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

MARCH 2005

Day	Freq	Sta	Type		Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 -22 W/m 2 Hz)	Flux Density Mean (10 -22 W/m 2 Hz)	Int	Remarks
05	33	UPIC	45	C	0942.0	0942.5	2.0				
06	127	TORN	43	NS	1012.0		163.0		3.0		V=0
07	127	TORN	43	NS	0952.0		158.0		4.0		V=1
08	127	TORN	43	NS	0800.0		420.0		5.0		V=0
	245	PALE	8	S	0059.0	0059.0	U	72.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	0105.0	0105.0	U	57.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0835.0	0835.0	1.0	77.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0925.0	0925.0	U	65.0			QL=4 ST=2 TYP=3
09	127	TORN	43	NS	0952.0		308.0		5.0		V=1
	245	PALE	8	S	0136.0	0136.0	U	63.0			QL=4 ST=2 TYP=3
	2950	GORK	1	S	0804.6	0805.1	1.4	3.6			
	900	GORK	41	F	0805.0	0805.1	0.8	21.0			
	900	GORK	41	F	0805.0	0805.5		50.0			
	900	GORK	42	SER	0854.8	0855.7	46.0	60.0			
	900	GORK	42	SER	0854.8	0938.9		40.0			
	9100	GORK	46	C	0926.7	0927.4	1.1	62.0			
	9100	GORK	46	C	0926.7	0927.5		85.0			
	245	SVTO	8	S	1453.0	1453.0	U	73.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	1905.0	1905.0	U	62.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1905.0	1905.0	U	59.0			QL=4 ST=2 TYP=3
10	127	TORN	43	NS	1040.0		260.0		6.0		V=1
	245	SGMR	48	C	1138.0	1139.0	5.0	480.0			QL=4 ST=2 TYP=8
	245	SVTO	48	C	1138.0	1139.0	5.0	490.0			QL=4 ST=2 TYP=8
	127	TORN	47	GB	1138.7	1140.3	4.5	1770.0	370.0		
	410	SGMR	48	C	1139.0	1141.0	2.0	140.0			QL=4 ST=2 TYP=8
	410	SVTO	4	S/F	1139.0	1140.0	4.0	140.0			QL=4 ST=2 TYP=3
	33	UPIC	46	C	1139.0	1139.5U	4.0				
	4995	SGMR	8	S	1140.0	1140.0	U	51.0			QL=4 ST=2 TYP=3
	4995	SVTO	8	S	1140.0	1140.0	U	56.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	1140.0	1140.0	U	62.0			QL=4 ST=2 TYP=3
	15400	SVTO	8	S	1140.0	1140.0	U	28.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1822.0	1822.0	U	150.0			QL=4 ST=2 TYP=3
11	127	TORN	43	NS	1040.0		260.0		9.0		V=0
	235	CUBA	44	NS	1836.0E		219.0D		20.0		
	2804	VORO	22	GRF	0014.0	0055.0	96.0	7.8			
	2840	PEKG	5	S	0030.0	0033.4	7.0	15.1			
	2804	VORO	40	F	0032.5	0033.6	2.2	32.1			
	2800	HIRA	8	S	0034.0	0034.0	1.0	20.0			0
	245	PALE	8	S	1956.0	1956.0	U	200.0			QL=4 ST=2 TYP=3
12	127	TORN	43	NS	0820.0		400.0		50.0		V=2
	235	CUBA	44	NS	1300.0E		510.0D		26.0		
	235	CUBA	44	NS	1330.0E		480.0D		28.0		
	2840	PEKG	1	S	0606.0	0608.9	5.0	7.0			
	245	LEAR	8	S	0608.0	0608.0	1.0	270.0			QL=4 ST=2 TYP=3
	1415	LEAR	8	S	0608.0	0608.0	U	52.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0608.0	0609.0	1.0	310.0			QL=4 ST=2 TYP=3
	410	SVTO	8	S	0608.0	0608.0	U	62.0			QL=4 ST=2 TYP=3
	1415	SVTO	8	S	0608.0	0608.0	U	45.0			QL=4 ST=2 TYP=3
	610	SVTO	8	S	0609.0	0609.0	U	180.0			QL=2 ST=2 TYP=3
	33	UPIC	2	S/F	0609.0	0609.5	1.5				
	2840	PEKG	3	S	0641.0	0646.5	11.0	52.2			
	33	UPIC	2	S/F	0703.0	0703.5	1.5				
	245	LEAR	49	GB	0815.0	0815.0	U	630.0			QL=4 ST=2 TYP=6
	245	SVTO	49	GB	0815.0	0815.0	U	1400.0			QL=4 ST=2 TYP=6
	410	SVTO	8	S	0815.0	0815.0	U	88.0			QL=4 ST=2 TYP=3
	127	TORN	7	C	0815.0	0815.2	0.8	1700.0	400.0		DISTURBED
	245	SVTO	8	S	0943.0	0943.0	U	310.0			QL=4 ST=2 TYP=3
	33	UPIC	2	S/F	0943.0	0943.5	1.0				
	33	UPIC	45	C	1050.5	1051.0	3.5				
	245	SGMR	8	S	1651.0	1651.0	U	490.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1654.0	1655.0	1.0	100.0			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

MARCH 2005

Day	Freq	Sta	Type		Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 -22 W/m 2 Hz)	Flux Density Mean (10 -22 W/m 2 Hz)	Int	Remarks
13	127	TORN	43	NS	0903.0		357.0		10.0		V=2
	235	CUBA	44	NS	1330.0E		480.0D		41.0		
	127	TORN	7	C	1310.0	1310.2	0.9	200.0	100.0		
	245	PALE	8	S	2227.0	2227.0	U	68.0			QL=4 ST=2 TYP=3
14	245	SVTO	43	NS	1221.0	1230.0	252.0	190.0			QL=4 ST=2 TYP=1
	245	SVTO	43	NS	1221.0	1230.0U	699.0	190.0			QL=4 ST=1 TYP=1
	245	SGMR	43	NS	1224.0	1507.0	279.0	170.0			QL=4 ST=2 TYP=1
	245	SGMR	43	NS	1224.0	1224.0	696.0	95.0			QL=4 ST=2 TYP=1
	127	TORN	44	NS	1250.0E		130.0D		170.0		V=2
	235	CUBA	44	NS	1330.0E		480.0D		93.0		
	410	SVTO	43	NS	1426.0	1442.0	40.0	78.0			QL=4 ST=2 TYP=1
	245	PALE	43	NS	1658.0	1710.0	62.0	79.0			QL=4 ST=2 TYP=1
	245	LEAR	8	S	0240.0	0240.0	U	95.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	0240.0	0240.0	U	99.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1155.0	1155.0	U	57.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1217.0	1217.0	U	100.0			QL=4 ST=2 TYP=3
	410	SGMR	8	S	1342.0	1342.0	U	52.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1415.0	1416.0	2.0	140.0			QL=2 ST=2 TYP=3
	410	SVTO	8	S	1416.0	1416.0	1.0	79.0			QL=2 ST=2 TYP=3
	33	UPIC	46	C	1656.0	1657.5	19.0				
15	245	LEAR	43	NS	0131.0	0710.0	457.0	370.0			QL=4 ST=2 TYP=1
	245	LEAR	43	NS	0131.0	0131.0	1349.0	54.0			QL=4 ST=1 TYP=1
	245	LEAR	43	NS	0131.0	0222.0	1349.0	65.0			QL=4 ST=1 TYP=1
	245	LEAR	43	NS	0131.0	0303.0	1349.0	150.0			QL=4 ST=1 TYP=1
	245	LEAR	43	NS	0131.0	0710.0	1349.0	370.0			QL=4 ST=1 TYP=1
	245	PALE	43	NS	0326.0	0420.0	58.0	100.0			QL=4 ST=2 TYP=1
	245	SVTO	43	NS	0538.0	0710.0	122.0	370.0			QL=4 ST=2 TYP=1
	245	SVTO	43	NS	0538.0	0549.0	1102.0	81.0			QL=4 ST=1 TYP=1
	245	SVTO	43	NS	0538.0	0636.0	1102.0	92.0			QL=4 ST=1 TYP=1
	245	SVTO	43	NS	0538.0	0709.0	1102.0	150.0			QL=4 ST=1 TYP=1
	245	SVTO	43	NS	0538.0	0709.0	1102.0	330.0			QL=4 ST=1 TYP=1
	245	SVTO	43	NS	0538.0	0710.0	1102.0	370.0			QL=4 ST=1 TYP=1
	127	TORN	44	NS	0700.0E		407.0D		5.0		V=1,DISTURBED
	245	PALE	8	S	0222.0	0222.0	U	57.0			QL=4 ST=2 TYP=3
	245	PALE	48	C	0303.0	0305.0	5.0	100.0			QL=4 ST=2 TYP=8
	245	SVTO	8	S	0549.0	0549.0	1.0	81.0			QL=4 ST=2 TYP=3
	245	SVTO	4	S/F	0640.0	0644.0	4.0	270.0			QL=2 ST=2 TYP=3
	2800	HIRA	7	C	0642.0	0646.0	10.0	45.0			0
	2950	GORK	46	C	0642.2	0646.3		48.0			
	2950	GORK	46	C	0642.2	0645.6	11.2	26.0			
	245	SVTO	8	S	0643.0	0644.0	1.0	270.0			QL=2 ST=3 TYP=3
	245	LEAR	8	S	0644.0	0644.0	U	280.0			QL=2 ST=2 TYP=3
	410	LEAR	8	S	0644.0	0644.0	U	51.0			QL=4 ST=2 TYP=3
	410	SVTO	8	S	0644.0	0644.0	U	79.0			QL=4 ST=2 TYP=3
	9100	GORK	4	S/F	0645.3	0646.4	5.0	17.0			
	245	SVTO	8	S	0829.0	0830.0	1.0	72.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1221.0	1221.0	U	82.0			QL=4 ST=3 TYP=3
	245	SVTO	8	S	1221.0	1221.0	U	130.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1304.0	1304.0	U	68.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1540.0	1540.0	1.0	130.0			QL=4 ST=3 TYP=3
	245	SVTO	8	S	1540.0	1540.0	1.0	84.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1628.0	1629.0	1.0	100.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1628.0	1629.0	1.0	100.0			QL=4 ST=3 TYP=3
	245	SGMR	8	S	1743.0	1743.0	U	60.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1806.0	1807.0	1.0	78.0			QL=4 ST=2 TYP=3
	245	SGMR	48	C	1841.0	1845.0	4.0	190.0			QL=4 ST=2 TYP=8
	245	PALE	48	C	1843.0	1845.0	2.0	170.0			QL=4 ST=2 TYP=8
	245	PALE	8	S	1906.0	1907.0	1.0	130.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1906.0	1906.0	U	120.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1909.0	1909.0	U	74.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	2102.0	2102.0	U	91.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	2127.0	2127.0	U	64.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	2127.0	2127.0	U	52.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	2344.0	2344.0	U	79.0			QL=2 ST=2 TYP=3
	245	PALE	8	S	2344.0	2344.0	U	86.0			QL=4 ST=2 TYP=3
16	245	LEAR	43	NS	0422.0	0431.0	146.0	86.0			QL=4 ST=2 TYP=1

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

MARCH 2005

Day	Freq	Sta	Type		Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 -22 W/m 2 Hz)	Flux Density Mean (10 -22 W/m 2 Hz)	Int	Remarks
16	127	TORN	44	NS	0700.0E		480.0D		11.0		V=2
	245	SVTO	43	NS	1139.0	1214.0	212.0	140.0			QL=4 ST=2 TYP=1
	245	SGMR	43	NS	1205.0	1214.0	97.0	160.0			QL=4 ST=2 TYP=1
	235	CUBA	44	NS	1320.0E		490.0D		44.0		
	245	LEAR	8	S	0318.0	0318.0	U	51.0			QL=4 ST=2 TYP=3
	245	LEAR	48	C	0408.0	0410.0	4.0	210.0			QL=4 ST=2 TYP=8
	245	PALE	48	C	0408.0	0408.0	4.0	160.0			QL=4 ST=2 TYP=8
	2950	GORK	3	S	0823.8	0824.0	0.6	5.2			
	900	GORK	2	S/F	0824.0	0824.5	4.5	11.0			
	2950	GORK	2	S/F	0824.7	0825.4	1.5	2.6			
	900	GORK	46	C	0825.2	0825.4	0.8	40.0			
	900	GORK	46	C	0825.2	0825.6		70.0			
	245	SVTO	8	S	1125.0	1125.0	U	85.0			QL=4 ST=2 TYP=3
	410	SVTO	8	S	1125.0	1125.0	U	46.0			QL=4 ST=2 TYP=3
	245	SGMR	4	S/F	1206.0	1206.0	3.0	100.0			QL=4 ST=2 TYP=3
	410	SGMR	8	S	1207.0	1207.0	U	56.0			QL=4 ST=2 TYP=3
	410	SGMR	8	S	1219.0	1219.0	U	400.0			QL=4 ST=2 TYP=3
	410	SVTO	8	S	1219.0	1219.0	U	310.0			QL=4 ST=2 TYP=3
	410	SGMR	8	S	1222.0	1222.0	U	150.0			QL=4 ST=2 TYP=3
	410	SVTO	8	S	1222.0	1222.0	U	92.0			QL=4 ST=2 TYP=3
	2800	PENT	8	S	1542.0	1544.0	5.4	7.0			
	245	SGMR	8	S	1544.0	1544.0	2.0	380.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1544.0	1544.0	2.0	360.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	2034.0	2034.0	U	88.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	2035.0	2035.0	U	110.0			QL=4 ST=2 TYP=3
	410	PALE	8	S	2035.0	2035.0	U	63.0			QL=4 ST=2 TYP=3
	245	SGMR	49	GB	2115.0	2115.0	1.0	560.0			QL=4 ST=2 TYP=6
	410	SGMR	8	S	2115.0	2115.0	U	130.0			QL=4 ST=2 TYP=3
	245	PALE	49	GB	2116.0	2116.0	U	630.0			QL=4 ST=2 TYP=6
	410	PALE	8	S	2116.0	2116.0	U	130.0			QL=4 ST=2 TYP=3
	610	PALE	8	S	2116.0	2116.0	U	67.0			QL=4 ST=2 TYP=3
	2800	HIRA	3	S	2305.0	2307.0	3.0	10.0			0
	245	LEAR	48	C	2313.0	2314.0	30.0	200.0			QL=4 ST=2 TYP=8
	410	LEAR	49	GB	2314.0	2314.0	U	710.0			QL=4 ST=2 TYP=6
	410	PALE	49	GB	2314.0	2314.0	U	1700.0			QL=4 ST=2 TYP=6
	245	PALE	8	S	2314.0	2314.0	U	160.0			QL=4 ST=2 TYP=3
17	127	TORN	43	NS	0656.0		470.0		6.0		V=1
	245	SVTO	43	NS	1152.0	1212.0	178.0	100.0			QL=4 ST=2 TYP=1
	245	SGMR	43	NS	1209.0	1212.0	47.0	92.0			QL=4 ST=2 TYP=1
	235	CUBA	44	NS	1400.0E		435.0D		27.0		
	2804	VORO	21	GRF	0059.0	0102.9	23.5	9.5			
	245	LEAR	8	S	0248.0	0248.0	U	64.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	0248.0	0248.0	U	56.0			QL=4 ST=2 TYP=3
	410	LEAR	49	GB	0500.0	0500.0	U	560.0			QL=4 ST=2 TYP=6
	2804	VORO	46	C	0500.0	0500.7	3.7	13.7			
	245	LEAR	49	GB	0506.0	0506.0	U	1100.0			QL=4 ST=2 TYP=6
	245	LEAR	8	S	0521.0	0521.0	U	52.0			QL=4 ST=2 TYP=3
	2950	GORK	5	S	0634.5	0635.2	1.8	1.8			
	9100	GORK	5	S	0634.8	0635.6	2.0	5.4			
	2840	PEKG	3	S	0638.0	0641.7	13.0	11.2			
	900	GORK	41	F	0639.1	0643.4		6.0			
	900	GORK	41	F	0639.1	0639.7	6.4	4.5			
	2950	GORK	46	C	0639.8	0641.5	5.4	4.4			
	2950	GORK	46	C	0639.8	0643.5		5.3			
	245	LEAR	48	C	0640.0	0643.0	3.0	150.0			QL=4 ST=2 TYP=8
	9100	GORK	46	C	0640.6	0642.1	7.4	8.1			
	9100	GORK	46	C	0640.6	0643.6		15.0			
	245	SVTO	48	C	0641.0	0643.0	2.0	120.0			QL=4 ST=3 TYP=8
	127	TORN	7	C	0642.1	0642.5	1.2	250.0D	120.0D		
	245	SVTO	8	S	0643.0	0643.0	U	120.0			QL=4 ST=2 TYP=3
	410	SVTO	8	S	0643.0	0643.0	U	58.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0819.0	0819.0	U	90.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0819.0	0819.0	U	69.0			QL=4 ST=2 TYP=3
	9100	GORK	28	PRE	0901.2	0903.0	3.4	6.4			
	9100	GORK	46	C	0904.6	0907.1		19.0			
	9100	GORK	46	C	0904.6	0905.3	5.2	61.0			
	245	SVTO	8	S	1125.0	1125.0	U	61.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1128.0	1128.0	U	51.0			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

MARCH 2005

Day	Freq	Sta	Type		Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 -22 W/m 2 Hz)	Flux Density Mean (10 -22 W/m 2 Hz)	Int	Remarks
17	245	SGMR	48	C	1138.0	1143.0	6.0	120.0			QL=4 ST=2 TYP=8
	245	SVTO	48	C	1139.0	1144.0	5.0	180.0			QL=4 ST=2 TYP=8
	410	SGMR	48	C	1320.0	1321.0	7.0	300.0			QL=4 ST=2 TYP=8
	245	SVTO	8	S	1325.0	1325.0	U	120.0			QL=2 ST=2 TYP=3
	410	SVTO	8	S	1325.0	1325.0	U	55.0			QL=4 ST=2 TYP=3
	410	SVTO	4	S/F	1339.0	1345.0	10.0	100.0			QL=4 ST=2 TYP=3
	410	SVTO	8	S	1358.0	1358.0	U	55.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1919.0	1919.0	U	58.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1941.0	1942.0	1.0	160.0			QL=4 ST=2 TYP=3
18	245	PALE	43	NS	0146.0	0150.0	159.0	160.0			QL=4 ST=2 TYP=1
	245	PALE	43	NS	0146.0	0150.0	1334.0	89.0			QL=4 ST=1 TYP=1
	245	LEAR	43	NS	0149.0	0149.0	1331.0	95.0			QL=4 ST=1 TYP=1
	245	LEAR	43	NS	0149.0	0243.0	1331.0	100.0			QL=4 ST=1 TYP=1
	245	LEAR	43	NS	0149.0	0258.0	1331.0	110.0			QL=4 ST=1 TYP=1
	245	LEAR	43	NS	0149.0	0345.0	1331.0	120.0			QL=4 ST=1 TYP=1
	245	LEAR	43	NS	0149.0	0357.0	1331.0	200.0			QL=4 ST=1 TYP=1
	245	PALE	43	NS	0345.0	0345.0	U	120.0			QL=4 ST=2 TYP=1
	245	PALE	43	NS	0357.0	0357.0	1203.0	160.0			QL=4 ST=2 TYP=1
	245	SVTO	43	NS	0522.0	0653.0	115.0	160.0			QL=4 ST=2 TYP=1
	245	SVTO	43	NS	0522.0	0522.0	1118.0	57.0			QL=4 ST=1 TYP=1
	245	SVTO	43	NS	0522.0	0548.0	1118.0	63.0			QL=4 ST=1 TYP=1
	245	SVTO	43	NS	0522.0	0556.0	1118.0	69.0			QL=4 ST=1 TYP=1
	245	SVTO	43	NS	0522.0	0618.0	1118.0	84.0			QL=4 ST=1 TYP=1
	245	SVTO	43	NS	0522.0	0643.0	1118.0	93.0			QL=4 ST=1 TYP=1
	245	SVTO	43	NS	0522.0	0648.0	1118.0	100.0			QL=2 ST=1 TYP=1
	245	SVTO	43	NS	0522.0	0653.0	1118.0	160.0			QL=2 ST=1 TYP=1
	127	TORN	44	NS	0640.0E		422.0D		13.0		V=2
	235	CUBA	44	NS	1330.0E		480.0D		17.0		
	410	PALE	4	S/F	0136.0	0138.0	3.0	94.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	0205.0	0205.0	U	210.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0754.0	0754.0	U	67.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0848.0	0848.0	U	83.0			QL=4 ST=2 TYP=3
	245	SVTO	4	S/F	1306.0	1306.0	3.0	100.0			QL=4 ST=2 TYP=3
	33	UPIC	45	C	1322.0	1322.5	2.0				
	245	SGMR	8	S	1400.0	1400.0	U	63.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1400.0	1400.0	U	57.0			QL=2 ST=2 TYP=3
	245	LEAR	8	S	2250.0	2250.0	U	94.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	2251.0	2251.0	U	140.0			QL=4 ST=2 TYP=3
19	127	TORN	43	NS	1012.0		188.0		5.0		V=0
	2840	PEKG	5	S	0503.0	0506.1	28.2	28.2			
	2950	GORK	2	S/F	0658.0	0659.8	3.1	3.5			
	2950	GORK	4	S/F	0704.9	0706.1	3.1	66.0			
	2800	HIRA	3	S	0705.0	0706.0	3.0	15.0			0
	245	LEAR	8	S	0705.0	0705.0	U	66.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0705.0	0706.0	1.0	64.0			QL=2 ST=2 TYP=3
	610	SVTO	8	S	0705.0	0706.0	2.0	150.0			QL=2 ST=2 TYP=3
	4995	SVTO	8	S	0705.0	0706.0	2.0	80.0			QL=4 ST=2 TYP=3
	9100	GORK	46	C	0705.2	0706.1	4.3	48.0			
	9100	GORK	46	C	0705.2	0706.3		45.0			
	4995	LEAR	8	S	0706.0	0706.0	U	65.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	0706.0	0706.0	1.0	64.0			QL=4 ST=2 TYP=3
	15400	SVTO	8	S	0706.0	0706.0	U	27.0			QL=4 ST=2 TYP=3
	4995	SVTO	8	S	0740.0	0740.0	U	170.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1205.0	1205.0	U	120.0			QL=4 ST=2 TYP=3
	2800	PENT	24	R	1733.0	1753.0	38.2	6.0			
	2800	PENT	8	S	2014.0	2017.0	7.1	5.0			
20	127	TORN	43	NS	0950.0		210.0		6.0		V=1
	2840	PEKG	1	S	0250.0	0252.4	9.0	5.3			
	2840	PEKG	1	S	0609.0	0612.9	7.0	7.6			
	127	TORN	42	SER	1150.3	1151.9	6.8	440.0			DISTURBED
	245	SGMR	8	S	1151.0	1151.0	U	59.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1151.0	1153.0	2.0	65.0			QL=4 ST=2 TYP=3
	33	UPIC	46	C	1151.0	1152.0	2.0				
	245	SGMR	8	S	1305.0	1305.0	U	51.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1305.0	1305.0	U	100.0			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

MARCH 2005

Day	Freq	Sta	Type		Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 -22 W/m 2 Hz)	Flux Density Mean (10 -22 W/m 2 Hz)	Int	Remarks
21	127	TORN	43	NS	0824.0		316.0		8.0		V=1
	2695	PALE	8	S	2241.0	2241.0	U	65.0			QL=4 ST=2 TYP=3
23	127	TORN	43	NS	0950.0		210.0		4.0		V=0
24	127	TORN	43	NS	0943.0		317.0		5.0		V=1
	2950	GORK	7	C	1025.2	1025.4	0.9	2.5			
	2950	GORK	7	C	1025.2	1025.7		2.5			
	2840	PEKG	45	C	2337.0	2340.1	9.0	8.6			
	2800	HIRA	7	C	2338.0	2340.0	5.0	15.0			0
	2800	PENT	8	S	2338.0	2340.0	12.3	12.0			
	2804	VORO	41	F	2339.2	2340.2	1.5	12.9			
	2804	VORO	41	F	2339.2	2342.4	3.2	8.2			
25	127	TORN	43	NS	0943.0		242.0		7.0		V=1
	2840	PEKG	45	C	0736.0	0740.3	9.0	8.0			
	2800	HIRA	3	S	0739.0	0741.0	4.0	10.0			0
	1415	LEAR	8	S	0739.0	0740.0	1.0	220.0			QL=4 ST=2 TYP=3
	1415	SVTO	8	S	0739.0	0740.0	2.0	190.0			QL=4 ST=2 TYP=3
	900	GORK	4	S/F	0739.4	0742.0	2.6	940.0			
	2950	GORK	46	C	0739.5	0740.3	3.2	7.8			
	2950	GORK	46	C	0739.5	0740.7		6.9			
27	410	SGMR	48	C	1339.0	1350.0	621.0	820.0			QL=4 ST=1 TYP=8
	410	SGMR	48	C	1339.0	1352.0	621.0	2800.0			QL=4 ST=2 TYP=8
28	410	LEAR	8	S	0559.0	0600.0	1.0	71.0			QL=4 ST=2 TYP=3
	410	LEAR	8	S	0603.0	0604.0	2.0	72.0			QL=4 ST=2 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 = Hiraiso	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 Precusor	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	4O Rise Only	16A Fall A	27AF Rise and Fall AF
21A Simple 3A GRF	4OF Rise Only F	26O 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; and Hiraiso, Japan 500 and 200 MHz.