEAR	26	0815	0820	0827	N16 E86	7295	10	2.9	12	SF		3	E		36		
	SVTO	26	0819	0819	0835	N18 E78	7295	10	2.3	16	SF		3	E		31		
0255	SVTO	26	0838	0840	0847	N18 E85	7295	10	2.8	9	SF		3	E		13		
0256		26	0914	09141	0918	N18 E82	7295	10	2.6	4	SF					18		
	KANZ	26	0914	0914	0918	N17 E85	7295	10	2.8	4	SF		2	C				
	SVTO	26	0914	0915	0919	N18 E78	7295	10	2.3	5	SF		3	E		18		
0257	SVTO	26	1230	1239U	1255D	N18 E78	7295	10	2.5	25D	SF B	5.1	2	E		25		
		26	1242		1250	No Flare Patrol												
		26	1254		1301	No Flare Patrol												
0258		26	17132	17162	1725	S08 E28	7293	09	28.8	12	SF B	3.5				22		
	HOLL	26	1713	1718	1730	S09 E27	7293	09	28.7	17	SF B	3.5	4	E		24		
	PALE	26	1715	1716	1720	S08 E28	7293	09	28.8	5	SF		3	E		21		
		26	2039		2046	No Flare Patrol												
		26	2048		2210	No Flare Patrol												
0259	HOLL	26	2225	2230	2258	S04 W42	7291	09	23.8	33	SF		3	E		25		
0260	LEAR	27	0041	0044	0049	S06 W43	7291	09	23.8	8	SF		3	E		17		
0261	LEAR	27	0127	0130	0134	S07 E22	7293	09	28.7	7	SF		3	E		39		
0262	LEAR	27	0211	0212	0218	N06 E69	7296	10	2.2	7	SF		3	E		30		
0263	LEAR	27	0226	0229	0237	S06 W44	7291	09	23.8	11	SF		3	E		40		
0264	LEAR	27	0300	0307	0310	S06 E21	7293	09	28.7	10	SF		3	E		26	F	
0265	LEAR	27	0305	0316	0319	S04 W42	7291	09	24.0	14	SF		3	E		20		
0266	KANZ	27	0730	0734	0746	S07 E20	7293	09	28.8	16	SF		2	C				
0267	KANZ	27	0910	0914	0930	N18 E20	7292	09	28.9	20	SF		2	C				
0268	KANZ	27	0918	0918	0922	N06 E66	7296	10	2.3	4	SF		2	C				
0269	KANZ	27	0950	0950	1002	S06 E19	7293	09	28.8	12	SF		2	C				

H α SOLAR FLARES

SEPTEMBER 1992

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	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)		
0270	KANZ	27	1130	1130	1134	N05 E67	7296	10	2.5	4	SF	2	C					
0271	HOLL	27	1559	1605	1641	S10 W21	7289	09	26.1	42	SF	3	E			47		
		27	1617		1622	No Flare Patrol												
0272		27	1744*	1801	1813	S06 W53	7291	09	23.8	29	SF					20		
	HOLL	27	1744	1801	1813	S04 W53	7291	09	23.8	29	SF	3	E			21		
	PALE	27	1759	1801	1807D	S07 W53	7291	09	23.8	8D	SF	3	E			19		
		27	1828		1832	No Flare Patrol												
0273	HOLL	27	1957	2001	2007	N14 E57	7295	10	2.1	10	SF	3	E			18		
0274		27	20201	20251	2031	N16 E59	7295	10	2.3	11	SF C	2.9				26	FH	
	HOLL	27	2020	2026	2034	N14 E59	7295	10	2.3	14	SF C	2.9	3	E		34	FH	
	PALE	27	2021	2025	2028	N17 E59	7295	10	2.3	7	SF	3	E			19		
		27	2153		2214	No Flare Patrol												
		27	2224		2310	No Flare Patrol												
0275	MITK	27	2336	2337	2338	N19 E11	7292	09	28.8	2	SN			2337	28	0.3	E	
0276	LEAR	28	0026	0028	0036	S06 W57	7291	09	23.7	10	SF B	6.4	3	E		26		
0277	PEKG	28	0405	0410	0445	S12 W31	7289	09	25.8	40	SB			P	0410	126	1.6	D
0278		28	06114	06164	0636	S12 W28	7289	09	26.1	25	SB					78	1.0	DEJ
	TACH	28	0611	0616	0635	S11 W28	7289	09	26.1	24	SB	3	C	0616	71	0.9	EJ	
	PEKG	28	0615	0620	0638	S12 W27	7289	09	26.2	23	SB			P	0620	84	1.0	D
0279	PEKG	28	0638	0645	0705	S10 W34	7289	09	25.7	27	SB			P	0645	84	1.1	D
0280		28	09201	09213	0946	N09 E51	7296	10	2.2	26	SF					62	1.0	E
	KAND	28	0920	0924	0950	N09 E51	7296	10	2.2	30	SN			P	0924	62	1.0	E
	KANZ	28	0921	0921	0941	N09 E50	7296	10	2.1	20	SF	2	C					
	KHAR	28	0927E		0949U	N08 E51	7296	10	2.2	22U	SF	2	V	0927				E
0281	PALE	28	1726	1728	1735	S09 W35	7289	09	26.1	9	SF B	3.4	3	E		16		
		28	2019		2032	No Flare Patrol												
		28	2044		2112	No Flare Patrol												
0282	HOLL	28	2057	2058	2112	S08 W39	7289	09	25.9	15	SF B	4.7	3	E		26		
		28	2127		2209	No Flare Patrol												
		28	2359		2400	No Flare Patrol												
		29	0000		0001	No Flare Patrol												
		29	0045		0049	No Flare Patrol												
0283		29	16502	1654	1708	N06 E31	7296	10	2.0	18	1N C	1.1				140		F
	HOLL	29	1650	1654	1713	N06 E32	7296	10	2.1	23	1N C	1.1	3	E		155		F
	PALE	29	1652E	1652U	1721D	N04 E31	7296	10	2.0	29D	1N		2	E		180		
	RAMY	29	1652	1654	1703	N08 E31	7296	10	2.0	11	SF		3	E		86		F
		29	2038		2051	No Flare Patrol												
		29	2118		2133	No Flare Patrol												
		29	2149		2209	No Flare Patrol												
		29	2259		2301	No Flare Patrol												
		29	2309		2315	No Flare Patrol												
		29	2332		2348	No Flare Patrol												
0284		30	0051	0052	0055	N06 E28	7296	10	2.1	4	SF B	6.4				20	0.2	E
	WATU	30	0051	0052	0055	N06 E27	7296	10	2.0	4	SF			C	0052	20	0.2	E
	PALE	30	0052E	0056U	0100D	N07 E28	7296	10	2.1	8D	SF B	6.4	3	E		20		
0285	LEAR	30	0450	0453	0519	N06 E24	7296	10	2.0	29	1N C	2.9	3	E		170		

SEPTEMBER 1992

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)		
0286	30	09521	0953	0958	N06	E24	7296	10	2.2	6	SF	B	4.5					18		
	SVTO	30	0952	0953	0959	N06	E23	7296	10	2.1	7	SF	B	4.5	3	E		18		
	KANZ	30	0953	0953	0957	N06	E24	7296	10	2.2	4	SF			2	C				
0287	30	10191	10202	1046	S09	W20	7293	09	28.9	27	SF							47	0.9	E
	KAND	30	1019	1020	1045	S09	W21	7293	09	28.8	26	SN				P	1020	83	0.9	E
	SVTO	30	1020	1022	1046	S10	W20	7293	09	28.9	26	SF			3	E		11		
	KANZ	30	1022E	1026U	1033D	S09	W20	7293	09	28.9	11D	SF			2	C				
	30	2320		2340	No Flare Patrol															
	30	2350		2352	No Flare Patrol															

"Remarks"

- | | |
|---|---|
| <p>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.</p> | <p>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.</p> |
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Observation Type: C=Cinematographic, E=Electronic, P=Photographic, V=Visual