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

NOVEMBER 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
01	33	UPIC	45	C	1125.0	1125.5	1.5				
	410	SGMR	4	S/F	2026.0	2029.0	6.0	28.0			QL=4 ST=2 TYP=3
03	15400	LEAR	8	S	0356.0E	0356.0	U	57.0			QL=4 ST=2 TYP=3
	127	TORN	45	C	0711.0	0712.6	5.0	20.0	10.0		
06	127	TORN	27	RF	1431.3	1440.8	20.0	200.0D	100.0D		
07	410	LEAR	8	S	2323.0	2323.0	U	64.0			QL=4 ST=2 TYP=3
12	127	TORN	43	NS	0725.0		420.0		4.0		V=1
13	127	TORN	43	NS	0900.0		330.0		4.0		V=0
	2804	VORO	46	C	0022.8	0026.2	3.8	5.5			
	245	LEAR	8	S	0023.0	0023.0	U	69.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	0023.0	0023.0	U	64.0			QL=4 ST=2 TYP=3
	2804	VORO	29	PBI	0027.8	0032.0	12.2	3.0			
	245	LEAR	8	S	0033.0	0033.0	U	58.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0041.0	0041.0	U	110.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	0041.0	0041.0	U	120.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0102.0	0102.0	U	52.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0110.0	0110.0	1.0	53.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0116.0	0116.0	U	92.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	0116.0	0116.0	U	74.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	0127.0	0129.0	2.0	75.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0129.0	0129.0	U	70.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0143.0	0143.0	U	52.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	0246.0	0246.0	1.0	160.0			QL=4 ST=2 TYP=3
	2804	VORO	22	GRF	0428.0	0443.7	21.4	8.1			
	127	TORN	45	C	1113.1	1114.2	3.0	90.0	20.0		
	9500	CUBA	21	GRF	1437.0E	1444.0	53.0D	13.0	7.0		
	9500	CUBA	1	S	1448.7	1449.7	96.7	29.0	15.0		
	8800	SGMR	8	S	1449.0	1449.0	2.0	72.0			QL=4 ST=2 TYP=3
	15400	SGMR	4	S/F	1449.0	1449.0	5.0	72.0			QL=4 ST=2 TYP=3
14	127	TORN	44	NS	0650.0E		460.0D		13.0		V=1
	2804	VORO	42	SER	0356.9	0358.1	8.9	24.3			
	2804	VORO	42	SER	0356.9	0359.9	8.9	64.3			
	2800	HIRA	7	C	0357.0	0400.0	7.0	65.0			0
	1415	LEAR	8	S	0358.0	0400.0	2.0	180.0			QL=4 ST=2 TYP=3
	610	LEAR	8	S	0359.0	0359.0	1.0	200.0			QL=4 ST=2 TYP=3
	2695	LEAR	8	S	0359.0	0359.0	1.0	72.0			QL=4 ST=2 TYP=3
	4995	LEAR	8	S	0359.0	0359.0	1.0	100.0			QL=4 ST=2 TYP=3
	8800	LEAR	8	S	0359.0	0359.0	1.0	120.0			QL=4 ST=2 TYP=3
	15400	LEAR	8	S	0359.0	0359.0	U	60.0			QL=4 ST=2 TYP=3
	2800	HIRA	8	S	0418.0	0420.0	8.0	170.0			0
	2804	VORO	3	S	0418.0	0419.9	5.5	156.8			
	8800	LEAR	49	GB	0419.0	0419.0	3.0	880.0			QL=4 ST=2 TYP=6
	15400	LEAR	49	GB	0419.0	0419.0	2.0	880.0			QL=4 ST=2 TYP=6
	2695	LEAR	8	S	0419.0	0420.0	2.0	180.0			QL=4 ST=2 TYP=3
	4995	LEAR	8	S	0419.0	0419.0	2.0	480.0			QL=4 ST=2 TYP=3
	610	LEAR	8	S	0658.0	0658.0	U	120.0			QL=4 ST=2 TYP=3
	610	SVTO	8	S	0658.0	0658.0	U	210.0			QL=2 ST=2 TYP=3
	9100	GORK	4	S/F	0832.0	0834.8	7.6	21.0			
	610	SVTO	8	S	0833.0	0833.0	1.0	82.0			QL=2 ST=2 TYP=3
	900	GORK	41	F	0833.4	0835.2		16.0			
	900	GORK	41	F	0833.4	0833.8	2.5	29.0			
	2950	GORK	46	C	0833.6	0833.8	3.0	4.4			
	2950	GORK	46	C	0833.6	0834.8		8.8			
	245	SVTO	8	S	0906.0	0906.0	1.0	60.0			QL=4 ST=2 TYP=3
	245	SVTO	4	S/F	1034.0	1047.0	16.0	85.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1202.0	1202.0	U	66.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1202.0	1202.0	1.0	92.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1202.0	1202.0	1.0	92.0			QL=4 ST=3 TYP=3
	245	SVTO	48	C	1414.0	1422.0	15.0	500.0			QL=4 ST=2 TYP=8
	8800	SVTO	4	S/F	1419.0	1420.0	4.0	240.0			QL=4 ST=2 TYP=3
	9500	CUBA	45	C	1419.1	1421.4		64.0	32.0		
	9500	CUBA	45	C	1419.1	1420.6	5.1	163.0	81.0		
	8800	SGMR	8	S	1420.0	1420.0	1.0	170.0			QL=4 ST=1 TYP=3

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

NOVEMBER 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
14	15400	SGMR	8	S	1420.0	1420.0	1.0	220.0			QL=4 ST=1 TYP=3
	1415	SVTO	4	S/F	1420.0	1422.0	3.0	38.0			QL=4 ST=2 TYP=3
	2695	SVTO	4	S/F	1420.0	1422.0	4.0	85.0			QL=4 ST=2 TYP=3
	4995	SVTO	4	S/F	1420.0	1420.0	4.0	160.0			QL=4 ST=2 TYP=3
	15400	SVTO	4	S/F	1420.0	1420.0	3.0	180.0			QL=4 ST=2 TYP=3
	1415	SVTO	4	S/F	1420.0	1422.0	580.0	38.0			QL=4 ST=1 TYP=3
	245	SGMR	49	GB	1422.0	1422.0	2.0	680.0			QL=4 ST=2 TYP=6
	410	SGMR	49	GB	1422.0E	1422.0	2.0D	1500.0			QL=4 ST=2 TYP=6
	610	SGMR	49	GB	1422.0	1422.0	U	7500.0			QL=4 ST=2 TYP=6
	1415	SGMR	8	S	1422.0	1422.0	1.0	42.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1422.0	1422.0	1.0	90.0			QL=4 ST=2 TYP=3
	4995	SGMR	8	S	1422.0	1422.0	U	79.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1422.0	1422.0	U	64.0			QL=4 ST=2 TYP=3
	15400	SGMR	8	S	1422.0	1422.0	U	78.0			QL=4 ST=2 TYP=3
	410	SVTO	49	GB	1422.0	1422.0	2.0	860.0			QL=4 ST=2 TYP=6
	610	SVTO	49	GB	1422.0	1422.0	U	6900.0			QL=4 ST=2 TYP=6
	410	SVTO	49	GB	1422.0	1422.0	578.0	860.0			QL=4 ST=1 TYP=6
	410	SVTO	4	S/F	1422.0	1422.0	578.0	25.0			QL=4 ST=1 TYP=3
	245	SGMR	48	C	1610.0	1613.0	8.0	290.0			QL=4 ST=2 TYP=8
	245	SGMR	8	S	1735.0	1735.0	U	52.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1805.0	1805.0	U	65.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1810.0	1810.0	U	61.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1836.0	1836.0	U	94.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1953.0	1953.0	U	55.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	2101.0	2101.0	U	59.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	2104.0	2104.0	U	98.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	2109.0	2109.0	U	110.0			QL=4 ST=2 TYP=3
	9500	CUBA	2	S/F	2155.7	2157.9	4.0D	103.0	52.0		
	4995	PALE	8	S	2157.0	2158.0	2.0	100.0			QL=4 ST=2 TYP=3
	8800	PALE	8	S	2157.0	2158.0	1.0	100.0			QL=4 ST=2 TYP=3
	15400	PALE	8	S	2157.0	2158.0	1.0	120.0			QL=4 ST=2 TYP=3
	2695	PALE	8	S	2158.0	2158.0	U	64.0			QL=4 ST=2 TYP=3
15	127	TORN	44	NS	0650.0E		460.0D		5.0		V=1
	245	SVTO	43	NS	0851.0	1107.0	334.0	310.0			QL=4 ST=2 TYP=1
	245	LEAR	43	NS	0853.0	0853.0	907.0	85.0			QL=4 ST=3 TYP=1
	245	SGMR	43	NS	1157.0	1206.0	723.0	150.0			QL=4 ST=1 TYP=1
	2804	VORO	1	S	0255.2	0255.7	1.8	2.0			
	2804	VORO	41	F	0259.0	0305.5	6.5	4.2			
	2804	VORO	41	F	0259.0	0259.8	2.9	5.9			
	245	LEAR	8	S	0443.0	0443.0	U	51.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0806.0	0806.0	U	89.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0806.0	0806.0	U	100.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0831.0	0831.0	U	51.0			QL=4 ST=2 TYP=3
	410	SVTO	8	S	1027.0	1027.0	U	59.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1159.0	1159.0	U	63.0			QL=4 ST=2 TYP=3
	9500	CUBA	20	GRF	1717.0	1816.0	59.0	39.0	20.0		
	245	PALE	8	S	1746.0	1746.0	1.0	100.0			QL=4 ST=2 TYP=3
	15400	PALE	8	S	1747.0	1747.0	U	85.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	1818.0	1818.0	U	74.0			QL=4 ST=2 TYP=3
16	127	TORN	44	NS	0650.0E		460.0D		5.0		V=2
	245	SVTO	43	NS	0755.0	0826.0	78.0	200.0			QL=4 ST=2 TYP=1
	245	SVTO	43	NS	0755.0	0755.0	965.0	84.0			QL=4 ST=1 TYP=1
	245	SVTO	43	NS	0755.0	0826.0	965.0	200.0			QL=4 ST=1 TYP=1
	245	SVTO	43	NS	1010.0	1018.0	18.0	270.0			QL=4 ST=2 TYP=1
	900	GORK	22	GRF	0631.8	0655.3	61.2	29.0			
	900	GORK	22	GRF	0631.8	0725.4		15.0			
	245	LEAR	8	S	0655.0	0655.0	U	64.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0755.0	0755.0	U	72.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0804.0	0804.0	U	61.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0826.0	0826.0	U	220.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0908.0	0908.0	U	86.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	1010.0	1010.0	2.0	72.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	1018.0	1018.0	U	210.0			QL=4 ST=2 TYP=3
	33	UPIC	8	S	1209.5	1209.7	0.5				
17	127	TORN	43	NS	0725.0		425.0		3.0		V=1
	33	UPIC	8	S	1010.0	1010.2	0.5				

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

NOVEMBER 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	33	UPIC	8	S	1147.5	1147.7	0.5				
	245	PALE	8	S	1745.0	1745.0	U	220.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1745.0	1745.0	U	190.0			QL=4 ST=2 TYP=3
	2800	HIRA	1	S	2332.0	2343.0	54.0	10.0			0
18	127	TORN	44	NS	0700.0E		440.0D		4.0		V=1
	2800	HIRA	4	S/F	0026.0	0031.0	58.0	10.0			0
	2804	VORO	23	GRF	0026.0	0030.5	160.0	14.4			
	2804	VORO	42	SER	0029.4	0034.4	5.1	7.0			
	2804	VORO	42	SER	0029.4	0030.6	3.4	7.0			
	245	LEAR	8	S	0444.0	0444.0	U	80.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0514.0	0514.0	U	63.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0526.0	0526.0	U	160.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0618.0	0618.0	U	73.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0709.0	0709.0	1.0	250.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0710.0	0710.0	1.0	270.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0714.0	0714.0	U	52.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0718.0	0718.0	1.0	56.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0725.0	0725.0	U	64.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0726.0	0726.0	U	58.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0727.0	0727.0	1.0	270.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0728.0	0729.0	1.0	290.0			QL=4 ST=2 TYP=3
	410	SVTO	8	S	0732.0	0733.0	1.0	73.0			QL=4 ST=2 TYP=3
	127	TORN	45	C	0807.7	0809.7	3.0	360.0	80.0		DISTURBED
	245	SVTO	8	S	0815.0	0815.0	1.0	140.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0816.0	0817.0	1.0	120.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0900.0	0900.0	U	82.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0901.0	0901.0	U	55.0			QL=4 ST=2 TYP=3
	33	UPIC	45	C	1109.0	1111.0	3.0				
	245	SVTO	8	S	1129.0	1129.0	U	52.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1131.0	1131.0	U	79.0			QL=4 ST=2 TYP=3
	33	UPIC	46	C	1137.0	1137.5	5.0				
	33	UPIC	45	C	1209.0	1210.0	2.5				
	245	SGMR	8	S	1216.0	1216.0	U	56.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1220.0	1220.0	U	65.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1220.0	1220.0	U	84.0			QL=4 ST=2 TYP=3
	245	SVTO	48	C	1232.0	1234.0	3.0	190.0			QL=4 ST=2 TYP=8
	245	SGMR	8	S	1234.0	1235.0	1.0	190.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1240.0	1241.0	1.0	90.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1240.0	1242.0	2.0	93.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1253.0	1253.0	U	53.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1253.0	1253.0	U	53.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1257.0	1257.0	U	54.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1338.0	1338.0	U	62.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1339.0	1339.0	U	63.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1351.0	1351.0	U	60.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1351.0	1351.0	U	68.0			QL=4 ST=2 TYP=3
	15400	SGMR	8	S	1415.0	1415.0	U	71.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1436.0	1436.0	U	52.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1439.0	1439.0	U	86.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1439.0	1439.0	U	100.0			QL=4 ST=2 TYP=3
	410	SGMR	8	S	1450.0	1450.0	U	70.0			QL=4 ST=2 TYP=3
	410	SGMR	8	S	1538.0	1538.0	U	51.0			QL=2 ST=2 TYP=3
	410	SGMR	8	S	1611.0	1611.0	U	54.0			QL=2 ST=2 TYP=3
	2804	VORO	2	S/F	2352.1	2354.8	12.6	10.4			
	2800	HIRA	3	S	2353.0	2355.0	15.0	10.0			0
19	245	SVTO	43	NS	0658.0	0719.0	35.0	100.0			QL=4 ST=2 TYP=1
	245	SVTO	43	NS	0658.0	0658.0	1022.0	74.0			QL=4 ST=1 TYP=1
	245	SVTO	43	NS	0658.0	0719.0	1022.0	100.0			QL=4 ST=1 TYP=1
	127	TORN	44	NS	0700.0E		440.0D		9.0		V=2
	245	SGMR	43	NS	1226.0	1243.0	44.0	300.0			QL=4 ST=2 TYP=1
	245	SGMR	43	NS	1339.0	1449.0	621.0	1800.0			QL=4 ST=3 TYP=1
	245	PALE	8	S	0145.0	0145.0	U	62.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0146.0	0146.0	U	65.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	0205.0	0205.0	U	66.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	0242.0	0242.0	U	230.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0243.0	0243.0	U	220.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	0309.0	0310.0	1.0	64.0			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

NOVEMBER 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
19	245	LEAR	8	S	0311.0	0311.0	U	70.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0412.0	0412.0	U	52.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0457.0	0457.0	U	77.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0720.0	0720.0	2.0	78.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0728.0	0728.0	U	56.0			QL=4 ST=2 TYP=3
	900	GORK	20	GRF	0737.2	0744.5	13.2	13.0			
	9100	GORK	3	S	0753.5	0754.3	1.2	24.0			
	245	SVTO	8	S	0813.0	0814.0	1.0	170.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0815.0	0815.0	U	130.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0828.0	0828.0	U	86.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0830.0	0830.0	U	55.0			QL=4 ST=2 TYP=3
	245	SVTO	49	GB	0841.0	0841.0	U	1800.0			QL=4 ST=2 TYP=6
	410	SVTO	8	S	0841.0	0841.0	U	100.0			QL=4 ST=2 TYP=3
	245	LEAR	49	GB	0842.0	0842.0	U	940.0			QL=4 ST=2 TYP=6
	245	SVTO	49	GB	0851.0	0851.0	U	600.0			QL=4 ST=2 TYP=6
	410	SVTO	8	S	0851.0	0851.0	U	60.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0852.0	0852.0	U	460.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1027.0	1027.0	U	96.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1213.0	1213.0	U	62.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1220.0	1220.0	U	64.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1226.0	1226.0	U	140.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	2031.0	2031.0	U	64.0			QL=4 ST=2 TYP=3
	410	PALE	8	S	2032.0	2032.0	U	73.0			QL=4 ST=2 TYP=3
	410	PALE	8	S	2123.0	2123.0	1.0	100.0			QL=4 ST=2 TYP=3
	410	PALE	8	S	2129.0	2129.0	2.0	380.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	2316.0	2318.0	2.0	440.0			QL=4 ST=2 TYP=3
	2800	HIRA	7	C	2318.0	2318.0	1.0	15.0			0
	410	PALE	8	S	2318.0	2318.0	1.0	130.0			QL=4 ST=2 TYP=3
20	127	TORN	44	NS	0700.0E		440.0D		9.0		V=2
	245	SGMR	43	NS	1203.0	1335.0	512.0	350.0			QL=4 ST=2 TYP=1
	245	SGMR	43	NS	1203.0	1205.0	717.0	81.0			QL=4 ST=1 TYP=1
	410	SGMR	43	NS	1850.0	1850.0	53.0	63.0			QL=4 ST=2 TYP=1
	410	SGMR	43	NS	1850.0	1853.0	310.0	63.0			QL=4 ST=1 TYP=1
	245	PALE	43	NS	2100.0	2101.0	392.0	130.0			QL=4 ST=2 TYP=1
	410	PALE	48	C	0056.0	0057.0	3.0	170.0			QL=4 ST=2 TYP=8
	9100	GORK	1	S	0726.2	0727.2	2.4	11.0			
	900	GORK	40	F	0726.5	0726.7	1.5	37.0			
21	127	TORN	44	NS	0700.0E		440.0D		8.0		V=1
	245	SGMR	43	NS	1205.0	1246.0U	95.0	110.0			QL=4 ST=2 TYP=1
	245	SGMR	43	NS	1205.0	1218.0U	715.0	68.0			QL=4 ST=1 TYP=1
	245	SGMR	43	NS	1205.0	1227.0U	715.0	94.0			QL=4 ST=1 TYP=1
	245	SGMR	43	NS	1205.0	1246.0U	715.0	110.0			QL=4 ST=1 TYP=1
	245	SVTO	43	NS	1218.0	1246.0	62.0	160.0			QL=4 ST=2 TYP=1
	245	LEAR	8	S	0511.0	0511.0	U	79.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1026.0	1026.0	U	57.0			QL=4 ST=2 TYP=3
	410	SVTO	8	S	1358.0	1359.0	1.0	250.0			QL=4 ST=2 TYP=3
	410	SGMR	8	S	1359.0	1359.0	U	320.0			QL=4 ST=2 TYP=3
	410	PALE	8	S	2227.0	2228.0	1.0	320.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	2249.0	2249.0	U	54.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	2321.0	2321.0	U	81.0			QL=4 ST=2 TYP=3
22	127	TORN	43	NS	0720.0		420.0		3.0		V=1
	245	PALE	43	NS	2326.0	0110.0	172.0	110.0			QL=4 ST=2 TYP=1
	245	LEAR	8	S	0414.0	0414.0	U	100.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0422.0	0422.0	U	140.0			QL=4 ST=2 TYP=3
	245	SVTO	4	S/F	1327.0	1328.0	4.0	89.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1348.0	1349.0	1.0	68.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1348.0	1348.0	U	68.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1654.0	1654.0	U	70.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1700.0	1700.0	U	90.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1736.0	1736.0	U	63.0			QL=4 ST=2 TYP=3
	410	SGMR	48	C	1952.0	1955.0	3.0	78.0			QL=2 ST=3 TYP=8
	410	SGMR	48	C	1952.0	1955.0	3.0	78.0			QL=4 ST=2 TYP=8
	410	SGMR	8	S	1958.0	1959.0	2.0	170.0			QL=2 ST=2 TYP=3
	410	SGMR	4	S/F	2003.0	2005.0	4.0	190.0			QL=2 ST=2 TYP=3
	410	SGMR	8	S	2014.0	2015.0	1.0	70.0			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

NOVEMBER 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
23	127	TORN	44	NS	0710.0E		430.0D		6.0		V=2
	245	PALE	8	S	0055.0	0055.0	1.0	210.0			QL=4 ST=2 TYP=3
	2804	VORO	4	S/F	0322.6	0324.1	5.6	51.4			
	2800	HIRA	4	S/F	0323.0	0324.0	6.0	40.0			0
24	15400	LEAR	8	S	0355.0E	0355.0U	U	71.0			QL=4 ST=2 TYP=3
25	245	SVTO	43	NS	0814.0	0817.0	46.0	190.0			QL=4 ST=3 TYP=1
	245	LEAR	8	S	0638.0	0638.0	U	79.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0638.0	0638.0	1.0	95.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0709.0	0709.0	U	53.0			QL=4 ST=2 TYP=3
	245	LEAR	48	C	0814.0	0817.0	5.0	190.0			QL=4 ST=2 TYP=8
	245	LEAR	8	S	0823.0	0823.0	U	160.0			QL=4 ST=2 TYP=3
	610	SVTO	48	C	0851.0	0857.0	8.0	270.0			QL=4 ST=2 TYP=8
	245	SVTO	8	S	0859.0	0859.0	U	84.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1246.0	1246.0	U	54.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1246.0	1246.0	U	59.0			QL=4 ST=2 TYP=3
	410	SGMR	8	S	1724.0	1724.0	U	60.0			QL=4 ST=2 TYP=3
26	127	TORN	44	NS	0720.0E		420.0D		22.0		V=1
	245	SVTO	4	S/F	0657.0	0658.0	8.0	62.0			QL=4 ST=2 TYP=3
	410	SVTO	4	S/F	0657.0	0658.0	7.0	76.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0658.0	0658.0	U	51.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0710.0	0712.0	2.0	76.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0752.0	0752.0	U	78.0			QL=4 ST=2 TYP=3
28	127	TORN	43	NS	0830.0		280.0		2.0		V=0
	410	PALE	8	S	1727.0	1727.0	U	120.0			QL=4 ST=2 TYP=3
	410	PALE	8	S	1731.0	1731.0	U	140.0			QL=4 ST=2 TYP=3
29	2800	PENT	46	C	1652.6	1656.0	26.0U	56.0			

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.