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Data for September 1992

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Number 583

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Sep 92

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	See	Obs 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	80	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	220	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													
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			P	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

H α SOLAR FLARES5
Sep 92

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)	
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		FH
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		F
0032	SVTO	04	1131	1134	1152	S08	W09	7270	09 3.8	21	SF C 1.0	3	E		25		F
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		F
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		F
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		F
		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

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)	
0045	KHAR	05	0957U	0957U	1003	S09	W87	7272	08	30.0	6U	SF		2	P	0957			DH
0046		05	10001	1001*	1023	S09	W22	7270	09	3.8	23	SF	C 1.2				22		ET
	KHAR	05	1000	1001	1015	S07	W21	7270	09	3.8	15	SF		2	V	1001			ET
	SVTO	05	1001	1015	1024	S10	W24	7270	09	3.6	23	SF	C 1.2	3	E		22		
	KANZ	05	1006E	1014	1030	S09	W20	7270	09	3.9	240	SF		2	C				
0047		05	10451	10461	1056	S09	W20	7270	09	3.9	11	SF					10		
	SVTO	05	1045	1047	1055	S09	W21	7270	09	3.9	10	SF		3	E		10		
	KANZ	05	1046	1046	1058	S09	W20	7270	09	3.9	12	SF		2	C				
0048		05	1110*	1125*	1157	S08	W22	7270	09	3.8	47	2B	M 4.0				426	6.6	EFOTV
	KHAR	05	1110	1125	1145D	S07	W21	7270	09	3.9	35D	2B		2	P	1129	460	5.2	FOTV
	RAMY	05	1124	1129	1204	S08	W21	7270	09	3.9	40	1N	M 4.0	2	E		118		FE
	ATHN	05	1125	1135	1150	S08	W21	7270	09	3.9	25	2B		3	V	1135	700	8.0	
	KANZ	05	1126	1130	1130D	S09	W23	7270	09	3.7	4D	1N		2	C				
0049	RAMY	05	1216	1220	1229	S09	W28	7270	09	3.4	13	SF	C 7.3	3	E		15		F
0050		05	1303	1306	1313	S10	W24	7270	09	3.7	10	SF					30		FH
	HOLL	05	1302E	1302U	1320D	S09	W24	7270	09	3.7	18D	SF		2	E		25		FH
	SVTO	05	1303	1306	1313	S10	W23	7270	09	3.8	10	SF		3	E		36		FH
0051	SVTO	05	1327	1345	1356	S10	W25	7270	09	3.7	29	SF		3	E		54		H
0052	RAMY	05	1331	1333	1344	S11	W81	7272	08	30.6	13	SN	C 8.2	3	E		43		E
0053		05	1421*	14389	1504	S08	W25	7270	09	3.7	43	SN	C 3.3				29		EFHK
	SVTO	05	1421	1438	1524	S09	W25	7270	09	3.7	63	SF	C 3.3	3	E		35		FH
	HOLL	05	1423	1441	1501	S08	W27	7270	09	3.6	38	SN			E		40		K
	HOLL	05	1423	1447	1501	S08	W27	7270	09	3.6	38	SN		3	E		28		EH
	RAMY	05	1440	1441	1452	S09	W22	7270	09	3.9	12	SF		3	E		14		F
0054		05	1533*	1536*	1611	S09	W26	7270	09	3.7	38	SF	C 5.1				46		EF
	SVTO	05	1533	1536	1612	S09	W26	7270	09	3.7	39	SF	C 5.1	3	E		49		
	RAMY	05	1550	1559	1610	S08	W26	7270	09	3.7	20	SF		3	E		26		

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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)	
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	EZ
	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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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	M	1.1	Obs See	Type	Area Measurement			Remarks
																		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	2116	S11	W46	7270	09	3.4	26	1N	X	1.3		3	E		149		FE
	HOLL	06	2056E	2100	2119	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)	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)	
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	40	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	130	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	50	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	120	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	10	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	480	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	30	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	570	2B		2	E		393		F
	RAMY	07	2002E	2002U	2026D	S10	W55	7270	09 3.7	240	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	270	1B M 3.0					142		
	PALE	07	2102	2112	2120D	N17	E85	7276	09 14.3	180	1B M 3.0		3	E		157		
	HOLL	07	2108E	2111U	2129D	N17	E83	7276	09 14.2	210	1N		2	E		126		

Grp #	Sta	Start Day	Max (UT)	End (UT)	Lat	CMD	NOAA/	CMP	Dur	Imp	Obs	Area Measurement			Remarks		
							USAF Region					Mo	Day	(Min)		Opt	Xray
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															

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
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			C	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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																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		

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement		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								

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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)	
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	Obs See 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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SEPTEMBER 1992

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks			
						Lat	CMD	Region								Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)				
0230		20	00531	00585	0130	N09	W44		09	16.7	37	SF	B 6.1				72	1.3	EFJK			
	VORO	20	0053	0058	0133	N09	W45		09	16.6	40	SF		2	C	0105	90	1.3	EJK			
	LEAR	20	0054	0103	0128	N09	W44		09	16.7	34	SF	B 6.1	3	E		54		F			
		20	1558		1636	No Flare Patrol																
		20	1702		1727	No Flare Patrol																
0231	LEAR	21	0006	0007	0032	S18	E19	7288	09	22.4	26	SF		3	E		32		F			
0232	LEAR	21	0147	0154	0200	N09	W58		09	16.7	13	SF		3	E		17		F			
0233		21	02552	02582	0317	S17	E16	7288	09	22.3	22	SN	B 6.9				115	1.7	DEF			
	LEAR	21	0255	0258	0328	S16	E16	7288	09	22.3	33	SF	B 6.9	3	E		59		F			
	PEKG	21	0255	0300	0325	S17	E16	7288	09	22.3	30	1B			P	0300	210	2.5	E			
	MITK	21	0257	0258	0259	S17	E16	7288	09	22.3	2	SN				0258	76	0.9	D			
0234	HOLL	21	2155	2201	2210	S08	W09	7285	09	21.2	15	SF		3	E		30					
0235	HOLL	21	2255	2304	2313	S16	E04	7288	09	22.2	18	SF		3	E		26					
0236	LEAR	22	0033	0041	0049	S07	W06	7285	09	21.6	16	SF	B 3.3	3	E		30		F			
		22	0055		0058	No Flare Patrol																
		22	0100		0120	No Flare Patrol																
		22	2257		2319	No Flare Patrol																
		22	2321		2400	No Flare Patrol																
		23	0000		0004	No Flare Patrol																
		23	0052		0053	No Flare Patrol																
0237	LEAR	23	0416	0427	0447	S08	W22	7285	09	21.5	31	SF		3	E		29		F			
0238	SVTO	23	0610	0615	0627	S09	E35	7289	09	25.9	17	SF		3	E		14					
0239		23	11112	11131	1124	S07	E08	7291	09	24.1	13	SN	B 4.5				62	0.9	EF			
	RAMY	23	1111	1113	1124	S07	E07	7291	09	24.0	13	SF	B 4.5	3	E		42		F			
	KAND	23	1113	1114	1124	S07	E09	7291	09	24.1	11	SN			P	1114	83	0.9	E			
		23	1902		1909	No Flare Patrol																
		23	2005		2012	No Flare Patrol																
		23	2117		2121	No Flare Patrol																
		23	2144		2154	No Flare Patrol																
		23	2156		2200	No Flare Patrol																
		23	2227		2306	No Flare Patrol																
		23	2400		2400	No Flare Patrol																
0240	LEAR	24	0306	0306	0313	S10	E23	7289	09	25.8	7	SF		3	E		19					
		24	0801		0805	No Flare Patrol																
		24	0807		0835	No Flare Patrol																
		24	1608		1631	No Flare Patrol																
0241	HOLL	24	1704	1704	1714	S15	W31	7288	09	22.4	10	SF		3	E		14		F			
0242	HOLL	24	1736	1741	1747	S08	E53	7293	09	28.7	11	SF	B 8.9	3	E		67					
0243		24	17514	17523	1806	S16	W50	7283	09	20.9	15	SF	B 5.6				30		F			
	HOLL	24	1751	1752	1811	S14	W51	7283	09	20.9	20	SF	B 5.6	3	E		27		F			
	PALE	24	1755	1755	1802	S17	W48	7283	09	21.1	7	SF		3	E		33		F			
0244		24	18216	1830	1846	S16	W32	7288	09	22.3	25	SF	B 4.7				42					
	HOLL	24	1821	1830	1851	S15	W33	7288	09	22.3	30	SF	B 4.7	3	E		62					
	PALE	24	1827	1830	1841	S17	W31	7288	09	22.4	14	SF		3	E		21					
		24	1907		1917	No Flare Patrol																
0245		24	1917	1919	1937	S15	W33	7288	09	22.3	20	SF	B 4.1				64		F			
	HOLL	24	1917	1919	1948	S14	W33	7288	09	22.3	31	SF	B 4.1	3	E		69		F			
	PALE	24	1918E	1919	1926	S16	W33	7288	09	22.3	80	SF		3	E		58					
		24	2257		2314	No Flare Patrol																

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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)	
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	1818	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				

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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)	
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	Obs See	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"

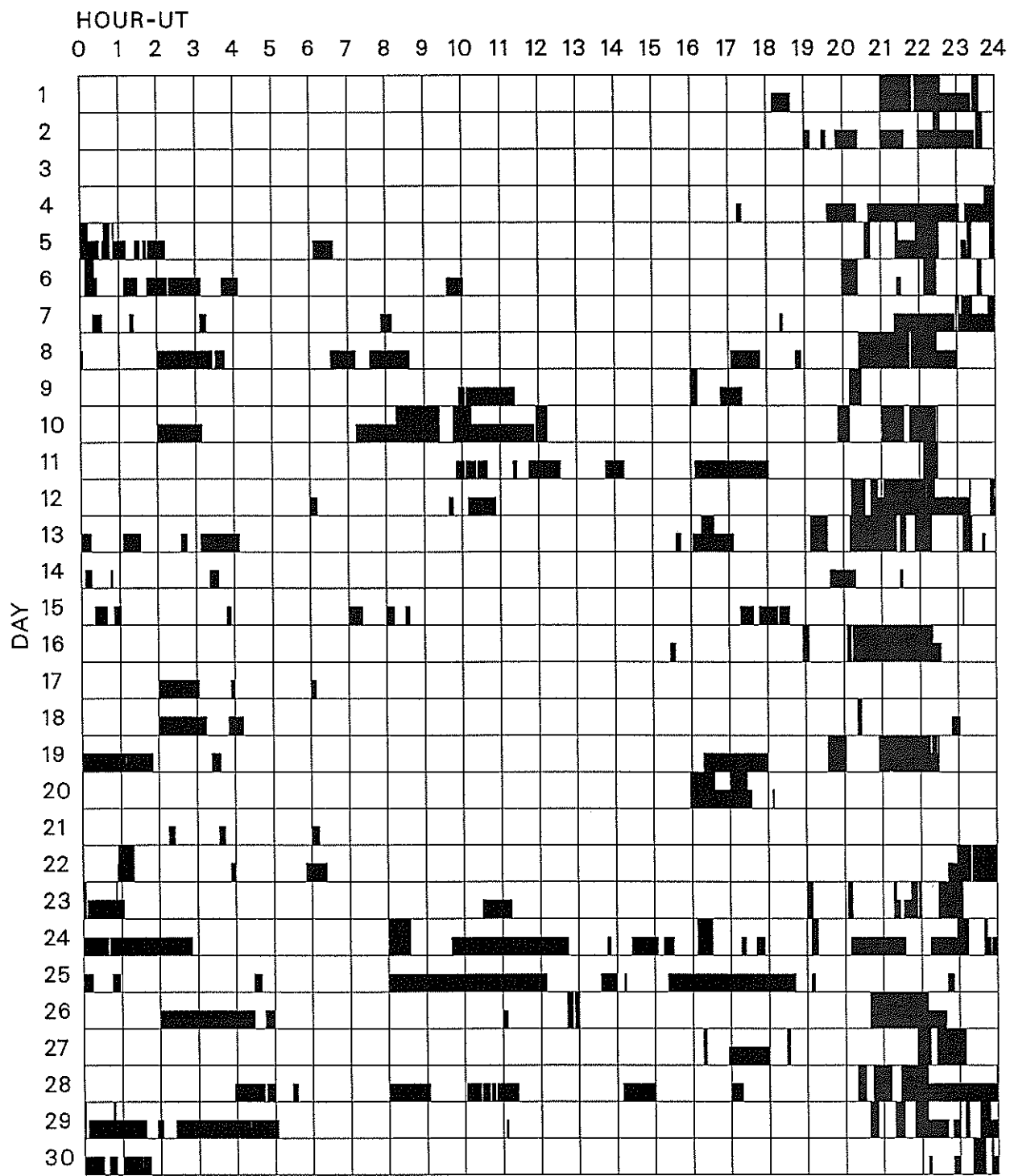
A = Eruptive prominence whose base is less than 90 degrees from central meridian.
 B = Probably the end of a more important flare.
 C = Invisible 10 minutes before.
 D = Brilliant point.
 E = Two or more brilliant points.
 F = Several eruptive centers.
 G = No visible spots in the neighborhood.
 H = 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

INTERVALS OF NO FLARE PATROL OBSERVATION FOR PRECEDING SOLAR FLARE TABLE

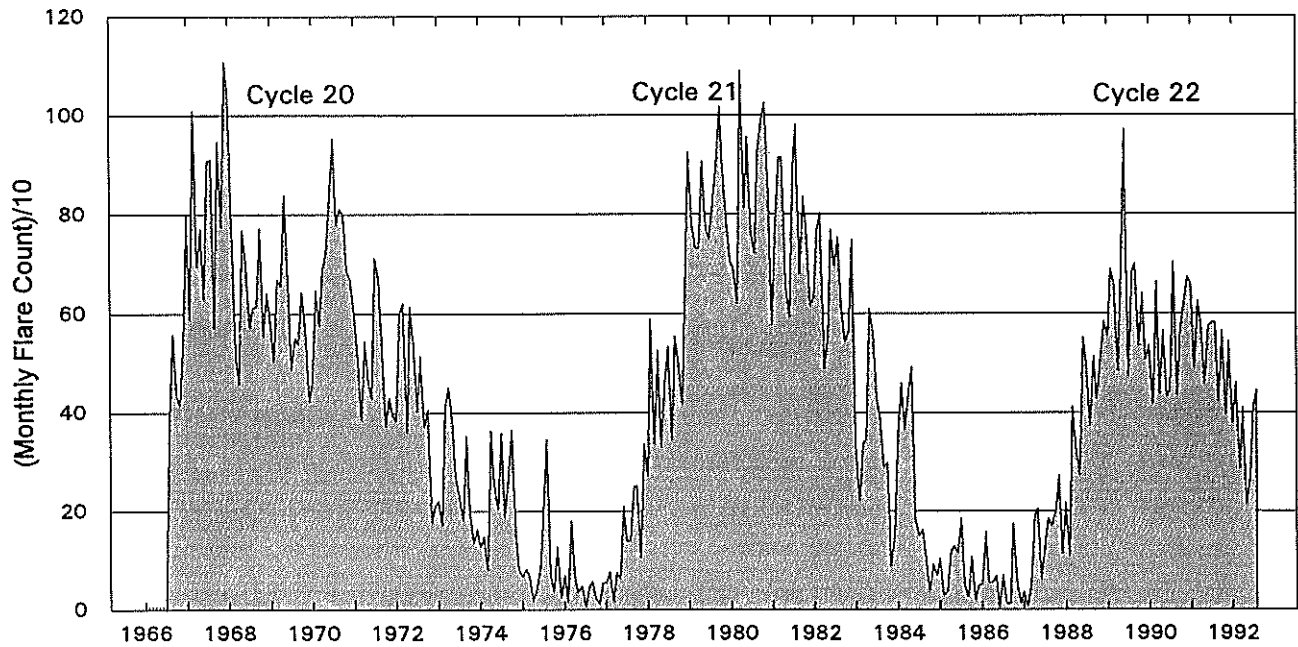
SEPTEMBER 1992



Times of no flare patrol, shown here as shaded areas, combine reports from the stations listed below. Portions of a panel completely shaded mark dates and times of no patrol of any kind (neither visual nor cinematographic); portions of a panel with only the bottom half shaded mark times of only visual patrol.

- | | | | | |
|------------|-------------|-----------|----------|------------|
| Abastumani | Holloman | Kharkov | Palehau | Tashkent |
| Athens | Hurbanovo | Learmonth | Peking | Voroshilov |
| Bucharest | Kandilli | Mitaka | Ramey | Watukosek |
| | Kanzelhoehe | Ondrejov | San Vito | Yunnan |

Monthly Counts of Grouped Solar Flares



Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1966	--	--	--	--	--	--	--	391	558	432	417	543	2341
1967	796	589	1009	694	771	629	907	911	573	946	775	1109	9709
1968	1037	773	519	460	768	697	573	611	616	772	556	640	8022
1969	581	504	669	655	839	694	489	551	540	643	566	422	7153
1970	466	646	578	688	722	836	954	780	811	797	687	667	8632
1971	598	505	387	546	461	430	713	673	518	375	431	394	6031
1972	384	599	621	361	614	541	404	515	371	408	175	210	5203
1973	221	171	410	453	388	270	232	182	353	201	136	163	3180
1974	127	148	79	364	255	204	360	187	270	366	153	81	2594
1975	68	82	69	19	42	85	196	346	68	38	127	25	1165
1976	69	18	180	60	38	48	6	47	57	23	13	55	614
1977	54	77	18	76	64	210	140	140	250	252	107	336	1724
1978	274	588	338	526	330	460	533	346	554	499	418	648	5514
1979	926	781	731	731	907	772	750	821	901	1018	888	786	10012
1980	703	689	621	1092	811	956	763	720	924	988	1027	838	10132
1981	578	782	914	915	658	592	893	982	680	836	773	615	9218
1982	631	766	803	490	553	769	696	753	615	544	564	748	7932
1983	332	220	337	346	609	561	427	389	289	298	88	152	4048
1984	353	461	366	440	492	185	151	161	95	36	92	69	2901
1985	104	29	38	119	129	116	185	53	25	108	19	50	975
1986	51	158	54	56	68	3	71	12	14	174	56	13	730
1987	36	7	52	192	205	61	132	185	172	198	273	114	1627
1988	217	109	413	328	274	551	502	375	513	429	508	584	4803
1989	689	539	658	485	686	971	473	684	699	535	640	507	7566
1990	536	415	664	439	565	433	447	703	436	569	619	672	6498
1991	659	491	625	570	458	573	582	581	425	565	396	544	6469
1992	380	462	287	412	214	271	413	447	287				3173

Monthly totals for the last 6 months may change significantly, as more stations submit their reports. The term "grouped" means that observations of the same event by different sites have been lumped together and counted as one.

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Sep 92

S O L A R R A D I O E M I S S I O N

Outstanding Occurrences

SEPTEMBER 1992

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 -22 W/m 2 Hz)	Mean	Int	Remarks
01	127	TORN	43 NS	0847.0	1137.8	240.0	50.0	1.0	V=0	
	235	CUBA	44 NS	1300.0E		460.00		12.0		
	280	CUBA	44 NS	1300.0E		460.00		16.0		
	2840	PEKG	41 F	0711.0	0713.0	6.0	38.7			
	430	KRAK	5 S	1021.1		5.00		120.00		
02	204	IZMI	43 NS	0600.0		360.0	10.0		0 QL=4 ST=2 TYP=3 QL=4 ST=2 TYP=3	
	235	CUBA	44 NS	1309.0E		441.00		14.0		
	280	CUBA	44 NS	1309.0E		441.00		15.0		
	200	HIRA	44 NS	2035.0E	0105.0	745.00	80.0	20.0		
	245	LEAR	8 S	0622.0E	0622.0	U		72.0		
	245	SVTO	8 S	0622.0E	0622.0	U		74.0		
	430	KRAK	1 S	0929.9	0930.0	0.5		12.0		
	260	ONDR	41 F	0945.0	1130.0			83.0		
	260	ONDR	41 F	0945.0	1000.0	315.0		70.0		
	260	ONDR	41 F	0945.0	1248.5			57.0		
	260	ONDR	41 F	0945.0	1454.5			85.0		
	430	KRAK	41 F	0949.5	0954.3			12.0		
	430	KRAK	41 F	0949.5	0950.5	15.0		9.0		
	810	KRAK	7 C	0954.5	0955.1			5.0		
	810	KRAK	7 C	0954.5	0954.7	2.0		9.0		
	600	HUMN	1 S	0955.0	0955.5	1.0		25.0		
	536	ONDR	4 S/F	0955.0	0955.5	1.0		71.0		
	204	IZMI	7 C	0959.8	1000.4	1.5		1900.0		
	430	KRAK	2 S/F	1041.7	1042.0	0.5		30.0		
	245	SVTO	8 S	1129.0E	1130.0	1.00		230.0		QL=4 ST=2 TYP=3
	204	IZMI	41 F	1129.5	1131.6	3.0		280.0		
	536	ONDR	4 S/F	1131.4	1131.8	0.7		48.0		
	245	SVTO	8 S	1454.0E	1454.0	U		65.0		QL=4 ST=2 TYP=3
	245	SVTO	8 S	1624.0E	1624.0	U		93.0		QL=4 ST=2 TYP=3
	600	HUMN	1 S	1624.0	1624.3	0.6		10.0		
	410	PALE	8 S	1915.0E	1915.0	U		56.0		QL=4 ST=2 TYP=3
	610	PALE	8 S	2009.0E	2009.0	1.00		200.0		QL=4 ST=2 TYP=3
	245	PALE	4 S/F	2012.0E	2016.0	4.00		350.0		QL=4 ST=2 TYP=5
	410	PALE	8 S	2016.0E	2016.0	U		76.0		QL=4 ST=2 TYP=3
	610	PALE	8 S	2016.0E	2016.0	U		81.0		QL=4 ST=2 TYP=3
	410	PALE	8 S	2233.0E	2233.0	1.00		95.0		QL=4 ST=2 TYP=3
	245	PALE	49 GB	2233.0E	2233.0	1.00		1200.0		QL=4 ST=2 TYP=6
03	200	GORK	44 NS	0600.0E		180.00		30.0	V=1	
	204	IZMI	43 NS	0600.0		360.0	20.0			
	127	TORN	43 NS	0700.0		480.0		4.0		
	280	CUBA	44 NS	1300.0E		540.00		14.0		
	235	CUBA	44 NS	1300.0E		540.00		13.0		
	245	PALE	8 S	0055.0E	0055.0	U		54.0		QL=4 ST=2 TYP=3
	245	LEAR	49 GB	0325.0E	0326.0	1.00		740.0		QL=4 ST=2 TYP=6
	610	PALE	8 S	0325.0E	0325.0	1.00		17.0		QL=4 ST=2 TYP=3
	410	PALE	8 S	0325.0E	0326.0	1.00		22.0		QL=4 ST=2 TYP=3
	245	PALE	49 GB	0325.0E	0326.0	1.00		910.0		QL=4 ST=2 TYP=6
	200	GORK	4 S/F	0741.7	0743.3	6.0		180.0		
	2850	CRIM	1 S	0742.5	0743.0	1.0		6.7		
	2950	GORK	1 S	0742.6	0743.0	1.0		5.0		
	3013	IZMI	1 S	0742.7	0743.0	1.1		3.0		
	5900	KISV	2 S/F	0742.7	0743.1	1.6		3.0		
	9100	GORK	1 S	0742.8	0743.1	0.8		4.0		
	9300	KISV	2 S/F	0742.8	0743.2	1.7		6.0		
	650	GORK	1 S	0742.8	0743.3	0.9		1.0		
	950	GORK	1 S	0742.9	0743.1	0.7		2.0		
	260	ONDR	40 F	0825.0	0934.0	335.0		56.0		
	260	ONDR	40 F	0825.0	1232.1			54.0		
	430	KRAK	7 C	0926.5	0929.0			8.0		
	430	KRAK	7 C	0926.5	0927.5	3.0		12.0		
	536	ONDR	2 S/F	0926.5	0927.6	3.5		53.0		
	600	HUMN	1 S	0927.0	0928.0	2.5		4.0		
	430	KRAK	6 S	0944.5	0944.7	0.7		10.0		
	245	PALE	8 S	2041.0E	2041.0	U		190.0		QL=4 ST=2 TYP=3
04	204	IZMI	43 NS	0600.0		360.0	10.0		V=1	
	127	TORN	43 NS	1000.0		300.0		4.0		

S O L A R R A D I O E M I S S I O N

Outstanding Occurrences

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Sep 92

SEPTEMBER 1992

Day	Freq Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 -22 W/m 2 Hz)	Mean	Int	Remarks
04	410 PALE	4 S/F	0134.0E	0135.0	7.00	120.0			QL=4 ST=2 TYP=3
	245 PALE	49 GB	0134.0E	0135.0	5.00	2000.0			QL=4 ST=2 TYP=6
	2840 PEKG	5 S	0134.0	0136.1	9.0	54.0			
	410 LEAR	8 S	0135.0E	0136.0	1.00	50.0			QL=4 ST=2 TYP=3
	1415 LEAR	8 S	0135.0E	0136.0	2.00	56.0			QL=4 ST=2 TYP=3
	245 LEAR	49 GB	0135.0E	0135.0	1.00	1700.0			QL=4 ST=2 TYP=6
	2695 LEAR	8 S	0135.0E	0136.0	2.00	63.0			QL=4 ST=2 TYP=3
	4995 PALE	4 S/F	0135.0E	0136.0	4.00	52.0			QL=4 ST=2 TYP=3
	1415 PALE	4 S/F	0135.0E	0136.0	6.00	48.0			QL=4 ST=2 TYP=3
	610 PALE	4 S/F	0135.0E	0136.0	6.00	28.0			QL=4 ST=2 TYP=3
	2695 PALE	4 S/F	0135.0E	0136.0	3.00	39.0			QL=4 ST=2 TYP=3
	8800 PALE	4 S/F	0135.0E	0136.0	3.00	40.0			QL=4 ST=2 TYP=3
	200 HIRA	46 C	0135.6	0135.6	1.0	300.0	80.0		0
	4995 LEAR	8 S	0136.0E	0136.0	U	71.0			QL=4 ST=2 TYP=3
	8800 LEAR	8 S	0136.0E	0136.0	U	72.0			QL=4 ST=2 TYP=3
	610 LEAR	8 S	0136.0E	0136.0	1.00	33.0			QL=4 ST=2 TYP=3
	15400 PALE	8 S	0136.0E	0136.0	1.00	19.0			QL=4 ST=2 TYP=3
	15400 LEAR	8 S	0137.0E	0137.0	1.00	36.0			QL=2 ST=2 TYP=3
	245 LEAR	8 S	0538.0E	0538.0	1.00	55.0			QL=2 ST=2 TYP=3
	245 LEAR	8 S	0541.0E	0541.0	2.00	80.0			QL=2 ST=2 TYP=3
	245 SVTO	8 S	0642.0E	0642.0	2.00	53.0			QL=2 ST=3 TYP=3
	245 SVTO	8 S	0742.0E	0742.0	U	67.0			QL=4 ST=2 TYP=3
	204 IZMI	41 F	0742.0	0742.5	1.5	200.0			
	200 HIRA	8 S	0742.2	0742.6	0.5	800.0			ML
	260 ONDR	40 F	0830.0	1517.4		215.0			
	260 ONDR	40 F	0830.0	1235.5		80.0			
	260 ONDR	40 F	0830.0	1140.5	410.0	73.0			
	536 ONDR	27 RF	0837.0	0843.6	19.5	62.0			
	5900 KISV	20 GRF	0915.0	1017.0	106.0	10.0			
	9300 KISV	20 GRF	0936.0	1016.0	81.0	12.0			
	430 KRAK	6 S	0943.7	0943.7	0.3	12.0			
	204 IZMI	8 S	1146.0	1147.2		98.0	85.0		
	430 KRAK	6 S	1228.7	1229.0	0.5	17.0			
	410 SVTO	8 S	1415.0E	1416.0	1.00	81.0			QL=4 ST=2 TYP=3
	245 SVTO	8 S	1415.0E	1416.0	1.00	37.0			QL=4 ST=2 TYP=3
	33 UPIC	45 C	1415.7	1416.1	0.8				
	33 UPIC	4 S/F	1530.7	1531.0	0.6				
	610 PALE	8 S	1758.0E	1758.0	U	73.0			QL=4 ST=2 TYP=3
	2840 PEKG	45 C	2340.0	2348.3	20.0	69.0			
	2800 PENT	4 S/F	2345.0	2348.9	16.8	53.0	18.0		
	410 PALE	8 S	2346.0E	2346.0	U	120.0			QL=4 ST=3 TYP=3
	245 PALE	49 GB	2346.0E	2346.0	U	660.0			QL=4 ST=3 TYP=6
	410 PALE	8 S	2348.0E	2349.0	1.00	190.0			QL=4 ST=2 TYP=3
	15400 PALE	4 S/F	2348.0E	2349.0	12.00	110.0			QL=4 ST=2 TYP=3
	8800 PALE	4 S/F	2348.0E	2349.0	12.00	160.0			QL=4 ST=2 TYP=3
	2695 PALE	4 S/F	2348.0E	2348.0	14.00	61.0			QL=4 ST=2 TYP=3
	4995 PALE	4 S/F	2348.0E	2349.0	11.00	100.0			QL=4 ST=2 TYP=3
	1415 PALE	4 S/F	2348.0E	2348.0	14.00	26.0			QL=4 ST=2 TYP=3
	610 LEAR	8 S	2353.0E	2353.0	U	47.0			QL=4 ST=2 TYP=3
	2695 LEAR	8 S	2353.0E	2354.0	1.00	26.0			QL=4 ST=2 TYP=3
	610 PALE	8 S	2353.0E	2353.0	U	32.0			QL=4 ST=2 TYP=3
	4995 LEAR	4 S/F	2353.0E	2358.0	16.00	71.0			QL=4 ST=2 TYP=5
	8800 LEAR	4 S/F	2353.0E	2354.0	16.00	59.0			QL=4 ST=2 TYP=3
05	200 GORK	44 NS	0600.0E		180.00	10.0			
	204 IZMI	43 NS	0600.0		360.0	10.0			
	127 TORN	43 NS	0814.0		312.0		1.0		V=1
	235 CUBA	44 NS	1300.0E		540.00		11.0		
	280 CUBA	44 NS	1300.0E		540.00		13.0		
	260 ONDR	44 NS	1302.0E	1440.0		640.00			OFF SCALE
	260 ONDR	44 NS	1302.0E	1347.5		640.00			OFF SCALE
	260 ONDR	44 NS	1302.0E	1303.5	138.00	640.00			OFF SCALE
	2800 PENT	29 PBI	0001.8	0001.8	70.00	2.5			
	2800 PENT	3 S	0027.4	0029.9	9.7	42.3	9.0		
	9100 GORK	22 GRF	0303.0E	0304.4	83.50	16.0			
	9300 KISV	23 GRF	0611.0	0650.5	65.0	17.0			
	9300 KISV	23 GRF	0611.0	0636.6		16.0			
	5900 KISV	23 GRF	0612.0	0650.5	68.0	22.0			
	5900 KISV	23 GRF	0612.0	0636.6		21.0			

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Sep 92

S O L A R R A D I O E M I S S I O N

Outstanding Occurrences

SEPTEMBER 1992

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 -22 W/m 2 Hz)	Mean	Int	Remarks
05	9100	GORK	21 GRF	0616.1	0634.6	49.9	11.0			
	950	GORK	20 GRF	0623.7	0650.4	39.3	6.0			
	2950	GORK	21 GRF	0627.5	0640.7	31.7	4.0			
	2840	PEKG	5 S	0630.0	0634.4	12.0	9.1			
	8400	BERN	46 C	0633.4	0636.5	8.4	2.2			
	5200	BERN	46 C	0633.5	0636.5	8.6	3.0			
	11800	BERN	46 C	0633.6	0636.5	8.3	1.1			
	3100	BERN	46 C	0633.6	0634.8	8.4	1.3			
	3013	IZMI	7 C	0633.8	0635.0	6.5	10.0	5.0		
	2850	CRIM	7 C	0634.0	0636.7		5.0			
	2950	GORK	7 C	0634.0	0636.8		4.0			
	2950	GORK	7 C	0634.0	0634.8	4.0	6.0			
	2850	CRIM	7 C	0634.5	0634.9	4.0	9.0	3.0		
	650	GORK	2 S/F	0635.5	0635.9	1.9	2.0			
	9100	GORK	1 S	0636.3	0636.6	1.8	9.0			
	650	GORK	20 GRF	0643.3	0650.9	11.1	2.0			
	2840	PEKG	5 S	0645.0	0650.5	24.0	17.7			
	3100	BERN	4 S/F	0646.4	0650.3	9.2	2.9			
	3013	IZMI	7 C	0648.0	0650.5	7.0	19.0	8.0		
	5200	BERN	3 S	0648.7	0650.4	6.2	2.8			
	8400	BERN	3 S	0648.8	0650.4	5.8	1.8			
	950	GORK	1 S	0649.2	0650.5	4.0	15.0			
	2850	CRIM	1 S	0649.3	0650.1	1.8	10.0	3.0		
	9100	GORK	1 S	0649.9	0650.4	2.7	11.0			
	5900	KISV	22 GRF	0750.0	0807.7	45.0	8.0			
	9300	KISV	22 GRF	0752.0	0808.0	41.0	10.0			
	3013	IZMI	40 F	0754.0	0805.7	15.0	9.0			
	2950	GORK	20 GRF	0754.0	0805.8	37.2	9.0			
	9100	GORK	20 GRF	0754.5	0808.5	34.0	12.0			
	430	KRAK	42 SER	0756.0	0801.0		9.0			
	430	KRAK	42 SER	0756.0	0802.3		58.0			
	430	KRAK	42 SER	0756.0	0756.5	7.00	50.0			
	410	LEAR	8 S	0757.0E	0757.0	U	300.0			QL=4 ST=2 TYP=3
	245	LEAR	8 S	0801.0E	0802.0	2.00	16.0			QL=4 ST=2 TYP=3
	410	LEAR	8 S	0802.0E	0802.0	U	83.0			QL=4 ST=2 TYP=3
	610	LEAR	8 S	0802.0E	0802.0	U	310.0			QL=4 ST=2 TYP=3
	650	GORK	4 S/F	0802.1	0802.6	0.8	46.0			
	950	GORK	1 S	0802.2	0802.6	0.6	6.0			
	810	KRAK	8 S	0802.3	0802.3	0.3	25.0			
	2850	CRIM	1 S	0804.6	0806.0	3.0	8.0	3.0		
	204	IZMI	42 SER	0931.0	0932.0	7.0	67.0			
	8400	BERN	46 C	1119.8	1127.2	16.0	30.6			
	5900	KISV	47 GB	1120.0	1127.4	12.4	185.0			
	5900	KISV	30 PBI	1120.0	1132.4	66.5	16.0			
	11800	BERN	46 C	1120.4	1127.2	15.7	22.7			
	430	KRAK	46 C	1120.5	1126.0		21.0			
	430	KRAK	46 C	1120.5	1128.00		140.00			
	5200	BERN	46 C	1120.5	1127.3	15.8	27.3			
	430	KRAK	46 C	1120.5	1129.5		31.0			
	430	KRAK	46 C	1120.5	1128.5		100.00			
	430	KRAK	46 C	1120.5	1123.50		140.00			
	430	KRAK	46 C	1120.5	1121.50	12.5	140.00	15.00		
	9300	KISV	47 GB	1120.9	1127.3	12.4	236.0			
	9300	KISV	30 PBI	1120.9	1133.3	72.1	36.0			
	19600	BERN	46 C	1121.1	1127.2	15.1	9.7			
	3100	BERN	46 C	1121.3	1127.3	14.8	21.2			
	3013	IZMI	7 C	1121.5	1127.3	13.0	178.0			
	410	SVTO	49 GB	1122.0E	1123.0	2.00	3500.0			QL=4 ST=2 TYP=6
	33	UPIC	32 ABS	1122.0	1131.0	63.0				
	2850	CRIM	30 PBI	1122.0	1131.0	100.0	17.0			
	2850	CRIM	4 S/F	1122.0	1127.3	99.0	135.0	45.0		
	808	ONDR	48 C	1123.0	1127.0	9.8	250.0			
	2695	SVTO	4 S/F	1123.0E	1127.0	7.00	140.0			QL=2 ST=2 TYP=3
	245	SVTO	49 GB	1123.0E	1123.0	2.00	7700.0			QL=4 ST=2 TYP=6
	4995	SVTO	4 S/F	1123.0E	1127.0	9.00	190.0			QL=4 ST=2 TYP=3
	4995	SGMR	4 S/F	1123.0E	1127.0	11.00	160.0			QL=2 ST=2 TYP=3
	8800	SVTO	4 S/F	1123.0E	1127.0	14.00	220.0			QL=4 ST=2 TYP=3
	204	IZMI	42 SER	1123.0	1123.5	6.5	850.0			
	810	KRAK	45 C	1123.0	1127.5		170.0			

S O L A R R A D I O E M I S S I O N

Outstanding Occurrences

25
Sep 92

SEPTEMBER 1992

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 ⁻²² W/m ² Hz)	Mean	Int	Remarks
05	260	ONDR	4 S/F	1123.0	1123.5	0.6	640.00			OFF SCALE
	536	ONDR	48 C	1123.0	1127.5	9.8	260.0			
	810	KRAK	45 C	1123.0	1124.5	10.0	70.0	40.0		
	600	HUMN	2 S/F	1123.0	1123.8	2.0	66.0	10.0		
	2695	SGMR	4 S/F	1124.0E	1127.0	7.00	110.0			QL=2 ST=2 TYP=3
	15400	SVTO	4 S/F	1124.0E	1127.0	13.00	140.0			QL=4 ST=2 TYP=3
	1415	SGMR	4 S/F	1125.0E	1126.0	6.00	180.0			QL=2 ST=2 TYP=3
	1415	SVTO	4 S/F	1125.0E	1126.0	6.00	160.0			QL=4 ST=2 TYP=3
	15400	SGMR	4 S/F	1126.0E	1127.0	5.00	85.0			QL=2 ST=2 TYP=3
	600	HUMN	2 S/F	1126.5	1127.0	6.0	72.0	12.0		
	430	KRAK	6 S	1152.0	1152.5	0.7	21.0			
	3100	BERN	46 C	1200.7	1209.8	48.0	2.0			
	5200	BERN	46 C	1200.9	1209.1	41.9	6.3			
	8400	BERN	46 C	1200.9	1208.9	48.1	4.9			
	19600	BERN	4 S/F	1202.1	1209.4	21.6	1.4			
	5900	KISV	4 S/F	1203.1	1210.1	8.7	55.0			
	33	UPIC	46 C	1203.3	1205.3	5.5				
	11800	BERN	46 C	1203.3	1209.9	48.1	3.1			
	9300	KISV	4 S/F	1204.8	1209.2	8.0	38.0			
	8800	SGMR	4 S/F	1207.0E	1209.0	713.00	53.0			QL=2 ST=1 TYP=3
	536	ONDR	27 RF	1207.5	1208.5	13.0	85.0			
	600	HUMN	2 S/F	1208.0	1209.5	4.0	21.0	3.0		
	430	KRAK	6 S	1209.5	1209.7	0.5	22.0			
	2850	CRIM	1 S	1214.2		8.0	12.0	4.0		
	430	KRAK	1 S	1243.0	1243.0	0.3	9.0			
	430	KRAK	6 S	1253.0	1253.0	0.3	12.0			
	430	KRAK	1 S	1256.0	1256.0	0.3	6.0			
	536	ONDR	46 C	1302.3	1304.0	2.0	70.0			
	5200	BERN	4 S/F	1323.9	1332.7	37.8	3.5			
	9500	CUBA	21 GRF	1324.0	1441.0	99.0	13.0	6.0		
	11800	BERN	3 S	1324.2	1332.7	28.5	1.7			
	3100	BERN	4 S/F	1324.8	1332.8	33.9	1.5			
	8400	BERN	3 S	1330.5	1332.7	6.1	2.3			
	9500	CUBA	1 S	1331.0	1332.6	2.8	15.0	7.0		
	245	SVTO	49 GB	1346.0E	1347.0	1.00	680.0			QL=4 ST=2 TYP=6
	536	ONDR	45 C	1346.3	1346.8	1.3	162.0			
	808	ONDR	6 S	1346.5	1347.5	1.2	65.0			
	410	SVTO	8 S	1347.0E	1347.0	U	130.0			QL=4 ST=2 TYP=3
	410	SVTO	8 S	1439.0E	1439.0	1.00	450.0			QL=4 ST=2 TYP=3
	245	SVTO	49 GB	1439.0E	1440.0	1.00	2700.0			QL=4 ST=2 TYP=6
	536	ONDR	8 S	1439.8	1440.0	0.5	115.0			
	245	SVTO	8 S	1442.0E	1442.0	U	250.0			QL=4 ST=2 TYP=3
	245	SVTO	8 S	1537.0E	1537.0	U	140.0			QL=4 ST=2 TYP=3
	11800	BERN	4 S/F	1555.2	1556.3	4.6	15.9			
	9500	CUBA	1 S	1555.3	1556.7	3.2	87.0	17.0		
	8400	BERN	3 S	1555.7	1556.3	1.5	6.7			
	19600	BERN	4 S/F	1555.8	1556.3	1.9	16.7			
	35000	BERN	3 S	1555.9	1556.3	1.1	6.3			
	15400	SGMR	8 S	1556.0E	1556.0	U	180.0			QL=2 ST=2 TYP=3
	8800	SGMR	8 S	1556.0E	1556.0	U	63.0			QL=2 ST=2 TYP=3
	8800	SVTO	8 S	1556.0E	1556.0	U	62.0			QL=4 ST=2 TYP=3
	15400	SVTO	8 S	1556.0E	1556.0	U	170.0			QL=4 ST=2 TYP=3
	9500	CUBA	29 PBI	1558.5		9.9	7.0	3.0		
	2800	PENT	4 S/F	1615.3	1618.9	9.8	13.3	5.0		
	9500	CUBA	22 GRF	1617.0	1622.0	18.00	22.0			1635 OFF
	280	CUBA	7 C	1623.3	1629.0	17.0	21.0			
	235	CUBA	48 C	1623.3	1629.0	20.6	48.0			
	410	SVTO	8 S	1627.0E	1628.0	2.00	180.0			QL=2 ST=2 TYP=3
	2800	PENT	3 S	1627.3	1628.9	4.0	10.8	5.0		
	245	SVTO	8 S	1628.0E	1628.0	1.00	50.0			QL=2 ST=2 TYP=3
	9500	CUBA	21 GRF	1722.0	1731.0	16.0	11.0	5.0		
	2695	PALE	8 S	1724.0E	1724.0	1.00	22.0			QL=4 ST=2 TYP=3
	610	PALE	49 GB	1724.0E	1724.0	3.00	580.0			QL=4 ST=2 TYP=6
	4995	PALE	8 S	1724.0E	1724.0	2.00	48.0			QL=4 ST=2 TYP=3
	15400	PALE	8 S	1724.0E	1724.0	1.00	170.0			QL=4 ST=2 TYP=3
	8800	PALE	8 S	1724.0E	1724.0	2.00	84.0			QL=4 ST=2 TYP=3
	1415	PALE	8 S	1724.0E	1724.0	1.00	9.0			QL=4 ST=2 TYP=3
	15400	SGMR	8 S	1724.0E	1724.0	1.00	130.0			QL=2 ST=2 TYP=3
	8800	SGMR	8 S	1724.0E	1724.0	2.00	120.0			QL=2 ST=2 TYP=3

S O L A R R A D I O E M I S S I O N

Outstanding Occurrences

SEPTEMBER 1992

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density		Int	Remarks
							Peak (10 -22 W/m 2 Hz)	Mean		
05	4995	SGMR	8 S	1724.0E	1724.0	1.00	64.0			QL=2 ST=2 TYP=3
	2695	SGMR	8 S	1724.0E	1724.0	1.00	29.0			QL=2 ST=2 TYP=3
	410	PALE	49 GB	1724.0E	1724.0	396.00	3500.0			QL=4 ST=1 TYP=6
	9500	CUBA	4 S/F	1724.4	1724.8	2.9	137.0	28.0		
	235	CUBA	6 S	1753.1	1754.0	1.2	47.0			
	410	PALE	8 S	1754.0E	1754.0	U	48.0			QL=4 ST=2 TYP=3
	245	PALE	8 S	1754.0E	1754.0	U	450.0			QL=4 ST=2 TYP=3
	235	CUBA	48 C	1811.0E	1824.0	18.50				
	245	PALE	8 S	1823.0E	1824.0	1.00	78.0			QL=4 ST=2 TYP=3
	410	PALE	8 S	1823.0E	1824.0	1.00	100.0			QL=4 ST=2 TYP=3
	610	PALE	49 GB	1823.0E	1824.0	2.00	3400.0			QL=4 ST=2 TYP=6
	2800	PENT	3 S	1849.7	1852.8	8.3	16.4	6.0		
	245	PALE	8 S	1919.0E	1919.0	1.00	87.0			QL=4 ST=2 TYP=3
	610	PALE	8 S	1919.0E	1919.0	1.00	250.0			QL=4 ST=2 TYP=3
	610	PALE	4 S/F	1930.0E	1931.0	4.00	35.0			QL=4 ST=2 TYP=3
	410	PALE	8 S	1930.0E	1931.0	1.00	24.0			QL=4 ST=2 TYP=3
	245	PALE	8 S	1931.0E	1931.0	U	270.0			QL=4 ST=2 TYP=3
	410	PALE	8 S	2001.0E	2001.0	U	49.0			QL=4 ST=2 TYP=3
	410	PALE	8 S	2011.0E	2011.0	U	130.0			QL=4 ST=2 TYP=3
	245	PALE	8 S	2125.0E	2125.0	1.00	73.0			QL=4 ST=2 TYP=3
	245	PALE	8 S	2239.0E	2240.0	2.00	190.0			QL=4 ST=2 TYP=3
	410	PALE	8 S	2240.0E	2241.0	1.00	50.0			QL=4 ST=2 TYP=3
	245	LEAR	49 GB	2244.0E	2245.0	8.00	1500.0			QL=4 ST=2 TYP=6
	410	LEAR	4 S/F	2244.0E	2245.0	8.00	330.0			QL=4 ST=2 TYP=3
	4995	PALE	4 S/F	2244.0E	2245.0	6.00	9.0			QL=4 ST=2 TYP=3
	8800	PALE	4 S/F	2244.0E	2248.0	5.00	8.0			QL=4 ST=2 TYP=3
	410	PALE	49 GB	2244.0E	2248.0	6.00	560.0			QL=4 ST=2 TYP=6
	245	PALE	49 GB	2244.0E	2245.0	5.00	2000.0			QL=4 ST=2 TYP=6
	610	PALE	4 S/F	2244.0E	2248.0	7.00	26.0			QL=4 ST=2 TYP=3
	1415	PALE	4 S/F	2244.0E	2246.0	5.00	9.0			QL=4 ST=2 TYP=3
	2695	PALE	4 S/F	2244.0E	2248.0	5.00	14.0			QL=4 ST=2 TYP=3
06	245	PALE	44 NS	0100.0E	0108.0	53.00	79.0			QL=4 ST=3 TYP=1
	245	LEAR	43 NS	0206.0	0432.0	472.00	170.0			QL=4 ST=2 TYP=1
	245	PALE	44 NS	0215.0E	0217.0	10.00	63.0			QL=4 ST=2 TYP=1
	245	SVTO	44 NS	0444.0E	1110.0	728.00	490.0			QL=4 ST=2 TYP=1
	200	GORK	44 NS	0600.0E		180.00	120.0			
	100	GORK	44 NS	0600.0E		180.00	30.0			
	204	I2MI	43 NS	0600.0		360.0	130.0			
	127	TORN	44 NS	0620.0E		520.00		160.0		V=1
	33	UPIC	43 NS	0650.0		594.0				
	260	ONDR	44 NS	0800.0E	1154.0		640.0			
	260	ONDR	44 NS	0800.0E	0804.0	440.00	220.0			
	430	KRAK	43 NS	1110.0	1217.0		49.0			
	430	KRAK	43 NS	1110.0	1143.0		31.0			
	430	KRAK	43 NS	1110.0	1158.0		56.0			
	430	KRAK	43 NS	1110.0	1148.0		40.0			
	430	KRAK	43 NS	1110.0	1123.0	67.0	20.0			
	430	KRAK	43 NS	1110.0	1154.0U		125.00			
	430	KRAK	43 NS	1110.0	1151.5		17.0			
	810	KRAK	43 NS	1112.0	1211.0		30.0			
	810	KRAK	43 NS	1112.0	1154.0		96.0			
	810	KRAK	43 NS	1112.0	1141.0		81.0			
	810	KRAK	43 NS	1112.0	1238.0		122.0			
	810	KRAK	43 NS	1112.0	1145.3		62.0			
	810	KRAK	43 NS	1112.0	1150.5		58.0			
	810	KRAK	43 NS	1112.0	1236.7		196.0			
	410	SVTO	44 NS	1120.0E	1157.0	40.00	100.0			QL=4 ST=2 TYP=1
	410	LEAR	8 S	0016.0E	0016.0	U	210.0			QL=4 ST=2 TYP=3
	410	PALE	49 GB	0016.0E	0016.0	U	590.0			QL=4 ST=3 TYP=6
	2840	PEKG	45 C	0026.0	0029.8	9.0	55.5			
	245	LEAR	4 S/F	0027.0E	0029.0	6.00	310.0			QL=2 ST=2 TYP=3
	15400	PALE	4 S/F	0027.0E	0031.0	5.00	18.0			QL=4 ST=2 TYP=3
	4995	PALE	4 S/F	0027.0E	0029.0	8.00	41.0			QL=4 ST=2 TYP=3
	2695	PALE	4 S/F	0027.0E	0029.0	8.00	46.0			QL=4 ST=2 TYP=3
	410	PALE	4 S/F	0027.0E	0034.0	8.00	180.0			QL=4 ST=2 TYP=3
	8800	PALE	4 S/F	0027.0E	0030.0	8.00	28.0			QL=4 ST=2 TYP=3
	410	LEAR	8 S	0029.0E	0029.0	1.00	28.0			QL=4 ST=2 TYP=3
	2695	LEAR	8 S	0029.0E	0029.0	1.00	44.0			QL=4 ST=2 TYP=3

S O L A R R A D I O E M I S S I O N

Outstanding Occurrences

27
Sep 92

SEPTEMBER 1992

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density		Int	Remarks
							Peak (10 -22 W/m 2 Hz)	Mean (2 Hz)		
06	4995	LEAR	8 S	0029.0E	0029.0	2.00	45.0			QL=4 ST=2 TYP=3
	8800	LEAR	8 S	0029.0E	0029.0	1.00	22.0			QL=4 ST=2 TYP=3
	245	LEAR	8 S	0033.0E	0033.0	1.00	73.0			QL=2 ST=2 TYP=3
	410	LEAR	8 S	0033.0E	0034.0	2.00	130.0			QL=4 ST=2 TYP=3
	245	PALE	8 S	0111.0E	0112.0	2.00	230.0			QL=2 ST=2 TYP=3
	2840	PEKG	45 C	0145.0	0158.2		74.7			
	245	LEAR	49 GB	0155.0E	0157.0	4.00	1700.0			QL=2 ST=2 TYP=6
	4995	LEAR	4 S/F	0155.0E	0158.0	4.00	59.0			QL=4 ST=2 TYP=3
	410	LEAR	4 S/F	0155.0E	0157.0	4.00	60.0			QL=4 ST=2 TYP=3
	15400	LEAR	4 S/F	0156.0E	0159.0	5.00	11.0			QL=2 ST=2 TYP=3
	2695	LEAR	4 S/F	0156.0E	0158.0	3.00	57.0			QL=4 ST=2 TYP=3
	8800	LEAR	4 S/F	0156.0E	0158.0	3.00	20.0			QL=4 ST=2 TYP=3
	610	LEAR	4 S/F	0156.0E	0157.0	3.00	55.0			QL=4 ST=2 TYP=3
	2695	PALE	4 S/F	0156.0E	0158.0	7.00	65.0			QL=4 ST=2 TYP=3
	8800	PALE	4 S/F	0156.0E	0158.0	7.00	17.0			QL=4 ST=2 TYP=3
	410	PALE	4 S/F	0156.0E	0157.0	3.00	150.0			QL=4 ST=2 TYP=3
	610	PALE	4 S/F	0156.0E	0202.0	7.00	110.0			QL=4 ST=2 TYP=3
	245	PALE	49 GB	0156.0E	0157.0	7.00	2200.0			QL=4 ST=2 TYP=6
	1415	PALE	4 S/F	0157.0E	0158.0	6.00	13.0			QL=4 ST=2 TYP=3
	15400	PALE	4 S/F	0158.0E	0200.0	5.00	14.0			QL=4 ST=2 TYP=3
	610	LEAR	4 S/F	0200.0E	0202.0	3.00	110.0			QL=4 ST=2 TYP=3
	410	LEAR	49 GB	0200.0E	0209.0	10.00	1100.0			QL=4 ST=2 TYP=6
	245	LEAR	8 S	0201.0E	0202.0	2.00	400.0			QL=2 ST=2 TYP=3
	410	PALE	49 GB	0204.0E	0209.0	6.00	1700.0			QL=4 ST=2 TYP=7
	245	LEAR	4 S/F	0205.0E	0209.0	6.00	260.0			QL=2 ST=2 TYP=3
	2840	PEKG	45 C	0205.0	0206.8	12.0	61.7			
	410	LEAR	49 GB	0206.0E	0209.0	7.00	1100.0			QL=4 ST=2 TYP=6
	4995	PALE	4 S/F	0206.0E	0207.0	3.00	78.0			QL=4 ST=2 TYP=3
	15400	PALE	8 S	0207.0E	0207.0	U	24.0			QL=4 ST=2 TYP=3
	2695	PALE	8 S	0207.0E	0207.0	2.00	47.0			QL=4 ST=2 TYP=3
	8800	PALE	8 S	0207.0E	0207.0	1.00	44.0			QL=4 ST=2 TYP=3
	245	PALE	4 S/F	0207.0E	0209.0	4.00	260.0			QL=4 ST=2 TYP=5
	9100	GORK	23 GRF	0254.0E	0912.2	399.00	24.0			
	245	PALE	8 S	0259.0E	0259.0	1.00	110.0			QL=4 ST=2 TYP=3
	245	PALE	8 S	0301.0E	0302.0	1.00	72.0			QL=4 ST=2 TYP=3
	245	PALE	8 S	0308.0E	0308.0	1.00	92.0			QL=4 ST=2 TYP=3
	2950	GORK	21 GRF	0312.0E	0431.3	201.00	11.0			
	245	PALE	8 S	0319.0E	0319.0	U	69.0			QL=4 ST=2 TYP=3
	410	PALE	8 S	0333.0E	0333.0	U	62.0			QL=4 ST=2 TYP=3
	245	PALE	8 S	0344.0E	0345.0	1.00	360.0			QL=4 ST=2 TYP=3
	410	PALE	8 S	0344.0E	0346.0	2.00	73.0			QL=4 ST=2 TYP=3
	245	LEAR	8 S	0345.0E	0345.0	U	360.0			QL=2 ST=2 TYP=3
	410	LEAR	8 S	0346.0E	0346.0	U	46.0			QL=4 ST=2 TYP=3
	245	LEAR	8 S	0346.0E	0346.0	U	150.0			QL=2 ST=2 TYP=3
	950	GORK	21 GRF	0353.0E	0411.0	119.40	5.0			
	2840	PEKG	45 C	0405.0	0417.6	25.0	40.0			
	2950	GORK	7 C	0410.0	0419.0		27.0			
	245	LEAR	8 S	0410.0E	0410.0	2.00	180.0			QL=2 ST=2 TYP=3
	245	PALE	8 S	0410.0E	0411.0	2.00	170.0			QL=4 ST=2 TYP=3
	2950	GORK	7 C	0410.0	0411.3	14.5	11.0			
	410	PALE	4 S/F	0417.0E	0418.0	6.00	97.0			QL=2 ST=2 TYP=3
	2695	PALE	4 S/F	0417.0E	0418.0	4.00	37.0			QL=2 ST=2 TYP=3
	245	PALE	4 S/F	0417.0E	0422.0	5.00	170.0			QL=2 ST=2 TYP=3
	950	GORK	4 S/F	0417.0	0417.6	2.8	24.0			
	2695	LEAR	8 S	0418.0E	0418.0	1.00	29.0			QL=4 ST=2 TYP=3
	245	LEAR	4 S/F	0418.0E	0422.0	4.00	190.0			QL=2 ST=2 TYP=5
	4995	LEAR	8 S	0418.0E	0418.0	U	24.0			QL=4 ST=2 TYP=3
	410	LEAR	8 S	0418.0E	0418.0	U	120.0			QL=4 ST=2 TYP=3
	4995	PALE	8 S	0418.0E	0418.0	1.00	22.0			QL=2 ST=2 TYP=3
	8800	PALE	8 S	0418.0E	0418.0	1.00	11.0			QL=2 ST=2 TYP=3
	5900	KISV	4 S/F	0508.3	0516.0	16.1	106.0			
	5900	KISV	29 PBI	0508.3	0524.4	60.8	6.0			
	2840	PEKG	45 C	0511.0	0516.5	19.0	88.2			
	9300	KISV	29 PBI	0512.6	0521.0	28.2	22.0			
	9300	KISV	4 S/F	0512.6	0515.9	8.4	132.0			
	2850	CRIM	45 C	0512.8	0515.0	6.0	77.0	24.0		
	2850	CRIM	29 PBI	0512.8	0518.8	70.0	4.0	1.0		
	2850	CRIM	45 C	0512.8	0516.9		50.0			
	4995	LEAR	4 S/F	0513.0E	0515.0	6.00	100.0			QL=4 ST=2 TYP=3

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SOLAR RADIO EMISSION Outstanding Occurrences

SEPTEMBER 1992

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 -22 W/m 2 Hz)	Mean	Int	Remarks
06	245	SVTO	4 S/F	0513.0E	0514.0	14.00	260.0			QL=2 ST=2 TYP=3
	9100	GORK	46 C	0513.6	0515.3	8.0	124.0			
	9100	GORK	46 C	0513.6	0517.5		84.0			
	2950	GORK	46 C	0513.8	0517.8		37.0			
	2950	GORK	46 C	0513.8	0515.9	8.2	59.0			
	2695	LEAR	4 S/F	0514.0E	0515.0	4.00	73.0			QL=4 ST=2 TYP=3
	610	LEAR	4 S/F	0514.0E	0518.0	4.00	120.0			QL=4 ST=2 TYP=5
	8800	SVTO	4 S/F	0514.0E	0515.0	5.00	110.0			QL=2 ST=2 TYP=3
	2695	SVTO	4 S/F	0514.0E	0515.0	4.00	84.0			QL=2 ST=2 TYP=3
	4995	SVTO	4 S/F	0514.0E	0515.0	4.00	94.0			QL=4 ST=2 TYP=3
	15400	LEAR	4 S/F	0514.0E	0515.0	11.00	93.0			QL=2 ST=2 TYP=3
	15400	SVTO	4 S/F	0514.0E	0515.0	13.00	110.0			QL=2 ST=2 TYP=3
	650	GORK	46 C	0514.2	0515.1	7.5	55.0			
	650	GORK	46 C	0514.2	0518.3		35.0			
	950	GORK	4 S/F	0514.3	0518.8	4.6	40.0			
	245	LEAR	8 S	0515.0E	0515.0	1.00	67.0			QL=2 ST=2 TYP=3
	410	SVTO	8 S	0515.0E	0517.0	2.00	110.0			QL=2 ST=2 TYP=3
	1415	SVTO	8 S	0515.0E	0515.0	U	27.0			QL=4 ST=2 TYP=3
	410	LEAR	8 S	0517.0E	0517.0	1.00	180.0			QL=4 ST=2 TYP=3
	650	GORK	2 S/F	0539.0	0539.8	1.2	3.0			
	9100	GORK	1 S	0539.1	0539.7	2.2	10.0			
	950	GORK	1 S	0539.3	0539.8	0.8	4.0			
	650	GORK	4 S/F	0542.3	0542.8	0.9	65.0			
	8400	BERN	46 C	0649.2	0653.3	26.1	15.3			
	5900	KISV	30 PBI	0650.0	0700.1	33.6	14.0			
	2840	PEKG	45 C	0650.0	0655.2	30.0	58.6			
	5900	KISV	4 S/F	0650.0	0654.5	9.9	56.0			
	19600	BERN	46 C	0650.8	0653.3	13.6	4.1			
	5200	BERN	46 C	0651.1	0653.5	24.5	8.8			
	11800	BERN	46 C	0651.3	0653.3	28.0	8.5			
	3100	BERN	46 C	0652.1	0655.2	25.9	7.8			
	9100	GORK	4 S/F	0652.8	0653.3	5.6	108.0			
	4995	LEAR	8 S	0653.0E	0654.0	2.00	38.0			QL=4 ST=2 TYP=3
	8800	LEAR	8 S	0653.0E	0653.0	1.00	110.0			QL=4 ST=2 TYP=3
	15400	LEAR	8 S	0653.0E	0653.0	U	32.0			QL=2 ST=2 TYP=3
	4995	SVTO	8 S	0653.0E	0653.0	2.00	45.0			QL=4 ST=2 TYP=3
	15400	SVTO	8 S	0653.0E	0653.0	U	47.0			QL=2 ST=2 TYP=3
	8800	SVTO	8 S	0653.0E	0653.0	1.00	92.0			QL=2 ST=2 TYP=3
	2850	CRIM	30 PBI	0653.0	0658.0	32.0	9.0	3.0		
	3013	I2MI	22 GRF	0653.0	0655.3	17.0	40.0			
	2850	CRIM	3 S	0653.0	0655.4	5.0	55.0	18.0		
	9300	KISV	4 S/F	0653.0	0653.5	4.7	116.0			
	9300	KISV	29 PBI	0653.0	0657.7	18.0	14.0			
	2950	GORK	46 C	0653.2	0655.4	17.8	43.0			
	2950	GORK	46 C	0653.2	0705.8		12.0			
	2950	GORK	21 GRF	0653.2	0719.9	156.80	9.0			
	200	GORK	4 S/F	0653.5	0655.4	3.5	700.0			
	950	GORK	21 GRF	0653.8	0656.7	15.2	5.0			
	33	UPIC	48 C	0654.0		4.0				
	430	KRAK	27 RF	0654.0	0656.0	2.5	17.0	10.0		
	610	LEAR	8 S	0654.0E	0654.0	U	390.0			QL=4 ST=2 TYP=3
	245	LEAR	49 GB	0654.0E	0655.0	2.00	600.0			QL=2 ST=2 TYP=6
	2695	SVTO	8 S	0654.0E	0655.0	1.00	48.0			QL=2 ST=2 TYP=3
	245	SVTO	49 GB	0654.0E	0655.0	2.00	910.0			QL=2 ST=2 TYP=6
	410	SVTO	8 S	0654.0E	0655.0	2.00	48.0			QL=2 ST=2 TYP=3
	204	I2MI	42 SER	0654.0	0655.0	14.0	330.0			
	650	GORK	46 C	0654.1	0655.2		11.0			
	950	GORK	1 S	0654.1	0655.4	2.6	11.0			
	650	GORK	46 C	0654.1	0654.5	4.1	46.0			
	810	KRAK	24 R	0654.5	0655.0	1.7	7.0	3.0		
	410	LEAR	8 S	0655.0E	0655.0	1.00	52.0			QL=4 ST=2 TYP=3
	430	KRAK	7 C	0658.5	0701.0	9.5	21.0	5.0		
	410	SVTO	4 S/F	0702.0E	0706.0	4.00	59.0			QL=4 ST=3 TYP=3
	5900	KISV	46 C	0702.2	0708.2		5.0			
	5900	KISV	46 C	0702.2	0705.7	6.7	8.0			
	5900	KISV	46 C	0702.2	0703.9		4.0			
	2850	CRIM	42 SER	0703.0	0704.0	6.0	8.5	3.0		
	2850	CRIM	42 SER	0703.0	0708.1		6.9			
	245	LEAR	8 S	0704.0E	0706.0	2.00	110.0			QL=2 ST=2 TYP=3

S O L A R R A D I O E M I S S I O N

Outstanding Occurrences

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SEPTEMBER 1992

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density		Int	Remarks
							Peak (10 -22 W/m 2 Hz)	Mean		
06	410	LEAR	8 S	0705.0E	0706.0	1.00	34.0			QL=4 ST=2 TYP=3
	245	SVTO	8 S	0705.0E	0706.0	1.00	100.0			QL=2 ST=3 TYP=3
	2840	PEKG	3 S	0730.0	0740.0	15.0	13.5			
	5200	BERN	3 S	0734.7	0739.8	16.7	1.4			
	950	GORK	2 S/F	0735.4	0740.3	5.8	20.0			
	650	GORK	1 S	0735.4	0735.5	0.6	4.0			
	430	KRAK	42 SER	0735.5	0740.0		17.0			
	430	KRAK	8 S	0735.5	0752.3		130.00			
	430	KRAK	42 SER	0735.5	0746.3		10.0			
	430	KRAK	42 SER	0735.5	0747.5		15.0			
	430	KRAK	42 SER	0735.5	0736.5	20.0	4.0			
	2950	GORK	1 S	0736.0	0740.0	9.0	9.0			
	810	KRAK	24 R	0736.0	0740.7	6.0	6.0	2.0		
	33	UPIC	48 C	0736.5	0740.0	4.5				
	100	GORK	4 S/F	0736.8	0740.5	4.7	500.0			
	3013	IZMI	5 S	0737.0	0740.0	8.0	4.0	2.0		
	245	SVTO	4 S/F	0738.0E	0739.0	3.00	430.0			QL=2 ST=2 TYP=3
	245	LEAR	8 S	0739.0E	0739.0	2.00	330.0			QL=2 ST=2 TYP=3
	410	SVTO	8 S	0739.0E	0739.0	1.00	38.0			QL=4 ST=3 TYP=3
	200	GORK	4 S/F	0739.3	0739.7	1.5	1750.0			
	204	IZMI	41 F	0740.0	0741.0	2.0	1300.0			
	3100	BERN	3 S	0813.4	0814.5	3.0	32.5			
	5200	BERN	46 C	0839.9	0903.8	88.3	14.2			
	11800	BERN	4 S/F	0841.6	0903.9	89.4U	32.7			
	19600	BERN	4 S/F	0851.2	0903.9	64.8	23.8			
	35000	BERN	3 S	0851.9	0904.0	25.1	19.4			
	50000	BERN	3 S	0855.6	0904.0	15.5	22.8			
	8400	BERN	4 S/F	0858.2	0903.9	59.3	28.5			
	3100	BERN	46 C	0858.5	0903.7	25.5	8.1			
	5900	KISV	4 S/F	0900.0	0904.3	13.4	123.0			
	5900	KISV	29 PBI	0900.0	0913.4	43.5	13.0			
	9300	KISV	47 GB	0900.7	0904.2	10.7	267.0			
	950	GORK	21 GRF	0900.9	0905.3	8.1	4.0			
	3013	IZMI	7 C	0901.0	0903.5	14.0	45.0			
	2950	GORK	4 S/F	0901.7	0903.9	9.5	45.0			
	650	GORK	20 GRF	0901.7	0903.9	7.3	2.0			
	9100	GORK	4 S/F	0901.9	0904.1	10.3	250.0			
	8800	LEAR	4 S/F	0902.0E	0904.0	6.00	270.0			QL=4 ST=2 TYP=3
	4995	LEAR	4 S/F	0902.0E	0904.0	6.00	97.0			QL=4 ST=2 TYP=3
	15400	LEAR	4 S/F	0902.0E	0903.0	6.00	300.0			QL=2 ST=2 TYP=3
	4995	SVTO	4 S/F	0902.0E	0903.0	6.00	93.0			QL=4 ST=2 TYP=3
	8800	SVTO	4 S/F	0902.0E	0904.0	8.00	220.0			QL=2 ST=2 TYP=3
	2840	PEKG	45 C	0902.0	0903.4	9.0	57.6			
	2695	LEAR	8 S	0903.0E	0903.0	1.00	52.0			QL=4 ST=2 TYP=3
	2695	SVTO	8 S	0903.0E	0903.0	1.00	38.0			QL=2 ST=2 TYP=3
	950	GORK	2 S/F	0903.4	0904.2	1.9	28.0			
	9300	KISV	29 PBI	0911.4E	0911.4	45.50	21.0			
	2950	GORK	29 PBI	0911.9		15.1	8.0			
	410	SVTO	8 S	1023.0E	1023.0	U	53.0			QL=4 ST=2 TYP=3
	536	ONDR	8 S	1023.0	1023.2	0.4	65.0			
	5200	BERN	3 S	1027.8	1044.7	44.9	1.0			
	3100	BERN	4 S/F	1030.8	1038.0	35.7	0.8			
	11800	BERN	3 S	1031.2	1044.7	36.8	0.8			
	2850	CRIM	20 GRF	1033.5	1037.6	22.0	6.7	2.0		
	600	HUMN	27 RF	1107.0	1145.0	68.0	13.0	5.0		
	536	ONDR	27 RF	1110.0	1154.0	63.0	114.0			
	810	KRAK	42 SER	1112.0	1129.5	90.0	18.0			
	808	ONDR	41 F	1124.0	1236.5		424.0			
	808	ONDR	41 F	1124.0	1140.5	85.0	140.0			
	9300	KISV	47 GB	1145.9	1151.4		197.0			
	9300	KISV	47 GB	1145.9	1209.4		223.0			
	9300	KISV	47 GB	1145.9	1210.6		199.0			
	9300	KISV	47 GB	1145.9	1153.9	30.3	265.0			
	5900	KISV	47 GB	1146.2	1151.5		133.0			
	5900	KISV	47 GB	1146.2	1209.5	61.8	211.0			
	5900	KISV	47 GB	1146.2	1210.7		198.0			
	5900	KISV	47 GB	1146.2	1153.8		188.0			
	3013	IZMI	41 F	1146.5	1154.0	30.0	85.0			
	4995	SVTO	4 S/F	1147.0E	1209.0	27.00	210.0			QL=4 ST=2 TYP=5

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S O L A R R A D I O E M I S S I O N Outstanding Occurrences

SEPTEMBER 1992

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density		Int	Remarks
							Peak (10 -22 W/m ² Hz)	Mean (2 Hz)		
06	8800	SVTO	4 S/F	1147.0E	1153.0	27.00	230.0			QL=2 ST=2 TYP=5
	8800	SGMR	4 S/F	1147.0E	1153.0	30.00	300.0			QL=2 ST=2 TYP=5
	4995	SGMR	4 S/F	1147.0E	1209.0	30.00	200.0			QL=2 ST=2 TYP=5
	15400	SVTO	4 S/F	1148.0E	1153.0	26.00	170.0			QL=2 ST=2 TYP=5
	2695	SVTO	4 S/F	1149.0E	1153.0	9.00	84.0			QL=2 ST=2 TYP=5
	1415	SGMR	4 S/F	1149.0E	1208.0	25.00	230.0			QL=2 ST=2 TYP=5
	2695	SGMR	4 S/F	1149.0E	1153.0	28.00	86.0			QL=2 ST=2 TYP=5
	15400	SGMR	4 S/F	1150.0E	1153.0	27.00	140.0			QL=2 ST=2 TYP=5
	610	SVTO	49 GB	1153.0E	1154.0	1.00	2600.0			QL=2 ST=2 TYP=6
	245	SVTO	49 GB	1153.0E	1153.0	1.00	2000.0			QL=2 ST=2 TYP=6
	410	SVTO	8 S	1153.0E	1153.0	1.00	330.0			QL=2 ST=2 TYP=3
	1415	SVTO	4 S/F	1153.0E	1157.0	4.00	41.0			QL=4 ST=2 TYP=5
	33	UPIC	48 C	1153.5	1154.3	6.0				
	204	IZMI	41 F	1155.0	1156.0	6.0	1600.0			
	9300	KISV	29 PBI	1216.2E	1216.2	34.00	39.0			
	430	KRAK	8 S	1223.0	1223.3	0.7	34.0			
	245	SVTO	8 S	1229.0E	1229.0	2.00	450.0			QL=2 ST=2 TYP=3
	430	KRAK	7 C	1229.5	1231.0		14.0			
	430	KRAK	7 C	1229.5	1230.0	4.0	19.0	4.0		
	245	SVTO	49 GB	1246.0E	1250.0	7.00	530.0			QL=2 ST=2 TYP=7
	5200	BERN	46 C	1256.1	1308.4	65.8	3.8			
	3100	BERN	46 C	1256.4	1303.9	44.0	4.0			
	8400	BERN	3 S	1256.5	1309.3	63.8	3.6			
	11800	BERN	3 S	1300.5	1309.9	36.8	1.3			
	430	KRAK	46 C	1301.0	1307.0		115.0			
	430	KRAK	46 C	1301.0	1304.0		70.0			
	430	KRAK	46 C	1301.0	1303.0	15.00	82.0	20.00		
	430	KRAK	46 C	1301.0	1311.5U		135.00			
	600	HUMN	4 S/F	1302.0	1304.0	4.6	287.0	74.0		
	810	KRAK	46 C	1302.0	1305.0		84.0			
	410	SVTO	4 S/F	1302.0E	1308.0	8.00	170.0			QL=2 ST=2 TYP=5
	810	KRAK	46 C	1302.0	1304.0	10.0	68.0	5.0		
	810	KRAK	46 C	1302.0	1311.5		76.0			
	536	ONDR	49 GB	1302.0	1303.5	35.0	580.0			
	19600	BERN	3 S	1302.8	1312.3	40.2	1.5			
	8800	SGMR	4 S/F	1303.0E	1304.0	3.00	30.0			QL=2 ST=2 TYP=3
	4995	SGMR	4 S/F	1303.0E	1304.0	3.00	28.0			QL=2 ST=2 TYP=3
	2695	SGMR	8 S	1303.0E	1304.0	1.00	38.0			QL=2 ST=2 TYP=3
	600	HUMN	4 S/F	1307.0	1311.4	7.0	126.0	28.0		
	3100	BERN	3 S	1517.8	1520.6	5.8	2.0			
	5200	BERN	3 S	1518.2	1520.8	9.0	2.0			
	8400	BERN	3 S	1518.8	1520.7	6.7	1.9			
	610	SVTO	8 S	1519.0E	1520.0	2.00	79.0			QL=2 ST=2 TYP=3
	245	SVTO	8 S	1519.0E	1521.0	2.00	150.0			QL=2 ST=2 TYP=3
	536	ONDR	2 S/F	1519.0	1520.5	2.1	82.0			
	600	HUMN	2 S/F	1520.0	1520.3	2.0	34.0	10.0		
	8800	SGMR	8 S	1641.0E	1641.0	1.00	61.0			QL=2 ST=2 TYP=3
	15400	SGMR	8 S	1641.0E	1641.0	1.00	39.0			QL=2 ST=2 TYP=3
	4995	SGMR	8 S	1641.0E	1641.0	1.00	54.0			QL=2 ST=2 TYP=3
	600	HUMN	2 S/F	1713.0	1714.5	3.5	35.0	12.0		
	245	PALE	8 S	1714.0E	1714.0	1.00	170.0			QL=4 ST=2 TYP=3
	610	PALE	8 S	1714.0E	1714.0	1.00	41.0			QL=4 ST=2 TYP=3
	410	PALE	8 S	1715.0E	1715.0	U	340.0			QL=4 ST=2 TYP=3
	2800	PENT	3 S	1829.8	1831.0	5.1	34.6	9.0		
	2695	SGMR	8 S	1830.0E	1830.0	1.00	32.0			QL=2 ST=2 TYP=3
	4995	SGMR	8 S	1830.0E	1830.0	1.00	50.0			QL=2 ST=2 TYP=3
	8800	SGMR	8 S	1830.0E	1830.0	U	41.0			QL=2 ST=2 TYP=3
	2800	PENT	3 S	1842.0	1846.1	7.8	365.0	78.0		
	4995	PALE	4 S/F	1843.0E	1845.0	5.00	490.0			QL=4 ST=2 TYP=3
	8800	PALE	49 GB	1843.0E	1845.0	5.00	700.0			QL=4 ST=2 TYP=6
	15400	PALE	49 GB	1843.0E	1845.0	5.00	590.0			QL=4 ST=2 TYP=6
	2695	PALE	4 S/F	1843.0E	1845.0	5.00	420.0			QL=4 ST=2 TYP=3
	4995	SGMR	49 GB	1843.0E	1845.0	14.00	540.0			QL=2 ST=2 TYP=6
	8800	SGMR	49 GB	1843.0E	1845.0	14.00	750.0			QL=2 ST=2 TYP=6
	2695	SGMR	4 S/F	1843.0E	1845.0	14.00	400.0			QL=2 ST=2 TYP=3
	1415	PALE	4 S/F	1844.0E	1845.0	4.00	91.0			QL=4 ST=2 TYP=3
	1415	SGMR	4 S/F	1844.0E	1846.0	3.00	86.0			QL=2 ST=2 TYP=3
	15400	SGMR	49 GB	1844.0E	1845.0	13.00	570.0			QL=2 ST=2 TYP=6
	610	PALE	49 GB	1845.0E	1846.0	3.00	2100.0			QL=4 ST=2 TYP=6

S O L A R R A D I O E M I S S I O N

Outstanding Occurrences

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Sep 92

SEPTEMBER 1992

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density		Int	Remarks
							Peak (10 -22 W/m 2 Hz)	Mean 2 Hz)		
06	410	PALE	49 GB	1848.0E	1849.0	1.0D	1600.0			QL=4 ST=2 TYP=6
	245	PALE	8 S	1848.0E	1848.0	U	260.0			QL=4 ST=2 TYP=3
	2800	PENT	29 PBI	1849.8	1852.6	200.0	28.4	10.0		
	245	PALE	8 S	2048.0E	2048.0	U	140.0			QL=4 ST=2 TYP=3
	2800	PENT	3 S	2052.9	2056.9	8.2	184.0	60.0		
	1415	PALE	4 S/F	2053.0E	2056.0	6.0D	81.0			QL=4 ST=2 TYP=3
	4995	PALE	4 S/F	2053.0E	2056.0	7.0D	250.0			QL=4 ST=2 TYP=3
	2695	PALE	4 S/F	2053.0E	2056.0	6.0D	210.0			QL=4 ST=2 TYP=3
	410	PALE	4 S/F	2053.0E	2053.0	3.0D	440.0			QL=4 ST=2 TYP=3
	4995	SGMR	4 S/F	2053.0E	2056.0	9.0D	300.0			QL=2 ST=2 TYP=3
	2695	SGMR	4 S/F	2053.0E	2056.0	9.0D	220.0			QL=2 ST=2 TYP=3
	245	PALE	49 GB	2053.0E	2053.0	15.0D	650.0			QL=4 ST=2 TYP=6
	8800	PALE	49 GB	2053.0E	2056.0	10.0D	620.0			QL=4 ST=2 TYP=6
	15400	PALE	49 GB	2053.0E	2056.0	15.0D	910.0			QL=4 ST=2 TYP=6
	610	PALE	49 GB	2055.0E	2057.0	3.0D	870.0			QL=4 ST=2 TYP=6
	1415	SGMR	4 S/F	2055.0E	2056.0	7.0D	79.0			QL=2 ST=2 TYP=3
	410	LEAR	49 GB	2335.0E	2339.0	5.0D	1000.0			QL=4 ST=2 TYP=6
	8800	LEAR	4 S/F	2335.0E	2339.0	5.0D	42.0			QL=4 ST=2 TYP=3
	245	LEAR	4 S/F	2335.0E	2338.0	5.0D	350.0			QL=4 ST=2 TYP=3
	610	LEAR	4 S/F	2335.0E	2339.0	5.0D	190.0			QL=4 ST=2 TYP=3
	15400	LEAR	4 S/F	2336.0E	2339.0	4.0D	44.0			QL=2 ST=2 TYP=3
	610	PALE	8 S	2337.0E	2337.0	U	190.0			QL=4 ST=2 TYP=3
	245	PALE	8 S	2337.0E	2338.0	1.0D	370.0			QL=4 ST=2 TYP=3
	410	PALE	49 GB	2339.0E	2339.0	1.0D	1100.0			QL=4 ST=2 TYP=6
	15400	PALE	8 S	2339.0E	2339.0	U	40.0			QL=4 ST=2 TYP=3
	8800	PALE	8 S	2339.0E	2339.0	U	40.0			QL=4 ST=2 TYP=3
07	100	HIRA	44 NS	0025.0E	0715.0	510.0D	300.0	30.0		WL
	100	GORK	44 NS	0600.0E		180.0D	5.0			
	200	GORK	44 NS	0600.0E		180.0D	25.0			
	204	IZMI	43 NS	0600.0		360.0	15.0			
	127	TORN	44 NS	0620.0E		520.0D		3.0		V=1
	260	ONDR	44 NS	0800.0E	0848.3	425.0D	640.0D			OFF SCALE
	260	ONDR	44 NS	0800.0E	1046.5	425.0D	375.0			
	260	ONDR	44 NS	0800.0E	1033.7		270.0			
	245	SVTO	44 NS	1316.0E	1328.0	39.0D	180.0			QL=4 ST=2 TYP=1
	280	CUBA	44 NS	1340.0E		480.0D		17.0		
	235	CUBA	44 NS	1340.0E		500.0D		21.0		
	245	SVTO	44 NS	1556.0E	1626.0	54.0D	170.0			QL=4 ST=2 TYP=1
	245	PALE	44 NS	2010.0E	2021.0	61.0D	230.0			QL=4 ST=2 TYP=1
	200	HIRA	44 NS	2035.0E	2316.0	235.0D	100.0	60.0		ML
	100	HIRA	44 NS	2035.0E	2338.0	420.0D	400.0	100.0		ML
	245	LEAR	44 NS	2334.0E	2334.0	86.0D	76.0			QL=4 ST=2 TYP=1
	245	LEAR	8 S	0104.0E	0105.0	1.0D	77.0			QL=4 ST=2 TYP=3
	610	LEAR	8 S	0107.0E	0107.0	2.0D	110.0			QL=4 ST=2 TYP=3
	410	LEAR	8 S	0107.0E	0108.0	2.0D	92.0			QL=4 ST=2 TYP=3
	610	PALE	8 S	0107.0E	0107.0	1.0D	110.0			QL=4 ST=2 TYP=3
	410	LEAR	8 S	0153.0E	0155.0	2.0D	61.0			QL=4 ST=2 TYP=3
	245	LEAR	8 S	0153.0E	0153.0	1.0D	88.0			QL=4 ST=2 TYP=3
	245	PALE	8 S	0153.0E	0153.0	U	92.0			QL=4 ST=2 TYP=3
	200	HIRA	46 C	0153.2	0153.5	2.0	5000.0	500.0		O
	410	PALE	8 S	0200.0E	0200.0	U	74.0			QL=4 ST=2 TYP=3
	2840	PEKG	45 C	0318.0	0326.6	12.0	12.1			
	9100	GORK	21 GRF	0327.0E	0642.4	276.6D	49.0			
	2950	GORK	23 GRF	0330.0E	0454.0	330.0D	17.0			
	15400	LEAR	4 S/F	0349.0E	0353.0	14.0D	130.0			QL=2 ST=2 TYP=3
	410	PALE	8 S	0350.0E	0350.0	U	63.0			QL=4 ST=2 TYP=3
	8800	LEAR	4 S/F	0350.0E	0352.0	13.0D	41.0			QL=4 ST=2 TYP=3
	4995	LEAR	4 S/F	0351.0E	0352.0	12.0D	30.0			QL=4 ST=2 TYP=3
	650	GORK	2 S/F	0351.4	0352.8	2.1	10.0			
	410	LEAR	8 S	0352.0E	0352.0	1.0D	52.0			QL=4 ST=2 TYP=3
	245	LEAR	8 S	0352.0E	0352.0	1.0D	300.0			QL=4 ST=2 TYP=3
	245	PALE	8 S	0352.0E	0352.0	1.0D	310.0			QL=4 ST=2 TYP=3
	410	PALE	8 S	0352.0E	0353.0	1.0D	67.0			QL=4 ST=2 TYP=3
	200	HIRA	46 C	0352.0	0352.8	2.7	500.0	90.0		WL
	950	GORK	4 S/F	0352.4	0352.8	1.1	26.0			
	245	LEAR	8 S	0412.0E	0412.0	U	430.0			QL=4 ST=2 TYP=3
	410	LEAR	8 S	0412.0E	0412.0	U	140.0			QL=4 ST=2 TYP=3
	610	LEAR	8 S	0412.0E	0412.0	1.0D	34.0			QL=4 ST=2 TYP=3

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S O L A R R A D I O E M I S S I O N Outstanding Occurrences

SEPTEMBER 1992

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 ⁻²² W/m ² Hz)	Mean	Int	Remarks
07	610	PALE	8 S	0412.0E	0412.0	U	29.0			QL=4 ST=2 TYP=3
	245	PALE	8 S	0412.0E	0412.0	U	480.0			QL=4 ST=2 TYP=3
	410	PALE	8 S	0412.0E	0412.0	U	150.0			QL=4 ST=2 TYP=3
	245	LEAR	49 GB	0422.0E	0422.0	1.0D	3800.0			QL=4 ST=2 TYP=6
	410	LEAR	49 GB	0422.0E	0422.0	1.0D	1300.0			QL=4 ST=2 TYP=6
	410	PALE	49 GB	0422.0E	0422.0	1.0D	920.0			QL=4 ST=2 TYP=6
	245	PALE	49 GB	0422.0E	0422.0	1.0D	4200.0			QL=4 ST=2 TYP=6
	9300	KISV	2 S/F	0508.0	0510.3	9.4	13.0			
	5900	KISV	2 S/F	0509.2	0515.2	8.3	11.0			
	2950	GORK	1 S	0514.8	0515.2	2.8	16.0			
	2850	CRIM	1 S	0514.9	0515.1	2.0	20.0	7.0		
	2840	PEKG	3 S	0535.0	0535.8	3.0	24.0			
	9300	KISV	21 GRF	0552.2	0553.1	15.4	10.0			
	9100	GORK	1 S	0552.5	0553.1	2.1	8.0			
	950	GORK	21 GRF	0556.0E	0600.0	61.4D	4.0			
	5200	BERN	46 C	0617.9	0632.3	68.2	35.6			
	8400	BERN	46 C	0618.1	0632.3	69.6	28.9			
	11800	BERN	46 C	0619.9	0632.3	69.1	18.1			
	5900	KISV	47 GB	0623.2	0632.6	30.8	283.0			
	19600	BERN	3 S	0625.5	0632.5	27.4	8.6			
	35000	BERN	3 S	0626.1	0636.0	25.8	13.8			
	2950	GORK	46 C	0626.1	0632.3	30.9	102.0			
	2950	GORK	46 C	0626.1	0633.7		77.0			
	410	SVTO	4 S/F	0627.0E	0632.0	11.0D	210.0			QL=2 ST=2 TYP=5
	3013	IZMI	7 C	0627.0	0632.6	22.0	194.0			
	9300	KISV	47 GB	0627.1	0632.4	12.7	246.0			
	9300	KISV	29 PBI	0627.1	0639.8	29.2	43.0			
	245	SVTO	8 S	0628.0E	0630.0	2.0D	170.0			QL=2 ST=2 TYP=3
	2850	CRIM	45 C	0628.0	0632.4	14.0	138.0	46.0		
	2850	CRIM	45 C	0628.0	0633.8		104.0			
	245	LEAR	8 S	0630.0E	0630.0	2.0D	130.0			QL=4 ST=2 TYP=3
	610	LEAR	49 GB	0630.0E	0630.0	6.0D	750.0			QL=4 ST=2 TYP=6
	2695	LEAR	4 S/F	0630.0E	0632.0	6.0D	130.0			QL=4 ST=2 TYP=3
	2695	SVTO	4 S/F	0630.0E	0632.0	8.0D	150.0			QL=2 ST=2 TYP=3
	15400	LEAR	4 S/F	0630.0E	0632.0	12.0D	150.0			QL=2 ST=2 TYP=3
	8800	LEAR	4 S/F	0630.0E	0632.0	12.0D	250.0			QL=4 ST=2 TYP=3
	4995	LEAR	4 S/F	0630.0E	0632.0	11.0D	280.0			QL=4 ST=2 TYP=3
	15400	SVTO	4 S/F	0630.0E	0632.0	17.0D	140.0			QL=4 ST=2 TYP=3
	4995	SVTO	4 S/F	0630.0E	0632.0	11.0D	280.0			QL=4 ST=2 TYP=3
	8800	SVTO	4 S/F	0630.0E	0632.0	14.0D	200.0			QL=4 ST=2 TYP=3
	9100	GORK	46 C	0630.2	0635.3		94.0			
	9100	GORK	46 C	0630.2	0632.4	11.8	215.0			
	9100	GORK	46 C	0630.2	0633.6		152.0			
	950	GORK	4 S/F	0630.2	0632.7	11.1	320.0			
	650	GORK	4 S/F	0630.3	0633.0	8.3	325.0			
	650	GORK	29 PBI	0630.3	0638.6	12.7	2.0			
	600	HUMN	4 S/F	0630.3	0630.9	16.2	372.0	37.0		
	1415	LEAR	4 S/F	0631.0E	0632.0	4.0D	90.0			QL=4 ST=2 TYP=3
	1415	SVTO	4 S/F	0631.0E	0632.0	4.0D	83.0			QL=4 ST=2 TYP=3
	100	GORK	4 S/F	0631.3	0632.6	1.9	170.0			
	200	GORK	41 F	0631.4	0631.7	1.6	125.0			
	200	GORK	41 F	0631.4	0632.8		140.0			
	33	UPIC	42 SER	0631.5		625.8				
	610	SVTO	49 GB	0632.0E	0632.0	1.0D	910.0			QL=2 ST=2 TYP=6
	200	HIRA	27 RF	0637.4	0653.8	130.0D	40.0	25.0		WL
	204	IZMI	7 C	0638.5	0638.7	0.7	180.0			
	2850	CRIM	29 PBI	0642.0E	0642.0	10.0D	7.0	2.0		
	950	GORK	4 S/F	0650.8	0651.2	1.4	18.0			
	5900	KISV	29 PBI	0654.0E	0654.0	19.0D	10.0			
	200	GORK	42 SER	0722.0	0848.2		7700.0			
	200	GORK	42 SER	0722.0	0844.3	98.0D	1400.0			
	9100	GORK	1 S	0752.0	0753.0	2.0	6.0			
	9100	GORK	21 GRF	0817.1	0852.8	64.6	17.0			
	245	LEAR	8 S	0840.0E	0840.0	1.0D	110.0			QL=4 ST=2 TYP=3
	410	LEAR	49 GB	0840.0E	0840.0	1.0D	560.0			QL=4 ST=2 TYP=6
	245	SVTO	8 S	0840.0E	0840.0	1.0D	140.0			QL=2 ST=2 TYP=3
	410	SVTO	8 S	0840.0E	0840.0	1.0D	280.0			QL=2 ST=2 TYP=3
	204	IZMI	42 SER	0840.0	0848.3	9.0	3400.0			
	950	GORK	21 GRF	0840.0	0840.8	20.0D	2.0			

S O L A R R A D I O E M I S S I O N

Outstanding Occurrences

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Sep 92

SEPTEMBER 1992

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density		Int	Remarks
							Peak (10 -22 W/m 2 Hz)	Mean		
07	3013	IZMI	42 SER	0840.2	0847.0	10.0	4.0			
	100	GORK	41 F	0840.2	0848.2		2400.0			
	100	GORK	41 F	0840.2	0844.4	18.1	3700.0			
	2950	GORK	1 S	0840.4	0840.8	1.0	3.0			
	650	GORK	41 F	0840.5	0844.0		2.0			
	650	GORK	41 F	0840.5	0846.3		36.0			
	650	GORK	41 F	0840.5	0848.4		6.0			
	650	GORK	41 F	0840.5	0840.6	8.3	3.0			
	2840	PEKG	45 C	0841.0	0848.6	15.0	13.5			
	410	LEAR	8 S	0844.0E	0844.0	U	340.0			QL=4 ST=2 TYP=3
	245	LEAR	8 S	0844.0E	0844.0	U	160.0			QL=4 ST=2 TYP=3
	410	SVTO	49 GB	0844.0E	0844.0	U	730.0			QL=2 ST=2 TYP=6
	245	SVTO	8 S	0844.0E	0844.0	U	200.0			QL=2 ST=2 TYP=3
	2950	GORK	46 C	0845.1	0846.5	5.4	10.0			
	2950	GORK	46 C	0845.1	0848.6		11.0			
	808	ONDR	48 C	0845.5	0848.2	6.0	330.0			
	950	GORK	46 C	0845.9	0846.1	4.8	70.0			
	950	GORK	46 C	0845.9	0848.7		70.0			
	245	SVTO	49 GB	0847.0E	0848.0	1.0D	1900.0			QL=2 ST=2 TYP=6
	410	SVTO	49 GB	0847.0E	0848.0	2.0D	1000.0			QL=2 ST=2 TYP=6
	245	LEAR	49 GB	0848.0E	0848.0	U	1600.0			QL=4 ST=2 TYP=6
	9100	GORK	1 S	0848.0	0848.2	0.8	15.0			
	127	TORN	7 C	0920.6	0921.1	662.0	140.0	30.0		
	2850	CRIM	42 SER	0946.1	0946.6	3.0	11.0	4.0		
	2850	CRIM	42 SER	0946.1	0947.7		11.0			
	127	TORN	4 S/F	0946.5	0947.8	2.0	200.0	40.0		
	204	IZMI	42 SER	1023.0	1024.0	3.0	1000.0			
	204	IZMI	41 F	1045.5	1046.5	1.0	420.0			
	204	IZMI	41 F	1116.4	1116.5	1.0	250.0			
	5900	KISV	2 S/F	1129.2	1129.6	0.8	7.0			
	9300	KISV	1 S	1129.3	1129.5	0.9	20.0			
	245	SVTO	8 S	1148.0E	1150.0	2.0D	120.0			QL=2 ST=2 TYP=3
	430	KRAK	3 S	1220.0	1220.3	0.7	32.0			
	11800	BERN	4 S/F	1232.5	1235.8	14.1	3.9			
	5900	KISV	25 R	1233.0	1239.1	27.0	19.0			
	9300	KISV	24 R	1233.0	1235.9	28.4	48.0			
	5200	BERN	4 S/F	1233.1	1235.8	14.7	6.0			
	8400	BERN	3 S	1233.6	1235.8	12.5	5.0			
	19600	BERN	3 S	1234.3	1235.8	4.8	1.0			
	2850	CRIM	7 C	1235.0	1240.0		4.0			
	2850	CRIM	7 C	1235.0	1236.1	6.0	12.0	4.0		
	5900	KISV	4 S/F	1235.5	1235.9	3.2	38.0			
	9500	CUBA	1 S	1235.6	1235.8	2.4	31.0	16.0		
	127	TORN	42 SER	1244.0	1245.7	3.5	480.0	40.0		
	8400	BERN	46 C	1253.2	1310.0	56.9	8.3			
	5200	BERN	46 C	1255.8	1310.0	55.0	10.5			
	11800	BERN	46 C	1256.3	1309.9	55.4	6.2			
	536	ONDR	27 RF	1300.0	1302.5	38.0	132.0			
	2850	CRIM	45 C	1301.0	1310.0		90.0			
	410	SVTO	49 GB	1301.0E	1302.0	6.0D	950.0			QL=4 ST=2 TYP=7
	245	SVTO	8 S	1301.0E	1302.0	1.0D	290.0			QL=4 ST=2 TYP=5
	9500	CUBA	46 C	1301.0U	1310.0	32.0U	62.0			
	2850	CRIM	45 C	1301.0	1305.6	17.0	18.0			
	9500	CUBA	46 C	1301.0U	1324.7		43.0			
	19600	BERN	46 C	1301.1	1309.6	43.6	4.0			
	15400	SVTO	4 S/F	1304.0E	1310.0	8.0D	64.0			QL=4 ST=2 TYP=5
	4995	SVTO	8 S	1305.0E	1305.0	1.0D	43.0			QL=4 ST=2 TYP=5
	8800	SVTO	8 S	1305.0E	1305.0	U	26.0			QL=4 ST=2 TYP=5
	35000	BERN	3 S	1306.3	1310.0	15.3	4.0			
	8800	SGMR	8 S	1309.0E	1310.0	2.0D	54.0			QL=2 ST=2 TYP=3
	4995	SGMR	8 S	1309.0E	1310.0	2.0D	68.0			QL=2 ST=2 TYP=3
	2695	SGMR	8 S	1309.0E	1310.0	2.0D	84.0			QL=2 ST=2 TYP=3
	2695	SVTO	4 S/F	1309.0E	1310.0	3.0D	100.0			QL=2 ST=2 TYP=5
	1415	SVTO	8 S	1309.0E	1310.0	1.0D	27.0			QL=4 ST=2 TYP=5
	808	ONDR	3 S	1309.0	1309.5	5.0	120.0			
	9500	CUBA	29 PBI	1333.0		32.0	13.0	7.0		
	11800	BERN	3 S	1425.6	1430.2	8.8	3.4			
	8400	BERN	3 S	1426.7	1429.9	8.9	3.0			
	19600	BERN	3 S	1426.8	1430.0	11.0	2.2			

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S O L A R R A D I O E M I S S I O N Outstanding Occurrences

SEPTEMBER 1992

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density		Int	Remarks
							Peak (10 -22 W/m 2 Hz)	Mean		
07	9500	CUBA	2 S/F	1429.0	1430.3	1.9	14.0	7.0		
	9500	CUBA	46 C	1924.0E	1933.9	21.0D	136.0			
	2800	PENT	4 S/F	1925.5	1932.6	12.7	44.1	8.0		
	4995	SGMR	4 S/F	1930.0E	1932.0	8.0D	100.0			QL=2 ST=2 TYP=3
	410	PALE	49 GB	1931.0E	1931.0	1.0D	790.0			QL=4 ST=2 TYP=6
	245	PALE	49 GB	1931.0E	1931.0	3.0D	1200.0			QL=4 ST=2 TYP=6
	8800	PALE	4 S/F	1931.0E	1932.0	4.0D	83.0			QL=4 ST=2 TYP=3
	2695	PALE	8 S	1931.0E	1932.0	2.0D	59.0			QL=4 ST=2 TYP=3
	8800	SGMR	4 S/F	1931.0E	1932.0	7.0D	140.0			QL=2 ST=2 TYP=3
	2695	SGMR	4 S/F	1931.0E	1932.0	5.0D	88.0			QL=2 ST=2 TYP=3
	15400	SGMR	4 S/F	1931.0E	1934.0	7.0D	84.0			QL=2 ST=2 TYP=3
	4995	PALE	8 S	1932.0E	1932.0	2.0D	58.0			QL=4 ST=2 TYP=3
	610	PALE	8 S	1932.0E	1932.0	U	22.0			QL=4 ST=2 TYP=3
	1415	SGMR	8 S	1932.0E	1933.0	1.0D	43.0			QL=2 ST=2 TYP=3
	15400	PALE	4 S/F	1932.0E	1933.0	268.0D	68.0			QL=4 ST=1 TYP=3
	2800	PENT	29 PBI	1938.2	1951.0	160.0	17.1	10.0		
	245	PALE	49 GB	1941.0E	1941.0	2.0D	640.0			QL=4 ST=2 TYP=6
	9500	CUBA	30 PBI	1944.5		297.0D	66.0			SUNSET
	410	PALE	4 S/F	1954.0E	1956.0	4.0D	53.0			QL=4 ST=2 TYP=3
	9500	CUBA	1 S	2030.0	2030.4	1.3	28.0	14.0		
	245	PALE	8 S	2058.0E	2058.0	1.0D	370.0			QL=4 ST=2 TYP=3
	2695	SGMR	8 S	2109.0E	2110.0	2.0D	27.0			QL=2 ST=2 TYP=3
	9500	CUBA	1 S	2109.2	2110.5	2.5	53.0	26.0		
	610	PALE	8 S	2110.0E	2110.0	U	230.0			QL=4 ST=2 TYP=3
	4995	SGMR	8 S	2110.0E	2110.0	1.0D	20.0			QL=2 ST=2 TYP=3
	15400	SGMR	8 S	2110.0E	2110.0	U	75.0			QL=2 ST=2 TYP=3
	8800	SGMR	8 S	2110.0E	2110.0	U	39.0			QL=2 ST=2 TYP=3
	2800	PENT	4 S/F	2110.8	2111.6	5.2	17.5	4.0		
	9500	CUBA	1 S	2130.9	2131.2	2.1	42.0	21.0		
	15400	PALE	8 S	2131.0E	2131.0	1.0D	190.0			QL=4 ST=2 TYP=3
	15400	SGMR	8 S	2131.0E	2131.0	U	130.0			QL=2 ST=2 TYP=3
	410	LEAR	8 S	2251.0E	2252.0	1.0D	120.0			QL=4 ST=2 TYP=3
	245	LEAR	8 S	2251.0E	2252.0	1.0D	260.0			QL=4 ST=2 TYP=3
	2800	PENT	4 S/F	2256.7	2302.2	7.5	82.3	12.0		
	2695	LEAR	4 S/F	2258.0E	2301.0	3.0D	86.0			QL=4 ST=2 TYP=3
	8800	LEAR	4 S/F	2258.0E	2300.0	3.0D	170.0			QL=4 ST=2 TYP=3
	4995	LEAR	8 S	2258.0E	2300.0	2.0D	81.0			QL=4 ST=2 TYP=3
	15400	LEAR	4 S/F	2258.0E	2300.0	8.0D	140.0			QL=2 ST=2 TYP=3
	2840	PEKG	46 C	2258.0	2301.0	5.0	150.0			
	410	LEAR	49 GB	2259.0E	2300.0	2.0D	6800.0			QL=4 ST=2 TYP=6
	1415	LEAR	8 S	2300.0E	2301.0	1.0D	43.0			QL=4 ST=2 TYP=3
	245	LEAR	49 GB	2300.0E	2300.0	U	630.0			QL=4 ST=2 TYP=6
08	200	GORK	44 NS	0600.0E		180.0D		20.0		
	127	TORN	43 NS	0818.0		306.0		1.0		V=0
	260	ONDR	44 NS	0825.0E	0824.0	240.0D	378.0			
	260	ONDR	44 NS	0825.0E	0828.5		300.0			
	260	ONDR	44 NS	0825.0E	1206.5		270.0			
	245	SVTO	44 NS	0831.0E	0919.0	64.0D	110.0			QL=4 ST=2 TYP=1
	235	CUBA	44 NS	1313.0E		407.0D		9.0		
	280	CUBA	44 NS	1313.0E		407.0D		10.0		
	410	PALE	8 S	0125.0E	0125.0	U	100.0			QL=4 ST=2 TYP=3
	245	PALE	8 S	0125.0E	0125.0	U	120.0			QL=4 ST=2 TYP=3
	410	LEAR	8 S	0214.0E	0214.0	U	160.0			QL=4 ST=2 TYP=3
	410	PALE	8 S	0214.0E	0214.0	U	190.0			QL=4 ST=2 TYP=3
	245	PALE	8 S	0225.0E	0225.0	1.0D	54.0			QL=4 ST=2 TYP=3
	410	PALE	8 S	0225.0E	0225.0	1.0D	67.0			QL=4 ST=2 TYP=3
	950	GORK	41 F	0411.0	0414.1		4.0			
	950	GORK	41 F	0411.0	0411.7	4.0	6.0			
	650	GORK	41 F	0411.5	0414.0		3.0			
	650	GORK	41 F	0411.5	0411.7	2.9	3.0			
	5900	KISV	2 S/F	0518.4	0518.8	1.9	4.0			
	9100	GORK	20 GRF	0548.1	0548.7	8.7	5.0			
	5900	KISV	20 GRF	0611.7	0621.0	20.6	5.0			
	9100	GORK	20 GRF	0803.0	0854.2	162.0D	28.0			
	5900	KISV	20 GRF	0806.3	0841.1	125.4	21.0			
	2950	GORK	20 GRF	0808.2	0900.0	51.8D	14.0			
	9300	KISV	20 GRF	0809.6	0841.0	122.2	25.0			
	950	GORK	20 GRF	0818.7	0900.8	44.0D	4.0			

S O L A R R A D I O E M I S S I O N

Outstanding Occurrences

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Sep 92

SEPTEMBER 1992

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 ⁻²² W/m ² Hz)	Mean	Int	Remarks
08	204	IZMI	42 SER	0829.0	0831.0	10.5	75.0			
	33	UPIC	42 SER	1027.5		185.5				
	19600	BERN	47 GB	1157.5	1205.8	12.4	64.5			
	11800	BERN	47 GB	1159.4	1205.8	10.4	87.3			
	4995	SGMR	4 S/F	1204.0E	1205.0	4.00	320.0			QL=2 ST=2 TYP=3
	8800	SGMR	49 GB	1204.0E	1205.0	4.00	520.0			QL=2 ST=2 TYP=6
	15400	SGMR	49 GB	1204.0E	1205.0	4.00	650.0			QL=2 ST=2 TYP=6
	15400	SVTO	49 GB	1204.0E	1205.0	4.00	790.0			QL=2 ST=2 TYP=6
	4995	SVTO	4 S/F	1204.0E	1205.0	4.00	350.0			QL=4 ST=2 TYP=3
	8800	SVTO	4 S/F	1204.0E	1205.0	4.00	460.0			QL=4 ST=2 TYP=3
	35000	BERN	47 GB	1204.1	1205.8	5.6	55.5			
	5200	BERN	46 C	1204.2	1205.7	5.6	42.1			
	3100	BERN	46 C	1204.4	1205.8	5.4	23.5			
	810	KRAK	45 C	1204.5	1207.5		14.0			
	810	KRAK	45 C	1204.5	1205.5	14.0	16.0	4.0		
	810	KRAK	45 C	1204.5	1210.7		10.0			
	810	KRAK	45 C	1204.5	1218.7		3.0			
	8400	BERN	47 GB	1204.5	1205.8	5.4	66.8			
	5900	KISV	46 C	1204.7	1206.0	7.7	101.0			
	430	KRAK	7 C	1204.7	1219.0		12.0			
	430	KRAK	7 C	1204.7	1210.0		77.0			
	5900	KISV	46 C	1204.7	1211.1		24.0			
	430	KRAK	7 C	1204.7	1212.5		19.0			
	430	KRAK	7 C	1204.7	1207.5		26.0			
	430	KRAK	42 SER	1204.7	1205.5	17.0	52.0	3.0		
	5900	KISV	46 C	1204.7	1207.7		28.0			
	9300	KISV	47 GB	1204.8	1211.2		175.0			
	536	ONDR	47 GB	1204.8	1211.3	9.5	72.0			
	9300	KISV	47 GB	1204.8	1206.4	8.6	296.00			
	9300	KISV	47 GB	1204.8	1207.7		242.0			
	2850	CRIM	42 SER	1204.8	1211.8		59.0			
	2850	CRIM	42 SER	1204.8	1207.9	6.0	188.0	92.0		
	600	HUMN	2 S/F	1205.0	1206.0	9.0	12.0	5.0		
	1415	SGMR	8 S	1205.0E	1205.0	1.00	40.0			QL=2 ST=2 TYP=3
	2695	SVTO	4 S/F	1205.0E	1205.0	3.00	160.0			QL=2 ST=2 TYP=3
	410	SVTO	4 S/F	1205.0E	1205.0	3.00	77.0			QL=4 ST=2 TYP=3
	1415	SVTO	8 S	1205.0E	1205.0	2.00	39.0			QL=4 ST=2 TYP=3
	245	SVTO	8 S	1205.0E	1206.0	1.00	320.0			QL=4 ST=2 TYP=3
	127	TORN	46 C	1205.0	1206.00	7.0	260.00	60.0		
	808	ONDR	47 GB	1205.0	1206.2	7.0	50.0			
	2695	SGMR	8 S	1210.0E	1211.0	1.00	67.0			QL=2 ST=2 TYP=3
	4995	SGMR	8 S	1210.0E	1211.0	1.00	71.0			QL=2 ST=2 TYP=3
	8800	SGMR	8 S	1210.0E	1211.0	1.00	160.0			QL=2 ST=2 TYP=3
	15400	SGMR	8 S	1210.0E	1211.0	2.00	240.0			QL=2 ST=2 TYP=3
	2695	SVTO	8 S	1210.0E	1211.0	1.00	62.0			QL=2 ST=2 TYP=3
	1415	SVTO	8 S	1210.0E	1211.0	1.00	15.0			QL=4 ST=2 TYP=3
	4995	SVTO	8 S	1210.0E	1211.0	1.00	65.0			QL=4 ST=2 TYP=3
	8800	SVTO	8 S	1210.0E	1211.0	1.00	130.0			QL=4 ST=2 TYP=3
	8400	BERN	46 C	1210.2	1211.0	5.8	20.3			
	11800	BERN	46 C	1210.2	1211.0	5.1	27.1			
	35000	BERN	4 S/F	1210.2	1211.0	4.1	31.9			
	3100	BERN	46 C	1210.2	1211.0	3.9	8.1			
	19600	BERN	46 C	1210.3	1211.0	5.2	25.9			
	5200	BERN	3 S	1210.3	1211.0	3.0	8.4			
	536	ONDR	7 C	1252.3	1252.5	1.8	65.0			
	2800	PENT	20 GRF	1815.3	2019.6	247.0	12.9	6.0		
09	245	LEAR	44 NS	0459.0E	0502.0	93.00	110.0			QL=4 ST=2 TYP=1
	245	SVTO	44 NS	0500.0E	0504.0	66.00	200.0			QL=4 ST=3 TYP=1
	200	HIRA	43 NS	0510.0	0526.0	63.0	80.0	30.0		WL
	200	GORK	44 NS	0600.0E		180.00		20.0		
	260	ONDR	44 NS	0855.0E	0938.2		150.0			
	260	ONDR	44 NS	0855.0E	0901.8	85.00	180.0			
	280	CUBA	44 NS	1303.0E		537.00		20.0		
	235	CUBA	44 NS	1303.0E		537.00		11.0		
	260	ONDR	44 NS	1358.0E	1518.0	82.00	76.0			
	8800	LEAR	4 S/F	0208.0E	0210.0	3.00	62.0			QL=4 ST=2 TYP=3
	2840	PEKG	45 C	0208.0	0212.5	14.0	35.8			
	4995	LEAR	8 S	0210.0E	0210.0	U	38.0			QL=4 ST=2 TYP=3

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Sep 92

S O L A R R A D I O E M I S S I O N Outstanding Occurrences

SEPTEMBER 1992

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 -22 W/m 2 Hz)	Mean	Int	Remarks
09	2695	LEAR	8 S	0210.0E	0210.0	U	22.0			QL=4 ST=2 TYP=3
	245	LEAR	8 S	0235.0E	0235.0	1.00	83.0			QL=4 ST=2 TYP=3
	245	PALE	8 S	0235.0E	0235.0	1.00	84.0			QL=4 ST=3 TYP=3
	200	HIRA	8 S	0235.8	0235.9	0.6	100.0			0
	8800	LEAR	8 S	0238.0E	0238.0	U	54.0			QL=4 ST=2 TYP=3
	15400	LEAR	8 S	0238.0E	0238.0	U	42.0			QL=2 ST=2 TYP=3
	2840	PEKG	1 S	0616.0	0620.0	6.0	6.0			
	430	KRAK	2 S/F	0700.0	0701.0	1.7	9.0	1.0		
	810	KRAK	1 S	0700.5	0700.5	1.5	4.0			
	245	LEAR	4 S/F	0932.0E	0935.0	3.00	67.0			QL=2 ST=2 TYP=3
	536	ONDR	8 S	1048.2	1048.3	0.4	132.0			
	260	ONDR	40 F	1107.0	1319.5	135.0	45.0			
	245	SVTO	8 S	1351.0E	1351.0	1.00	230.0			QL=4 ST=2 TYP=3
	410	SVTO	8 S	1351.0E	1352.0	1.00	140.0			QL=2 ST=2 TYP=3
	9500	CUBA	23 GRF	1757.0	1759.0	45.0	23.0	11.0		
	2800	PENT	3 S	1757.2	1759.8	11.8	24.1	10.0		
	9500	CUBA	2 S/F	2225.0	2227.0	5.8	27.0	13.0		
	2800	PENT	3 S	2225.1	2226.9	7.0	10.8	3.0		
10	245	LEAR	44 NS	0442.0E	0451.0	93.00	68.0			QL=4 ST=2 TYP=1
	200	GORK	44 NS	0600.0E		180.00		5.0		
	280	CUBA	44 NS	1300.0E		460.00		17.0		
	235	CUBA	44 NS	1300.0E		460.00		10.0		
	260	ONDR	44 NS	1358.0E	1401.5	56.00	66.0			
	2840	PEKG	45 C	0200.0	0208.0	12.0	13.1			
	9100	GORK	21 GRF	0606.9	0612.2	48.8	7.0			
	9100	GORK	1 S	0631.2	0631.4	1.1	9.0			
	204	IZMI	41 F	0707.5	0708.0	1.5	73.0			
	950	GORK	1 S	0813.8	0814.1	0.7	4.0			
	650	GORK	1 S	0813.9	0814.2	1.0	4.0			
	245	SVTO	8 S	0835.0E	0835.0	U	110.0			QL=4 ST=2 TYP=3
	245	LEAR	8 S	0841.0E	0841.0	U	71.0			QL=2 ST=2 TYP=3
	245	SVTO	8 S	0841.0E	0841.0	1.00	84.0			QL=4 ST=2 TYP=3
	9300	KISV	45 C	0939.8	0940.2	2.1	33.0			
	5900	KISV	45 C	0939.8	0940.2		16.0			
	5900	KISV	45 C	0939.8	0940.5	3.1	16.0			
	9300	KISV	45 C	0939.8	0940.5		25.0			
	2850	CRIM	29 PBI	1023.0	1027.0		5.8	2.0		
	2850	CRIM	3 S	1023.0	1026.5	4.0	27.6	9.0		
	3013	IZMI	5 S	1025.0	1027.0	6.0	19.0			
	810	KRAK	1 S	1037.3	1037.5	0.3	14.0			
	430	KRAK	1 S	1037.5	1037.5	0.3	15.0			
	260	ONDR	5 S	1523.3	1523.4	1.8	384.0			
	2800	PENT	22 GRF	1802.3	1815.3	44.6	8.4	3.0		
	2800	PENT	3 S	2229.6	2232.6		28.7			
	2840	PEKG	46 C	2241.0	2257.4	25.0	285.9			
	245	LEAR	49 GB	2251.0E	2252.0	5.00	1500.0			QL=4 ST=2 TYP=7
	4995	LEAR	49 GB	2251.0E	2252.0	8.00	590.0			QL=4 ST=2 TYP=7
	8800	LEAR	49 GB	2251.0E	2252.0	9.00	1300.0			QL=4 ST=2 TYP=7
	2695	LEAR	49 GB	2251.0E	2252.0	3.00	250.0			QL=4 ST=2 TYP=7
	15400	LEAR	49 GB	2251.0E	2252.0	9.00	1600.0			QL=4 ST=2 TYP=7
	1415	LEAR	49 GB	2252.0E	2252.0	2.00	130.0			QL=4 ST=2 TYP=7
	610	LEAR	49 GB	2252.0E	2252.0	6.00	99.0			QL=4 ST=2 TYP=7
	410	LEAR	49 GB	2252.0E	2252.0	4.00	130.0			QL=4 ST=2 TYP=7
	2800	PENT	3 S	2255.7	2257.3		41.0			
11	200	HIRA	43 NS	0410.0	0425.0	120.0	60.0	30.0		0
	200	GORK	44 NS	0600.0E		180.00		5.0		
	127	TORN	43 NS	1152.0	1259.2		15.0			V=1
	235	CUBA	44 NS	1258.0E		512.00		11.0		
	280	CUBA	44 NS	1258.0E		512.00		16.0		
	2800	PENT	3 S	0007.7	0009.2	5.3	25.2	7.0		
	200	HIRA	46 C	0008.2	0010.4	4.0	2500.0	400.0		0
	2840	PEKG	4 S/F	0009.0	0010.4	4.0	25.8			
	100	HIRA	46 C	0009.7	0020.8		600.0	170.0		WL
	245	LEAR	49 GB	0012.0E	0012.0	1.00	9100.0			QL=4 ST=2 TYP=6
	245	PALE	49 GB	0012.0E	0012.0	1.00	11000.0			QL=4 ST=2 TYP=6
	245	LEAR	49 GB	0024.0E	0024.0	1.00	600.0			QL=4 ST=2 TYP=6
	245	PALE	49 GB	0024.0E	0024.0	1.00	640.0			QL=4 ST=2 TYP=6

S O L A R R A D I O E M I S S I O N

Outstanding Occurrences

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Sep 92

SEPTEMBER 1992

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density		Int	Remarks
							Peak (10 -22 W/m 2 Hz)	Mean		
11	100	HIRA	27 RF	0033.0	0111.0	80.0	65.0	25.0		WL
	200	HIRA	46 C	0251.2	0251.3	4.0	450.0	70.0		0
	245	LEAR	8 S	0253.0E	0254.0	1.00	120.0			QL=2 ST=2 TYP=3
	245	PALE	4 S/F	0253.0E	0254.0	4.00	130.0			QL=4 ST=2 TYP=3
	8800	LEAR	8 S	0259.0E	0259.0	1.00	110.0			QL=4 ST=2 TYP=3
	15400	LEAR	8 S	0259.0E	0259.0	1.00	82.0			QL=4 ST=2 TYP=3
	15400	PALE	8 S	0259.0E	0259.0	1.00	66.0			QL=4 ST=2 TYP=3
	8800	PALE	8 S	0259.0E	0259.0	1.00	57.0			QL=4 ST=2 TYP=3
	9100	GORK	22 GRF	0403.9	0404.3	13.0	9.0			
	2840	PEKG	3 S	0406.0	0407.8	5.0	19.2			
	2950	GORK	1 S	0406.3	0407.5	2.7	6.0			
	5200	BERN	3 S	0556.0	0604.8	26.7	38.6			
	2950	GORK	4 S/F	0558.3	0605.1	13.9	129.0			
	8400	BERN	47 GB	0600.9	0604.8	18.1	59.6			
	11800	BERN	47 GB	0601.2	0604.8	17.1	69.7			
	200	HIRA	48 C	0601.4	0604.8	8.7	5700.0	300.0		0
	3100	BERN	3 S	0601.6	0604.8	19.4	30.1			
	100	HIRA	46 C	0602.0	0608.0U	6.0	1000.00			
	19600	BERN	47 GB	0602.1	0604.8	8.6	63.5			
	35000	BERN	3 S	0602.8	0604.8	5.0	43.5			
	5900	KISV	47 GB	0602.9	0610.9		275.0			
	9100	GORK	4 S/F	0603.0	0605.0	6.6	350.0			
	3013	IZMI	7 C	0603.0	0605.0	12.0	191.0			
	650	GORK	4 S/F	0603.2	0605.0	20.2	22.0			
	9300	KISV	47 GB	0603.2	0604.8	6.3	299.0			
	950	GORK	4 S/F	0603.5	0605.4	16.5	117.0			
	204	IZMI	45 C	0604.0	0608.0	9.5	2500.0			
	15400	LEAR	4 S/F	0604.0E	0604.0	5.00	430.0			QL=4 ST=2 TYP=3
	2695	LEAR	4 S/F	0604.0E	0605.0	3.00	140.0			QL=4 ST=2 TYP=3
	610	LEAR	4 S/F	0604.0E	0605.0	7.00	72.0			QL=4 ST=2 TYP=3
	8800	LEAR	4 S/F	0604.0E	0604.0	4.00	460.0			QL=4 ST=2 TYP=3
	2695	SVTO	8 S	0604.0E	0605.0	2.00	170.0			QL=2 ST=2 TYP=3
	1415	SVTO	4 S/F	0604.0E	0605.0	3.00	120.0			QL=4 ST=3 TYP=3
	4995	SVTO	8 S	0604.0E	0604.0	1.00	210.0			QL=4 ST=3 TYP=3
	8800	SVTO	8 S	0604.0E	0604.0	1.00	340.0			QL=4 ST=3 TYP=3
	15400	SVTO	8 S	0604.0E	0604.0	1.00	370.0			QL=4 ST=3 TYP=3
	245	SVTO	49 GB	0604.0E	0604.0	9.00	7100.0			QL=4 ST=3 TYP=6
	610	SVTO	4 S/F	0604.0E	0605.0	7.00	70.0			QL=4 ST=3 TYP=3
	410	SVTO	4 S/F	0604.0E	0605.0	4.00	410.0			QL=4 ST=3 TYP=3
	410	LEAR	4 S/F	0604.0E	0605.0	1076.00	160.0			QL=4 ST=1 TYP=3
	4995	LEAR	4 S/F	0604.0E	0604.0	1076.00	230.0			QL=4 ST=1 TYP=3
	600	HUMN	2 S/F	0604.0	0605.3	17.0	34.0	10.0		
	2840	PEKG	46 C	0604.0	0605.8	11.0	180.3			
	200	GORK	41 F	0604.2	0613.0		240.0			
	200	GORK	41 F	0604.2	0607.9	9.2	5100.0			
	100	GORK	41 F	0604.4	0608.3		700.0			
	100	GORK	41 F	0604.4	0605.7	10.0	500.0			
	33	UPIC	46 C	0604.8	0605.0	5.7				
	245	LEAR	8 S	0612.0E	0613.0	1.00	470.0			QL=4 ST=2 TYP=3
	2950	GORK	31 ABS	0612.2	0624.2	32.8	8.0			
	9100	GORK	21 GRF	0646.9	0812.0	176.10	13.0			
	5200	BERN	4 S/F	0752.8	0803.2	44.5	9.5			
	3100	BERN	46 C	0752.9	0803.3	50.4	4.7			
	204	IZMI	42 SER	0754.5	0755.2	18.0	67.0			
	8400	BERN	3 S	0758.9	0803.3	26.5	8.1			
	11800	BERN	3 S	0759.7	0803.5	19.0	5.0			
	3013	IZMI	5 S	0800.0	0803.5	10.0	25.0	13.0		
	2850	CRIM	3 S	0800.6	0804.0	8.0	27.0	9.0		
	2950	GORK	4 S/F	0800.6	0804.0	9.0	22.0			
	5900	KISV	4 S/F	0800.7	0803.5	5.8	58.0			
	5900	KISV	29 PBI	0800.7	0806.5	27.5	9.0			
	9300	KISV	4 S/F	0800.8	0803.5	5.7	60.0			
	9300	KISV	29 PBI	0800.8	0806.5	11.0	11.0			
	19600	BERN	3 S	0801.7	0804.3	8.7	2.8			
	4995	LEAR	4 S/F	0802.0E	0803.0	3.00	58.0			QL=4 ST=2 TYP=3
	8800	LEAR	4 S/F	0802.0E	0803.0	3.00	51.0			QL=4 ST=2 TYP=3
	4995	SVTO	4 S/F	0802.0E	0803.0	3.00	51.0			QL=4 ST=2 TYP=3
	9100	GORK	4 S/F	0802.0	0803.4	5.0	44.0			
	950	GORK	1 S	0802.3	0804.0	4.9	3.0			

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Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 -22 W/m 2 Hz)	Mean	Int	Remarks
11	650	GORK	1 S	0802.4	0804.2	5.4	4.0			
	15400	LEAR	8 S	0803.0E	0803.0	U	23.0			QL=4 ST=2 TYP=3
	2695	LEAR	8 S	0803.0E	0803.0	1.0D	26.0			QL=4 ST=2 TYP=3
	8800	SVTO	8 S	0803.0E	0803.0	1.0D	34.0			QL=4 ST=2 TYP=3
	15400	SVTO	8 S	0803.0E	0804.0	2.0D	36.0			QL=4 ST=2 TYP=3
	2950	GORK	1 S	0821.0	0822.2	3.0	4.0			
	810	KRAK	1 S	0826.0	0826.0	0.3	5.0			
	430	KRAK	3 S	0826.3	0826.5	0.5	20.0			
	260	ONDR	40 F	0834.0	0910.6	202.0	38.0			
	5900	KISV	20 GRF	1011.6	1012.8	23.8	6.0			
	204	IZMI	7 C	1029.5	1030.0	1.0	75.0			
	260	ONDR	48 C	1446.5	1447.0	3.0	430.0			
	245	SVTO	8 S	1447.0E	1447.0	1.0D	430.0			QL=4 ST=2 TYP=3
	33	UPIC	46 C	1447.3	1447.5	1.2				
	410	SGMR	8 S	1915.0E	1915.0	1.0D	50.0			QL=2 ST=2 TYP=3
	2695	SGMR	8 S	1932.0E	1932.0	2.0D	82.0			QL=2 ST=2 TYP=3
	200	HIRA	8 S	2201.6	2201.8	0.3	250.0			WR
	2800	PENT	3 S	2203.1	2204.7	3.3	16.1	2.0		
	245	SGMR	49 GB	2204.0E	2204.0	1.0D	780.0			QL=2 ST=3 TYP=6
12	235	CUBA	44 NS	1301.0E		434.0D		10.0		
	280	CUBA	44 NS	1301.0E		434.0D		18.0		
	2950	GORK	20 GRF	0527.0	0537.6	17.4	6.0			
	5200	BERN	47 GB	0630.3	0635.8	22.3	502.8			
	8400	BERN	3 S	0630.8	0635.4	19.0	5.3			
	11800	BERN	3 S	0631.4	0635.4	19.0	3.8			
	650	GORK	21 GRF	0633.8	0636.1	21.7	2.0			
	5900	KISV	4 S/F	0633.8	0635.7	5.9	31.0			
	5900	KISV	29 PBI	0633.8	0639.7	12.7	7.0			
	9300	KISV	29 PBI	0634.4	0639.4	8.8	7.0			
	9300	KISV	4 S/F	0634.4	0635.6	5.0	39.0			
	9100	GORK	29 PBI	0634.8	0637.0	12.0	15.0			
	9100	GORK	4 S/F	0634.8	0635.6	2.2	30.0			
	2950	GORK	1 S	0635.0	0636.4	4.4	6.0			
	650	GORK	4 S/F	0635.0	0635.4	1.0	33.0			
	950	GORK	21 GRF	0635.2	0636.1	10.2	3.0			
	950	GORK	3 S	0636.4	0636.6	0.3	7.0			
	950	GORK	20 GRF	0736.0	0745.0	55.5	2.0			
	5900	KISV	2 S/F	1126.2	1126.8	3.0	3.0			
	5900	KISV	2 S/F	1205.9	1207.0	2.9	3.0			
	260	ONDR	8 S	1206.0	1206.3	1.6	75.0			
	2800	PENT	3 S	1535.4	1539.1	8.8	44.5	12.0		
	4995	SGMR	4 S/F	1537.0E	1538.0	7.0D	120.0			QL=2 ST=3 TYP=3
	1415	SGMR	4 S/F	1537.0E	1540.0	3.0D	46.0			QL=2 ST=3 TYP=3
	8800	SGMR	4 S/F	1537.0E	1538.0	7.0D	160.0			QL=2 ST=3 TYP=3
	610	SGMR	4 S/F	1537.0E	1538.0	4.0D	230.0			QL=2 ST=3 TYP=3
	610	SVTO	4 S/F	1537.0E	1538.0	3.0D	150.0			QL=4 ST=2 TYP=3
	245	SGMR	4 S/F	1538.0E	1540.0	6.0D	100.0			QL=2 ST=3 TYP=3
	15400	SGMR	4 S/F	1538.0E	1538.0	6.0D	87.0			QL=2 ST=3 TYP=3
	15400	SVTO	8 S	1538.0E	1538.0	2.0D	77.0			QL=4 ST=2 TYP=3
	4995	SVTO	4 S/F	1538.0E	1538.0	3.0D	150.0			QL=4 ST=2 TYP=3
	8800	SVTO	8 S	1538.0E	1538.0	2.0D	160.0			QL=4 ST=2 TYP=3
	2695	SVTO	8 S	1538.0E	1538.0	2.0D	59.0			QL=2 ST=2 TYP=3
	245	SVTO	8 S	1538.0E	1540.0	2.0D	83.0			QL=4 ST=2 TYP=3
	2695	SGMR	4 S/F	1538.0E	1538.0	502.0D	47.0			QL=2 ST=1 TYP=3
	410	SGMR	49 GB	1539.0E	1539.0	1.0D	1200.0			QL=2 ST=2 TYP=6
	410	SVTO	49 GB	1539.0E	1539.0	1.0D	780.0			QL=4 ST=2 TYP=6
	1415	SVTO	8 S	1539.0E	1539.0	1.0D	49.0			QL=4 ST=2 TYP=3
	2800	PENT	29 PBI	1544.2	1551.3	45.0	9.0	2.0		
	2800	PENT	3 S	2203.4	2205.3	8.7	12.6	3.0		
13	200	GORK	44 NS	0600.0E		180.0D		5.0		
	280	CUBA	44 NS	1258.0E		426.0D		13.0		
	235	CUBA	44 NS	1258.0E		426.0D		10.0		
	200	HIRA	42 SER	0254.5	0254.8	5.3	1100.0			0
	2840	PEKG	5 S	0256.0	0301.8	11.0	21.1			
	8800	LEAR	4 S/F	0257.0E	0259.0	4.0D	54.0			QL=4 ST=2 TYP=3
	245	PALE	8 S	0257.0E	0258.0	1.0D	69.0			QL=4 ST=2 TYP=3
	245	LEAR	8 S	0258.0E	0258.0	U	64.0			QL=4 ST=2 TYP=3

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Day	Freq Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density (10 -22 W/m 2 Hz)		Int	Remarks
						Peak	Mean		
13	15400 LEAR	8 S	0258.0E	0259.0	1.0D	27.0			QL=4 ST=2 TYP=3
	430 KRAK	6 S	0656.5	0656.7	0.7	38.0			
	810 KRAK	1 S	0656.7	0657.0	0.3	3.0			
	33 UPIC	4 S/F	0717.1	0717.5	1.4				
	430 KRAK	8 S	0719.3	0719.5	1.0	68.0			
	810 KRAK	1 S	0719.5	0719.7	0.3	7.0			
	2950 GORK	20 GRF	0827.0	1000.0U	93.0D	9.0			
	2850 CRIM	20 GRF	0850.0	0905.0	50.0	5.3	2.0		
	5900 KISV	2 S/F	0932.9	0933.4	4.4	5.0			
	3100 BERN	46 C	0957.0	1025.0	80.6	1.4			
	5200 BERN	3 S	1007.1	1026.1	47.1	3.3			
	260 ONDR	48 C	1008.0	1008.6	2.0	80.0			
	204 IZMI	41 F	1008.4	1009.5	2.0	75.0			
	2850 CRIM	1 S	1008.5	1009.5	6.0	10.0	3.0		
	3013 IZMI	22 GRF	1008.8	1009.2	30.0	6.0			
	245 SVTO	8 S	1009.0E	1009.0	U	75.0			QL=4 ST=2 TYP=3
	430 KRAK	2 S/F	1010.0	1010.5	1.5	18.0	3.0		
	810 KRAK	1 S	1010.5	1010.7	0.3	4.0			
	8400 BERN	3 S	1017.4	1026.1	23.0	3.2			
	11800 BERN	3 S	1021.4	1026.1	11.5	1.4			
	5900 KISV	4 S/F	1021.7	1026.1	10.7	18.0			
	2850 CRIM	20 GRF	1022.0	1025.0	48.0	6.3	2.0		
	11800 BERN	3 S	1022.2	1026.1	17.5	1.3			
	9300 KISV	2 S/F	1024.4	1026.1	3.9	22.0			
	204 IZMI	8 S	1158.8	1159.0	0.5	72.0	68.0		
	3100 BERN	46 C	1237.2	1247.4	27.5	1.9			
	5200 BERN	46 C	1309.9	1312.0	29.1	2.1			
	3100 BERN	46 C	1309.9	1312.0	29.8	1.9			
	245 SGMR	8 S	1332.0E	1332.0	1.0D	120.0			QL=2 ST=2 TYP=3
	245 SVTO	8 S	1332.0E	1332.0	1.0D	120.0			
	260 ONDR	48 C	1332.0	1332.5	1.5	90.0			
	3100 BERN	3 S	1352.5	1403.7	25.4	1.3			
	260 ONDR	48 C	1440.5	1442.3	2.2	150.0			
	245 PALE	8 S	1649.0E	1649.0	1.0D	74.0			QL=4 ST=2 TYP=3
	245 SGMR	8 S	1649.0E	1649.0	1.0D	80.0			
14	200 GORK	44 NS	0600.0E		180.0D		50.0		
	235 CUBA	44 NS	1451.0E		249.0D		10.0		
	280 CUBA	44 NS	1451.0E		249.0D		15.0		
	2840 PEKG	1 S	0731.0	0734.2	6.0	9.2			
	245 LEAR	8 S	0732.0E	0732.0	1.0D	120.0			QL=4 ST=2 TYP=3
	410 LEAR	8 S	0732.0E	0732.0	1.0D	140.0			
	245 SVTO	8 S	0732.0E	0732.0	1.0D	140.0			QL=4 ST=2 TYP=3
	410 SVTO	8 S	0732.0E	0732.0	1.0D	230.0			
	5900 KISV	2 S/F	0732.4	0734.2	7.1	9.0			
	3013 IZMI	5 S	0732.5	0734.2	3.0	7.0	3.0		
	650 GORK	4 S/F	0732.8	0734.2	2.5	11.0			
	9300 KISV	2 S/F	0732.8	0734.3	2.9	8.0			
	9100 GORK	20 GRF	0732.8	0734.3	11.6	8.0			
	950 GORK	2 S/F	0732.9	0734.1	2.2	4.0			
	2950 GORK	1 S	0733.0	0734.3	3.0	6.0			
	204 IZMI	7 C	0747.8	0748.0	0.6	75.0			
	808 ONDR	4 S/F	0902.5	0903.5	1.2	46.0			
	430 KRAK	7 C	0902.7	0903.0	2.7	73.0	7.0		
	430 KRAK	7 C	0902.7	0904.3		8.0			
	536 ONDR	48 C	0902.8	0903.0	2.5	150.0			
	810 KRAK	7 C	0903.0	0904.5		6.0			
	810 KRAK	7 C	0903.0	0903.5	2.3	14.0	5.0		
	950 GORK	4 S/F	0903.2	0903.6	4.0D	30.0			
	5900 KISV	45 C	0903.2	0903.6		3.0			
	5900 KISV	45 C	0903.2	0904.6	5.5	5.0			
	650 GORK	4 S/F	0903.2	0903.7	4.0D	9.0			
	536 ONDR	48 C	0928.5	0928.6	5.5	165.0			
	245 SVTO	8 S	1159.0E	1159.0	U	140.0			QL=4 ST=2 TYP=3
	5900 KISV	2 S/F	1254.2	1255.5	5.4	13.0			
	9300 KISV	1 S	1255.3	1255.6	0.8	9.0			
	245 SGMR	8 S	1446.0E	1446.0	U	180.0			QL=2 ST=3 TYP=3
	245 SVTO	8 S	1446.0E	1446.0	U	200.0			
	260 ONDR	48 C	1446.0	1446.2U	4.2	80.0U			QL=4 ST=2 TYP=3

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Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density		Int	Remarks
							Peak (10 -22 W/m 2 Hz)	Mean		
14	245	SGMR	8 S	1448.0E	1448.0	1.00	82.0			QL=2 ST=3 TYP=3
	245	SVTO	8 S	1448.0E	1448.0	1.00	90.0			QL=4 ST=2 TYP=3
15	235	CUBA	44 NS	1302.0E		508.00		18.0		
	280	CUBA	44 NS	1302.0E		508.00		15.0		
	3013	IZMI	42 SER	0634.0	0637.5	4.0	4.0			
	2950	GORK	7 C	0634.1	0635.1	4.1	4.0			
	2950	GORK	7 C	0634.1	0637.5		6.0			
	5900	KISV	2 S/F	0636.9	0637.4	1.9	12.0			
	9300	KISV	2 S/F	0637.0	0637.4	1.2	9.0			
	9100	GORK	1 S	0637.1	0637.4	1.1	13.0			
	950	GORK	1 S	0637.2	0637.5	0.6	3.0			
	650	GORK	4 S/F	0640.6	0640.8	0.4	6.0			
	2840	PEKG	5 S	0819.0	0827.2		23.5			
	430	KRAK	1 S	0832.5	0833.0	1.0	9.0			
	204	IZMI	42 SER	0838.0	0843.4	13.0	220.0			
	3100	BERN	46 C	0838.9	0847.0	18.3	3.7			
	5200	BERN	46 C	0841.4	0847.1	12.1	2.9			
	950	GORK	21 GRF	0841.9	0845.3	11.5	3.0			
	2850	CRIM	3 S	0842.0	0847.0	7.0	23.4	8.0		
	5900	KISV	46 C	0842.3	0847.0	12.3	16.0			
	5900	KISV	46 C	0842.3	0843.1		10.0			
	2950	GORK	4 S/F	0842.3	0846.6	8.7	25.0			
	260	ONDR	48 C	0842.5	0843.0	5.0	615.0			
	9300	KISV	2 S/F	0842.6	0846.9	10.0	10.0			
	650	GORK	46 C	0842.8	0846.1		9.0			
	650	GORK	46 C	0842.8	0843.3	8.6	3.0			
	650	GORK	46 C	0842.8	0844.9		4.0			
	9100	GORK	20 GRF	0842.9	0846.6	19.0	5.0			
	430	KRAK	41 F	0843.0	0843.1	4.0	5.0	3.0		
	430	KRAK	41 F	0843.0	0846.5		10.0			
	810	KRAK	41 F	0845.0	0846.3	3.0	4.0	2.0		
	536	ONDR	4 S/F	0845.5	0846.5	1.4	54.0			
	950	GORK	1 S	0845.9	0846.2	1.6	4.0			
	2850	CRIM	1 S	0914.8	0915.1	1.3	3.3	1.0		
	430	KRAK	42 SER	1051.0	1105.0		5.0			
	430	KRAK	42 SER	1051.0	1100.0		8.0			
	430	KRAK	42 SER	1051.0	1051.5	13.0	12.0			
	410	PALE	8 S	1811.0E	1811.0	U	180.0			QL=4 ST=2 TYP=3
	245	PALE	8 S	2155.0E	2155.0	U	57.0			QL=4 ST=2 TYP=3
16	200	HIRA	43 NS	0501.0	0747.0	210.00	60.0	30.0		WR
	200	GORK	44 NS	0600.0E		180.00		5.0		
	204	IZMI	43 NS	0600.0		360.0	40.0			
	127	TORN	44 NS	0620.0E		520.00		40.0		V=1
	245	LEAR	44 NS	0659.0E	0700.0	45.00	53.0			QL=4 ST=2 TYP=1
	245	SVTO	44 NS	0810.0E	0930.0	227.00	99.0			QL=4 ST=3 TYP=1
	280	CUBA	44 NS	1744.0E		156.00		25.0		
	235	CUBA	44 NS	1744.0E		156.00		21.0		
	245	PALE	4 S/F	0145.0E	0146.0	4.00	78.0			QL=4 ST=2 TYP=3
	410	PALE	4 S/F	0146.0E	0147.0	3.00	53.0			QL=4 ST=2 TYP=3
	410	PALE	8 S	0158.0E	0158.0	U	82.0			QL=4 ST=2 TYP=3
	245	PALE	8 S	0158.0E	0158.0	U	160.0			QL=4 ST=2 TYP=3
	410	PALE	4 S/F	0209.0E	0212.0	5.00	93.0			QL=4 ST=2 TYP=3
	245	PALE	4 S/F	0209.0E	0212.0	3.00	160.0			QL=4 ST=2 TYP=3
	5900	KISV	20 GRF	0530.0	0545.1	35.1	6.0			
	9300	KISV	20 GRF	0531.6	0543.8	40.0	7.0			
	950	GORK	21 GRF	0616.6	0753.6	163.00	8.0			
	5900	KISV	23 GRF	0625.8	0714.7	95.9	31.0			
	2950	GORK	21 GRF	0627.0	0653.0	93.0	9.0			
	9100	GORK	21 GRF	0627.0	1023.7	273.00	28.0			
	9300	KISV	22 GRF	0629.6	0702.4		20.0			
	9300	KISV	22 GRF	0629.6	0714.7	92.3	21.0			
	650	GORK	21 GRF	0631.8		148.00	6.0			
	600	HUMN	2 S/F	0632.0	0635.0	14.0	27.0	12.0		
	2950	GORK	4 S/F	0632.1	0635.8	10.3	15.0			
	650	GORK	46 C	0632.2	0633.2	14.4	40.0			
	950	GORK	46 C	0632.2	0633.3	14.5	53.0			
	650	GORK	46 C	0632.2	0634.6		43.0			

S O L A R R A D I O E M I S S I O N

Outstanding Occurrences

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Sep 92

SEPTEMBER 1992

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density		Int	Remarks
							Peak (10 -22 W/m 2 Hz)	Mean		
16	950	GORK	46 C	0632.2	0634.9		38.0			
	610	LEAR	4 S/F	0633.0E	0634.0	5.0D	48.0			QL=4 ST=2 TYP=3
	2840	PEKG	5 S	0633.0	0636.2	9.0	18.4			
	410	SVTO	8 S	0635.0E	0636.0	2.0D	190.0			QL=4 ST=2 TYP=3
	2695	LEAR	8 S	0636.0E	0637.0	2.0D	58.0			QL=4 ST=2 TYP=3
	1415	LEAR	4 S/F	0636.0E	0637.0	4.0D	37.0			QL=4 ST=2 TYP=3
	1415	SVTO	8 S	0636.0E	0637.0	1.0D	34.0			QL=4 ST=2 TYP=3
	245	SVTO	8 S	0636.0E	0636.0	1.0D	390.0			QL=4 ST=2 TYP=3
	610	SVTO	8 S	0637.0E	0637.0	U	180.0			QL=2 ST=2 TYP=3
	2840	PEKG	1 S	0646.0	0649.6	8.0	5.6			
	2950	GORK	1 S	0648.0	0649.7	4.2	5.0			
	5900	KISV	2 S/F	0648.0	0649.7	3.8	6.0			
	245	LEAR	8 S	0651.0E	0651.0	U	80.0			QL=2 ST=2 TYP=3
	245	SVTO	8 S	0651.0E	0651.0	1.0D	90.0			QL=4 ST=2 TYP=3
	245	LEAR	8 S	0656.0E	0656.0	U	110.0			QL=2 ST=2 TYP=3
	245	SVTO	8 S	0656.0E	0656.0	U	110.0			QL=4 ST=2 TYP=3
	2840	PEKG	1 S	0658.0	0702.2	7.0	6.8			
	5900	KISV	2 S/F	0701.4	0702.5	4.6	13.0			
	2950	GORK	1 S	0701.9	0702.5	1.7	6.0			
	650	GORK	2 S/F	0702.1	0702.6	0.5	4.0			
	9100	GORK	1 S	0702.3	0702.5	0.6	3.0			
	2840	PEKG	5 S	0712.0	0714.6	7.0	22.1			
	430	KRAK	1 S	0712.5	0712.5	0.3	27.0			
	2950	GORK	2 S/F	0713.2	0714.7	3.2	15.0			
	9100	GORK	1 S	0714.3	0714.6	1.3	5.0			
	810	KRAK	1 S	0714.5	0714.5	0.1	3.0			
	245	LEAR	8 S	0808.0E	0809.0	1.0D	66.0			QL=2 ST=2 TYP=3
	245	LEAR	8 S	0811.0E	0811.0	1.0D	110.0			QL=2 ST=2 TYP=3
	245	SVTO	8 S	0811.0E	0811.0	U	110.0			QL=4 ST=2 TYP=3
	260	ONDR	27 RF	0820.0	0938.5	90.0	100.0			
	100	GORK	40 F	0821.0	0852.0	39.0D	300.0			
	200	GORK	46 C	0828.8	0849.0		300.0			
	200	GORK	46 C	0828.8	0834.5	28.2	90.0			
	2950	GORK	22 GRF	0836.0	0900.0	24.0D	7.0			
	9300	KISV	22 GRF	0849.4	0852.6	22.3	11.0			
	5900	KISV	22 GRF	0849.6	0852.6	19.5	8.0			
	9100	GORK	1 S	0852.2	0852.6	0.9	4.0			
	33	UPIC	4 S/F	0937.5	0937.7	0.8				
	260	ONDR	42 SER	1003.0	1019.0	20.0	190.0			
	260	ONDR	42 SER	1003.0	1021.6		175.0			
	5900	KISV	46 C	1010.3	1018.3		20.0			
	5900	KISV	46 C	1010.3	1021.4		24.0			
	5900	KISV	29 PBI	1010.3	1022.5	29.1	8.0			
	5900	KISV	46 C	1010.3	1020.8		22.0			
	11800	BERN	46 C	1012.5	1021.4	39.2	2.6			
	8400	BERN	46 C	1013.6	1020.8	36.4	4.4			
	5200	BERN	4 S/F	1014.2	1018.4	39.6	2.6			
	19600	BERN	3 S	1015.7	1021.5	19.3	1.6			
	9300	KISV	46 C	1016.4	1018.3		27.0			
	9300	KISV	46 C	1016.4	1021.4	7.5	46.0			
	9300	KISV	46 C	1016.4	1020.7		43.0			
	9300	KISV	29 PBI	1016.4	1023.9	32.8	12.0			
	3013	IZMI	40 F	1017.0	1018.2	8.5	4.0			
	9100	GORK	46 C	1017.2	1018.4	6.5	16.0			
	9100	GORK	46 C	1017.2	1021.5		22.0			
	9100	GORK	46 C	1017.2	1020.8		25.0			
	808	ONDR	8 S	1017.6	1018.2	1.6	84.0			
	536	ONDR	48 C	1017.9	1018.5	3.0	185.0			
	410	SVTO	49 GB	1018.0E	1018.0	U	950.0			QL=4 ST=2 TYP=6
	610	SVTO	8 S	1018.0E	1018.0	U	290.0			QL=2 ST=2 TYP=3
	4995	SVTO	8 S	1018.0E	1018.0	U	26.0			QL=4 ST=2 TYP=3
	245	SVTO	8 S	1018.0E	1018.0	U	210.0			QL=2 ST=2 TYP=3
	950	GORK	2 S/F	1018.1	1018.4	4.3	33.0			
	650	GORK	4 S/F	1018.2	1018.3	1.4	60.0			
	430	KRAK	41 F	1018.5	1019.0	3.5	150.0D			
	810	KRAK	41 F	1018.5	1021.0		3.0			
	810	KRAK	41 F	1018.5	1019.0	3.0	44.0		3.0	
	430	KRAK	41 F	1018.5	1021.0		4.0			
	8400	BERN	3 S	1159.9	1205.5	11.3	3.4			

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SOLAR RADIO EMISSION Outstanding Occurrences

SEPTEMBER 1992

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 -22 W/m 2 Hz)	Mean	Int	Remarks
16	11800	BERN	3 S	1201.2	1205.6	8.7	1.4			
	5200	BERN	4 S/F	1202.8	1205.5	12.4	3.8			
	9300	KISV	2 S/F	1203.7	1205.1	4.7	20.0			
	5900	KISV	4 S/F	1203.7	1205.7	6.7	24.0			
	610	SGMR	4 S/F	1204.0E	1205.0	3.00	59.0			QL=2 ST=2 TYP=3
	536	ONDR	2 S/F	1204.7	1205.5	2.8	280.0			
	2695	SGMR	8 S	1205.0E	1205.0	1.00	40.0			QL=2 ST=2 TYP=3
	4995	SGMR	8 S	1205.0E	1205.0	U	28.0			QL=2 ST=2 TYP=3
	8800	SGMR	20 GRF	1450.0E	1454.0	550.00	27.0			QL=2 ST=3 TYP=2
	15400	SGMR	20 GRF	1452.0E	1456.0	548.00	27.0			QL=2 ST=3 TYP=2
	2840	PEKG	1 S	2348.0	2349.8	6.0	5.0			
17	200	GORK	44 NS	0600.0E		180.00		20.0		
	127	TORN	44 NS	0620.0E		520.00		3.0		V=1
	280	CUBA	44 NS	1300.0E		540.00		20.0		
	235	CUBA	44 NS	1300.0E		540.00		14.0		
	2840	PEKG	1 S	0021.0	0022.8	5.0	3.7			
	600	HUMN	47 GB	0500.0E	0532.0	73.00	480.0			
	600	HUMN	27 RF	0618.0	0624.5	47.0	25.0	5.0		
	600	HUMN	27 RF	0715.0	0749.0	75.0	13.0	5.0		
	5900	KISV	21 GRF	0726.2	0739.5	45.5	9.0			
	9100	GORK	20 GRF	0726.6	0739.5	52.9	10.0			
	3013	IZMI	22 GRF	0727.0	0728.0	25.0	5.0			
	5900	KISV	2 S/F	0727.2	0727.7	4.5	13.0			
	9300	KISV	20 GRF	0727.3	0739.5	37.5	11.0			
	9100	GORK	20 GRF	0836.5	0850.2	77.0	10.0			
	430	KRAK	42 SER	0851.0	0901.0		14.0			
	430	KRAK	42 SER	0851.0	0855.0	20.0	4.0			
	810	KRAK	1 S	0858.3	0858.3	0.3	2.0			
	260	ONDR	40 F	0900.0	0957.0		64.0			
	260	ONDR	40 F	0900.0	0939.5	310.0	68.0			
	600	HUMN	27 RF	0922.5	0934.3	28.0	7.0	4.0		
	204	IZMI	42 SER	0955.0	1004.5	35.0	110.0			
	3013	IZMI	20 GRF	1117.0	1118.2	18.0	4.0			
	9300	KISV	23 GRF	1117.1	1118.8	15.4	10.0			
	5900	KISV	23 GRF	1117.5	1119.5	5.0	7.0			
	5900	KISV	3 S	1118.1	1118.3	0.5	19.0			
	9300	KISV	1 S	1118.1	1118.3	0.6	19.0			
	2800	PENT	20 GRF	2042.6	2046.7	42.5	6.3	3.0		
18	200	GORK	44 NS	0600.0E		180.00		20.0		
	204	IZMI	43 NS	0600.0		360.0	10.0			
	127	TORN	44 NS	0620.0E		520.00		1.0		V=0
	260	ONDR	44 NS	1112.0E	1118.3	40.00	98.0			
	280	CUBA	44 NS	1257.0E		543.00		20.0		
	235	CUBA	44 NS	1257.0E		543.00		13.0		
	430	KRAK	42 SER	0651.0	0754.0		130.00			
	430	KRAK	42 SER	0651.0	0715.0		10.0			
	430	KRAK	42 SER	0651.0	0746.5		130.00			
	430	KRAK	42 SER	0651.0	0719.5		12.0			
	430	KRAK	42 SER	0651.0	0749.5		130.00			
	430	KRAK	42 SER	0651.0	0710.5	65.0	10.0			
	9100	GORK	20 GRF	0810.6	0811.4	27.4	3.0			
	204	IZMI	42 SER	1019.0	1028.2	19.0	180.0			
	260	ONDR	42 SER	1019.0	1019.4	18.0	90.0			
	260	ONDR	42 SER	1019.0	1027.6		140.0			
	33	UPIC	42 SER	1019.7	1029.6	17.6				
	204	IZMI	4 S/F	1133.0	1134.0	1.5	92.0			
	260	ONDR	8 S	1254.0	1254.5	1.8	41.0			
	245	SVTO	8 S	1452.0E	1453.0	1.00	89.0			QL=4 ST=2 TYP=3
19	100	GORK	44 NS	0600.0E		180.00		5.0		
	200	GORK	44 NS	0600.0E		180.00		5.0		
	127	TORN	44 NS	0620.0E		380.00		1.0		V=1
	235	CUBA	44 NS	1300.0E		540.00		11.0		
	280	CUBA	44 NS	1300.0E		540.00		17.0		
	650	GORK	20 GRF	0718.9	0720.1	8.2	1.0			
	950	GORK	20 GRF	0718.9	0720.1	10.4	2.0			
	245	LEAR	49 GB	0721.0E	0721.0	2.00	520.0			QL=2 ST=2 TYP=6

S O L A R R A D I O E M I S S I O N

Outstanding Occurrences

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SEPTEMBER 1992

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 ⁻²² W/m ² Hz)	Mean	Int	Remarks
19	245	SVTO	49 GB	0721.0E	0721.0	2.00	650.0			QL=4 ST=2 TYP=6
	100	GORK	4 S/F	0721.4	0723.3	5.6	170.0			
	204	IZMI	45 C	0722.0	0723.5	3.0	360.0			
	200	GORK	4 S/F	0723.0	0724.5	4.4	300.0			
	204	IZMI	41 F	0842.0	0843.5	10.0	100.0			QL=2 ST=2 TYP=3 QL=4 ST=2 TYP=3
	260	ONDR	48 C	1107.3	1108.1	2.0	70.0			
	245	SGMR	8 S	1108.0E	1108.0	1.00	48.0			
	245	SVTO	4 S/F	1108.0E	1108.0	3.00	100.0			
20	260	ONDR	48 C	1154.5	1155.4	1.5	100.0			
	200	GORK	44 NS	0600.0E		180.00		5.0		
	280	CUBA	44 NS	1312.0E		528.00		15.0		
	260	ONDR	8 S	1007.0	1007.2	1.8	28.0			QL=2 ST=2 TYP=3
	245	SGMR	8 S	1955.0E	1956.0	2.00	50.0			
21	200	GORK	44 NS	0600.0E		180.00		5.0		V=1
	127	TORN	44 NS	0620.0E		520.00		1.0		
	235	CUBA	44 NS	1300.0E		540.00		14.0		
	280	CUBA	44 NS	1300.0E		540.00		17.0		
	260	ONDR	27 RF	0904.0	0927.0	53.0	42.0			
22	280	CUBA	44 NS	1255.0E		552.00		19.0		WL
	235	CUBA	44 NS	1255.0E		552.00		15.0		
	204	IZMI	42 SER	0644.5	0648.4	11.0	26.0			
	650	GORK	1 S	0734.5	0734.6	0.5	1.5			
	950	GORK	1 S	0734.6	0734.8	0.6	1.0			
	810	KRAK	1 S	0747.0	0747.1	0.3	2.0			
	430	KRAK	1 S	0747.0	0747.5	1.0	8.0			
	260	ONDR	8 S	0920.5	0921.1	1.6	45.0			
	430	KRAK	8 S	1046.7	1047.5	1.0	56.0			
	260	ONDR	40 F	1208.0	1314.4		135.0			
	260	ONDR	40 F	1208.0	1238.5	172.0	63.0			
	200	HIRA	46 C	2323.3	2324.7	2.7	105.0	30.0		
23	200	GORK	44 NS	0600.0E		180.00		5.0		V=1
	127	TORN	43 NS	0910.0		226.0		1.0		
	280	CUBA	44 NS	1300.0E		480.00		18.0		
	235	CUBA	44 NS	1300.0E		480.00		13.0		
24	200	GORK	44 NS	0600.0E		180.00		5.0		V=1 QL=4 ST=2 TYP=1
	204	IZMI	43 NS	0600.0		180.0	10.0			
	127	TORN	43 NS	0954.0		190.0		1.0		
	245	SVTO	44 NS	1547.0E	0000.00	35.00	1.0			
	235	CUBA	44 NS	1728.0E		279.00		12.0		
	280	CUBA	44 NS	1728.0E		279.00		16.0		
	245	PALE	44 NS	1736.0E	1755.0	114.00	300.0			
	245	SGMR	44 NS	1736.0E	1755.0	116.00	330.0			
	245	SGMR	4 S/F	1451.0E	1451.0	3.00	38.0			
	245	SVTO	8 S	1451.0E	1451.0	1.00	47.0			
	245	SVTO	8 S	1454.0E	1454.0	U	43.0			
	245	SGMR	8 S	1556.0E	1556.0	U	99.0			
	245	SVTO	8 S	1556.0E	1556.0	U	120.0			
	245	SGMR	8 S	1748.0E	1748.0	U	96.0			
25	200	GORK	44 NS	0600.0E		180.00		5.0		QL=4 ST=2 TYP=3 QL=4 ST=2 TYP=3
	235	CUBA	44 NS	1402.0E		401.00		13.0		
	280	CUBA	44 NS	1402.0E		401.00		16.0		
	245	LEAR	8 S	0336.0E	0338.0	2.00	72.0			
	245	LEAR	8 S	0340.0E	0340.0	U	62.0			
	204	IZMI	41 F	0600.3	0600.5	3.0	75.0			
	204	IZMI	42 SER	0648.5		3.0	129.0			
	430	KRAK	8 S	0737.5	0737.5	0.3	17.0			
	810	KRAK	2 S/F	0745.0	0745.5	0.7	11.0			
	430	KRAK	41 F	0745.1	0745.3	1.0	2.0			
	430	KRAK	41 F	0745.1	0745.7		5.0			
	810	KRAK	1 S	0823.0	0823.0	0.1	8.0			
	430	KRAK	3 S	0841.0	0841.3	1.3	27.0			
	3013	IZMI	1 S	1000.0	1000.5	2.0	3.0	2.0		
	2850	CRIM	1 S	1010.0	1010.6	1.4	2.6	1.0		

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S O L A R R A D I O E M I S S I O N

Outstanding Occurrences

SEPTEMBER 1992

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 -22 W/m 2 Hz)	Mean	Int	Remarks
25	430	KRAK	27 RF	1012.5	1013.0	2.0	53.0	20.0		
	810	KRAK	8 S	1031.3	1031.5	0.7	18.0			
26	245	LEAR	44 NS	0138.0E	0202.0	429.0D	170.0			QL=4 ST=2 TYP=1
	245	SVTO	44 NS	0549.0E	0549.0	178.0D	110.0			QL=4 ST=2 TYP=1
	200	GORK	44 NS	0600.0E		180.0D		5.0		
	204	IZMI	43 NS	0600.0		360.0	10.0			
	430	KRAK	43 NS	0656.5	0837.0		44.0			
	430	KRAK	43 NS	0656.5	0833.0		130.0D			
	430	KRAK	43 NS	0656.5	0850.0		130.0D			
	430	KRAK	43 NS	0656.5	0754.0		15.0			
	430	KRAK	43 NS	0656.5	0823.0		18.0			
	430	KRAK	43 NS	0656.5	0843.5		43.0			
	430	KRAK	43 NS	0656.5	0828.5		65.0			
	430	KRAK	43 NS	0656.5	0841.7		49.0			
	430	KRAK	43 NS	0656.5	0847.7		98.0			
	260	ONDR	44 NS	0830.0E		390.0D				
	245	SVTO	44 NS	1148.0E	1403.0	271.0D	190.0			QL=4 ST=2 TYP=1
	245	SGMR	44 NS	1242.0E	1403.0	311.0D	160.0			QL=4 ST=2 TYP=1
	280	CUBA	44 NS	1317.0E		523.0D		19.0		
	235	CUBA	44 NS	1317.0E		523.0D		25.0		
	245	PALE	44 NS	1706.0E	1755.0	527.0D	94.0			QL=4 ST=2 TYP=1
	200	HIRA	44 NS	2040.0E	2310.0	210.0D	40.0	25.0		ML
	245	PALE	8 S	0244.0E	0244.0	1.0D	80.0			QL=4 ST=2 TYP=3
	430	KRAK	42 SER	0656.5	0739.0	115.0	15.0			
	810	KRAK	1 S	0738.7	0739.0	0.5	3.0			
	204	IZMI	41 F	0847.3	0849.0		260.0			
	204	IZMI	42 SER	0953.0	0953.5	1.0	74.0			
	245	SGMR	8 S	1147.0E	1147.0	U	120.0			QL=4 ST=2 TYP=3
	245	SVTO	8 S	1147.0E	1147.0	U	120.0			QL=2 ST=2 TYP=3
27	200	GORK	44 NS	0600.0E		180.0D		5.0		
	204	IZMI	43 NS	0600.0		360.0	10.0			
	260	ONDR	44 NS	0830.0E	1123.5	390.0D	110.0			
	245	SVTO	44 NS	1327.0E	1327.0	29.0D	61.0			QL=4 ST=3 TYP=1
	235	CUBA	44 NS	1330.0E		510.0D		16.0		
	280	CUBA	44 NS	1330.0E		510.0D		18.0		
	200	HIRA	44 NS	2045.0E	0147.0	660.0D	60.0	15.0		ML
	245	LEAR	44 NS	2315.0E	2322.0	8.0D	79.0			QL=4 ST=2 TYP=1
	810	KRAK	8 S	1053.7	1054.3	0.7	64.0			
	430	KRAK	2 S/F	1053.7	1054.3	1.3	30.0			
	810	KRAK	8 S	1132.5	1132.5	0.1	120.0			
	430	KRAK	1 S	1144.7	1145.0	0.5	10.0			
	536	ONDR	8 S	1241.7	1241.8	0.5	50.0			
	430	KRAK	42 SER	1313.0	1334.0		102.0			
	430	KRAK	42 SER	1313.0	1319.0	22.0	14.0			
	430	KRAK	42 SER	1313.0	1328.5		22.0			
	810	KRAK	1 S	1334.0	1334.1	0.3	4.0			
	9500	CUBA	1 S	2027.4	2028.8	2.7	18.0	9.0		
	245	PALE	8 S	2028.0E	2028.0	1.0D	280.0			QL=4 ST=2 TYP=3
	245	SGMR	8 S	2028.0E	2028.0	1.0D	280.0			QL=4 ST=2 TYP=3
	245	SGMR	8 S	2042.0E	2042.0	U	55.0			QL=4 ST=2 TYP=3
	245	PALE	8 S	2130.0E	2130.0	1.0D	150.0			QL=4 ST=2 TYP=3
	245	SGMR	8 S	2130.0E	2130.0	1.0D	150.0			QL=4 ST=2 TYP=3
	245	LEAR	8 S	2237.0E	2237.0	U	65.0			QL=2 ST=2 TYP=3
28	200	GORK	44 NS	0600.0E		180.0D		5.0		
	204	IZMI	43 NS	0600.0		360.0	15.0			
	260	ONDR	44 NS	0830.0E	0841.0	390.0D	160.0			
	260	ONDR	44 NS	0830.0E	0842.8		130.0			
	127	TORN	44 NS	1230.0E		150.0D		3.0		V=1
	235	CUBA	44 NS	1300.0E		540.0D		16.0		
	280	CUBA	44 NS	1300.0E		540.0D		16.0		
	430	KRAK	43 NS	1304.0	1328.0	55.0D	12.0			
	430	KRAK	43 NS	1304.0	1345.0U		24.0			
	2850	CRIM	4 S/F	0601.6	0602.3		21.0			
	2850	CRIM	4 S/F	0601.6	0601.9	2.8	21.0	7.0		
	2950	GORK	2 S/F	0605.5	0606.4	2.9		16.0		
	204	IZMI	41 F	0610.0	0613.0	6.5	115.0			

S O L A R R A D I O E M I S S I O N

Outstanding Occurrences

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Sep 92

SEPTEMBER 1992

Day	Freq Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 -22 W/m 2 Hz)	Mean	Int	Remarks
28	2840 PEKG	46 C	0610.0	0612.5	4.0	23.9			
	9300 KISV	21 GRF	0610.7	0612.4	11.2	7.0			
	5900 KISV	2 S/F	0611.5	0612.4	8.1	8.0			
	245 LEAR	8 S	0612.0E	0612.0	U	96.0			QL=2 ST=2 TYP=3
	245 SVTO	8 S	0612.0E	0612.0	U	110.0			QL=2 ST=2 TYP=3
	33 UPIC	48 C	0612.1	0612.6	2.0				
	3013 IZMI	7 C	0616.2	0617.4	4.5	12.0			
	204 IZMI	41 F	0635.0	0642.0	8.0	74.0			
	245 SVTO	4 S/F	0641.0E	0641.0	3.00	54.0			QL=2 ST=2 TYP=3
	204 IZMI	7 C	0703.0	0703.2	0.5	122.0			
	430 KRAK	1 S	0830.0	0830.0	0.3	6.0			
	810 KRAK	1 S	0832.3	0832.5	1.0	8.0			
	3013 IZMI	5 S	0832.5	0833.5	2.8	4.0	2.0		
	2950 GORK	1 S	0832.7	0833.7	2.3		4.0		
	245 LEAR	8 S	0840.0E	0841.0	2.00	70.0			QL=2 ST=2 TYP=3
	245 SVTO	8 S	0840.0E	0841.0	1.00	84.0			QL=2 ST=2 TYP=3
	33 UPIC	8 S	0840.6	0840.7	0.2				
	430 KRAK	1 S	1055.0	1055.3	0.5	20.0			
	33 UPIC	45 C	1141.1	1141.8	0.9				
	245 PALE	4 S/F	1745.0E	1746.0	5.00	62.0			QL=4 ST=2 TYP=3
	245 SGMR	8 S	1746.0E	1746.0	U	120.0			QL=2 ST=2 TYP=3
29	204 IZMI	43 NS	0600.0		360.0	10.0			
	127 TORN	43 NS	0820.0	1117.4	480.0	80.0	1.0		V=1
	430 KRAK	43 NS	1156.0	1325.0		16.0			
	430 KRAK	43 NS	1156.0	1330.5		16.0			
	430 KRAK	43 NS	1156.0	1303.5	95.00	20.0			
	430 KRAK	43 NS	1156.0	1348.7		15.0			
	410 PALE	44 NS	1814.0E	1836.0	126.00	220.0			QL=4 ST=2 TYP=1
	245 PALE	44 NS	1819.0E	1917.0	586.00	2100.0			QL=4 ST=2 TYP=1
	410 SGMR	44 NS	1836.0E	1836.0	24.00	95.0			QL=2 ST=2 TYP=1
	100 HIRA	44 NS	2045.0E	2217.0	660.00	200.0	15.0		ML
	200 HIRA	44 NS	2045.0E	2235.0	660.00	600.0	50.0		SL
	245 LEAR	44 NS	2222.0E	2249.0	271.00	270.0			QL=4 ST=2 TYP=1
	245 LEAR	8 S	0152.0E	0153.0	1.00	72.0			QL=4 ST=2 TYP=3
	204 IZMI	8 S	0655.2	0655.3	0.2	1300.0	1000.0		
	260 ONDR	40 F	0740.0	1230.5	380.0	290.0			
	204 IZMI	42 SER	0818.2	0818.3	11.5	350.0			
	245 SGMR	8 S	1329.0E	1330.0	1.00	220.0			QL=2 ST=2 TYP=3
	245 SVTO	8 S	1329.0E	1330.0	1.00	190.0			QL=2 ST=2 TYP=3
	245 SGMR	8 S	1519.0E	1519.0	U	78.0			QL=2 ST=2 TYP=3
	245 SVTO	8 S	1519.0E	1519.0	U	110.0			QL=2 ST=2 TYP=3
	245 PALE	8 S	1648.0E	1648.0	1.00	67.0			QL=4 ST=2 TYP=3
	410 SGMR	8 S	1814.0E	1814.0	1.00	50.0			QL=2 ST=2 TYP=3
	245 PALE	49 GB	1910.0E	1910.0	U	2000.0			QL=2 ST=2 TYP=6
	245 SGMR	49 GB	1910.0E	1910.0	U	1900.0			QL=2 ST=2 TYP=6
30	245 LEAR	44 NS	0348.0E	0431.0	342.00	180.0			QL=4 ST=2 TYP=1
	245 SVTO	44 NS	0530.0E	0552.0	118.00	210.0			QL=4 ST=2 TYP=1
	204 IZMI	43 NS	0600.0		360.0	100.0			
	127 TORN	44 NS	0620.0E		520.00		30.0		V=2
	245 SVTO	44 NS	1040.0E	1326.0	332.00	630.0			QL=4 ST=2 TYP=1
	245 SGMR	44 NS	1100.0E	1326.0	614.00	710.0			QL=2 ST=2 TYP=1
	235 CUBA	44 NS	1309.0E		531.00		30.0		
	280 CUBA	44 NS	1309.0E		531.00		54.0		
	245 PALE	44 NS	1640.0E	1815.0	440.00	510.0			QL=4 ST=1 TYP=1
	245 PALE	44 NS	1940.0E	1951.0	260.00	130.0			QL=4 ST=1 TYP=1
	200 HIRA	44 NS	2045.0E	2127.0	660.00	200.0	25.0		SL
	245 LEAR	44 NS	2224.0E	2302.0	71.00	260.0			QL=4 ST=2 TYP=1
	5900 KISV	1 S	0448.0	0448.3	1.0	8.0			
	950 GORK	1 S	0450.1	0450.4	1.1	1.0			
	650 GORK	1 S	0450.1	0450.5	1.5	4.5			
	410 LEAR	8 S	0615.0E	0615.0	1.00	40.0			QL=4 ST=2 TYP=3
	245 LEAR	49 GB	0615.0E	0616.0	3.00	620.0			QL=2 ST=2 TYP=6
	245 SVTO	49 GB	0616.0E	0616.0	1.00	600.0			QL=2 ST=2 TYP=6
	260 ONDR	48 C	0933.3	0933.5	2.5	110.0			
	5900 KISV	2 S/F	0951.6	0952.1	2.6	4.0			
	260 ONDR	47 GB	1038.0	1043.6	7.0	190.0			
	245 SGMR	8 S	1125.0E	1125.0	1.00	170.0			QL=2 ST=2 TYP=3

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Sep 92

S O L A R R A D I O E M I S S I O N Outstanding Occurrences

SEPTEMBER 1992

Day	Freq Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density		Int	Remarks
						Peak (10 -22 W/m 2 Hz)	Mean		
30	260 ONDR	47 GB	1343.0	1346.5	90.0	215.0			
	536 ONDR	2 S/F	1447.4	1447.5	1.0	52.0			
	245 SGMR	4 S/F	2151.0E	2155.0	5.0D	60.0			QL=2 ST=3 TYP=3

Reports are received routinely from the following observatories:

BERN = Berne	HUMN = Humain	ONDR = Ondrejov	SVTO = San Vito
CRIM = Crimea	IZMI = IZMIRAN	PEKG = Peking	TORN = Torun
CUBA = Havana	KISV = Kislovodsk	PALE = Palehua	TRST = Trieste
GORK = Gorky	KRAK = Krakow	PENT = Penticton	TYKW = Toyokawa
HIRA = Hiraio	LEAR = Learmonth	POTS = Potsdam	UPIC = Upice
HUAN = Huancayo	NOBE = Nobeyama	SGMR = Sagamore Hill	

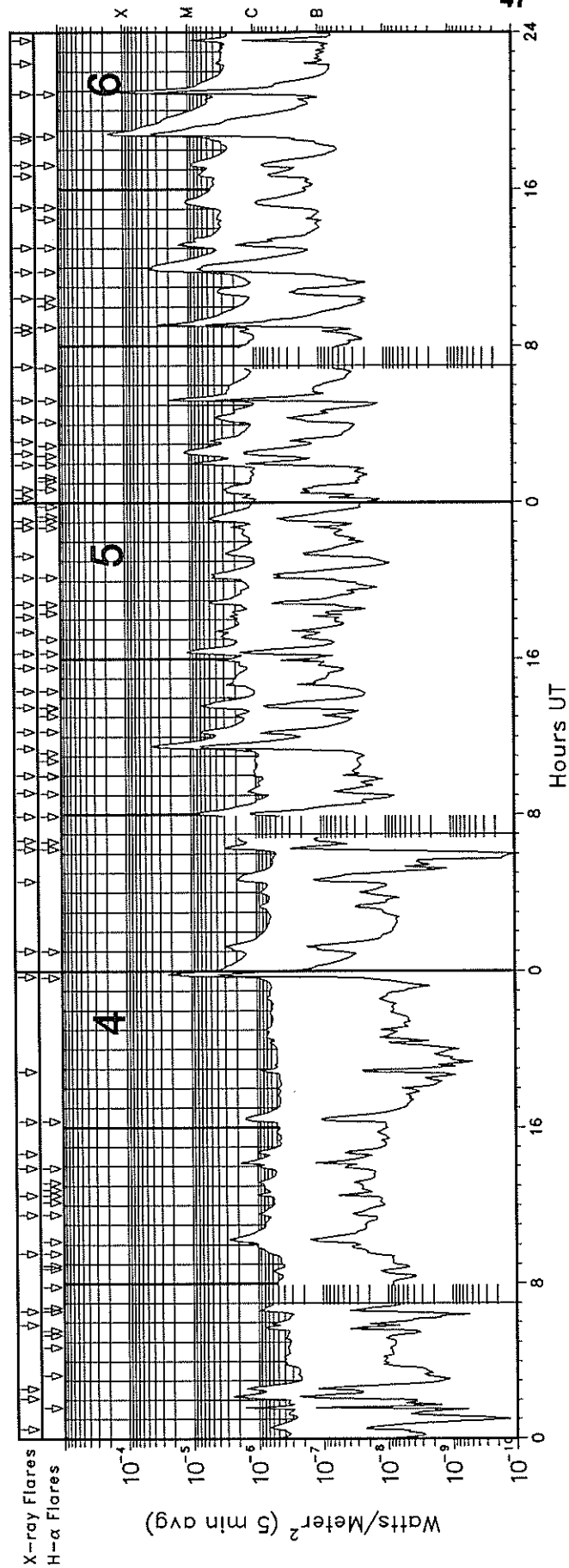
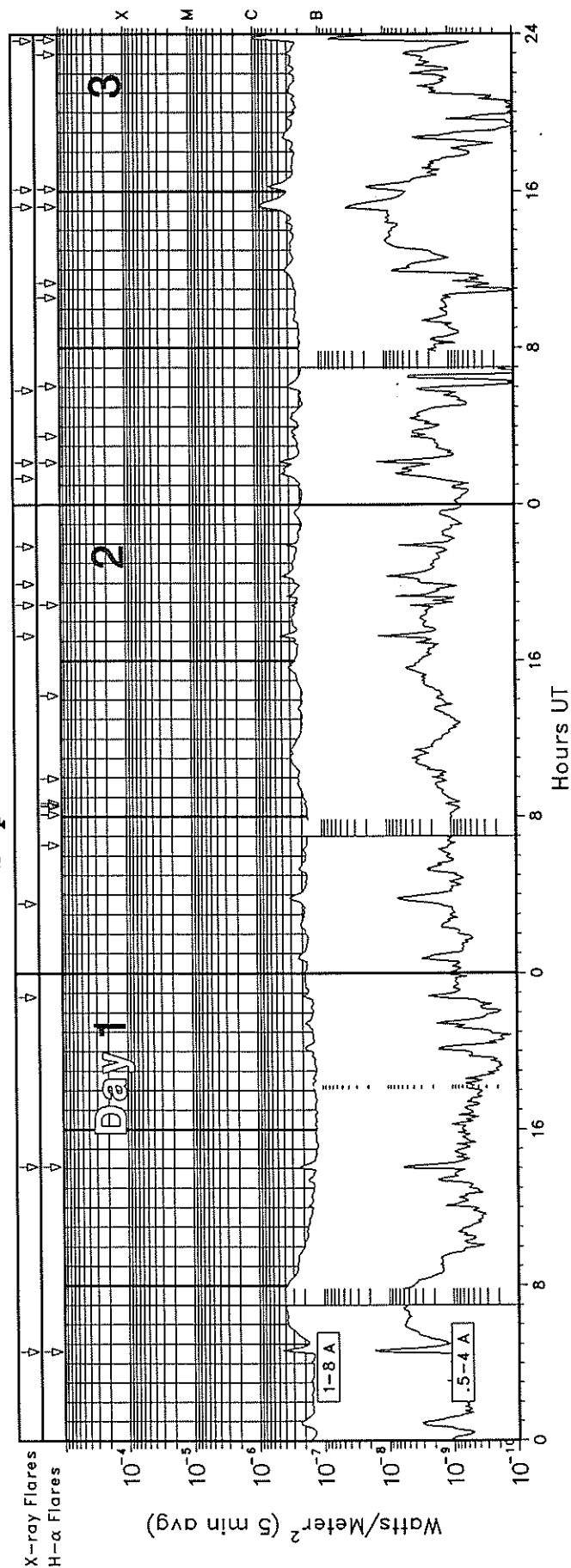
Explanation of Type Code:

1 Simple 1	7 Minor +	24 Rise	30 Post Burst Increase A	43 Onset of Noise Storm
2 Simple 1F	8 Spike	25 Rise A	31 Post Burst Decrease	44 Noise Storm in Progress
3 Simple 2	20 Simple 3	26 Fall	33 Absorption	45 Complex
4 Simple 2F	21 Simple 3A	27 Rise and Fall	40 Fluctuation	46 Complex F
5 Simple	22 Simple 3F	28 Precursor	41 Group of Bursts	47 Great Burst
6 Minor	23 Simple 3AF	29 Post Burst Increase	42 Series of Bursts	48 Major
1A Simple 1A	4A Simple 2AF	24PF Post Rise F	27F Rise and Fall F	
3A Simple 2A	40 Rise Only	16A Fall A	27AF Rise and Fall AF	
21A Simple 3A GRF	40F Rise Only F	260 Fall Only	31A Post Burst Decrease A	
2A Simple 1AF	4P Post Rise	26F Fall F	32A Absorption A	

RSTN Site Information: Beginning in April 1986, the RSTN sites LEAR, PALE, SGMR, and SVTO fixed frequency solar radio data are periodically adjusted to several world standard stations. These world standard stations include: Kislovodsk, USSR 15,500 MHz; Penticton, Canada 2800 MHz; Hiraio, Japan 500 and 200 MHz; and Toyokawa, Japan 9400, 3750, 2000 and 1000 MHz.

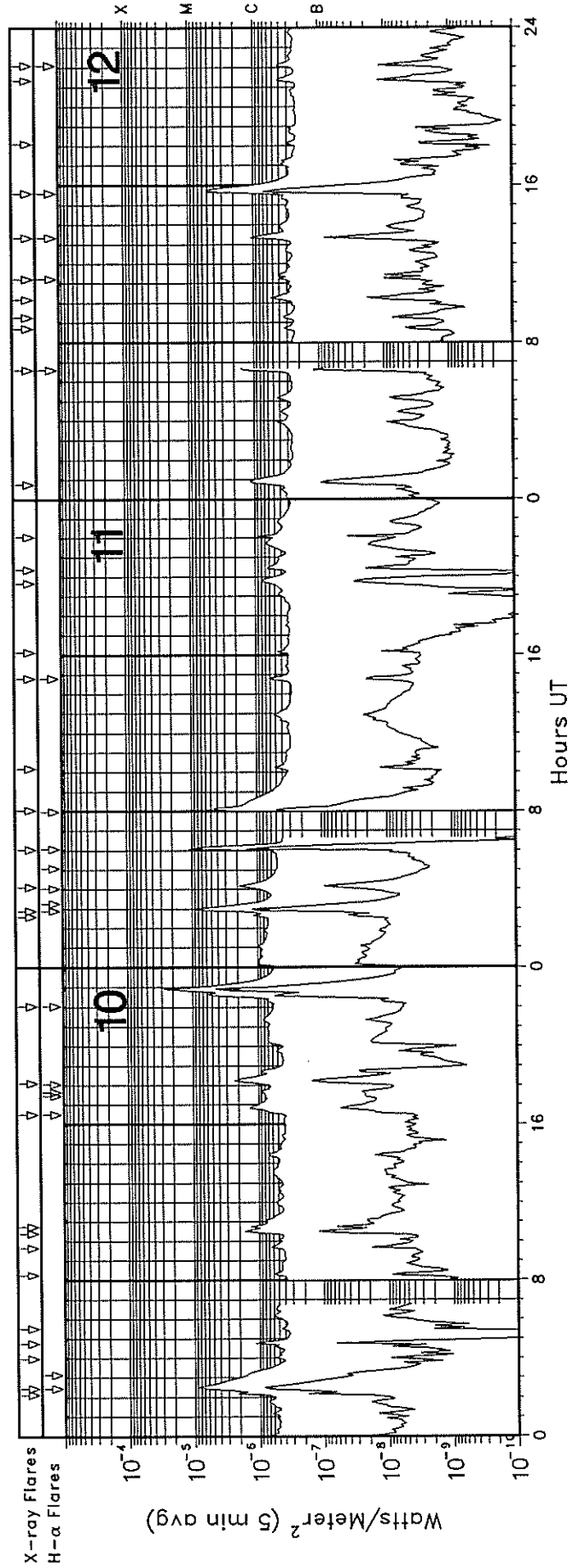
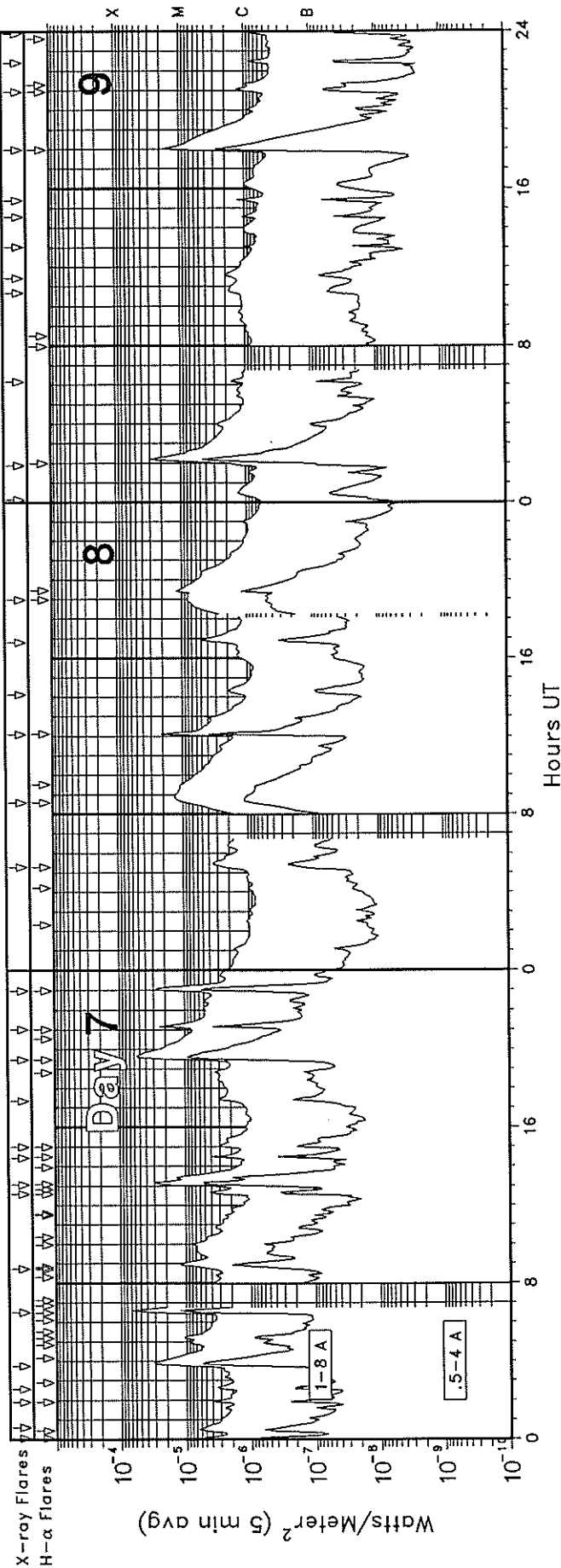
GOES-7 X-RAY DETECTOR

September 1992



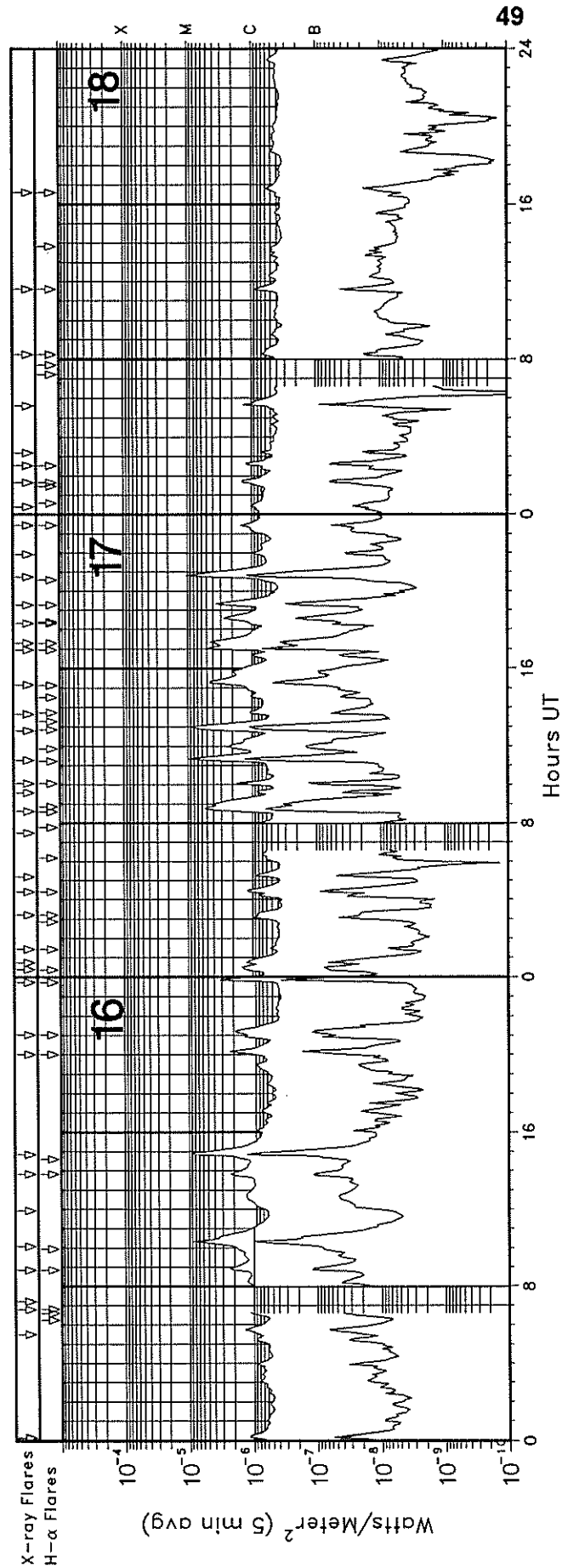
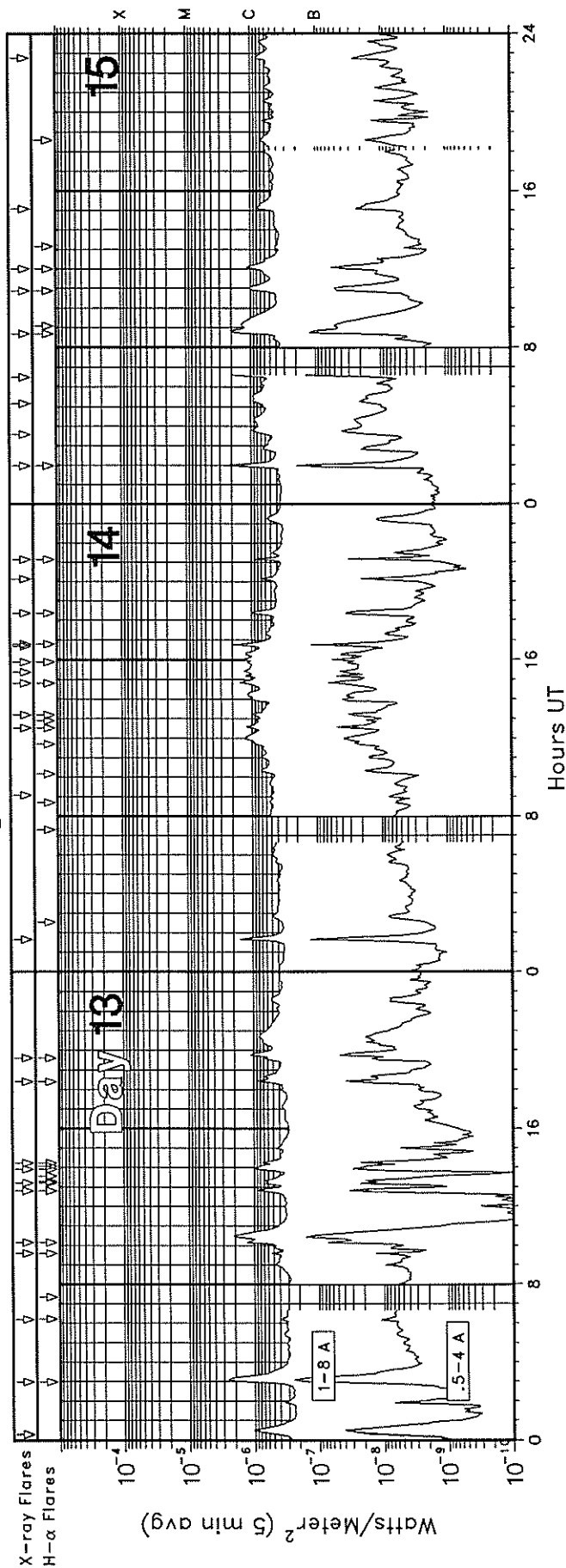
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Sep 92

GOES-7 X-RAY DETECTOR September 1992

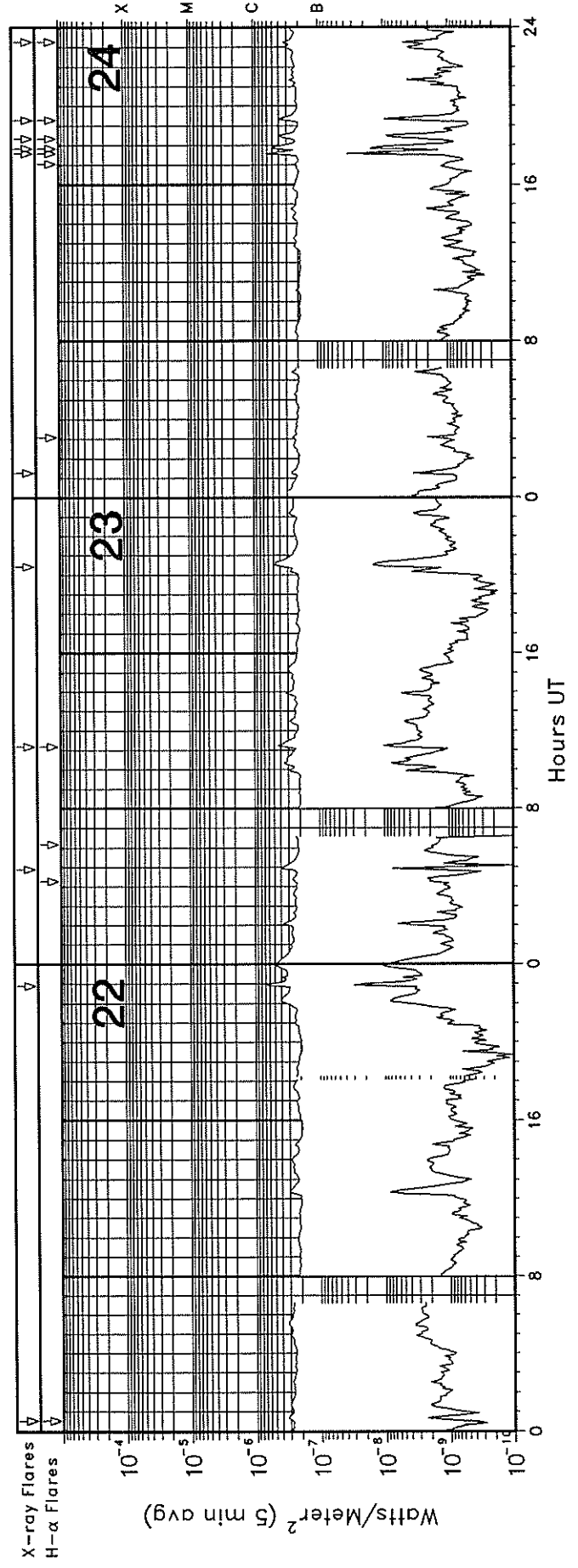
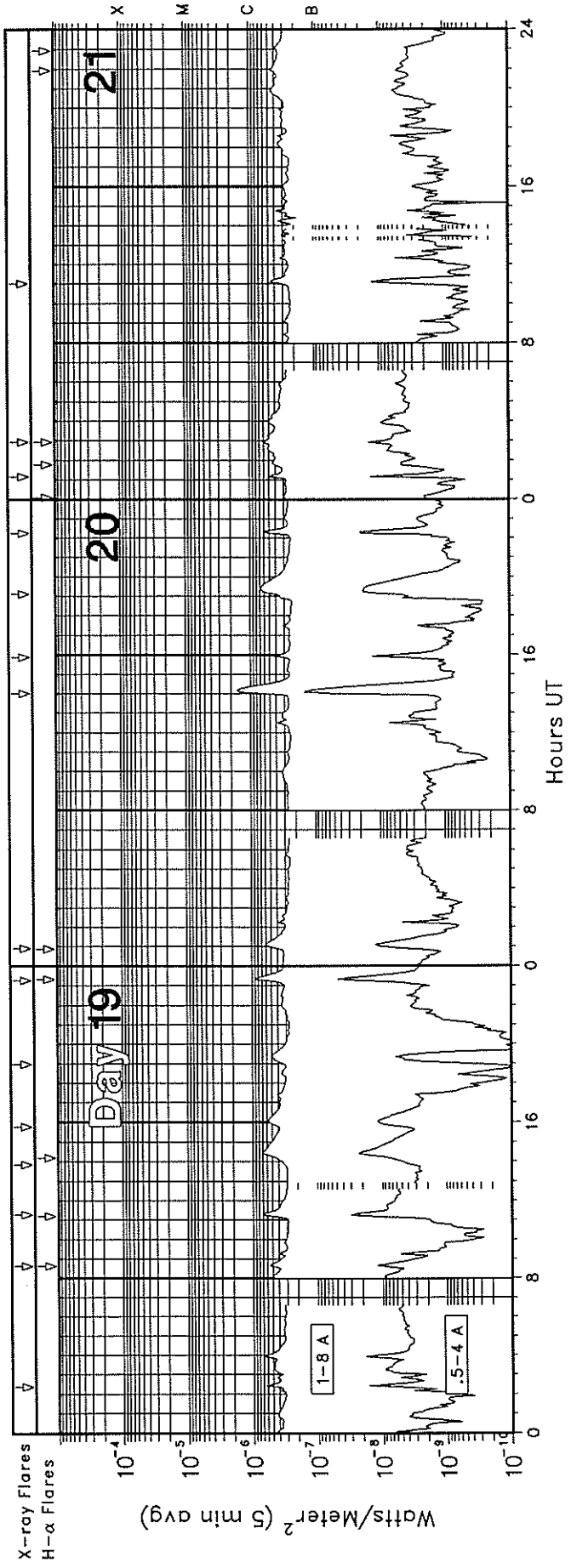


GOES-7 X-RAY DETECTOR

September 1992

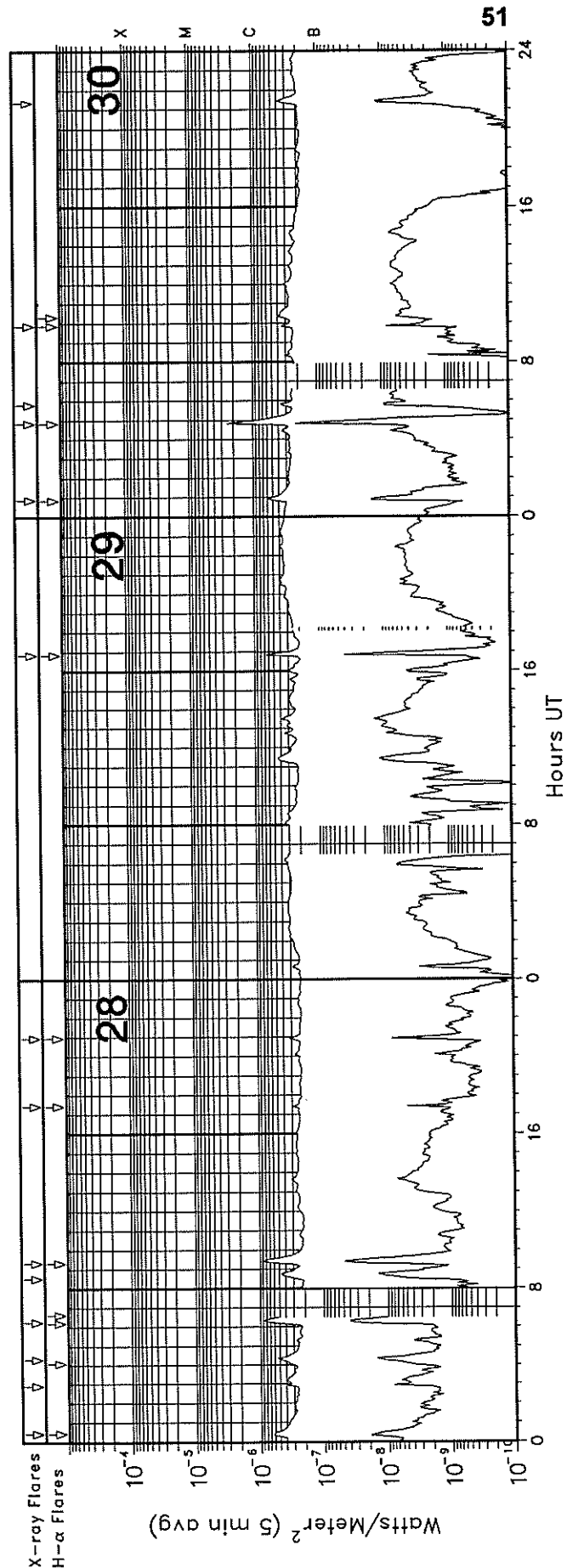
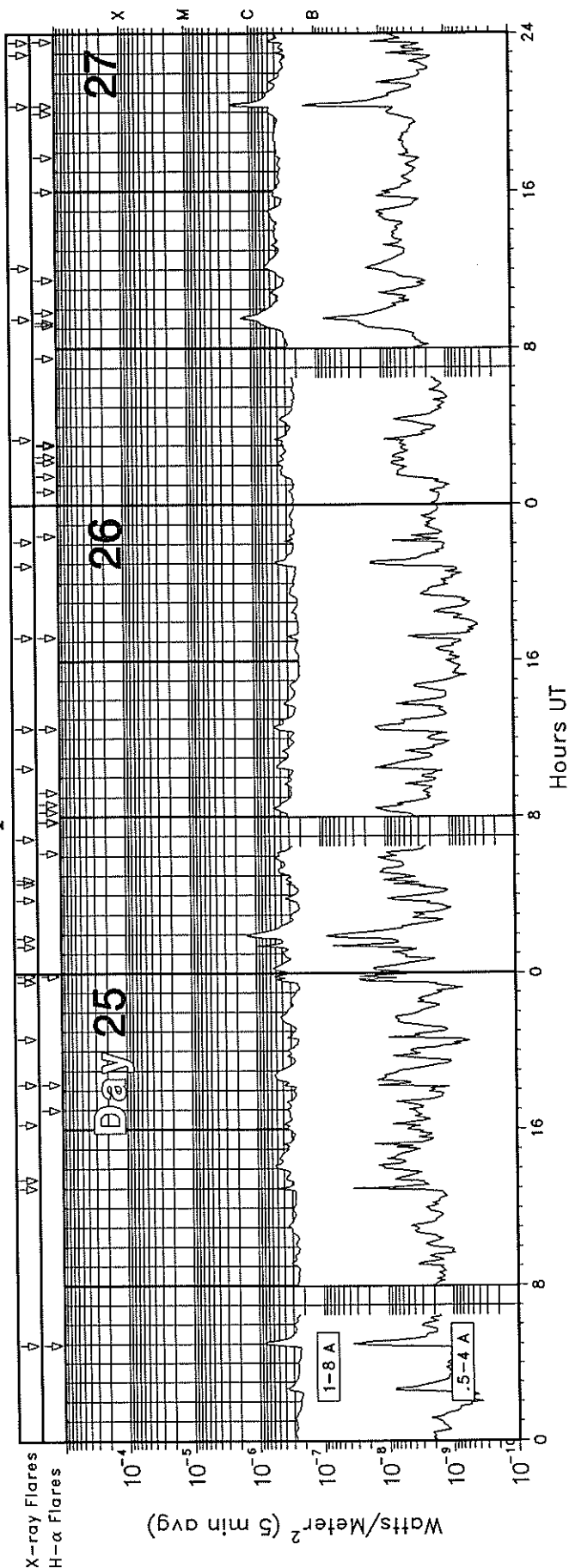


GOES-7 X-RAY DETECTOR
September 1992



GOES-7 X-RAY DETECTOR

September 1992



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Sep 92

GOES S O L A R X-RAY F L A R E S
Preliminary Listing

September 1992

Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Imp Opt	Xray	NOAA/ USAF Region
01	0437	0441	0456	S09	E39	SF	B4.9	7270
01	1406	1408	1412	S07	E35	SF	B2.6	7270
01	2248	2251	2255				B2.1	
02	0334	0354	0402				B3.1	
02	1715	1718	1722				B4.8	
02	1852E	1910U	1919D	S12	W51	SF	B3.6	7272
02	1956	2023	2037				B3.6	
02	2152	2157	2202				B3.6	
03	0121	0136	0200				B3.9	
03	0209	0214	0233	S11	W54	SF	B5.3	7272
03	0551	0606	0623				B2.9	
03	1513	1521	1526	S09	E08	SF	B8.1	7270
03	1606	1616	1623				B5.9	
03	2340	2351	2355				C1.3	
04	0030	0036	0043				B7.0	
04	0204	0207	0300	S12	W69	SF	C2.7	7272
04	0234	0238	0242				C1.7	
04	0552	0556	0600				B7.2	
04	0634	0635	0700	S09	W07	SF	C1.0	7270
04	0932	1017	1101	S08	W05	1F	C2.9	7270
04	1131	1134	1152	S08	W09	SF	C1.0	7270
04	1231	1232	1245	S14	W73	SF	C1.4	7272
04	1354	1403	1421	S09	W11	SF	C1.9	7270
04	1439	1445	1451				C1.0	
04	1618	1622	1627	S13	W78	SF	C1.5	7272
04	1851	1855	1900				C1.1	
04	2344	2352	0006				M2.5	7270
05	0103	0117	0124				C3.2	
05	0434	0442	0500				C2.1	
05	0614E	0617U	0630	S11	W82	SF	C3.2	7272
05	0642	0653	0748	S10	W24	SF	C2.0	7270
05	0755	0811	0839	S10	W22	1F	C9.2	7270
05	0907	0911	0929	S10	W20	SF	C1.4	7270
05	1001	1015	1024	S10	W24	SF	C1.2	7270
05	1124	1129	1204	S08	W21	1N	M4.0	7270
05	1216	1220	1229	S09	W28	SF	C7.3	7270
05	1331	1333	1344	S11	W81	SN	C8.2	7272
05	1421	1438	1524	S09	W25	SF	C3.3	7270
05	1533	1536	1612	S09	W26	SF	C5.1	7270
05	1616	1625	1655	S09	W26	SN	M1.1	7270
05	1723	1727	1730				C4.6	
05	1809	1813	1815				C2.7	
05	1848	1852	1912	S08	W28	SF	C5.5	7270
05	2011	2012	2034D	S09	W33	SF	C5.1	7270
05	2116	2128	2139				C2.8	
05	2243E	2250U	2258D	S10	W30	SF	C2.3	7270
05	2304	2310	2317	S10	W35	SF	C6.1	7270
06	0015	0019	0022				C1.7	
06	0040	0041	0048	S08	W32	SF	C3.1	7270
06	0156	0210	0225	S10	W32	1N	M1.0	7270
06	0232	0235	0251	S09	W37	SF	M1.1	7270
06	0308	0312	0318				C4.8	
06	0417E	0419	0439	S08	W40	1N	C4.2	7270
06	0515E	0517U	0614	S09	W39	2N	M2.4	7270
06	0657E	0705	0818	S13	W32	1F	M1.3	7270
06	0843	0847	0850				C1.7	
06	0857	0907	0930D	S11	W38	1N	M3.3	7270
06	1027	1039	1107	S12	W37	SF	C3.7	7270
06	1147	1207	1253	S11	W42	1N	M4.0	7270

Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Imp Opt	Xray	NOAA/ USAF Region
06	1301	1313	1407	S13	W40	1N	M1.4	7270
06	1505	1527	1608	S09	W40	SF	M1.1	7270
06	1641	1643	1702	S10	W42	SF	C7.1	7270
06	1715E	1716	1740D	S11	W41	SN	M1.1	7270
06	1831	1833	1840	S11	W48	SF	C5.0	7270
06	1842	1846	2051D	S11	W41	2B	X1.7	7270
06	2050	2100	2116	S11	W46	1N	X1.3	7270
06	2225	2228	2233				C3.9	
06	2335	2339	2343				M1.3	
07	0003	0008	0011	N12	E90	SF	M1.1	7276
07	0038	0039	0046	S09	W44	SF	C6.6	7270
07	0155	0158	0209	S09	W43	SN	C4.5	7270
07	0234	0238	0247				C3.6	
07	0345	0345U	0420	S08	W45	1F	M3.6	
07	0631	0634	0748	S08	W52	2B	M7.1	7270
07	0844	0844	0848	S09	W49	SN	M1.2	7270
07	1236	1236	1245	S10	W59	SF	C4.5	7270
07	1304	1309	1344	S09	W58	SN	M3.8	7270
07	1427	1431	1435				C4.9	
07	1500	1505	1520	S11	W53	SF	C3.1	7270
07	1722	1730	1738				C3.3	
07	1929	1936	2034	S11	W57	2B	M5.7	7270
07	2102	2112	2120D	N17	E85	1B	M3.0	7276
07	2258	2302	2312	S10	W59	1B	M2.9	7270
08	0518	0528	0543	S10	W62	SF	C3.6	7270
08	0836	0838	0917	S11	W63	SN	M1.5	7270
08	1206E	1206U	1216D	N15	E68	SN	M2.6	7276
08	1408	1420	1431				C2.1	
08	1648	1658	1707				C5.1	
08	1858E	1927	1937	S10	W66	SF	M1.2	7270
09	0009	0032	0055				C1.3	
09	0153	0213	0249				M3.1	
09	0610	0614	0617				C2.3	
09	1041	1058	1108				C1.7	
09	1127	1140	1146				C2.0	
09	1303	1306	1309				C1.1	
09	1435	1438	1442				C1.2	
09	1524	1528	1531				C1.5	
09	1758	1801	1825D	S11	W78	SF	M1.9	7270
09	2057	2103	2117	N17	E58	SF	C1.4	7276
09	2225	2231	2236				B9.6	
09	2354	2359	0005				B8.9	
10	0208	0213	0217				C2.5	
10	0226	0237	0244	N12	E48	SF	C9.4	7276
10	0358	0401	0410				B5.6	
10	0445	0449	0452				C1.5	
10	0531	0534	0536				B5.6	
10	0816	0820	0823				B7.5	
10	0939	0942	0949				B6.8	
10	1024	1034	1042				C1.7	
10	1044	1047	1048				C1.7	
10	1630	1650	1749	N12	E42	SF	C1.3	7276
10	1807	1814	1848	N13	E47	SF	C2.4	7276
10	2203	2253	2336	N12	E41	2B	M3.2	7276
11	0236	0241	0246				C1.2	
11	0253	0302	0309				M1.0	
11	0407	0412	0417				C2.0	
11	0603	0609	0616				M1.4	
11	0803	0811	0816				C5.3	

GOES SOLAR X-RAY FLARES
Preliminary Listing

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September 1992

Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Imp Opt	Xray	NOAA/USAF Region
11	1012	1017	1024				B5.9	
11	1448	1450	1459	N14	E28	SF	B9.7	7276
11	1609	1612	1616				B5.1	
11	1940	1950	1957				B8.0	
11	2022	2030	2040				B6.5	
11	2203	2207	2209				C1.3	
12	0045	0056	0108				C1.1	
12	0635	0636	0643	N17	E26	SF	C1.7	7276
12	0842	0845	0850				B3.6	
12	0916	0920	0924				B3.8	
12	1011	1018	1023				B6.2	
12	1113E	1117U	1135D	N19	E23	SF	B4.7	7276
12	1320	1322	1333	N18	E22	SF	C1.1	7276
12	1536	1539	1613	N18	E21	SN	C5.2	7276
12	1807	1810	1814				B3.5	
12	2120	2124	2128				B5.2	
12	2206	2207	2227	N19	E16	SF	B5.0	7276
13	0018	0033	0040				C1.0	
13	0258	0314	0334	N18	E14	SF	C2.6	7276
13	0611	0615	0618				B4.5	
13	0935	0935	0940	N13	E07	SF	B5.9	7276
13	1009	1013	1047	N19	E09	SF	C2.2	7276
13	1249	1253	1258	N11	E06	SF	B9.4	7276
13	1312	1313	1318	N12	E05	SF	B8.9	7276
13	1354	1356	1408	N09	W61	SF	C1.1	7281
13	1414	1417	1434	S20	W27	SF	B7.9	7282
13	1824	1825	1855	N18	E06	SF	B9.8	7276
13	1937E	1948	2017	N11	E08	SF	C1.2	7276
14	0139E	0139	0215	N12	W63	SF	C1.7	7281
14	0904	0905	0907	S21	W36	SF	B7.4	7282
14	1231	1233	1249	N13	W70	SF	C1.3	7281
14	1312	1409	1417	N13	W70	SF	C1.1	7281
14	1448	1449	1456	N18	W06	SF	C1.6	7276
14	1521	1526	1534				C1.3	
14	1552	1553	1600	N13	W73	SF	C1.5	7281
14	1640	1643	1645				C1.1	
14	1647	1650	1654	N13	W73	SF	C2.8	7281
14	1821	1826	1833	N13	W73	SF	C1.1	7281
14	2007	2011	2013				B9.2	
14	2109	2110	2114	N20	W10	SF	C1.1	7276
15	0158	0158	0206	N12	W74	SF	C2.6	7281
15	0334	0348	0436				B9.5	
15	0509	0535	0545				B9.4	
15	0630	0638	0643				C2.6	
15	0841	0850	0857				C2.3	
15	1052	1105	1114				C1.0	
15	1200	1201	1206	S16	W54	SF	C1.1	7282
15	1505	1510	1515				B9.2	
15	2246	2249	2252				B9.9	
16	0008	0014	0024				C1.2	
16	0529	0546	0552				C1.5	
16	0647E	0704	0840	N15	W29	1F	C3.5	7276
16	0713	0719	0726				C3.4	
16	0850	0858	0921	N14	W29	SF	C2.5	7276
16	1005	1022	1104	N14	W30	1N	M1.0	7276
16	1156	1253	1309				C1.2	
16	1349	1351	1409	N14	W32	SF	C2.2	7276
16	1450	1454	1505	N13	W33	SN	M1.2	7276
16	2001	2015U	2032	N16	W38	SF	C2.4	7276
16	2101E	2118	2137	N15	W36	SN	C1.9	7276
16	2344	2350	0013	N16	W38	SN	C3.7	7276

Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Imp Opt	Xray	NOAA/USAF Region
17	0024	0049	0109	N15	W39	SF	C1.6	7276
17	0044	0049	0056				C1.2	
17	0127	0127	0143	N10	W05	SF	B5.4	7284
17	0313	0314	0330	N09	W06	SF	C1.0	7284
17	0424	0430	0455	N15	W40	SF	C1.4	7276
17	0511	0520	0526				B9.7	
17	0729	0740	0813D	N15	W40	SF	C6.8	7276
17	0837	0847	0935	N15	W42	SF	C5.6	7276
17	0935	0940	0944				C1.0	
17	1003	1007U	1010D	N13	W43	SF	C1.9	7276
17	1116	1121	1136	N14	W44	1N	M1.1	7276
17	1247	1302	1309				C9.5	
17	1339	1344	1351				C1.3	
17	1509	1514	1617	N17	W47	SF	C4.8	7276
17	1657	1700	1740	N15	W47	SN	C5.5	7276
17	1718	1722	1736	N11	W14	SF	C4.6	7284
17	1819	1838	1848	N16	W48	SN	C2.9	7276
17	1916	1923	1938	N15	W49	SN	C3.6	7276
17	2044	2050	2115	N16	W48	1N	M1.2	7276
17	2156	2200	2206				C1.1	
17	2325	2328	2336	N15	W50	SF	C1.6	7276
18	0023	0027	0032				C1.1	
18	0139	0142	0158	N15	W52	SF	C1.4	7276
18	0232	0234	0251	N14	W51	SF	C1.5	7276
18	0311	0315	0320				B8.4	
18	0537	0542	0547				C1.5	
18	0813	0818	0824	N13	W55	SF	B6.9	7276
18	1136	1141	1148	N13	W56	SF	B9.8	7276
18	1637	1651	1702	N15	W60	SF	B6.3	7276
19	0222	0228	0233				B6.6	
19	0838	0839	0847	N13	W70	SF	B5.7	7276
19	1116	1120	1142	S16	E23	SF	B7.2	7283
19	1351	1430	1503				B7.1	
19	1546	1608	1623				B5.9	
19	1857	1925	1934				B5.0	
19	2316	2324	2333				B9.5	
20	0054	0103	0128	N09	W44	SF	B6.1	7284
20	1400	1413	1425				C1.6	
20	1553	1557	1603				B4.4	
20	1906	1926	1951				B6.7	
20	2215	2220	2225				B7.9	
21	0109	0114	0119				B6.0	
21	0255	0258	0328	S16	E16	SF	B6.9	7288
21	1100	1108	1117				B4.9	
22	0033	0041	0049	S07	W06	SF	B3.3	7285
22	2254	2300	2304				B8.2	
23	0454	0459	0508				B4.0	
23	1111	1113	1124	S07	E07	SF	B4.5	7291
23	2026	2031	2046				B5.0	
24	0116	0119	0122				B3.0	
24	1736	1741	1747	S08	E53	SF	B8.9	7293
24	1751	1752	1811	S14	W51	SF	B5.6	7283
24	1821	1830	1851	S15	W33	SF	B4.7	7288
24	1917	1919	1948	S14	W33	SF	B4.1	7288
24	2316	2317	2324	S09	E12	SF	B3.8	7289
25	0456	0458	0506	S17	W56	SF	B9.1	7283
25	1259	1303	1305				B7.4	
25	1327	1330	1333				B4.3	

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GOES SOLAR X-RAY FLARES
Preliminary Listing

September 1992

Start Day (UT)	Max (UT)	End (UT)	Lat	CMD	Imp Opt	Xray	NOAA/ USAF Region
25	1615	1618	1620			B5.2	
25	1817	1818	1838	N16 E82	SF	B5.5	
25	2038	2041	2044			B4.1	
25	2334	2340	2344			B6.6	
25	2352	2354	2358	N16 E92	SF	B5.9	7295
26	0123	0128	0130			C1.8	
26	0149	0159	0208			C1.4	
26	0347	0351	0353			B4.1	
26	0436	0440	0442			B3.7	
26	0447	0450	0452			B4.6	
26	0653	0656	0658			B5.4	
26	1027	1034	1054			B4.6	
26	1230	1239U	1255D	N18 E78	SF	B5.1	7295
26	1713	1718	1730	S09 E27	SF	B3.5	7293
26	2054	2107	2109			B6.8	
26	2208	2211	2213			B3.8	
27	0319	0323	0327			B5.0	
27	0929	0934	0938			C1.5	
27	1206	1210	1212			B8.1	

Start Day (UT)	Max (UT)	End (UT)	Lat	CMD	Imp Opt	Xray	NOAA/ USAF Region
27	2020	2026	2034	N14 E59	SF	C2.9	7295
27	2257	2301	2306			B4.1	
27	2334	2339	2344			B6.0	
28	0026	0028	0036	S06 W57	SF	B6.4	7291
28	0254	0258	0301			B4.1	
28	0418	0421	0424			B6.5	
28	0614E	0614U	0627	S09 W29	SF	B9.3	
28	0831	0848	0855			B4.8	
28	0919	0928	0935			B9.7	
28	1726	1728	1735	S09 W35	SF	B3.4	7289
28	2057	2058	2112	S08 W39	SF	B4.7	7289
29	1650	1654	1713	N06 E32	1N	C1.1	7296
30	0052E	0056U	0100D	N07 E28	SF	B6.4	7296
30	0450	0453	0519	N06 E24	1N	C2.9	7296
30	0547	0550	0553			B4.8	
30	0952	0953	0959	N06 E23	SF	B4.5	7296
30	2120	2127	2137			B3.8	

Preliminary GOES Satellite Data
Daily Average X-ray Background
Oct 1991 - Sep 1992

	1991			1992								
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	C1.3	C1.3	B9.4	C2.0	C1.7	B9.2	C1.2	B4.2	B1.4	B3.9	B3.2	B1.2
2	C1.5	C1.3	B8.8	C1.9	C2.6	B9.1	B7.5	B4.5	B1.4	B3.6	B4.6	B1.7
3	C1.8	C1.3	B7.8	C2.3	C3.0	B8.3	B7.8	B3.5	B1.6	B4.1	B7.1	B2.0
4	C1.1	C1.3	B9.3	C2.5	C1.9	B8.0	B9.7	B6.3	B1.7	B3.1	B5.2	B3.5
5	C1.2	C1.1	C1.2	C2.1	C2.2	B8.6	C1.0	B7.6	B2.0	C1.1	B3.8	B9.2
6	B9.9	C1.1	C1.1	C1.5	C2.2	B8.5	B6.8	B4.4	B2.3	C1.2	B3.7	C1.1
7	C1.2	C1.2	C1.5	C1.6	C2.2	B9.5	B5.0	B4.3	B2.4	B8.8	B4.3	C1.7
8	C1.4	C1.2	C1.7	C1.8	C1.4	---	B6.0	B3.2	B2.4	B7.3	B5.4	B7.9
9	C1.4	C1.1	C3.4	C1.8	C1.6	B9.8	B4.3	B2.8	B3.3	B7.0	B4.8	B6.4
10	C1.0	C1.0	C2.8	C1.5	C1.6	B7.6	B4.1	B2.4	B3.5	B8.5	B5.4	B4.0
11	B8.1	B8.6	C1.7	C1.5	C1.4	B6.0	B4.0	B2.6	B3.5	B8.6	B5.1	B3.0
12	C1.0	B8.9	C1.5	C1.2	C1.0	B6.1	B4.6	B2.7	B3.3	B8.8	B3.9	B2.4
13	B7.6	B6.8	C1.5	C1.0	B8.5	B5.5	B4.5	B2.6	B3.2	B9.1	B3.5	B2.8
14	C1.1	B8.2	C1.6	C1.0	C1.2	B6.9	B4.7	B3.2	B3.2	B9.1	B3.7	B3.5
15	B8.4	B7.3	C1.4	B9.7	C1.8	B8.7	B4.7	B3.0	B2.8	C1.1	---	B3.7
16	B7.9	B7.6	C1.7	B6.8	C1.5	B7.5	B6.7	B2.1	B2.4	B6.9	B3.5	B4.8
17	B6.5	B7.9	C1.4	B6.5	C1.1	B7.3	B9.6	B1.8	B2.8	B5.5	B3.9	B5.2
18	B5.4	B8.5	C1.3	B6.5	C2.0	B7.1	C1.1	B2.2	B2.7	B7.3	B3.9	B3.5
19	B5.6	B8.6	C1.2	B7.6	C2.0	B6.6	C1.2	B5.9	B2.2	B7.1	B6.1	B2.9
20	B8.3	B8.1	C1.3	B7.3	C1.9	B6.0	B9.4	B4.3	B2.2	B9.8	B8.9	B2.5
21	C1.3	B4.8	C2.1	B8.0	C2.4	B5.9	C1.0	B4.0	B2.3	B3.4	B7.4	B2.3
22	C1.5	B4.1	C2.1	B9.5	C1.6	B5.3	B7.3	B3.5	B2.9	B2.2	---	B1.9
23	C1.5	B3.9	C2.3	B9.3	C1.3	B7.8	B6.4	B3.4	B4.9	B2.2	B4.9	B2.0
24	C2.3	B3.1	C1.9	B8.6	C1.2	C1.0	B6.3	B3.3	B5.7	B2.2	B4.8	B1.8
25	C3.3	B3.5	C1.8	C1.4	C1.6	C1.3	B6.0	B2.6	B7.9	B2.0	B2.6	B2.4
26	C2.6	B4.7	C2.0	C1.5	C1.2	B7.7	B4.5	B2.4	B8.0	B1.5	B1.8	B2.0
27	C2.6	B5.1	C1.3	C1.1	C1.5	B6.5	B4.7	B2.6	B5.0	B1.4	B1.0	B2.6
28	C2.6	B4.8	C1.5	C1.3	C1.0	B7.3	B3.9	B2.7	B6.4	B1.2	B1.1	B2.1
29	C1.8	B6.1	C1.5	C1.7	C1.0	B8.0	B3.4	B2.5	B4.1	B2.0	B1.8	B2.1
30	C1.9	B9.1	C2.0	C2.2		B6.2	B3.0	B1.7	B4.3	B2.0	B1.3	B2.0
31	C1.4		C1.8	C2.1		C1.0		B1.2		B1.9	B1.2	

MASS EJECTIONS FROM THE SUN--PROXY DATA*

SEPTEMBER 1992

Site	Mo	Day	Observed UT			Location		Freq or Wavelength	Kind of Event
			Start	Max	End	RA ⁻	R/Ro		
KHAR	Sep	01	0842	E	0902 D	106-112	1.00-1.05	H-alpha	A
KHAR	Sep	02	0806	E 0806 U	0852 D	247-250	0.74-0.76	H-alpha	S
POTS	Sep	03	0930.8		0932.2			150-100 MHz	II
SVTO	Sep	03	0931.0		0934.0			Meter	II
WEIS	Sep	03	0931.9		0933.8			36- 70 MHz	II Harmonic
KHAR	Sep	03	1030	E 1110	1215 D	247-260	1.00-1.06	H-alpha	Q
SVTO	Sep	03	1442.0		1453.0			Meter	II
SGMR	Sep	03	1442.0		1504.0			Meter	II
KHAR	Sep	04	0845	E 0855 U	0900	262	1.00-1.02	H-alpha	S
KHAR	Sep	04	0857	E 0900 U	0926 D	224-226	0.29-0.31	H-alpha	S
KHAR	Sep	04	1019	E	1045 D	224-226	0.29-0.31	H-alpha	S
KHAR	Sep	05	0905		0930	237-239	0.55-0.53	H-alpha	S
KHAR	Sep	05	0958	E 1005 U	1030 D	262-261	1.00-1.01	H-alpha	S
KHAR	Sep	05	1042		1052	262	1.00-1.02	H-alpha	S
SGMR	Sep	05	1159.0		1208.0			Meter	II
ONDR	Sep	06	1302.8		1314.9			Decimeter; meter	IV Fibers
ONDR	Sep	07	0632.5		0634.0			Decimeter	IV
SVTO	Sep	08	1204.0		1219.0			Meter	IV
POTS	Sep	08	1204.8		1220 U			500- 40 MHz	IV
SGMR	Sep	08	1213.0		1217.0			Meter	II
WEIS	Sep	08	1215.2		1217.2			66- 46 MHz	II
LEAR	Sep	10	2254.0		2307.0			Meter	II
POTS	Sep	11	0604.6		0615 U			500- 50 MHz	IV,II Harmonic
WEIS	Sep	11	0606.4		0611.0			480- 70 MHz	II Herringbone
SVTO	Sep	11	0608.0		0610.0			Meter	II
WEIS	Sep	19	0721.4		0723.4			290-200 MHz	II
WROC	Sep	28	0842		0850	261	1.2	H-alpha	SP

QUALIFIERS ON START, MAX AND END TIMES

E = event began before the tabulated time

U = uncertain time

TYPE OF EVENT

A = eruptive active region prominence

CB = coronal cloud bubble

D = coronal depletions

E = coronal enhancement

EL = coronal expanding loop

II = Type II radio burst

IVm = moving Type IV radio burst

Q = eruptive quiescent prominence

R = coronal ray or streamer

S = flare-surge if there is a known flare association

SP = flare-spray if there is a known flare association

** = movement may be caused by ionospheric refraction

REPORTING STATIONS

KHAR = Kharkov

LEAR = Learmonth

ONDR = Ondrejov

POTS = Potsdam

SVTO = San Vito

WEIS = Weissenau

WROC = Wroclaw

*Please be advised that this list is made up of proxy data--not actual measurements of coronal mass ejections (CMEs). The list was requested by the IAU Commission 10 in 1979. See page 46 in the July 1987 supplement to Solar-Geophysical Data for more information.

ACTIVE PROMINENCES AND FILAMENTS

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SEPTEMBER 1992

Day	Event Type	Start (UT)	End (UT)	Lat	CMD	CMP Mo	Day	Imp	Extent	Blue Shift (.1 A)	Red Shift (.1 A)	Obs Type	Sta	NOAA/ USAF Reg#	Remarks
01	DSD	0340E	0952D	S08	W29	08	30.1		03	9	9	E	LEAR		
01	DSD	0341E	0952D	S10	W30	08	30.0		02	9	9	E	LEAR		
01	ADF	0525E	0918D	N03	W53	08	28.4	1	08	9	9	E	SVTO	7267	
01	DSD	0525E	1610D	S47	W01	09	1.1		02	9	9	E	SVTO	7267	
01	DSD	0533E	1610D	S07	E38	09	4.1		03	9	9	E	SVTO	7270	
01	AFS	0533E	1610D	S09	E39	09	4.1		02	9	9	E	SVTO	7270	
01	ADF	0533E	1610D	S10	E44	09	4.5	1	10	9	9	E	SVTO	7270	
01	AFS	0540E	1610D	S12	W27	08	30.3		02	9	9	E	SVTO		
01	SSB	0544		189	W19	09	8.0			0	0	E	SVTO		215 W45
01	BSL	0701E	0704D	S21	E90	09	8.2	1				C	ABST		
01	APR	0842E	0902D	S18	E90	09	8.2	2				V	KHAR		
01	ASR	0907E	1610D	N07	W90	08	25.7		06	6	6	E	SVTO		
01	AFS	1038E	1216D	S11	W30	08	30.3		01	9	9	E	RAMY		
01	AFS	1049E	1216D	S09	E32	09	3.8		01	9	9	E	RAMY	7270	
01	DSD	1050E	1216D	S09	E29	09	3.6		02	9	9	E	RAMY	7270	
01	ADF	1054E	1216D	S11	E40	09	4.5	1	09	9	9	E	RAMY	7270	
01	DSD	1324E	0120D	S12	E41	09	4.6		03	9	9	E	HOLL	7270	
01	AFS	1324E	0120D	S12	E43	09	4.8		02	9	9	E	HOLL	7270	
01	AFS	1329E	0120D	S10	W32	08	30.2		02	9	9	E	HOLL		
01	SSB	1343		190	W24	09	8.5			0	0	E	HOLL		
01	DSD	1734E	0042D	N02	W56	08	28.6		03	9	9	E	PALE	7267	
01	DSD	1734E	0042D	S10	E26	09	3.7		01	9	9	E	PALE	7270	
01	AFS	1734E	0042D	S11	W34	08	30.3		03	9	9	E	PALE	7272	
01	DSD	1734E	0042D	S11	W38	08	30.0		02	9	9	E	PALE	7272	
01	SSB	1809		188	W25	09	8.6			0	0	E	PALE		
01	AFS	2330E	0956D	S11	E30	09	4.2		02	9	9	E	LEAR	7270	
01	AFS	2332E	0956D	S09	E27	09	4.0		02	9	9	E	LEAR	7270	
01	AFS	2335E	0956D	S12	W38	08	30.2		02	9	9	E	LEAR	7272	
01	DSD	2337E	0956D	S13	W39	08	30.1		02	9	9	E	LEAR	7272	
02	AFS	0718E	1705D	S11	W44	08	30.1		03	9	9	E	SVTO	4272	
02	AFS	0725E	0000	S07	E25	09	4.2		03	9	9	E	SVTO	7270	
02	AFS	0735E	1705D	S09	E25	09	4.2		03	9	9	E	SVTO	7270	
02	AFS	0743E	1400D	S01	W62	08	28.8		02	9	9	E	SVTO	7267	
02	DSD	0806E	0852D	S12	W46	08	30.0	1				V	KHAR		
02	DSD	1322E	2145D	S08	E20	09	4.0		02	8	8	E	HOLL	7270	
02	ADF	1322E	2353D	S08	E19	09	4.0	1	12	9	9	E	HOLL	7270	
02	SSB	1404		191	W39	09	10.0			0	0	E	HOLL		
02	DSD	1940E	0352D	S09	E17	09	4.1		04	9	9	E	PALE	7270	
02	ADF	1940E	0352D	S15	E20	09	4.3	1	05	9	9	E	PALE	7270	
02	AFS	1942E	0352D	S10	W56	08	29.7		02	9	9	E	PALE	7272	
02	AFS	2335E	0952D	S08	E16	09	4.2		03	5	4	E	LEAR	7270	
02	AFS	2335E	0952D	S12	W51	08	30.2		02	4	6	E	LEAR	7272	
03	APR	0423E	0657D	S27	E90	09	10.2	1				C	ABST		
03	AFS	0454E	1658D	S13	W55	08	30.1		03	9	9	E	SVTO	7272	
03	AFS	0456E	1658D	S08	E06	09	3.6		02	9	9	E	SVTO	7270	
03	BSL	0504E	0657D	S23	W90	08	27.4	1				C	ABST		
03	DSD	0508E	1150D	S08	E03	09	3.4		02	9	9	E	SVTO	7270	
03	ADF	0540E	1658D	S10	E09	09	3.9	1	02	9	9	E	SVTO	7270	
03	AFS	0748E	1658D	N09	W11	09	2.5		02	9	9	E	SVTO		
03	AFS	0754E	1658D	S12	E36	09	6.0		01	9	9	E	SVTO		
03	DSD	0959E	1658D	S12	W66	08	29.5		06	9	9	E	SVTO	7272	
03	DSD	1030E	1057D	N03	W79	08	28.6	1				V	KHAR		
03	APR	1030E	1215D	S17	W90	08	27.7	2				V	KHAR		
03	AFS	1054	1658D	N07	E27	09	5.5		01	8	8	E	SVTO		
03	AFS	1312E	0010D	S13	W56	08	30.4		03	9	9	E	HOLL	7272	
03	AFS	1405E	0010D	S07	E06	09	4.0		02	9	9	E	HOLL	7270	
03	DSF	1809U	1557U	N42	E13	09	4.8		10	0	0	E	HOLL		
03	SSB	1946		146	W10	09	7.3			0	0	E	HOLL		189 W53
03	ADF	2232E	0010D	S18	E13	09	4.9	1	13	9	9	E	HOLL	7270	
04	AFS	0011E	0950D	S12	W65	08	30.2		03	4	4	E	LEAR	7272	
04	AFS	0013E	0950D	S07	W05	09	3.6		03	7	9	E	LEAR	7270	
04	SSB	0528		190	W60	09	12.1			0	0	E	SVTO		
04	AFS	0535E	1640D	N06	E17	09	5.5		02	9	9	E	SVTO	7274	
04	AFS	0535E	1640D	S01	W09	09	3.6		02	9	9	E	SVTO	7270	
04	AFS	0535E	1640D	S09	W07	09	3.7		02	9	9	E	SVTO	7270	
04	AFS	0535E	1640D	S12	W68	08	30.2		02	9	9	E	SVTO	7272	
04	DSD	0535E	1640D	S16	W70	08	30.0		01	9	9	E	SVTO	7272	Flare Associated

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Day	Event Type	Start (UT)	End (UT)	Lat	CMD	CHP Mo Day	Imp	Extent	Blue Shift (.1 A)	Red Shift (.1 A)	Obs Type	Sta	NOAA/ USAF Reg#	Remarks
04	BSL	0608E	0704D	N34	E90	09 11.4	1				C	ABST		
04	DSD	0620E	1640D	N07	E15	09 5.4		01	9	9	E	SVTO	7274	
04	DSD	0620E	1640D	S10	W08	09 3.7		02	9	9	E	SVTO	7270	
04	AFS	0742E	0950D	N07	E15	09 5.4		04	9	9	E	LEAR	7274	
04	DSD	0743E	0950D	S08	W08	09 3.7		04	9	9	E	LEAR	7270	
04	DSD	0819E	1640D	S09	W09	09 3.7		03	9	9	E	SVTO	7270	Flare Associated
04	AFS	0837E	0950D	N03	W39	09 1.4		02	9	9	E	LEAR		
04	BSL	0845E	0900	S08	W90	08 28.7	1				V	KHAR		
04	DSD	0854E	1640D	N01	W38	09 1.5		01	9	9	E	SVTO		
04	AFS	0854E	1640D	N03	W38	09 1.5		02	9	9	E	SVTO		
04	DSD	0857E	0926D	S06	W12	09 3.5	1				V	KHAR		
04	ADF	1008E	1105	S13	W03	09 4.2	1				V	KHAR		
04	DSD	1019E	1045D	S06	W12	09 3.5	1				V	KHAR		
04	ADF	1340E	0033D	S13	W02	09 4.4	1	06	7	7	E	HOLL	7270	
04	SSB	1342		144	W18	09 7.9			0	0	E	HOLL		186 W60
04	ASR	2026E	2152D	S12	W79	08 30.0		02	9	9	E	RAMY	7272	
04	AFS	2027E	2152D	S09	W17	09 3.6		02	9	9	E	RAMY	7270	
04	ADF	2028E	2152D	S14	W08	09 4.2	1	12	9	9	E	RAMY		
04	DSF	2116U	1136U	N19	E35	09 7.5	2	20	0	0	E	RAMY		
05	AFS	0226E	0346D	S09	W20	09 3.6		03	9	9	E	PALE	7270	
05	DSD	0226E	0346D	S10	W22	09 3.4		03	9	9	E	PALE	7270	
05	ADF	0530E	0830D	S19	W12	09 4.3					V	ATHN		
05	APR	0535E	0840D	S36	E90	09 12.4					V	ATHN		
05	DSD	0537E	1435D	S09	W23	09 3.5		03	9	9	E	SVTO	7270	
05	AFS	0647E	1650D	N05	E02	09 5.4		03	9	9	E	SVTO	7274	
05	ASR	0655E	1650D	S13	W90	08 29.6		01	9	9	E	SVTO	7272	
05	DSD	0710E	1650D	S09	W22	09 3.6		02	9	9	E	SVTO	7270	
05	AFS	0720E	1650D	S10	W16	09 4.1		02	9	9	E	SVTO	7270	
05	SSB	0743		197	W81	09 14.3			0	0	E	SVTO		145 W29
05	AFS	0751E	0853D	S08	W22	09 3.7		03	9	9	E	LEAR	7270	
05	DSD	0751E	0853D	S11	E26	09 7.3		04	9	9	E	LEAR	7270	
05	AFS	0752E	0853D	N06	E02	09 5.5		02	9	9	E	LEAR	7274	
05	ASR	0753E	0853D	S13	W88	08 29.8		03	9	9	E	LEAR	7272	
05	BSD	0810E	0900D	S09	W18	09 4.0					V	ATHN		
05	DSD	0905	0930	S11	W26	09 3.4	1				V	KHAR		
05	ADF	0930E	0945D	S14	W15	09 4.3	1				V	KHAR		
05	BSL	0958	1030	S08	W90	08 29.8	1				V	KHAR		
05	BSL	1042	1052	S08	W90	08 29.8	1				V	KHAR		
05	AFS	1102E	2122D	S08	W25	09 3.6		03	9	9	E	RAMY	7270	
05	DSD	1102E	2122D	S09	W23	09 3.7		03	9	9	E	RAMY	7270	
05	DSD	1102E	2122D	S10	W27	09 3.4		02	9	9	E	RAMY	7270	
05	AFS	1106E	2122D	N06	W01	09 5.4		02	9	9	E	RAMY	7274	
05	AFS	1110E	2122D	S09	W49	09 1.8		02	9	9	E	RAMY		
05	ADF	1111E	1547D	S16	W16	09 4.2	1	13	9	9	E	RAMY		
05	ASR	1115E	2122D	S11	W89	08 29.9		02	9	9	E	RAMY	7272	
05	SSB	1119		117	W03	09 6.7			0	0	E	RAMY		144 W30 185 W71
05	DSD	1302E	0007D	S09	W24	09 3.7		06	9	9	E	HOLL	7270	Flare Associated
05	DSD	1310E	1430D	S10	W23	09 3.8		04	9	9	E	SVTO	7270	Flare Associated
05	AFS	1315E	0007D	S09	W27	09 3.5		02	9	9	E	HOLL	7270	
05	ASR	1330E	0007D	S14	W90	08 29.9		01	9	9	E	HOLL	7272	
05	APR	1330E	0007D	S19	W90	08 29.8	1	02	9	9	E	HOLL		
05	AFS	1331E	0007D	S09	W52	09 1.7		01	9	9	E	HOLL		
05	AFS	1335E	0007D	N06	W03	09 5.3		02	9	9	E	HOLL	7274	
05	AFS	1350E	1650D	S11	W51	09 1.7		02	9	9	E	SVTO		
05	DSD	1435E	1650D	S11	W29	09 3.4		04	9	9	E	SVTO	7270	Flare Associated
05	DSF	1640U	0743U	N12	E21	09 7.3		16	0	0	E	SVTO		
05	AFS	1820E	0341D	S07	W27	09 3.7		03	9	9	E	PALE	7270	
05	ADF	1820E	0341D	S10	W26	09 3.8		05	9	9	E	PALE	7270	
05	DSF	2129U	1724U	N18	W25	09 4.0		08	0	0	E	PALE		
06	ASR	0005E	0844D	N21	E90	09 12.9		08	9	9	E	LEAR		
06	AFS	0006E	0844D	S08	W31	09 3.7		04	9	9	E	LEAR	7270	
06	DSD	0007E	0844D	S11	W36	09 3.3		03	6	9	E	LEAR	7270	
06	ADF	0008E	0844D	S08	W35	09 3.4	1	04	9	9	E	LEAR	7270	
06	DSD	0213E	0232D	S15	W34	09 3.5		04	9	9	E	PALE	7270	Flare Associated
06	DSD	0230E	0844D	S09	W39	09 3.2		08	9	9	E	LEAR	7270	
06	APR	0417E	0701D	N08	E90	09 12.9	1				C	ABST		
06	BSL	0451E	0517D	S29	E90	09 13.2	1				C	ABST		
06	AFS	0620E	1655D	S12	W36	09 3.5		03	9	9	E	SVTO	7270	

ACTIVE PROMINENCES AND FILAMENTS

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Day	Event Type	Start (UT)	End (UT)	Lat	CMD	CMP Mo	Day	Imp	Extent	Blue Shift (.1 A)	Red Shift (.1 A)	Obs Type	Sta	NOAA/ USAF Reg#	Remarks
06	ADF	0625E	1655D	S10	W31	09	3.9	1	06	9	9	E	SVTO	7270	
06	AFS	0625E	1655D	S12	W31	09	3.9		02	9	9	E	SVTO	7270	
06	AFS	0633E	1655D	S11	W60	09	1.7		01	8	8	E	SVTO	7275	
06	AFS	0643E	1655D	N04	W11	09	5.4		02	9	9	E	SVTO	7274	
06	DSD	0738E	1655D	S13	W40	09	3.3		02	9	9	E	SVTO	7270	Flare Associated
06	DSF	0812U	2350U	N17	W26	09	4.4		10	0	0	E	LEAR		
06	APR	0915E	0940D	S02	E90	09	13.1					V	ATHN		
06	ASR	1013E	1655D	N19	E90	09	13.3		07	9	9	E	SVTO		
06	ADF	1109E	1925D	S10	W36	09	3.7	1	03	9	9	E	RAMY	7270	
06	DSD	1235E	1655D	S17	W42	09	3.3		03	9	9	E	SVTO	7270	
06	DSD	1417E	0115D	S12	W44	09	4.3		04	9	9	E	HOLL	7270	
06	DSF	1426U	1658U	N11	W36	09	3.9		08	0	0	E	HOLL		
06	ASR	1430E	0115D	N18	E90	09	14.4		06	9	9	E	HOLL		
06	BSL	1431E	1449	N19	E90	09	13.5		15	9	9	E	SVTO		
06	AFS	1504E	0115D	S10	W41	09	4.5		02	9	9	E	HOLL	7270	
06	ASR	1640E	0246D	N20	E90	09	13.6		11	9	9	E	PALE		
06	AFS	1640E	0246D	S08	W42	09	3.5		04	9	9	E	PALE	7279	
06	DSD	1640E	0246D	S09	W44	09	3.4		07	9	9	E	PALE	7270	
06	AFS	2321E	0951D	S12	W42	09	3.8		04	9	9	E	LEAR	7270	
06	DSD	2321E	0951D	S12	W47	09	3.4		06	9	9	E	LEAR	7270	
06	ASR	2322E	2345D	N14	E90	09	13.8		06	9	9	E	LEAR		
06	BSL	2345E	0150D	N14	E90	09	13.8		24	9	9	E	LEAR		
06	ASR	2345E	0951D	N12	E90	09	13.8		08	9	9	E	LEAR		
06	AFS	2350E	2350D	N17	W26	09	5.0	1	23	0	0	E	LEAR		
07	BSL	0001E	0216D	N17	E90	09	13.8		20	9	9	E	PALE		
07	BSL	0415E	0646D	N18	E90	09	14.0	1				C	ABST		
07	BSL	0455E	0646D	S07	W90	08	31.5	1				C	ABST		
07	ASR	0538E	0541	N17	E90	09	14.1		11	9	9	E	SVTO		
07	BSL	0539	0602	N17	E90	09	14.1		16	9	9	E	LEAR		
07	BSL	0541	0551	N17	E90	09	14.1		15	9	9	E	SVTO		
07	ADF	0600E	1211D	S11	W54	09	3.2	1	04	9	9	E	SVTO	7270	
07	AFS	0600E	1211D	S12	W44	09	3.9		03	9	9	E	SVTO	7270	
07	DSD	0600E	1211D	S14	W54	09	3.2		03	9	9	E	SVTO	7270	
07	BSL	0855	0919	N17	E90	09	14.2		18	9	9	E	LEAR		
07	AFS	1015E	1211D	N05	W27	09	5.4		03	9	9	E	SVTO	7274	
07	DSD	1025E	1211D	S12	W56	09	3.2		08	9	9	E	SVTO	7270	Flare Associated
07	ASR	1029E	1045	N19	E90	09	14.3		06	9	9	E	SVTO		
07	BSL	1045	1100	N18	E90	09	14.3		17	9	9	E	SVTO		
07	ASR	1050E	2040D	N17	E90	09	14.3		08	9	9	E	RAMY		
07	ASR	1100	1211D	N18	E90	09	14.3		04	9	9	E	SVTO		
07	DSD	1102E	2041D	S10	W57	09	3.2		02	9	9	E	RAMY	7270	
07	DSD	1102E	2041D	S12	W53	09	3.5		01	9	9	E	RAMY	7270	
07	DSD	1102E	2041D	S12	W56	09	3.2		03	9	9	E	RAMY	7270	
07	AFS	1105E	2041D	S09	W50	09	3.7		02	9	9	E	RAMY	7270	
07	AFS	1106E	2041D	S09	W54	09	3.4		01	9	9	E	RAMY	7270	
07	APR	1301E	0105D	N18	E90	09	14.4	1	05	7	8	E	HOLL		
07	AFS	1301E	0105D	S09	W48	09	3.9		02	9	9	E	HOLL	7270	
07	DSD	1301E	0105D	S12	W57	09	3.2		19	9	9	E	HOLL	7270	
07	APR	1329E	2041D	N15	E90	09	14.4	1	03	9	9	E	RAMY		
07	AFS	1523E	0115D	N07	W15	09	6.5		02	7	7	E	HOLL	7274	
07	ADF	1742E	2041D	S10	W59	09	3.3	1	04	9	9	E	RAMY	7270	
07	SSB	1745		101	W17	09	7.8			0	0	E	PALE		
07	BSD	1745E	0107D	N11	E85	09	14.1		03	9	9	E	PALE	7276	
07	ADF	1745E	0107D	S11	W19	09	6.3	1	05	9	9	E	PALE		
07	AFS	1745E	0107D	S11	W57	09	3.4		03	9	9	E	PALE	7270	
07	DSD	1745E	0107D	S14	W59	09	3.3		03	9	9	E	PALE	7270	
07	APR	1806E	0107D	N90	E17	09	9.3	1	03	9	9	E	PALE	7276	
07	AFS	2258E	0955D	S10	W57	09	3.7		05	9	9	E	LEAR	7270	
07	DSD	2258E	0955D	S11	W65	09	3.1		10	9	9	E	LEAR	7270	
07	BSD	2330E	0215D	S13	W64	09	3.1		05	9	9	E	LEAR	7270	
07	AFS	2332E	0955D	N13	E76	09	13.7		03	9	9	E	LEAR	7276	
07	ASR	2332E	0955D	N15	E83	09	14.3		04	9	9	E	LEAR	7276	
07	BSL	2350E	0115D	N20	E90	09	14.9		24	9	9	E	HOLL		
08	APR	0020E	0955D	N18	E85	09	14.5	1	08	9	9	E	LEAR	7276	
08	APR	0126E	0200D	N21	W90	09	1.1	1				C	VORO		
08	APR	0126E	0200D	S04	W90	09	1.3	1				C	VORO		
08	ADF	0131E	0153D	S25	W25	09	6.1	1				C	VORO		
08	AFS	1210E	1845D	S09	W67	09	3.5		01	8	8	E	RAMY	7270	

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Day	Event Type	Start (UT)	End (UT)	Lat	CMD	CMP Mo Day	Imp	Extent	Blue Shift (.1 A)	Red Shift (.1 A)	Obs Type	Sta	NOAA/ USAF Reg#	Remarks
08	DSD	1210E	1845D	S09	W70	09 3.2		05	9	7	E	RAMY	7270	
08	ADF	1730E	0152D	N13	E71	09 14.1		08	9	9	E	PALE	7276	
08	ADF	1730E	0152D	N15	E73	09 14.2		05	9	9	E	PALE	7276	
08	DSD	1733E	0000	S14	W71	09 3.4		03	9	9	E	PALE	7270	
08	DSD	1733E	0152D	S14	W71	09 3.4		03	9	9	E	PALE	7270	
08	ADF	1804E	1845D	N12	E67	09 13.8	1	09	9	9	E	RAMY	7276	
08	DSD	2003E	0152D	S11	E36	09 11.5		02	9	9	E	PALE		
08	AFS	2229E	0152D	S10	E33	09 11.4		02	9	9	E	PALE	7277	
08	AFS	2229E	0152D	S11	W71	09 3.6		03	9	9	E	PALE	7270	
08	AFS	2237E	0152D	N12	E28	09 11.0		02	9	9	E	PALE		
08	APR	2300E	0200D	N18	W90	09 2.1	1				C	VORO		
08	APR	2300E	0200D	N23	W90	09 2.0	1				C	VORO		
08	ADF	2325E	0015D	S14	E59	09 13.4	1	08	9	9	E	HOLL	7276	
08	SSB	2335		144	W76	09 13.0			0	0	E	HOLL		
08	AFS	2340E	0954D	S11	E32	09 11.4		02	9	9	E	LEAR	7277	
08	AFS	2341E	0954D	N10	E26	09 10.9		02	9	9	E	LEAR		
08	ADF	2342E	0954D	N11	E62	09 13.6	1	09	9	9	E	LEAR	7276	
09	ASR	0620E	0954D	S14	W90	09 2.5		04	9	9	E	LEAR	7270	
09	AFS	0812E	0944D	S06	E75	09 14.9		02	9	9	E	LEAR		
09	ASR	1132E	2203D	S10	W86	09 3.0		03	9	9	E	RAMY	7270	
09	SSB	1135		443	W22	09 6.2			0	0	E	RAMY		117 W56 137 W76
09	ADF	1205E	2203D	N21	E69	09 14.8	1	11	9	9	E	RAMY	7276	
09	ADF	1325E	0028D	N21	E65	09 14.5	1	09	9	9	E	HOLL	7276	
09	ASR	1325E	0028D	S10	W88	09 2.9		03	9	9	E	HOLL	7270	
09	SSB	1335		434	W14	09 7.0			0	0	E	HOLL		
09	ASR	1656E	0358D	S14	W90	09 2.9		03	9	9	E	PALE	7270	
09	ADF	1743E	0358D	N11	E59	09 14.2		09	9	9	E	PALE	7276	
09	ADF	1743E	0358D	N21	E67	09 14.9		11	9	9	E	PALE	7276	
09	DSD	1805E	0358D	S11	E24	09 11.5		03	9	9	E	PALE	7277	
09	APR	2227E	0200D	S06	W90	09 3.2	1				C	VORO		
09	ADF	2228E	0158D	S35	W12	09 9.0	1				C	VORO		
09	ASR	2335E	0945D	S10	W90	09 3.2		02	9	9	E	LEAR	7270	
09	AFS	2336E	0945D	S10	E19	09 11.4		01	9	9	E	LEAR	7277	
09	BSL	2336	2350	N12	W87	09 3.4	1				C	VORO		
09	AFS	2337E	0945D	N10	E12	09 10.9		02	9	9	E	LEAR	7278	
09	ADF	2338E	0945D	N11	E56	09 14.2	1	09	9	9	E	LEAR	7276	
10	ADF	1122E	1850D	N18	E50	09 14.3	1	05	9	9	E	RAMY	7276	
10	APR	1131E	1647D	S01	E90	09 17.2	1	06	9	9	E	RAMY		
10	SSB	1217		114	W67	09 11.8			0	0	E	RAMY		
10	SSB	1355		114	W67	09 11.8			0	0	E	HOLL		
10	ASR	1355E	0111D	S10	W90	09 3.8		01	7	7	E	HOLL	7270	
10	ADF	1655E	0111D	S10	E45	09 14.1	1	13	9	9	E	HOLL	7272	Flare Associated
10	ADF	1730E	2312D	N11	E44	09 14.0		05	9	9	E	PALE	7276	
10	ADF	1951E	2312D	S08	E61	09 15.4		03	9	9	E	PALE	7279	
10	ASR	2009E	2057D	S07	W90	09 4.1		03	9	9	E	PALE		
10	DSF	2235U	1313U	S25	W16	09 9.7		09	0	0	E	HOLL		
10	ADF	2243E	2338D	S20	W11	09 10.1	1				C	VORO		
10	APR	2315E	2330D	S16	W90	09 4.1	1				C	VORO		
11	BSL	0018	0028	S01	W90	09 4.3		25	9	9	E	HOLL		
11	ADF	1402E	2205D	N11	E33	09 14.1	1	05	9	9	E	HOLL	7276	
11	APR	1402E	2205D	S18	W77	09 5.7	1	03	9	9	E	HOLL		
11	ASR	1435E	2205D	S17	E75	09 17.3		01	5	5	E	HOLL	7271	
11	ADF	1454E	1831D	N11	E32	09 14.0	1	06	9	9	E	RAMY	7276	
11	AFS	1454E	1831D	N19	E33	09 14.1		02	9	9	E	RAMY	7276	
11	ASR	1457E	1831D	S16	E83	09 17.9		02	9	9	E	RAMY	7280	
11	APR	2300E	0200D	S15	W90	09 5.1	1				C	VORO		
11	APR	2300E	0200D	S21	W90	09 5.0	1				C	VORO		
12	AFS	0728E	1622D	N10	W36	09 9.6		01	9	9	E	SVTO		
12	DSD	0728E	1622D	N15	E22	09 14.0		02	7	9	E	SVTO	7276	
12	ADF	0729E	1622D	S10	E60	09 16.8	1	03	9	9	E	SVTO	7280	
12	AFS	0753E	0955D	S19	W09	09 11.6		03	6	8	E	LEAR		
12	AFS	0801E	1622D	S19	W09	09 11.6		02	5	6	E	SVTO		
12	ADF	1119E	2103D	N28	E30	09 14.8	1	11	7	6	E	RAMY	7276	
12	DSD	1127E	2103D	N17	E23	09 14.2		01	9	9	E	RAMY	7276	
12	DSD	1147E	1622D	N09	W38	09 9.6		02	9	9	E	SVTO		
12	SSB	1200		387	W05	09 6.0			0	0	E	RAMY		437 W55 446 W64

ACTIVE PROMINENCES AND FILAMENTS

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Day	Event Type	Start (UT)	End (UT)	Lat	CMD	CMP Mo Day	Imp	Extent	Blue Shift (.1 A)	Red Shift (.1 A)	Obs Type	Sta	NOAA/ USAF Reg#	Remarks
12	AFS	1234E	1622D	N18	E22	09 14.2		02	9	9	E	SVTO	7276	
12	ADF	1315E	0051D	N11	E19	09 14.0	1	04	9	9	E	HOLL	7276	
12	DSD	1315E	0051D	N16	E21	09 14.1		03	9	9	E	HOLL	7276	
12	AFS	1315E	0051D	N19	E23	09 14.3		02	9	9	E	HOLL	7276	
12	AFS	1315E	0051D	S16	W14	09 11.5		02	9	9	E	HOLL		
12	AFS	1315E	2014D	N14	W37	09 9.7		01	9	7	E	HOLL		
12	DSD	1343	2014D	N01	W20	09 11.1		02	9	9	E	HOLL		
12	AFS	1411E	1622D	S03	W19	09 11.2		01	9	9	E	SVTO		
12	AFS	1520E	2103D	N11	E41	09 15.7		02	8	8	E	RAMY	7281	
12	AFS	1520E	2103D	S15	E63	09 17.4		02	9	9	E	RAMY	7280	
12	AFS	1525E	1645D	N00	W21	09 11.1		02	7	7	E	RAMY		
12	AFS	1652E	2103D	S17	W16	09 11.5		02	9	9	E	RAMY	7282	
12	AFS	2325E	0814D	S18	W20	09 11.4		03	7	7	E	LEAR	7282	
13	AFS	0310E	0814D	N10	W48	09 9.5		02	6	6	E	LEAR	7181	
13	AFS	0549E	1615D	S17	W22	09 11.6		02	9	9	E	SVTO	7282	
13	ADF	0552E	1615D	N11	E10	09 14.0	1	04	9	7	E	SVTO	7276	
13	AFS	0552E	1615D	N18	E13	09 14.2		02	9	9	E	SVTO	7276	
13	AFS	0636E	1615D	S03	W29	09 11.1		01	9	9	E	SVTO		
13	BSD	0913E	1615D	S15	E60	09 17.9		02	9	9	E	SVTO		
13	SSB	0924		387	W17	09 6.8			0	0	E	SVTO		
13	APR	1136E	1615D	S30	E90	09 20.6	1	13	7	7	E	SVTO		
13	ASR	1209E	1615D	N08	E90	09 20.2		04	9	9	E	SVTO		
13	APR	1209E	1615D	N12	W90	09 6.7	1	03	7	7	E	SVTO		
13	AFS	1227E	1759D	N12	W55	09 9.4		01	7	7	E	RAMY	7281	
13	DSF	1231U	1730U	S35	E26	09 15.6	2	05	0	0	E	RAMY		
13	AFS	1235E	1759D	S18	W25	09 11.6		02	9	9	E	RAMY	7282	
13	DSD	1235E	1759D	S19	W23	09 11.8		01	9	9	E	RAMY	7282	
13	DSD	1236E	1759D	S18	W23	09 11.8		01	9	9	E	RAMY	7282	
13	AFS	1240E	1732D	N13	E08	09 14.1		01	6	7	E	RAMY	7276	
13	SSB	1450		388	W21	09 6.9			0	0	E	HOLL		
13	ADF	1455E	0045D	N12	E07	09 14.1	1	08	9	9	E	HOLL	7276	
13	AFS	1455E	0045D	N13	W55	09 9.5		02	9	9	E	HOLL	7281	
13	DSD	1455E	0045D	N13	W58	09 9.2		02	9	9	E	HOLL	7281	
13	AFS	1455E	0045D	N17	E08	09 14.2		02	9	9	E	HOLL	7276	
13	AFS	1455E	0045D	S17	W24	09 11.8		03	9	9	E	HOLL	7282	
13	SSB	1718		386	W22	09 7.1			0	0	E	RAMY		436 W72
13	AFS	1730E	1759D	N18	E07	09 14.3		02	9	9	E	RAMY	7276	
13	ADF	1731E	0416D	N16	E04	09 14.0	1	05	9	9	E	PALE	7276	
13	AFS	1732E	1759D	N08	E07	09 14.2		01	9	9	E	RAMY	7276	
13	ADF	1759E	1759D	N14	E03	09 14.0	1	05	9	9	E	RAMY	7276	
13	SSB	1940		388	W24	09 7.0			0	0	E	PALE		401 W37
13	ADF	1940E	0416D	N23	E12	09 14.7	1	09	9	9	E	PALE	7276	
13	DSD	1940E	0416D	S20	W29	09 11.6		03	9	9	E	PALE	7282	
14	AFS	0133E	0729D	N16	E01	09 14.1		03	5	6	E	LEAR	7276	
14	AFS	0135E	0729D	S20	W32	09 11.6		03	5	5	E	LEAR	7282	
14	AFS	0541E	1610D	N11	W14	09 13.2		02	9	9	E	SVTO	7281	
14	APR	0545E	1610D	S31	E90	09 21.3		09	9	9	E	SVTO		
14	DSD	0555E	1610D	N12	W65	09 9.3		02	9	9	E	SVTO	7281	
14	DSD	0555E	1610D	S17	W36	09 11.5		02	9	9	E	SVTO	7282	
14	AFS	0610E	1610D	N16	W03	09 14.0		08	9	9	E	SVTO	7276	
14	ADF	0825E	1610D	N14	W03	09 14.1	1	03	9	9	E	SVTO	7276	
14	ADF	0825E	1610D	S13	E36	09 17.1	1	02	9	9	E	SVTO	7280	
14	SSB	0829		389	W33	09 7.3			0	0	E	SVTO		
14	DSD	0902E	1610D	S36	W14	09 13.2		02	9	9	E	SVTO	7282	
14	AFS	1123E	1938D	N04	W16	09 13.3		01	9	9	E	RAMY	7276	
14	DSD	1130E	1938D	N12	W69	09 9.3		03	9	9	E	RAMY	7281	
14	BSD	1138E	1713D	N11	W71	09 9.1		05	9	9	E	RAMY	7281	
14	AFS	1138E	1938D	N12	W72	09 9.1		02	9	9	E	RAMY	7281	
14	APR	1212E	1938D	S32	E90	09 21.6	1	12	9	9	E	RAMY		
14	AFS	1231E	1938D	S19	W38	09 11.6		01	9	9	E	RAMY	7282	
14	SSB	1425		390	W36	09 7.4			0	0	E	RAMY		
14	DSD	1448	1610D	N17	W06	09 14.2		03	9	9	E	SVTO	7276	Flare Associated
14	ADF	1515E	1938D	N11	W03	09 14.4		04	8	7	E	RAMY	7276	
14	APR	1900E	0347D	S31	E90	09 21.9	2	12	8	8	E	PALE		
14	DSD	2100E	2338D	N14	W74	09 9.3		02	9	9	E	HOLL	7281	
14	AFS	2100E	2338D	N17	W08	09 14.3		02	9	9	E	HOLL	7276	
14	AFS	2100E	2338D	S16	W46	09 11.4		02	9	9	E	HOLL	7282	
14	SSB	2105		391	W41	09 7.4			0	0	E	HOLL		

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Day	Event Type	Start (UT)	End (UT)	Lat CMD	CMP Mo Day	Imp	Extent	Blue Shift (.1 A)	Red Shift (.1 A)	Obs Type	Sta	NOAA/ USAF Reg#	Remarks
14	DSD	2115	2338D	N20 W10	09 14.1		05	9	9	E	HOLL	7276	Flare Associated
14	ADF	2115E	0347D	N12 W15	09 13.7	2	07	9	9	E	PALE	7276	
14	DSD	2115E	0347D	N14 W11	09 14.0		02	9	9	E	PALE	7276	
14	ADF	2115E	0347D	N18 W07	09 14.3	2	10	9	9	E	PALE	7276	
14	ADF	2117E	0347D	S14 E27	09 16.9	2	02	9	9	E	PALE	7280	
14	DSD	2117E	0347D	S15 E30	09 17.1		02	9	9	E	PALE	7280	
14	ADF	2117E	0347D	S19 E36	09 17.6	1	03	9	9	E	PALE	7280	
14	BSD	2119E	0347D	N09 W76	09 9.2		03	9	9	E	PALE	7281	
14	AFS	2119E	0347D	S17 W40	09 11.8		02	9	9	E	PALE	7282	
14	SSB	2131		392 W42	09 7.3			0	0	E	PALE		
14	DSF	2336U	1619U	N17 W04	09 14.7		14	0	0	E	HOLL		
15	SSB	0000		390 W42	09 7.6			0	0	E	LEAR		
15	AFS	0001E	0315D	N10 W76	09 9.3		02	9	9	E	LEAR	7281	
15	AFS	0002E	0315D	S02 W07	09 14.5		02	9	9	E	LEAR		
15	ASR	0210E	0250D	N88 W17	09 13.5		09	9	9	E	PALE	7281	
15	BSD	0215E	0224	N74 W12	09 14.0		09	9	9	E	LEAR	7281	
15	BSL	0700E	0815	N13 W90	09 8.5	1				P	BUCA		
15	ASR	0915E	0941D	N11 W82	09 9.2		07	9	9	E	SVTO	7281	
15	ADF	0933E	1605D	N11 W82	09 9.2	1	04	9	9	E	SVTO	7276	
15	ASR	1056E	2107D	S19 E90	09 22.3		07	9	9	E	RAMY	7283	
15	AFS	1103E	1636D	S16 E71	09 20.8		02	9	9	E	RAMY	7283	
15	ADF	1110E	2124D	N12 W17	09 14.2	1	09	9	9	E	RAMY	7276	
15	SSB	1123		356 W14	09 11.2			0	0	E	RAMY		367 W25 389 W47
15	ASR	1321E	1605D	N09 W90	09 8.8		01	9	9	E	SVTO	7281	
15	AFS	1615E	2301D	N10 E14	09 16.7		02	9	9	E	HOLL		
15	ASR	1848E	2301D	N14 W85	09 9.3		05	9	9	E	HOLL	7281	
15	AFS	1848E	2301D	N17 W22	09 14.1		02	9	9	E	HOLL	7276	
15	AFS	2245E	0218D	N17 W24	09 14.1		03	9	9	E	PALE	7276	
15	APR	2321E	2330D	N44 W90	09 8.5	1				C	VORO		
16	APR	0021E	0200D	N11 W90	09 9.2	1				C	VORO		
16	APR	0021E	0200D	N28 W90	09 9.0	1				C	VORO		
16	AFS	0630E	1619D	N16 W28	09 14.1		04	9	9	E	SVTO	7276	
16	APR	0700E	0805D	N13 W90	09 9.5					V	ATHN		
16	BSL	0750E	0811D	N10 W90	09 9.6		16	9	9	E	SVTO	7278	
16	ASR	0829E	1619D	N10 W90	09 9.6		01	9	9	E	SVTO	7278	
16	ADF	1036E	1619D	N11 E03	09 16.7	1	06	9	9	E	SVTO	7284	
16	SSB	1432		399 W72	09 7.6			0	0	E	HOLL		
16	AFS	1624E	1705D	N15 W34	09 14.1		02	9	9	E	RAMY	7276	
16	ADF	1632E	1705D	S11 E58	09 21.0	1	03	9	9	E	RAMY	7283	
16	SSB	1658		329 W03	09 14.5			0	0	E	RAMY		347 W21 357 W31
16	APR	2234E	0200D	N07 E90	09 23.7	1				C	VORO		
16	ADF	2234E	0200D	N13 W70	09 11.6	1				C	VORO		
16	APR	2234E	0200D	N30 W90	09 9.9	1				C	VORO		
16	AFS	2333E	0936D	N16 W39	09 14.0		04	9	9	E	LEAR	7276	
16	ADF	2334E	0936D	N16 W39	09 14.0	1	06	9	9	E	LEAR	7283	
16	ADF	2340E	0936D	N10 W05	09 16.6	1	04	9	9	E	LEAR	7284	
17	DSF	0100U	0030U	N27 E52	09 21.1		18	0	0	E	LEAR		
17	DSF	0100U	0030U	S03 E58	09 21.4		10	0	0	E	LEAR		
17	ASR	0212E	0953D	S17 W90	09 11.2		09	9	9	E	LEAR	7282	
17	AFS	0245E	0936D	S08 E56	09 21.3		03	9	9	E	LEAR		
17	DSD	0246E	0936D	S08 E57	09 21.4		03	9	9	E	LEAR		
17	DSF	0609U	0947U	N02 E52	09 21.1	2	05	0	0	E	SVTO		
17	AFS	0638E	1632D	N14 W40	09 14.2		03	9	9	E	SVTO	7276	
17	ADF	0728E	1632D	N11 W07	09 16.8	1	05	9	9	E	SVTO	7284	
17	DSD	0826E	1310D	S13 W04	09 17.0		01	9	9	E	SVTO	7280	
17	DSD	0832E	1632D	S06 E54	09 21.4		02	9	9	E	SVTO		
17	AFS	0832E	1632D	S07 E55	09 21.5		02	9	9	E	SVTO		
17	AFS	1135E	1703D	N16 W43	09 14.2		01	9	9	E	RAMY	7276	
17	AFS	1140E	1703D	S08 E52	09 21.4		01	9	9	E	RAMY	7285	
17	AFS	1318E	0030D	N18 W45	09 14.1		04	9	9	E	HOLL	7276	
17	ASR	1322E	1703D	S22 W90	09 10.6		04	9	9	E	RAMY	7282	
17	SSB	1324		389 W75	09 9.4			0	0	E	HOLL		
17	AFS	1350E	0030D	S08 E50	09 21.3		01	9	9	E	HOLL		
17	ASR	1522E	1552D	S22 W90	09 10.7		02	9	9	E	SVTO	7282	
17	AFS	1815E	0403D	N15 W50	09 14.0		03	9	9	E	PALE	7276	
17	ASR	1821E	0403D	S21 W90	09 10.9		03	9	9	E	PALE	7282	
17	ASR	2000E	0030D	S17 W88	09 11.1		08	6	9	E	HOLL	7282	

ACTIVE PROMINENCES AND FILAMENTS

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SEPTEMBER 1992

Day	Event Type	Start (UT)	End (UT)	Lat	CMD	CHP Mo Day	Imp	Extent	Blue Shift (.1 A)	Red Shift (.1 A)	Obs Type	Sta	NOAA/USAF Reg#	Remarks
17	DSD	2109E	2156D	N16	W50	09 14.1		04	9	9	E	HOLL	7276	Flare Associated
17	EPL	2300E	2319	S17	W90	09 11.1	1				C	VORO		
18	AFS	0001E	0953D	N15	W52	09 14.1		04	9	9	E	LEAR	7276	
18	AFS	0003E	0953D	S08	E47	09 21.5		04	9	9	E	LEAR	7285	
18	DSF	0100U	0030U	S03	E58	09 22.4		10	0	0	E	LEAR		
18	APR	0602E	1620D	N11	W90	09 11.5		12	9	9	E	SVTO		
18	ASR	0631E	0700D	S25	W90	09 11.3		03	9	9	E	SVTO	7282	
18	DSD	0710E	1620D	N07	W51	09 14.5		02	9	9	E	SVTO	7276	
18	ASR	0713	1620D	S24	W40	09 15.2		02	9	9	E	SVTO	7282	
18	AFS	0855E	1620D	S11	E10	09 19.1		02	9	9	E	SVTO		
18	AFS	1020E	1620D	N13	W55	09 14.3		03	9	9	E	SVTO	7276	
18	AFS	1100E	1819D	N13	E09	09 19.1		02	9	9	E	RAMY	7286	
18	DSD	1100E	1819D	N14	E09	09 19.1		02	9	9	E	RAMY	7286	
18	ADF	1102E	1819D	N16	W56	09 14.2	1	04	9	9	E	RAMY	7276	
18	DSD	1104E	1730D	S15	W21	09 16.9		01	9	9	E	RAMY	7280	
18	SSB	1130		S27	W25	09 16.4			0	0	E	RAMY		355 W53
18	SSB	1426		S46	W45	09 14.8			0	0	E	HOLL		
18	DSD	1530E	1853D	N16	W65	09 13.7		02	9	9	E	HOLL	7276	
18	DSD	1530E	1853D	S16	E34	09 21.2		02	9	9	E	HOLL	7283	
18	AFS	1645E	0017D	N13	E06	09 19.1		02	9	9	E	HOLL		
18	AFS	1724E	0253D	N15	W62	09 14.0		02	8	8	E	PALE	7276	
18	AFS	1728E	0253D	S07	E37	09 21.5		02	8	8	E	PALE	7285	
18	APR	1730E	0253D	N08	W90	09 12.0		12	7	7	E	PALE		
18	SSB	2039		S23	W26	09 17.1			0	0	E	PALE		
18	AFS	2307E	0953D	N15	W65	09 14.0		03	6	6	E	LEAR	7276	
18	AFS	2309E	0953D	N12	E02	09 19.1		02	4	4	E	LEAR	7286	
18	DSD	2335E	0253D	N14	E01	09 19.0		02	9	8	E	PALE	7286	
19	APR	0445E	0646D	N10	W90	09 12.4	1				C	ABST		
19	APR	0545E	0640D	N06	W90	09 12.5					V	ATHN		
19	AFS	0622E	1620D	S09	E32	09 21.7		01	9	9	E	SVTO	7285	
19	APR	0645E	1620D	N00	W90	09 12.5	1	21	6	6	E	SVTO		
19	ADF	0710E	1620D	N07	W62	09 14.6	1	10	9	9	E	SVTO	7276	
19	ADF	0712E	1620D	N07	W31	09 17.0	1	02	9	9	E	SVTO	7284	
19	DSD	0757E	1620D	S10	E27	09 21.4		03	9	9	E	SVTO	7285	
19	AFS	0757E	1620D	S10	E30	09 21.6		02	9	9	E	SVTO	7285	
19	AFS	1100E	1851D	N17	W66	09 14.4		02	9	9	E	RAMY	7276	
19	AFS	1229E	1851D	N07	E21	09 21.1		01	9	9	E	RAMY		
19	SSB	1242		S56	W67	09 14.5			0	0	E	RAMY		
19	ADF	1647E	1851D	N10	W41	09 16.6	1	04	9	9	E	RAMY	7284	
19	SSB	1750		S16	W30	09 18.5			0	0	E	HOLL		
19	APR	1805E	2053D	N06	W90	09 13.0	1	08	9	9	E	PALE	7276	
19	DSD	1805E	2053D	N15	W70	09 14.4		04	9	9	E	PALE	7276	
19	DSD	1805E	2053D	S16	E18	09 21.1		06	9	9	E	PALE	7283	
19	DSD	1806E	2053D	N08	W38	09 16.9		01	9	9	E	PALE	7284	
19	DSD	1806E	2053D	S08	E23	09 21.5		03	9	9	E	PALE	7285	
19	APR	1810E	2053D	N01	W90	09 13.0	1	24	8	7	E	HOLL		
19	ADF	1810E	2053D	S07	E24	09 21.5	1	03	9	9	E	PALE	7285	
19	DSD	1810E	2053D	S19	E38	09 22.6		02	9	9	E	PALE		
19	SSB	1819		S48	W62	09 15.5			0	0	E	PALE		316 W30
19	APR	1824E	2053D	S01	W90	09 13.0	1	24	8	6	E	PALE		
19	AFS	2006E	2053D	N07	E16	09 21.0		01	8	8	E	HOLL		
19	AFS	2006E	2053D	S08	E21	09 21.4		02	9	9	E	HOLL	7285	
19	APR	2230E	0159D	N10	W90	09 13.2	1				C	VORO		
19	APR	2230E	0159D	N24	W90	09 13.0	1				C	VORO		
19	APR	2230E	0159D	N39	W90	09 12.6	1				C	VORO		
19	AFS	2357E	0955D	N04	E17	09 21.3		03	6	6	E	LEAR		
20	ADF	0000E	0955D	N06	W31	09 17.7	1	04	7	8	E	LEAR	7284	
20	ASR	0005E	0250D	N10	W69	09 14.8		05	6	5	E	LEAR	7276	
20	AFS	0536E	1520D	N04	E13	09 21.2		02	9	9	E	SVTO	7287	
20	AFS	0549E	1520D	S18	E30	09 22.5		03	7	6	E	SVTO	7288	
20	ASR	0600E	1520D	N12	W90	09 13.5		02	9	9	E	SVTO	7276	
20	AFS	0615E	1520D	S09	E18	09 21.6		03	9	9	E	SVTO	7285	
20	AFS	0901E	1520D	N12	W15	09 19.2		02	9	9	E	SVTO	7286	
20	ASR	1306E	2203D	N14	W90	09 13.7		02	7	8	E	RAMY	7276	
20	AFS	1314E	2203D	N17	E10	09 21.3		01	9	9	E	RAMY		
20	AFS	1319E	1520D	N17	E10	09 21.3		02	9	9	E	SVTO		
20	AFS	1330E	2203D	S08	E11	09 21.4		01	9	9	E	RAMY	7285	

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Day	Event Type	Start (UT)	End (UT)	Lat	CMD	CMP Mo Day	Imp	Extent	Blue Shift (.1 A)	Red Shift (.1 A)	Obs Type	Sta	NOAA/ USAF Reg#	Remarks
20	AFS	1334E	2203D	N13	W18	09 19.2		01	9	9	E	RAMY	7286	
20	DSD	1658E	2137D	N11	W54	09 16.6		02	9	9	E	PALE	7284	
20	ASR	1658E	2137D	N13	W90	09 13.9		02	9	9	E	PALE	7276	
20	AFS	1800E	2137D	S05	E03	09 21.0		02	9	9	E	PALE	7285	
20	DSD	1800E	2137D	S14	E07	09 21.3		02	9	9	E	PALE	7283	
20	AFS	1800E	2137D	S14	W46	09 17.3		02	9	9	E	PALE	7280	
20	DSD	1801E	2137D	N08	E05	09 21.1		01	9	9	E	PALE	7287	
20	AFS	1801E	2137D	N12	W22	09 19.1		02	8	8	E	PALE	7286	
20	AFS	1801E	2137D	S26	E21	09 22.4		01	8	8	E	PALE	7288	
20	ADF	1802E	2137D	S12	E77	09 26.5	1	03	9	9	E	PALE	7289	
20	DSD	1802E	2137D	S21	E20	09 22.3		01	8	8	E	PALE	7288	
20	SSB	1810		320	W48	09 19.1			0	0	E	PALE		
20	DSD	1858E	0050D	S13	W51	09 16.9		03	7	7	E	HOLL	7280	
20	DSD	1858E	0050D	S21	E28	09 22.9		02	7	7	E	HOLL	7288	
20	ASR	1902	0050D	S15	E90	09 27.6		10	9	9	E	HOLL	7289	
20	ASR	1918	0050D	N18	W84	09 14.4		03	9	9	E	HOLL	7276	
20	SSB	1957		326	W55	09 18.6			0	0	E	RAMY		
20	AFS	2010E	2203D	S09	W71	09 15.5		02	9	9	E	RAMY	7289	
20	AFS	2025E	2203D	S16	E19	09 22.3		01	9	9	E	RAMY	7288	
20	DSD	2026E	2203D	S17	E21	09 22.4		02	9	9	E	RAMY	7288	
20	AFS	2029E	2203D	N06	E03	09 21.1		01	9	9	E	RAMY	7287	
20	ADF	2043E	2203D	N10	W57	09 16.6	1	06	9	9	E	RAMY	7284	
20	AFS	2134E	0050D	S17	E18	09 22.3		02	9	9	E	HOLL	7288	
20	SSB	2303		322	W52	09 19.1			0	0	E	HOLL		
20	DSD	2330E	0515D	N07	E02	09 21.1		02	9	9	E	LEAR	7287	
20	AFS	2331E	0955D	S16	E18	09 22.3		03	9	9	E	LEAR	7288	
20	AFS	2332E	0955D	S17	E18	09 22.3		03	9	9	E	LEAR	7288	
21	DSD	0835E	0955D	N07	W05	09 21.0		02	9	9	E	LEAR	7283	
21	ASR	0902E	0955D	S14	E90	09 28.2		03	8	7	E	LEAR		
21	ASR	0918E	1208D	S15	E90	09 28.2		02	9	9	E	SVTO		
21	SSB	1428		262	W01	09 26.2			0	0	E	HOLL		
21	AFS	1428E	1550D	N07	W07	09 21.1		02	9	9	E	SVTO	7287	
21	AFS	1428E	1550D	S08	E03	09 21.8		03	9	9	E	SVTO	7285	
21	AFS	1428E	1550D	S17	E10	09 22.4		03	9	9	E	SVTO	7288	
21	AFS	1517E	0054D	N08	W08	09 21.0		01	9	9	E	HOLL	7287	
21	DSD	1517E	1830D	N07	W09	09 21.0		01	9	9	E	HOLL	7287	
21	DSD	1617E	1854D	S15	E58	09 26.1		04	9	9	E	HOLL	7289	
21	ADF	1720E	0428D	S10	E55	09 25.8		04	9	9	E	PALE	7289	
21	AFS	1725E	0428D	S17	E08	09 22.3		04	9	9	E	PALE	7288	
21	ADF	1728E	0428D	S03	W13	09 20.7		03	9	9	E	PALE	7283	
21	DSD	1858E	0050D	S21	E28	09 23.9		02	7	7	E	HOLL	7288	
21	DSD	1900E	2230D	S18	W06	09 21.3		03	9	9	E	HOLL	7283	
21	DSD	1930E	2135D	S04	W20	09 20.3		03	9	9	E	PALE	7283	
21	AFS	2151E	0333D	N07	W11	09 21.1		02	9	9	E	PALE	7287	
21	ADF	2155	2221	S08	E02	09 22.1	1	04	9	9	E	HOLL	7285	Flare Associated
21	DSD	2333E	0450D	S15	E05	09 22.3		02	9	9	E	LEAR	7288	
21	AFS	2333E	0956D	S16	E08	09 22.6		03	9	9	E	LEAR	7288	
21	AFS	2333E	0956D	S18	E05	09 22.4		03	9	9	E	LEAR	7288	
21	AFS	2334E	0956D	N07	W12	09 21.1		02	9	9	E	LEAR	7287	
21	DSF	2359U	1500U	N29	E73	09 27.7		19	0	0	E	HOLL		
22	AFS	0640E	0956D	S06	E23	09 24.0		02	9	9	E	LEAR		
22	SSB	0654		269	W17	09 27.5			0	0	E	SVTO		
22	AFS	0726E	1549D	S17	E02	09 22.5		02	9	9	E	SVTO	7288	
22	ASR	0734E	1325D	S04	E90	09 29.0		02	9	9	E	SVTO		
22	ASR	0734E	1325D	S07	E90	09 29.0		02	9	9	E	SVTO		
22	DSD	0757E	1549D	S07	W13	09 21.3		01	9	9	E	SVTO	7285	
22	AFS	0803E	1549D	N06	W17	09 21.1		02	9	9	E	SVTO	7287	
22	DSD	0808E	1549D	S10	E51	09 26.2		01	9	9	E	SVTO	7289	
22	AFS	0815E	1549D	N17	W13	09 21.3		01	8	7	E	SVTO	7290	
22	AFS	0830E	1549D	S06	E23	09 24.1		02	9	9	E	SVTO		
22	AFS	1122E	2152D	N07	W18	09 21.1		02	9	9	E	RAMY	7287	
22	SSB	1129		268	W18	09 27.6			0	0	E	RAMY		308 W58
22	AFS	1132E	2152D	S18	E01	09 22.5		02	9	9	E	RAMY	7288	
22	ADF	1133E	2152D	S11	E02	09 22.6	1	06	9	9	E	RAMY	7288	
22	SSB	1346		269	W21	09 27.9			0	0	E	HOLL		
22	AFS	1418E	1641D	N08	E32	09 25.0		02	7	7	E	RAMY		
22	DSD	1420E	1705D	S21	E12	09 23.5		01	9	9	E	RAMY		
22	AFS	1424E	0051D	N08	W21	09 21.0		02	9	9	E	HOLL	7287	

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Day	Event Type	Start (UT)	End (UT)	Lat	CMD	CMP Mo	Day	Imp	Extent	Blue Shift (.1 A)	Red Shift (.1 A)	Obs Type	Sta	NOAA/ USAF Reg#	Remarks
22	AFS	1424E	0051D	N21	E69	09	27.9		01	7	3	E	HOLL		
22	ADF	1751E	0427D	S07	W16	09	21.5		03	9	9	E	PALE	7285	
22	AFS	1756E	0427D	S15	W20	09	21.2		02	9	9	E	PALE	7283	
22	ADF	1801E	0427D	S14	W06	09	22.3		02	9	9	E	PALE	7288	
22	AFS	1810E	0427D	S08	E39	09	25.7		02	9	9	E	PALE	7289	
22	AFS	1818E	0427D	S07	E17	09	24.0		02	9	9	E	PALE		
22	ASR	1822E	0427D	S05	E90	09	29.5		02	9	9	E	PALE		
22	ASR	1830E	0051D	S09	E90	09	29.5		02	9	9	E	HOLL		
22	ADF	1832E	0427D	S23	W09	09	22.1		06	9	9	E	PALE		
22	DSF	2314U	1327U	N36	E71	09	28.7		15	0	0	E	HOLL		
22	AFS	2320E	0955D	S06	W15	09	21.8		03	9	9	E	LEAR	7291	
22	DSD	2325E	0315D	S07	E12	09	23.9		03	9	9	E	LEAR	7292	
23	ASR	0330E	0955D	S88	E11	09	24.2		05	7	8	E	LEAR		
23	AFS	0528E	1520D	N06	E18	09	24.6		01	9	9	E	SVTO		
23	AFS	0528E	1520D	S07	E11	09	24.0		03	9	7	E	SVTO	7291	
23	AFS	0548E	1520D	S19	W20	09	21.7		02	9	9	E	SVTO		
23	AFS	0610E	1520D	N07	W27	09	21.2		02	9	9	E	SVTO	7287	
23	AFS	0801E	1520D	S08	E30	09	25.6		02	8	7	E	SVTO	7289	
23	ADF	0805E	0827D	S17	E59	09	27.8	1				V	KHAR		
23	AFS	0815E	1520D	N15	W26	09	21.4		01	9	9	E	SVTO	7290	
23	DSD	0837E	1520D	S07	E79	09	29.3		01	9	9	E	SVTO		
23	DSD	1057E	1421D	S14	W13	09	22.5		01	9	9	E	RAMY	7288	
23	AFS	1107E	2143D	S08	W28	09	21.4		01	8	8	E	RAMY	7285	
23	DSD	1110E	1424D	S08	W36	09	20.8		02	9	9	E	RAMY	7287	
23	AFS	1114E	2143D	S06	E06	09	23.9		02	9	9	E	RAMY	7291	
23	ADF	1122E	1647D	S06	E08	09	24.1	1	02	9	9	E	RAMY	7291	Flare Associated
23	AFS	1340E	0049D	S06	E05	09	23.9		02	9	9	E	HOLL	7291	
23	SSB	1348		271	W36	09	29.3			0	0	E	HOLL		
23	AFS	1427E	2143D	S08	E74	09	29.1		02	9	9	E	RAMY	7293	
23	ADF	1752E	2351D	S08	E31	09	26.1		03	7	7	E	PALE	7289	
23	ADF	1758E	2351D	S19	W21	09	22.1		03	9	6	E	PALE	7288	
23	ADF	1815E	2351D	S05	E04	09	24.0		02	9	9	E	PALE	7291	
24	AFS	0001E	1000D	S14	W34	09	21.4		03	9	9	E	LEAR	7283	
24	AFS	0002E	1000D	N08	E44	09	27.3		03	9	9	E	LEAR	7287	
24	AFS	0003E	1000D	S05	W02	09	23.8		03	9	9	E	LEAR	7291	
24	ADF	0734E	1546D	S12	E24	09	26.1	1	04	9	9	E	SVTO	7289	
24	DSD	1117E	1821D	S18	W25	09	22.6		01	9	9	E	RAMY	7288	
24	AFS	1119E	1821D	S08	E62	09	29.1		02	7	7	E	RAMY	7293	
24	ADF	1122E	1821D	N20	E57	09	28.8	1	03	9	9	E	RAMY	7292	
24	AFS	1125E	1821D	S06	W07	09	23.9		02	6	6	E	RAMY	7291	
24	DSD	1127E	1821D	S16	W42	09	21.3		01	9	9	E	RAMY	7293	
24	DSD	1129E	1821D	N06	W48	09	20.9		03	9	9	E	RAMY	7287	
24	AFS	1129E	1821D	N07	W47	09	20.9		01	9	9	E	RAMY	7287	
24	SSB	1345		272	W50	09	30.7			0	0	E	HOLL		
24	ADF	1403E	1821D	S16	E45	09	28.0	1	03	9	9	E	RAMY		
24	SSB	1745		262	W43	09	29.8			0	0	E	PALE		
24	AFS	1750E	0356D	S11	E13	09	25.7		02	9	9	E	PALE	7289	
24	ADF	1750E	0356D	S16	W30	09	22.5	1	05	9	9	E	PALE	7288	
24	DSD	1800E	0356D	N06	W50	09	21.0		02	9	9	E	PALE	7287	
24	APR	1800E	0356D	S14	E90	10	1.5	1	06	9	9	E	PALE	7294	
24	AFS	2322E	0955D	S34	W17	09	23.6		04	9	9	E	LEAR	7288	
24	BSD	2325E	0500D	S13	E77	09	30.8		07	9	9	E	LEAR	7294	
25	ADF	1223E	1520D	S17	W40	09	22.5	1	06	9	9	E	SVTO	7288	
25	ASR	1342E	0047D	N16	E90	10	2.4		05	9	9	E	HOLL		
25	SSB	1405		222	W14	09	27.2			0	0	E	HOLL		
25	DSD	1631E	0047D	S09	E42	09	28.8		04	9	9	E	HOLL	7293	
25	ADF	1823E	0034D	S10	E09	09	26.4	1	06	9	9	E	PALE	7289	
25	ASR	1845E	0034D	N18	E90	10	2.6		04	9	9	E	PALE		
25	ADF	1930E	2255D	S16	W43	09	22.5	1	03	9	9	E	PALE	7288	
25	SSB	2010		225	W25	09	27.8			0	0	E	PALE		264 W59
25	DSD	2130E	0034D	S06	E43	09	29.1		03	9	9	E	PALE	7293	
25	APR	2310E	0200D	N17	E90	10	2.8	1				C	VORO		
25	APR	2310E	0200D	S29	W90	09	18.9	1				C	VORO		
25	SSB	2318		223	W20	09	27.7			0	0	E	LEAR		
25	AFS	2320E	0735D	S07	E37	09	28.7		02	9	9	E	LEAR	7293	
25	ASR	2321E	0730D	N18	E90	10	2.8		02	9	9	E	LEAR	7295	

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Day	Event Type	Start (UT)	End (UT)	Lat	CMD	CMP Mo Day	Imp	Extent	Blue Shift (.1 A)	Red Shift (.1 A)	Obs Type	Sta	NOAA/ USAF Reg#	Remarks
26	ASR	0537E	1055D	N15	E90	10 3.0		03	9	8	E	SVTO	7295	
26	AFS	0537E	1600D	S06	W04	09 25.9		02	9	9	E	SVTO	7289	
26	DSD	0722E	1600D	S10	W03	09 26.1		02	9	9	E	SVTO	7289	
26	AFS	0730E	1600D	S18	W52	09 22.3		02	9	9	E	SVTO	7288	
26	DSD	0735E	1600D	N07	E78	10 2.1		02	9	9	E	SVTO		
26	ASR	1045E	1600D	S17	W90	09 19.6		03	9	9	E	SVTO		
26	APR	1045E	1600D	S30	W90	09 19.4	1	07	9	9	E	SVTO		
26	APR	1059E	1600D	S20	E90	10 3.3	1	05	7	7	E	SVTO		
26	AFS	1105E	1739D	N05	E73	10 1.9		03	9	9	E	RAMY		
26	ASR	1135E	1429D	N18	E90	10 3.3		03	9	9	E	RAMY	7295	
26	ASR	1140E	1201D	N19	E87	10 3.1		03	9	9	E	SVTO	7295	
26	DSD	1200E	1739D	S10	W06	09 26.0		02	9	9	E	RAMY	7289	
26	SSB	1219		226	W30	09 28.5			0	0	E	RAMY		
26	SSB	1335		225	W29	09 28.5			0	0	E	HOLL		
26	APR	1619E	1739D	S28	W90	09 19.6		08	6	9	E	RAMY		
26	DSD	1700E	0048D	N20	E28	09 28.8		02	9	9	E	HOLL	7292	
26	DSD	1700E	0048D	S09	W10	09 25.9		02	9	9	E	HOLL	7289	
26	SSB	1745		216	W23	09 28.0			0	0	E	PALE		
26	DSD	1755E	0214D	N19	E28	09 28.9		02	9	9	E	PALE	7292	
26	AFS	1755E	0214D	N21	E29	09 29.0		01	9	9	E	PALE	7292	
26	AFS	1755E	0214D	S12	W05	09 26.4		02	9	9	E	PALE	7289	
26	DSD	1800E	0214D	S06	E24	09 28.5		02	9	9	E	PALE	7293	
26	ADF	1800E	0214D	S12	E54	09 30.8	1	02	9	9	E	PALE	7294	
26	DSD	1802E	0214D	N12	E80	10 2.8		07	9	9	E	PALE	7295	
26	APR	1802E	0214D	S23	E90	10 3.7		06	7	9	E	PALE		
26	APR	1802E	0214D	S31	W90	09 19.6		08	7	9	E	PALE		
26	SSB	1936		208	W15	09 27.4			0	0	E	RAMY		266 W73
26	AFS	2215E	0048D	S08	E33	09 29.4		02	9	9	E	HOLL	7293	
26	ADF	2248E	0200D	S11	W29	09 24.8	1				C	VORO		
26	APR	2248E	0200D	S27	W90	09 19.9	1				C	VORO		
26	DSD	2322E	0525D	S06	W42	09 23.8		02	9	9	E	LEAR	7291	
26	SSB	2325		225	W35	09 29.0			0	0	E	LEAR		
27	DSD	0107E	0526D	N13	E69	10 2.2		06	9	9	E	LEAR	7295	
27	ASR	0229E	0949D	N06	W90	09 20.4		03	9	9	E	LEAR	7287	
27	ADF	1055E	1130D	S23	E75	10 3.2	1				V	KHAR		
27	APR	1055E	1130D	S26	E90	10 4.4	1				V	KHAR		
27	SSB	1110		191	W07	10 4.3			0	0	E	RAMY		209 W25 227 W43
27	AFS	1143E	1824D	S08	E16	09 28.7		02	9	9	E	RAMY	7293	
27	SSB	1157		226	W43	09 29.6			0	0	E	SVTO		
27	AFS	1222E	1824D	S05	W51	09 23.7		02	9	9	E	RAMY	7291	
27	SPY	1223E	1223	S20	W90	09 20.6	1				P	VALA		
27	ADF	1230E	1824D	S11	W20	09 26.0	1	03	9	9	E	RAMY	7289	
27	SSB	1330		369	W44	09 21.8			0	0	E	HOLL		
27	AFS	1335E	0045D	S08	E15	09 28.7		02	9	9	E	HOLL	7293	
27	DSD	1335E	1635D	S04	E15	09 28.7		03	9	9	E	HOLL	7293	
27	AFS	1335E	1916D	N05	E59	10 2.0		02	9	9	E	HOLL	7296	
27	DSF	1335U	1330U	N01	E05	09 27.9		09	0	0	E	HOLL		
27	APR	1340E	1544D	S15	E56	10 1.8	1	19	9	9	E	SVTO		
27	ASR	1349E	1442D	N05	W90	09 20.8		01	9	9	E	SVTO	7287	
27	ASR	1349E	1544D	S20	W90	09 20.7		02	9	9	E	SVTO	7283	
27	DSD	1357E	1544D	S06	E11	09 28.4		02	9	9	E	SVTO	7293	
27	DSD	1357E	1544D	S06	E18	09 28.9		02	9	9	E	SVTO	7293	
27	AFS	1357E	1544D	S07	E16	09 28.8		02	9	9	E	SVTO	7293	
27	DSD	1445E	1544D	N07	E61	10 2.2		02	9	9	E	SVTO	7296	
27	DSD	1445E	1544D	N14	E61	10 2.2		02	9	9	E	SVTO	7295	
27	DSD	1445E	1544D	N19	E16	09 28.8		02	9	9	E	SVTO	7292	
27	DSD	1445E	1544D	S07	W50	09 23.9		02	9	9	E	SVTO	7291	
27	ASR	1614E	1740D	N08	W90	09 20.9		02	9	9	E	HOLL	7287	
27	SSB	1800		191	W11	10 4.6			0	0	E	PALE		235 W45
27	DSD	1815E	0318D	N13	E58	10 2.1		01	9	9	E	PALE	7295	
27	DSD	1815E	0318D	S07	E13	09 28.7		02	9	9	E	PALE	7293	
27	AFS	1815E	0318D	S08	E19	09 29.2		02	9	9	E	PALE	7293	
27	ASR	1815E	0318D	S16	W90	09 20.9		02	9	9	E	PALE	7288	
27	DSD	1850E	0318D	N18	E14	09 28.8		02	8	8	E	PALE	7292	
27	AFS	1850E	0318D	N23	E15	09 28.9		01	9	9	E	PALE	7292	
27	DSD	1850E	0318D	S08	W53	09 23.8		02	9	9	E	PALE	7291	
27	DSD	1850E	0318D	S10	E32	09 30.2		01	9	9	E	PALE	7294	
27	DSD	1850E	0318D	S11	W20	09 26.3		01	9	9	E	PALE	7289	

ACTIVE PROMINENCES AND FILAMENTS

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SEPTEMBER 1992

Day	Event Type	Start (UT)	End (UT)	Lat	CMD	CMP Mo	Day	Imp	Extent	Blue Shift (.1 A)	Red Shift (.1 A)	Obs Type	Sta	NOAA/ USAF Reg#	Remarks
27	DSD	1850E	0318D	S11	W24	09	26.0		02	9	9	E	PALE	7289	
27	DSD	2023E	2242D	N14	E57	10	2.1		06	9	9	E	HOLL	7295	Flare Associated
28	SSB	0012		225	W49	09	30.1			0	0	E	LEAR		
28	DSD	0013E	0341D	S06	E06	09	28.4		04	9	9	E	LEAR	7293	
28	AFS	0013E	0341D	S07	E09	09	28.7		04	9	9	E	LEAR	7293	
28	DSD	0014E	0341D	S10	W28	09	25.9		02	9	9	E	LEAR	7289	
28	AFS	0015E	0341D	S07	W56	09	23.8		02	9	9	E	LEAR	7291	
28	AFS	0016E	0341D	N06	E56	10	2.2		02	9	9	E	LEAR	7296	
28	DSD	0017E	0341D	S11	E29	09	30.2		03	9	9	E	LEAR	7294	
28	ADF	0017E	0341D	S17	E47	10	1.6	1	26	9	9	E	LEAR	7294	
28	ADF	0018E	0341D	N07	E54	10	2.0	1	05	9	9	E	LEAR	7296	
28	ASR	0138E	0341D	S17	W90	09	21.2		02	9	9	E	LEAR	7283	
28	DSD	0750E	0805D	S22	E35	10	1.0	1				V	KHAR		
28	BSL	0850E	0855D	S07	W90	09	21.6	1				V	KHAR		
28	BSL	0854E	0905D	S01	W90	09	21.6	1				V	KHAR		
28	DSF	0900U	0712U	S29	E80	10	4.6	2	37	0	0	E	SVTO		
28	SSB	1054		209	W38	09	29.2			0	0	E	RAMY		226 W55 242 W71
28	DSD	1059E	1628D	S09	E06	09	28.9		02	9	9	E	RAMY	7293	
28	DSD	1100E	2115D	S07	E02	09	28.6		02	9	9	E	RAMY	7293	
28	AFS	1102E	2115D	S08	E09	09	29.1		02	9	9	E	RAMY	7293	
28	ADF	1105E	2115D	S17	E39	10	1.4	1	31	7	7	E	RAMY		
28	ADF	1416E	0044D	S30	E70	10	4.1	1	34	9	9	E	HOLL		
28	DSF	1548U	1108U	S18	E40	10	1.7	2	51	0	0	E	RAMY		
28	DSF	1548U	1108U	S18	E40	10	1.7	2	51	0	0	E	RAMY		
28	SSB	1554		225	W57	09	30.8			0	0	E	HOLL		
28	AFS	1727E	0223D	S07	W01	09	28.6		02	9	9	E	PALE	7293	
28	AFS	1730E	0223D	N16	E43	10	2.0		03	8	9	E	PALE	7295	
28	ADF	1742E	0223D	S07	W35	09	26.1		03	9	9	E	PALE	7289	
28	ADF	1753E	0150D	S14	W23	09	27.0		11	5	4	E	PALE	7297	
28	ADF	1802E	0223D	S06	E23	09	30.5		07	9	9	E	PALE	7294	
28	ADF	1810E	0223D	N06	E46	10	2.2		04	9	9	E	PALE	7296	
28	ADF	1813E	2126D	S22	E45	10	2.2		42	9	9	E	PALE		
28	DSF	2126U	0205U	S22	E45	10	2.3		42	0	0	E	PALE		
28	DSF	2318U	1318U	S19	E38	10	1.9		32	0	0	E	HOLL		
29	ADF	0900E	1551D	N11	E39	10	2.3	1	09	9	9	E	SVTO	7296	
29	DSD	0900E	1551D	N15	E34	10	1.9		04	9	9	E	SVTO	7295	
29	AFS	0900E	1551D	N18	E72	10	4.8		02	9	9	E	SVTO		
29	AFS	0900E	1551D	N19	W07	09	28.8		01	9	9	E	SVTO	7292	
29	DSD	0900E	1551D	S05	W12	09	28.5		01	9	9	E	SVTO	7293	
29	AFS	0900E	1551D	S06	W10	09	28.6		01	9	9	E	SVTO	7293	
29	AFS	0900E	1551D	S07	W01	09	29.3		02	9	9	E	SVTO	7293	
29	AFS	0900E	1551D	S09	W44	09	26.1		01	9	9	E	SVTO	7289	
29	DSD	0900E	1551D	S11	W44	09	26.1		01	9	9	E	SVTO	7289	
29	DSD	0900E	1551D	S15	E17	09	30.7		01	9	9	E	SVTO	7294	
29	DSD	1041E	1736D	S08	W14	09	28.4		03	7	6	E	RAMY	7293	
29	ADF	1043E	1231D	N20	E65	10	4.4	1	04	9	9	E	RAMY		
29	DSD	1047E	2037D	N13	E34	10	2.0		02	9	9	E	RAMY	7295	
29	AFS	1055E	2037D	N16	E68	10	4.6		01	8	8	E	RAMY	7298	
29	DSD	1123E	1551D	N17	E68	10	4.6		01	9	9	E	SVTO		
29	DSD	1229E	1633D	S17	E47	10	3.1		02	9	9	E	RAMY		
29	SSB	1337		224	W68	10	1.7			0	0	E	HOLL		
29	DSD	1736E	2037D	S06	W11	09	28.9		02	9	9	E	RAMY	7293	
29	DSD	1751E	0410D	S07	W12	09	28.8		02	9	9	E	PALE	7295	
29	ADF	1802E	0051D	S12	W50	09	26.0		03	9	9	E	PALE	7289	
29	ADF	1806E	0051D	S15	W35	09	27.1		16	5	5	E	PALE	7297	
29	AFS	1816E	0410D	N19	W14	09	28.7		03	9	9	E	PALE	7292	
29	ADF	1820E	0410D	S13	E14	09	30.8		09	9	9	E	PALE	7294	
29	AFS	1825E	0410D	N14	E27	10	1.8		04	9	9	E	PALE	7295	
29	DSD	1830E	0042D	N13	E28	10	1.9		03	9	9	E	HOLL	7295	
29	DSD	2020E	0410D	N18	E66	10	4.9		03	9	9	E	PALE	2798	
29	DSD	2035E	0042D	N15	E62	10	4.5		02	9	9	E	HOLL	7298	
30	AFS	0051E	0410D	N18	E64	10	4.9		02	9	9	E	PALE	7298	
30	AFS	0145E	0928D	N16	E62	10	4.8		04	9	9	E	LEAR	7298	
30	AFS	0207E	0928D	S08	W15	09	29.0		02	9	9	E	LEAR	7293	
30	AFS	0526E	1123D	S06	W14	09	29.2		04	9	9	E	SVTO	7293	
30	DSD	0638E	1123D	N07	E26	10	2.2		02	9	8	E	SVTO	7296	
30	AFS	0642E	1123D	S12	E04	09	30.6		02	9	9	E	SVTO	7294	

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ACTIVE PROMINENCES AND FILAMENTS

SEPTEMBER 1992

Day	Event Type	Start (UT)	End (UT)	Lat	CMD	CHP Mo Day	Imp	Extent	Blue Shift (.1 A)	Red Shift (.1 A)	Obs Type	Sta	NOAA/ USAF Reg#	Remarks
30	AFS	0710E	1123D	N18	W19	09 28.8		03	9	9	E	SVTO	7292	
30	AFS	0715E	1123D	S11	E46	10 3.8		02	9	9	E	SVTO		
30	AFS	0719E	1123D	N18	E58	10 4.7		02	9	9	E	SVTO	7298	
30	SSB	0724		193	W47	10 8.1			0	0	E	SVTO		
30	DSD	0842E	1123D	S08	W19	09 28.9		02	9	9	E	SVTO	7293	
30	DSD	0842E	1123D	S12	W20	09 28.8		03	9	9	E	SVTO	7293	
30	DSD	1103E	1258D	S07	W18	09 29.1		01	9	9	E	RAMY	7293	
30	ADF	1107E	1710D	N05	E25	10 2.3	1	03	9	9	E	RAMY	7296	
30	BSD	1108E	1659D	S10	W59	09 26.0		03	9	9	E	RAMY	7289	
30	ADF	1114E	1123D	N06	E22	10 2.1	1	04	9	9	E	SVTO	7296	
30	DSD	1122E	1255D	S14	E41	10 3.6		01	9	9	E	RAMY		
30	SSB	1308		156	W13	10 4.8			0	0	E	RAMY		191 W48
30	DSD	1600E	0043D	N07	E65	10 5.5		04	9	9	E	HOLL	7299	
30	SSB	1605		196	W55	10 9.0			0	0	E	HOLL		
30	AFS	1655E	2349D	N16	E54	10 4.8		02	9	9	E	PALE	7298	
30	DSD	1655E	2349D	N17	E57	10 5.0		02	9	9	E	PALE	7298	
30	DSD	1657E	2349D	N14	E16	10 1.9		02	9	9	E	PALE	7295	
30	DSD	1657E	2349D	S12	W60	09 26.2		03	9	9	E	PALE	7289	
30	SSB	1703		193	W52	10 8.6			0	0	E	PALE		
30	ASR	1845E	2349D	N13	E90	10 7.6		02	9	9	E	PALE		
30	DSD	2320E	0957D	N04	E16	10 2.2		03	9	9	E	LEAR	7276	
30	AFS	2321E	0957D	N16	E50	10 4.8		03	9	9	E	LEAR	7298	
30	DSD	2321E	0957D	N17	E52	10 4.9		04	9	9	E	LEAR	7298	
30	ASR	2327E	0957D	N11	E88	10 7.6		03	9	9	E	LEAR		

ADF = Active Dark Filament
AFS = Arch Filament System
APR = Active Prominence
ASR = Active Surge Region
BSD = Bright Surge on Disk

BSL = Bright Surge on Limb
CAP = CAP Prominence (Tandberg-Hanssen)
CRN = Coronal Rain
DSD = Dark Surge on Disk
DSF = Disappearing Solar Filament

EPL = Eruptive Prominence on Limb
LPS = Loops
MDP = Mound Prominence
SDF/DSF = Sudden Disappearing Filament
SPY = Spray
SSB = Solar Sector Boundary

For SOLAR SECTOR BOUNDARY REPORTS, the latitude field contains the Carrington longitude of the point where a neutral line crosses the solar equator. The comments field may contain the Carrington longitude and central meridian distance of two more intersection points.

The EXTENT field for limb events is the radial extent above the limb in hundredths of solar radius. For disk events this field contains the heliographic extent in whole degrees.

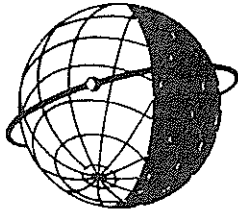
The remark "Bright Emission 1/3" indicates that bright emission was observed 1/3 of time.
The remark "Normal Emission 1/3" indicates that normal emission was observed 1/3 of time.

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

ABST = Abastumani
ATHN = Athens
BUCA = Bucharest
HOLL = Holloman

KHAR = Kharkov
LEAR = Learmonth
PALE = Palehua
RAMY = Ramey

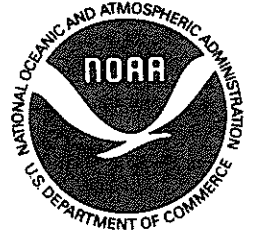
SVTO = San Vito
VORO = Voroshilov
VALA = Valasske Mezirici



WORLD DATA CENTER A

FOR

SOLAR-TERRESTRIAL PHYSICS



The ICSU Panel on WDCs has recommended that it would be appropriate courtesy to acknowledge in publications that data were obtained from the originating station or investigator through the intermediary of the WDCs. The following statement is suggested:

"Data used in this study were provided by WDC-A for Solar-Terrestrial Physics, NOAA E/GC2, 325 Broadway, Boulder Colorado 80303, USA."